SUP

MARCH 2023

PROJECT ID: 1197-18-78

WITH: N/A

COUNTY: WASHBURN

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details (Includes Erosion Control)
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
~~Section No.~~	~~4~~	~~Right-of-Way Plat~~
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 1230



34

N

DESIGN DESIGNATION

A.A.D.T.	2024	=	6,690 - 10,600
A.A.D.T.	2044	=	7,700 - 11,600
D.H.V.	2044	=	1,040 - 1,570
D.D.		=	60/40
T.		=	13.8%
DESIGN SPEED		=	65 MPH
ESALS		=	6,200,000

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

NEW AUBURN - SPOONER

WILDCAT RD TO CTH A (NB & SB)

USH 53

WASHBURN COUNTY

STATE PROJECT NUMBER
1197-18-78



LAYOUT

SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 5.704 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WCCS), WASHBURN COUNTY, NAD83 (1997), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1197-18-78	WISC 2023297	1

emcs inc

500 North 17th Avenue
Wausau, WI 54401
715.845.1081 Fax 715.845.1099

WISCONSIN
STEPHANIE G. CHRISTENSEN
E-35808
WAUSAU, WI
PROFESSIONAL ENGINEER

4/11/22 (Date) Stephanie G. Christensen (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	EMCS, INC.
Designer	EMCS, INC.
Project Manager	PHILIP KEPPERS
Regional Examiner	TOU YANG
Regional Supervisor	JEFFREY OLSON

APPROVED FOR THE DEPARTMENT

DATE: 4/13/2022 Philip Keppers (Signature)

E

GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

PRIOR TO ORDERING DRAINAGE PIPES THE CONTRACTOR SHALL FIELD VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN WITH THE ENGINEER.

CROSS DRAIN PIPE LOCATIONS AND ELEVATIONS AS SHOWN ARE ON THE CROSS SECTION SHEETS ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

WETLAND DELINEATION WAS ONLY COMPLETED AT SPOT LOCATIONS. IN ADDITION TO THE WETLAND BOUNDARIES SHOWN ON THE PLANS OTHER LOCATIONS OF WETLANDS EXIST. SEE EROSION CONTROL PLANS FOR STAGES 2-5 FOR PERMITTED WETLAND IMPACTS.

THE USH 53 DESIGN SPEED IS 65 MPH. PROPOSED SUPER ELEVATIONS ARE DESIGNED TO MEET 70 MPH DESIGN SPEED WHERE FEASIBLE.

NB = NORTHBOUND
SB = SOUTHBOUND
EB = EASTBOUND
WB = WESTBOUND

AS-BUILTS USED FOR PLAN DEVELOPMENT

PROJECT NO: 1198-03-70/1197-03-70, CONSTRUCTION YEAR: 1969
PROJECT NO: 1198-08-71, CONSTRUCTION YEAR: 1980
PROJECT NO: 1198-04-86, CONSTRUCTION YEAR: 1985
PROJECT NO: 1198-04-84, CONSTRUCTION YEAR: 1986
PROJECT NO: 1198-04-90, CONSTRUCTION YEAR: 1986
PROJECT NO: 1198-04-33, CONSTRUCTION YEAR: 1986
PROJECT NO: 1198-04-96, CONSTRUCTION YEAR: 1986
PROJECT NO: 1198-04-97, CONSTRUCTION YEAR: 1986
PROJECT NO: 1198-04-98, CONSTRUCTION YEAR: 1987
PROJECT NO: 1197-16-71, CONSTRUCTION YEAR: 2004
PROJECT NO: 1190-00-63, CONSTRUCTION YEAR: 2012
PROJECT NO: 1197-18-75/76, CONSTRUCTION YEAR: 2014

ORDER OF SECTION 2 SHEETS

PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
PAVING DETAILS
CROSS SECTION MATCHLINE DETAIL
EROSION CONTROL
PERMANENT SIGNING
MARKING
TRAFFIC CONTROL
FENCING PLAN

ALIGNMENT DESIGNATORS

STH 70 EB - "EB"
STH 70 WB - "WB"
USH 53 NB/STH 70 EXIT - "A"
USH 53 NB/STH 70 ENTRANCE - "B"
USH 53 SB/STH 70 EXIT - "C"
USH 53 SB/STH 70 ENTRANCE - "D"
USH 53 NB/USH 63 EXIT - "AA" & "EE"
USH 53 SB/USH 63 EXIT - "BB"
USH 53 NB&SB/USH 63 ENTRANCE - "CC"
USH 53 NB/USH 63 ENTRANCE - "DD"
MEDIAN OPENING STA 3645+35 - "M"
SOUTH TEMPORARY CROSSOVER USH 53 NB - "XNB"
SOUTH TEMPORARY CROSSOVER USH 53 SB - "XSB"
TEMPORARY USH 53 NB/STH 70 EXIT CROSSOVER - "AT"
TEMPORARY USH 53 NB/STH 70 ENTRANCE CROSSOVER - "BT"
TEMPORARY USH 53 SB/STH 70 EXIT CROSSOVER - "CT"
TEMPORARY USH 53 SB/STH 70 ENTRANCE CROSSOVER - "DT"
TEMPORARY USH 53 NB/USH 63 EXIT CROSSOVER - "AAT"
TEMPORARY USH 53 SB/USH 63 EXIT CROSSOVER - "BBT"
TEMPORARY RAMP WIDENING USH 53 SB/USH 63 EXIT - "BBW"
NORTH TEMPORARY CROSSOVER USH 53 NB - "XNB"
NORTH TEMPORARY CROSSOVER USH 53 SB - "XSB"

ALIGNMENTS NOT LISTED DO NOT HAVE DESIGNATORS.

UTILITIES

COMMUNICATIONS

ASTREA
ANDY HEIGL
105 KENT STREET
IRON MOUNTAIN, MI 49801
PHONE: (906)-221-7536
ANDY.HEIGL@ASTREACONNECT.COM

CINC
DAREN BAUER
105 GARFIELD AVE
EAU CLAIRE, WI 54701
PHONE: (715) 836-5286
BAUERDP@UWEC.EDU

LUMEN F/K/A CENTURYLINK
MICHAEL VANDEN BOS
2426 75TH
OSCEOLA, WI 54020
PHONE: (608) 716-5962
MIKE.VANDENBOS@LUMEN.COM

SPECTRUM
SUNNY RICHARDSON
1201 MCCANN DR
ALTOONA, WI 54720
PHONE: (715) 896-6503
SUNNY.RICHARDSON@CHARTER.COM

ELECTRIC

BARRON ELECTRIC COOPERATIVE
SCOTT DEVOE
P.O. BOX 261
SPOONER, WI 54801
OFFICE PHONE: (715) 637-6131
MOBILE PHONE: (715) 418-1182
SDEVOE@BARRONELECTRIC.COM

DAIRYLAND POWER COOPERATIVE
MICHAEL LYDON
3200 EAST AVENUE SOUTH P.O. BOX 817
LA CROSSE, WI 54602
OFFICE PHONE: (608) 787-1381
MICHAEL.LYDON@DAIRYLANDPOWER.COM

GAS/PETROLEUM

WE ENERGIES
STEVEN CHAVERS
104 W SOUTH ST
RICE LAKE, WI 54868
OFFICE PHONE: (715) 234-9605
MOBILE PHONE: (715) 213-4327
STEVEN.CHAVERS@WE-ENERGIES.COM

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP- TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE- TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

TOTAL PROJECT AREA = 333 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 101 ACRES

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

OTHER CONTACTS

WISCONSIN GREAT NORTHERN RAILROAD

GREG VREELAND
P.O. BOX 46
SPOONER, WI 54801
(715) 635-3200
GREG@SPOONERTRAINRIDE.COM

DNR LIAISON

SHAWN HASELEU
DNR NORTHERN REGION HEADQUARTERS
810 W. MAPLE STREET
SPOONER, WI 54801
(715) 635-4228
(715) 416-0478
SHAWN.HASELEU@WISCONSIN.GOV

DESIGNER CONTACT

EMCS, INC.
500 NORTH 17TH AVENUE
WAUSAU, WI 54401
(715) 845-1081
SCHRISTENSEN@EMCSINC.COM
EOLESON@EMCSINC.COM

2

N

TOWN OF BEAVER ROOK

CRANBERRY DR (WEST)

CRANBERRY DR (EAST)

USH 53 SB

USH 53 NB

6560
6580
6600
6620
6640
6660
6680
6700
3560
3580
3600
3620
3640
3660
3680
3700

BEGIN CONSTRUCTION
STA 6560+00
BEGIN PVT REPLACMENT

BEGIN PROJECT
STA 3560+00
BEGIN PVT REPLACEMENT

CONSTRUCTION LIMITS
REMOVE TEMPORARY CROSSOVER
AND RESTORE SHOULDERS

VETERANS WAY

UNNAMED
OPEN WATER

CONSTRUCTION LIMITS
CONSTRUCT AND REMOVE
TEMPORARY RAMP CROSSOVERS

TOWN OF SPOONER

CONSTRUCTION LIMITS
SHOULDER REPLACEMENT

BEGIN CONSTRUCTION
STA 248+75"EB"

STH 70

250'EB

END CONSTRUCTION
STA 260+46"EB"

260'EB

CONSTRUCTION LIMITS
SHOULDER REPLACEMENT

270'EB

B-65-30
CONCRETE OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

TOWN OF SPOONER

PROJECT NO:1197-18-78	HWY:USH 53	COUNTY:WASHBURN	PROJECT OVERVIEW	SHEET 3	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - 01

PLOT DATE : 2/21/2022 1:36 PM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:1000 FT

2

TOWN OF SPOONER

CITY OF SPOONER

SPOONER HEALTH SYSTEM HOSPITAL

CTH H

WISCONSIN GREAT NORTHERN RAILROAD

USH 63

CONSTRUCTION LIMITS
TEMPORARY RAMP WIDENING

BEGIN CONSTRUCTION

CONSTRUCTION LIMITS
TEMPORARY INTERSECTION WIDENING

CONSTRUCTION LIMITS
RESTORE SHOULDERS

B-65-25
POLYMER OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

CONSTRUCTION LIMITS
CONSTRUCT AND REMOVE
TEMPORARY RAMP CROSSOVER

USH 53 SB

USH 53 NB

6780
3780
6800
3800
6820
3820
6840
3840

USH 63 RAMPS

USH 53 SB/USH 63 EXIT

WILD RIVERS STATE TRAIL

BEAR PATH LN

BITTERSWEET DR

CTH H

B-65-24
POLYMER OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

END CONSTRUCTION
STA 6862+50
END PVT REPLACEMENT

6860
3860

LITTLE VALLEY RD

USH 63 RAMPS CONSTRUCTION

END PROJECT
STA 3861+18
END PVT REPLACEMENT

CTH A

6880
3880

CONSTRUCTION LIMITS
SEE DETAIL

YELLOW RIVER

CONSTRUCTION LIMITS
CONSTRUCT AND REMOVE
TEMPORARY RAMP CROSSOVERS

B-65-22
CONCRETE OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

OJIBWA RD

6760
3760
6740
3740
6720
3720

B-65-23
CONCRETE OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

YELLOW RIVER

OJIBWA RD

TOWN OF SPOONER

DETAIL

CONSTRUCTION LIMITS
CONSTRUCT AND REMOVE
TEMPORARY RAMP CROSSOVER

END CONSTRUCTION
STA 6862+50
END PVT REPLACEMENT

CONSTRUCTION LIMITS
CONSTRUCT & REMOVE
TEMPORARY INTERSECTION
WIDENING AND
RESTORE SHOULDERS

CONSTRUCTION LIMITS
CONSTRUCT AND REMOVE
TEMPORARY CROSSOVER
AND RESTORE SHOULDERS

LITTLE VALLEY RD

6860
3860
6880
3880
6900
3900
6920
3920

USH 53 SB

USH 53 NB

WISCONSIN GREAT NORTHERN RAILROAD

WILD RIVERS STATE TRAIL

CTH A

END PROJECT
STA 3861+18
END PVT REPLACEMENT

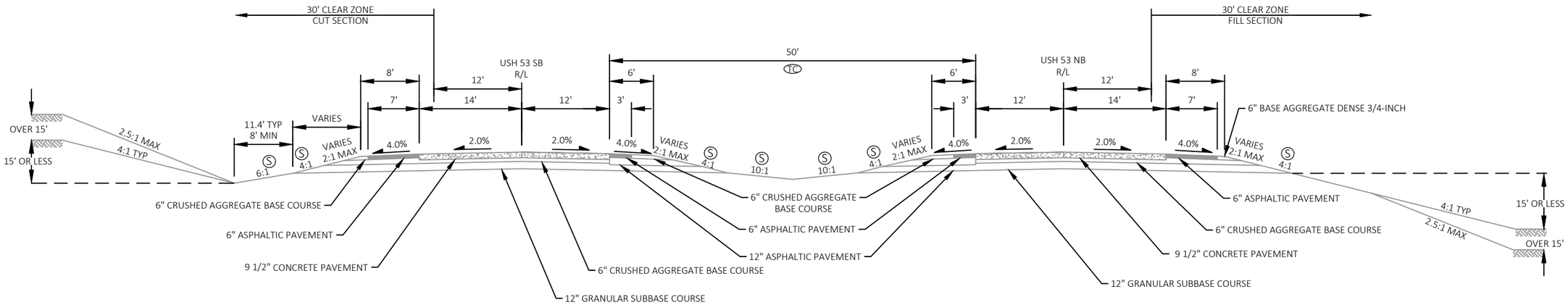
PROJECT NO:1197-18-78	HWY:USH 53	COUNTY:WASHBURN	PROJECT OVERVIEW	SHEET 4	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - 02

PLOT DATE : 2/21/2022 1:36 PM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:1000 FT

WISDOT/CADDS SHEET 44

2



TYPICAL EXISTING SECTION
USH 53
STA 3553+90 - STA 3560+00 (BEGIN PVT REPLACEMENT)
STA 6553+90 - STA 6560+00 (BEGIN PVT REPLACEMENT)

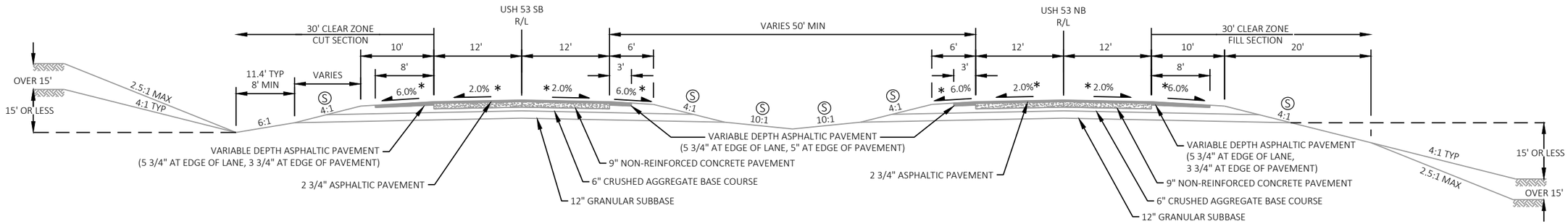
NOTES

(S) EXISTING SIDE SLOPES VARY FROM 2.5:1 TO 10:1, TYPICAL VALUES SHOWN

(TC) TEMPORARY CROSSOVER INSTALLED IN PREVIOUS PROJECT, SEE TRAFFIC CONTROL PLANS; TO BE REMOVED UNDER THIS CONTRACT

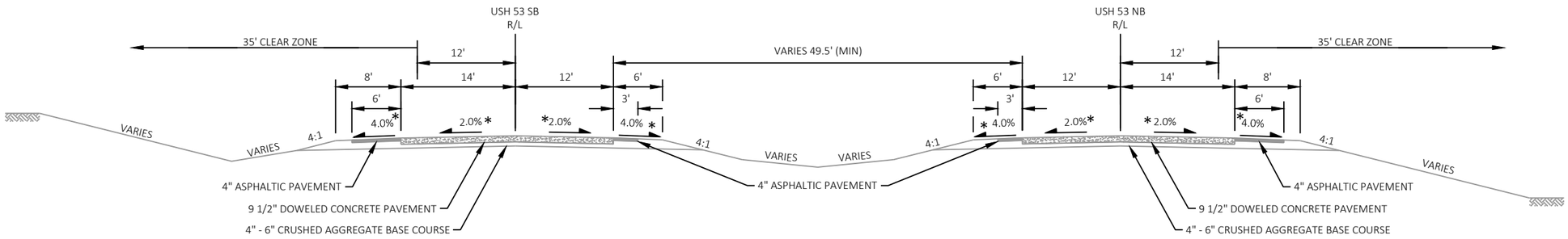
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET 5	E

2



TYPICAL EXISTING SECTION
USH 53

STA 3560+00 (BEGIN PVT REPLACEMENT) - STA 3721+16(B-65-23)
STA 3721+89(B-65-23) - STA 3822+37(B-65-24)
STA 3825+64(B-65-24) - STA 3861+18 (END PVT REPLACEMENT)
STA 6560+00 (BEGIN PVT REPLACEMENT)- STA 6721+50(B-65-22)
STA 6722+23(B-65-22) - STA 6822+28(B-65-25)
STA 6825+55(B-65-25) - STA 6862+50 (END PVT REPLACEMENT)



TYPICAL EXISTING SECTION
USH 53

STA 3861+18 (END PVT REPLACEMENT) - STA 3900+43
STA 6862+50 (END PVT REPLACEMENT) - STA 6899+75

NOTES

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

SEE SECTION 5 PLAN SHEETS FOR EXISTING GUARDRAIL LOCATIONS

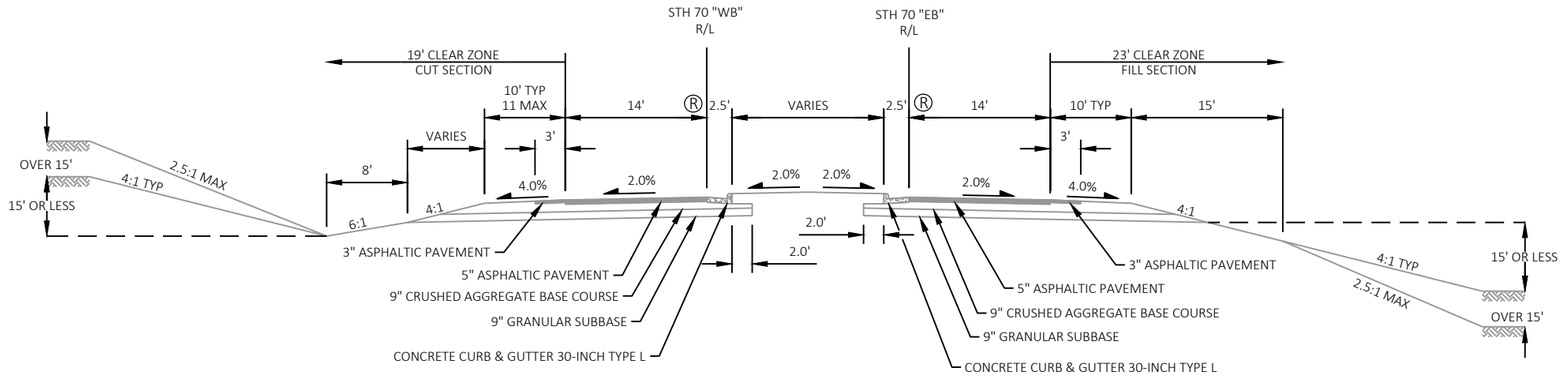
SEE SECTION 5 PLAN SHEETS FOR EXISTING TURN LANE LOCATIONS

TIE BARS AND DOWEL BARS MAY BE PRESENT IN THE EXISTING CONCRETE PAVEMENT

Ⓢ EXISTING SIDE SLOPES VARY FROM 2.5:1 TO 10:1, TYPICAL VALUES SHOWN

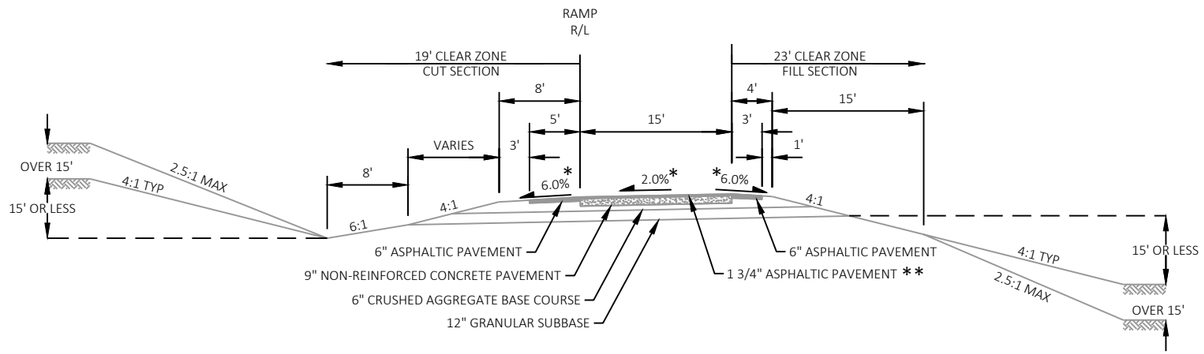
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET 6	E

2



TYPICAL EXISTING SECTION
STH 70

STA 241+46"EB" - STA 254+12"EB"(B-65-30)
STA 256+46"EB"(B-65-30) - STA 272+15"EB"
STA 240+16"WB" - STA 254+04"WB"(B-65-30)
STA 256+37"WB"(B-65-30) - STA 272+14"WB"



TYPICAL EXISTING SECTION
USH 53/STH 70 RAMPS

SB RAMPS SHOWN, MIRROR FOR NB RAMPS
STA 3680+88"A" - STA 3696+08"A"
STA 3694+79"B" - STA 3719+42"B"
STA 6699+24"C" - STA 6714+35"C"
STA 6675+34"D" - STA 6700+61"D"

NOTES

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

** 2.5" ASPHALTIC SURFACE (STA 3704+50"B" - STA 3707+50"B", STA 6688+14"D" - STA 6697+32"'D")

SEE SECTION 5 PLAN SHEETS FOR EXISTING GUARDRAIL LOCATIONS

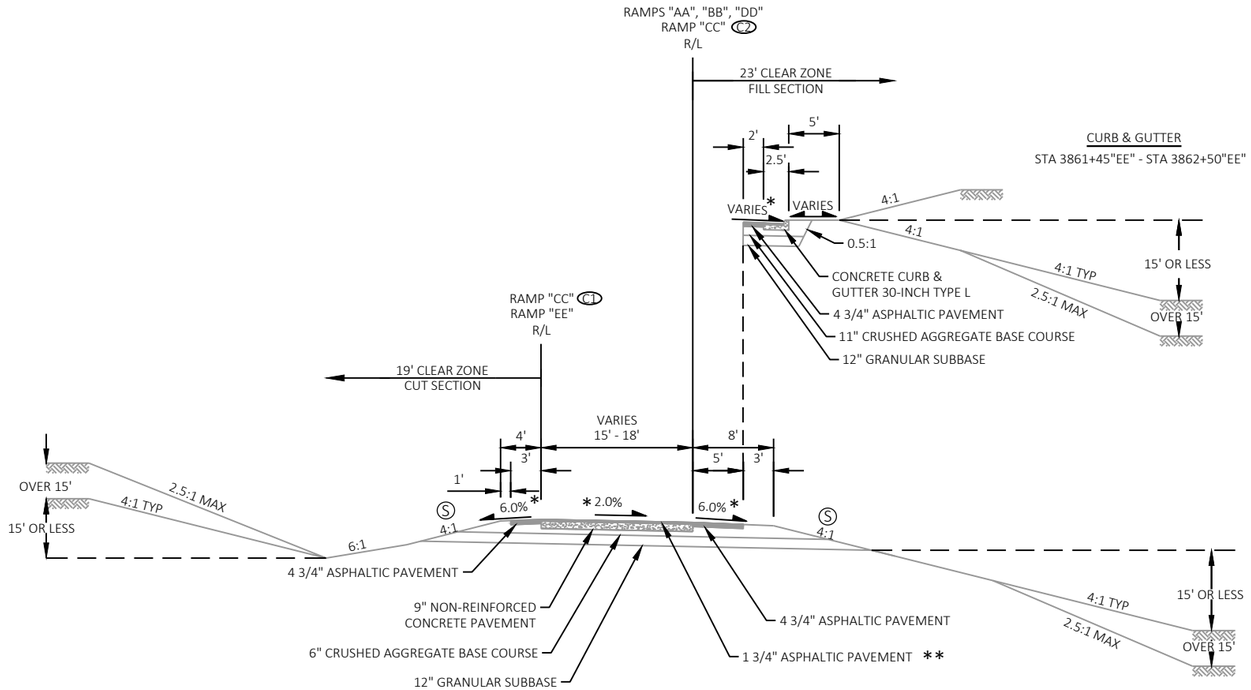
SEE SECTION 5 PLAN SHEETS FOR EXISTING TURN LANE LOCATIONS

TIE BARS AND DOWEL BARS MAY BE PRESENT IN THE EXISTING CONCRETE PAVEMENT

Ⓡ ALIGNMENT DOES NOT FOLLOW LANE EDGE IN ALL LOCATIONS. SEE TRAFFIC CONTROL PLAN DETAILS.

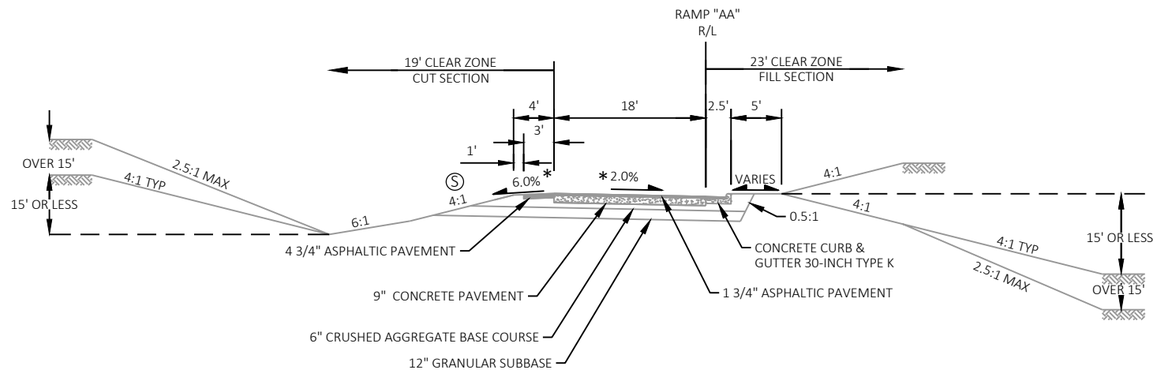
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET 7	E

2



TYPICAL EXISTING SECTION
USH 53/USH 63 RAMPS

STA 3829+19"AA" - STA 3839+02"AA"
** STA 6815+93"BB" - STA 6852+75"BB" (M)
** STA 3816+00"CC" - STA 3823+10"CC" (C1)
STA 3843+69"CC" - STA 3846+65"CC" (C2)
*** STA 3846+91"CC" - STA 3847+41"CC" (C2)
** STA 3843+69"DD" - STA 3861+17"DD"
STA 3861+45"EE" - STA 3863+88"EE"



TYPICAL EXISTING SECTION
USH 53/USH 63 RAMP
STA 3839+02"AA" - STA 3844+09"AA"

NOTES

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

** 2.5" ASPHALTIC PAVEMENT

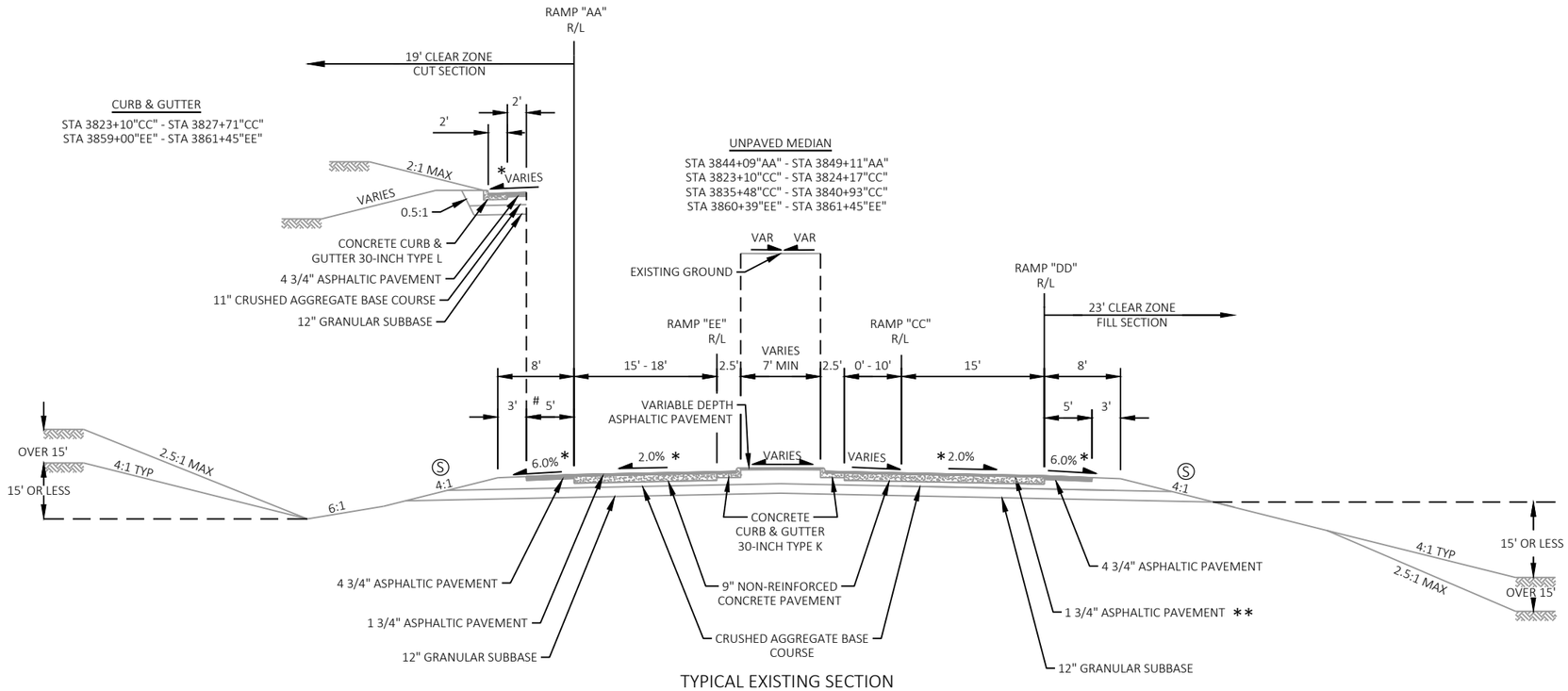
*** THIS SEGMENT IS WITHIN THE USH 53 MEDIAN. SEE THE INTERSECTION DETAILS FOR EXISTING LAYOUT AND ADDITIONAL INFORMATION.

(M) MIRROR TYPICAL FOR THIS RAMP

TIE BARS AND DOWEL BARS MAY BE PRESENT IN THE EXISTING CONCRETE PAVEMENT

Ⓢ EXISTING SIDE SLOPES VARY, TYPICAL VALUES SHOWN

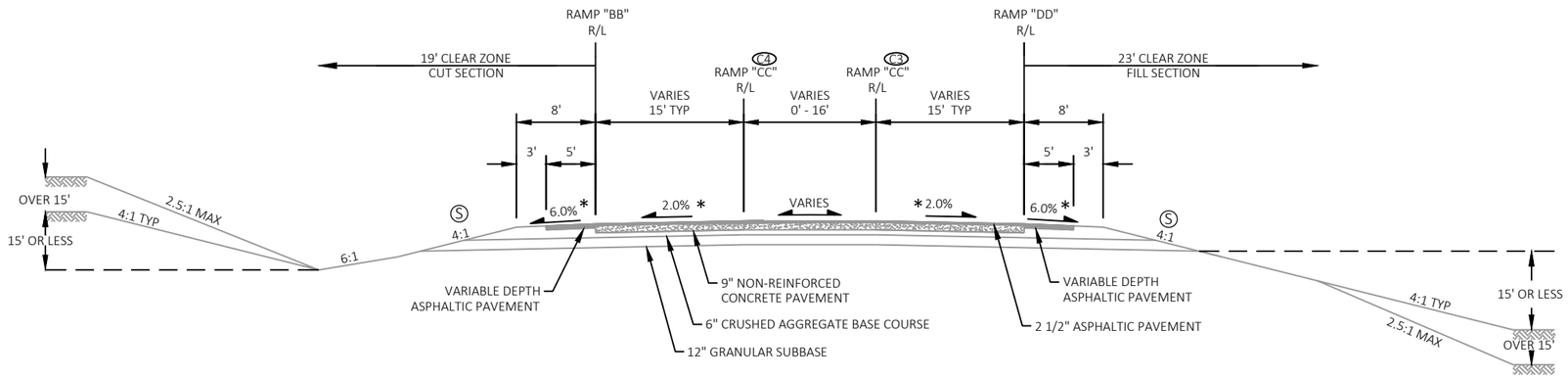
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET 8	E



TYPICAL EXISTING SECTION
USH 53/USH 63 RAMPS

(THIS TYPICAL SECTION IS DRAWN IN THE DIRECTION OF RAMP "CC", RAMP "AA" AND "EE" STATIONING RUNS THE OPPOSITE DIRECTION)

STA 3844+09"AA" - STA 3853+00"AA"
** STA 3823+10"CC" - STA 3840+93"CC"
STA 3840+00"DD" - STA 3840+92"DD"
STA 3859+00"EE" - STA 3861+45"EE"



TYPICAL EXISTING SECTION
USH 53/USH 63 RAMPS

STA 6811+50"BB" - STA 6815+93"BB"
STA 3813+85"CC" - STA 3816+00"CC" (C3)
STA 3840+93"CC" - STA 3843+69"CC" (C4)
STA 3840+92"DD" - STA 3843+69"DD"

NOTES

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

** 2.5" ASPHALTIC PAVEMENT

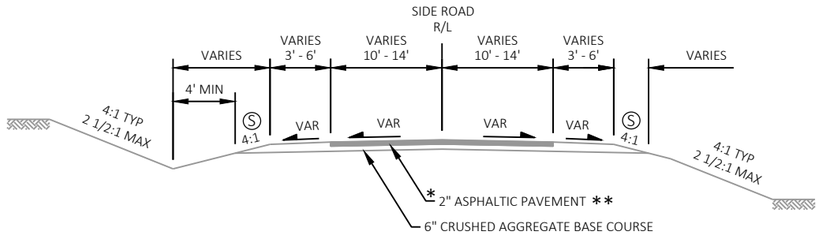
SEE SECTION 5 PLAN SHEETS FOR EXISTING GUARDRAIL LOCATIONS

TIE BARS AND DOWEL BARS MAY BE PRESENT IN THE EXISTING CONCRETE PAVEMENT

(S) EXISTING SIDE SLOPES VARY, TYPICAL VALUES SHOWN

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET 9	E

2



TYPICAL EXISTING SECTION
SIDE ROADS

CRANBERRY DR (WEST)
CRANBERRY DR (EAST)
OJIBWA RD
BITTERSWEET DR
CTH H

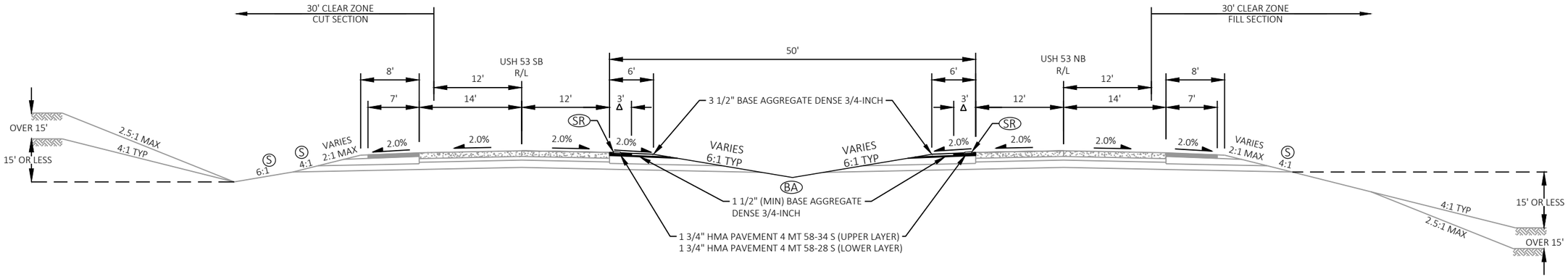
NOTES

* ASPHALTIC PAVEMENT THICKNESS MAY VARY MINIMUM THICKNESS SHOWN

** CRANBERRY DR (WEST AND EAST) DO NOT HAVE AN ASPHALTIC PAVEMENT SURFACE BEYOND THE PAVED APRON

Ⓢ EXISTING SIDE SLOPES VARY FROM 2:1 TO 10:1, TYPICAL VALUES SHOWN

2



TYPICAL FINISHED SECTION
USH 53
STA 3553+90 - STA 3560+00 (BEGIN PVT REPLACEMENT)
STA 6553+90 - STA 6560+00 (BEGIN PVT REPLACEMENT)

NOTES

(SR) SHOULDER RUMBLE STRIPS RURAL DIVIDED HIGHWAY. SEE SDD "SHOULDER RUMBLE STRIP, MILLING" FOR ADDITIONAL INFORMATION.

(BA) THE UNDERLYING BASE AGGREGATE FROM TEMPORARY CROSSOVER CONSTRUCTION IS TO REMAIN IN SHOULDER REPLACEMENT AREAS, ADD 1 1/2" (MIN) BASE AGGREGATE DENSE 3/4-INCH

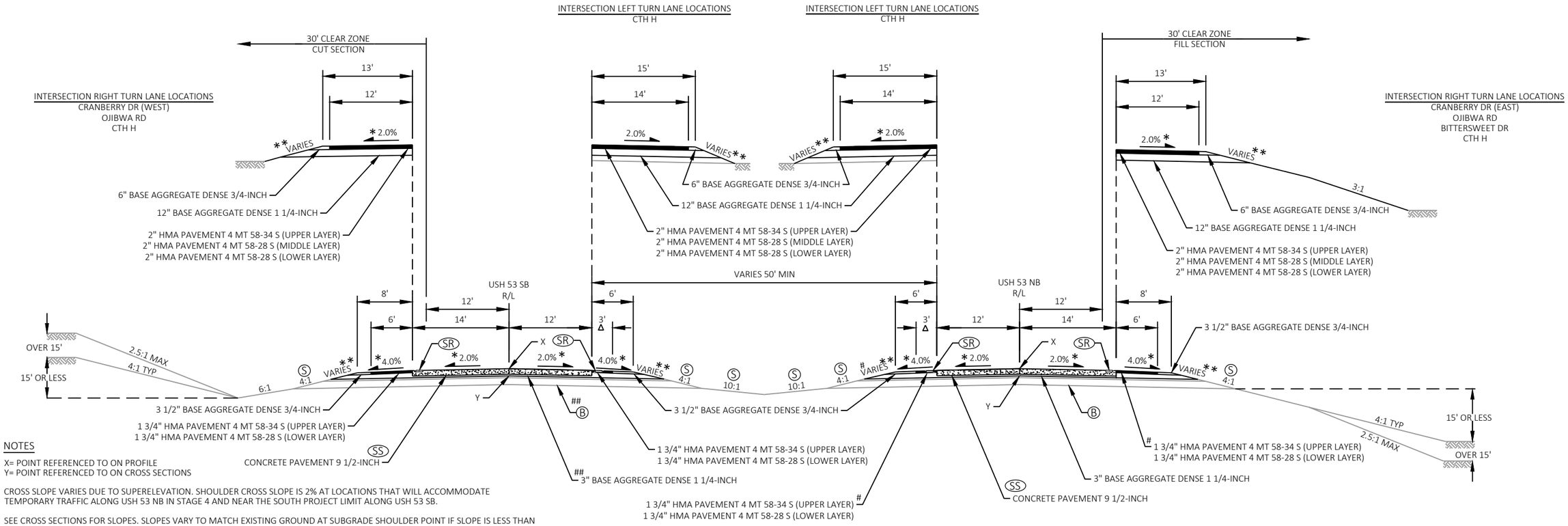
Δ PAVEMENT SAFETY EDGE REQUIRED FOR PAVED SHOULDERS 3' OR LESS, SEE SDD "SAFETY EDGE".

(S) EXISTING SIDE SLOPES VARY FROM 2:1 TO 10:1, TYPICAL VALUES SHOWN

SEE EROSION CONTROL SHEETS FOR TOPSOIL AND FINISHING INFORMATION.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET 11	E

2



NOTES

X= POINT REFERENCED TO ON PROFILE
Y= POINT REFERENCED TO ON CROSS SECTIONS

* CROSS SLOPE VARIES DUE TO SUPERELEVATION. SHOULDER CROSS SLOPE IS 2% AT LOCATIONS THAT WILL ACCOMMODATE TEMPORARY TRAFFIC ALONG USH 53 NB IN STAGE 4 AND NEAR THE SOUTH PROJECT LIMIT ALONG USH 53 SB.

** SEE CROSS SECTIONS FOR SLOPES. SLOPES VARY TO MATCH EXISTING GROUND AT SUBGRADE SHOULDER POINT IF SLOPE IS LESS THAN 2:1. SIDE SLOPE IS 2:1 MAX.

SEE SECTION 5 PLAN SHEETS FOR EXISTING USH 53 BRIDGE LOCATIONS. PLACE CONCRETE PAVEMENT APPROACH SLABS AT ALL BRIDGES. SEE SDD "CONCRETE PAVEMENT APPROACH SLAB" FOR ADDITIONAL INFORMATION.

\# ASPHALT SHOULDERS WHICH WILL TEMPORARILY CARRY TRAFFIC AT CTH H AND THE SOUTH PROJECT LIMITS ON THE OUTSIDE WILL HAVE THE FOLLOWING HMA PAVEMENT OVER 12-INCH BASE AGGREGATE DENSE 1 1/4-INCH . IN ADDITION, SOME OF THESE AREAS WILL BE TEMPORARILY OVER WIDENED AND HAVE A TEMPORARY MAXIMUM FILL SLOPE OF 3:1 TO CARRY TRAFFIC IN STAGE 5. SEE TRAFFIC CONTROL PLANS AND CROSS SECTIONS FOR ADDITIONAL INFORMATION FOR TEMPORARY WIDENING AGAINST THE ULTIMATE NB TYPICAL SECTION.
- 2" HMA PAVEMENT 4 MT 58-34 S (UPPER LAYER)
- 2" HMA PAVEMENT 4 MT 58-28 S (MIDDLE LAYER)
- 2" HMA PAVEMENT 4 MT 58-28 S (LOWER LAYER)

\## DUE TO PROPOSED PROFILE CHANGE, PLACE 6" BASE AGGREGATE DENSE 1 1/4 -INCH FROM STA 6693+00 - STA 6697+50

SAW OVER WIDENED SHOULDER AND TURN LANE PAVEMENT AND GRADE TO STANDARD TYPICAL SECTION ALONG USH 53 NB AFTER USE IN STAGE 4, WHERE DESIGNATED.

(SR) SHOULDER RUMBLE STRIPS RURAL DIVIDED HIGHWAY. SEE SDD "SHOULDER RUMBLE STRIP, MILLING" FOR ADDITIONAL INFORMATION.

Δ PAVEMENT SAFETY EDGE REQUIRED FOR PAVED SHOULDERS 3' OR LESS, SEE SDD "SAFETY EDGE".

(B) EXISTING ± 3" OF BASE AGGREGATE MATERIAL AND EXISTING SUBBASE TO REMAIN. FOR AREAS OF DRAINAGE PIPE, PLACE 6" BASE AGG DENSE (MIN).

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR PROPOSED GUARDRAIL LOCATIONS.

SEE SECTION 5 PLAN SHEETS FOR PROPOSED TURN LANE LOCATIONS.

SEE EROSION CONTROL SHEETS FOR TOPSOIL AND FINISHING INFORMATION.

(S) EXISTING SIDE SLOPES VARY FROM 2:1 TO 10:1, TYPICAL VALUES SHOWN

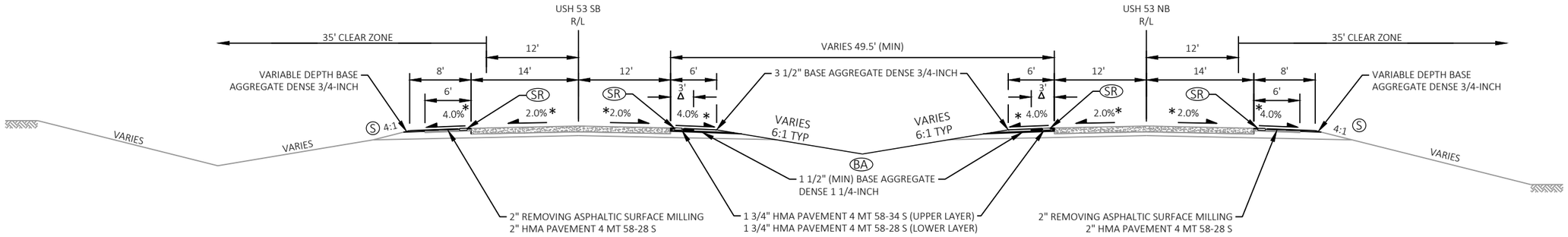
(SS) TREAT ALL NEWLY CONSTRUCTED CONCRETE PAVEMENT SAW CUTS WITH CONCRETE SILANE SEALER FOR PCC SAW CUTS. LEAVE A CONTROL SECTION UNTREATED ON USH 53 NB FROM STA 3620+00 - STA 3630+00.

TYPICAL FINISHED SECTION
USH 53

STA 3560+00 (BEGIN PVT REPLACEMENT) - STA 3721+16(B-65-23)
STA 3721+89(B-65-23) - STA 3822+37(B-65-24)
STA 3825+64(B-65-24) - STA 3861+18 (END PVT REPLACEMENT)
STA 6560+00 (BEGIN PVT REPLACEMENT) - STA 6721+50(B-65-22)
STA 6722+23(B-65-22) - STA 6822+28(B-65-25)
STA 6825+55(B-65-25) - STA 6862+50 (END PVT REPLACEMENT)

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET 12	E

2



TYPICAL FINISHED SECTION
USH 53

STA 3863+78 - STA 3876+59, LT
STA 3865+75 - STA 3874+75, RT
STA 3882+33 - STA 3899+43, LT
STA 6865+12 - STA 6870+85, RT
STA 6866+25 - STA 6876+00, LT
STA 6875+75 - STA 6877+93, RT
STA 6883+18 - STA 6900+75, RT

NOTES

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

(SR) SHOULDER RUMBLE STRIPS RURAL DIVIDED HIGHWAY. SEE SDD "SHOULDER RUMBLE STRIP, MILLING" FOR ADDITIONAL INFORMATION.

(BA) THE UNDERLYING BASE AGGREGATE FROM TEMPORARY CROSSOVER CONSTRUCTION IS TO REMAIN IN SHOULDER REPLACEMENT AREAS, ADD 1 1/2" (MIN) BASE AGGREGATE DENSE 1 1/4-INCH

Δ PAVEMENT SAFETY EDGE REQUIRED FOR PAVED SHOULDERS 3' OR LESS, SEE SDD "SAFETY EDGE".

SEE SECTION 5 PLAN SHEETS FOR LOCATIONS OF EXISTING GUARDRAIL TO REMAIN NORTH OF THE PAVEMENT REPLACEMENT LIMITS.

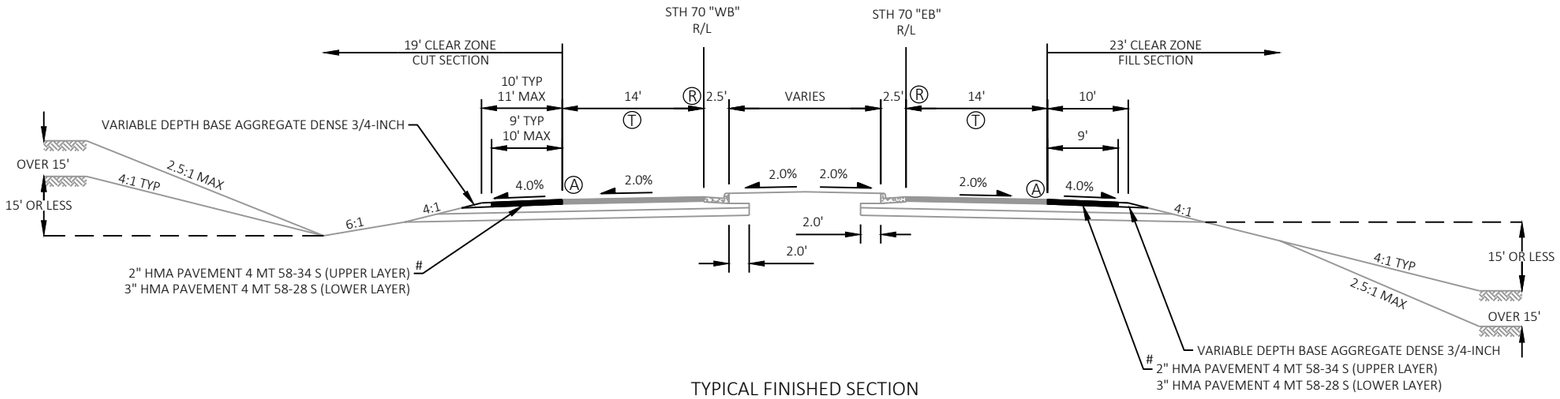
SEE SECTION 5 PLAN SHEETS FOR TURN LANE LOCATIONS.

SEE EROSION CONTROL SHEETS FOR TOPSOIL AND FINISHING INFORMATION.

(S) EXISTING SIDE SLOPES VARY FROM 2.5:1 TO 10:1, TYPICAL VALUES SHOWN

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET 13	E

2



TYPICAL FINISHED SECTION
STH 70
STA 241+46"EB" - STA 248+75"EB"
STA 260+62"EB" - STA 272+15"EB"
STA 240+16"WB" - STA 248+75"WB"
STA 260+30"WB" - STA 272+14"WB"

NOTES

SEE SECTION 5 PLAN SHEETS FOR PROPOSED TURN LANE LOCATIONS.

REMOVE EXISTING PAVED SHOULDER AND NECESSARY AGGREGATE (+/- 1.5") UNDER THE EXCAVATION COMMON ITEM PRIOR TO PLACEMENT OF HMA PAVEMENT. PREPARATION OF THE FOUNDATION IS INCIDENTAL TO THE HMA PAVEMENT ITEMS.

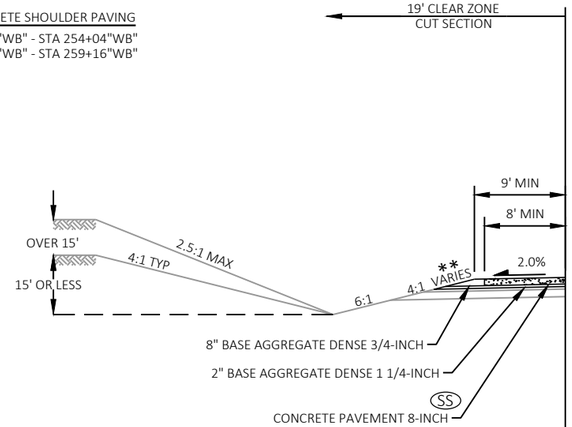
Ⓐ SAWING ASPHALT

Ⓡ ALIGNMENT DOES NOT FOLLOW LANE EDGE IN ALL LOCATIONS. SEE TRAFFIC CONTROL PLAN DETAILS.

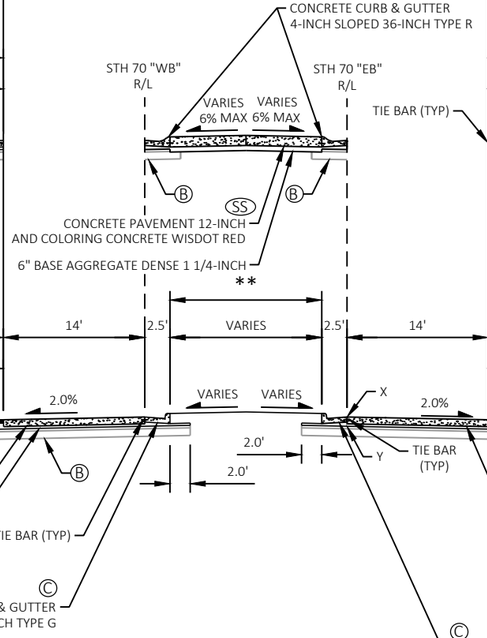
Ⓣ SEE CONSTRUCTION DETAIL FOR PAVEMENT TRANSITION LOCATIONS AND DETAILS.

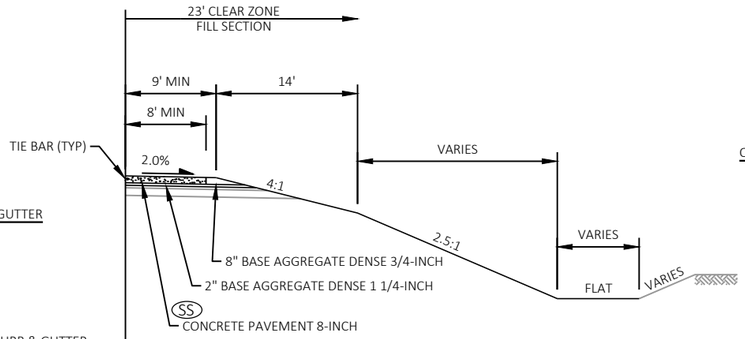
2

OSOW CONCRETE SHOULDER PAVING
STA 250+83"WB" - STA 254+04"WB"
STA 256+37"WB" - STA 259+16"WB"

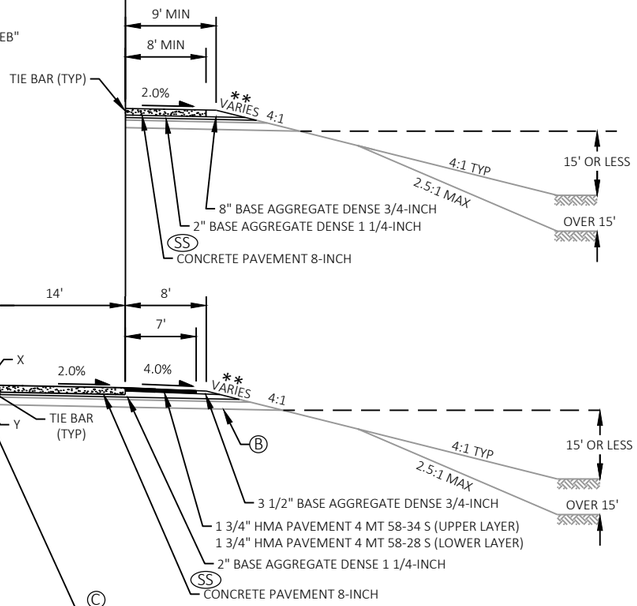


OSOW MEDIAN MOUNTABLE CONCRETE CURB & GUTTER
STA 248+75"EB" - STA 250+70"EB"
STA 257+95"EB" - STA 258+97"EB"
STA 259+78"EB" - STA 259+87"EB"





OSOW CONCRETE SHOULDER PAVING
STA 251+24"EB" - STA 254+12"EB"



OSOW CONCRETE SHOULDER PAVING
STA 256+46"EB" - STA 259+65"EB"

NOTES

X= POINT REFERENCED TO ON PROFILE
Y= POINT REFERENCED TO ON CROSS SECTIONS

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

** SEE CROSS SECTIONS FOR SLOPES. SLOPES VARY TO MATCH EXISTING GROUND AT SUBGRADE SHOULDER POINT IF SLOPE IS LESS THAN 2:1. SIDE SLOPE IS 2:1 MAX.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR PROPOSED GUARDRAIL LOCATIONS.

SEE SECTION 5 PLAN SHEETS FOR PROPOSED TURN LANE LOCATIONS

SEE EROSION CONTROL SHEETS FOR TOPSOIL AND FINISHING INFORMATION.

(B) EXISTING ± 4" OF BASE AGGREGATE MATERIAL AND EXISTING SUBBASE TO REMAIN

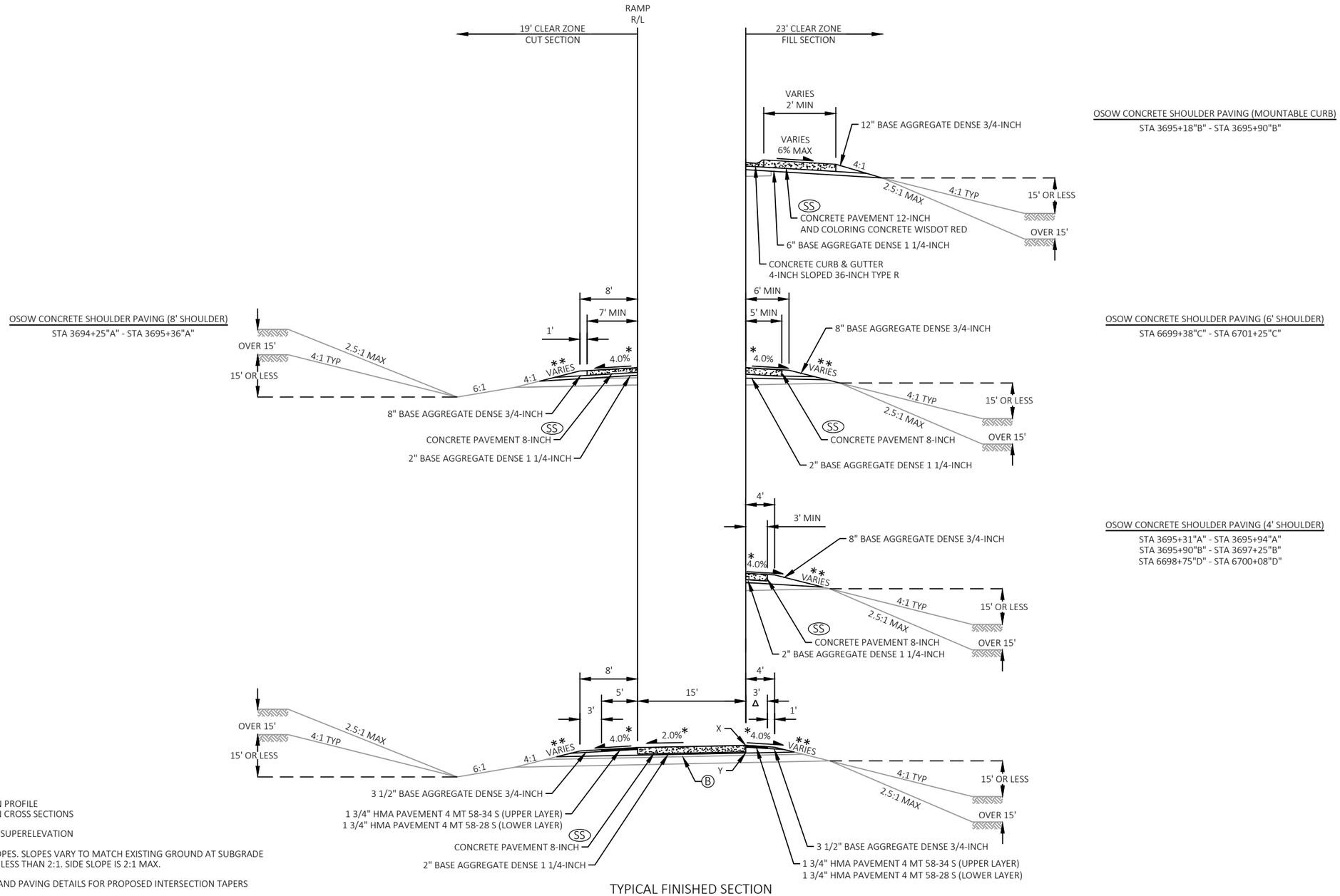
(C) SEE PAVING DETAILS FOR ADDITIONAL INFORMATION
CONCRETE CURB & GUTTER 30-INCH TYPE K:
STA 259+87"EB" - STA 260+46"EB"
STA 259+87"WB" - STA 260+18"WB"
CONCRETE CURB & GUTTER 30-INCH TYPE L:
STA 260+18"WB" - STA 261+55"WB" (SEE CONSTRUCTION DETAILS FOR ASPHALTIC SURFACE PATCHING AT CURB & GUTTER REPLACEMENT)

(SS) TREAT ALL NEWLY CONSTRUCTED CONCRETE PAVEMENT SAW CUTS WITH CONCRETE SILANE SEALER FOR PCC SAW CUTS.

TYPICAL FINISHED SECTION
STH 70

STA 248+75"EB" - STA 254+12"EB"(B-65-30)
STA 256+46"EB"(B-65-30) - STA 260+46"EB"
STA 248+75"WB" - STA 254+04"WB"(B-65-30)
STA 256+37"WB"(B-65-30) - STA 260+18"WB"

2



TYPICAL FINISHED SECTION
USH 53/STH 70 RAMPS

SB RAMPS SHOWN, MIRROR FOR NB RAMPS
STA 3680+88"A" - STA 3696+08"A"
STA 3694+79"B" - STA 3719+42"B"
STA 6699+24"C" - STA 6714+35"C"
STA 6675+34"D" - STA 6700+61"D"

NOTES

X= POINT REFERENCED TO ON PROFILE
Y= POINT REFERENCED TO ON CROSS SECTIONS

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

** SEE CROSS SECTIONS FOR SLOPES. SLOPES VARY TO MATCH EXISTING GROUND AT SUBGRADE SHOULDER POINT IF SLOPE IS LESS THAN 2:1. SIDE SLOPE IS 2:1 MAX.

SEE SECTION 5 PLAN SHEETS AND PAVING DETAILS FOR PROPOSED INTERSECTION TAPERS

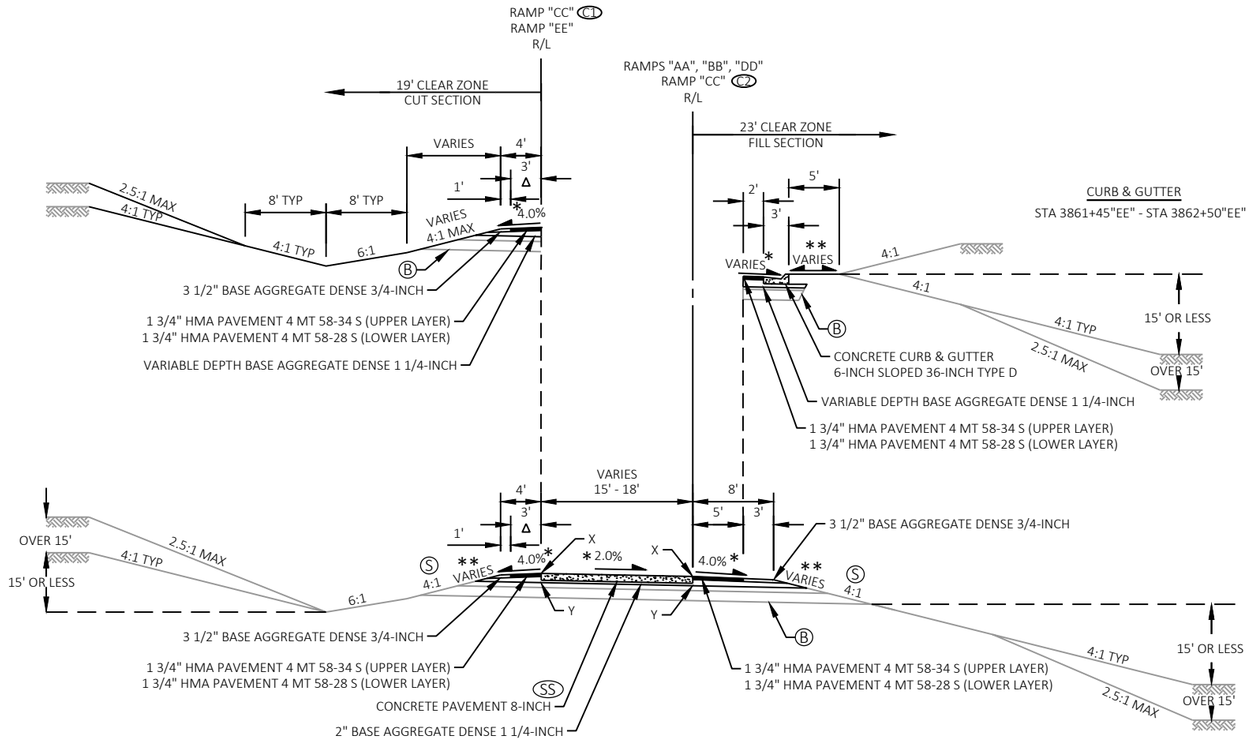
SEE EROSION CONTROL SHEETS FOR TOPSOIL AND FINISHING INFORMATION.

Ⓑ EXISTING ± 4" OF BASE AGGREGATE MATERIAL AND EXISTING SUBBASE TO REMAIN

Δ PAVEMENT SAFETY EDGE REQUIRED FOR PAVED SHOULDERS 3' OR LESS, SEE SDD "SAFETY EDGE".

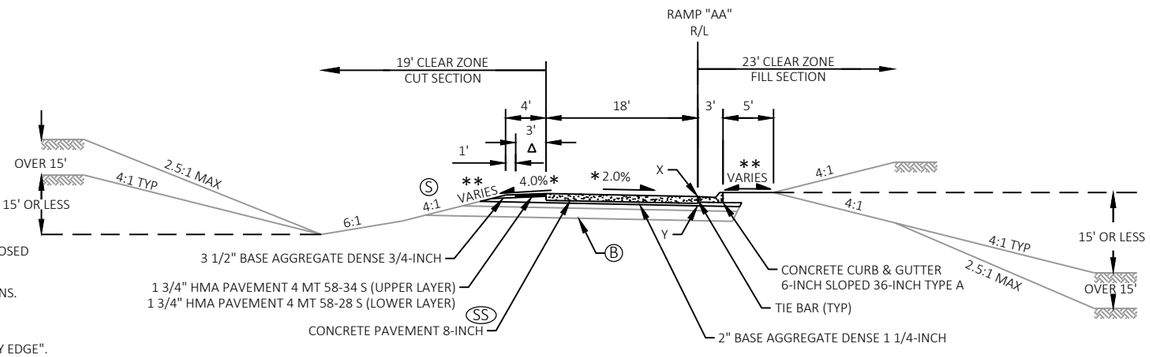
Ⓢ TREAT ALL NEWLY CONSTRUCTED CONCRETE PAVEMENT SAW CUTS WITH CONCRETE SILANE SEALER FOR PCC SAW CUTS.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET 16	E



TYPICAL FINISHED SECTION
USH 53/USH 63 RAMPS

STA 3829+19"AA" - STA 3839+02"AA"
STA 6815+93"BB" - STA 6852+75"BB" (M)
STA 3816+00 "CC" - STA 3823+10"CC" (C1)
STA 3843+69"CC" - STA 3846+65"CC" (C2)
*** STA 3846+91"CC" - STA 3847+41"CC" (C2)
STA 3843+69"DD" - STA 3861+17"DD"
STA 3861+45"EE" - STA 3863+88"EE"



TYPICAL FINISHED SECTION
USH 53/USH 63 RAMP
STA 3839+02"AA" - STA 3844+09"AA"

NOTES

X= POINT REFERENCED TO ON PROFILE
Y= POINT REFERENCED TO ON CROSS SECTIONS

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

** SEE CROSS SECTIONS FOR SLOPES. SLOPES VARY TO MATCH EXISTING GROUND AT SUBGRADE SHOULDER POINT IF SLOPE IS LESS THAN 2:1. SIDE SLOPE IS 2:1 MAX.

*** THIS SEGMENT IS WITHIN THE USH 53 MEDIAN. SEE THE PAVING DETAILS FOR FOR PROPOSED LAYOUT AND ADDITIONAL INFORMATION.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR PROPOSED GUARDRAIL LOCATIONS.

SEE EROSION CONTROL SHEETS FOR TOPSOIL AND FINISHING INFORMATION.

Δ PAVEMENT SAFETY EDGE REQUIRED FOR PAVED SHOULDERS 3' OR LESS, SEE SDD "SAFETY EDGE".

(B) EXISTING ± 4" OF BASE AGGREGATE MATERIAL AND EXISTING SUBBASE TO REMAIN

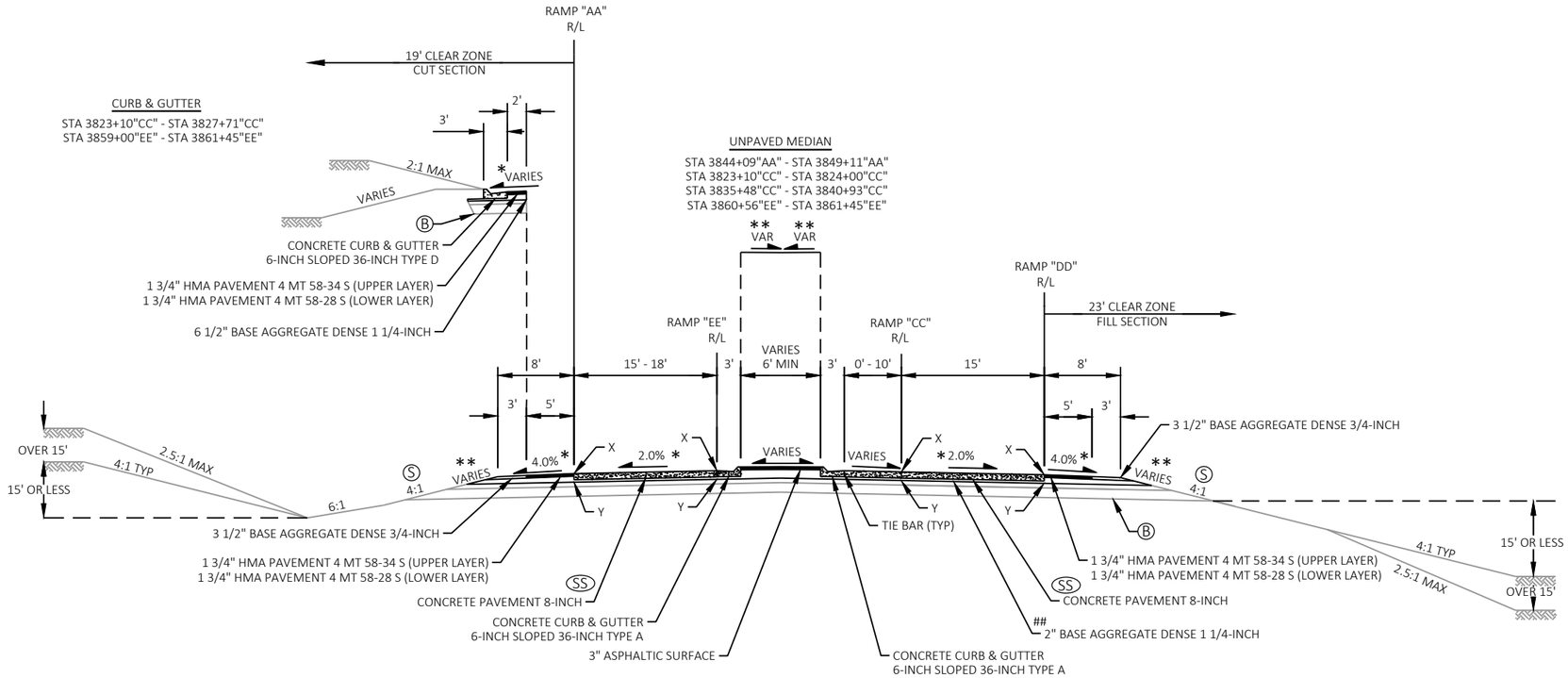
(M) MIRROR TYPICAL FOR THIS RAMP

(S) EXISTING SIDE SLOPES VARY, TYPICAL VALUES SHOWN

EXTEND BASE AGG DENSE 2' BEHIND CURB & GUTTER

(SS) TREAT ALL NEWLY CONSTRUCTED CONCRETE PAVEMENT SAW CUTS WITH CONCRETE SILANE SEALER FOR PCC SAW CUTS.

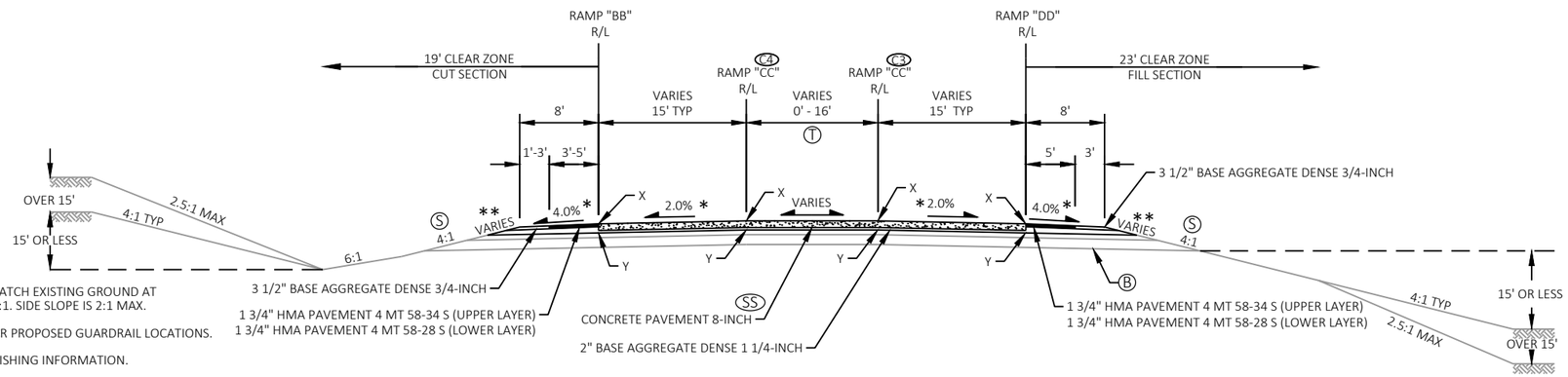
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET 17	E



TYPICAL FINISHED SECTION
USH 53/USH 63 RAMPS

(THIS TYPICAL SECTION IS DRAWN IN THE DIRECTION OF RAMP "CC", RAMP "AA" AND "EE" STATIONING RUNS THE OPPOSITE DIRECTION)

STA 3844+09"AA" - STA 3853+00"AA"
STA 3823+10"CC" - STA 3840+93"CC"
STA 3840+00"DD" - STA 3840+92"DD"
STA 3859+00"EE" - STA 3861+45"EE"



TYPICAL FINISHED SECTION
USH 53/USH 63 RAMPS

STA 6815+19"BB" - STA 6815+93"BB"
STA 3815+25"CC" - STA 3816+00"CC" (C3)
STA 3840+93"CC" - STA 3843+69"CC" (C4)
STA 3840+92"DD" - STA 3843+69"DD"

NOTES

X= POINT REFERENCED TO ON PROFILE
Y= POINT REFERENCED TO ON CROSS SECTIONS

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

** SEE CROSS SECTIONS FOR SLOPES. SLOPES VARY TO MATCH EXISTING GROUND AT SUBGRADE SHOULDER POINT IF SLOPE IS LESS THAN 2:1. SIDE SLOPE IS 2:1 MAX.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR PROPOSED GUARDRAIL LOCATIONS.

SEE EROSION CONTROL SHEETS FOR TOPSOIL AND FINISHING INFORMATION.

Ⓑ EXISTING ± 4" OF BASE AGGREGATE MATERIAL AND EXISTING SUBBASE TO REMAIN

Ⓢ EXISTING SIDE SLOPES VARY, TYPICAL VALUES SHOWN

EXTEND BASE AGG DENSE 2' BEHIND CURB & GUTTER

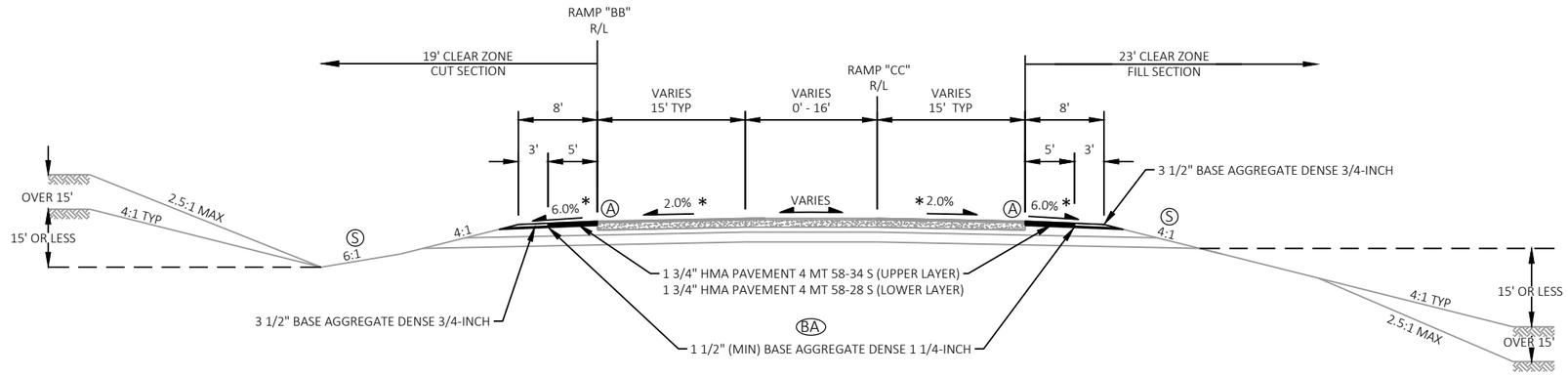
(SS) TREAT ALL NEWLY CONSTRUCTED CONCRETE PAVEMENT SAW CUTS WITH CONCRETE SILANE SEALER FOR PCC SAW CUTS.

Ⓣ SEE CONSTRUCTION DETAIL FOR PAVEMENT TRANSITION LOCATIONS AND DETAILS.

DUE TO PROPOSED SUPERELEVATION CHANGE, PLACE 6" BASE AGGREGATE DENSE 1 1/4-INCH FROM STA 3833+87"CC" - STA 3839+00"CC"

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET 18	E

2



TYPICAL FINISHED SECTION
USH 53/USH 63 RAMPS
STA 6811+50"BB" - STA 6815+19"BB", LT
STA 3813+85"CC" - STA 3815+25"CC", RT

NOTES

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

ⒷⒶ THE UNDERLYING BASE AGGREGATE IS TO REMAIN IN SHOULDER REPLACEMENT AREAS, ADD 1 1/2" (MIN) BASE AGGREGATE DENSE 1 1/4-INCH

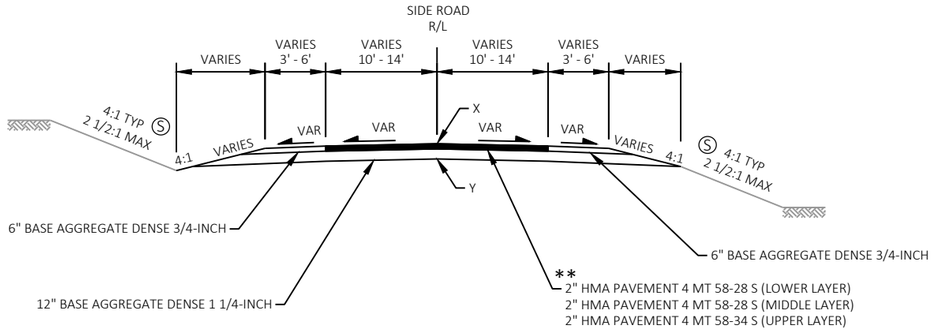
Ⓐ SAWING ASPHALT

Ⓢ EXISTING SIDE SLOPES VARY, TYPICAL VALUES SHOWN

SEE EROSION CONTROL SHEETS FOR TOPSOIL AND FINISHING INFORMATION.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET 19	E

2



TYPICAL FINISHED SECTION
SIDE ROADS

CRANBERRY DR (WEST)
CRANBERRY DR (EAST)
OJIBWA RD
BITTERSWEET DR
CTH H

NOTES

X= POINT REFERENCED TO ON PROFILE
Y= POINT REFERENCED TO ON CROSS SECTIONS

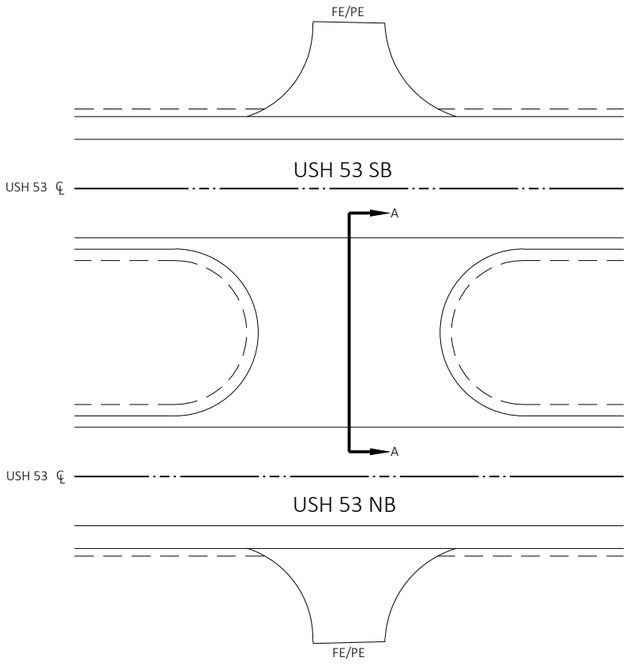
** CRANBERRY DRIVE (WEST AND EAST) DO NOT HAVE AN ASPHALTIC PAVEMENT SURFACE BEYOND THE PAVED APRON

Ⓢ EXISTING SIDE SLOPES VARY, TYPICAL VALUES SHOWN

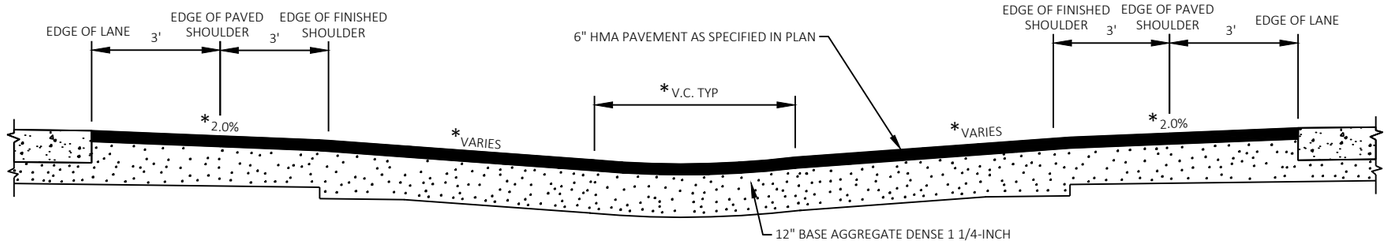
SEE INTERSECTION DETAILS FOR PAVING LIMITS

SEE EROSION CONTROL SHEETS FOR TOPSOIL AND FINISHING INFORMATION

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TYPICAL SECTIONS	SHEET 20	E



PLAN VIEW



SECTION A-A

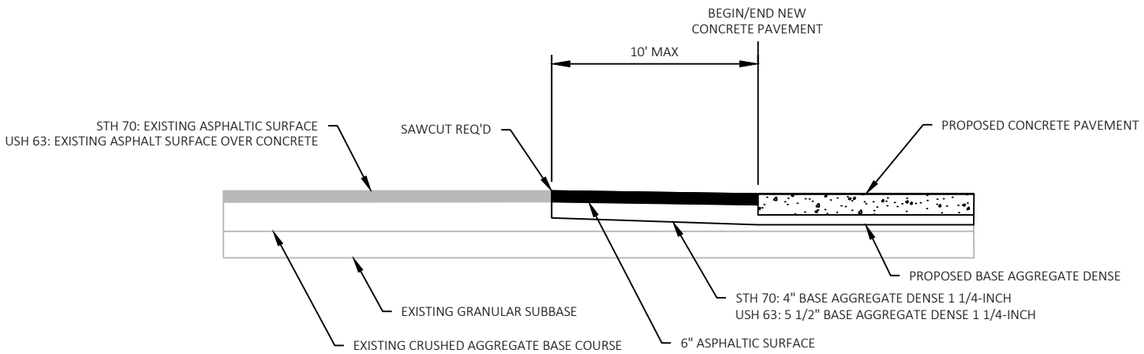
DETAIL OF DRIVEWAY MEDIAN OPENINGS

SEE SECTION 5 PLAN SHEETS FOR LOCATIONS

NOTES

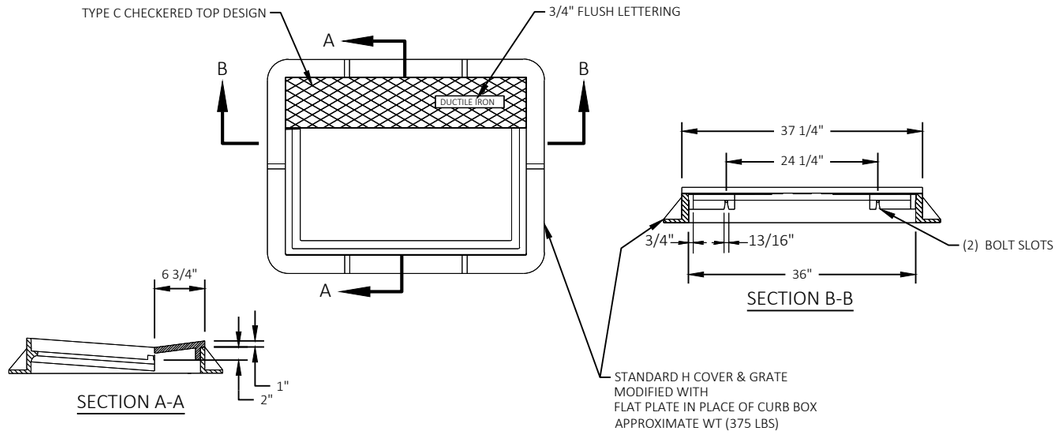
* SEE CROSS SECTIONS FOR ADDITIONAL INFORMATION

SEE CONSTRUCTION DETAILS FOR LAYOUT INFORMATION



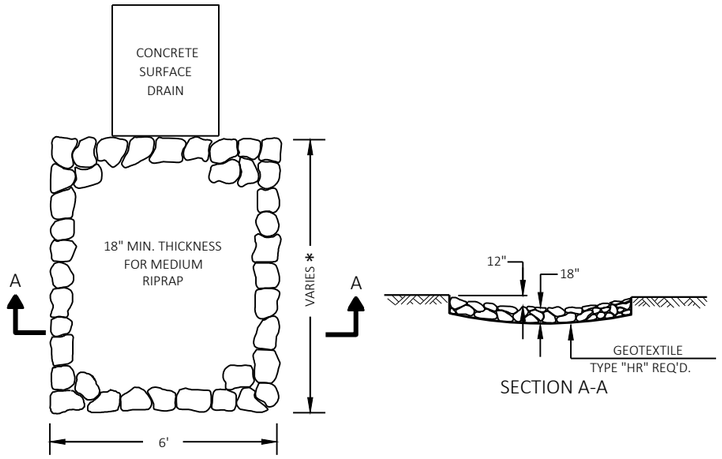
PAVEMENT TRANSITION DETAIL

STA 248+65"EB" - STA 248+75"EB"
STA 260+46"EB" - STA 260+56"EB"
STA 248+65"WB" - STA 248+75"WB"
STA 260+18"WB" - STA 260+28"WB"
STA 6815+14"BB" - STA 6815+19"BB"
STA 3815+20"CC" - STA 3815+25"CC"



INLET COVER TYPE H-D

(WITH MOUNTABLE CURB PLATE)
STA 251+60"EB", LT
STA 259+84"EB", LT



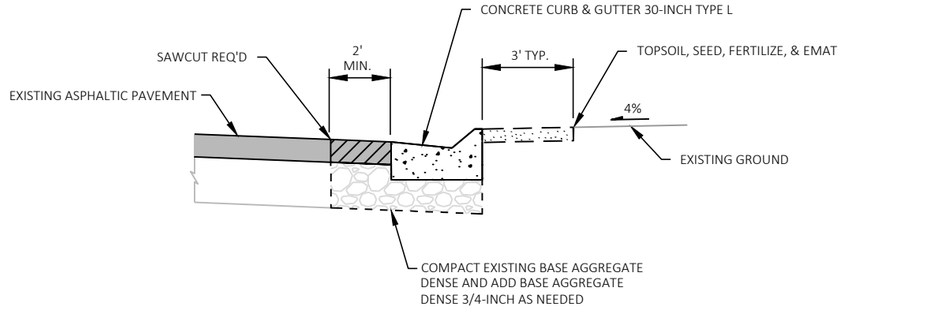
SECTION A-A

RIPRAP MEDIUM TREATMENT DETAIL

STA 253"WB"+57, LT	STA 3822+06, RT
STA 253"EB"+62, RT	STA 6721+14, LT
STA 3720+72, RT	STA 6721+20, RT
STA 3720+74, LT	STA 6821+69, LT
STA 3821+76, LT	STA 6822+09, RT

NOTE

* SEE EROSION CONTROL PLANS FOR LENGTH OF RIPRAP



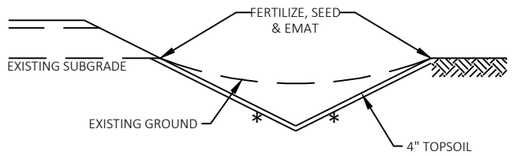
DETAIL OF CURB & GUTTER INSTALLATION OUTSIDE PAVEMENT REPLACEMENT

STA 260+18"WB" - STA 261+55"WB"

NOTES

FOR DETAILS NOT SHOWN, SEE SDD "CONCRETE CURB, CONCRETE CURB & GUTTER AND TIES"

SEE PAVING DETAILS FOR ADDITIONAL INFORMATION



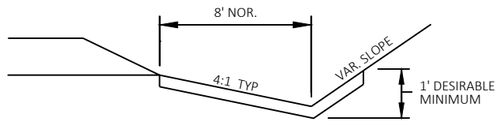
DITCH CLEANING DETAIL

STA 6589+68, FROM AEW TO 89' LT
STA 6615+93 - STA 6616+23, LT
STA 6671+07, FROM AEW TO 90' LT
STA 6683+06 - STA 6683+31, LT
STA 6695+97 - STA 6696+77, LT
STA 6711+08, FROM AEW TO 76' LT
STA 6717+05, FROM AEW TO 75' LT
STA 6749+73, FROM AEW TO 81' LT
STA 3773+24 - STA 3773+44, RT
STA 6705+59"C", FROM AEW TO 66' LT

NOTES

* SLOPES VARY, 4:1 MAX

SEE SECTION 5 SHEETS FOR ADDITIONAL DRAINAGE WORK
THAT MAY BE OCCURRING IN DITCH CLEANING AREAS

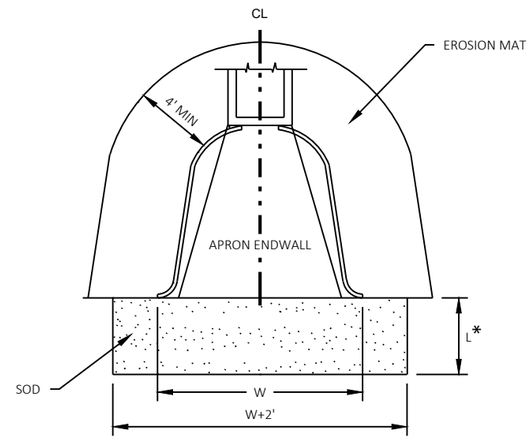


EROSION MAT DETAIL FOR DITCHES

SPOT AREAS OF DITCH GRADING

NOTE

SEE EROSION CONTROL PLANS FOR EROSION MAT TYPE

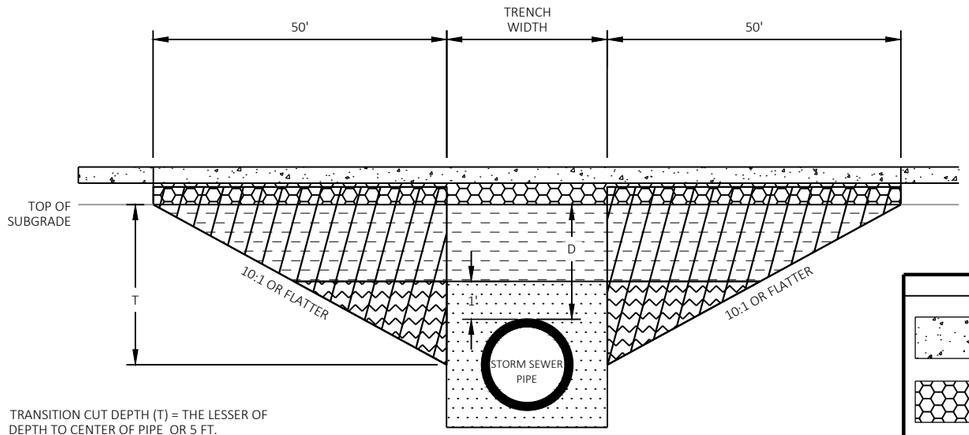


DETAIL OF SOD EROSION CONTROL AT PIPE ENDS

NOTES

* L = 3 TIMES DIAMETER OR 10' MIN, UNLESS OTHERWISE
NOTED ON EROSION CONTROL SHEETS

SEE EROSION CONTROL PLANS FOR LOCATIONS (W X L)

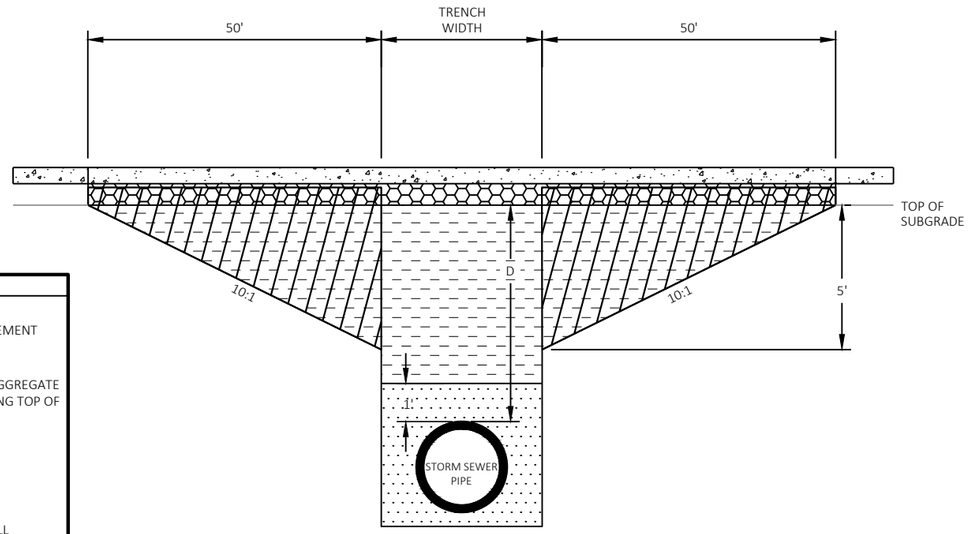


TRANSITION CUT DEPTH (T) = THE LESSER OF
DEPTH TO CENTER OF PIPE OR 5 FT.
DO NOT EXTEND TRANSITION CUT BELOW HORIZONTAL CENTER OF PIPE.

DEPTH D < 6 FT

LEGEND

- PROPOSED 9 1/2" CONCRETE PAVEMENT
- PROPOSED BASE (18" MIN BASE AGGREGATE DENSE 1-1/4-INCH, MATCH EXISTING TOP OF SUBGRADE)
- TRENCH BACKFILL
- TRENCH OR FOUNDATION BACKFILL
- FOUNDATION BACKFILL
- TRANSITION CUT



DEPTH D ≥ 6 FT

NOTES

TRANSITION CUT IS PAID AS EXCAVATION COMMON

TRANSITION CUT WIDTH IS FROM SUBGRADE SHOULDER POINT TO SUBGRADE SHOULDER POINT

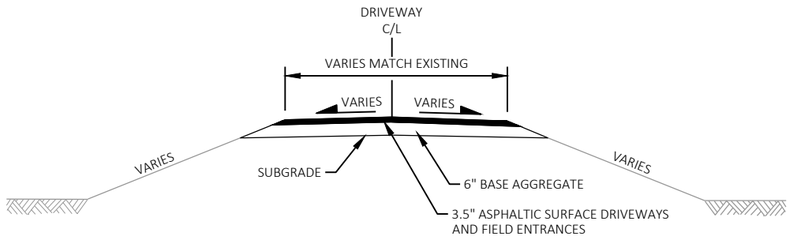
BACKFILL THE TRANSITION CUT AREAS WITH FOUNDATION AND TRENCH BACKFILL AS SPECIFIED IN STANDARD SPEC 608

* DEPTH IS MEASURED AT THE DEEPEST PORTION OF THE PIPE WITHIN THE SHOULDER POINTS

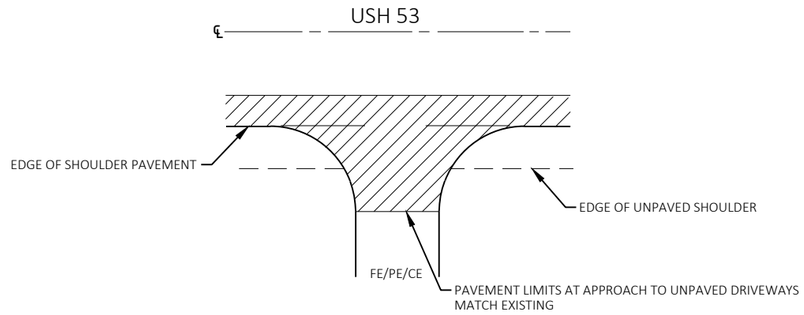
PIPE TRANSITION DETAIL

ROUTE	STA (CL)	DEPTH D (FT)*	PIPE DIA (IN)
USH 53	3710+45	4.2'	42" STORM SEWER
USH 53	6725+46	3.8'	24" STORM SEWER
USH 53	3827+09"CC"	3.9'	18" STORM SEWER
USH 53	3830+11"CC"	4.2'	18" STORM SEWER
USH 53	3833+08"CC"	3.8'	18" STORM SEWER
USH 53	3836+07"CC"	5.4'	18" STORM SEWER
USH 53	3839+07"CC"	3.9'	18" STORM SEWER

2



CROSS SECTION VIEW



PLAN VIEW

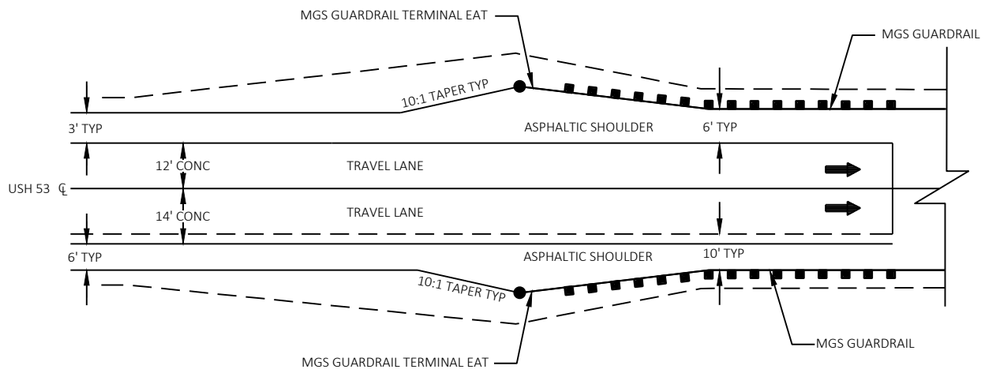
NOTES

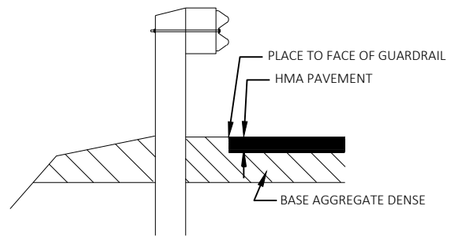
ALL DRIVEWAYS SHALL MEET EXISTING LAYOUT AND PAVING LIMITS UNLESS DIRECTED OTHERWISE BY THE ENGINEER, IF EXISTING DRIVEWAYS HAVE NO ADDITIONAL PAVING LIMITS FOLLOW SDD "DRIVEWAYS WITHOUT CURB AND GUTTER"

SEE CONSTRUCTION DETAILS DRIVEWAY MEDIAN OPENINGS AND INTERSECTION DETAILS FOR ADDITIONAL LAYOUT INFORMATION

UNPAVED DRIVEWAY DETAIL

SEE SECTION 5 PLAN SHEETS





NOTES

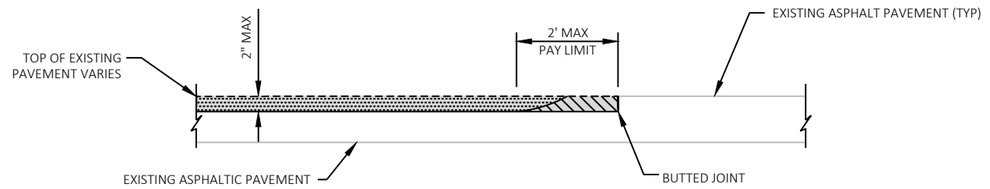
SEE CONSTRUCTION DETAILS, PAVING DETAILS AND SDD "MIDWEST GUARDRAIL SYSTEM (MGS) EAT" FOR ADDITIONAL INFORMATION

PAVED SHOULDER AT GUARDRAIL NOT REQUIRED FOR TEMPORARY GUARDRAIL LOCATIONS

PAVED SHOULDER AT GUARDRAIL DETAIL

2

USH 53 SHOULDER



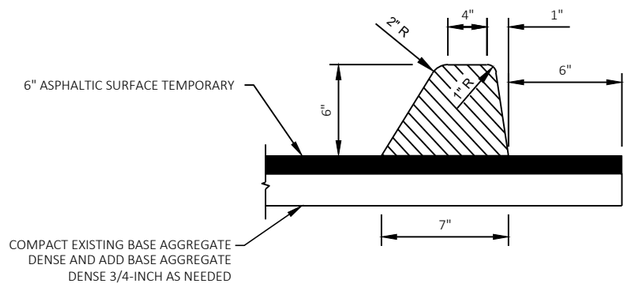
REMOVING ASPHALTIC SURFACE BUTT JOINTS
DO NOT REMOVE MATERIAL UNDER THIS ITEM UNTIL 24 HOURS BEFORE PAVING

REMOVING ASPHALTIC SURFACE MILLING (VARIABLE DEPTH, 2" MAX)

PROPOSED ASPHALTIC SURFACE OVERLAY (2")

BUTT JOINT DETAIL

STA 3865+75, RT
STA 3874+75, RT
STA 6866+25, LT
STA 6876+00, LT



ASPHALTIC CURB DETAIL

STA 6721+09 - STA 6721+56, RT
STA 6720+95 - STA 6721+46, LT

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CONSTRUCTION DETAILS	SHEET 25	E

2

NOTES

* W-BEAM TO THRIE BEAM TRANSITION & 12'-6" NESTED W-BEAM SECTION, SEE SDD "MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)" FOR ADDITION INFORMATION.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

** PLACE FLUME BEFORE MSG THRIE BEAM TRANSITION POST 1.

STAGE 1A
STA 6719+35 - STA 6721+52, RT (SB SIDE OF BULLNOSE)
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENT (REMOVE)

STA 6719+57 - STA 6721+50, RT
MGS GUARDRAIL TEMPORARY
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSITION
MGS GUARDRAIL TEMPORARY TERMINAL EAT
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END (STA 6721+50)

STAGE 1B
STA 6720+43 - STA 6721+35, LT
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSITION
MGS GUARDRAIL TEMPORARY TERMINAL EAT
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END (STA 6721+35)

STAGE 4
STA 6719+57 - STA 6721+50, RT
STA 6720+43 - STA 6721+35, LT
REMOVE MGS GUARDRAIL TEMPORARY (INCIDENTAL TO ITEM)

STAGE 1A
STA 6721+09 - STA 6721+57, RT
REMOVE CONCRETE PAVEMENT
REMOVE SURFACE DRAIN
ASPHALTIC SURFACE TEMPORARY
ASPHALTIC CURB
ASPHALTIC FLUME **

STAGE 1B
STA 6720+95 - STA 6721+46, LT
REMOVE CONCRETE PAVEMENT
REMOVE SURFACE DRAIN
REMOVE STORM SEWER 12-INCH LT OF ROADWAY
ASPHALTIC SURFACE TEMPORARY
ASPHALTIC CURB
ASPHALTIC FLUME **

STAGE 1A
STA 6722+88 - STA 6724+65, RT (SB SIDE OF BULLNOSE)
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

STA 6722+88 - STA 6723+60, RT
MGS GUARDRAIL TEMPORARY THRIE BEAM CONNECTION *
MGS GUARDRAIL TEMPORARY TERMINAL EAT
CONNECT TO EXISTING GUARDRAIL AT STA 6722+88

STAGE 4
STA 6722+22 - STA 6723+16, LT
STA 6722+36 - STA 6722+88, RT
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

STA 6722+88 - STA 6723+60, RT
REMOVE MGS GUARDRAIL TEMPORARY (INCIDENTAL TO ITEM)

N

SEE STAGE 1 TEMP CROSS SECTIONS FOR ADDITIONAL INFORMATION

SEE SECTION 5 SHEETS FOR ADDITIONAL STAGE 1 WORK TO ADDRESS EXISTING DRAINAGE MODIFICATIONS

YELLOW RIVER

6719+53
6720+43
6720+93
6721+35
6722+22
6723+16

B-65-22
CONCRETE OVERLAY & OTHER REPAIRS
(SEE STRUCTURE PLANS)

USH 53 SB

6719+00 6720+00 6721+00 6722+00 6723+00 6724+00 6725+00

6719+57
6720+07
6721+50
6722+36
6722+88
6723+10
6723+60
6724+64

SEE SECTION 5 SHEETS FOR ADDITIONAL STAGE 1 WORK TO ADDRESS EXISTING DRAINAGE MODIFICATIONS

SEE STAGE 1 TEMP CROSS SECTIONS FOR ADDITIONAL INFORMATION

SEE STAGE 2 CROSS SECTIONS FOR ADDITIONAL INFORMATION

END BASE AGG SHOULDER
3725+00

6719+35
3718+75
3719+61
3720+11
3721+03
3721+89
3723+32
3723+82

B-65-23
CONCRETE OVERLAY & OTHER REPAIRS
(SEE STRUCTURE PLANS)

USH 53 NB

3719+00 3720+00 3721+00 3722+00 3723+00 3724+00

3720+23
3721+18
3722+04
3722+46
3722+96
3724+15

POST

SEE STAGE 2 CROSS SECTIONS FOR ADDITIONAL INFORMATION

STAGE 1A
STA 3718+75 - STA 3721+03, LT
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

STA 3719+61 - STA 3721+03, LT
MGS GUARDRAIL TEMPORARY
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSISTION
MGS GUARDRAIL TEMPORARY TERMINAL EAT
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END (STA 3721+03)

STAGE 2
STA 3720+23 - STA 3721+18, RT
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

STA 3719+61 - STA 3721+03, LT
ADJUST MGS GUARDRAIL TEMPORARY (AS REQUIRED)

STAGE 5
STA 3719+61 - STA 3721+03, LT
REMOVE MGS GUARDRAIL TEMPORARY (INCIDENTAL TO ITEM)

YELLOW RIVER

STAGE 1A
STA 3721+89 - STA 3724+04, LT (NB SIDE OF BULLNOSE)
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

STAGE 2
STA 3721+89 - STA 3723+82, LT
MGS GUARDRAIL TEMPORARY
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSITION
MGS GUARDRAIL TEMPORARY TERMINAL EAT
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END (STA 3721+89)

STA 3722+04 - STA 3722+96, RT
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSITION
MGS GUARDRAIL TEMPORARY TERMINAL EAT
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END (STA 3722+04)

STAGE 5
STA 3721+89 - STA 3723+82, LT
STA 3722+04 - STA 3722+96, RT
REMOVE MGS GUARDRAIL TEMPORARY (INCIDENTAL TO ITEM)

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CONSTRUCTION DETAILS - TEMPORARY GUARDRAIL AND GUARDRAIL REMOVAL PLAN	SHEET 26	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\021002-CD.DWG
LAYOUT NAME - 01
PLOT DATE : 3/1/2022 9:07 AM
PLOT BY : DREW NELSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

NOTE
SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

N

WILD RIVERS STATE TRAIL

USH 53 NB&SB/USH 63 ENTRANCE

USH 53 NB/USH 63 EXIT

SEE PAVING DETAILS FOR GUARDRAIL REMOVALS ON USH 63 RAMPS

STAGE 4
STA 6820+15 - STA 6822+39, RT
STA 6820+30 - STA 6821+91, LT
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

6820+30

6821+91

B-65-25
POLYMER OVERLAY & OTHER REPAIRS
(SEE STRUCTURE PLANS)

6820+00 6821+00 6822+00 USH 53 SB 6823+00 6824+00 6825+00

6820+15

6822+39

3819+09

3819+21

3820+39

3820+89

3822+06

B-65-24
POLYMER OVERLAY & OTHER REPAIRS
(SEE STRUCTURE PLANS)

3819+00 3820+00 3821+00 3822+00 USH 53 NB 3823+00 3824+00 3825+00

3820+17

3822+52

WISCONSIN GREAT NORTHERN RAILROAD

STAGE 2
STA 3819+09 - STA 3822+06, LT
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)
SALVAGED RAIL (REMOVE)

STA 3820+39 - STA 3822+06, LT
MGS GUARDRAIL TEMPORARY
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSITION
MGS GUARDRAIL TEMPORARY TERMINAL EAT
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END (STA 3822+06)

STA 3820+17 - STA 3822+52, RT
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

STAGE 5
STA 3820+39 - STA 3822+06, LT
REMOVE MGS GUARDRAIL TEMPORARY (INCIDENTAL TO ITEM)

2

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CONSTRUCTION DETAILS - TEMPORARY GUARDRAIL AND GUARDRAIL REMOVAL PLAN	SHEET 27	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\021002-CD.DWG
LAYOUT NAME - 02

PLOT DATE : 3/1/2022 9:07 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTE
SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

N

USH 53 SB/USH 63 EXIT

STAGE 4
STA 6825+40 - STA 6828+12, LT
STA 6825+86 - STA 6828+84, RT
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

6825+40
6828+12
6826+00
6827+00
6828+00
USH 53 SB
6829+00
6830+00
6831+00
B-65-25
POLYMER OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)
6825+86
6828+84

3827+76
3825+54
3825+00
3826+00
3827+00
3828+00
USH 53 NB
3829+00
3830+00
B-65-24
POLYMER OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)
3825+99
3827+60

STAGE 2
STA 3825+54 - STA 3827+76, LT
STA 3825+99 - STA 3827+60, RT
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

USH 53 NB&SB/USH 63 ENTRANCE
USH 53 NB/USH 63 EXIT

2

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CONSTRUCTION DETAILS - TEMPORARY GUARDRAIL AND GUARDRAIL REMOVAL PLAN	SHEET 28	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\021002-CD.DWG
LAYOUT NAME - 03
PLOT DATE : 3/1/2022 9:08 AM
PLOT BY : DREW NELSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

NOTES
SEE PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION ON USH 53 UNDER THE STH 70 OVERPASS AND ON THE USH 63 RAMPS.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

SEE CONSTRUCTION DETAIL FOR STAGING OF GUARDRAIL REMOVALS AND INSTALLATIONS AT THE YELLOW RIVER BRIDGES.

N

STAGE 4
STA 6722+22 - STA 6724+77, LT
MGS GUARDRAIL
MGS THRIE BEAM TRANSITION
MGS GUARDRAIL TERMINAL EAT
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END

YELLOW RIVER

END ASPHALT TAPER
6725+17
20', LT

6722+22
22', LT

6724+27
22', LT

6724+77
24', LT

B-65-22
CONCRETE OVERLAY & OTHER REPAIRS
(SEE STRUCTURE PLANS)

USH 53 SB

6719+00 6720+00 6721+00 6722+00 6723+00 6724+00 6725+00

R2
6719+76
19', RT

6720+43
15', RT

6719+75
37', RT

6719+62
40', RT

R1=5'

R1
6719+64
45', RT

6719+82
59', RT

6720+12
56', RT

6719+62
50', RT

6720+73
18', RT

6721+50
18', RT

6721+64
56', RT

6722+36
18', RT

6722+50
56', RT

6722+89
56', RT

6723+88
18', RT

6724+18
15', RT

6724+25
21', RT

R3=34'

R4
6724+36
29', RT

R4=5'

6724+38
24', RT

6724+38
34', RT

6724+25
37', RT

R3
6724+24
55', RT

R2=34'

6719+74
53', RT

6723+19
59', RT

B-65-23
CONCRETE OVERLAY & OTHER REPAIRS
(SEE STRUCTURE PLANS)

USH 53 NB

3719+00 3720+00 3721+00 3722+00 3723+00 3724+00

3718+63
24', RT

3719+13
22', RT

POST

3721+18
22', RT

BEGIN ASPHALT TAPER
3718+18
19', RT

STAGE 2
STA 3718+62 - STA 3721+18, RT
MGS GUARDRAIL
MGS THRIE BEAM TRANSITION
MGS GUARDRAIL TERMINAL EAT
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END

STAGE 5
STA 6719+59 - STA 6721+64, RT
STA 6719+59 - STA 6721+50, RT
STEEL THRIE BEAM
STEEL THRIE BEAM STRUCTURE APPROACH
STEEL THRIE BEAM BULLNOSE TERMINAL
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END
(INSTALLED IN PREVIOUS STAGE)

YELLOW RIVER

STAGE 5
STA 6722+36 - STA 6724+41, RT
STA 6722+36 - STA 6724+41, RT
STEEL THRIE BEAM
STEEL THRIE BEAM STRUCTURE APPROACH
STEEL THRIE BEAM BULLNOSE TERMINAL
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END
(INSTALLED AT STA 3721+89 IN PREVIOUS STAGE)

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CONSTRUCTION DETAILS - ULTIMATE GUARDRAIL	SHEET 29	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\021003-CD.DWG
LAYOUT NAME - 01
PLOT DATE : 2/22/2022 2:03 PM
PLOT BY : DREW NELSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTES
SEE PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION ON USH 53 UNDER THE STH 70 OVERPASS AND ON THE USH 63 RAMPS.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

N

WILD RIVERS STATE TRAIL

USH 53 NB&SB/USH 63 ENTRANCE

USH 53 NB/USH 63 EXIT

B-65-25
POLYMER OVERLAY & OTHER REPAIRS
(SEE STRUCTURE PLANS)

USH 53 SB

6820+00 6821+00 6822+00 6823+00 6824+00 6825+00

R2
3820+06
55', LT

6821+59
15', RT

6820+69
37', RT

6820+57
40', RT

R1=5'

R1
3819+94
29', LT

6820+76
59', RT

6820+57
50', RT

R2=34'

6820+69
53', RT

6821+06
56', RT

6821+93
18', RT

6822+39
18', RT

6822+71
56', RT

B-65-24
POLYMER OVERLAY & OTHER REPAIRS
(SEE STRUCTURE PLANS)

USH 53 NB

3819+00 3820+00 3821+00 3822+00 3823+00 3824+00 3825+00

3819+57
20', RT

3819+97
24', RT

3820+47
22', RT

3822+52
22', RT

WISCONSIN GREAT NORTHERN RAILROAD

STAGE 2
STA 3819+97 - STA 3822+52, RT
MGS GUARDRAIL
MGS THRIE BEAM TRANSITION
MGS GUARDRAIL TERMINAL EAT
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END

STAGE 5
STA 6820+53 - STA 6822+39, RT
STA 6820+53 - STA 6822+71, RT
STEEL THRIE BEAM
STEEL THRIE BEAM STRUCTURAL APPROACH
STEEL THRIE BEAM BULLNOSE TERMINAL
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END
(INSTALLED AT STA 3822+06 IN PREVIOUS STAGE)

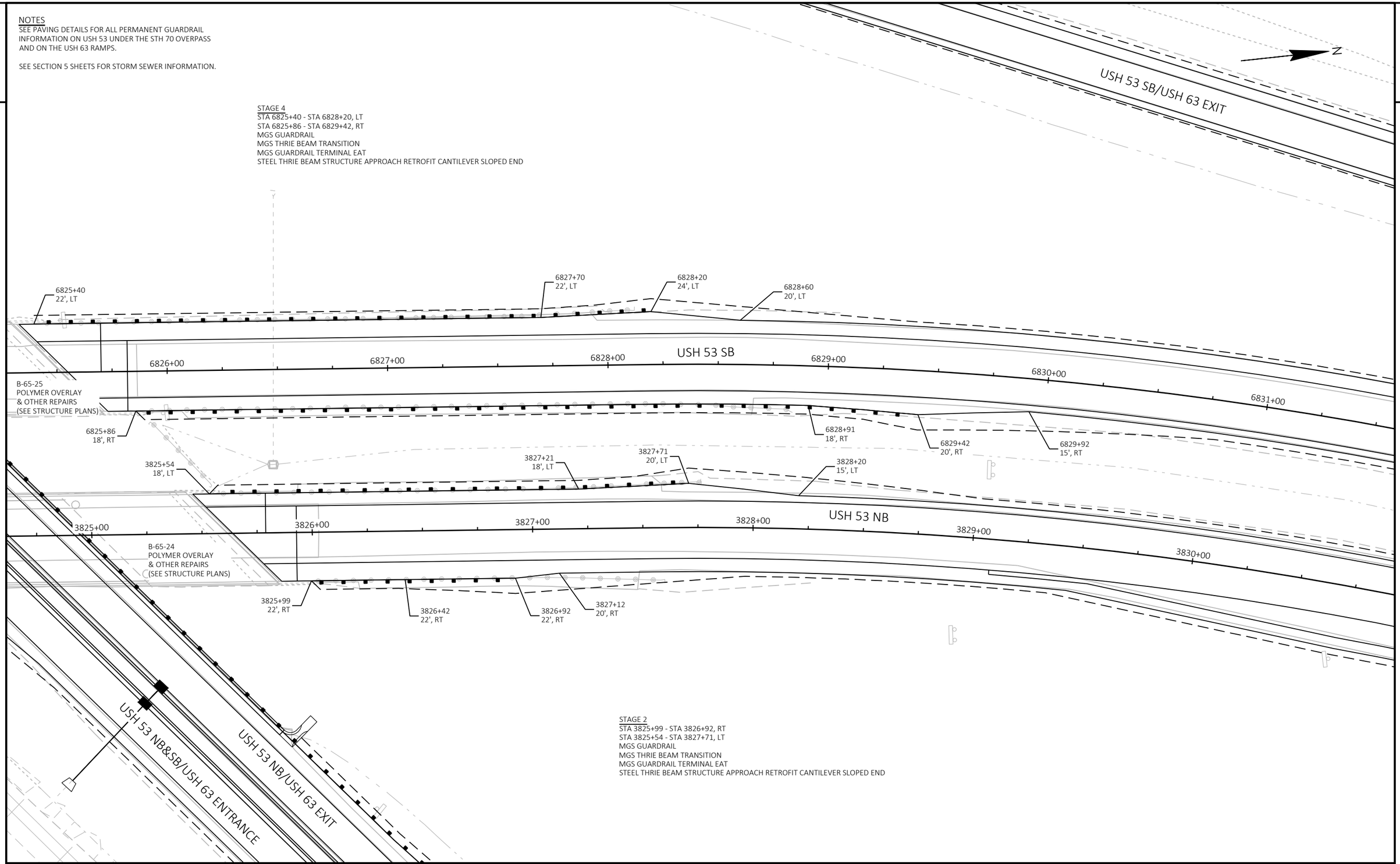
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CONSTRUCTION DETAILS - ULTIMATE GUARDRAIL	SHEET 30	E

2

NOTES
SEE PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION ON USH 53 UNDER THE STH 70 OVERPASS AND ON THE USH 63 RAMPS.

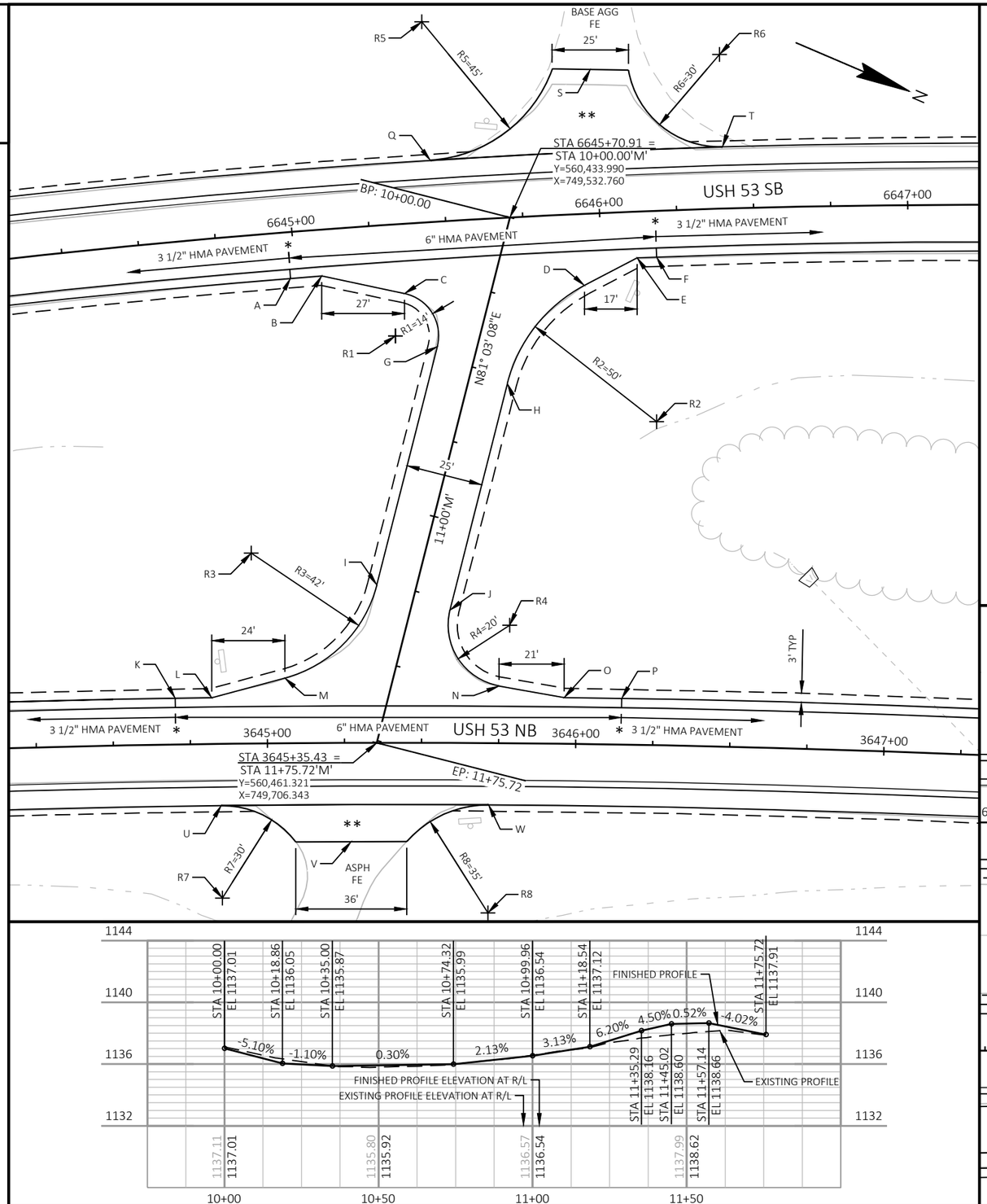
SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

STAGE 4
STA 6825+40 - STA 6828+20, LT
STA 6825+86 - STA 6829+42, RT
MGS GUARDRAIL
MGS THRIE BEAM TRANSITION
MGS GUARDRAIL TERMINAL EAT
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END



STAGE 2
STA 3825+99 - STA 3826+92, RT
STA 3825+54 - STA 3827+71, LT
MGS GUARDRAIL
MGS THRIE BEAM TRANSITION
MGS GUARDRAIL TERMINAL EAT
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CONSTRUCTION DETAILS - ULTIMATE GUARDRAIL	SHEET 31	E



DRIVEWAY STATION 3645+27 & 6646+00		
POINT	STATION	OFFSET
A	6644+98.36	15.00, RT
B	6645+08.58	15.00, RT
C	10+32.38	27.10, RT
D	10+15.42	28.85, LT
E	6646+11.64	15.00, RT
F	6646+17.98	15.00, RT
G	10+46.37	12.56, RT
H	10+52.46	12.44, LT
I	11+26.10	12.57, RT
J	11+28.18	12.43, LT
K	3644+70.33	15.00, LT
L	3644+82.14	15.00, LT
M	11+62.74	34.05, RT
N	11+48.13	33.93, LT
O	3645+96.11	15.00, LT
P	3646+14.67	15.00, LT
Q	6645+46.25	20.00, LT
S	6645+99.03	46.62, LT
T	6646+40.43	20.00, LT
U	3644+84.75	20.00, RT
V	3645+27.10	32.00, RT
W	3645+71.87	20.00, RT

DRIVEWAY STATION 3645+27 & 6646+00		
POINT	STATION	OFFSET
R1	10+46.37	26.56, RT
R2	10+52.46	62.44, LT
R3	11+26.10	54.57, RT
R4	11+28.18	32.43, LT
R5	6645+46.25	65.00, LT
R6	6646+40.44	50.00, LT
R7	3644+84.75	50.00, RT
R8	3645+71.87	55.00, RT

DRIVEWAY STATION 3854+10		
POINT	STATION	OFFSET
A	6855+21.21	15.00, RT
B	6855+95.21	15.00, RT
C	3853+73.00	15.00, LT
D	3854+47.00	15.00, LT
R1	6855+21.21	37.00, RT
R2	6855+95.21	36.94, RT

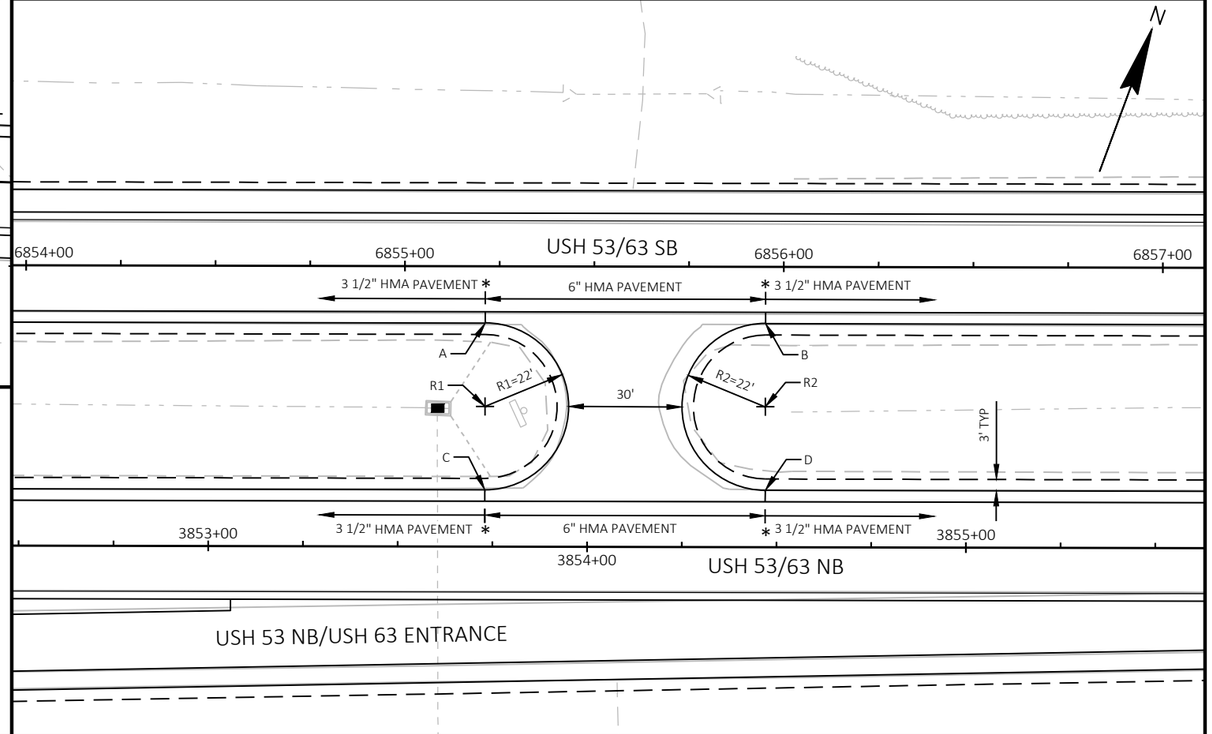
NOTES

DRIVEWAYS PRESENT AT INTERSECTIONS ARE SHOWN ON INTERSECTION DETAILS

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

** 3 1/2" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES ON APRON LIMITS SHOWN, MATERIAL BEYOND PAVED APRON LIMITS NOTED IN PLAN VIEWS

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CONSTUCTION DETAILS - MEDIAN OPENINGS	SHEET 32	E

LEGEND

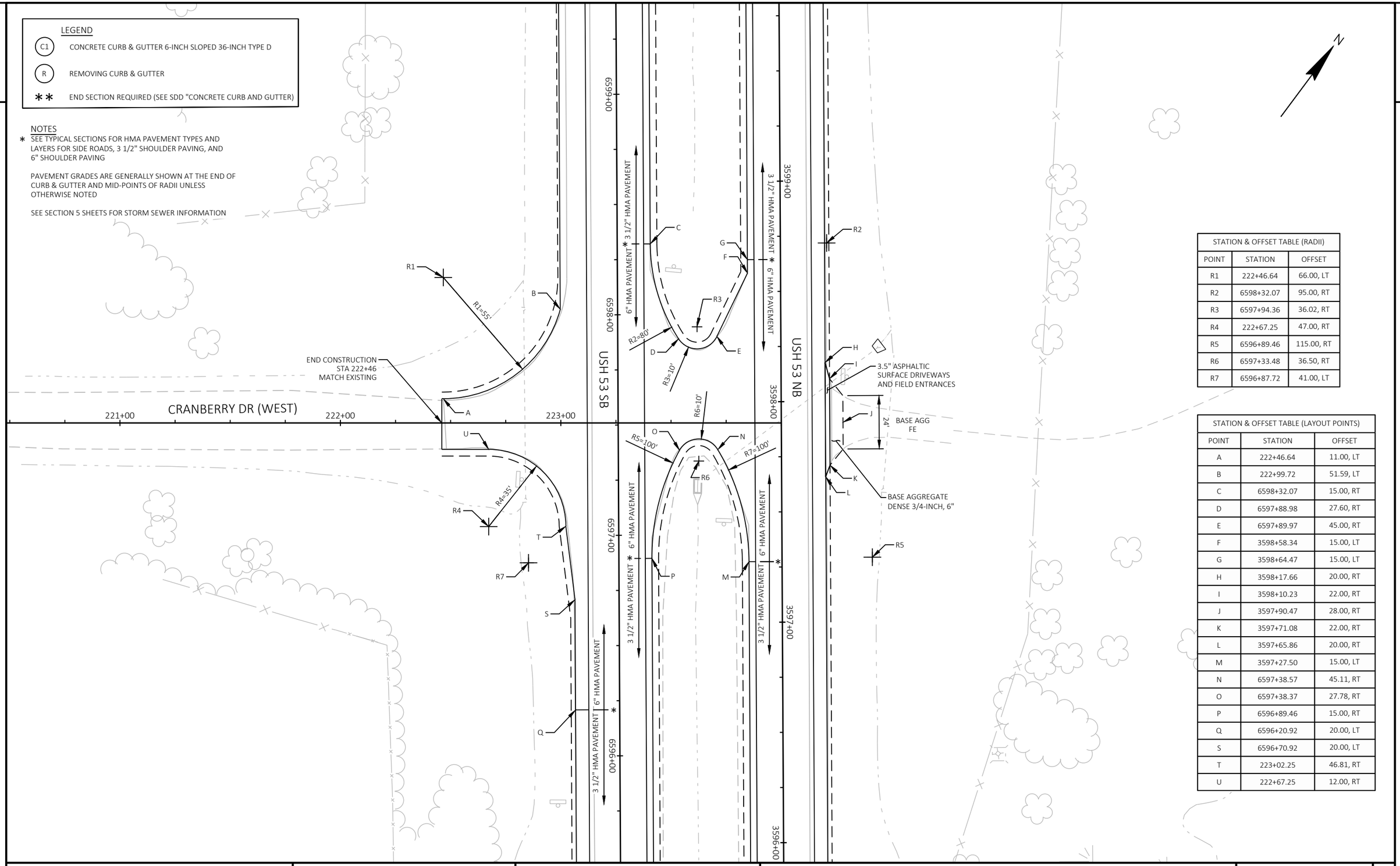
C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
R	REMOVING CURB & GUTTER
**	END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

NOTES

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION



STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	222+46.64	66.00, LT
R2	6598+32.07	95.00, RT
R3	6597+94.36	36.02, RT
R4	222+67.25	47.00, RT
R5	6596+89.46	115.00, RT
R6	6597+33.48	36.50, RT
R7	6596+87.72	41.00, LT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	222+46.64	11.00, LT
B	222+99.72	51.59, LT
C	6598+32.07	15.00, RT
D	6597+88.98	27.60, RT
E	6597+89.97	45.00, RT
F	3598+58.34	15.00, LT
G	3598+64.47	15.00, LT
H	3598+17.66	20.00, RT
I	3598+10.23	22.00, RT
J	3597+90.47	28.00, RT
K	3597+71.08	22.00, RT
L	3597+65.86	20.00, RT
M	3597+27.50	15.00, LT
N	6597+38.57	45.11, RT
O	6597+38.37	27.78, RT
P	6596+89.46	15.00, RT
Q	6596+20.92	20.00, LT
S	6596+70.92	20.00, LT
T	223+02.25	46.81, RT
U	222+67.25	12.00, RT

LEGEND

- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (R) REMOVING CURB & GUTTER
- ** END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

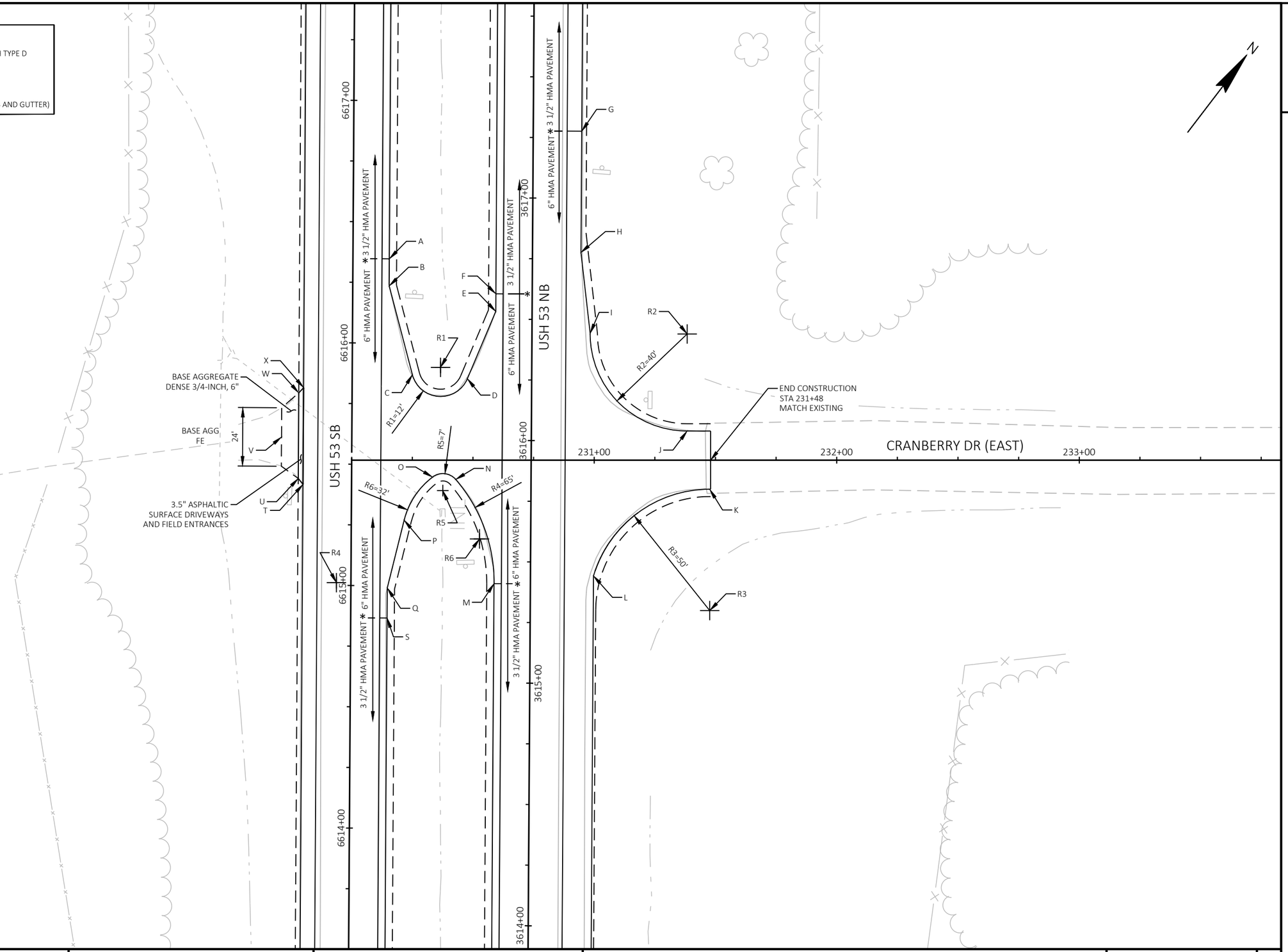
NOTES

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	6616+34.75	15.00, RT
B	6616+23.56	15.00, RT
C	6615+87.03	24.80, RT
D	6615+85.54	47.47, RT
E	3616+53.19	15.00, LT
F	3616+60.43	15.00, LT
G	3617+27.69	20.00, RT
H	3616+77.69	20.00, RT
I	230+98.33	52.25, LT
J	231+38.33	12.00, LT
K	231+47.61	12.00, RT
L	230+99.70	47.70, RT
M	3615+40.96	15.00, LT
N	6615+43.95	42.90, RT
O	6615+44.89	33.36, RT
P	6615+27.07	21.79, RT
Q	6614+99.07	15.00, RT
S	6614+86.69	15.00, RT
T	6615+41.55	20.00, LT
U	6615+43.99	22.00, LT
V	6615+61.04	29.00, LT
W	6615+79.25	22.00, LT
X	6615+81.41	20.00, LT

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	6615+90.14	36.39, RT
R2	231+38.33	52.00, LT
R3	231+47.61	62.00, RT
R4	6615+01.13	6.00, LT
R5	6615+39.34	37.63, RT
R6	6615+19.53	52.89, RT



2

LEGEND

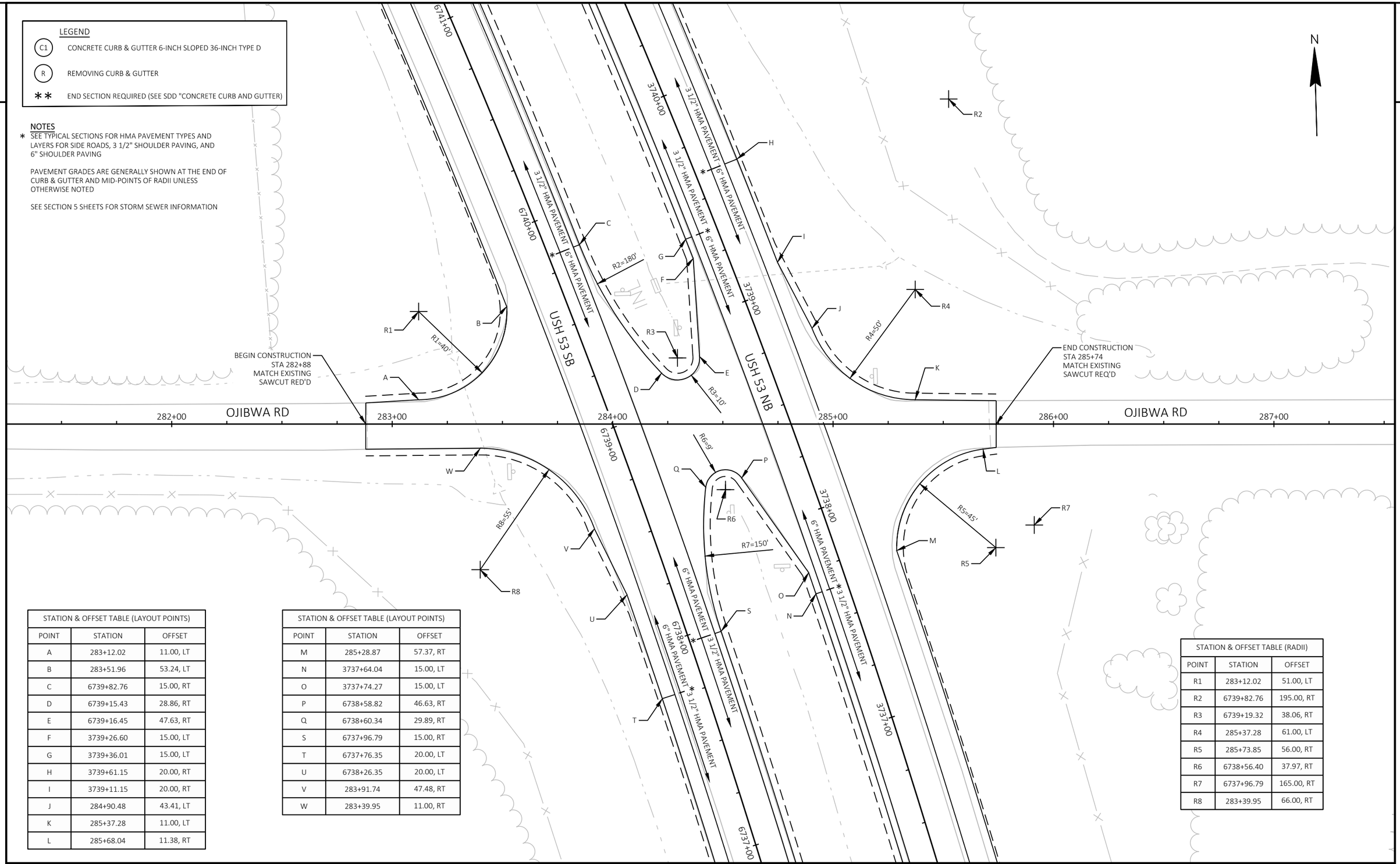
- (C1) CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (R) REMOVING CURB & GUTTER
- ** END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

NOTES

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION



STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	283+12.02	11.00, LT
B	283+51.96	53.24, LT
C	6739+82.76	15.00, RT
D	6739+15.43	28.86, RT
E	6739+16.45	47.63, RT
F	3739+26.60	15.00, LT
G	3739+36.01	15.00, LT
H	3739+61.15	20.00, RT
I	3739+11.15	20.00, RT
J	284+90.48	43.41, LT
K	285+37.28	11.00, LT
L	285+68.04	11.38, RT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
M	285+28.87	57.37, RT
N	3737+64.04	15.00, LT
O	3737+74.27	15.00, LT
P	6738+58.82	46.63, RT
Q	6738+60.34	29.89, RT
S	6737+96.79	15.00, LT
T	6737+76.35	20.00, LT
U	6738+26.35	20.00, LT
V	283+91.74	47.48, RT
W	283+39.95	11.00, RT

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	283+12.02	51.00, LT
R2	6739+82.76	195.00, RT
R3	6739+19.32	38.06, RT
R4	285+37.28	61.00, LT
R5	285+73.85	56.00, RT
R6	6738+56.40	37.97, RT
R7	6737+96.79	165.00, RT
R8	283+39.95	66.00, RT

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	INTERSECTION DETAILS	SHEET 35	E

LEGEND

C1	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
R	REMOVING CURB & GUTTER
**	END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

NOTES

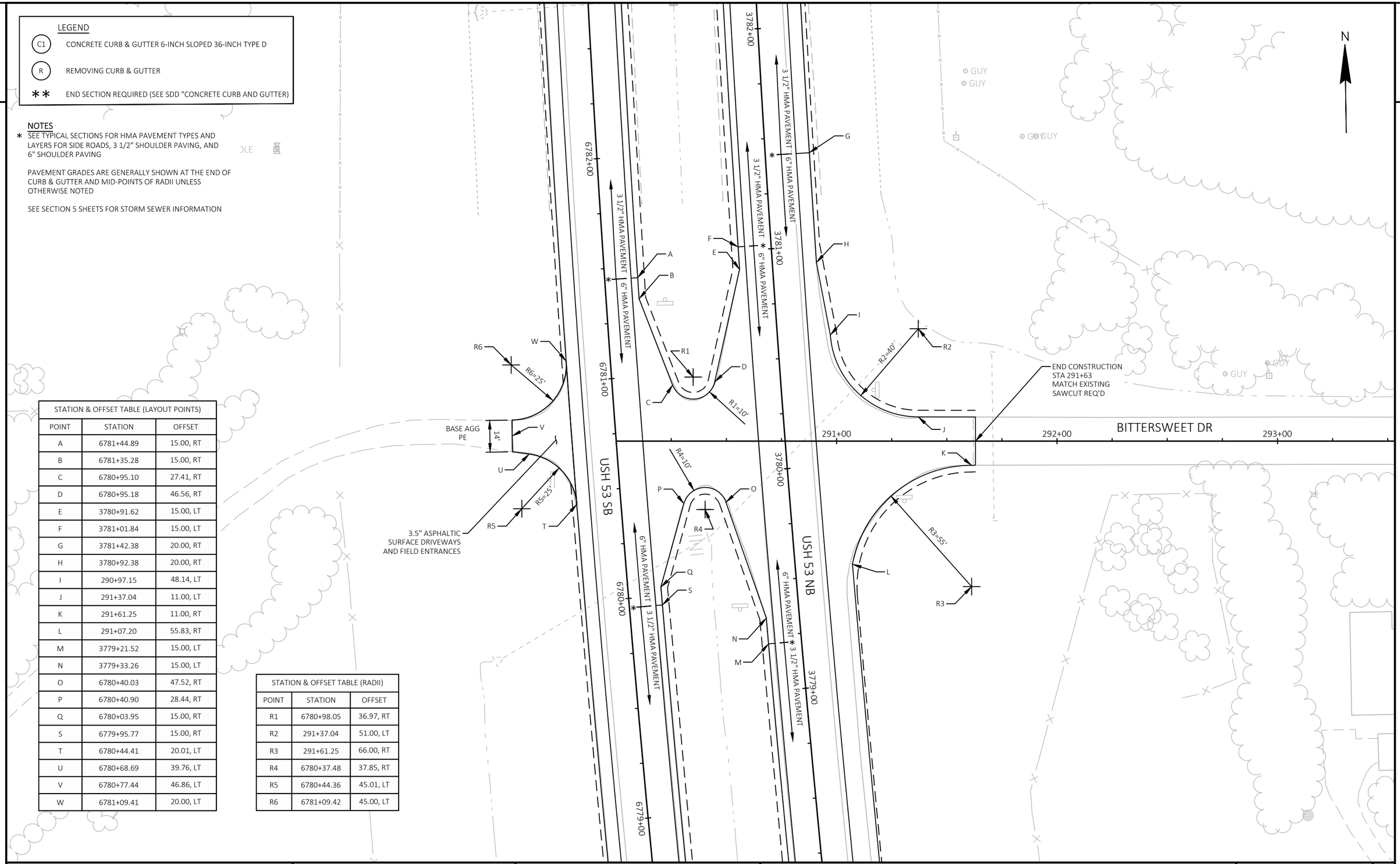
* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	6781+44.89	15.00, RT
B	6781+35.28	15.00, RT
C	6780+95.10	27.41, RT
D	6780+95.18	46.56, RT
E	3780+91.62	15.00, LT
F	3781+01.84	15.00, LT
G	3781+42.38	20.00, RT
H	3780+92.38	20.00, RT
I	290+97.15	48.14, LT
J	291+37.04	11.00, LT
K	291+61.25	11.00, RT
L	291+07.20	55.83, RT
M	3779+21.52	15.00, LT
N	3779+33.26	15.00, LT
O	6780+40.03	47.52, RT
P	6780+40.90	28.44, RT
Q	6780+03.95	15.00, RT
S	6779+95.77	15.00, LT
T	6780+44.41	20.01, LT
U	6780+68.69	39.76, LT
V	6780+77.44	46.86, LT
W	6781+09.41	20.00, LT

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	6780+98.05	36.97, RT
R2	291+37.04	51.00, LT
R3	291+61.25	66.00, RT
R4	6780+37.48	37.85, RT
R5	6780+44.36	45.01, LT
R6	6781+09.42	45.00, LT



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	INTERSECTION DETAILS	SHEET 36	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 04

PLOT DATE : 10/7/2022 10:43 AM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

C1 — CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D

R — REMOVING CURB & GUTTER

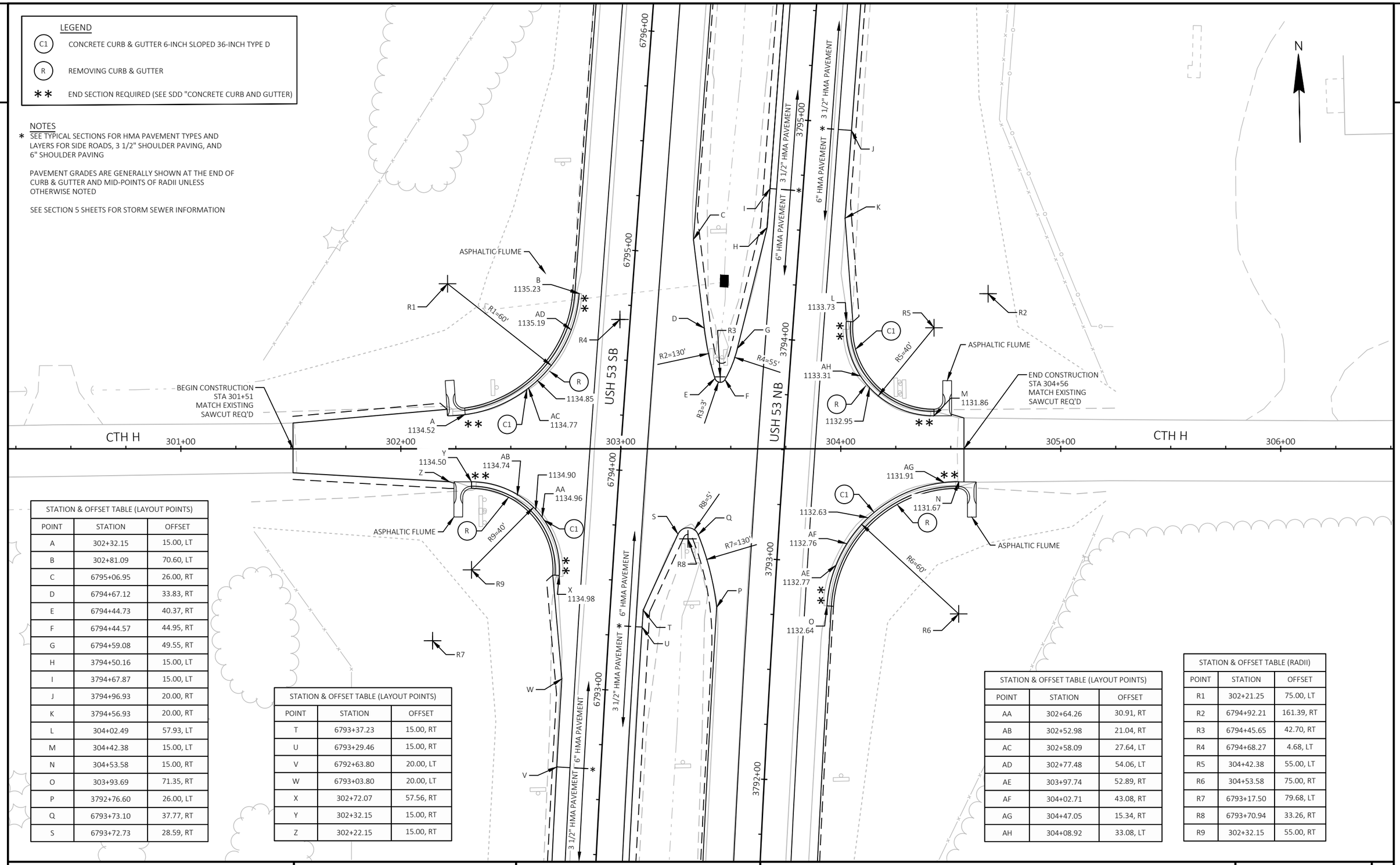
** — END SECTION REQUIRED (SEE SDD "CONCRETE CURB AND GUTTER)

NOTES

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

PAVEMENT GRADES ARE GENERALLY SHOWN AT THE END OF CURB & GUTTER AND MID-POINTS OF RADII UNLESS OTHERWISE NOTED

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION



STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	302+32.15	15.00, LT
B	302+81.09	70.60, LT
C	6795+06.95	26.00, RT
D	6794+67.12	33.83, RT
E	6794+44.73	40.37, RT
F	6794+44.57	44.95, RT
G	6794+59.08	49.55, RT
H	3794+50.16	15.00, LT
I	3794+67.87	15.00, LT
J	3794+96.93	20.00, RT
K	3794+56.93	20.00, RT
L	304+02.49	57.93, LT
M	304+42.38	15.00, LT
N	304+53.58	15.00, RT
O	303+93.69	71.35, RT
P	3792+76.60	26.00, LT
Q	6793+73.10	37.77, RT
S	6793+72.73	28.59, RT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
T	6793+37.23	15.00, RT
U	6793+29.46	15.00, RT
V	6792+63.80	20.00, LT
W	6793+03.80	20.00, LT
X	302+72.07	57.56, RT
Y	302+32.15	15.00, RT
Z	302+22.15	15.00, RT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
AA	302+64.26	30.91, RT
AB	302+52.98	21.04, RT
AC	302+58.09	27.64, LT
AD	302+77.48	54.06, LT
AE	303+97.74	52.89, RT
AF	304+02.71	43.08, RT
AG	304+47.05	15.34, RT
AH	304+08.92	33.08, LT

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	302+21.25	75.00, LT
R2	6794+92.21	161.39, RT
R3	6794+45.65	42.70, RT
R4	6794+68.27	4.68, LT
R5	304+42.38	55.00, LT
R6	304+53.58	75.00, RT
R7	6793+17.50	79.68, LT
R8	6793+70.94	33.26, RT
R9	302+32.15	55.00, RT

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	INTERSECTION DETAILS	SHEET 37	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 05
PLOT DATE : 10/7/2022 10:44 AM
PLOT BY : LINDSEY CHANNEL
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

XXXXXXX .	SAWCUT
	HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND DEPTH)
	CONCRETE PAVEMENT APPROACH SLAB AND CONCRETE PAVEMENT 7" FOR SHOULDERS
	OSOW IMPROVEMENTS CONCRETE PAVEMENT 12-INCH, COLORING CONCRETE WISDOT RED, AND CURB & GUTTER TYPE R
C1	CONCRETE CURB & GUTTER 30-INCH TYPE K
C2	CONCRETE CURB & GUTTER 30-INCH TYPE L
C3	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
C4	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C5	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
C6	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
C7	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT
F1	ASPHALT FLUMES
P1	CONCRETE PAVEMENT 9 1/2-INCH
P2	CONCRETE PAVEMENT 8-INCH
R1	REMOVING CONCRETE PAVEMENT
R2	REMOVING CURB & GUTTER
	INLET COVERS TYPE HM-GJ (UNLESS OTHERWISE NOTED)
**	END SECTION OR TRANSITION REQ'D (6' MIN)
##	INLETS 2X3-FT INLET COVERS TYPE HM-GJ

NOTES

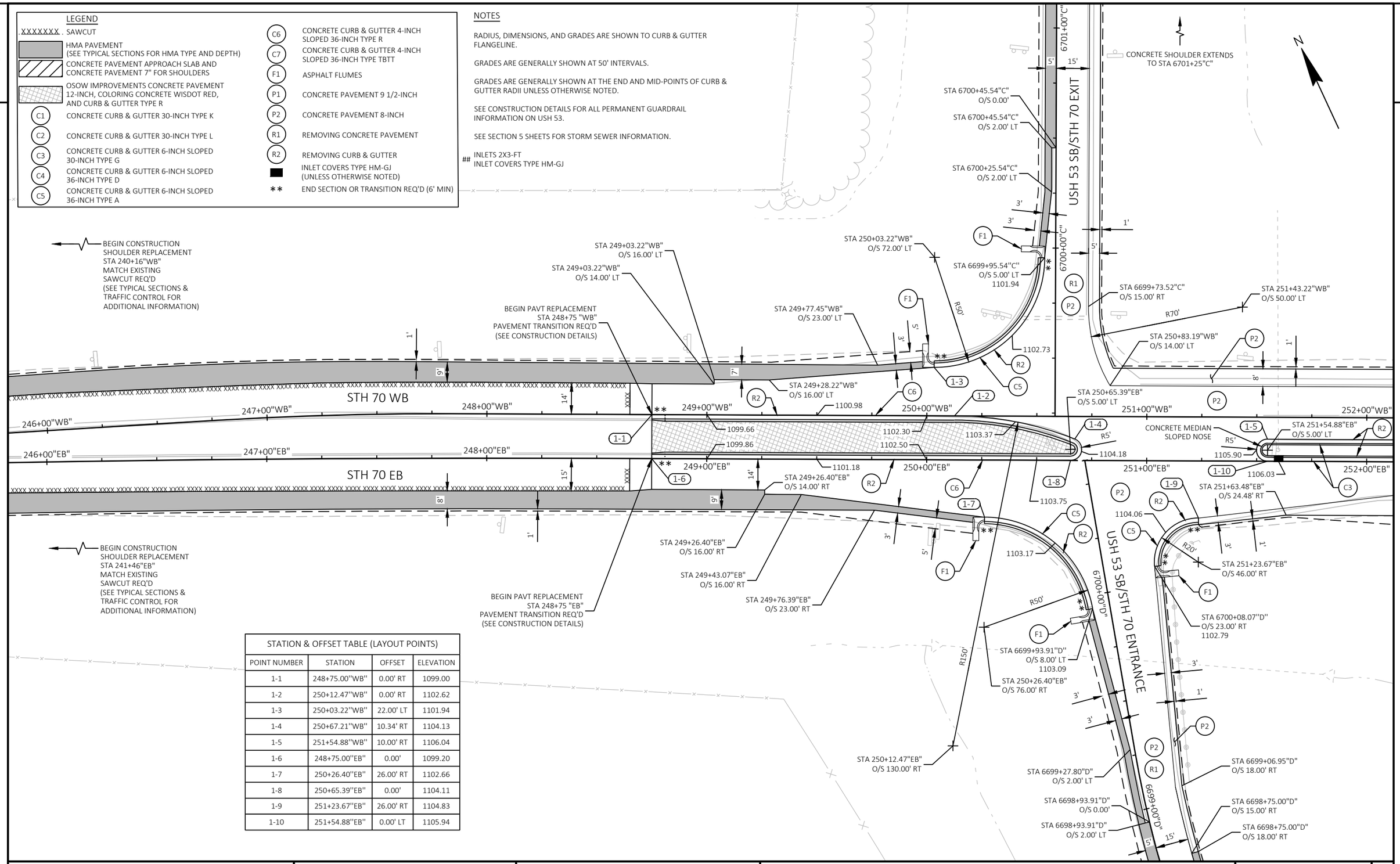
RADIUS, DIMENSIONS, AND GRADES ARE SHOWN TO CURB & GUTTER FLANGELINE.

GRADES ARE GENERALLY SHOWN AT 50' INTERVALS.

GRADES ARE GENERALLY SHOWN AT THE END AND MID-POINTS OF CURB & GUTTER RADII UNLESS OTHERWISE NOTED.

SEE CONSTRUCTION DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION ON USH 53.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.



STATION & OFFSET TABLE (LAYOUT POINTS)			
POINT NUMBER	STATION	OFFSET	ELEVATION
1-1	248+75.00''WB''	0.00' RT	1099.00
1-2	250+12.47''WB''	0.00' RT	1102.62
1-3	250+03.22''WB''	22.00' LT	1101.94
1-4	250+67.21''WB''	10.34' RT	1104.13
1-5	251+54.88''WB''	10.00' RT	1106.04
1-6	248+75.00''EB''	0.00'	1099.20
1-7	250+26.40''EB''	26.00' RT	1102.66
1-8	250+65.39''EB''	0.00'	1104.11
1-9	251+23.67''EB''	26.00' RT	1104.83
1-10	251+54.88''EB''	0.00' LT	1105.94

STATION & OFFSET TABLE (LAYOUT POINTS)			
POINT NUMBER	STATION	OFFSET	ELEVATION
2-1	252+49.17"WB"	10.00' RT	1107.41
2-2	253+22.91"WB"	20.42' LT	1107.61
2-3	253+75.38"WB"	20.42' LT	1108.00
2-5	254+03.49"WB"	0.06' LT	1108.80
2-6	256+37.31"WB"	0.00' RT	1109.94
2-7	253+51.08"EB"	20.42' RT	1108.04
2-9	254+03.55"EB"	20.42' RT	1108.35
2-10	254+12.01"EB"	0.00'	1108.81
2-11	256+45.78"EB"	0.06' LT	1109.95
2-12	257+95.13"EB"	10.00' LT	1110.96

LEGEND

- XXXXXXX SAWCUT
- HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND DEPTH)
- CONCRETE PAVEMENT APPROACH SLAB AND CONCRETE PAVEMENT 7" FOR SHOULDERS
- OSOW IMPROVEMENTS CONCRETE PAVEMENT 12-INCH, COLORING CONCRETE WISDOT RED, AND CURB & GUTTER TYPE R
- C1 CONCRETE CURB & GUTTER 30-INCH TYPE K
- C2 CONCRETE CURB & GUTTER 30-INCH TYPE L
- C3 CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- C4 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- C5 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
- C6 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
- C7 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT
- F1 ASPHALT FLUMES
- P1 CONCRETE PAVEMENT 9 1/2-INCH
- P2 CONCRETE PAVEMENT 8-INCH
- R1 REMOVING CONCRETE PAVEMENT
- R2 REMOVING CURB & GUTTER
- INLET COVERS TYPE HM-GJ (UNLESS OTHERWISE NOTED)
- ** END SECTION OR TRANSITION REQ'D (6' MIN)

N

6700+00
6699+00
6698+00
6697+00
6696+00
3699+00
3698+00
3697+00

STH 70 WB
STH 70 EB
USH 53 SB
USH 53 NB

252+00"WB" 253+00"WB" 254+00"WB" 255+00"WB" 256+00"WB" 257+00"WB" 258+00"WB"
252+00"EB" 253+00"EB" 254+00"EB" 255+00"EB" 256+00"EB" 257+00"EB" 258+00"EB"

1106.70 1107.93 1108.31 1108.75 1110.00 1110.20 1110.55
1106.70 1107.42 1108.00 1108.44 1108.19 1110.22 1110.28 1110.31 1110.65

WIDEN TOTAL SHOULDER 1' TO ACCOMMODATE BIDIRECTIONAL STAGING (MATCHES BRIDGE)

CONCRETE SURFACE DRAIN

1107.82

STA 252+90.33"EB" O/S 22.48' RT

STA 252+40.32"EB" O/S 24.48' RT

STA 252+23.67"EB" O/S 14.00' RT

CONCRETE SURFACE DRAIN

STA 254+07.85"EB" O/S 22.48' RT

STA 256+37.47"WB" O/S 22.00' LT

STA 256+41.47"WB" O/S 22.48' LT

STA 257+58.99"WB" O/S 22.48' LT

STA 258+08.99"WB" O/S 24.48' LT

+95"EB"

B-65-30 CONCRETE OVERLAY & OTHER REPAIRS (SEE STRUCTURE PLANS)

WIDEN TOTAL SHOULDER 1' TO ACCOMMODATE BIDIRECTIONAL STAGING (MATCHES BRIDGE)

ADJUSTING INLET

STAGE 2B
STA 253+43"EB" - STA 254+10"EB", RT
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

STA 252+40"EB" - STA 254+08"EB", RT
MGS GUARDRAIL
MGS GUARDRAIL TERMINAL EAT
MGS THRIE BEAM TRANSITION

STA 3695+95 - STA 3698+77, LT
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

STA 3696+39 - STA 3698+33, LT
STEEL THRIE BEAM
STEEL THRIE BEAM BULLNOSE TERMINAL

STAGE 2A
STA 256+39"WB" - STA 257+11"WB", LT
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

STA 256+39"WB" - STA 258+07"WB", LT
MGS GUARDRAIL TEMPORARY
MGS GUARDRAIL TEMPORARY TERMINAL EAT
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSITION
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END

STAGE 2E
STA 256+41"WB" - STA 258+09"WB", LT
MGS GUARDRAIL
MGS GUARDRAIL TERMINAL EAT
MGS THRIE BEAM TRANSITION

NOTES

RADIUS, DIMENSIONS, AND GRADES ARE SHOWN TO CURB & GUTTER FLANGELINE.

GRADES ARE GENERALLY SHOWN AT 50' INTERVALS.

GRADES ARE GENERALLY SHOWN AT THE END AND MID-POINTS OF CURB & GUTTER RADII UNLESS OTHERWISE NOTED.

SEE CONSTRUCTION DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION ON USH 53.

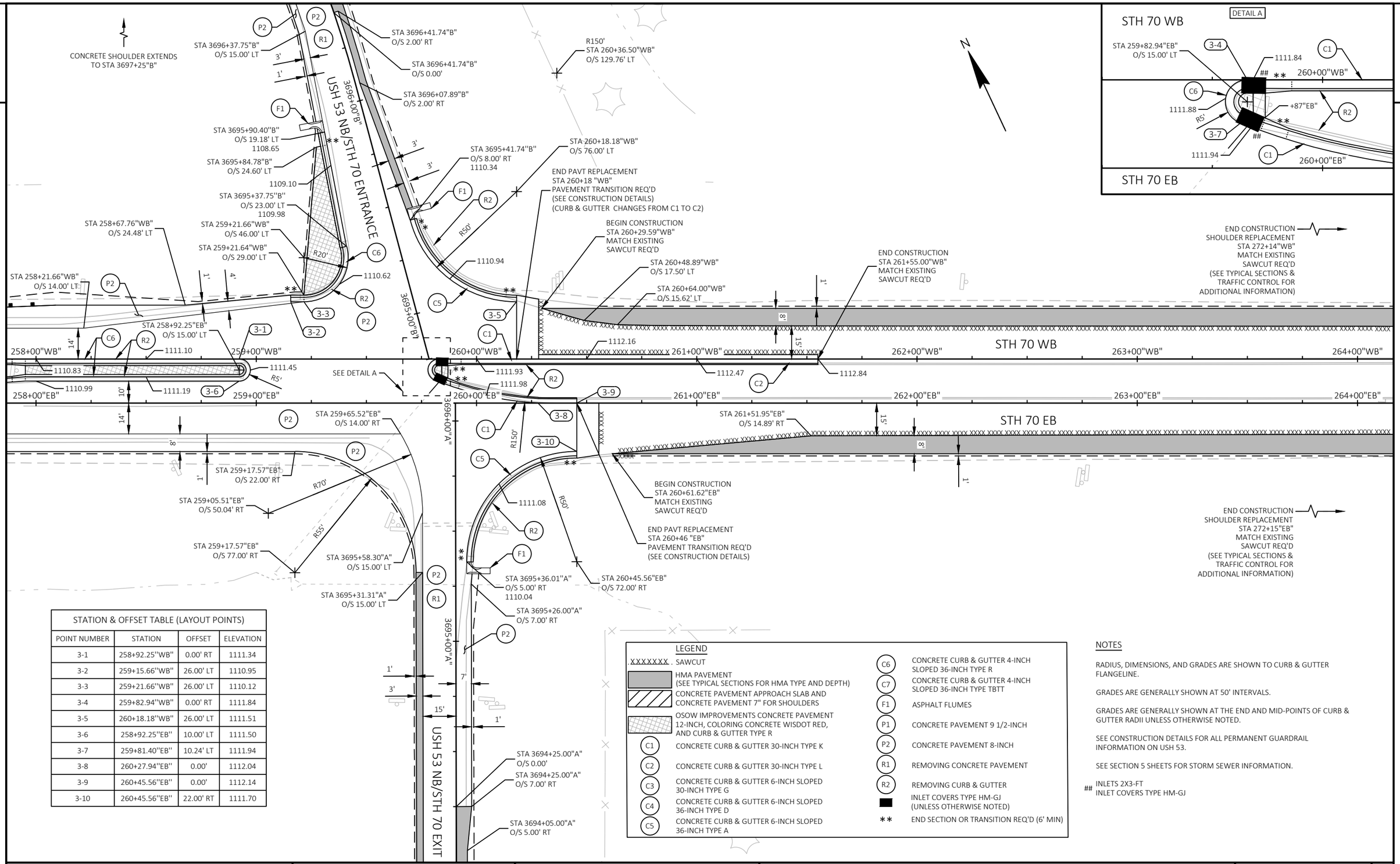
SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

INLETS 2X3-FT
INLET COVERS TYPE HM

INLETS 2X2.5-FT
INLET COVERS TYPE T

STATION & OFFSET TABLE (FACE OF BULLNOSE RAIL)		
STATION	OFFSET	REMARKS
3696+42.87	31.71', LT	POST 1, 64' TO HAZARD
3696+54.54	29.44', LT	POST 5
3697+06.78 - 3697+64.80	LT	FACE OF RAIL TO HAZARD = 5' MIN
6697+67.16 - 6698+25.18	RT	FACE OF RAIL TO HAZARD = 5' MIN
6698+77.42	29.81', RT	POST 5
6698+89.09	32.08', RT	POST 1, 64' TO HAZARD

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PAVING DETAILS - STH 70	SHEET 39	E



STATION & OFFSET TABLE (LAYOUT POINTS)			
POINT NUMBER	STATION	OFFSET	ELEVATION
3-1	258+92.25''WB''	0.00' RT	1111.34
3-2	259+15.66''WB''	26.00' LT	1110.95
3-3	259+21.66''WB''	26.00' LT	1110.12
3-4	259+82.94''WB''	0.00' RT	1111.84
3-5	260+18.18''WB''	26.00' LT	1111.51
3-6	258+92.25''EB''	10.00' LT	1111.50
3-7	259+81.40''EB''	10.24' LT	1111.94
3-8	260+27.94''EB''	0.00'	1112.04
3-9	260+45.56''EB''	0.00'	1112.14
3-10	260+45.56''EB''	22.00' RT	1111.70

LEGEND

- XXXXXXX . SAWCUT
- HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND DEPTH)
- CONCRETE PAVEMENT APPROACH SLAB AND CONCRETE PAVEMENT 7" FOR SHOULDERS
- OSOW IMPROVEMENTS CONCRETE PAVEMENT 12-INCH, COLORING CONCRETE WISDOT RED, AND CURB & GUTTER TYPE R
- C1 CONCRETE CURB & GUTTER 30-INCH TYPE K
- C2 CONCRETE CURB & GUTTER 30-INCH TYPE L
- C3 CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- C4 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- C5 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
- C6 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
- C7 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT
- F1 ASPHALT FLUMES
- P1 CONCRETE PAVEMENT 9 1/2-INCH
- P2 CONCRETE PAVEMENT 8-INCH
- R1 REMOVING CONCRETE PAVEMENT
- R2 REMOVING CURB & GUTTER
- INLET COVERS TYPE HM-GJ (UNLESS OTHERWISE NOTED)
- ** END SECTION OR TRANSITION REQ'D (6' MIN)

NOTES

RADIUS, DIMENSIONS, AND GRADES ARE SHOWN TO CURB & GUTTER FLANGELINE.

GRADES ARE GENERALLY SHOWN AT 50' INTERVALS.

GRADES ARE GENERALLY SHOWN AT THE END AND MID-POINTS OF CURB & GUTTER RADII UNLESS OTHERWISE NOTED.

SEE CONSTRUCTION DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION ON USH 53.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

INLETS 2X3-FT
INLET COVERS TYPE HM-GJ

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PAVING DETAILS - STH 70	SHEET 40	E

2

LEGEND

.XXXXXXX.	SAWCUT
	HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND DEPTH)
	CONCRETE PAVEMENT APPROACH SLAB AND CONCRETE PAVEMENT 7" FOR SHOULDERS
	OSOW IMPROVEMENTS CONCRETE PAVEMENT 12-INCH, COLORING CONCRETE WISDOT RED, AND CURB & GUTTER TYPE R
C1	CONCRETE CURB & GUTTER 30-INCH TYPE K
C2	CONCRETE CURB & GUTTER 30-INCH TYPE L
C3	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
C4	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C5	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
C6	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
C7	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT
F1	ASPHALT FLUMES
P1	CONCRETE PAVEMENT 9 1/2-INCH
P2	CONCRETE PAVEMENT 8-INCH
R1	REMOVING CONCRETE PAVEMENT
R2	REMOVING CURB & GUTTER
	INLET COVERS TYPE HM-GJ (UNLESS OTHERWISE NOTED)
**	END SECTION OR TRANSITION REQ'D (6' MIN)

NOTES

RADIUS, DIMENSIONS, AND GRADES ARE SHOWN TO CURB & GUTTER FLANGELINE.

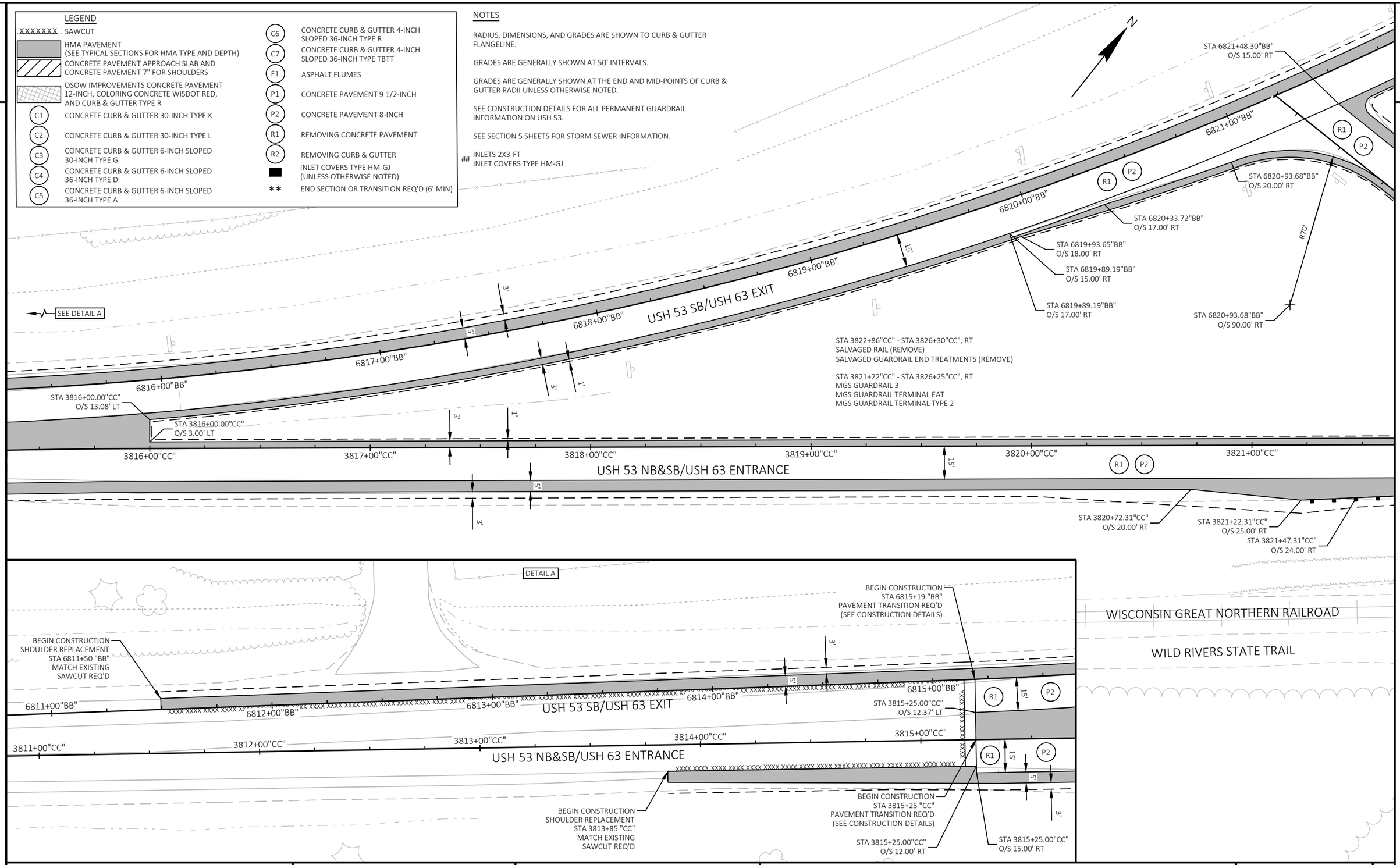
GRADES ARE GENERALLY SHOWN AT 50' INTERVALS.

GRADES ARE GENERALLY SHOWN AT THE END AND MID-POINTS OF CURB & GUTTER RADII UNLESS OTHERWISE NOTED.

SEE CONSTRUCTION DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION ON USH 53.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

INLETS 2X3-FT
INLET COVERS TYPE HM-GJ



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PAVING DETAILS - USH 63 RAMPS	SHEET 41	E

LEGEND

XXXXXXX	SAWCUT
	HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND DEPTH)
	CONCRETE PAVEMENT APPROACH SLAB AND CONCRETE PAVEMENT 7" FOR SHOULDERS
	OSOW IMPROVEMENTS CONCRETE PAVEMENT 12-INCH, COLORING CONCRETE WISDOT RED, AND CURB & GUTTER TYPE R
C1	CONCRETE CURB & GUTTER 30-INCH TYPE K
C2	CONCRETE CURB & GUTTER 30-INCH TYPE L
C3	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
C4	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C5	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
C6	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
C7	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT
F1	ASPHALT FLUMES
P1	CONCRETE PAVEMENT 9 1/2-INCH
P2	CONCRETE PAVEMENT 8-INCH
R1	REMOVING CONCRETE PAVEMENT
R2	REMOVING CURB & GUTTER
■	INLET COVERS TYPE HM-GJ (UNLESS OTHERWISE NOTED)
**	END SECTION OR TRANSITION REQ'D (6' MIN)

NOTES

RADIUS, DIMENSIONS, AND GRADES ARE SHOWN TO CURB & GUTTER FLANGELINE.

GRADES ARE GENERALLY SHOWN AT 50' INTERVALS.

GRADES ARE GENERALLY SHOWN AT THE END AND MID-POINTS OF CURB & GUTTER RADII UNLESS OTHERWISE NOTED.

SEE CONSTRUCTION DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION ON USH 53.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

INLETS 2X3-FT
INLET COVERS TYPE HM-GJ

USH 53 SB/USH 63 EXIT

USH 53 NB/USH 63 EXIT

USH 53 NB&SB/USH 63 ENTRANCE

USH 53 SB

USH 53 NB

WISCONSIN GREAT NORTHERN RAILROAD

WILD RIVERS STATE TRAIL

STA 3863+53.41"EE" O/S 27.24' RT
STA 3863+48.94"EE" O/S 25.00' RT
STA 3863+48.94"EE" O/S 20.00' RT
STA 3862+94.92"EE" O/S 20.00' RT
STA 3863+23.27"EE" O/S 0.00'
STA 3860+46.63"EE" O/S 315.00' RT
STA 3860+46.63"EE" O/S 315.00' RT
STA 3824+92.39"CC" O/S 35.00' LT
STA 3821+72.31"CC" O/S 23.00' RT
STA 3826+25.00"CC" O/S 23.00' RT
STA 3826+74.53"CC" O/S 23.00' RT
STA 3826+62.04"CC" O/S 20.00' RT

STA 3822+86"CC" - STA 3826+30"CC", RT
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

STA 3821+22"CC" - STA 3826+25"CC", RT
MGS GUARDRAIL 3
MGS GUARDRAIL TERMINAL EAT
MGS GUARDRAIL TERMINAL TYPE 2

STA 3824+92"CC" - STA 3828+83"CC", LT
MGS GUARDRAIL 3
MGS GUARDRAIL TERMINAL EAT
MGS GUARDRAIL TERMINAL TYPE 2

B-65-25
POLYMER OVERLAY & OTHER REPAIRS
(SEE STRUCTURE PLANS)

B-65-24
POLYMER OVERLAY & OTHER REPAIRS
(SEE STRUCTURE PLANS)

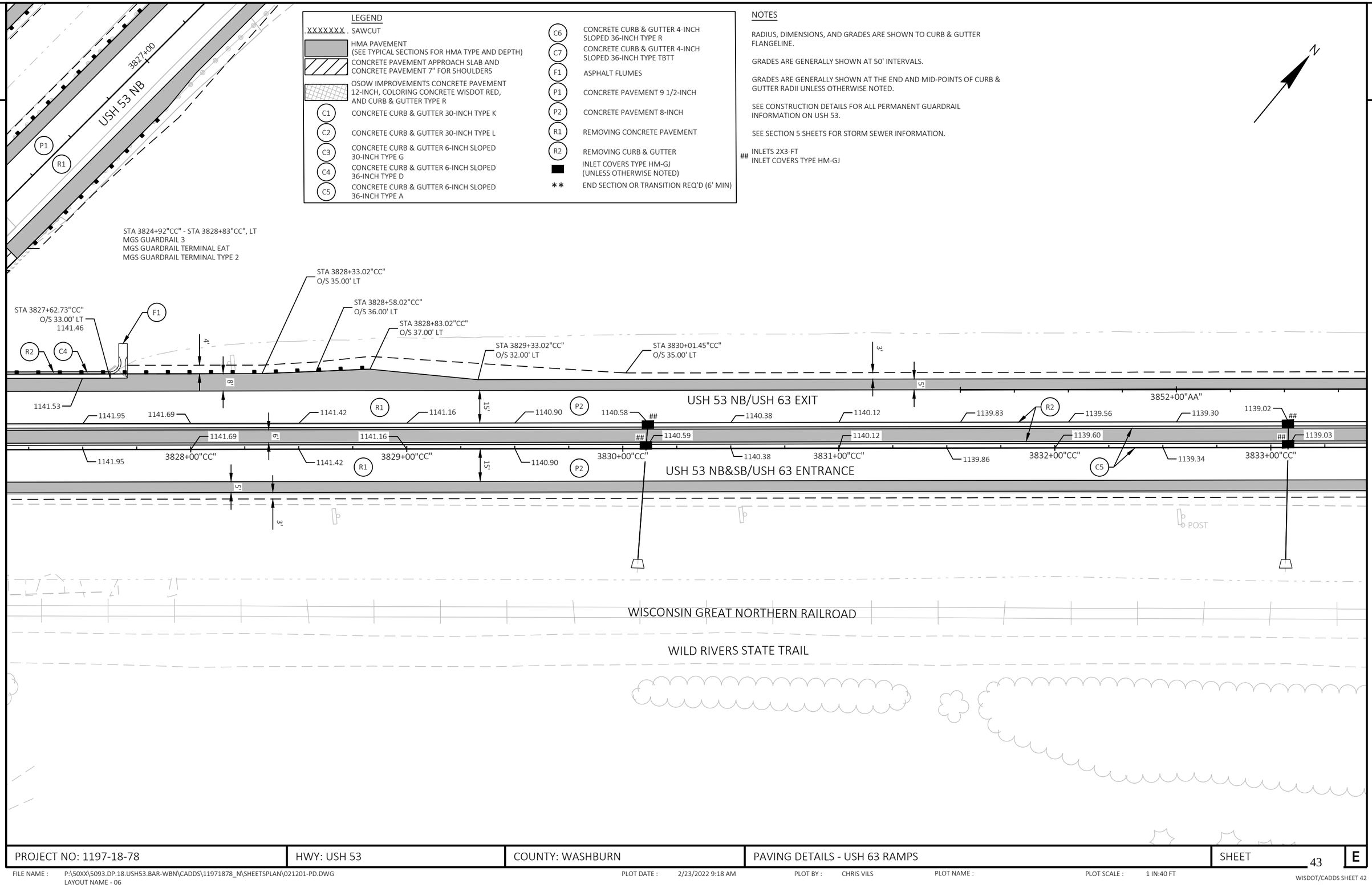
STATION & OFFSET TABLE (LAYOUT POINTS)

POINT NUMBER	STATION	OFFSET	ELEVATION
5-1	3862+50.00"EE"	21.00' RT	1143.77
5-2	3861+45.00"EE"	0.00'	1144.24
5-3	3860+46.63"EE"	0.00'	1143.72
5-4	3860+46.63"EE"	21.00' RT	1143.30
5-5	3822+90.00"CC"	0.00'	1144.32
5-6	3823+70.02"CC"	0.00'	1143.93

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PAVING DETAILS - USH 63 RAMPS	SHEET 42	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 05
PLOT DATE : 2/23/2022 9:17 AM
PLOT BY : CHRIS VILS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PAVING DETAILS - USH 63 RAMPS	SHEET 43	E

2

LEGEND

.XXXXXXX.	SAWCUT
	HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND DEPTH)
	CONCRETE PAVEMENT APPROACH SLAB AND CONCRETE PAVEMENT 7" FOR SHOULDERS
	OSOW IMPROVEMENTS CONCRETE PAVEMENT 12-INCH, COLORING CONCRETE WISDOT RED, AND CURB & GUTTER TYPE R
C1	CONCRETE CURB & GUTTER 30-INCH TYPE K
C2	CONCRETE CURB & GUTTER 30-INCH TYPE L
C3	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
C4	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C5	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
C6	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
C7	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT
F1	ASPHALT FLUMES
P1	CONCRETE PAVEMENT 9 1/2-INCH
P2	CONCRETE PAVEMENT 8-INCH
R1	REMOVING CONCRETE PAVEMENT
R2	REMOVING CURB & GUTTER
	INLET COVERS TYPE HM-GJ (UNLESS OTHERWISE NOTED)
**	END SECTION OR TRANSITION REQ'D (6' MIN)

NOTES

RADIUS, DIMENSIONS, AND GRADES ARE SHOWN TO CURB & GUTTER FLANGELINE.

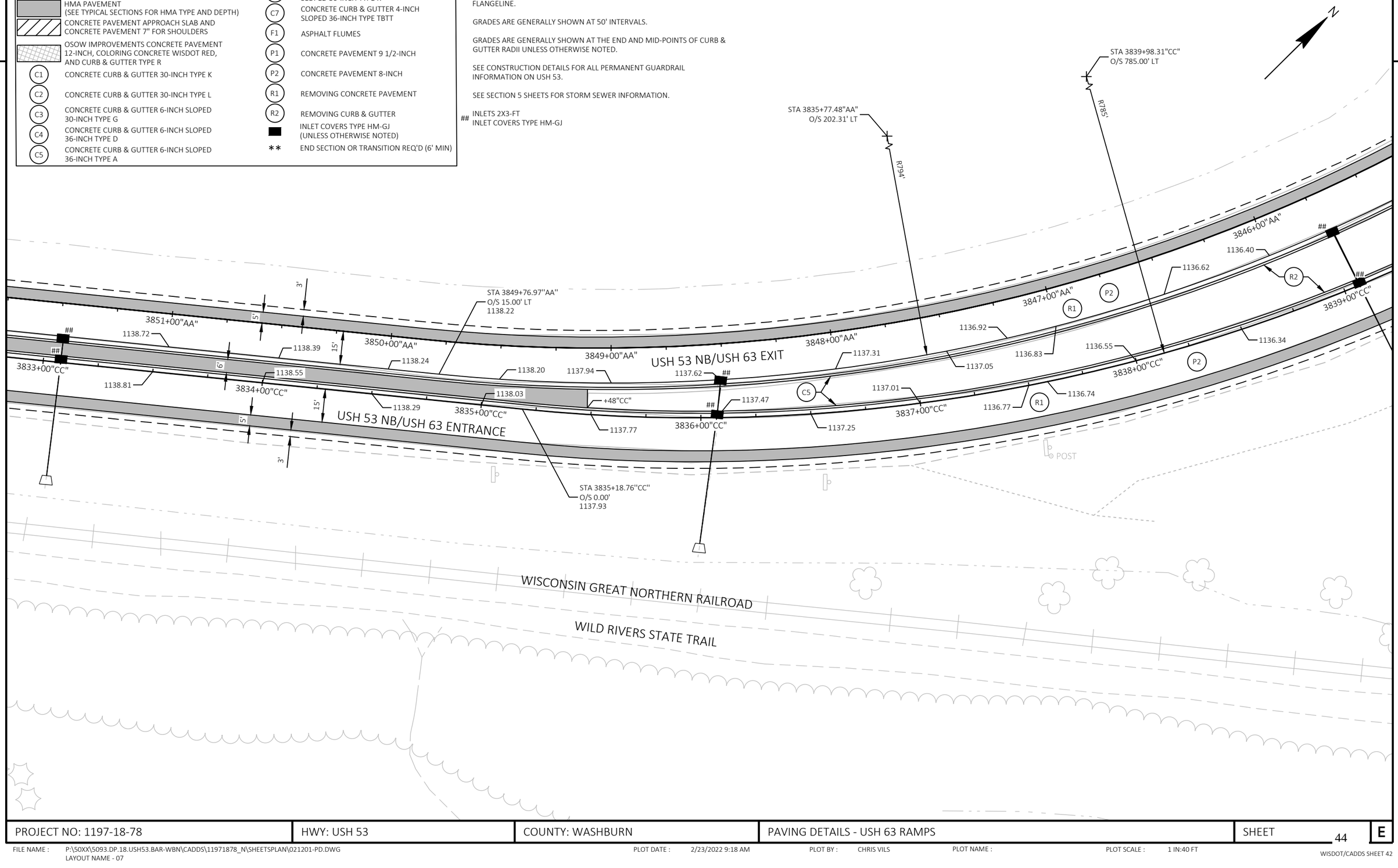
GRADES ARE GENERALLY SHOWN AT 50' INTERVALS.

GRADES ARE GENERALLY SHOWN AT THE END AND MID-POINTS OF CURB & GUTTER RADII UNLESS OTHERWISE NOTED.

SEE CONSTRUCTION DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION ON USH 53.

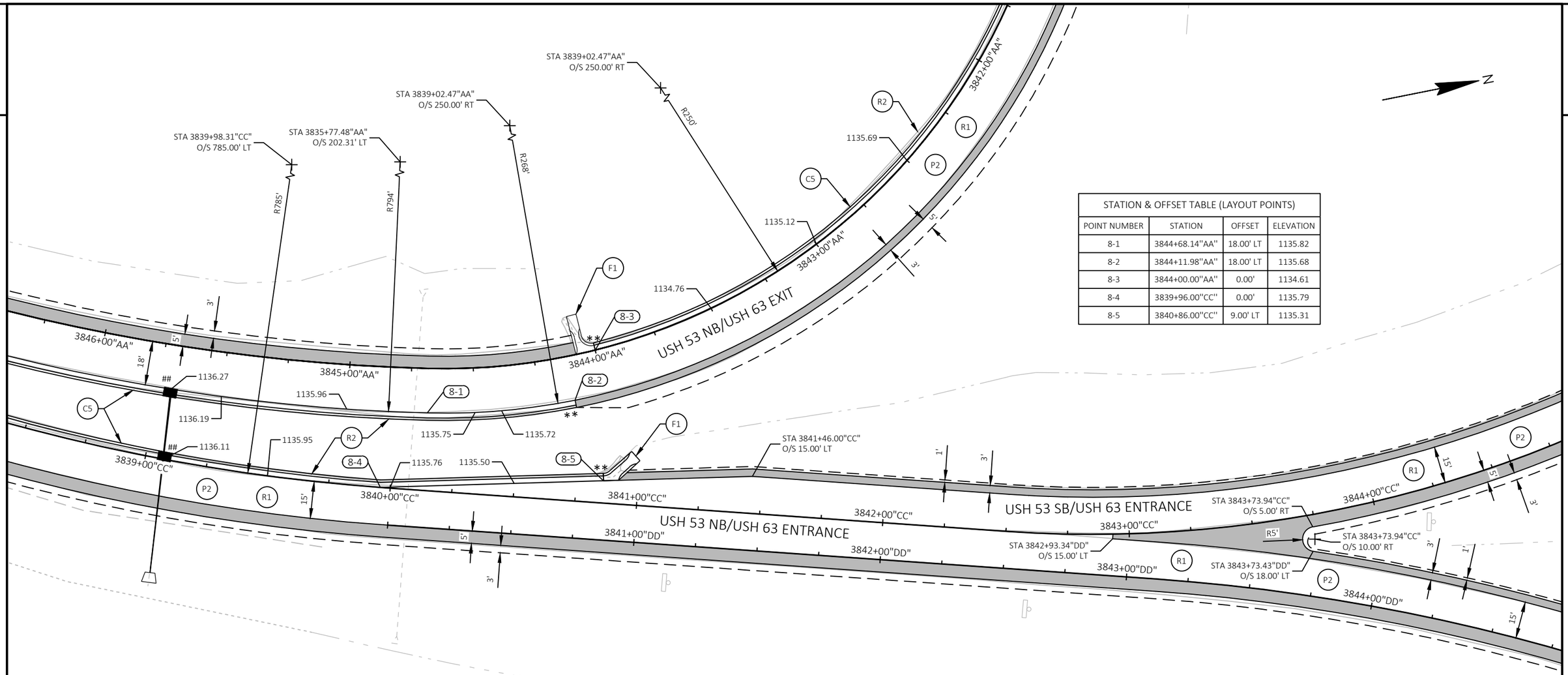
SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

INLETS 2X3-FT
INLET COVERS TYPE HM-GJ



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PAVING DETAILS - USH 63 RAMPS	SHEET 44	E

2



STATION & OFFSET TABLE (LAYOUT POINTS)			
POINT NUMBER	STATION	OFFSET	ELEVATION
8-1	3844+68.14''AA''	18.00' LT	1135.82
8-2	3844+11.98''AA''	18.00' LT	1135.68
8-3	3844+00.00''AA''	0.00'	1134.61
8-4	3839+96.00''CC''	0.00'	1135.79
8-5	3840+86.00''CC''	9.00' LT	1135.31

LEGEND

- XXXXXXX . SAWCUT
- HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND DEPTH)
- CONCRETE PAVEMENT APPROACH SLAB AND CONCRETE PAVEMENT 7" FOR SHOULDERS
- OSOW IMPROVEMENTS CONCRETE PAVEMENT 12-INCH, COLORING CONCRETE WISDOT RED, AND CURB & GUTTER TYPE R
- C1 CONCRETE CURB & GUTTER 30-INCH TYPE K
- C2 CONCRETE CURB & GUTTER 30-INCH TYPE L
- C3 CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- C4 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- C5 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
- C6 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
- C7 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT
- F1 ASPHALT FLUMES
- P1 CONCRETE PAVEMENT 9 1/2-INCH
- P2 CONCRETE PAVEMENT 8-INCH
- R1 REMOVING CONCRETE PAVEMENT
- R2 REMOVING CURB & GUTTER
- INLET COVERS TYPE HM-GJ (UNLESS OTHERWISE NOTED)
- ** END SECTION OR TRANSITION REQ'D (6' MIN)
- ## INLETS 2X3-FT, INLET COVERS TYPE HM-GJ

NOTES

RADIUS, DIMENSIONS, AND GRADES ARE SHOWN TO CURB & GUTTER FLANGELINE.

GRADES ARE GENERALLY SHOWN AT 50' INTERVALS.

GRADES ARE GENERALLY SHOWN AT THE END AND MID-POINTS OF CURB & GUTTER RADII UNLESS OTHERWISE NOTED.

SEE CONSTRUCTION DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION ON USH 53.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PAVING DETAILS - USH 63 RAMPS	SHEET 45	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 08
PLOT DATE : 2/23/2022 9:19 AM
PLOT BY : CHRIS VILS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

XXXXXXX	SAWCUT
	HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND DEPTH)
	CONCRETE PAVEMENT APPROACH SLAB AND CONCRETE PAVEMENT 7" FOR SHOULDERS
	OSOW IMPROVEMENTS CONCRETE PAVEMENT 12-INCH, COLORING CONCRETE WISDOT RED, AND CURB & GUTTER TYPE R
C1	CONCRETE CURB & GUTTER 30-INCH TYPE K
C2	CONCRETE CURB & GUTTER 30-INCH TYPE L
C3	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
C4	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
C5	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
C6	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
C7	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT
F1	ASPHALT FLUMES
P1	CONCRETE PAVEMENT 9 1/2-INCH
P2	CONCRETE PAVEMENT 8-INCH
R1	REMOVING CONCRETE PAVEMENT
R2	REMOVING CURB & GUTTER
	INLET COVERS TYPE HM-GJ (UNLESS OTHERWISE NOTED)
**	END SECTION OR TRANSITION REQ'D (6' MIN)

NOTES

RADIUS, DIMENSIONS, AND GRADES ARE SHOWN TO CURB & GUTTER FLANGELINE.

GRADES ARE GENERALLY SHOWN AT 50' INTERVALS.

GRADES ARE GENERALLY SHOWN AT THE END AND MID-POINTS OF CURB & GUTTER RADII UNLESS OTHERWISE NOTED.

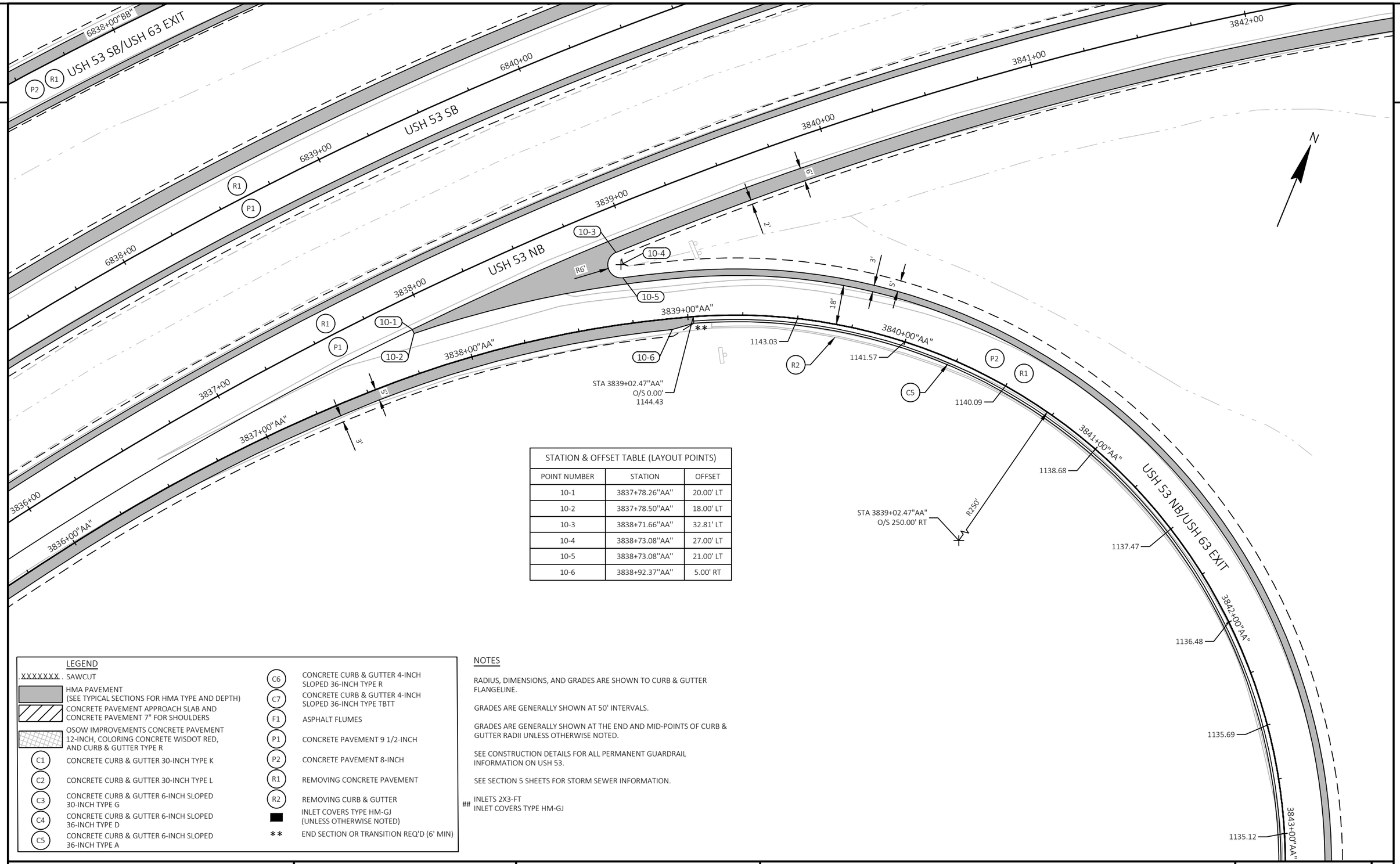
SEE CONSTRUCTION DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION ON USH 53.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

INLETS 2X3-FT
INLET COVERS TYPE HM-GJ

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT NUMBER	STATION	OFFSET
9-1	3846+53.55"CC"	18.00' LT
9-2	3846+58.55"CC"	23.06' LT
9-3	3846+64.65"CC"	15.00' LT
9-4	3846+90.62"CC"	15.00' LT
9-5	3846+95.57"CC"	15.00' LT
9-6	3846+97.37"CC"	15.33' LT
9-7	3846+55.61"CC"	5.00' RT
9-8	3846+58.61"CC"	8.02' RT
9-9	3846+64.65"CC"	0.00'
9-10	3846+90.65"CC"	0.00'
9-11	3846+93.61"CC"	7.96' RT
9-12	3846+98.61"CC"	3.00' RT
9-13	3847+06.30"CC"	0.00'
9-14	3847+06.30"CC"	3.00' RT
9-15	3847+30.95"CC"	1.29' LT
9-16	3847+33.69"CC"	5.58' LT
9-17	3847+35.65"CC"	5.98' LT
9-18	3847+40.65"CC"	5.99' LT
9-19	3847+37.64"CC"	3.44' RT
R1	3846+53.55"CC"	23.00' LT
R2	3846+95.57"CC"	20.00' LT
R3	3846+55.61"CC"	8.00' RT
R4	3846+98.61"CC"	8.00' RT
R5 & R69	3847+06.30"CC"	70.00' LT
R7	3847+35.65"CC"	0.98' LT
R8	3847+32.64"CC"	3.42' RT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT NUMBER	STATION	OFFSET
9-20	3844+14.09"CC"	15.00' LT
9-21	3847+21.32"CC"	35.87' LT
9-22	6845+38.12"CC"	14.00' RT
9-23	6844+92.75"CC"	14.00' RT
9-24	6844+92.75"CC"	12.00' RT
R9	3847+09.14"CC"	46.23' LT
R10	3846+74.09"CC"	76.03' LT
R11	3846+74.05"CC"	76.01' LT



STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT NUMBER	STATION	OFFSET
10-1	3837+78.26"AA"	20.00' LT
10-2	3837+78.50"AA"	18.00' LT
10-3	3838+71.66"AA"	32.81' LT
10-4	3838+73.08"AA"	27.00' LT
10-5	3838+73.08"AA"	21.00' LT
10-6	3838+92.37"AA"	5.00' RT

LEGEND

- .XXXXXXX. SAWCUT
- HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND DEPTH)
- CONCRETE PAVEMENT APPROACH SLAB AND CONCRETE PAVEMENT 7" FOR SHOULDERS
- OSOW IMPROVEMENTS CONCRETE PAVEMENT 12-INCH, COLORING CONCRETE WISDOT RED, AND CURB & GUTTER TYPE R
- C1 CONCRETE CURB & GUTTER 30-INCH TYPE K
- C2 CONCRETE CURB & GUTTER 30-INCH TYPE L
- C3 CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G
- C4 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
- C5 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
- C6 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
- C7 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT
- F1 ASPHALT FLUMES
- P1 CONCRETE PAVEMENT 9 1/2-INCH
- P2 CONCRETE PAVEMENT 8-INCH
- R1 REMOVING CONCRETE PAVEMENT
- R2 REMOVING CURB & GUTTER
- ■ INLET COVERS TYPE HM-GJ (UNLESS OTHERWISE NOTED)
- ** END SECTION OR TRANSITION REQ'D (6' MIN)
- ## INLETS 2X3-FT INLET COVERS TYPE HM-GJ

NOTES

RADIUS, DIMENSIONS, AND GRADES ARE SHOWN TO CURB & GUTTER FLANGELINE.

GRADES ARE GENERALLY SHOWN AT 50' INTERVALS.

GRADES ARE GENERALLY SHOWN AT THE END AND MID-POINTS OF CURB & GUTTER RADII UNLESS OTHERWISE NOTED.

SEE CONSTRUCTION DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION ON USH 53.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PAVING DETAILS - USH 63 RAMPS	SHEET 47	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 10
PLOT DATE : 2/23/2022 9:20 AM
PLOT BY : CHRIS VILS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

CROSS SECTION MATCHLINE

N

LITTLE VALLEY RD

USH 53/63 SB

USH 53/63 NB

WISCONSIN GREAT NORTHERN RAILROAD

WILD RIVERS STATE TRAIL

MATCH LINE BETWEEN USH 53 SB AND RAMP "BB"

MATCH LINE BETWEEN USH 53 NB AND RAMP "CC"

RAMP "BB" ALIGNMENT

6850"BB"

6845"BB"

6840"BB"

6835"BB"

6830"BB"

6825"BB"

6820"BB"

6815"BB"

3860"DD"

3855"DD"

3850"DD"

3845"DD"

3845"CC"

3840"AA"

3835"AA"

3840"CC"

3845"AA"

3850"AA"

3835"CC"

3830"CC"

3830"AA"

3825"CC"

3820"CC"

3815"CC"

3860"EE"

MATCH LINE BETWEEN USH 53 NB AND RAMP "AA"

MATCH LINE BETWEEN USH 53 NB AND RAMP "DD"

RAMP "DD" ALIGNMENT

USH 53 NB/ USH 63 EXIT

USH 53 SB/USH 63 ENTRANCE

USH 63 ENTRANCE

MATCH LINE BETWEEN RAMP "CC" AND RAMP "DD"

RAMP "AA" ALIGNMENT

MATCH LINE BETWEEN RAMP "AA" AND RAMP "CC"

RAMP "CC" ALIGNMENT

USH 53 SB/USH 63 EXIT

USH 53 SB

USH 53 NB

USH 53 NB&SB/USH 63 ENTRANCE

MATCH LINE BETWEEN RAMP "BB" AND RAMP "EE"

RAMP "EE" ALIGNMENT

USH 53 NB/ USH 63 EXIT

MATCH LINE BETWEEN RAMP "CC" AND RAMP "EE"

MATCH LINE BETWEEN RAMP "BB" AND RAMP "CC"

USH 63 SB

USH 63 NB

USH 53 SB ALIGNMENT

USH 53 NB ALIGNMENT

PROJECT NO:1197-18-78	HWY:USH 53	COUNTY:WASHBURN	MATCHLINE DETAIL	SHEET 48	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\021701-XM.DWG
LAYOUT NAME - 01

PLOT DATE : 2/21/2022 12:09 PM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:300 FT

2

EX R/W

6578 6580 6582 USH 53 SB 6584 6586 6588 6590 6592

3578 3580 3582 3584 USH 53 NB 3586 3588 3590 3592

SOUTH PROJECT LIMIT TEMPORARY CROSSOVER WIDENING

EX R/W

POST

EX R/W

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

N

EX R/W

SOUTH STH 70 EXIT RAMP TEMPORARY CROSSOVER

6666 6668 6670 6672 USH 53 SB 6674 6676 6678 6680

3666 3668 3670 3672 USH 53 NB 3674 3676 3678

TYPE A & D

SIGN

EX R/W

EX R/W

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 1	SHEET 49	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 01

PLOT DATE : 10/10/2022 3:44 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

N

USH 53 SB/STH 70 EXIT

EX R/W

TEMPORARY EMERGENCY PULLOUT

6696 6698 6700 6702 USH 53 SB 6704 6706 6708 6710

INL

STH 70 EB

STH 70 WB

3696 3698 3700 3702 USH 53 NB 3704 3706 3708

INL

NORTH STH 70 ENTRANCE RAMP TEMPORARY CROSSOVER

USH 53 NB/STH 70 ENTRANCE

EX R/W

N

EX R/W

USH 53 SB/STH 70 EXIT

NORTH STH 70 ENTRANCE RAMP TEMPORARY CROSSOVER

6710 6712 6714 6716 USH 53 SB 6718 6720 6722 6724

3710 3712 3714 3716 USH 53 NB 3718 3720 3722 3724

POST

EX R/W

EX R/W

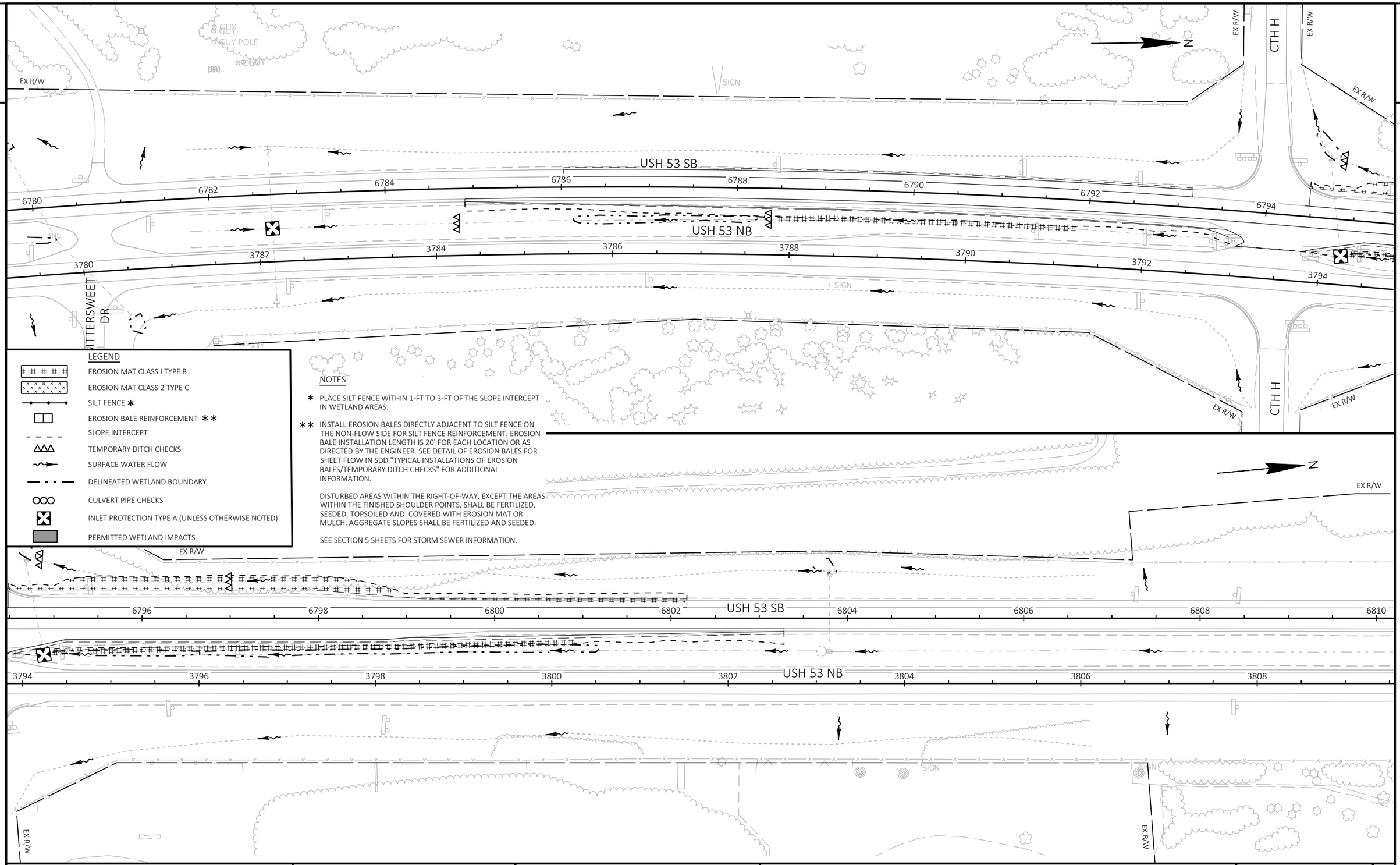
YELLOW RIVER

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 1	SHEET 50	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 02

PLOT DATE : 10/10/2022 3:44 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

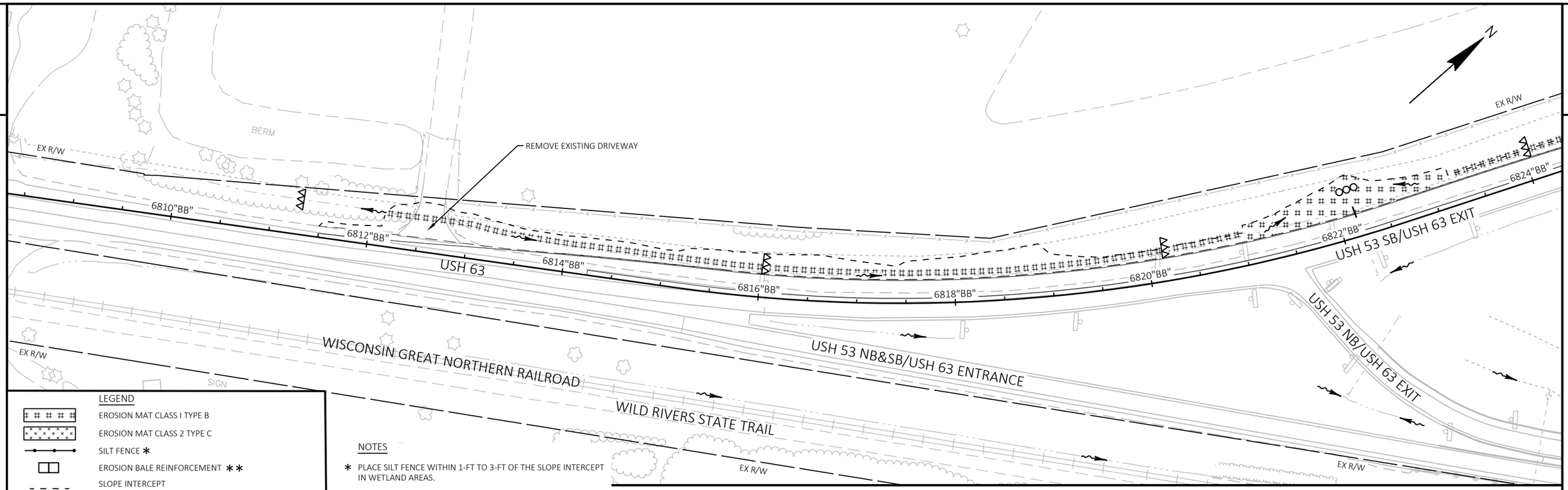
** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 1	SHEET 51	E

2



LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

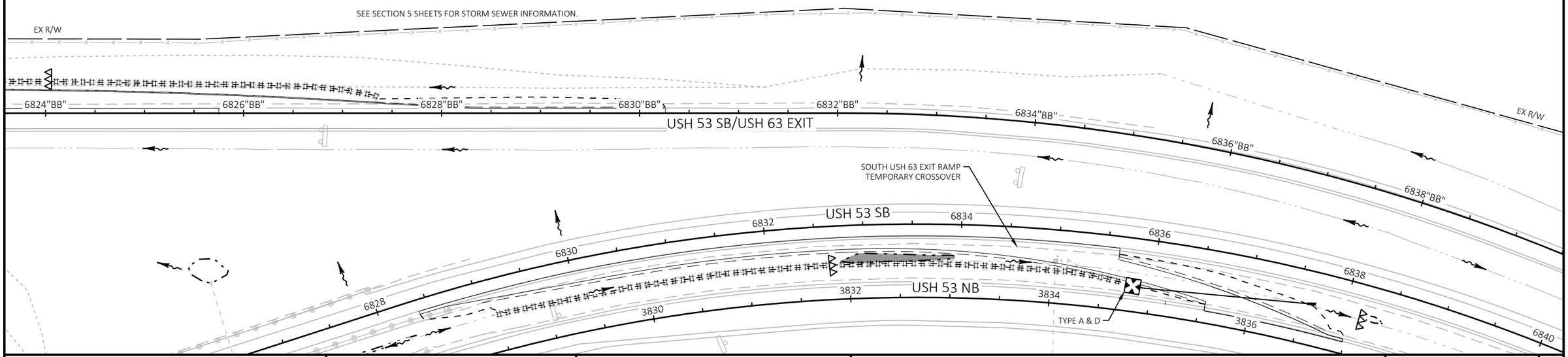
NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 1	SHEET 52	E

2

EX R/W

6848"BB"

USH 53 SB/USH 63 EXIT

6850"BB"

6852"BB"

6848

6850

6852

6854

USH 53/63 SB

6856

6858

6860

6862

3846

3848

3850

3852

3854

USH 53/63 NB

3856

3858

3860

USH 53 NB/USH 63 ENTRANCE

GUY

LITTLE VALLEY RD

POST

N

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

6862

6864

6866

6868

USH 53/63 SB

6870

6872

6874

6876

3860

3862

3864

3866

USH 53/63 NB

3868

3870

3872

3874

WISCONSIN GREAT NORTHERN RAILROAD

WILD RIVERS STATE TRAIL

CTH A

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 1	SHEET 53	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 05

PLOT DATE : 10/10/2022 3:46 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

EX R/W

SIGN

NORTH PROJECT LIMIT
TEMPORARY CROSSOVER

EX R/W

6876 6878 6880 6882 USH 53/63 SB 6884 6886 6888 6890

3876 3878 3880 USH 53/63 NB 3882 3884 3886 3888 3890

EX R/W

WISCONSIN GREAT NORTHERN RAILROAD

EX R/W

WILD RIVERS STATE TRAIL

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

EX R/W

EX R/W

EX R/W

6892 6894 6896 USH 53/63 SB 6898 6900 6902 6904 6906

3890 3892 3894 3896 3898 3900 3902 3904 USH 53/63 NB

TYPE D

NORTH PROJECT LIMIT
TEMPORARY CROSSOVER

EX R/W

EX R/W

WISCONSIN GREAT NORTHERN RAILROAD

WILD RIVERS STATE TRAIL

EX R/W

EX R/W

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 1	SHEET 54	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 06

PLOT DATE : 10/10/2022 3:47 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

EX R/W

EX R/W

6666 6668 6670 6672 USH 53 SB 6674 6676 6678 6680

3666 3668 3670 3672 USH 53 NB 3674 3676 3678

SOUTH STH 70 ENTRANCE RAMP
TEMPORARY CROSSOVER

SIGN

EX R/W

EX R/W

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

EX R/W

EX R/W

USH 53 SB/STH 70 ENTRANCE

N

EX R/W

SOUTH STH 70 ENTRANCE RAMP
TEMPORARY CROSSOVER

TYPE A & D

6680 6682 6684 6686 USH 53 SB 6688 6690 6692 6694

3680 3682 3684 3686 USH 53 NB 3688 3690 3692 3694

TEMPORARY EMERGENCY
PULLOUT

SIGN

HEIGHT MOD

EX R/W

COVER PLATE TEMPORARY
(SEE SECTION 5 PLAN SHEETS FOR
ADDITIONAL INFORMATION)

USH 53 NB/STH 70 EXIT

EX R/W

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 3	SHEET 55	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022002-EC.DWG
LAYOUT NAME - 01

PLOT DATE : 2/28/2022 4:04 PM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

USH 53 SB/STH 70 EXIT
EX R/W
NORTH STH 70 TEMPORARY CROSSOVER
6696 6698 6700 6702 USH 53 SB 6704 6706 6708 6710
INL
STH 70 EB
STH 70 WB
3696 3698 3700 3702 USH 53 NB 3704 3706 3708
USH 53 NB/STH 70 ENTRANCE
N

INSTALLED IN STAGE 1
MAINTAIN FOR FUTURE STAGES
6712 6714 6716 USH 53 SB 6718 6720 6722 6724
3710 3712 3714 3716 USH 53 NB 3718 3720 3722 3724
NORTH STH 70 TEMPORARY CROSSOVER
POST
YELLOW RIVER

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 3	SHEET 56	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022002-EC.DWG
LAYOUT NAME - 02
PLOT DATE : 2/28/2022 4:05 PM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

EX R/W

EX R/W

EX R/W

EX R/W

GUY

LITTLE VALLEY RD

GUY GUY

EX R/W

COVER PLATE TEMPORARY
(SEE SECTION 5 PLAN SHEETS FOR
ADDITIONAL INFORMATION)

USH 53 SB/USH 63 EXIT

6848 6850 6852 6854 6856 6858 USH 53/63 SB 6860 6862

3848 3850 3852 3854 3856 USH 53/63 NB 3858 3860 3862

POST

NORTH USH 63
TEMPORARY CROSSOVER

USH 53 NB/USH 63 ENTRANCE

EX R/W

EX R/W

LEGEND

- EROSION MAT CLASS I TYPE B
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS

NOTES

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION.

EX R/W

EX R/W GN

LITTLE VALLEY RD

INSTALLED IN STAGE 1
MAINTAIN FOR FUTURE STAGES

INSTALLED IN STAGE 1
MAINTAIN FOR FUTURE STAGES

INSTALLED IN STAGE 1
MAINTAIN FOR FUTURE STAGES

INSTALLED IN STAGE 1
MAINTAIN FOR FUTURE STAGES

6864 6866 6868 6870 6872 USH 53/63 SB 6874 6876 6878

3864 3866 3868 3870 3872 3874 3876 3878

USH 53/63 NB

EX R/W

WISCONSIN GREAT NORTHERN RAILROAD

WILD RIVERS STATE TRAIL

CTH A

GUY

GUY

EX R/W

EX R/W

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 3	SHEET 57	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022002-EC.DWG
LAYOUT NAME - 03

PLOT DATE : 2/28/2022 4:06 PM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

EX R/W

6552 6554 6556 6558 USH 53 SB 6560 6562 6564 6566

3552 3554 3556 3558 3560 3562 3564 3566

USH 53 NB

RESTORATION AFTER REMOVAL OF TEMPORARY SOUTH CROSSOVER SHOWN

EX R/W

EX R/W

2

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

EX R/W

EX R/W

6568 6570 6572 USH 53 SB 6574 6576 6578 6580 6582

3568 3570 3572 3574 USH 53 NB 3576 3578 3580 3582

RESTORATION AFTER REMOVAL OF TEMPORARY SOUTH CROSSOVER SHOWN

EX R/W

EX R/W

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 58	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022003-EC.DWG
LAYOUT NAME - 01

PLOT DATE : 10/7/2022 2:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

EX R/W

INSTALLED IN STAGE 1
MAINTAIN FOR FUTURE STAGES

INSTALLED IN STAGE 1
MAINTAIN FOR FUTURE STAGES

USH 53 SB

6582 6584 6586 6588 6590 6592 6594 6596

USH 53 NB

3582 3584 3586 3588 3590 3592 3594 3596

EX R/W

EX R/W

EX R/W

CRANBERRY DR
(WEST)

EX R/W

EX R/W

USH 53 SB

6598 6600 6602 6604 6606 6608 6610 6612

USH 53 NB

3598 3600 3602 3604 3606 3608 3610 3612

EX R/W

SIGN

SIGN

EX R/W

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 59	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022003-EC.DWG
LAYOUT NAME - 02
PLOT DATE : 10/7/2022 2:12 PM
PLOT BY : AUSTIN STRAHL
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

2

EX R/W

SIGN

EX R/W

6612 6614 6616 6618 USH 53 SB 6620 6622 6624 6626

3612 3614 3616 3618 USH 53 NB 3620 3622 3624 3626

CRANBERRY DR (EAST)

EX R/W

EX R/W

EX R/W

EX R/W

EX R/W

EX R/W

EX R/W

EX R/W

SIGN

6628 6630 6632 USH 53 SB 6634 6636 6638 6640 6642

3628 3630 3632 3634 USH 53 NB 3636 3638 3640 3642

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

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DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 60	E

2

2

EX R/W

USH 53 SB

6642 6644 6646 6648 6650 6652 6654 6656

USH 53 NB

3642 3644 3646 3648 3650 3652 3654 3656

RIPRAP

SIGN

6656 6658 6660 6662 6664 6666 6668 6670 6672

3656 3658 3660 3662 3664 3666 3668 3670

N

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

NOTES

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 61	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022003-EC.DWG
LAYOUT NAME - 04
PLOT DATE : 10/7/2022 2:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

NOTES

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

N

EX R/W

INSTALLED IN STAGE 3
MAINTAIN FOR FUTURE STAGES

6672 6674 6676"D" 6676 6678"D" 6678 USH 53 SB 6680 6680"D" 6682 6682"D" 6684 6684"D" 6686 6686"D"

3672 3674 3676 3678 USH 53 NB 3680 3682 3682"A" 3684 3684"A" 3686 3686"A"

SIGN

RESTORATION AFTER REMOVAL
OF TEMPORARY STH 70 RAMP
CROSSOVER SHOWN

EX R/W

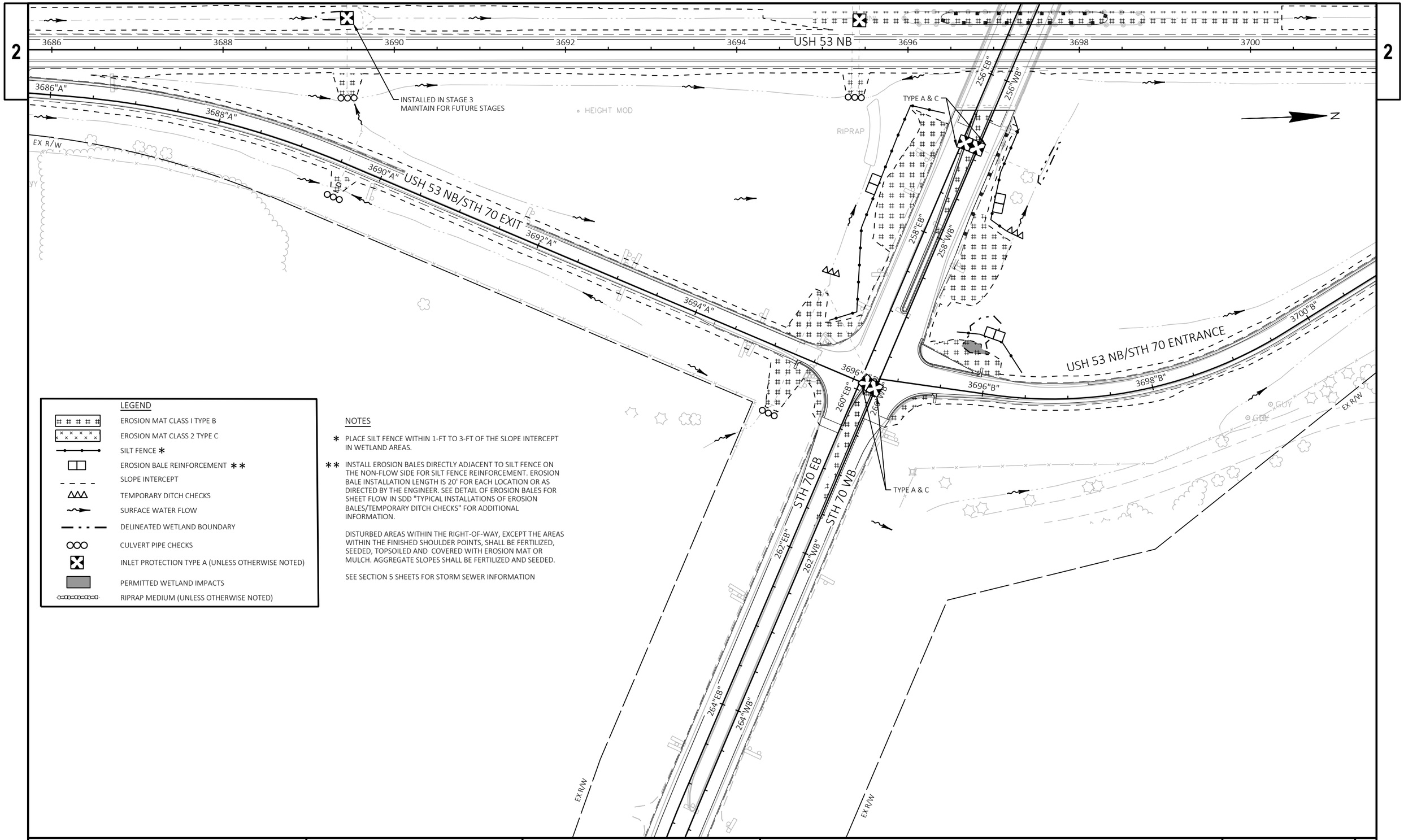
EX R/W

2

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 62	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022003-EC.DWG
LAYOUT NAME - 05

PLOT DATE : 10/7/2022 2:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT



LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 63	E

2

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

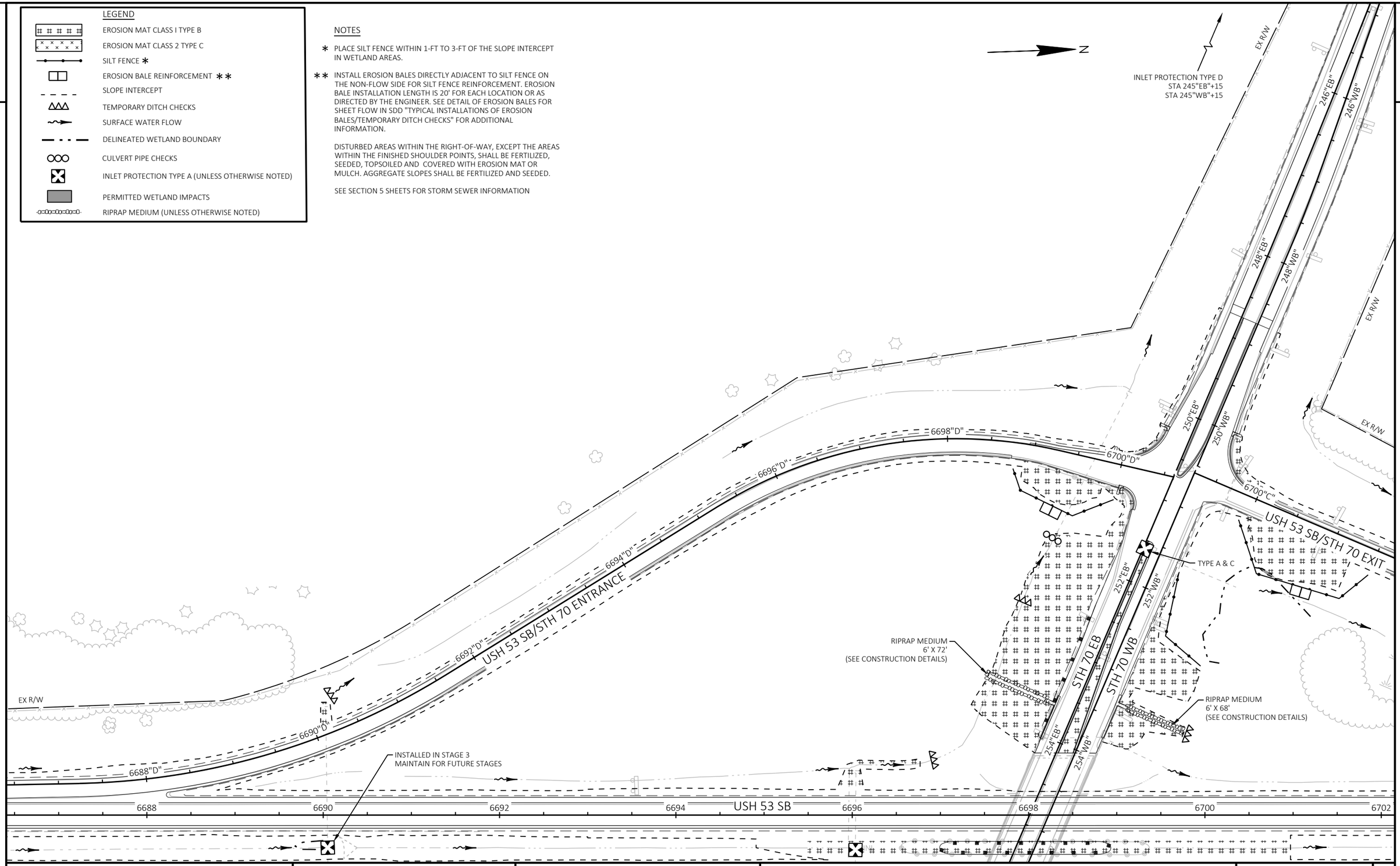
NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 64	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022003-EC.DWG
LAYOUT NAME - 07

PLOT DATE : 10/7/2022 2:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

NOTES

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

N

EX R/W

6702"C"

6704"C"

USH 53 SB/STH 70 EXIT

6706"C"

6708"C"

6710"C"

6712"C"

6714"C"

RESTORATION AFTER REMOVAL OF TEMPORARY STH 70 RAMP CROSSOVER SHOWN

6702 6704 6706 6708 USH 53 SB 6710 6712 6714 6716

3702 3704 3706 3708 USH 53 NB 3710 3712 3714 3716

3708"B"

3710"B"

3712"B"

3714"B"

3716"B"

3706"B"

3704"B"

USH 53 NB/STH 70 ENTRANCE

3702"B"

3700"B"

EX R/W

EX R/W

2

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 65	E

2

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

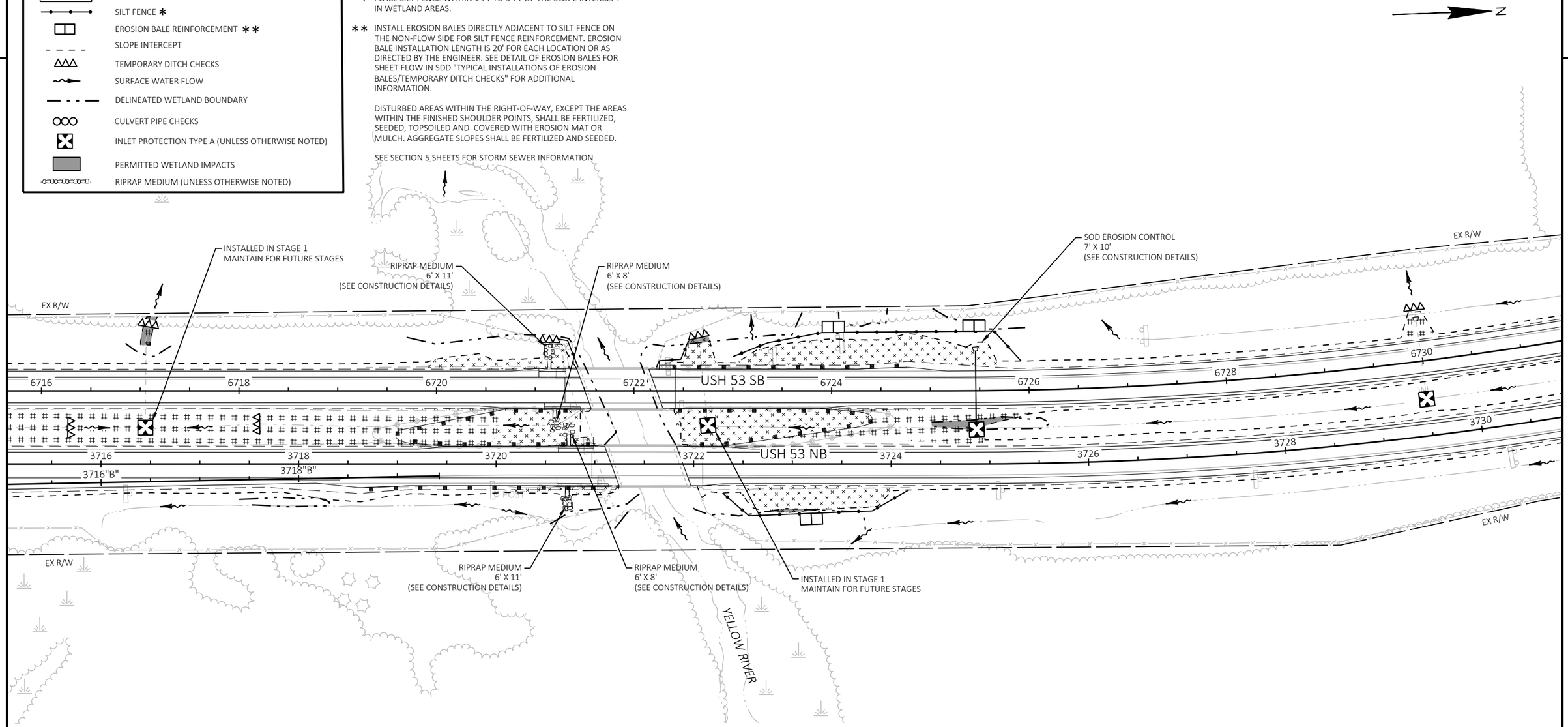
NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 66	E

2

EX R/W

OJIBWA RD

N

6730 6732 6734 6736 USH 53 SB 6738 6740 6742 6744

3730 3732 3734 3736 USH 53 NB 3738 3740 3742 3744

SIGN

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

NOTES

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

6746 6748 6750 6752 USH 53 SB 6754 6756 6758 6760

3746 3748 3750 3752 USH 53 NB 3754 3756 3758 3760

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 67	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022003-EC.DWG
LAYOUT NAME - 10
PLOT DATE : 10/7/2022 2:17 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

2

N

EX R/W

USH 53 SB

6760 6762 6764 6766 6768 6770 6772 6774

USH 53 NB

3760 3762 3764 3766 3768 3770 3772 3774

EX R/W

EX R/W

N

EX R/W

SIGN

USH 53 SB

6776 6778 6780 6782 6784 6786 6788 6790

USH 53 NB

3776 3778 3780 3782 3784 3786 3788 3790

BITTERSWEET DR

EX R/W

EX R/W

SIGN

EX R/W

EX R/W

EX R/W

GUY

GUY POLE

GUY

GUY

GUY

GUY

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

NOTES

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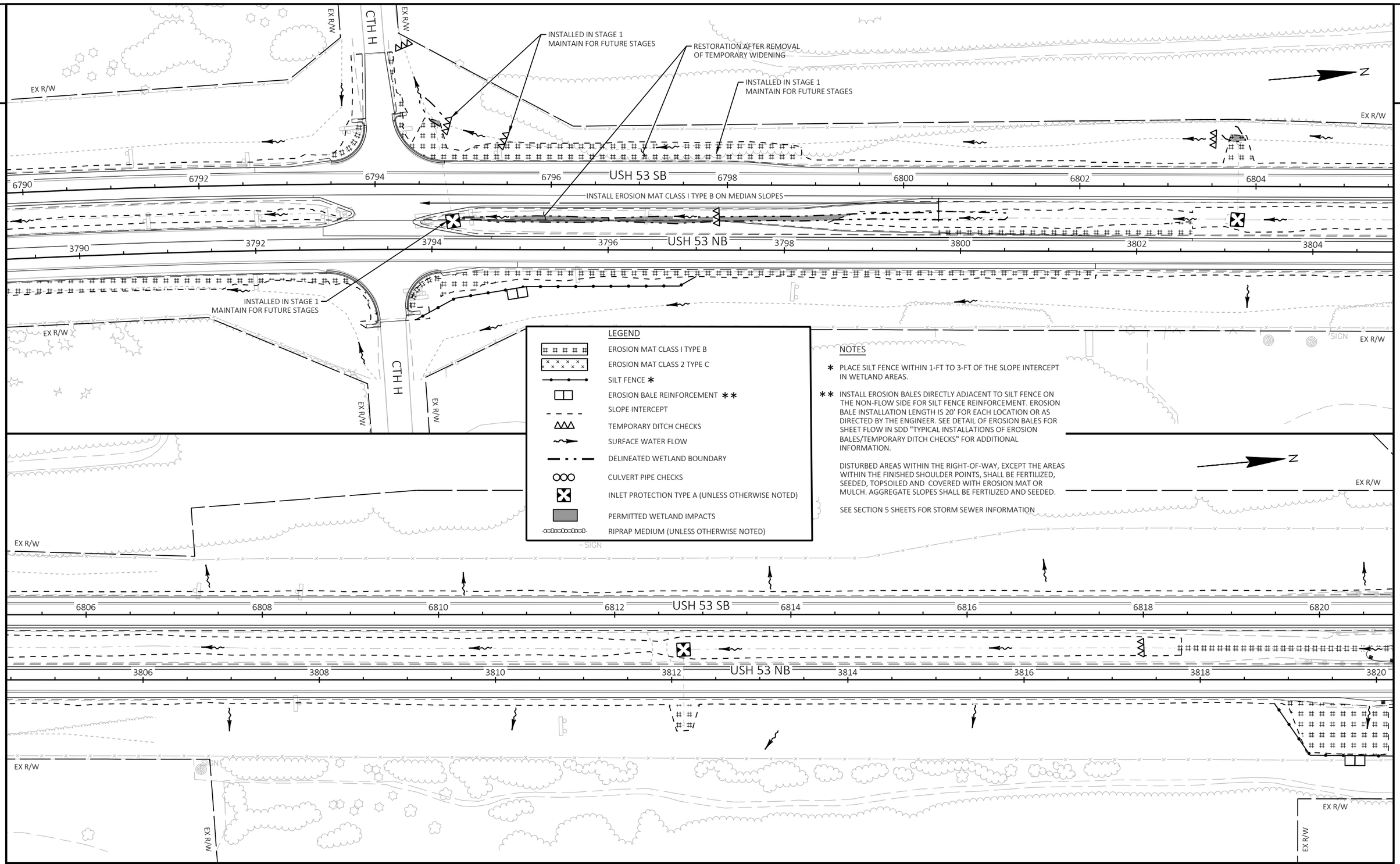
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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 68	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022003-EC.DWG
LAYOUT NAME - 11
PLOT DATE : 10/7/2022 2:18 PM
PLOT BY : AUSTIN STRAHL
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 69	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022003-EC.DWG
LAYOUT NAME - 12
PLOT DATE : 10/31/2022 11:52 AM
PLOT BY : AUSTIN STRAHL
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

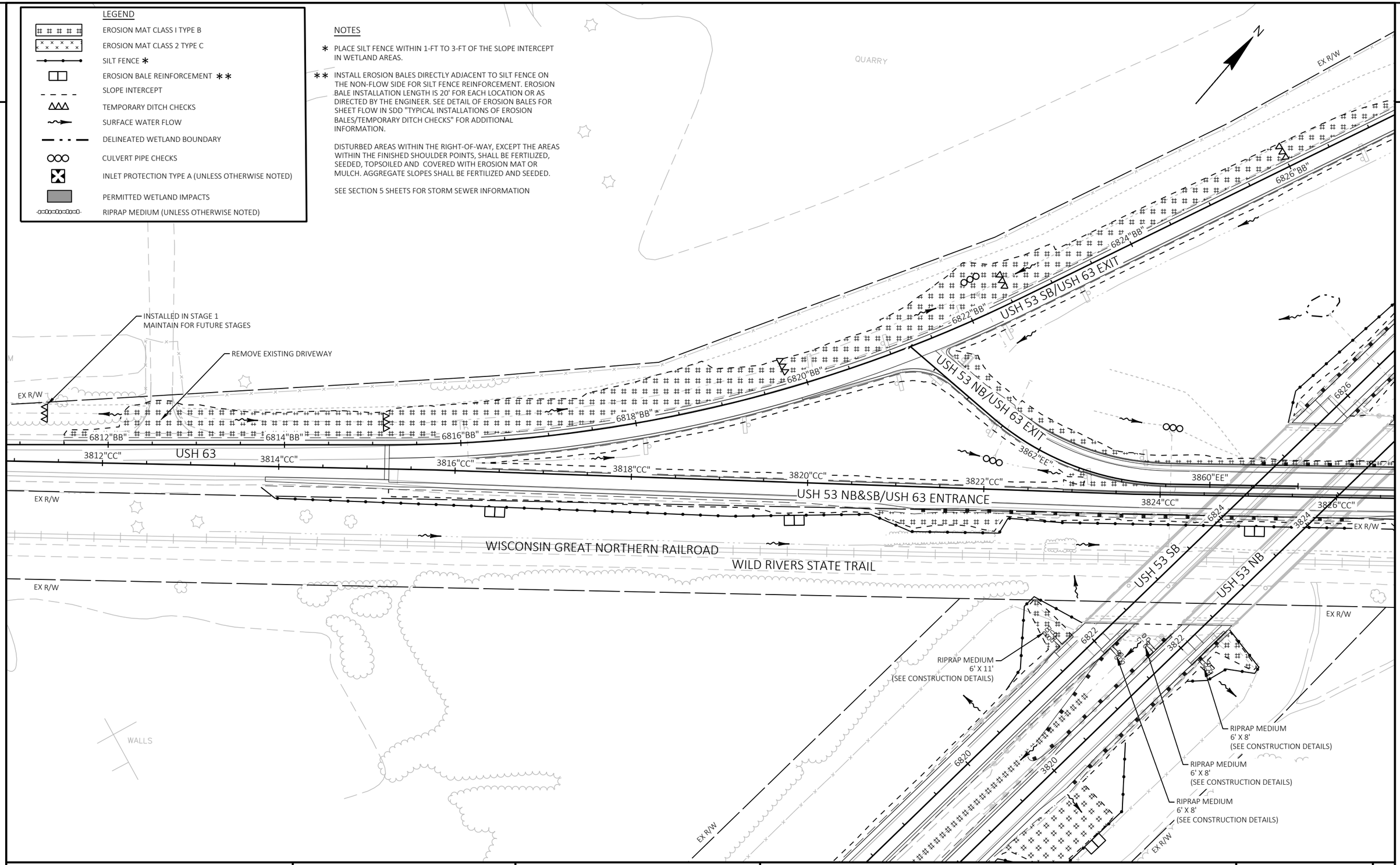
NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

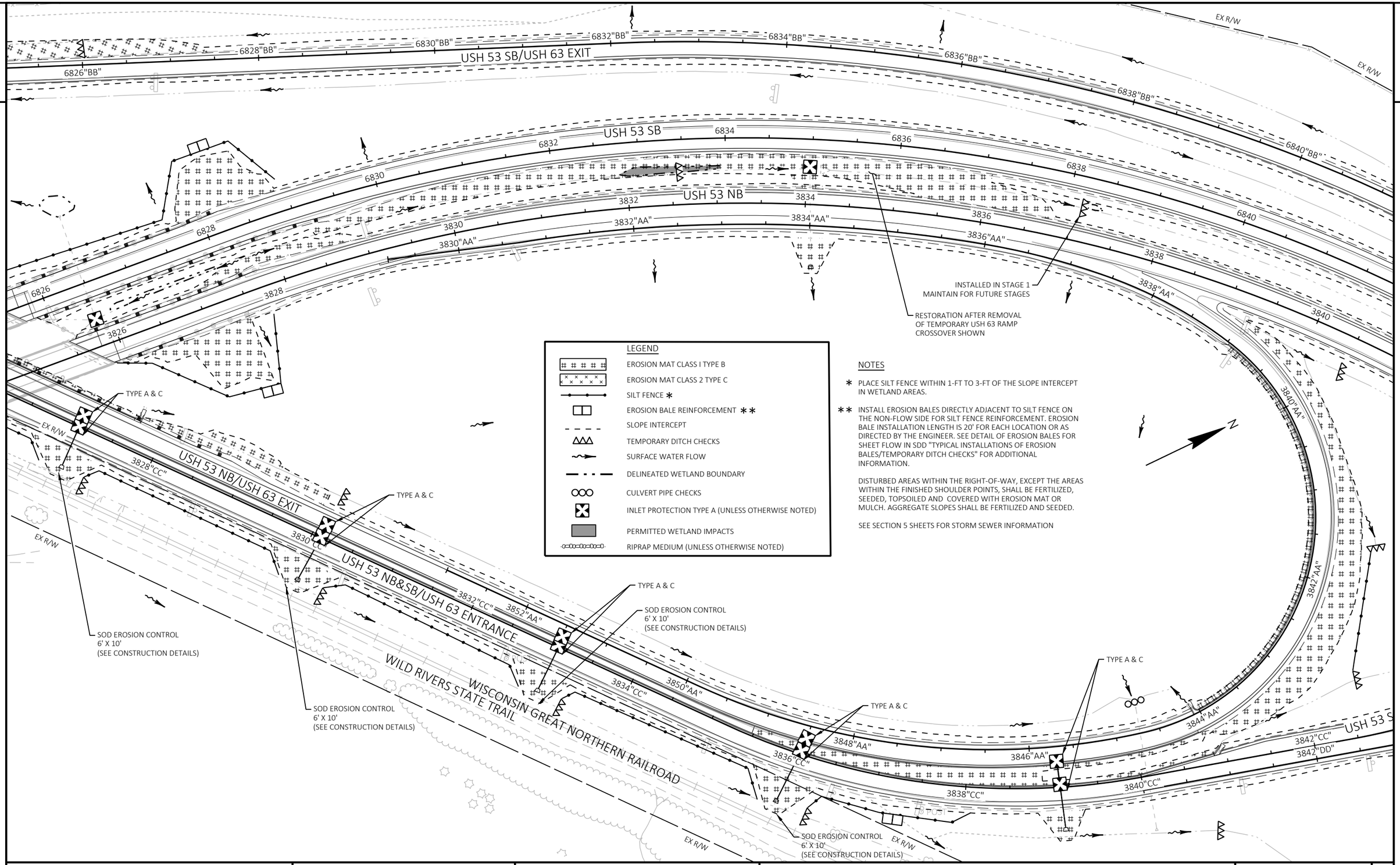


PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 70	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022003-EC.DWG
LAYOUT NAME - 13

PLOT DATE : 10/7/2022 2:19 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 71	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022003-EC.DWG
LAYOUT NAME - 14
PLOT DATE : 10/7/2022 2:20 PM
PLOT BY : AUSTIN STRAHL
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

N

EX R/W

LITTLE VALLEY RD

GUY

USH 53 SB/USH 63 EXIT

USH 53/63 SB

USH 53/63 NB

USH 53 NB/USH 63 ENTRANCE

USH 53 NB/USH 63 EXIT

USH 53 SB/USH 63 ENTRANCE

6842"BB" 6844"BB" 6846"BB" 6848"BB" 6850"BB" 6852"BB"

6842 6844 6846 6848 6850 6852 6854 6856

3840 3842 3844 3846 3848 3850 3852 3854

3840"AA" 3842"AA" 3844"AA"

3846"CC" 3844"CC" 3842"CC"

3844"DD" 3846"DD" 3848"DD" 3850"DD" 3852"DD" 3854"DD"

RESTORATION AFTER REMOVAL OF TEMPORARY USH 63 RAMP CROSSOVER SHOWN

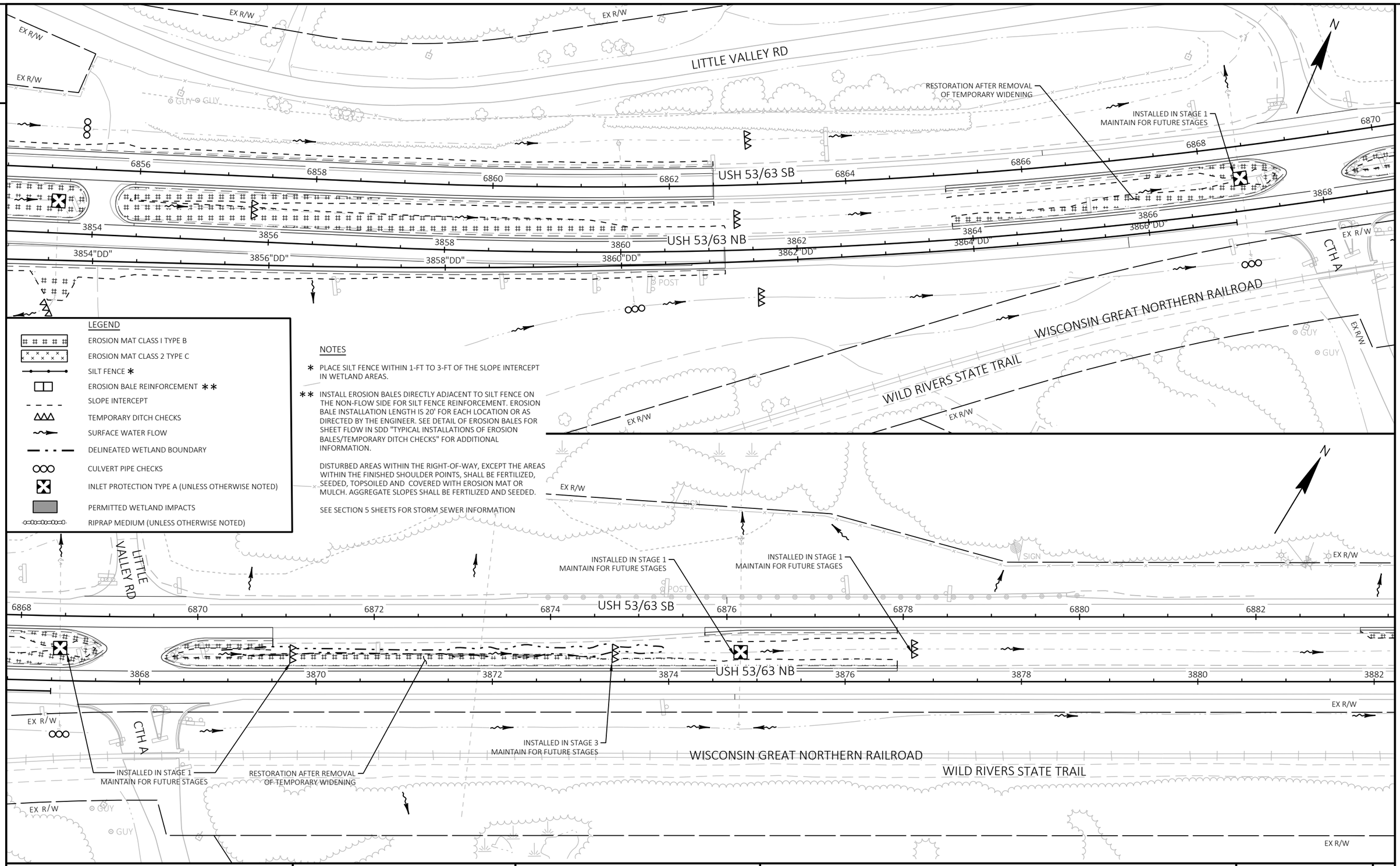
WISCONSIN GREAT NORTHERN RAILROAD
WILD RIVERS STATE TRAIL

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 72	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022003-EC.DWG
LAYOUT NAME - 15

PLOT DATE : 10/7/2022 2:20 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED, TOPSOILED AND COVERED WITH EROSION MAT OR MULCH. AGGREGATE SLOPES SHALL BE FERTILIZED AND SEEDED.

SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 73	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\022003-EC.DWG
LAYOUT NAME - 16
PLOT DATE : 10/7/2022 2:21 PM
PLOT BY : AUSTIN STRAHL
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

EX R/W

INSTALLED IN STAGE 1
MAINTAIN FOR FUTURE STAGES

6884 6886 6888 6890 USH 53/63 SB 6892 6894 6896 6898

3882 3884 3886 3888 3890 USH 53/63 NB 3892 3894 3896

EX R/W

RESTORATION AFTER REMOVAL OF TEMPORARY NORTH CROSSOVER SHOWN

EX R/W

WISCONSIN GREAT NORTHERN RAILROAD

WILD RIVERS STATE TRAIL

EX R/W

LEGEND

- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS 2 TYPE C
- SILT FENCE *
- EROSION BALE REINFORCEMENT **
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- INLET PROTECTION TYPE A (UNLESS OTHERWISE NOTED)
- PERMITTED WETLAND IMPACTS
- RIPRAP MEDIUM (UNLESS OTHERWISE NOTED)

NOTES

* PLACE SILT FENCE WITHIN 1-FT TO 3-FT OF THE SLOPE INTERCEPT IN WETLAND AREAS.

** INSTALL EROSION BALES DIRECTLY ADJACENT TO SILT FENCE ON THE NON-FLOW SIDE FOR SILT FENCE REINFORCEMENT. EROSION BALE INSTALLATION LENGTH IS 20' FOR EACH LOCATION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL OF EROSION BALES FOR SHEET FLOW IN SDD "TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS" FOR ADDITIONAL INFORMATION.

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SEE SECTION 5 SHEETS FOR STORM SEWER INFORMATION

EX R/W EX R/W

INSTALLED IN STAGE 1
MAINTAIN FOR FUTURE STAGES

INSTALLED IN STAGE 1
MAINTAIN FOR FUTURE STAGES

6898 6900 6902 6904 USH 53/63 SB 6906 6908 6910 6912

3896 3898 3900 3902 USH 53/63 NB 3904 3906 3908 3910

EX R/W

WISCONSIN GREAT NORTHERN RAILROAD
WILD RIVERS STATE TRAIL

EX R/W EX R/W EX R/W

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	EROSION CONTROL - STAGE 2, 4 & 5	SHEET 74	E

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- (X) SIGN NUMBER
- (8W) MARKING CHANNELIZING 8-INCH (WHITE)
- (CH) MARKING CHEVRON EPOXY 24-INCH
- (8WS) MARKING EDGE LINE SKIP 8-INCH (WHITE) (3' LINE, 9'GAP)
- (4WS) MARKING EDGE LINE SKIP 4-INCH (WHITE) (3' LINE, 9'GAP)
- (SL) MARKING STOP LINE 18-INCH (WHITE)

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

EXISTING SPEED LIMIT SIGNS SHALL BE COVERED BY TEMPORARY SPEED LIMIT SIGNS (55 MPH), SEE TRAFFIC CONTROL PLANS

(X) TRAFFIC CONTROL COVERING SIGNS IN THE STAGE NUMBER SHOWN (DURING BI-DIRECTIONAL TRAFFIC CONDITIONS); SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

[X] SIGNS NOTED FOR MOVING ARE IN CONFLICT WITH PROPOSED GRADING; REMOVE, STOCKPILE, AND RE-INSTALL IN THE STAGE NUMBER SHOWN UNLESS NOTED OTHERWISE

⚠X⚠ TRAFFIC CONTROL COVERING SIGNS DURING RAMP CLOSURES IN THE STAGE NUMBER SHOWN; SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

EDGE LINE, LANE LINE, AND TURN LANE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)" AND "PAVEMENT MARKING (TURN LANES)"

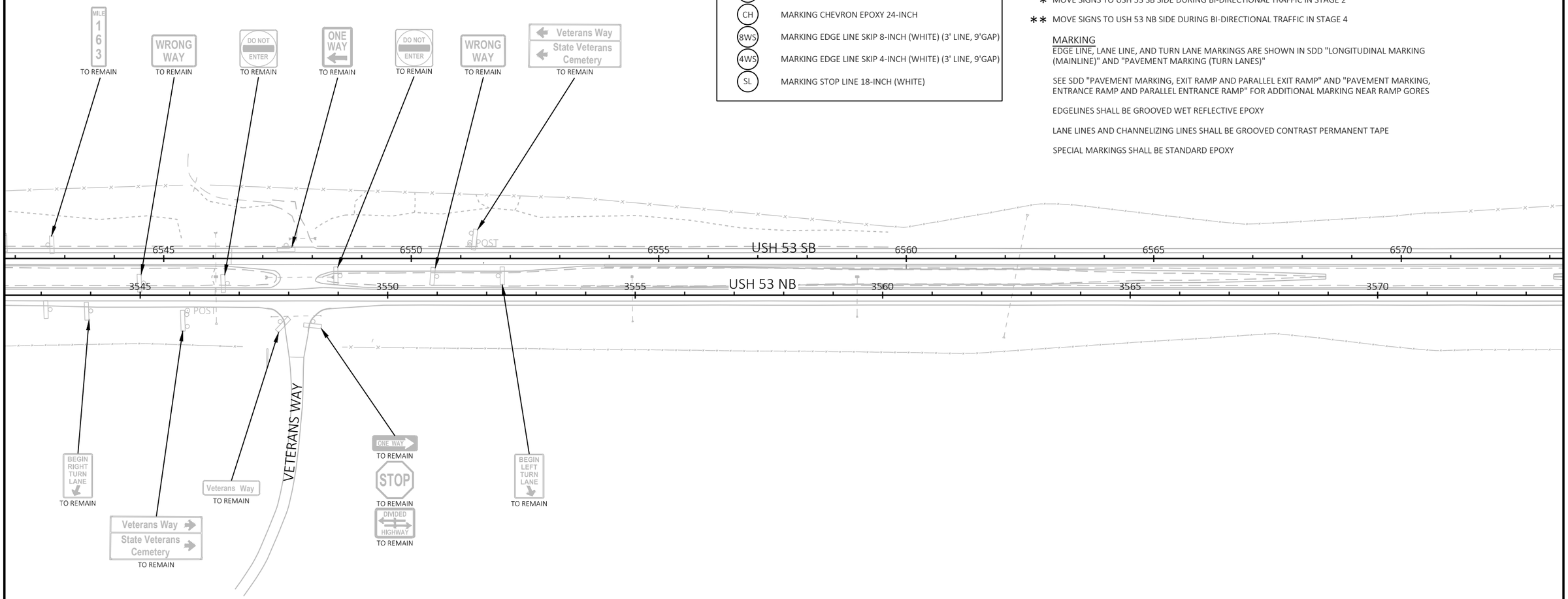
SEE SDD "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP" AND "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP" FOR ADDITIONAL MARKING NEAR RAMP GORES

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY

N



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 75	E

2

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
- 8W — MARKING CHANNELIZING 8-INCH (WHITE)
- CH — MARKING CHEVRON EPOXY 24-INCH
- 8WS — MARKING EDGE LINE SKIP 8-INCH (WHITE) (3' LINE, 9'GAP)
- 4WS — MARKING EDGE LINE SKIP 4-INCH (WHITE) (3' LINE, 9'GAP)
- SL — MARKING STOP LINE 18-INCH (WHITE)

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

EXISTING SPEED LIMIT SIGNS SHALL BE COVERED BY TEMPORARY SPEED LIMIT SIGNS (55 MPH), SEE TRAFFIC CONTROL PLANS

Ⓧ TRAFFIC CONTROL COVERING SIGNS IN THE STAGE NUMBER SHOWN (DURING BI-DIRECTIONAL TRAFFIC CONDITIONS); SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

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⚠ TRAFFIC CONTROL COVERING SIGNS DURING RAMP CLOSURES IN THE STAGE NUMBER SHOWN; SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

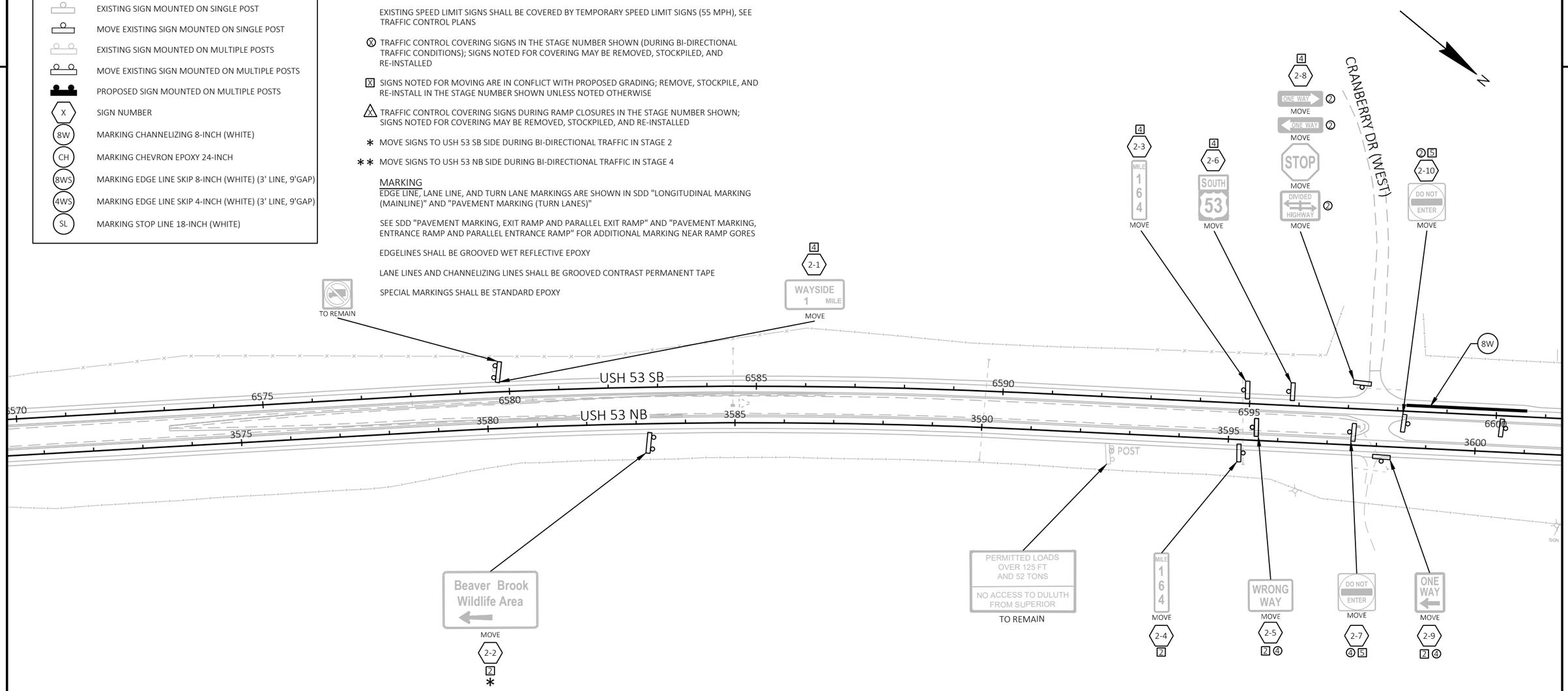
EDGE LINE, LANE LINE, AND TURN LANE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)" AND "PAVEMENT MARKING (TURN LANES)"

SEE SDD "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP" AND "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP" FOR ADDITIONAL MARKING NEAR RAMP GORES

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY



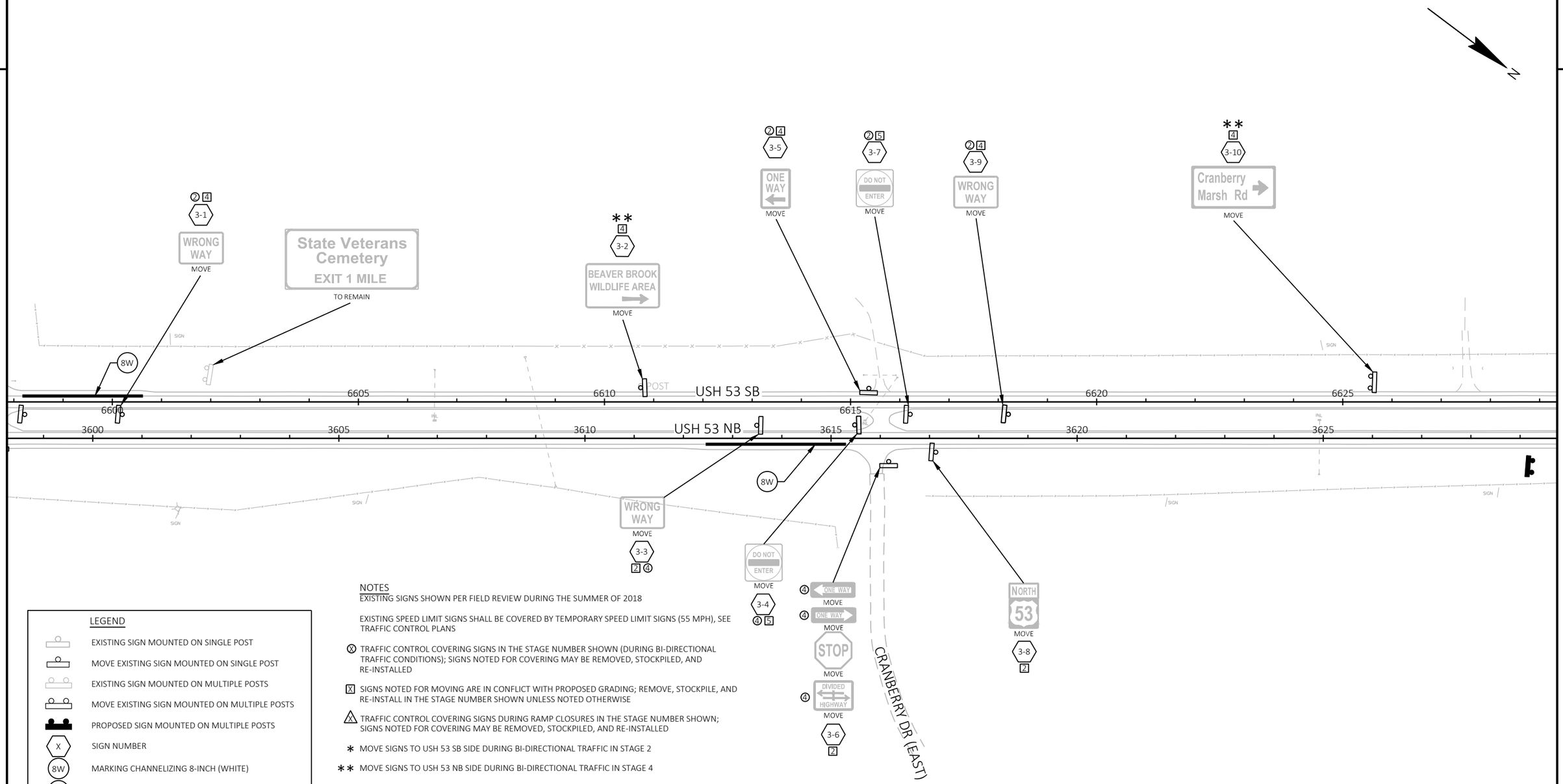
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 76	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 02

PLOT DATE : 4/26/2022 1:20 PM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2



LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
- 8W — MARKING CHANNELIZING 8-INCH (WHITE)
- CH — MARKING CHEVRON EPOXY 24-INCH
- 8WS — MARKING EDGE LINE SKIP 8-INCH (WHITE) (3' LINE, 9'GAP)
- 4WS — MARKING EDGE LINE SKIP 4-INCH (WHITE) (3' LINE, 9'GAP)
- SL — MARKING STOP LINE 18-INCH (WHITE)

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

EXISTING SPEED LIMIT SIGNS SHALL BE COVERED BY TEMPORARY SPEED LIMIT SIGNS (55 MPH), SEE TRAFFIC CONTROL PLANS

Ⓧ TRAFFIC CONTROL COVERING SIGNS IN THE STAGE NUMBER SHOWN (DURING BI-DIRECTIONAL TRAFFIC CONDITIONS); SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

[X] SIGNS NOTED FOR MOVING ARE IN CONFLICT WITH PROPOSED GRADING; REMOVE, STOCKPILE, AND RE-INSTALL IN THE STAGE NUMBER SHOWN UNLESS NOTED OTHERWISE

⚠X TRAFFIC CONTROL COVERING SIGNS DURING RAMP CLOSURES IN THE STAGE NUMBER SHOWN; SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

EDGE LINE, LANE LINE, AND TURN LANE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)" AND "PAVEMENT MARKING (TURN LANES)"

SEE SDD "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP" AND "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP" FOR ADDITIONAL MARKING NEAR RAMP GORES

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 77	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 03
PLOT DATE : 4/26/2022 1:20 PM
PLOT BY : CHRIS VILS
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- (X) SIGN NUMBER
- (8W) MARKING CHANNELIZING 8-INCH (WHITE)
- (CH) MARKING CHEVRON EPOXY 24-INCH
- (8WS) MARKING EDGE LINE SKIP 8-INCH (WHITE) (3' LINE, 9'GAP)
- (4WS) MARKING EDGE LINE SKIP 4-INCH (WHITE) (3' LINE, 9'GAP)
- (SL) MARKING STOP LINE 18-INCH (WHITE)

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

EXISTING SPEED LIMIT SIGNS SHALL BE COVERED BY TEMPORARY SPEED LIMIT SIGNS (55 MPH), SEE TRAFFIC CONTROL PLANS

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[X] SIGNS NOTED FOR MOVING ARE IN CONFLICT WITH PROPOSED GRADING; REMOVE, STOCKPILE, AND RE-INSTALL IN THE STAGE NUMBER SHOWN UNLESS NOTED OTHERWISE

⚠ TRAFFIC CONTROL COVERING SIGNS DURING RAMP CLOSURES IN THE STAGE NUMBER SHOWN; SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

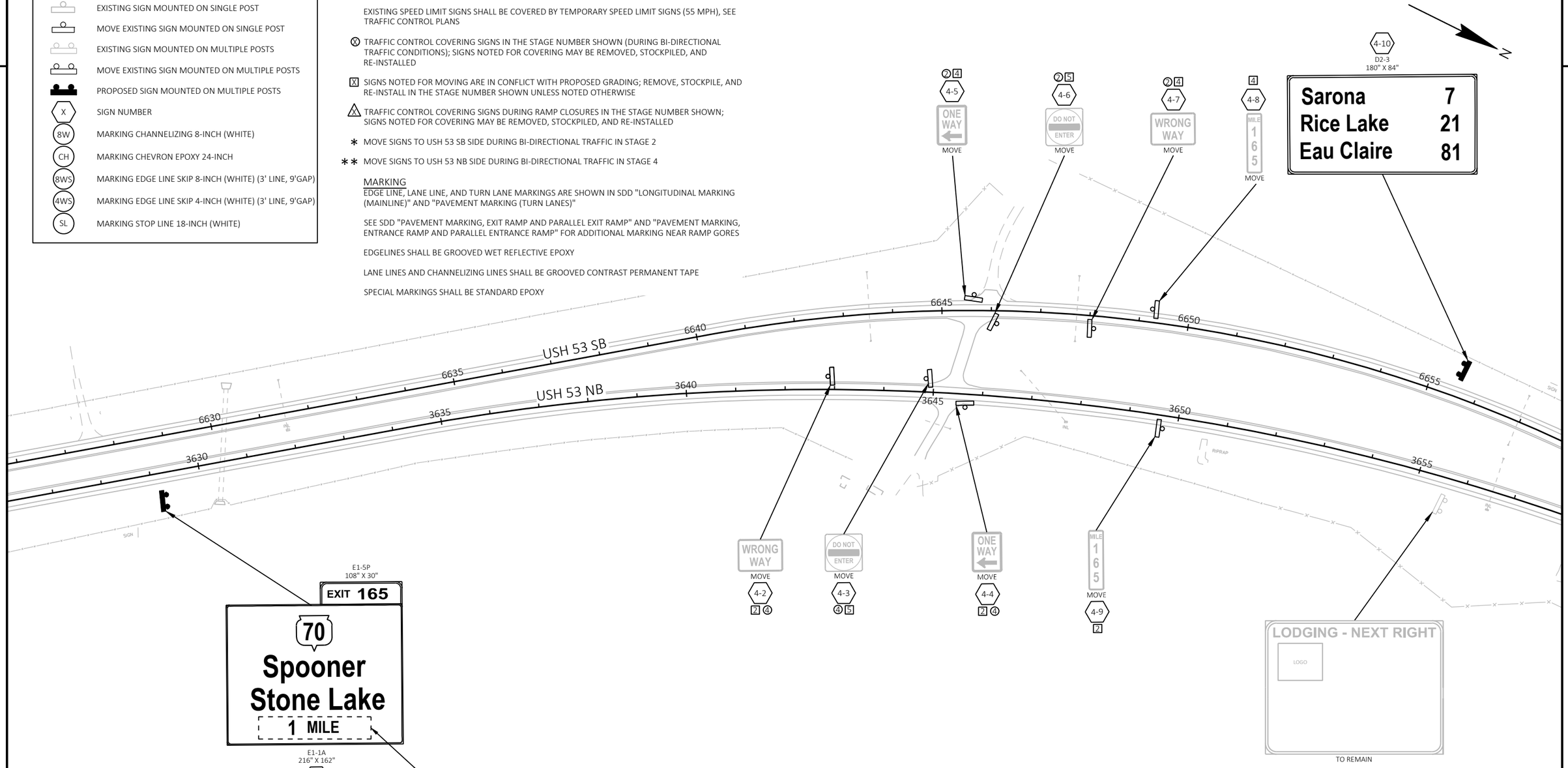
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SEE SDD "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP" AND "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP" FOR ADDITIONAL MARKING NEAR RAMP GORES

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 78	E

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
- 8W — MARKING CHANNELIZING 8-INCH (WHITE)
- CH — MARKING CHEVRON EPOXY 24-INCH
- 8WS — MARKING EDGE LINE SKIP 8-INCH (WHITE) (3' LINE, 9'GAP)
- 4WS — MARKING EDGE LINE SKIP 4-INCH (WHITE) (3' LINE, 9'GAP)
- SL — MARKING STOP LINE 18-INCH (WHITE)

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

EXISTING SPEED LIMIT SIGNS SHALL BE COVERED BY TEMPORARY SPEED LIMIT SIGNS (55 MPH), SEE TRAFFIC CONTROL PLANS

Ⓧ TRAFFIC CONTROL COVERING SIGNS IN THE STAGE NUMBER SHOWN (DURING BI-DIRECTIONAL TRAFFIC CONDITIONS); SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

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△X TRAFFIC CONTROL COVERING SIGNS DURING RAMP CLOSURES IN THE STAGE NUMBER SHOWN; SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

EDGE LINE, LANE LINE, AND TURN LANE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)" AND "PAVEMENT MARKING (TURN LANES)"

SEE SDD "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP" AND "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP" FOR ADDITIONAL MARKING NEAR RAMP GORES

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY

N

4 5-1 — SPEED LIMIT 65 — MOVE

4 5-3 — SOUTH 53 — MOVE

4 5-6 — BUCKLE UP IT'S THE LAW — MOVE

USH 53 SB

USH 53 NB

655 6660 6665 6670 6675 6680 6685

3655 3660 3665 3670 3675 3680 3685

8W

4WS CH 8W

GAS - NEXT RIGHT
LOGO
FOOD - NEXT RIGHT
LOGO LOGO
TO REMAIN

Tourist Info
EXIT 165
E3-1
144" X 60"
5-2

COVER WITH FIX MESSAGE SIGN IN STAGE 2

TO SOUTH 63
MOVE
5-4
* 2
△2

Lac Courte Oreilles
EXIT 165
E9-1
228" X 54"
5-5
△2

E1-5P
108" X 30"
EXIT 165
70
Spooner
Stone Lake
△2
E4-1A
240" X 132"
5-7

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 79	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 05

PLOT DATE : 4/26/2022 1:20 PM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
- 8W — MARKING CHANNELIZING 8-INCH (WHITE)
- CH — MARKING CHEVRON EPOXY 24-INCH
- 8WS — MARKING EDGE LINE SKIP 8-INCH (WHITE) (3' LINE, 9'GAP)
- 4WS — MARKING EDGE LINE SKIP 4-INCH (WHITE) (3' LINE, 9'GAP)
- SL — MARKING STOP LINE 18-INCH (WHITE)

SEE "PERMANENT SIGNING - STH 70" FOR SIGNING ON STH 70

SEE "MARKING - STH 70" FOR PROPOSED MARKING ON STH 70

N

USH 53 SB/STH 70 ENTRANCE

USH 53 SB

USH 53 SB/STH 70 EXIT

USH 53 NB

USH 53 NB/STH 70 EXIT

USH 53 NB/STH 70 ENTRANCE

STH 70 EB

STH 70 WB

250' EB

235' EB

260' EB

265' WB

6685 6690 6695 6700 6705 6710

3685 3690 3695 3700 3705 3710

6-1 MOVE

6-2 MOVE

6-3 MOVE — Spooner / Stone Lake

6-4 MOVE — WRONG WAY

6-5 MOVE

6-6 — 70

6-7 MOVE — TO SOUTH 63

6-8 MOVE — DO NOT ENTER

6-9 — DO NOT ENTER

6-10 MOVE — DO NOT ENTER

6-11 MOVE — DO NOT ENTER

6-12 MOVE — EAST 70 / WEST 70

6-13 MOVE — WRONG WAY

6-14 MOVE — WRONG WAY

6-15 MOVE — Lac Courte Oreilles

6-16 MOVE — Stone Lake / Spooner

6-17 MOVE

6-18 MOVE — EXIT 165

TO REMAIN — WRONG WAY

TO REMAIN — LODGING

TO REMAIN — GAS 1.8 | FOOD 1.8 2.5

TO REMAIN — GAS 1.8 | FOOD 1.8 2.5

TO REMAIN — LODGING 1.8

TO REMAIN

REMOVE IN STAGE 3
REINSTALL IN STAGE 5

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

EXISTING SPEED LIMIT SIGNS SHALL BE COVERED BY TEMPORARY SPEED LIMIT SIGNS (55 MPH), SEE TRAFFIC CONTROL PLANS

(X) TRAFFIC CONTROL COVERING SIGNS IN THE STAGE NUMBER SHOWN (DURING BI-DIRECTIONAL TRAFFIC CONDITIONS); SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

[X] SIGNS NOTED FOR MOVING ARE IN CONFLICT WITH PROPOSED GRADING; REMOVE, STOCKPILE, AND RE-INSTALL IN THE STAGE NUMBER SHOWN UNLESS NOTED OTHERWISE

△X TRAFFIC CONTROL COVERING SIGNS DURING RAMP CLOSURES IN THE STAGE NUMBER SHOWN; SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

EDGE LINE, LANE LINE, AND TURN LANE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)" AND "PAVEMENT MARKING (TURN LANES)"

SEE SDD "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP" AND "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP" FOR ADDITIONAL MARKING NEAR RAMP GORES

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY

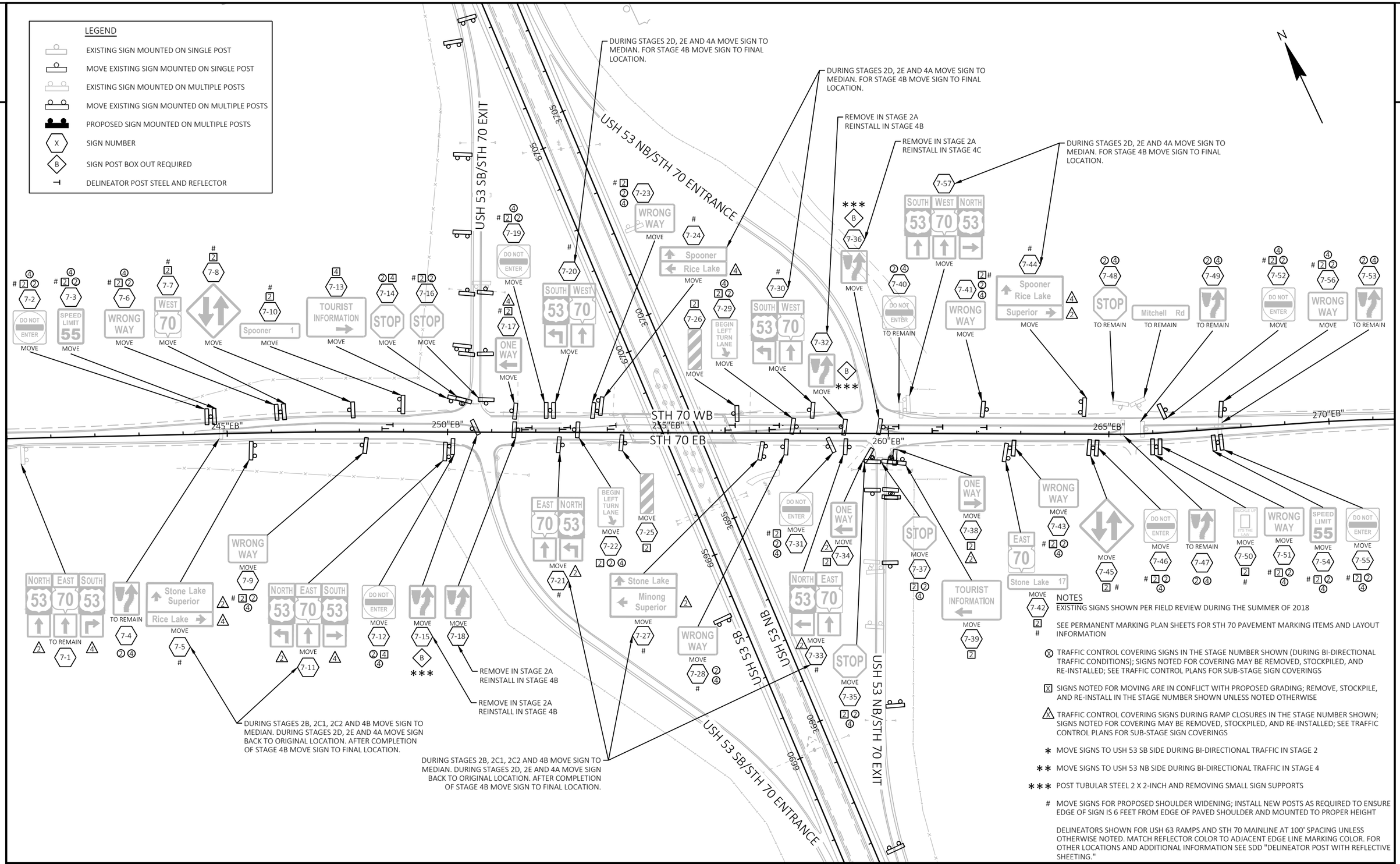
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 80	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 06

PLOT DATE : 4/26/2022 1:20 PM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2



NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

SEE PERMANENT MARKING PLAN SHEETS FOR STH 70 PAVEMENT MARKING ITEMS AND LAYOUT INFORMATION

(X) TRAFFIC CONTROL COVERING SIGNS IN THE STAGE NUMBER SHOWN (DURING BI-DIRECTIONAL TRAFFIC CONDITIONS); SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED; SEE TRAFFIC CONTROL PLANS FOR SUB-STAGE SIGN COVERINGS

[X] SIGNS NOTED FOR MOVING ARE IN CONFLICT WITH PROPOSED GRADING; REMOVE, STOCKPILE, AND RE-INSTALL IN THE STAGE NUMBER SHOWN UNLESS NOTED OTHERWISE

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* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

*** POST TUBULAR STEEL 2 X 2-INCH AND REMOVING SMALL SIGN SUPPORTS

MOVE SIGNS FOR PROPOSED SHOULDER WIDENING; INSTALL NEW POSTS AS REQUIRED TO ENSURE EDGE OF SIGN IS 6 FEET FROM EDGE OF PAVED SHOULDER AND MOUNTED TO PROPER HEIGHT

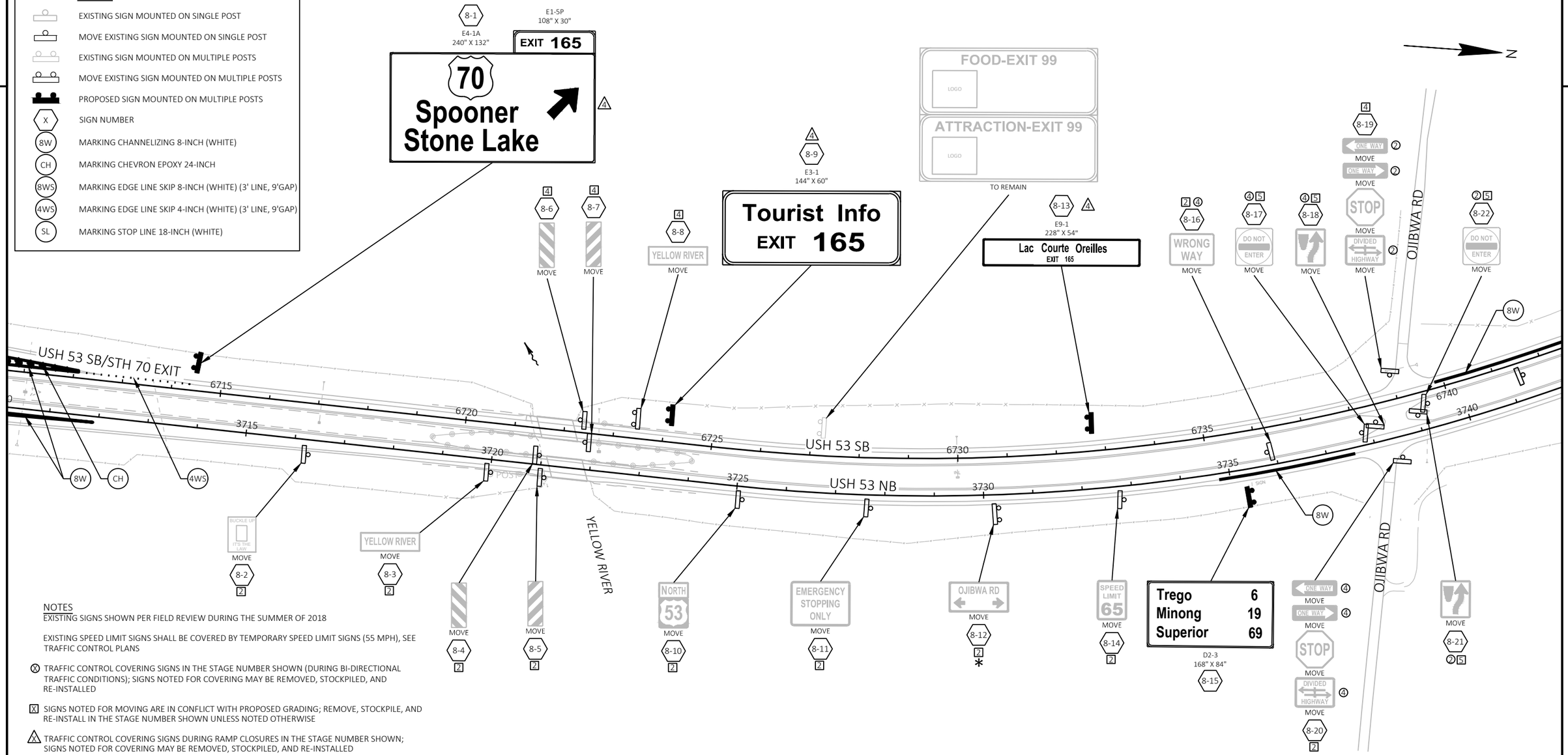
DELINEATORS SHOWN FOR USH 63 RAMPS AND STH 70 MAINLINE AT 100' SPACING UNLESS OTHERWISE NOTED. MATCH REFLECTOR COLOR TO ADJACENT EDGE LINE MARKING COLOR. FOR OTHER LOCATIONS AND ADDITIONAL INFORMATION SEE SDD "DELINEATOR POST WITH REFLECTIVE SHEETING."

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING - STH 70	SHEET 81	E

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
- 8W — MARKING CHANNELIZING 8-INCH (WHITE)
- CH — MARKING CHEVRON EPOXY 24-INCH
- 8WS — MARKING EDGE LINE SKIP 8-INCH (WHITE) (3' LINE, 9'GAP)
- 4WS — MARKING EDGE LINE SKIP 4-INCH (WHITE) (3' LINE, 9'GAP)
- SL — MARKING STOP LINE 18-INCH (WHITE)



NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

EXISTING SPEED LIMIT SIGNS SHALL BE COVERED BY TEMPORARY SPEED LIMIT SIGNS (55 MPH), SEE TRAFFIC CONTROL PLANS

(X) TRAFFIC CONTROL COVERING SIGNS IN THE STAGE NUMBER SHOWN (DURING BI-DIRECTIONAL TRAFFIC CONDITIONS); SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

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MARKING

EDGE LINE, LANE LINE, AND TURN LANE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)" AND "PAVEMENT MARKING (TURN LANES)"

SEE SDD "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP" AND "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP" FOR ADDITIONAL MARKING NEAR RAMP GORES

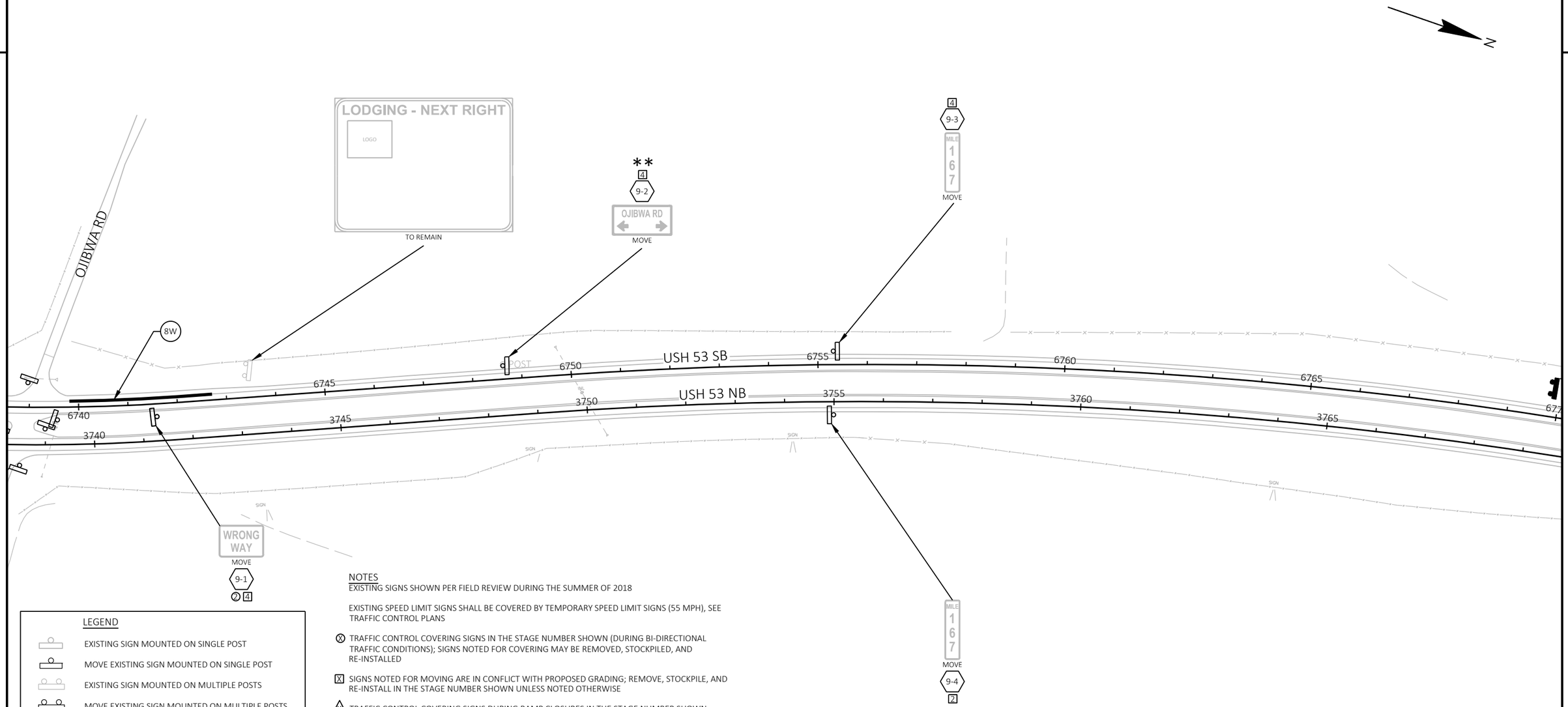
EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 82	E

2



LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
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- CH — MARKING CHEVRON EPOXY 24-INCH
- 8WS — MARKING EDGE LINE SKIP 8-INCH (WHITE) (3' LINE, 9'GAP)
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NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

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MARKING

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SPECIAL MARKINGS SHALL BE STANDARD EPOXY

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 83	E

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
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- 4WS — MARKING EDGE LINE SKIP 4-INCH (WHITE) (3' LINE, 9'GAP)
- SL — MARKING STOP LINE 18-INCH (WHITE)

10-1 E1-1A 216" X 162"

E1-5P 108" X 30"

EXIT 165

70
Spooner
Stone Lake
1 MILE

COVER WITH FIX MESSAGE SIGN IN STAGE 4

10-5 DO NOT ENTER MOVE

10-7 ONE WAY MOVE

10-9 DO NOT ENTER MOVE

10-11 WRONG WAY MOVE

10-13 SPEED LIMIT 65 MOVE

10-15 BITTERSWEET RD MOVE **

10-17 SOUTH 53 MOVE

10-21 YIELD MOVE

10-23 SOUTH 53 MOVE **

10-24 ONE WAY MOVE / ONE WAY MOVE

10-27 STOP MOVE

10-29 MOVE

10-30 DO NOT ENTER MOVE

REMOVE IN STAGE 1
REINSTALL IN STAGE 5

REMOVE IN STAGE 2
REINSTALL IN STAGE 5

REMOVE IN STAGE 1
REINSTALL IN STAGE 5

USH 53 SB

USH 53 NB

CTH H

6770 6775 6780 6785 6790 6795
3770 3775 3780 3785 3790 3795

10-2 BITTERSWEET RD MOVE *

10-3 CROSS TRAFFIC NEXT 55 MILES MOVE

10-4 WRONG WAY MOVE *

10-6 Bittersweet Dr MOVE

BITTERSWEET DR

10-8 ONE WAY MOVE / ONE WAY MOVE / STOP MOVE / DIVIDED HIGHWAY MOVE

10-10 JCT COUNTY H MOVE *

10-12 H MOVE *

10-14 SPOONER GOLF CLUB MOVE

10-16 WRONG WAY MOVE

10-19 H MOVE *

10-18 COUNTY H MOVE *

10-20 DO NOT ENTER MOVE

10-22 MOVE

REMOVE IN STAGE 1
REINSTALL IN STAGE 5

10-25 NORTH 53 MOVE *

10-26 ONE WAY MOVE / ONE WAY MOVE / STOP MOVE / DIVIDED HIGHWAY MOVE

10-28 YIELD MOVE

REMOVE IN STAGE 2
REINSTALL IN STAGE 5

BEAR PATH LN

8W

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

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SPECIAL MARKINGS SHALL BE STANDARD EPOXY

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 84	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 10

PLOT DATE : 4/26/2022 1:21 PM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:200 FT

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- X — SIGN NUMBER
- 8W — MARKING CHANNELIZING 8-INCH (WHITE)
- CH — MARKING CHEVRON EPOXY 24-INCH
- 8WS — MARKING EDGE LINE SKIP 8-INCH (WHITE) (3' LINE, 9'GAP)
- 4WS — MARKING EDGE LINE SKIP 4-INCH (WHITE) (3' LINE, 9'GAP)
- SL — MARKING STOP LINE 18-INCH (WHITE)
- DELINEATOR POST STEEL AND REFLECTOR

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

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DELINEATORS SHOWN FOR USH 63 RAMPS AND STH 70 MAINLINE AT 100' SPACING UNLESS OTHERWISE NOTED. MATCH REFLECTOR COLOR TO ADJACENT EDGE LINE MARKING COLOR. FOR OTHER LOCATIONS AND ADDITIONAL INFORMATION SEE SDD "DELINEATOR POST WITH REFLECTIVE SHEETING."

MARKING

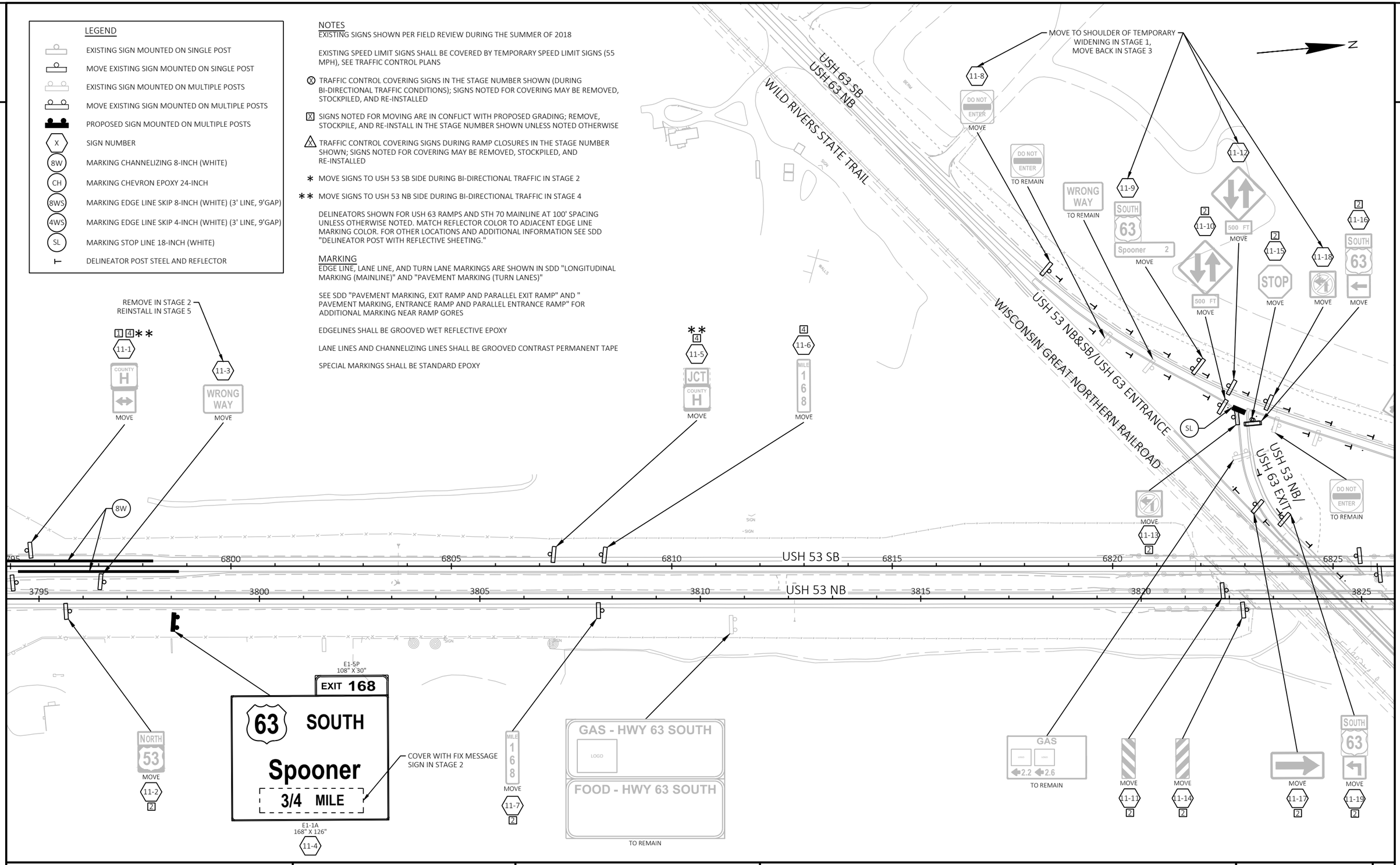
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SEE SDD "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP" AND " PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP" FOR ADDITIONAL MARKING NEAR RAMP GORES

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 85	E

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- PROPOSED SIGN MOUNTED ON MULTIPLE POSTS
- (X) SIGN NUMBER
- (8W) MARKING CHANNELIZING 8-INCH (WHITE)
- (CH) MARKING CHEVRON EPOXY 24-INCH
- (8WS) MARKING EDGE LINE SKIP 8-INCH (WHITE) (3' LINE, 9'GAP)
- (4WS) MARKING EDGE LINE SKIP 4-INCH (WHITE) (3' LINE, 9'GAP)
- (SL) MARKING STOP LINE 18-INCH (WHITE)
- DELINEATOR POST STEEL AND REFLECTOR

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

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MARKING

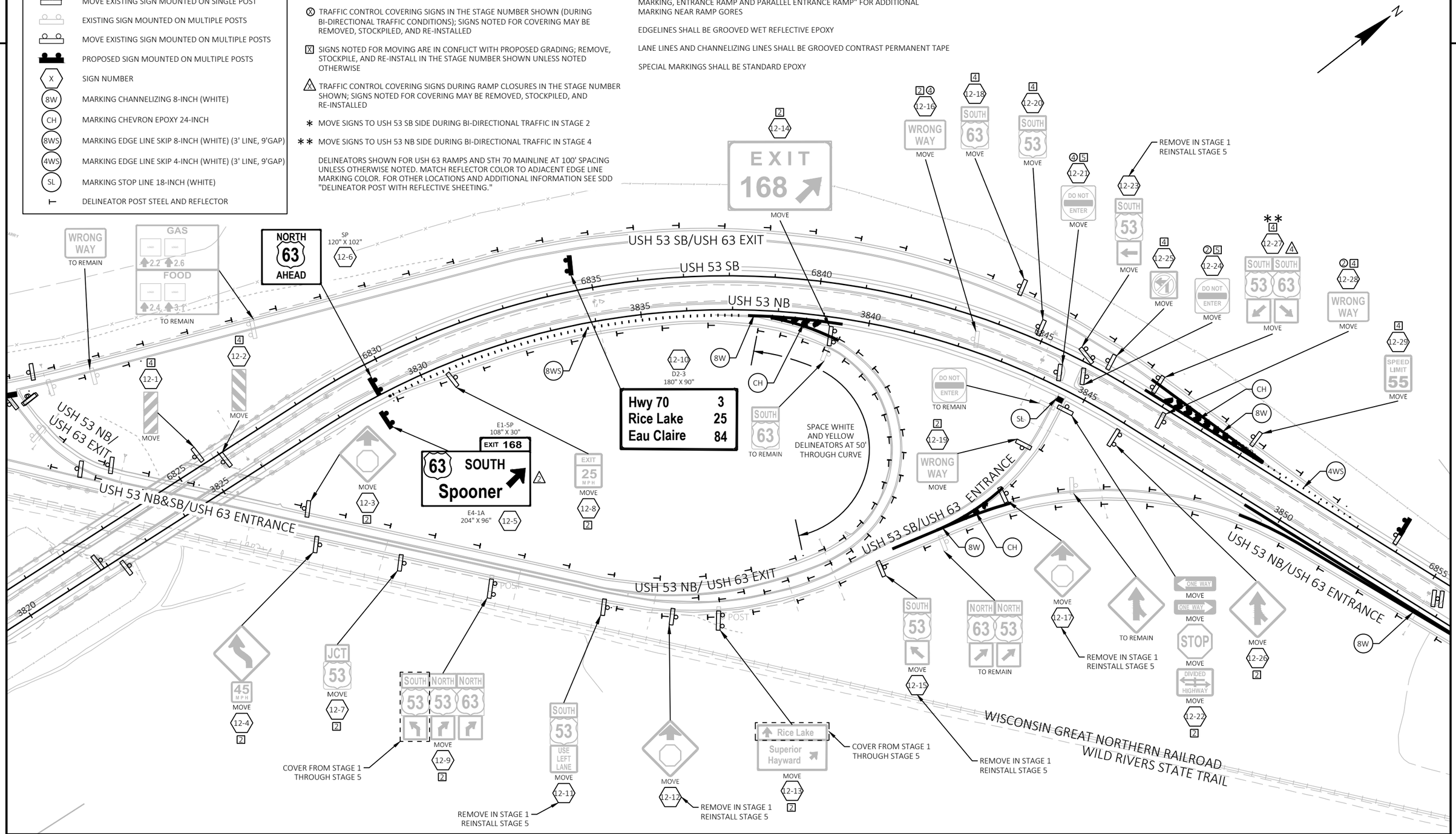
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SPECIAL MARKINGS SHALL BE STANDARD EPOXY



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 86	E

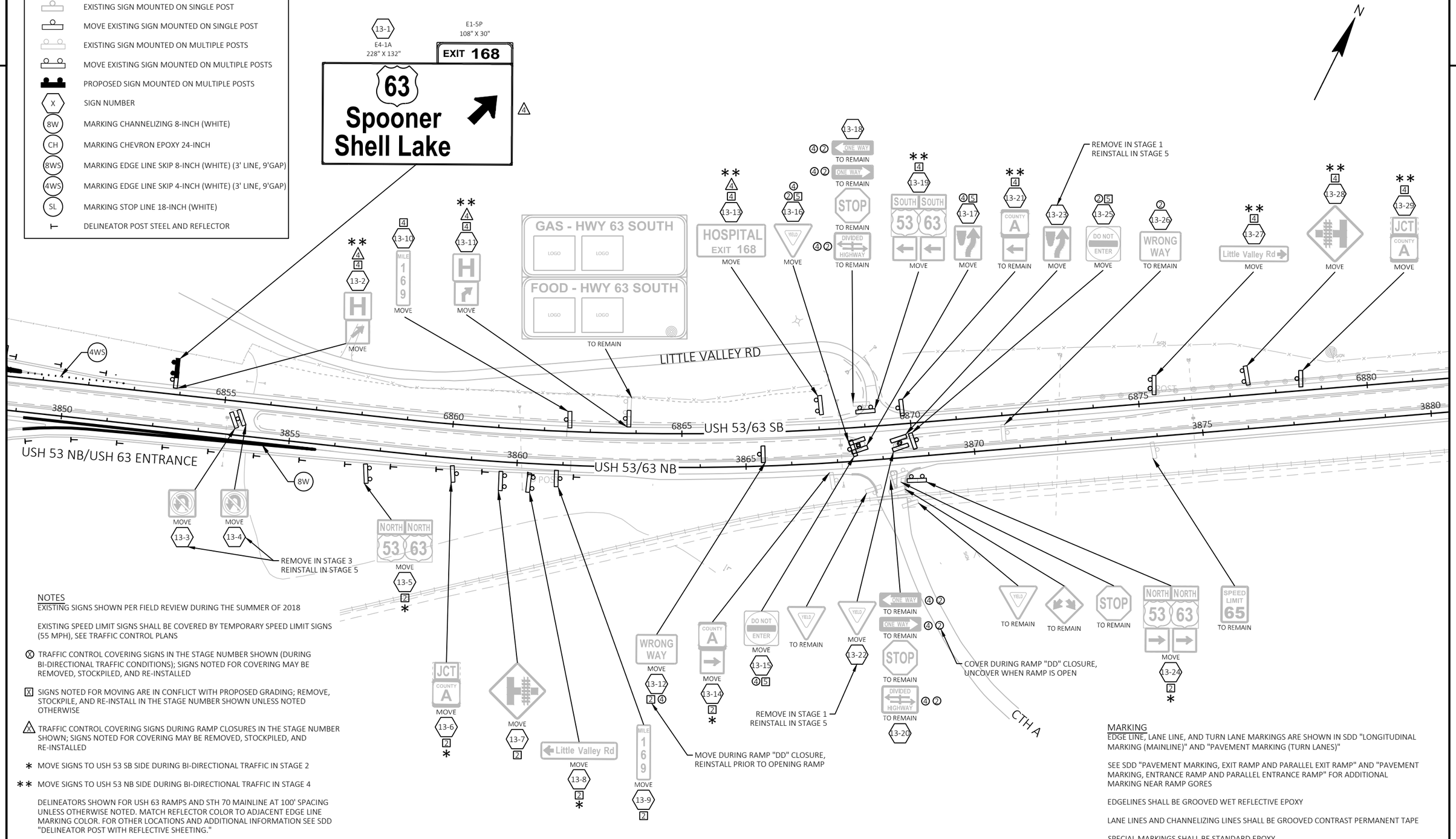
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 12

PLOT DATE : 4/26/2022 1:21 PM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
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NOTES

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EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

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SPECIAL MARKINGS SHALL BE STANDARD EPOXY

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 87	E

2

LEGEND

- EXISTING SIGN MOUNTED ON SINGLE POST
- MOVE EXISTING SIGN MOUNTED ON SINGLE POST
- EXISTING SIGN MOUNTED ON MULTIPLE POSTS
- MOVE EXISTING SIGN MOUNTED ON MULTIPLE POSTS
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- (SL) MARKING STOP LINE 18-INCH (WHITE)

ADDITIONAL EXISTING SIGNS ARE LOCATED WITHIN THE LIMITS OF THIS SHEET ON THE OUTSIDE OF USH 53

NOTES

EXISTING SIGNS SHOWN PER FIELD REVIEW DURING THE SUMMER OF 2018

EXISTING SPEED LIMIT SIGNS SHALL BE COVERED BY TEMPORARY SPEED LIMIT SIGNS (55 MPH), SEE TRAFFIC CONTROL PLANS

(X) TRAFFIC CONTROL COVERING SIGNS IN THE STAGE NUMBER SHOWN (DURING BI-DIRECTIONAL TRAFFIC CONDITIONS); SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

[X] SIGNS NOTED FOR MOVING ARE IN CONFLICT WITH PROPOSED GRADING; REMOVE, STOCKPILE, AND RE-INSTALL IN THE STAGE NUMBER SHOWN UNLESS NOTED OTHERWISE

⚠X⚠ TRAFFIC CONTROL COVERING SIGNS DURING RAMP CLOSURES IN THE STAGE NUMBER SHOWN; SIGNS NOTED FOR COVERING MAY BE REMOVED, STOCKPILED, AND RE-INSTALLED

* MOVE SIGNS TO USH 53 SB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 2

** MOVE SIGNS TO USH 53 NB SIDE DURING BI-DIRECTIONAL TRAFFIC IN STAGE 4

MARKING

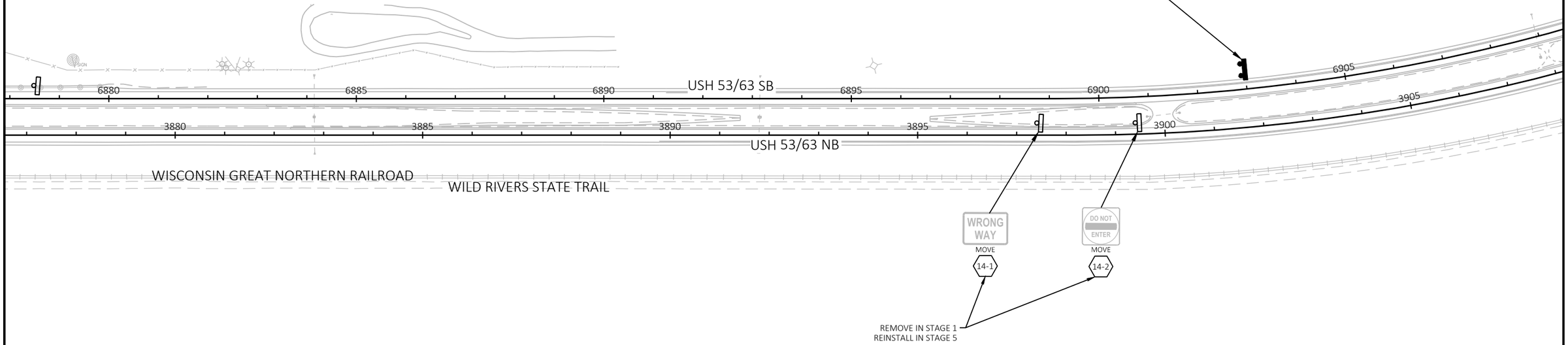
EDGE LINE, LANE LINE, AND TURN LANE MARKINGS ARE SHOWN IN SDD "LONGITUDINAL MARKING (MAINLINE)" AND "PAVEMENT MARKING (TURN LANES)"

SEE SDD "PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP" AND "PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP" FOR ADDITIONAL MARKING NEAR RAMP GORES

EDGELINES SHALL BE GROOVED WET REFLECTIVE EPOXY

LANE LINES AND CHANNELIZING LINES SHALL BE GROOVED CONTRAST PERMANENT TAPE

SPECIAL MARKINGS SHALL BE STANDARD EPOXY



2

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PERMANENT SIGNING AND MARKING	SHEET 88	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 14

PLOT DATE : 4/26/2022 1:21 PM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:200 FT

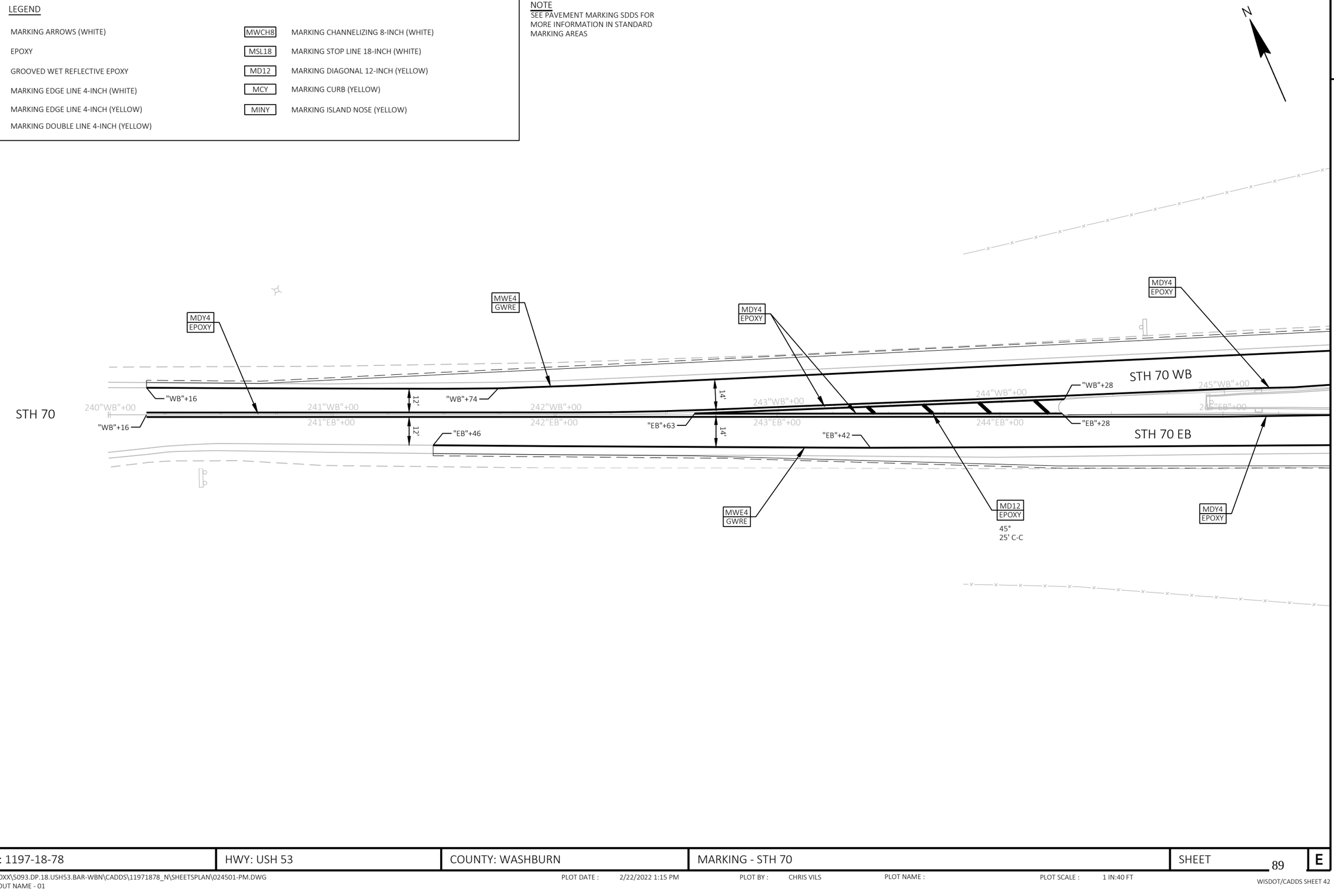
WISDOT/CADDS SHEET 44

2

LEGEND

ARRW	MARKING ARROWS (WHITE)
EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MWE4	MARKING EDGE LINE 4-INCH (WHITE)
MLY4	MARKING EDGE LINE 4-INCH (YELLOW)
MDY4	MARKING DOUBLE LINE 4-INCH (YELLOW)
MWCH8	MARKING CHANNELIZING 8-INCH (WHITE)
MSL18	MARKING STOP LINE 18-INCH (WHITE)
MD12	MARKING DIAGONAL 12-INCH (YELLOW)
MCY	MARKING CURB (YELLOW)
MINY	MARKING ISLAND NOSE (YELLOW)

NOTE
SEE PAVEMENT MARKING SDDS FOR MORE INFORMATION IN STANDARD MARKING AREAS



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	MARKING - STH 70	SHEET 89 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 01
PLOT DATE : 2/22/2022 1:15 PM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

ARRW	MARKING ARROWS (WHITE)	MWCH8	MARKING CHANNELIZING 8-INCH (WHITE)
EPOXY	EPOXY	MSL18	MARKING STOP LINE 18-INCH (WHITE)
GWRE	GROOVED WET REFLECTIVE EPOXY	MD12	MARKING DIAGONAL 12-INCH (YELLOW)
MWE4	MARKING EDGE LINE 4-INCH (WHITE)	MCY	MARKING CURB (YELLOW)
MLY4	MARKING EDGE LINE 4-INCH (YELLOW)	MINY	MARKING ISLAND NOSE (YELLOW)
MDY4	MARKING DOUBLE LINE 4-INCH (YELLOW)		

NOTE
SEE PAVEMENT MARKING SDDS FOR MORE INFORMATION IN STANDARD MARKING AREAS

N

STH 70 WB

STH 70 EB

USH 53 SB/STH 70 EXIT

USH 53 SB/STH 70 ENTRANCE

15'

14'

MWE4 GWRE

MLY4 EPOXY

MSL18 EPOXY

MCY EPOXY

"C"+46

"C"+96

"C"+74

"C"+50

"WB"+25

"WB"+32

"WB"+02

"WB"+03

"WB"+18

"WB"+83

246"WB"+00

247"WB"+00

248"WB"+00

249"WB"+00

250"WB"+00

251"WB"+00

246"EB"+00

247"EB"+00

248"EB"+00

249"EB"+00

250"EB"+00

251"EB"+00

"EB"+26

"EB"+65

"D"+08

"D"+94

"D"+07

MWE4 GWRE

MLY4 GWRE

MWE4 GWRE

MLY4 EPOXY

MWE4 GWRE

MWE4 GWRE

MLY4 GWRE

MWE4 GWRE

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	MARKING - STH 70	SHEET 90	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 02

PLOT DATE : 2/22/2022 1:16 PM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

ARRW	MARKING ARROWS (WHITE)
EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MWE4	MARKING EDGE LINE 4-INCH (WHITE)
MLY4	MARKING EDGE LINE 4-INCH (YELLOW)
MDY4	MARKING DOUBLE LINE 4-INCH (YELLOW)
MWCH8	MARKING CHANNELIZING 8-INCH (WHITE)
MSL18	MARKING STOP LINE 18-INCH (WHITE)
MD12	MARKING DIAGONAL 12-INCH (YELLOW)
MCY	MARKING CURB (YELLOW)
MINY	MARKING ISLAND NOSE (YELLOW)

NOTE
SEE PAVEMENT MARKING SDDS FOR MORE INFORMATION IN STANDARD MARKING AREAS

SEE SDD 15C08-A LONGITUDINAL MARKING (MAINLINE) FOR ADDITIONAL INFORMATION

N

MWCH8 EPOXY
ARROW EPOXY
ARROW EPOXY
MLY4 EPOXY
MWE4 GWRE
"WB"+55
"WB"+55
"WB"+83
"WB"+49
"WB"+29
"WB"+49
"WB"+03
"EB"+46
MINY EPOXY
MCY EPOXY
"EB"+55
"EB"+24
MLY4 EPOXY
MWE4 GWRE
14'
10'
14'
14'
STH 70 WB
STH 70 EB
252"WB"+00
253"WB"+00
254"WB"+00
256"WB"+00
257"WB"+00
252"EB"+00
253"EB"+00
254"EB"+00
255"EB"+00
256"EB"+00
USH 53 SB
USH 53 NB
6700+00
6699+00
6698+00
6697+00
3699+00
3698+00
3697+00
3696+00
RIDGE AP

2

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	MARKING - STH 70	SHEET 91	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 03
PLOT DATE : 2/22/2022 1:16 PM
PLOT BY : CHRIS VILS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

ARRW	MARKING ARROWS (WHITE)
EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MWE4	MARKING EDGE LINE 4-INCH (WHITE)
MLY4	MARKING EDGE LINE 4-INCH (YELLOW)
MDY4	MARKING DOUBLE LINE 4-INCH (YELLOW)
MWCH8	MARKING CHANNELIZING 8-INCH (WHITE)
MSL18	MARKING STOP LINE 18-INCH (WHITE)
MD12	MARKING DIAGONAL 12-INCH (YELLOW)
MCY	MARKING CURB (YELLOW)
MINY	MARKING ISLAND NOSE (YELLOW)

NOTE
SEE PAVEMENT MARKING SDDS FOR MORE INFORMATION IN STANDARD MARKING AREAS

N

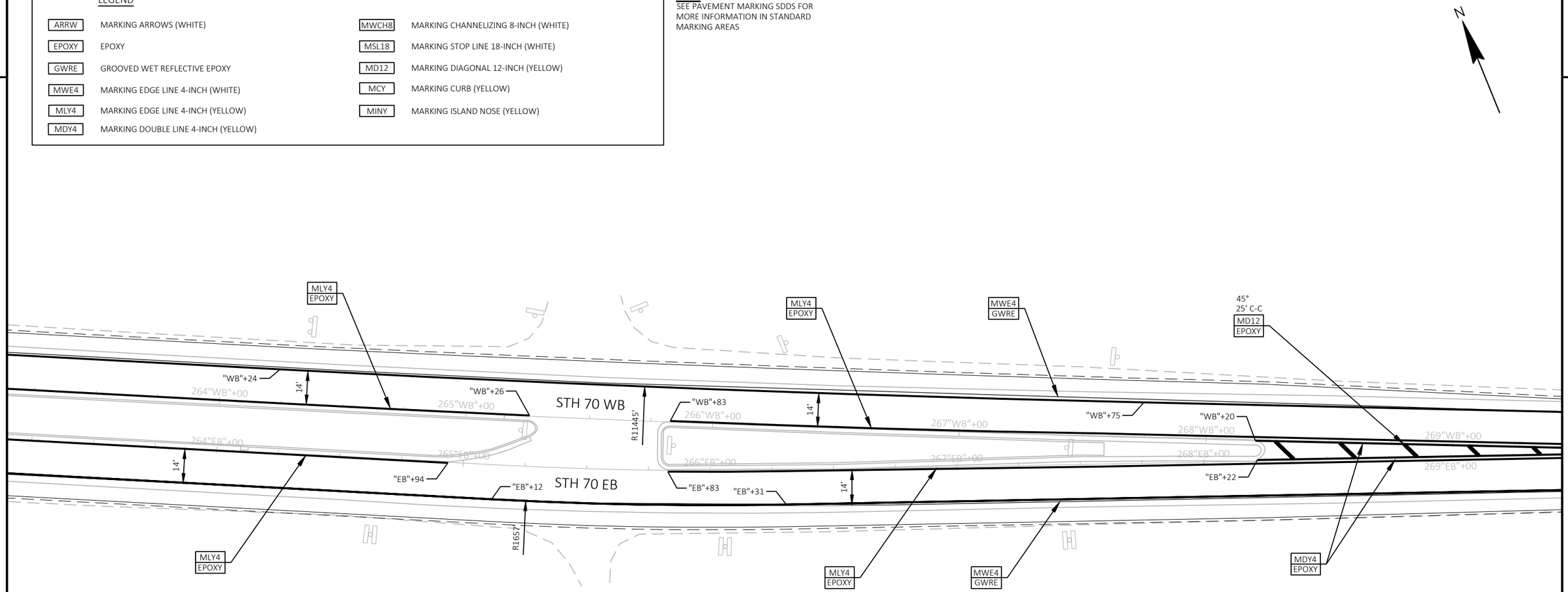
15'
"B"+42
"B"+38
MLY4 GWRE
USH 53 NB/STH 70 ENTRANCE
3696"B"+00
MWE4 GWRE
"B"+42
"B"+38
MLY4 EPOXY
MWE4 GWRE
"WB"+22
"WB"+18
MWE4 GWRE
MLY4 EPOXY
"WB"+22
"WB"+92
"WB"+83
"WB"+71
STH 70 WB
14'
258"WB"+00
259"WB"+00
260"WB"+00
261"WB"+00
262"WB"+00
263"WB"+00
"EB"+95
"EB"+15
"EB"+64
"EB"+92
MCY EPOXY
MCY EPOXY
10'
14'
258"EB"+00
259"EB"+00
260"EB"+00
261"EB"+00
262"EB"+00
263"EB"+00
"EB"+95
"EB"+92
"EB"+23
STH 70 EB
"EB"+66
"EB"+46
"EB"+65
14'
3696"A"+00
"A"+81
MLY4 EPOXY
ARRW EPOXY
MWCH8 EPOXY
ARRW EPOXY
MWE4 GWRE
MWE4 GWRE
MLY4 EPOXY
MSL18 EPOXY
"A"+36
MWE4 GWRE
MLY4 GWRE
3695"A"+00
USH 53 NB/STH 70 EXIT
RIPRAP

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	MARKING - STH 70	SHEET 92	E

LEGEND

ARRW	MARKING ARROWS (WHITE)
EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MWE4	MARKING EDGE LINE 4-INCH (WHITE)
MLY4	MARKING EDGE LINE 4-INCH (YELLOW)
MDY4	MARKING DOUBLE LINE 4-INCH (YELLOW)
MWCH8	MARKING CHANNELIZING 8-INCH (WHITE)
MSL18	MARKING STOP LINE 18-INCH (WHITE)
MD12	MARKING DIAGONAL 12-INCH (YELLOW)
MCY	MARKING CURB (YELLOW)
MINY	MARKING ISLAND NOSE (YELLOW)

NOTE
SEE PAVEMENT MARKING SDDS FOR MORE INFORMATION IN STANDARD MARKING AREAS



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	MARKING - STH 70	SHEET 93	E

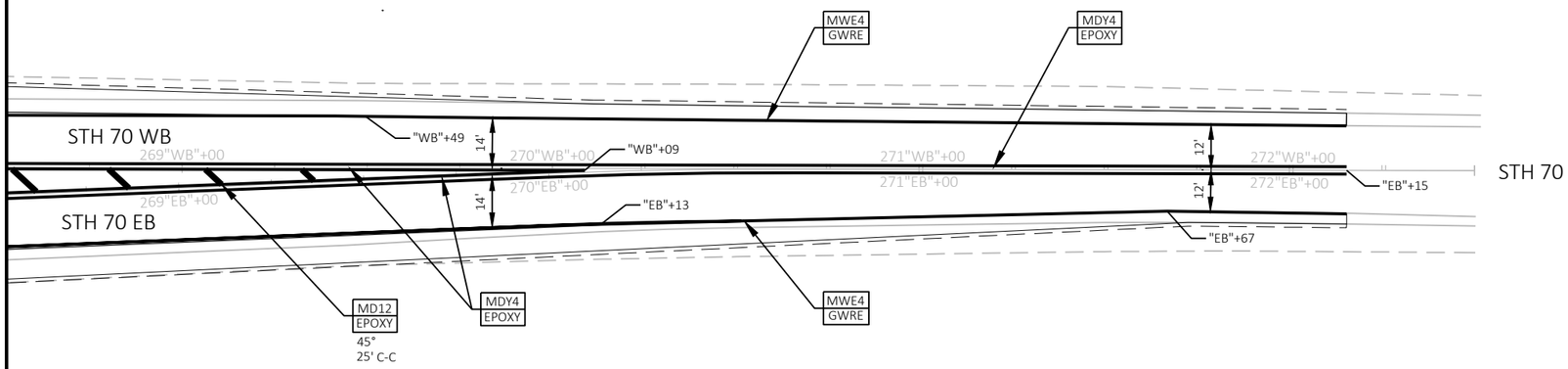
2

LEGEND

ARRW	MARKING ARROWS (WHITE)
EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MWE4	MARKING EDGE LINE 4-INCH (WHITE)
MLY4	MARKING EDGE LINE 4-INCH (YELLOW)
MDY4	MARKING DOUBLE LINE 4-INCH (YELLOW)
MWCH8	MARKING CHANNELIZING 8-INCH (WHITE)
MSL18	MARKING STOP LINE 18-INCH (WHITE)
MD12	MARKING DIAGONAL 12-INCH (YELLOW)
MCY	MARKING CURB (YELLOW)
MINY	MARKING ISLAND NOSE (YELLOW)

NOTE
SEE PAVEMENT MARKING SDDS FOR MORE INFORMATION IN STANDARD MARKING AREAS

N



2

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	MARKING - STH 70	SHEET 94	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 06
PLOT DATE : 2/22/2022 1:17 PM
PLOT BY : CHRIS VILS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

ORDER OF TRAFFIC CONTROL PLAN SHEETS

1. TRAFFIC CONTROL - OVERVIEW
2. TRAFFIC CONTROL - TYPICAL SECTIONS
   - USH 53
   - STH 70
   - USH 63 RAMP
3. TRAFFIC CONTROL - STAGES 1, 3, AND 5 (TEMPORARY ALIGNMENT LAYOUT INFORMATION)
   - USH 53 PROJECT LIMIT TEMPORARY CROSSOVERS
   - RAMP TEMPORARY CROSSOVERS
   - RAMP TEMPORARY WIDENING
4. TRAFFIC CONTROL - STAGE 2 (TRAFFIC ON USH 53 SB)
   - USH 53 PROJECT LIMIT TEMPORARY CROSSOVERS
   - RAMP TEMPORARY CROSSOVERS
   - INTERSECTION TEMPORARY TURN LANES
5. TRAFFIC CONTROL - STAGE 4 (TRAFFIC ON USH 53 NB)
   - USH 53 PROJECT LIMIT TEMPORARY CROSSOVERS
   - RAMP TEMPORARY CROSSOVERS
   - INTERSECTION TEMPORARY TURN LANES
6. TRAFFIC CONTROL - STAGE 5 (TEMPORARY CROSSOVER REMOVAL)
   - USH 53 SOUTH PROJECT LIMIT TEMPORARY CROSSOVER
7. TRAFFIC CONTROL - STH 70
   - INTERCHANGE STAGING OVERVIEW
   - STAGING DETAILS
   - WIDTH RESTRICTION OVERVIEW
8. TRAFFIC CONTROL - USH 63 OVERVIEW
9. TRAFFIC CONTROL - RAMP CLOSURE DETAILS

TRAFFIC CONTROL GENERAL NOTES

1. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED
2. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE
3. ALL TYPE III BARRICADES SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING) LIGHTS PER SDDS
4. REDUCE THE REGULATORY SPEED LIMIT TO 55 MPH WHEN USH 53 TRAFFIC IS REDUCED TO A SINGLE LANE IN THAT DIRECTION
5. DELINEATE PRIVATE ACCESS WITH TRAFFIC CONTROL DRUMS.
6. SEE DETAIL FOR "TRAFFIC CONTROL FOR CROSSOVER THAT IS NOT IN USE" IN SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" FOR TRAFFIC CONTROL DEVICES DURING PERIODS WHEN TEMPORARY CROSSOVERS ARE NOT IN USE.
7. SEE SDD "TEMPORARY EMERGENCY PULLOUTS" AND MISCELLANEOUS QUANTITIES FOR EMERGENCY PULLOUT DETAILS
8. PROVIDE PAVING GAPS AT INTERSECTIONS AND DRIVEWAYS

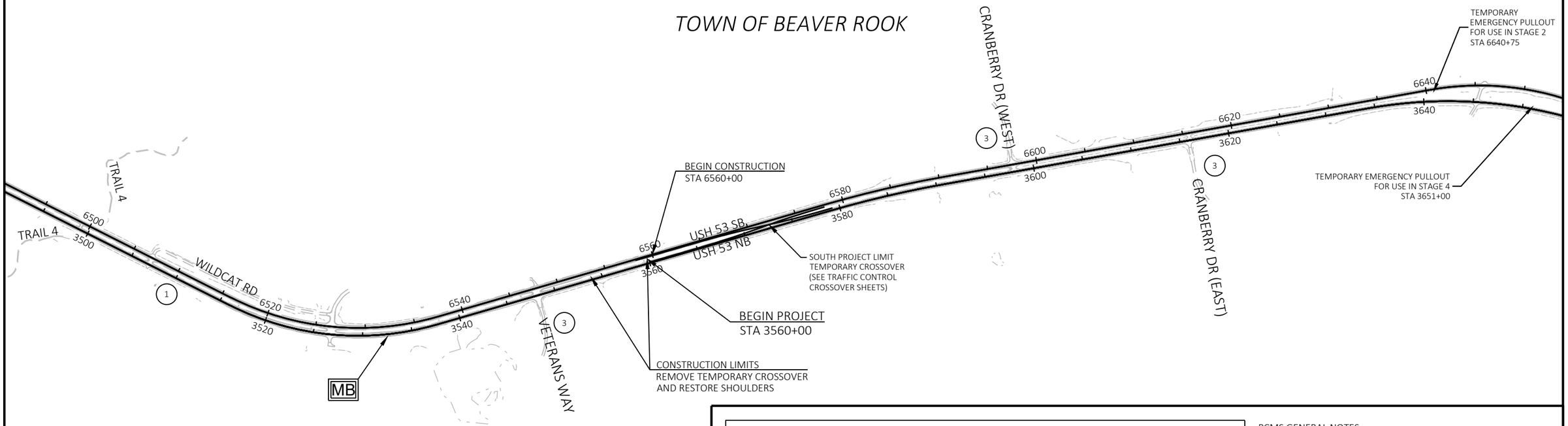
LEGEND

MB TRAFFIC CONTROL SIGN PCMS

1 SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION"

2 SEE SDD "TRAFFIC CONTROL, ADVANCED WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC"

3 PROVIDE PAVING GAPS AND DELINEATE SIDE ROADS WITH DRUMS AND TYPE III BARRICADES, SEE "SIDE ROAD TRAFFIC CONTROL DETAIL" ON SHEET 3 OF THIS TRAFFIC CONTROL OVERVIEW



TRAFFIC CONTROL SIGNS PCMS MESSAGES						
	PRIOR TO CONSTRUCTION		PRIOR TO TRAFFIC PATTERN CHANGE		EMERGENCY MESSAGE	
PCMS SIGN LOCATION	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)
USH 53 NB 0.3 MILES SOUTH OF VETERANS WAY	HWY 53 WORK STARTS	WEEK DAY STARTING DATE	VARIES	WEEK DAY STARTING DATE	VARIES	VARIES
USH 53/63 SB 0.1 MILES NORTH OF SCHAUB RD	HWY 53 WORK STARTS	WEEK DAY STARTING DATE	VARIES	WEEK DAY STARTING DATE	VARIES	VARIES
USH 63 NB 0.2 MILES SOUTH OF STH 70	--	--	--	--	VARIES	VARIES
STH 70 EB 0.04 MILES WEST OF USH 63	--	--	--	--	VARIES	VARIES

PCMS GENERAL NOTES

ADJUST TRAFFIC CONTROL PCMS MESSAGES AS NEEDED BASED ON CONSTRUCTION SCHEDULE.

CONSIDER GEOMETRICS WHEN LOCATING MESSAGE BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE BOARD FOR A MINIMUM OF 1,000 FEET IN FRONT OF THE MESSAGE BOARD. PLACE MESSAGE BOARDS AS FAR AWAY FROM LIVE TRAFFIC LANES AS POSSIBLE WITHOUT HAMPERING VISIBILITY.

PLACE TRAFFIC CONTROL SIGNS PCMS AND DISPLAY THE MESSAGE 7 DAYS PRIOR TO THE EXPECTED START OF THE PROPOSED WORK FOR EACH CONSTRUCTION SEASON. ADJUST THE MESSAGE DATE ACCORDINGLY.

ADDITIONAL PCMS ARE REQUIRED AT RAMP CLOSURES, SEE TRAFFIC CONTROL - RAMP CLOSURE DETAILS.

2

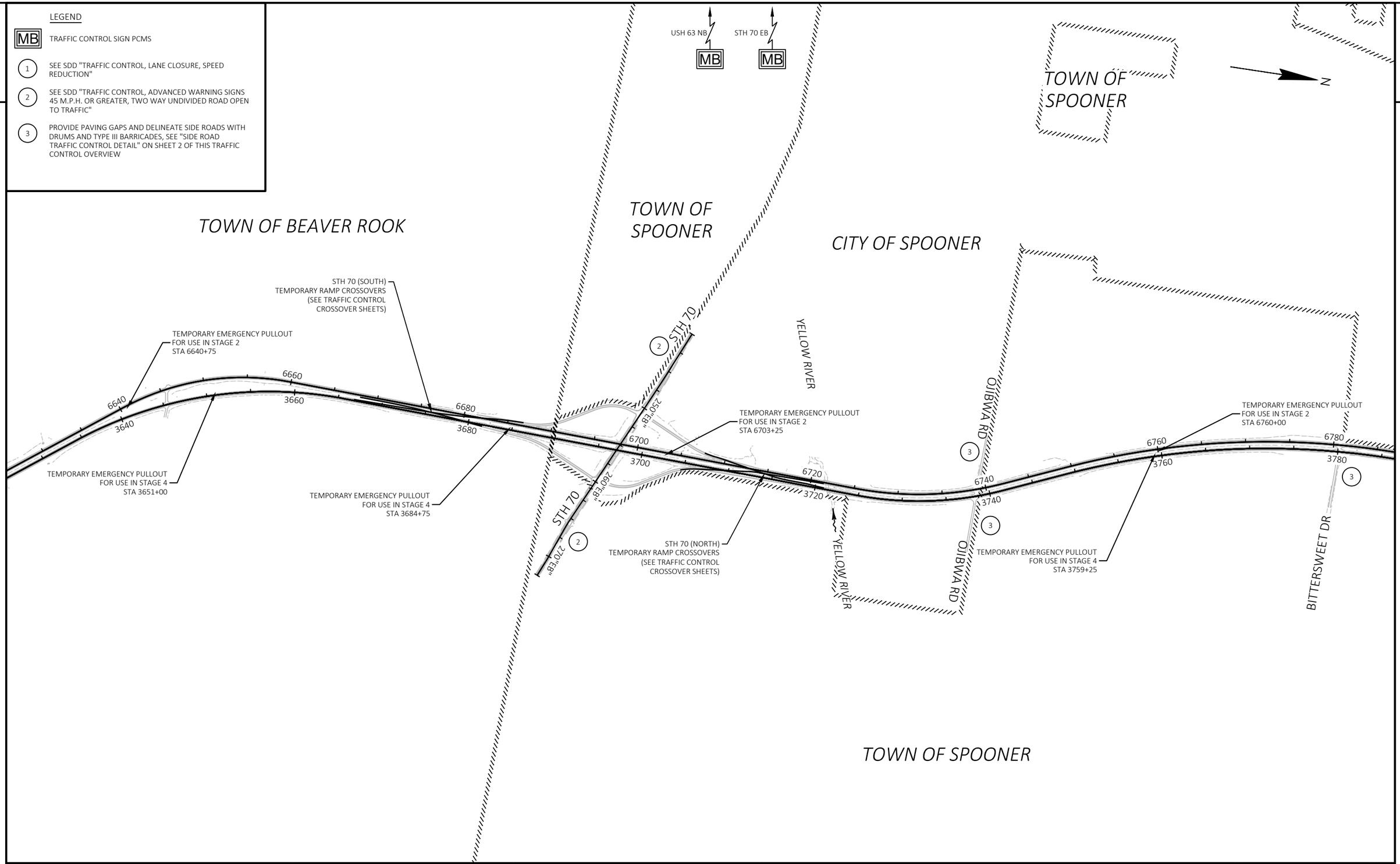
LEGEND

MB — TRAFFIC CONTROL SIGN PCMS

1 — SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION"

2 — SEE SDD "TRAFFIC CONTROL, ADVANCED WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC"

3 — PROVIDE PAVING GAPS AND DELINEATE SIDE ROADS WITH DRUMS AND TYPE III BARRICADES, SEE "SIDE ROAD TRAFFIC CONTROL DETAIL" ON SHEET 2 OF THIS TRAFFIC CONTROL OVERVIEW



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - OVERVIEW	SHEET 96	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025000-TC.DWG
LAYOUT NAME - 02

PLOT DATE : 10/7/2022 9:27 AM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:1000 FT

WISDOT/CADDS SHEET 42

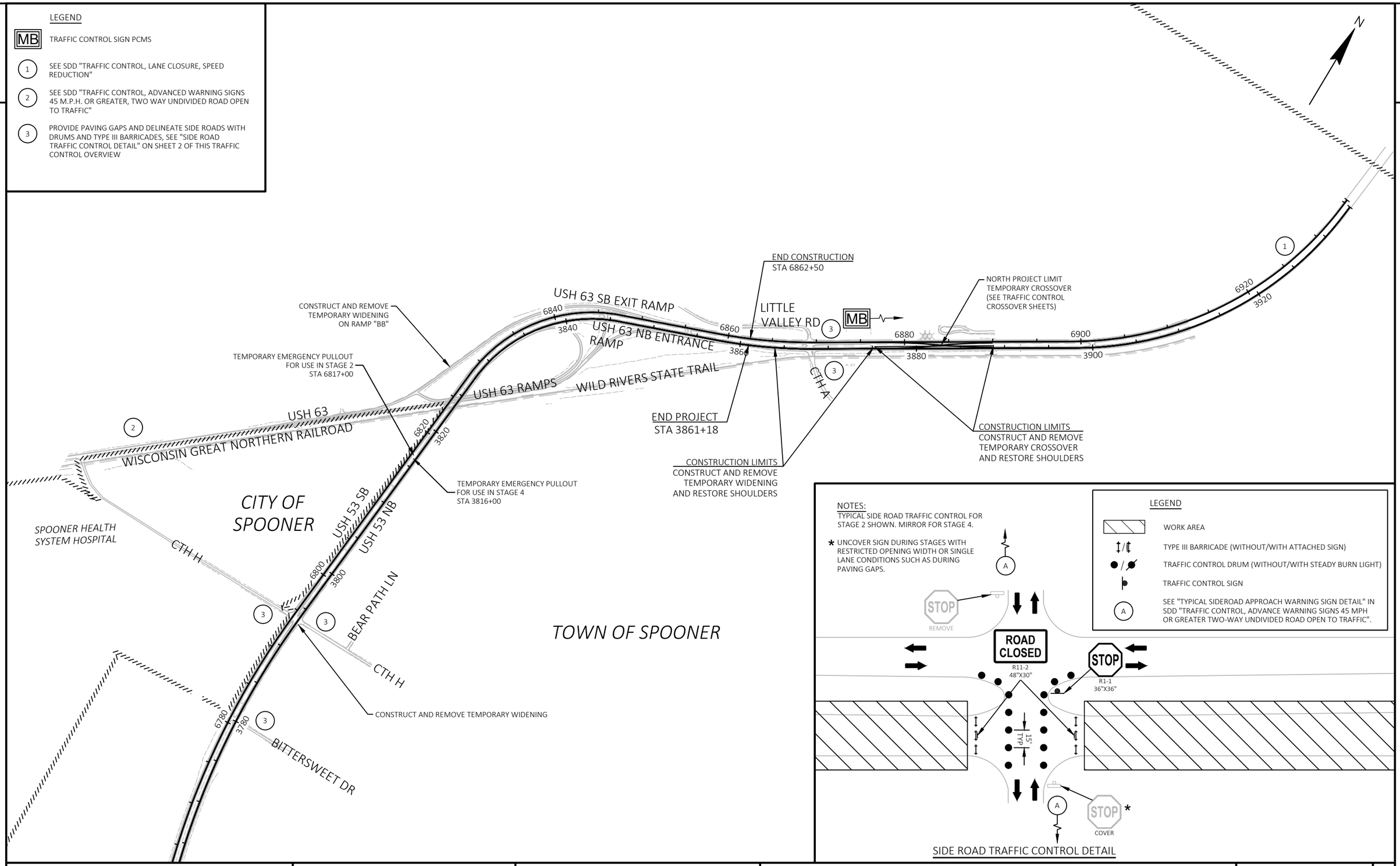
LEGEND

MB TRAFFIC CONTROL SIGN PCMS

1 SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION"

2 SEE SDD "TRAFFIC CONTROL, ADVANCED WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC"

3 PROVIDE PAVING GAPS AND DELINEATE SIDE ROADS WITH DRUMS AND TYPE III BARRICADES, SEE "SIDE ROAD TRAFFIC CONTROL DETAIL" ON SHEET 2 OF THIS TRAFFIC CONTROL OVERVIEW



NOTES:
TYPICAL SIDE ROAD TRAFFIC CONTROL FOR STAGE 2 SHOWN. MIRROR FOR STAGE 4.

* UNCOVER SIGN DURING STAGES WITH RESTRICTED OPENING WIDTH OR SINGLE LANE CONDITIONS SUCH AS DURING PAVING GAPS.

LEGEND

- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- A SEE "TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL" IN SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC".

SIDE ROAD TRAFFIC CONTROL DETAIL

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - OVERVIEW	SHEET 97	E

2

NOTES

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

** SEE TRAFFIC CONTROL PLAN DETAILS AND TEMPORARY CROSSOVER DETAILS FOR TEMPORARY WIDENING AND TEMPORARY PAVEMENT LAYOUT INFORMATION

*** SEE TRAFFIC CONTROL - CROSSOVER PLAN SHEETS FOR TEMPORARY USH 53 AND RAMP CROSSOVER PAVEMENT STRUCTURE AND ADDITIONAL INFORMATION

\# REMOVE EXISTING PAVED SHOULDER AND NECESSARY AGGREGATE (+/- 1.5") UNDER THE EXCAVATION COMMON ITEM PRIOR TO PLACEMENT OF ASPHALTIC SURFACE TEMPORARY. PREPARATION OF THE FOUNDATION IS INCIDENTAL TO THE ASPHALTIC SURFACE TEMPORARY ITEM.

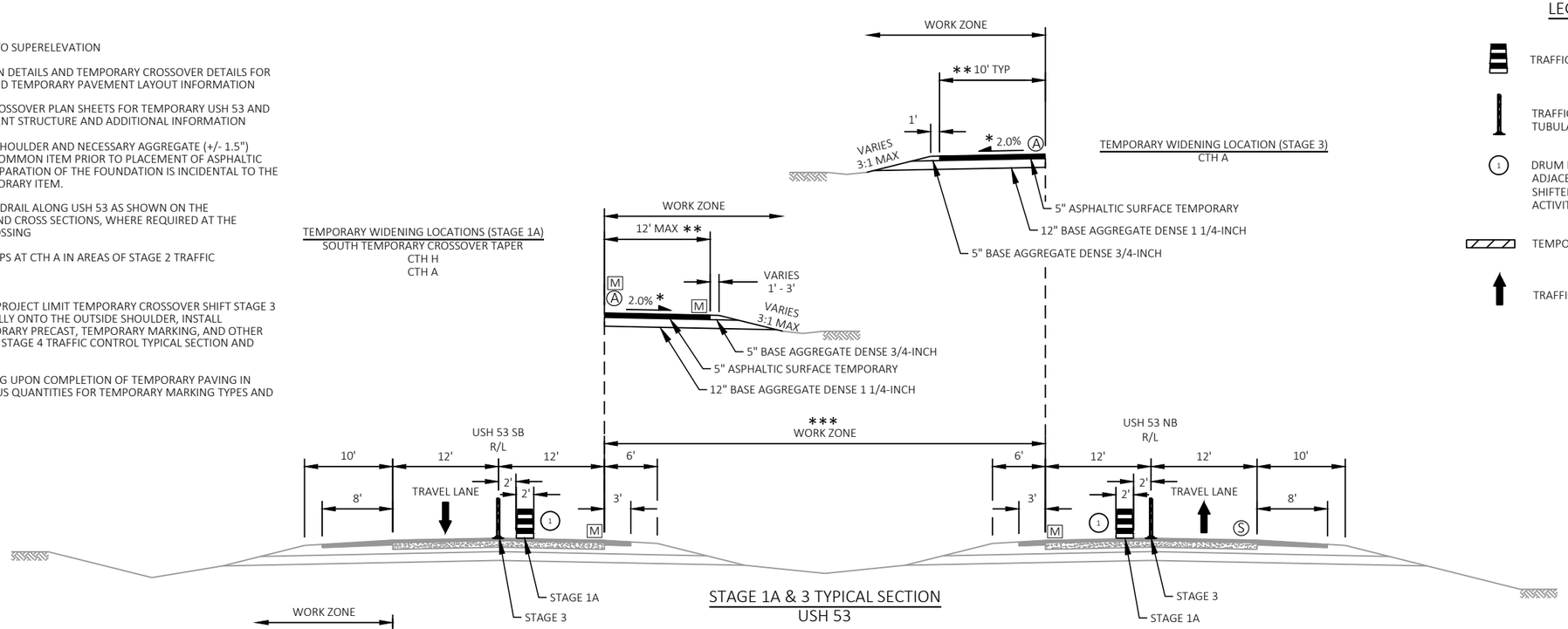
INSTALL TEMPORARY GUARDRAIL ALONG USH 53 AS SHOWN ON THE CONSTRUCTION DETAILS AND CROSS SECTIONS, WHERE REQUIRED AT THE YELLOW RIVER BRIDGE CROSSING

(F) FILL EXISTING RUMBLE STRIPS AT CTH A IN AREAS OF STAGE 2 TRAFFIC

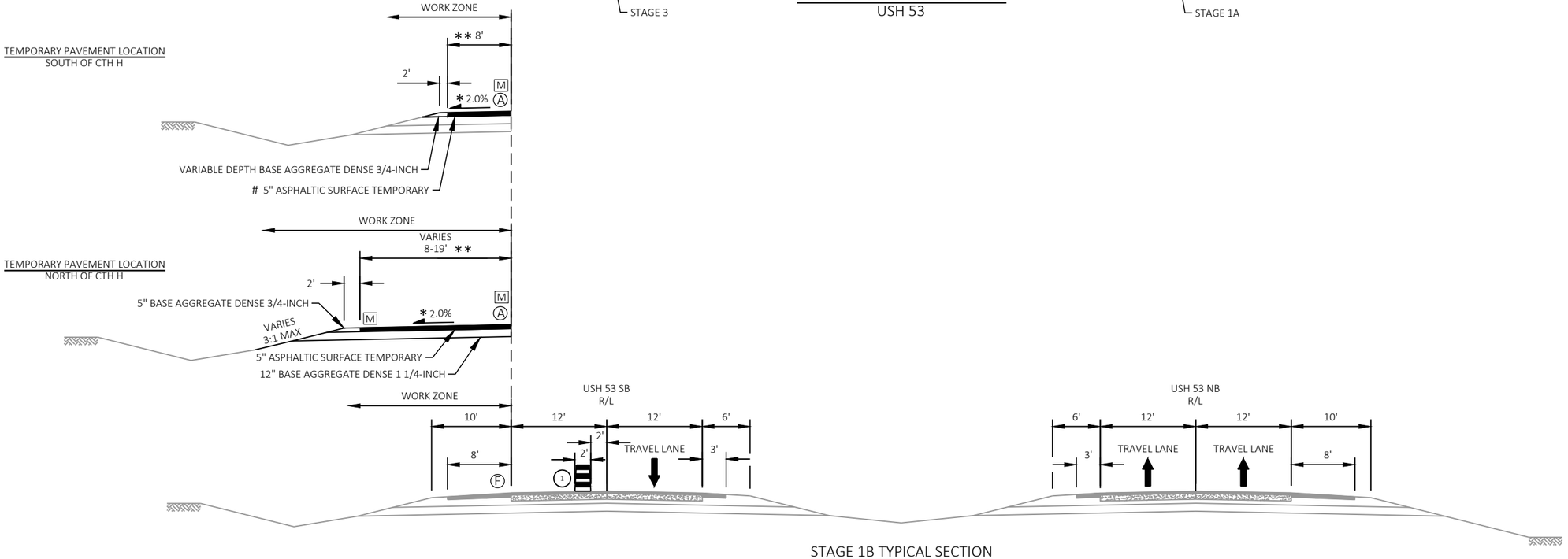
(A) SAWING ASPHALT

(S) ADJACENT TO THE SOUTH PROJECT LIMIT TEMPORARY CROSSOVER SHIFT STAGE 3 USH 53 NB TRAFFIC PARTIALLY ONTO THE OUTSIDE SHOULDER, INSTALL CONCRETE BARRIER TEMPORARY PRECAST, TEMPORARY MARKING, AND OTHER DEVICES AS SHOWN IN THE STAGE 4 TRAFFIC CONTROL TYPICAL SECTION AND PLAN SHEETS.

[M] RESTORE EXISTING MARKING UPON COMPLETION OF TEMPORARY PAVING IN YEAR 1. SEE MISCELLANEOUS QUANTITIES FOR TEMPORARY MARKING TYPES AND LOCATIONS.



STAGE 1A & 3 TYPICAL SECTION
USH 53



STAGE 1B TYPICAL SECTION
USH 53

LEGEND

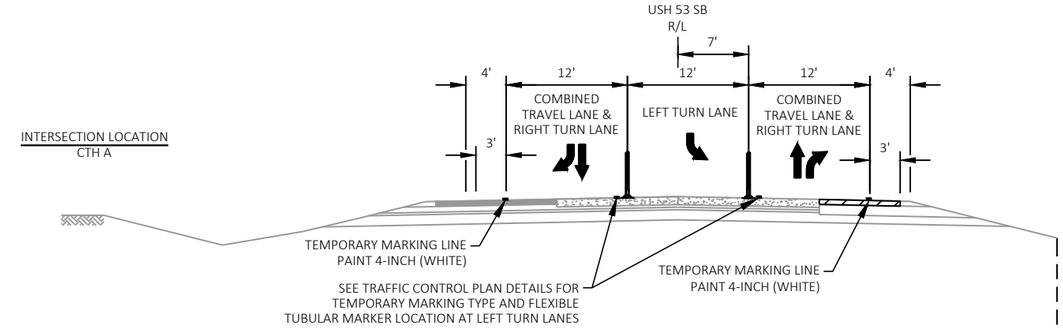
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER
- (1) DRUM LOCATION SHOWN FOR AREAS NOT IMMEDIATELY ADJACENT TO CONSTRUCTION ACTIVITIES, DRUMS MAY BE SHIFTED TO LANE LINE ONLY IN AREAS WITH CONSTRUCTION ACTIVITIES AS APPROVED BY THE ENGINEER
- TEMPORARY PAVEMENT PLACED IN THE PREVIOUS STAGE
- TRAFFIC CONTROL FLOW ARROW

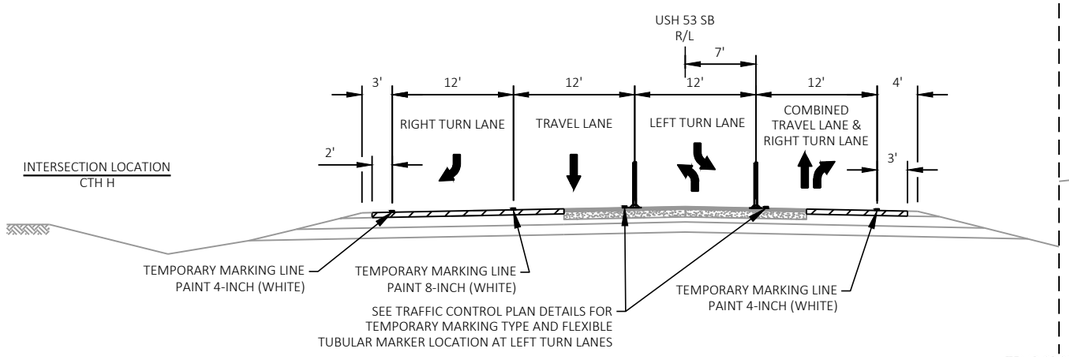
PROPOSED WORK STAGE 1A
CONSTRUCT TEMPORARY NORTH AND RAMP CROSSOVERS AND TEMPORARY SOUTH CROSSOVER TAPER, TEMPORARY GUARDRAIL AT YELLOW RIVER BRIDGE, TEMPORARY WIDENING AT CTH H AND CTH A, & CONSTRUCT TEMPORARY EMERGENCY PULLOUTS ALONG USH 53 SB

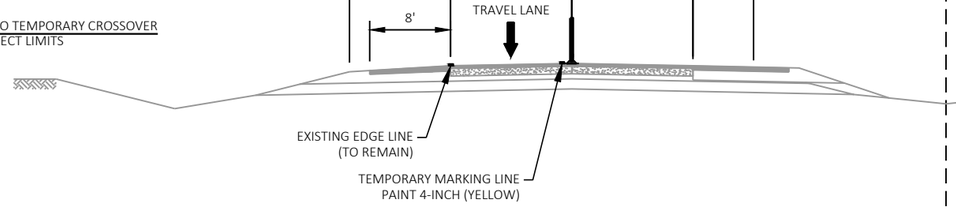
PROPOSED WORK STAGE 3
CONSTRUCT TEMPORARY RAMP CROSSOVERS AND TEMPORARY WIDENING AT CTH A

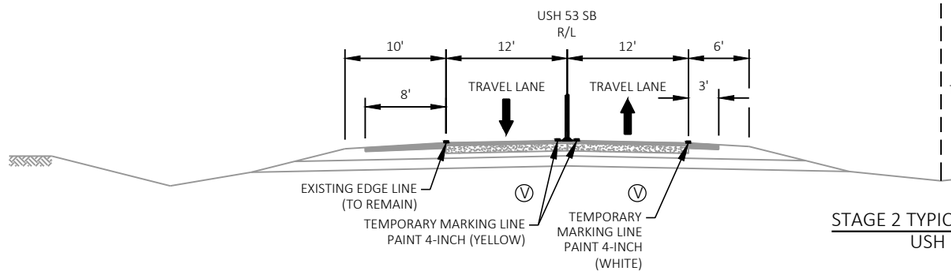
PROPOSED WORK STAGE 1B
CONSTRUCT TEMPORARY GUARDRAIL AT YELLOW RIVER BRIDGE AND TEMPORARY WIDENING AT CTH H

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - TYPICAL SECTIONS - USH 53	SHEET 98	E









STAGE 2 TYPICAL SECTION
USH 53

NOTES

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

** SEE TRAFFIC CONTROL PLAN DETAILS FOR TEMPORARY OVER WIDENING AND TEMPORARY PAVEMENT LAYOUT INFORMATION

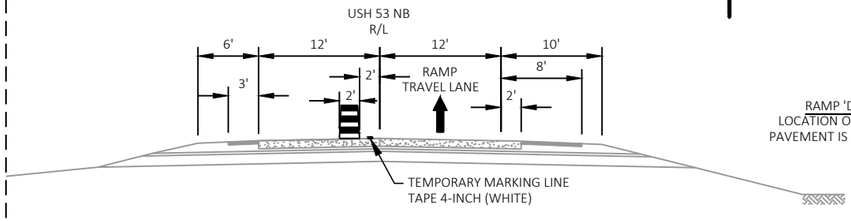
IN STAGE 5A AT CTH H, SAWCUT THE ASPHALT SHOULDER AND RE-GRADE THE FORESLOPE OF THE TEMPORARY OVER WIDENED SHOULDER TO THE STANDARD PAVED SHOULDER WIDTH AND SLOPE AS SHOWN ON THE TYPICAL SECTIONS AND CROSS SECTIONS

Ⓐ SAWING ASPHALT

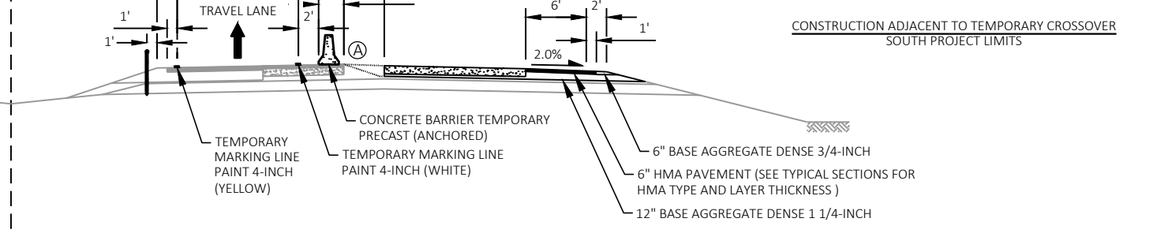
Ⓥ USE TEMPORARY MARKING REMOVABLE TAPE ON EXISTING PAVEMENT TO REMAIN BEYOND PROJECT LIMITS

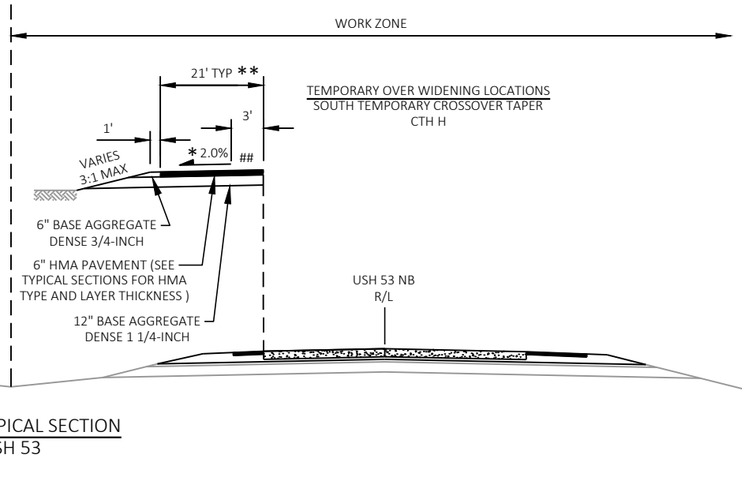
LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER
- TEMPORARY PAVEMENT PLACED IN THE PREVIOUS STAGE
- TRAFFIC CONTROL FLOW ARROW
- DELINEATORS TEMPORARY



RAMP 'DD' TRAFFIC NEAR NORTH PROJECT LIMITS
LOCATION OF RAMP TRAFFIC ON EXISTING AND PROPOSED PAVEMENT IS WITHIN THE NORMAL DRIVING USH 53 NB LANE





PROPOSED WORK STAGE 2
CONSTRUCT PROPOSED USH 53 NB, TEMPORARY OVER WIDENING AT CTH H, & CONSTRUCT TEMPORARY EMERGENCY PULLOUTS ALONG USH 53 NB

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - TYPICAL SECTIONS - USH 53	SHEET 99	E

LEGEND

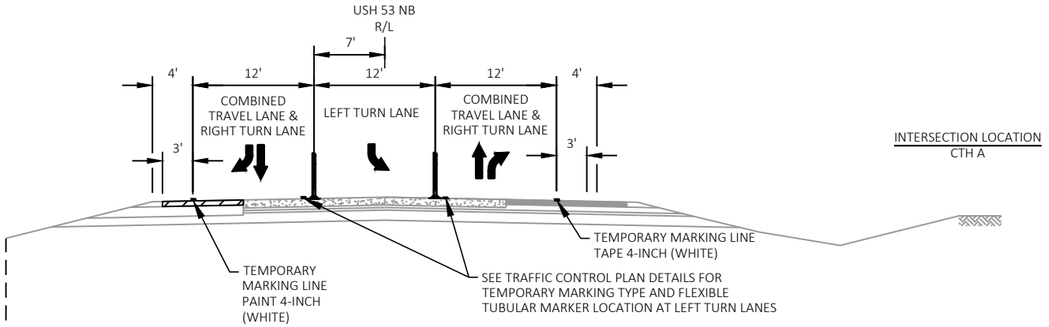
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER
- TEMPORARY PAVEMENT PLACED IN THE PREVIOUS STAGE
- TRAFFIC CONTROL FLOW ARROW
- DELINEATORS TEMPORARY

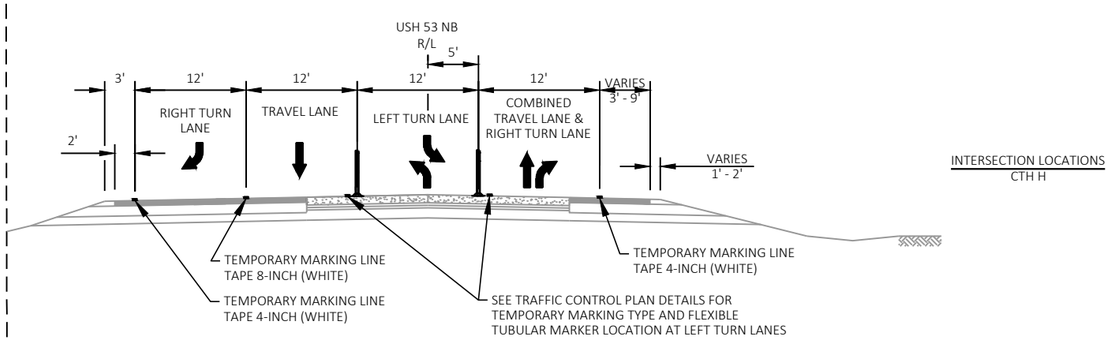
NOTES

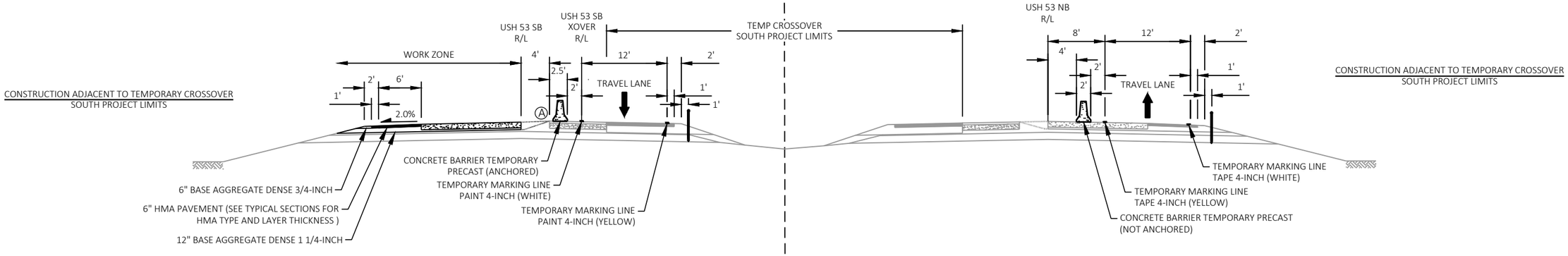
** SEE TRAFFIC CONTROL PLAN DETAILS FOR TEMPORARY OVER WIDENING AND TEMPORARY PAVEMENT LAYOUT INFORMATION

Ⓐ SAWING ASPHALT

Ⓥ SEE PREVIOUS SHEET FOR NOTE







STAGE 4 TYPICAL SECTION
USH 53

PROPOSED WORK STAGE 4
CONSTRUCT SB USH 53 & REMOVE TEMPORARY EMERGENCY PULLOUTS ALONG USH 53 SB

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - TYPICAL SECTIONS - USH 53	SHEET 100	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025001 - TC - (STAGING TYPS).DWG
LAYOUT NAME - 03
PLOT DATE : 10/6/2022 1:08 PM
PLOT BY : ERIK OLESON
PLOT NAME :
PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 42

2

2

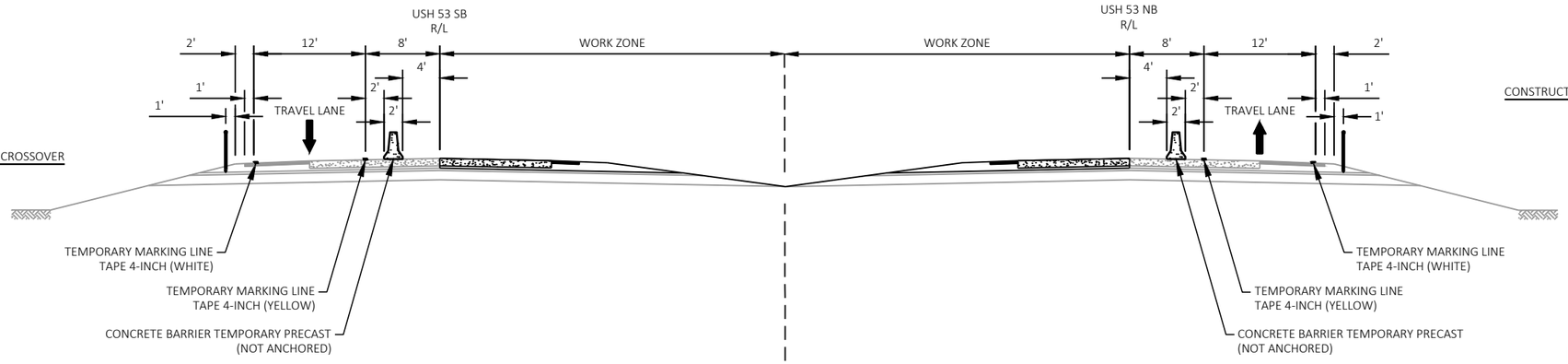
LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER
- (1) DRUM LOCATION SHOWN FOR AREAS NOT IMMEDIATELY ADJACENT TO CONSTRUCTION ACTIVITIES, DRUMS MAY BE SHIFTED TO LANE LINE ONLY IN AREAS WITH CONSTRUCTION ACTIVITIES AS APPROVED BY THE ENGINEER
- TEMPORARY PAVEMENT PLACED IN THE PREVIOUS STAGE
- TRAFFIC CONTROL FLOW ARROW
- DELINEATORS TEMPORARY

NOTE

(M) MIRROR USH 53 NB TYPICAL SECTION TO USH 53 SB TO COMPLETE RUMBLE STRIPS IN AREAS ADJACENT TO THE TEMPORARY CROSSOVER AT THE SOUTH PROJECT LIMITS AND MILL AND OVERLAY EXISTING SHOULDERS NEAR CTH A

CONSTRUCTION ADJACENT TO TEMPORARY CROSSOVER
SOUTH PROJECT LIMITS

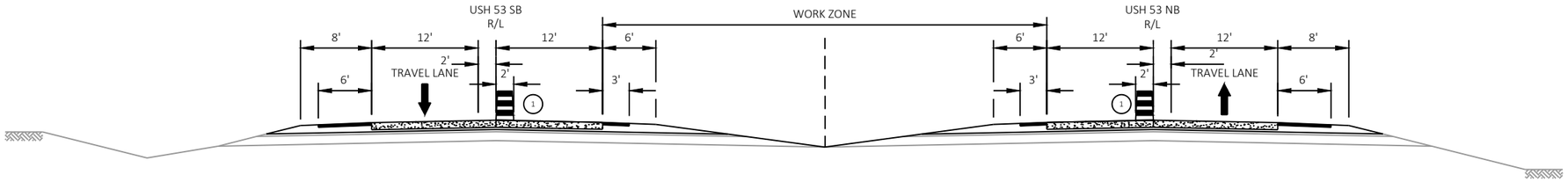


CONSTRUCTION ADJACENT TO TEMPORARY CROSSOVER
SOUTH PROJECT LIMITS

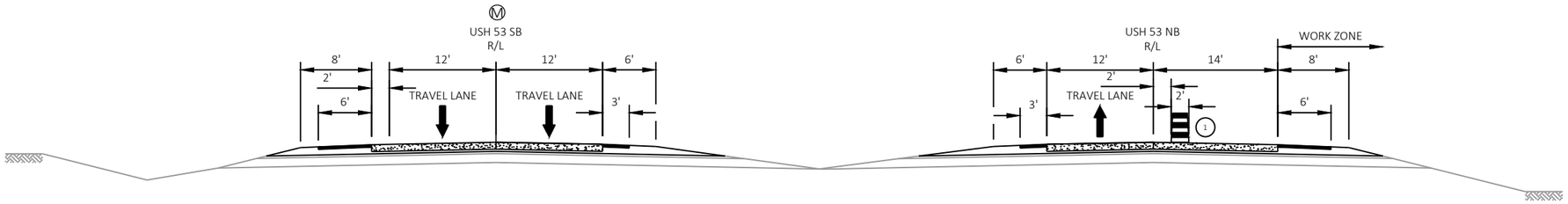
PROPOSED WORK STAGE 5A
REMOVE TEMPORARY MAINLINE AND RAMP CROSSOVERS, REMOVE TEMPORARY OVER WIDENED NB PAVEMENT AT CTH H, CONSTRUCT MEDIAN LEFT TURN LANES NB/SB THAT WERE NOT COMPLETED IN PREVIOUS STAGES, CONSTRUCT REMAINING PASSING LANES NEAR SOUTH PROJECT LIMITS.

RESTORE SHOULDERS SOUTH OF BEGIN PROJECT LIMITS. REMOVE NORTH MAINLINE CROSSOVER AND WIDENING AT CTH A AND RESTORE SHOULDERS.

PLACE SHOULDER RUMBLE STRIPS AND PAVEMENT MARKING, REMOVE TEMPORARY EMERGENCY PULLOUTS ALONG USH 53 NB.



STAGE 5A TYPICAL SECTION
USH 53



PROPOSED WORK STAGE 5B
PLACE SHOULDER RUMBLE STRIPS AND PAVEMENT MARKING. MILL AND OVERLAY EXISTING SHOULDERS ON USH 53 NEAR CTH A.

STAGE 5B TYPICAL SECTION
USH 53

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - TYPICAL SECTIONS - USH 53	SHEET 101	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025001 - TC - (STAGING TYPS).DWG
LAYOUT NAME - 04
PLOT DATE : 10/6/2022 1:08 PM PLOT BY : ERIK OLESON PLOT NAME : PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 42

2

LEGEND

TRAFFIC CONTROL DRUMS (WITH TYPE "C" STEADY BURN LIGHT) IN SHIFTING TAPERS

TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER

TRAFFIC CONTROL FLOW ARROW

TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE OR SHOULDER PAVING

NOTES

Ⓡ TRAVEL LANES DO NOT FOLLOW EXISTING STH 70 ALIGNMENTS IN ALL LOCATIONS, SEE TRAFFIC CONTROL PLAN DETAILS FOR LAYOUT INFORMATION

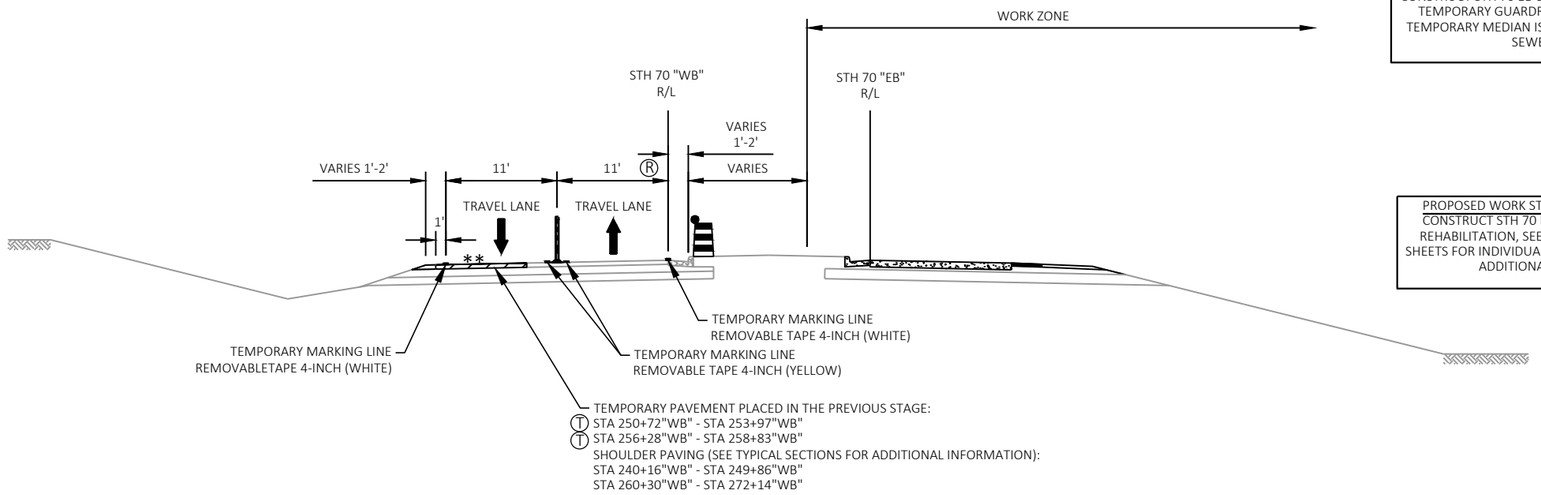
** SEE TRAFFIC CONTROL PLAN DETAILS FOR TEMPORARY SHOULDER PAVING AND TEMPORARY PAVEMENT LAYOUT INFORMATION IN STAGE 2A (TYPICAL SECTION NOT SHOWN).

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR STAGE 2A AND STAGE 4C TRAFFIC (TYPICAL SECTION NOT SHOWN).

FOR WORK IN THE MEDIAN AND INTERSECTION AREAS TRAFFIC MAY BE REDUCED TO A SINGLE LANE WITH FLAGGING OPERATIONS. SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATIONS".

TWO WAY TRAFFIC WILL BE UTILIZING PROPOSED PAVEMENT SURFACE BETWEEN RAMPS FOR VARIOUS STAGES. TYPICAL SECTIONS SHOWN ILLUSTRATE DETAILS IN TEMPORARY SHOULDER PAVING LOCATIONS OUTSIDE OF WORK ZONE.

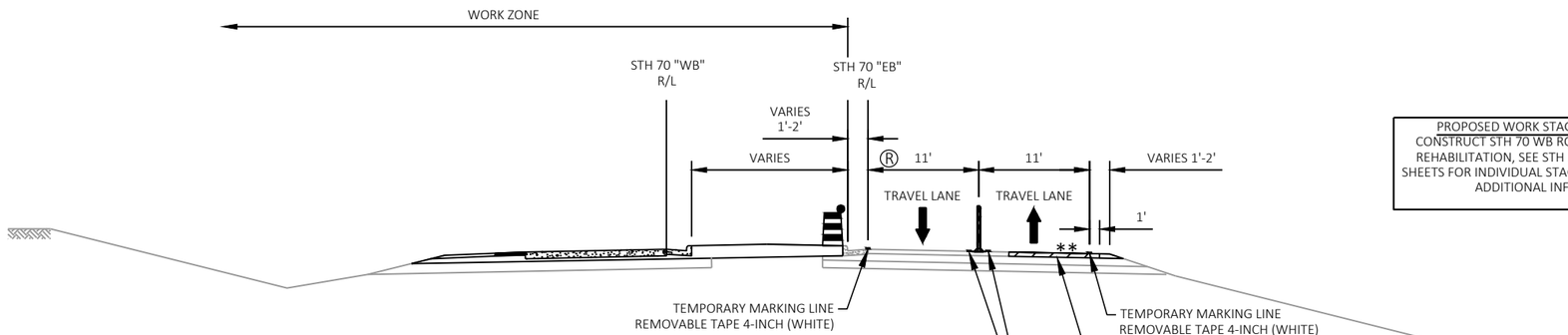
Ⓣ REMOVE EXISTING PAVED SHOULDER AND NECESSARY AGGREGATE (+/- 2") UNDER THE EXCAVATION COMMON AND SAWING ASPHALT ITEMS PRIOR TO PLACEMENT OF ASPHALTIC SURFACE TEMPORARY. PREPARATION OF THE FOUNDATION IS INCIDENTAL TO THE ASPHALTIC SURFACE TEMPORARY ITEM. PLACE AN 8' TYPICAL/9' MAXIMUM WIDTH 5" ASPHALTIC SURFACE TEMPORARY WITH A 1' WIDE VARIABLE DEPTH BASE AGGREGATE DENSE 3/4-INCH SHOULDER. SEE ADDITIONAL PAVEMENT LAYOUT INFORMATION IN TRAFFIC CONTROL SHEETS.



STAGE 2B, 2C1, 2C2, AND 4B TYPICAL SECTION
STH 70

PROPOSED WORK STAGE 2A (NOT SHOWN)
CONSTRUCT STH 70 EB & WB SHOULDER WIDENING, TEMPORARY GUARDRAIL AT STH 70 BRIDGE, & TEMPORARY MEDIAN ISLAND PAVING AND STORM SEWER WORK

PROPOSED WORK STAGE 2B, 2C1, 2C2, AND 4B
CONSTRUCT STH 70 EB ROADWAY AND BRIDGE REHABILITATION, SEE STH 70 TRAFFIC CONTROL SHEETS FOR INDIVIDUAL STAGING WORK AREAS AND ADDITIONAL INFORMATION



STAGE 2D, 2E, AND 4A TYPICAL SECTION
STH 70

PROPOSED WORK STAGE 2D, 2E, AND 4A
CONSTRUCT STH 70 WB ROADWAY AND BRIDGE REHABILITATION, SEE STH 70 TRAFFIC CONTROL SHEETS FOR INDIVIDUAL STAGING WORK AREAS AND ADDITIONAL INFORMATION

PROPOSED WORK STAGE 4C (NOT SHOWN)
REMOVE TEMPORARY PAVING AND CONSTRUCT PERMANENT STH 70 MEDIAN ISLAND

LEGEND

TRAFFIC CONTROL DRUM

TEMPORARY PAVEMENT PLACED IN THE PREVIOUS STAGE

TRAFFIC CONTROL FLOW ARROW

(1) DRUM LOCATION SHOWN FOR AREAS NOT IMMEDIATELY ADJACENT TO CONSTRUCTION ACTIVITIES, DRUMS MAY BE SHIFTED TO LANE LINE ONLY IN AREAS WITH CONSTRUCTION ACTIVITIES AS APPROVED BY THE ENGINEER AND MAINTAIN 16' CLEAR WIDTH FOR THE TRAVEL LANE

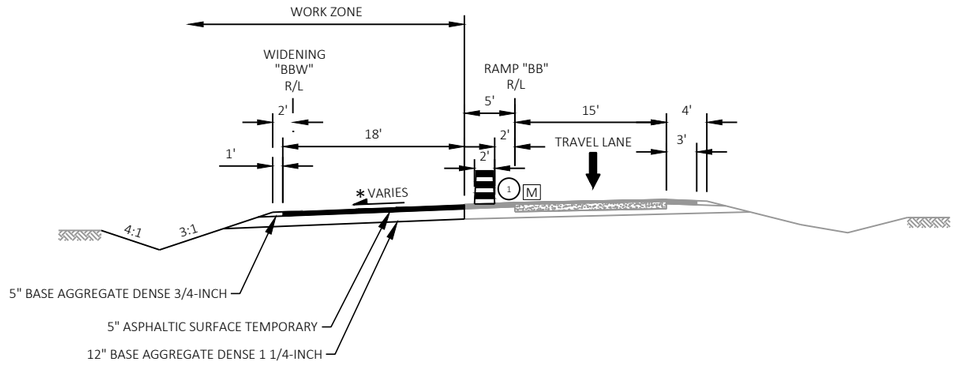
NOTES

* CROSS SLOPE VARIES DUE TO SUPERELEVATION

SEE TRAFFIC CONTROL PLAN DETAILS FOR TEMPORARY WIDENING LAYOUT INFORMATION IN STAGE 1. SEE SDD "TRAFFIC CONTROL SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH".

(A) SAWING ASPHALT

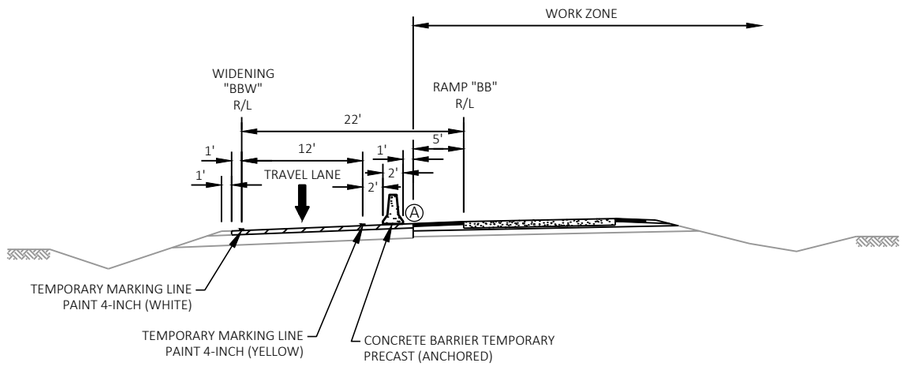
[M] WORK ZONE SHIFTS TO RAMP "BB" R/L FROM STA 6825+75"BB" TO STA 6830+26"BB". SHIFT DRUMS PAST R/L WHILE CONSTRUCTION ACTIVITIES ARE OCCURRING AS APPROVED BY THE ENGINEER AND MAINTAIN 16' CLEAR WIDTH FOR THE TRAVEL LANE. RESTORE EXISTING MARKING UPON COMPLETION OF TEMPORARY PAVING IN YEAR 1. SEE MISCELLANEOUS QUANTITIES FOR TEMPORARY MARKING TYPE.



STAGE 1 AND 3 TYPICAL SECTION
USH 53 SB/USH 63 EXIT RAMP

PROPOSED WORK STAGE 1
CONSTRUCT TEMPORARY RAMP WIDENING AT USH 53 SB/USH 63 EXIT RAMP

PROPOSED WORK STAGE 3
REMOVE TEMPORARY RAMP WIDENING AND RESTORE SHOULDER AT USH 53 SB/USH 63 EXIT RAMP



STAGE 2 TYPICAL SECTION
USH 53 SB/USH 63 EXIT RAMP

PROPOSED WORK STAGE 2
CONSTRUCT USH 53 SB/USH 63 EXIT RAMP
STA 6815+14"BB" - STA 6822+10"BB"

2

2

LEGEND

- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 1A
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- FLOW DIRECTION
- TRAFFIC CONTROL SIGN
- DIRECTION OF TRAFFIC

NOTES

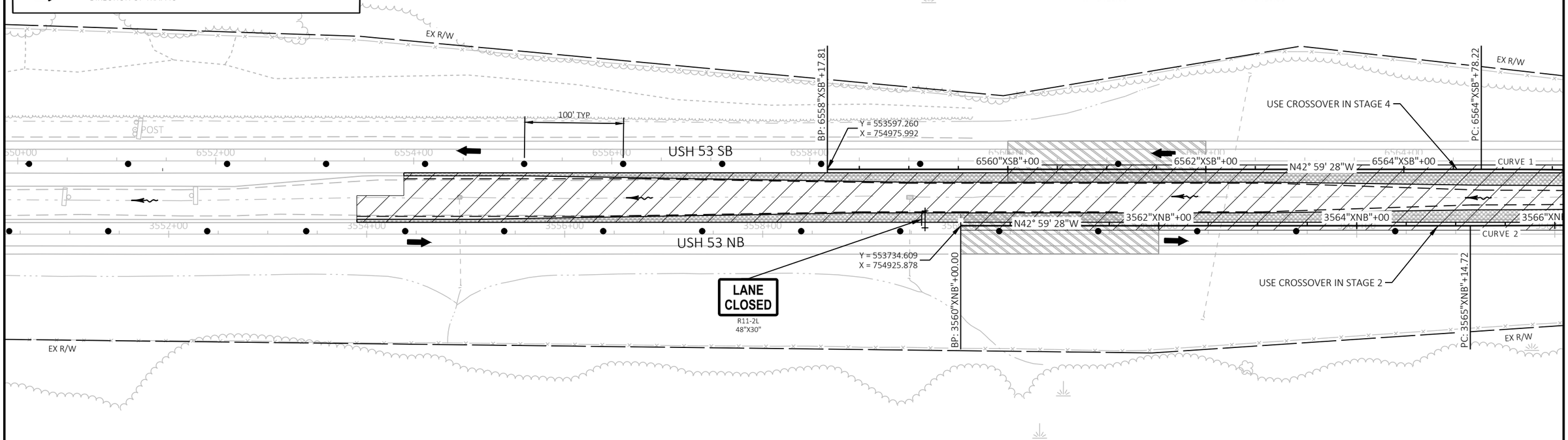
SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION

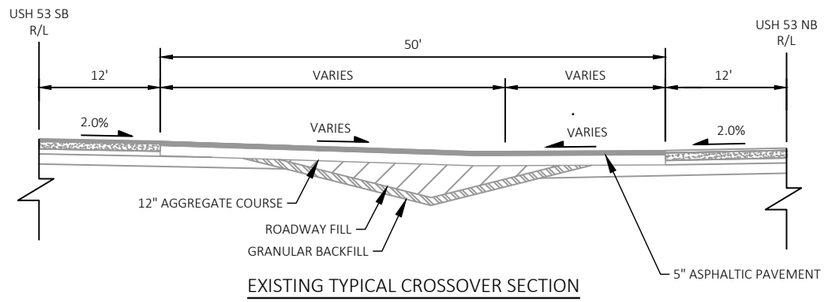
REMOVAL OF FLEXIBLE TUBULAR MARKERS PLACED DURING PREVIOUS PROJECT IS NECESSARY PRIOR TO USE OF THE SOUTH PROJECT LIMIT TEMPORARY CROSSOVER IN YEAR 2.

TRAFFIC FOR STAGE 1A AND 5A SHOWN, SEE TRAFFIC CONTROL TYPICAL SECTIONS AND DETAIL SHEETS FOR STAGE 2 INFORMATION AND DEVICES TO COMPLETE THE TEMPORARY CROSSOVER PAVEMENT SHOWN IN STAGE 2.

CURVE NO. 1 "XNB"
PI STA = 6568+03.96
Y = 554318.58
X = 754303.56
PC STA = 6564+78.22
Y=554080.32
X=754525.67
PT STA = 6571+29.44
Y=554571.64
X=754098.45
DELTA = 3°57'55"
D = 0°36'32"
T = 325.74'
L = 651.22'
R = 9410.00'

CURVE NO. 2 "XSB"
PI STA = 3568+40.28
Y = 554349.24
X = 754352.91
PC STA = 3565+14.72
Y=554111.10
X=754574.90
PT STA = 3571+65.58
Y=554571.46
X=754114.99
DELTA = 3°57'47"
D = 0°36'32"
T = 325.56'
L = 650.86'
R = 9410.00'





EXISTING TYPICAL CROSSOVER SECTION

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1A & 5A - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 104	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025101-TC - (SOUTH XOVER).DWG
LAYOUT NAME - 01

PLOT DATE : 10/7/2022 9:33 AM PLOT BY : LINDSEY CHANNEL PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 1A
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- FLOW DIRECTION
- TRAFFIC CONTROL SIGN
- DIRECTION OF TRAFFIC

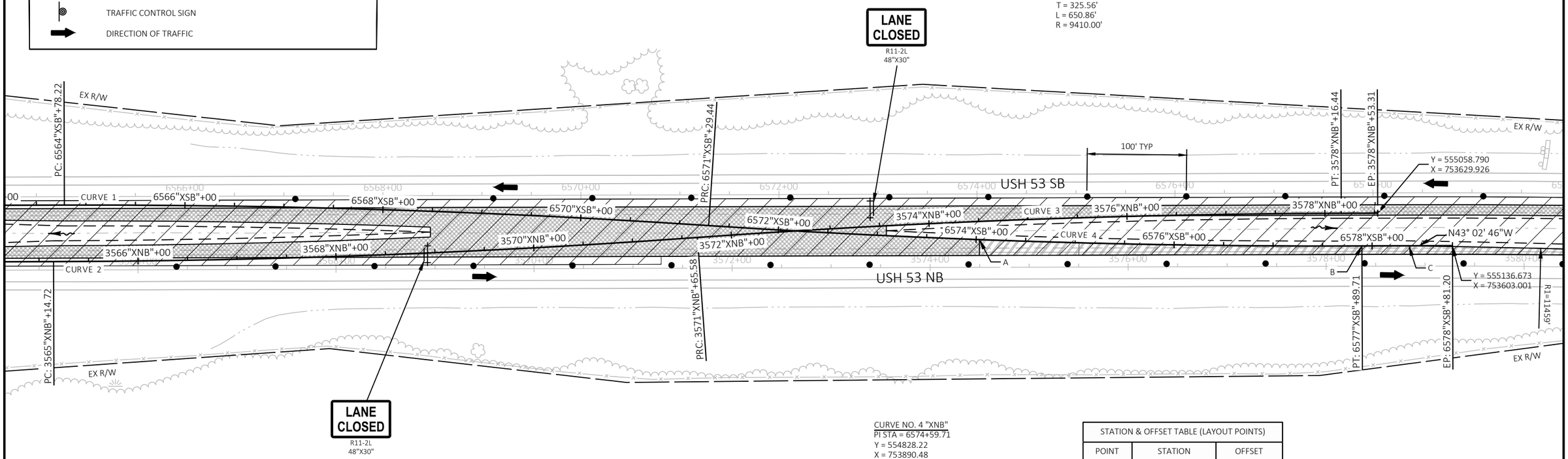
NOTES

SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION

REMOVAL OF FLEXIBLE TUBULAR MARKERS PLACED DURING PREVIOUS PROJECT IS NECESSARY PRIOR TO USE OF THE SOUTH PROJECT LIMIT TEMPORARY CROSSOVER IN YEAR 2.

TRAFFIC FOR STAGE 1A AND 5A SHOWN, SEE TRAFFIC CONTROL TYPICAL SECTIONS AND DETAIL SHEETS FOR STAGE 2 INFORMATION AND DEVICES TO COMPLETE THE TEMPORARY CROSSOVER PAVEMENT SHOWN IN STAGE 2.

CURVE NO. 3 "XSB"
PI STA = 3574+91.14
Y = 554793.68
X = 753877.06
PC STA = 3571+65.58
Y=554571.46
X=754114.99
PT STA = 3578+16.44
Y=555031.82
X=753655.07
DELTA = 3°57'47"
D = 0°36'32"
T = 325.56'
L = 650.86'
R = 9410.00'



CURVE NO. 4 "XNB"
PI STA = 6574+59.71
Y = 554828.22
X = 753890.48
PC STA = 6571+29.44
Y=554571.64
X=754098.45
PT STA = 6577+89.71
Y=555069.58
X=753665.05
DELTA = 4°01'13"
D = 0°36'32"
T = 330.27'
L = 660.27'
R = 9410.00'

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	3574+49.98	28.01, LT
B	3578+36.22	20.45, LT
C	3578+83.64	20.50, LT

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	3576+93.38	11437.08, RT

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1A & 5A - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 105	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025101-TC - (SOUTH XOVER).DWG
LAYOUT NAME - 02
PLOT DATE : 10/7/2022 9:34 AM
PLOT BY : LINDSEY CHANNEL
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

LEGEND

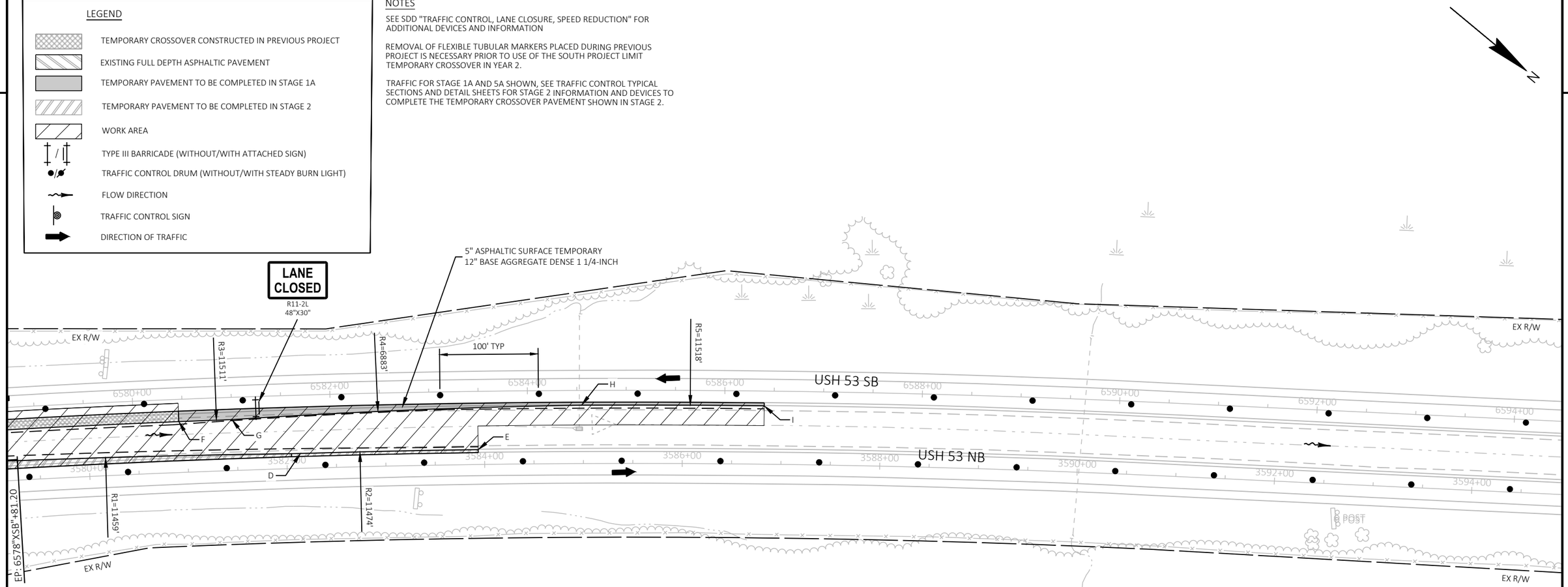
- TEMPORARY CROSSOVER CONSTRUCTED IN PREVIOUS PROJECT
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 1A
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- FLOW DIRECTION
- TRAFFIC CONTROL SIGN
- DIRECTION OF TRAFFIC

NOTES

SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION

REMOVAL OF FLEXIBLE TUBULAR MARKERS PLACED DURING PREVIOUS PROJECT IS NECESSARY PRIOR TO USE OF THE SOUTH PROJECT LIMIT TEMPORARY CROSSOVER IN YEAR 2.

TRAFFIC FOR STAGE 1A AND 5A SHOWN, SEE TRAFFIC CONTROL TYPICAL SECTIONS AND DETAIL SHEETS FOR STAGE 2 INFORMATION AND DEVICES TO COMPLETE THE TEMPORARY CROSSOVER PAVEMENT SHOWN IN STAGE 2.



STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
D	3582+13.84	15.00, LT
E	3583+93.64	15.00, LT
F	6580+46.05	22.50, RT
G	6581+00.00	22.50, RT
H	6584+54.82	15.00, RT
I	6586+40.00	15.00, RT

STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	3576+93.38	11437.08, RT
R2	3578+83.64	11459.16, RT
R3	6578+36.10	11533.16, RT
R4	6586+40.00	6897.39, RT
R5	6590+47.09	11533.16, RT

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 1A & REMOVED IN STAGE 3
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 2 & REMOVED IN STAGE 3
- FLOW DIRECTION

NOTES

TEMPORARY CROSSOVER PAVEMENT STRUCTURE IS 4" ASPHALTIC SURFACE TEMPORARY OVER 10" BASE AGGREGATE DENSE 1 1/4-INCH.

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

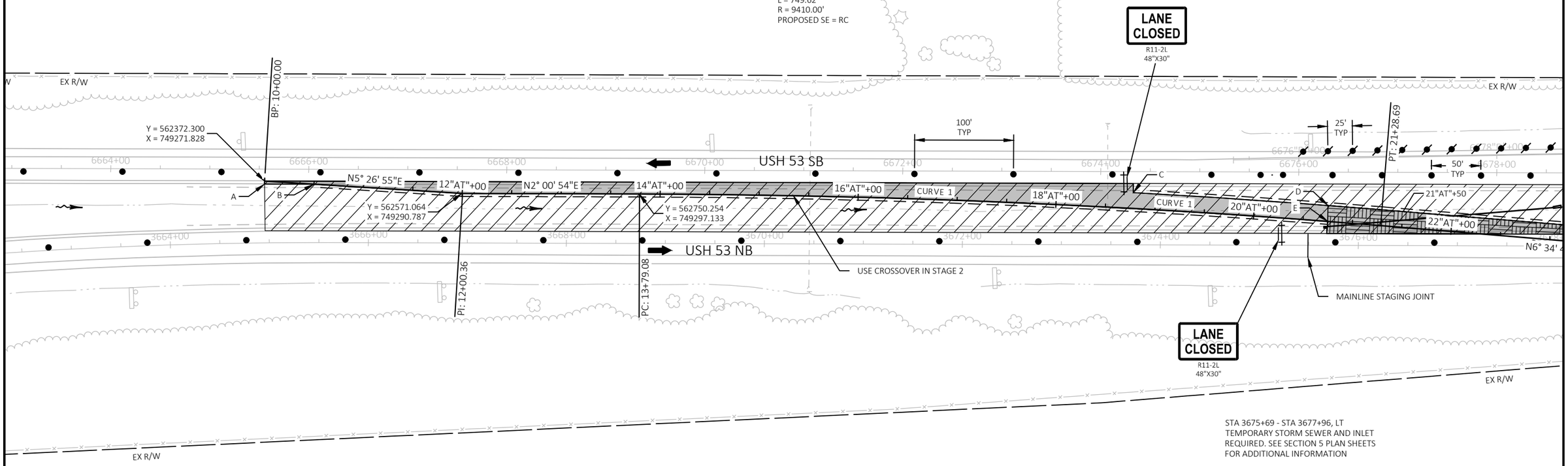
SEE SDD'S "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE" AND "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

PLACE TEMPORARY DELINEATORS AND TRAFFIC CONTROL FLEXIBLE TUBULAR MARKERS PER DETAIL FOR "TRAFFIC CONTROL FOR CROSSOVERS THAT IS NOT IN USE" ON SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" DURING WINTER SHUTDOWN AFTER STAGE 1.

N

CURVE NO. 1 "AT"
PI STA = 17+54.08
Y = 563125.13
X = 749310.32
PC STA = 13+79.08
Y=562750.36
X=749297.14
PT STA = 21+28.69
Y=563497.67
X=749353.29
DELTA = 4°33'51"
D = 0°36'32"
T = 375.01'
L = 749.62'
R = 9410.00'
PROPOSED SE = RC

STA 6674+07, RT
TEMPORARY COVER PLATE REQUIRED.
SEE SECTION 5 PLAN SHEETS FOR ADDITIONAL INFORMATION.



STA 3675+69 - STA 3677+96, LT
TEMPORARY STORM SEWER AND INLET REQUIRED. SEE SECTION 5 PLAN SHEETS FOR ADDITIONAL INFORMATION

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	10+00.18"AT"	2.99, RT
B	10+50.09"AT"	0.00
C	18+77.33"AT"	16.00, LT
D	20+74.07"AT"	16.00, LT
E	20+74.99"AT"	0.00

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1A & 3 - TEMP CROSSOVER - USH 53 NB/STH 70 EXIT	SHEET 107	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025102 - TC - (STH 70 STAGE 1).DWG
LAYOUT NAME - 01

PLOT DATE : 10/7/2022 9:01 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 1A & REMOVED IN STAGE 3
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 2 & REMOVED IN STAGE 3
- FLOW DIRECTION

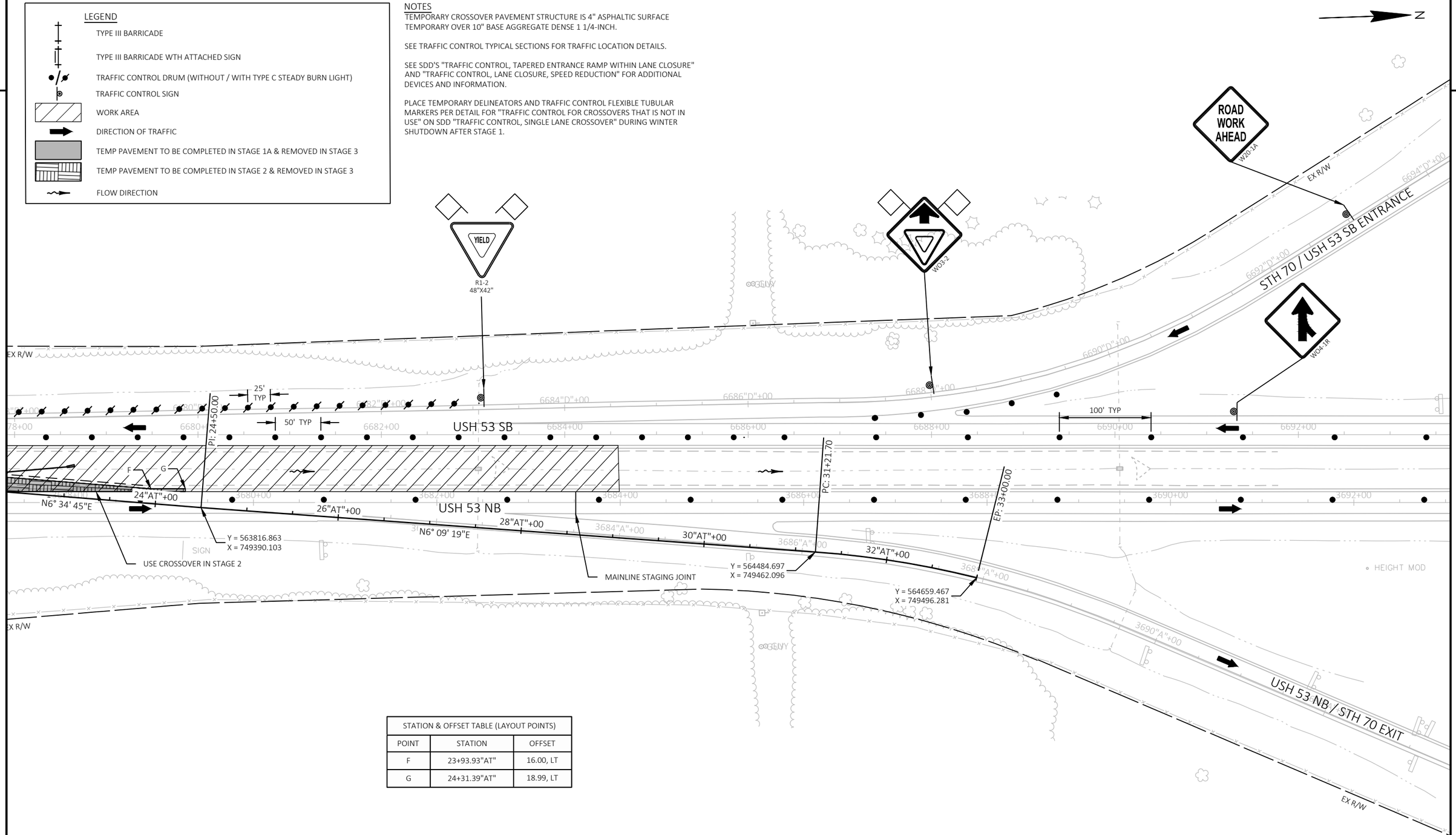
NOTES

TEMPORARY CROSSOVER PAVEMENT STRUCTURE IS 4" ASPHALTIC SURFACE TEMPORARY OVER 10" BASE AGGREGATE DENSE 1 1/4-INCH.

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD'S "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE" AND "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

PLACE TEMPORARY DELINEATORS AND TRAFFIC CONTROL FLEXIBLE TUBULAR MARKERS PER DETAIL FOR "TRAFFIC CONTROL FOR CROSSOVERS THAT IS NOT IN USE" ON SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" DURING WINTER SHUTDOWN AFTER STAGE 1.



STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
F	23+93.93"AT"	16.00, LT
G	24+31.39"AT"	18.99, LT

2

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1A & 3 - TEMP CROSSOVER - USH 53 NB/STH 70 EXIT	SHEET 108	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025102 - TC - (STH 70 STAGE 1).DWG
LAYOUT NAME - 02
PLOT DATE : 10/7/2022 9:01 AM
PLOT BY : AUSTIN STRAHL
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 1A & REMOVED IN STAGE 3
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 2 & REMOVED IN STAGE 3
- FLOW DIRECTION

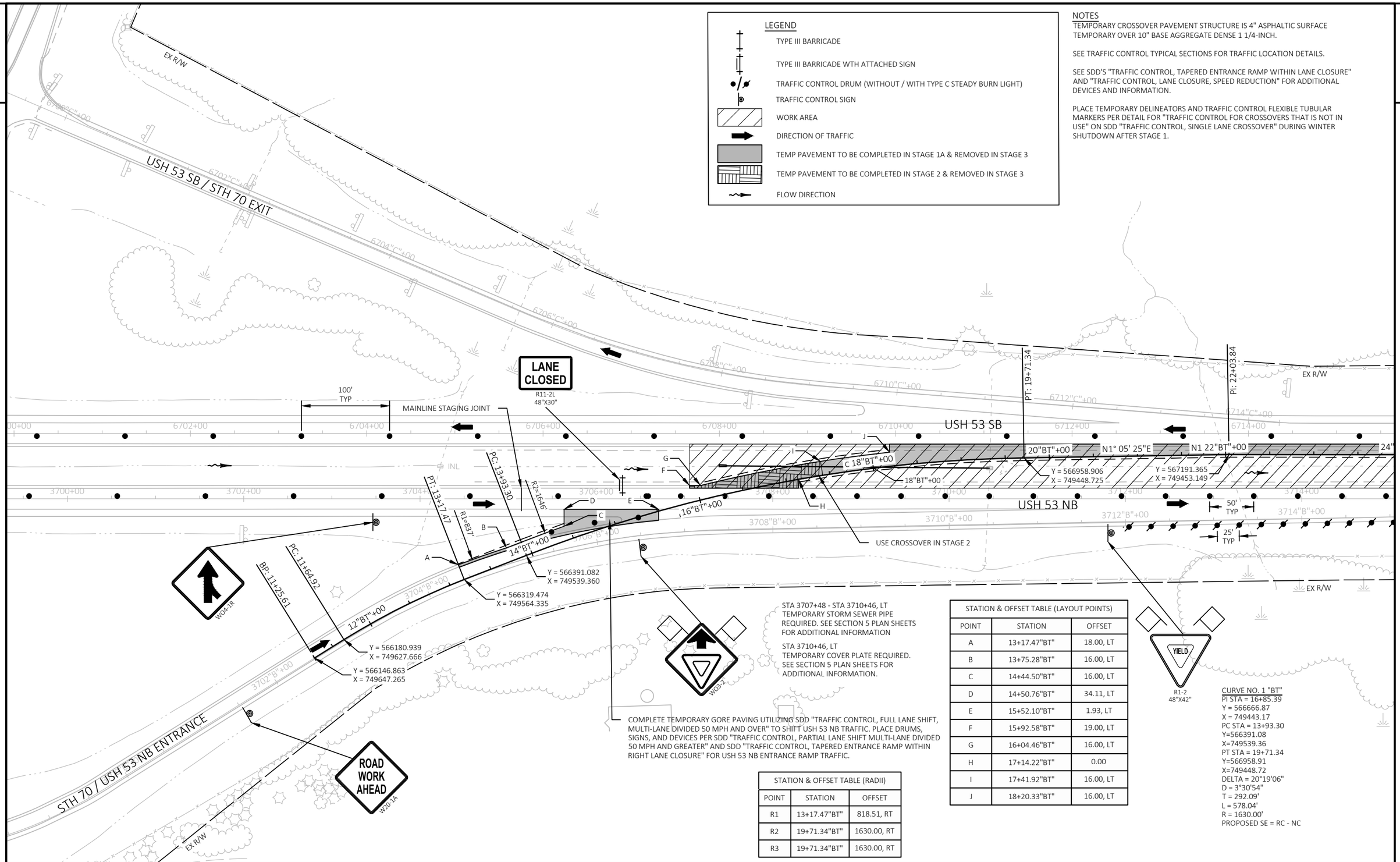
NOTES

TEMPORARY CROSSOVER PAVEMENT STRUCTURE IS 4" ASPHALTIC SURFACE TEMPORARY OVER 10" BASE AGGREGATE DENSE 1 1/4-INCH.

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD'S "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE" AND "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

PLACE TEMPORARY DELINEATORS AND TRAFFIC CONTROL FLEXIBLE TUBULAR MARKERS PER DETAIL FOR "TRAFFIC CONTROL FOR CROSSOVERS THAT IS NOT IN USE" ON SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" DURING WINTER SHUTDOWN AFTER STAGE 1.



STATION & OFFSET TABLE (RADII)		
POINT	STATION	OFFSET
R1	13+17.47"BT"	818.51, RT
R2	19+71.34"BT"	1630.00, RT
R3	19+71.34"BT"	1630.00, RT

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	13+17.47"BT"	18.00, LT
B	13+75.28"BT"	16.00, LT
C	14+44.50"BT"	16.00, LT
D	14+50.76"BT"	34.11, LT
E	15+52.10"BT"	1.93, LT
F	15+92.58"BT"	19.00, LT
G	16+04.46"BT"	16.00, LT
H	17+14.22"BT"	0.00
I	17+41.92"BT"	16.00, LT
J	18+20.33"BT"	16.00, LT

CURVE NO. 1 "BT"
PI STA = 16+85.39
Y = 566666.87
X = 749443.17
PC STA = 13+93.30
Y=566391.08
X=749539.36
PT STA = 19+71.34
Y=566958.91
X=749448.72
DELTA = 20°19'06"
D = 3°30'54"
T = 292.09'
L = 578.04'
R = 1630.00'
PROPOSED SE = RC - NC

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1A & 3 - TEMP CROSSOVER - USH 53 NB/STH 70 ENTRANCE	SHEET 109	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025102 - TC - (STH 70 STAGE 1).DWG
LAYOUT NAME - 04
PLOT DATE : 10/7/2022 9:02 AM
PLOT BY : AUSTIN STRAHL
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 1A & REMOVED IN STAGE 3
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 2 & REMOVED IN STAGE 3
- FLOW DIRECTION

NOTES

TEMPORARY CROSSOVER PAVEMENT STRUCTURE IS 4" ASPHALTIC SURFACE TEMPORARY OVER 10" BASE AGGREGATE DENSE 1 1/4-INCH.

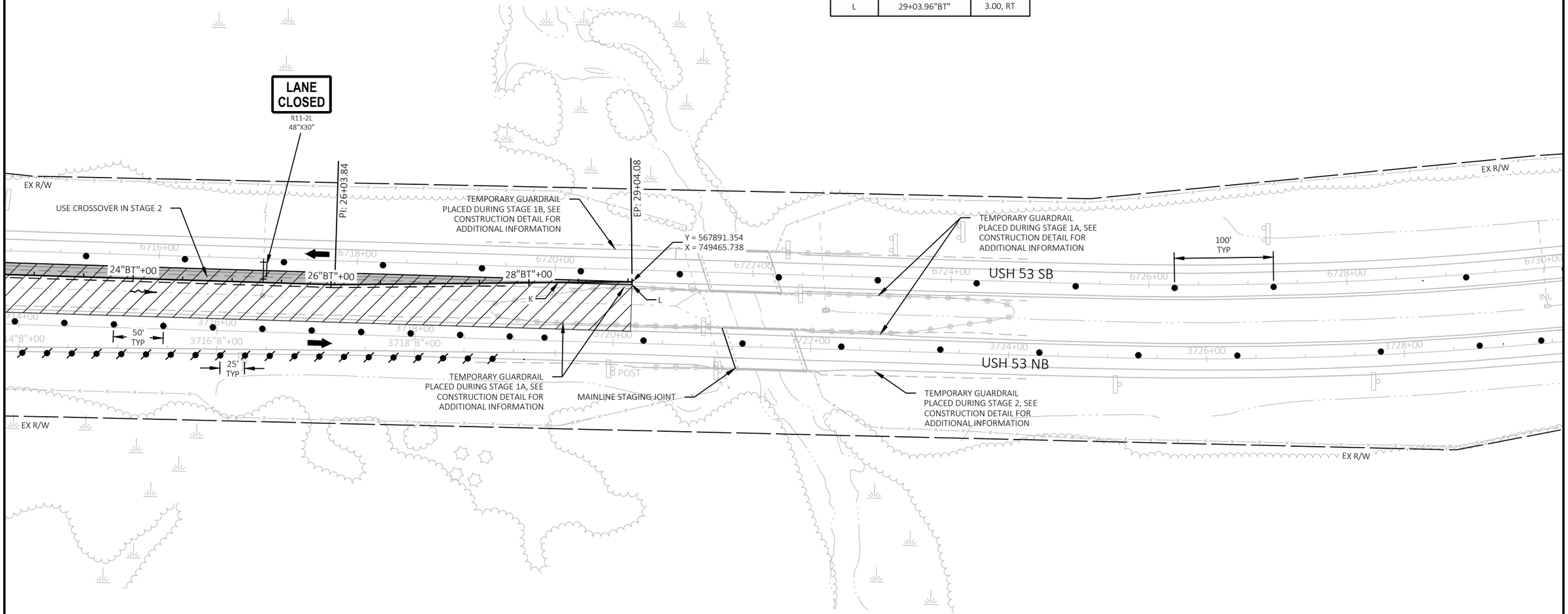
SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD'S "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE" AND "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

PLACE TEMPORARY DELINEATORS AND TRAFFIC CONTROL FLEXIBLE TUBULAR MARKERS PER DETAIL FOR "TRAFFIC CONTROL FOR CROSSOVERS THAT IS NOT IN USE" ON SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" DURING WINTER SHUTDOWN AFTER STAGE 1.

N

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
K	28+29.47"BT"	0.00
L	29+03.96"BT"	3.00, RT



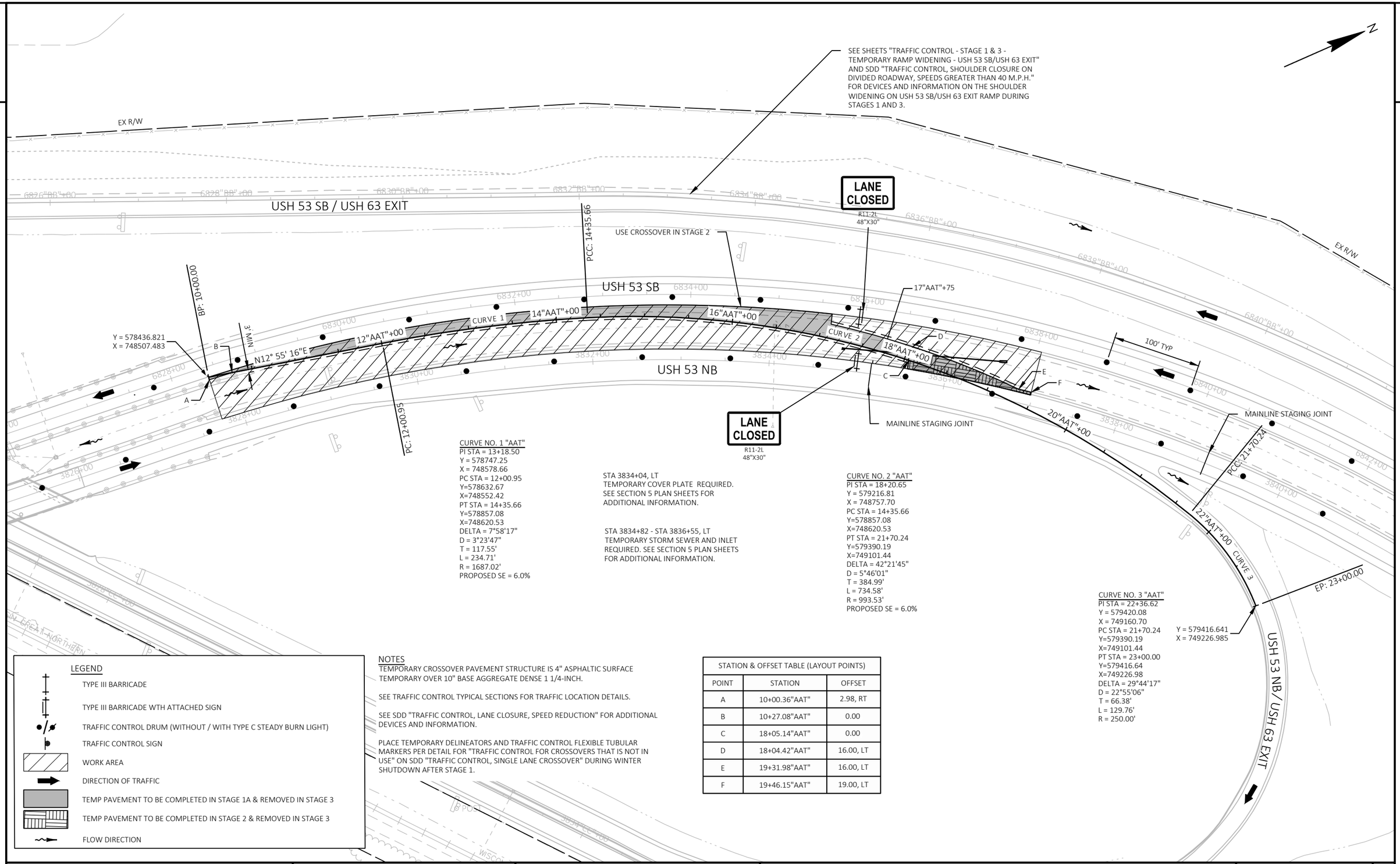
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1A & 3 - TEMP CROSSOVER - USH 53 NB/STH 70 ENTRANCE	SHEET 110	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025102 - TC - (STH 70 STAGE 1).DWG
LAYOUT NAME - 05

PLOT DATE : 10/7/2022 9:02 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



CURVE NO. 1 "AAT"
PI STA = 13+18.50
Y = 578747.25
X = 748578.66
PC STA = 12+00.95
Y=578632.67
X=748552.42
PT STA = 14+35.66
Y=578857.08
X=748620.53
DELTA = 7°58'17"
D = 3°23'47"
T = 117.55'
L = 234.71'
R = 1687.02'
PROPOSED SE = 6.0%

STA 3834+04, LT
TEMPORARY COVER PLATE REQUIRED.
SEE SECTION 5 PLAN SHEETS FOR ADDITIONAL INFORMATION.

STA 3834+82 - STA 3836+55, LT
TEMPORARY STORM SEWER AND INLET REQUIRED. SEE SECTION 5 PLAN SHEETS FOR ADDITIONAL INFORMATION.

CURVE NO. 2 "AAT"
PI STA = 18+20.65
Y = 579216.81
X = 748757.70
PC STA = 14+35.66
Y=578857.08
X=748620.53
PT STA = 21+70.24
Y=579390.19
X=749101.44
DELTA = 42°21'45"
D = 5°46'01"
T = 384.99'
L = 734.58'
R = 993.53'
PROPOSED SE = 6.0%

CURVE NO. 3 "AAT"
PI STA = 22+36.62
Y = 579420.08
X = 749160.70
PC STA = 21+70.24
Y=579390.19
X=749101.44
PT STA = 23+00.00
Y=579416.64
X=749226.98
DELTA = 29°44'17"
D = 22°55'06"
T = 66.38'
L = 129.76'
R = 250.00'

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 1A & REMOVED IN STAGE 3
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 2 & REMOVED IN STAGE 3
- FLOW DIRECTION

NOTES
TEMPORARY CROSSOVER PAVEMENT STRUCTURE IS 4" ASPHALTIC SURFACE TEMPORARY OVER 10" BASE AGGREGATE DENSE 1 1/4-INCH.

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

PLACE TEMPORARY DELINEATORS AND TRAFFIC CONTROL FLEXIBLE TUBULAR MARKERS PER DETAIL FOR "TRAFFIC CONTROL FOR CROSSOVERS THAT IS NOT IN USE" ON SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" DURING WINTER SHUTDOWN AFTER STAGE 1.

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	10+00.36"AAT"	2.98, RT
B	10+27.08"AAT"	0.00
C	18+05.14"AAT"	0.00
D	18+04.42"AAT"	16.00, LT
E	19+31.98"AAT"	16.00, LT
F	19+46.15"AAT"	19.00, LT

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1A & 3 - TEMP CROSSOVER - USH 53 NB/USH 63 EXIT	SHEET 111	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025103 - TC - (USH 63 STAGE 1).DWG
LAYOUT NAME - 01
PLOT DATE : 10/7/2022 9:11 AM
PLOT BY : AUSTIN STRAHL
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 1 & REMOVED IN STAGE 3
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 2 & REMOVED IN STAGE 3
- FLOW DIRECTION

NOTES

TEMPORARY CROSSOVER PAVEMENT STRUCTURE IS 5" ASPHALTIC SURFACE
TEMPORARY OVER 12" BASE AGGREGATE DENSE 1 1/4-INCH

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS

SEE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH" FOR ADDITIONAL DEVICES AND INFORMATION

CURVE NO. 2 "BBW"
PI STA = 15+79.30
Y = 577405.29
X = 747602.12
PC STA = 14+49.82
Y=577314.81
X=747509.50
PT STA = 17+08.75
Y=577492.00
X=747698.28
DELTA = 2°17'22"
D = 0°53'03"
T = 129.48'
L = 258.93'
R = 6480.00'

CURVE NO. 3 "BBW"
PI STA = 20+67.69
Y = 577732.35
X = 747964.86
PC STA = 17+08.75
Y=577492.00
X=747698.28
PT STA = 24+15.14
Y=578063.00
X=748104.54
DELTA = 25°03'38"
D = 3°32'52"
T = 358.94'
L = 706.39'
R = 1615.02'

CURVE NO. 1 "BBW"
PI STA = 12+93.45
Y = 577205.47
X = 747397.55
PC STA = 11+36.97
Y=577103.84
X=747278.56
PT STA = 14+49.82
Y=577314.81
X=747509.50
DELTA = 3°49'49"
D = 1°13'27"
T = 156.49'
L = 312.85'
R = 4680.00'

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	6811+49.64"BB"	3.83, LT
B	6812+99.52"BB"	11.45, LT
C	6815+58.81"BB"	23.00, LT

QUARRY
ANT.
SIGN
BERM
REMOVE EXISTING DRIVEWAY
EX R/W
USH 63
BP: 10+00.00
PC: 11+36.97
PRC: 14+49.82
PRC: 17+08.75
N49° 30' 06"E
Y = 577014.890
X = 747174.406
CURVE 1
CURVE 2
CURVE 3
A
B
C
100' TYP
12"BBW"+00
14"BBW"+00
16"BBW"+00
18"BBW"+00
20"BBW"+00
22"BBW"+00
3806"CC"+00
3808"CC"+00
3810"CC"+00
3812"CC"+00
3814"CC"+00
3816"CC"+00
3818"CC"+00
3820"CC"+00
6808"BB"+00
6810"BB"+00
6812"BB"+00
6814"BB"+00
6816"BB"+00
6818"BB"+00
6820"BB"+00
LANE CLOSED
R11-2L
48"X30"
USE TEMPORARY RAMP IN STAGE 2
USH 53 SB/USH 53 NB/USH 63 EXIT
USH 53 NB/USH 63 ENTRANCE
WO1-6
48"X24"
WISCONSIN GREAT NORTHERN RAILROAD
WILD RIVERS STATE TRAIL

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1 & 3 - TEMPORARY RAMP WIDENING - USH 53 SB/USH 63 EXIT	SHEET 112	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025104 - TC.DWG
LAYOUT NAME - 01
PLOT DATE : 2/24/2022 9:24 AM
PLOT BY : ADMIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 1 & REMOVED IN STAGE 3
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 2 & REMOVED IN STAGE 3
- FLOW DIRECTION

NOTES
TEMPORARY CROSSOVER PAVEMENT STRUCTURE IS 5" ASPHALTIC SURFACE
TEMPORARY OVER 12" BASE AGGREGATE DENSE 1 1/4-INCH

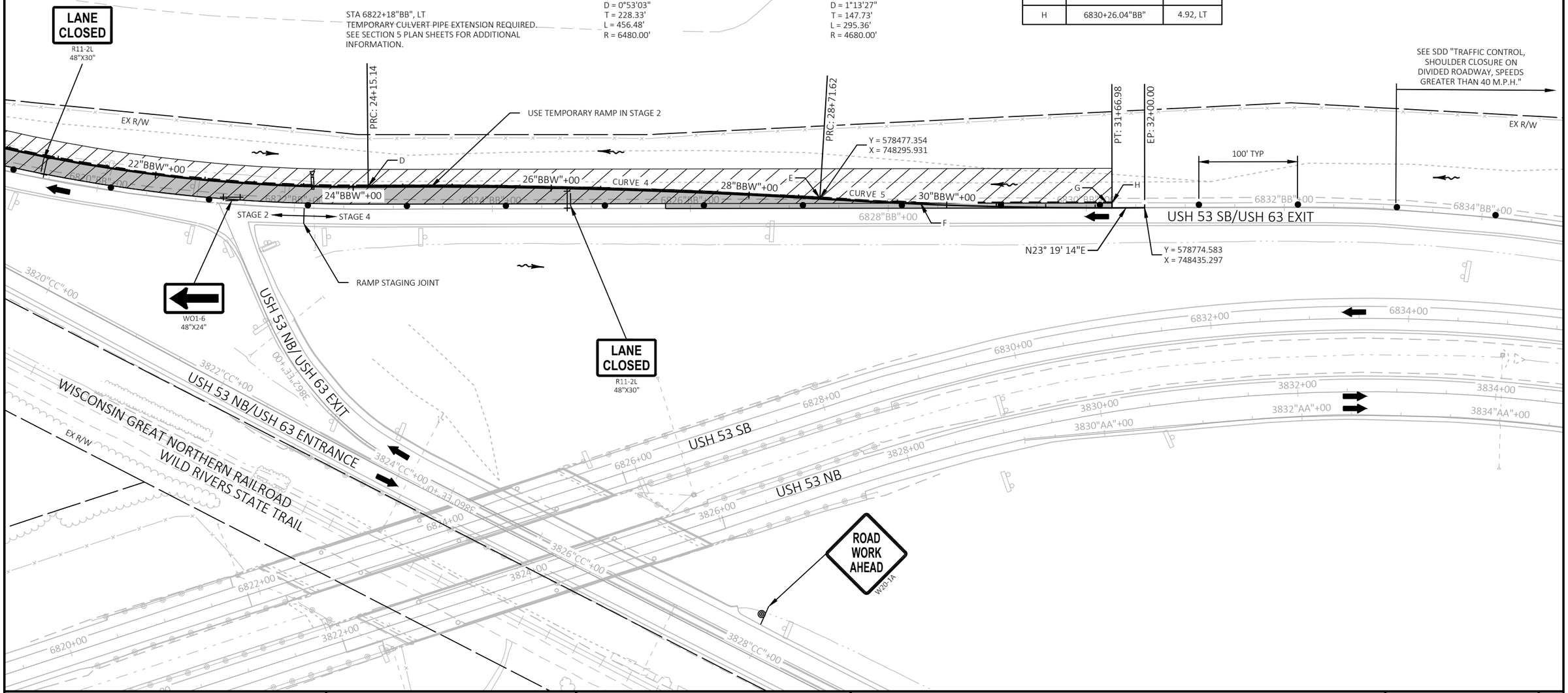
SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS

SEE SDD "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH" FOR ADDITIONAL DEVICES AND INFORMATION

CURVE NO. 4 "BBW"
PI STA = 26+43.48
Y = 578273.34
X = 748193.39
PC STA = 24+15.14
Y=578063.00
X=748104.54
PT STA = 28+71.62
Y=578476.90
X=748296.82
DELTA = 4°02'10"
D = 0°53'03"
T = 228.33'
L = 456.48'
R = 6480.00'

CURVE NO. 5 "BBW"
PI STA = 30+19.35
Y = 578608.60
X = 748363.74
PC STA = 28+71.62
Y=578476.90
X=748296.82
PT STA = 31+66.98
Y=578744.26
X=748422.23
DELTA = 3°36'58"
D = 1°13'27"
T = 147.73'
L = 295.36'
R = 4680.00'

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
D	6822+74.66"BB"	23.04, LT
E	6827+30.94"BB"	10.32, LT
F	6828+32.61"BB"	5.00, LT
G	6830+21.04"BB"	5.00, LT
H	6830+26.04"BB"	4.92, LT



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1 & 3 - TEMPORARY RAMP WIDENING - USH 53 SB/USH 63 EXIT	SHEET 113	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025104 - TC.DWG
LAYOUT NAME - 02
PLOT DATE : 2/24/2022 9:24 AM
PLOT BY : ADMIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 1A & REMOVED IN STAGE 5
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 2 & REMOVED IN STAGE 3
- FLOW DIRECTION

NOTES

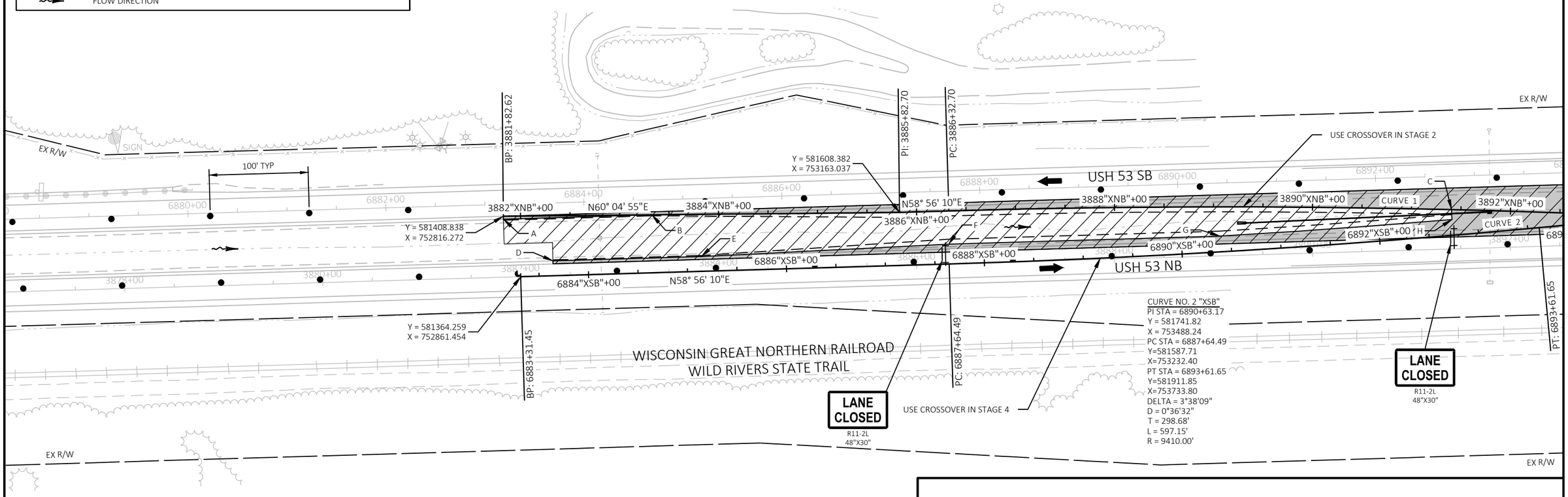
SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

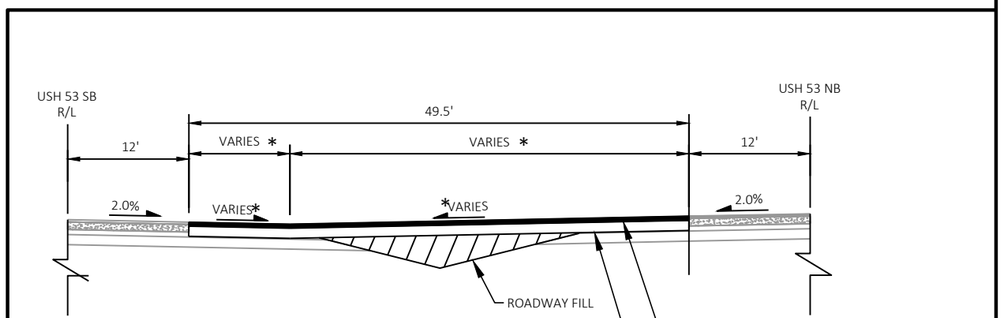
PLACE TEMPORARY DELINEATORS AND TRAFFIC CONTROL FLEXIBLE TUBULAR MARKERS PER DETAIL FOR "TRAFFIC CONTROL FOR CROSSOVERS THAT IS NOT IN USE" ON SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" DURING WINTER SHUTDOWN AFTER STAGE 1.

STA 3889+33 - STA 3891+81, LT
TEMPORARY STORM SEWER REQUIRED.
SEE SECTION 5 PLAN SHEETS FOR
ADDITIONAL INFORMATION.

CURVE NO. 1 "XNB"
PI STA = 3890+56.30
Y = 581852.75
X = 753568.72
PC STA = 3886+32.70
Y=581634.18
X=753205.87
PT STA = 3894+79.32
Y=582037.84
X=753949.74
DELTA = 5°09'18"
D = 0°36'32"
T = 423.60'
L = 846.62'
R = 9410.00'



STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	6883+18.35	15.00, RT
B	6884+68.35	15.00, RT
C	6892+75.88	33.70, RT
D	6883+67.10	58.50, RT
E	6885+17.10	58.50, RT
F	6887+67.10	53.50, RT
G	6890+41.20	53.50, RT
H	6892+75.88	43.71, RT



TYPICAL CROSSOVER SECTION

NOTE

* SEE CROSS SECTIONS FOR ADDITIONAL DETAILS

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1A & 5A - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 114	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025105 - TC - (NORTH XOVER).DWG
LAYOUT NAME - 01

PLOT DATE : 10/7/2022 9:31 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 1A & REMOVED IN STAGE 5
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 2 & REMOVED IN STAGE 3
- FLOW DIRECTION

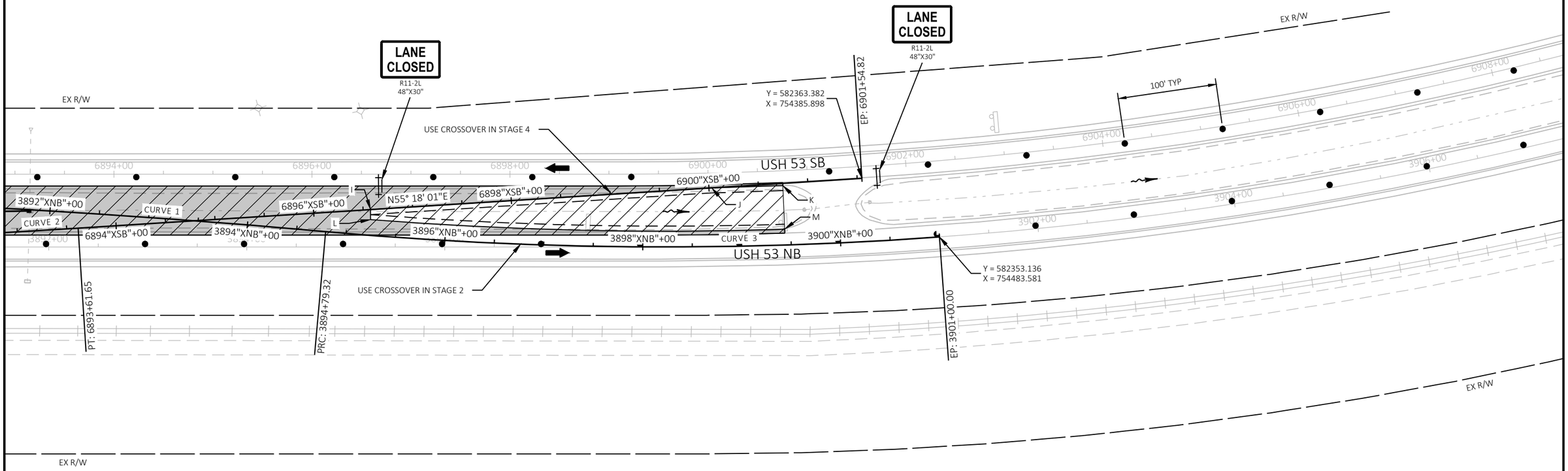
NOTES

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

PLACE TEMPORARY DELINEATORS AND TRAFFIC CONTROL FLEXIBLE TUBULAR MARKERS PER DETAIL FOR "TRAFFIC CONTROL FOR CROSSOVERS THAT IS NOT IN USE" ON SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" DURING WINTER SHUTDOWN AFTER STAGE 1.

CURVE NO. 1 "XNB"
PI STA = 3890+56.30
Y = 581852.75
X = 753568.72
PC STA = 3886+32.70
Y=581634.18
X=753205.87
PT STA = 3894+79.32
Y=582037.84
X=753949.74
DELTA = 5°09'18"
D = 0°36'32"
T = 423.60'
L = 846.62'
R = 9410.00'



CURVE NO. 2 "XSB"
PI STA = 6890+63.17
Y = 581741.82
X = 753488.24
PC STA = 6887+64.49
Y=581587.71
X=753232.40
PT STA = 6893+61.65
Y=581911.85
X=753733.80
DELTA = 3°38'09"
D = 0°36'32"
T = 298.68'
L = 597.15'
R = 9410.00'

CURVE NO. 3 "XNB"
PI STA = 3897+90.35
Y = 582173.74
X = 754229.50
PC STA = 3894+79.32
Y=582037.84
X=753949.74
PT STA = 3901+00.00
Y=582353.14
X=754483.58
DELTA = 9°18'57"
D = 1°30'03"
T = 311.03'
L = 620.68'
R = 3817.45'

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
I	6896+59.10	35.80, RT
J	6900+03.44	15.00, RT
K	6900+75.00	15.00, RT
L	6896+59.10	45.82, RT
M	6900+75.00	59.12, RT

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 1A & 5A - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 115	E

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 3 & REMOVED IN STAGE 5A
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 4 & REMOVED IN STAGE 5
- FLOW DIRECTION

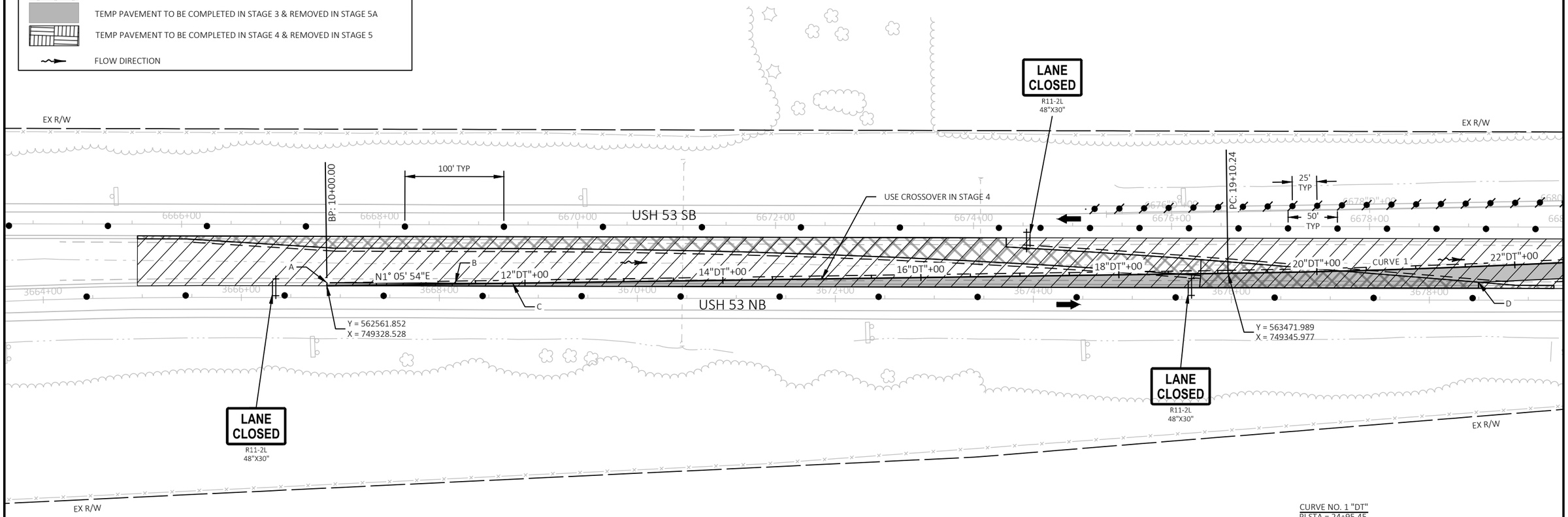
NOTES

TEMPORARY CROSSOVER PAVEMENT STRUCTURE IS 4" ASPHALTIC SURFACE TEMPORARY OVER 10" BASE AGGREGATE DENSE 1 1/4-INCH.

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE" AND "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

N



STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	10+00.00"DT"	3.00, LT
B	11+29.63"DT"	0.91, LT
C	11+87.52"DT"	0.00
D	21+62.73"DT"	16.00, RT

CURVE NO. 1 "DT"
PI STA = 24+95.45
Y = 564057.09
X = 749357.19
PC STA = 19+10.24
Y=563471.99
X=749345.98
PT STA = 30+79.15
Y=564639.07
X=749295.83
DELTA = 7°07'02"
D = 0°36'32"
T = 585.21'
L = 1168.91'
R = 9410.00'
PROPOSED SE = RC-NC

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 3 & 5A - TEMP CROSSOVER - USH 53 SB/STH 70 ENTRANCE	SHEET 116	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025200 - TC - (STH 70 STAGE 3).DWG
LAYOUT NAME - 01
PLOT DATE : 4/8/2022 7:53 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

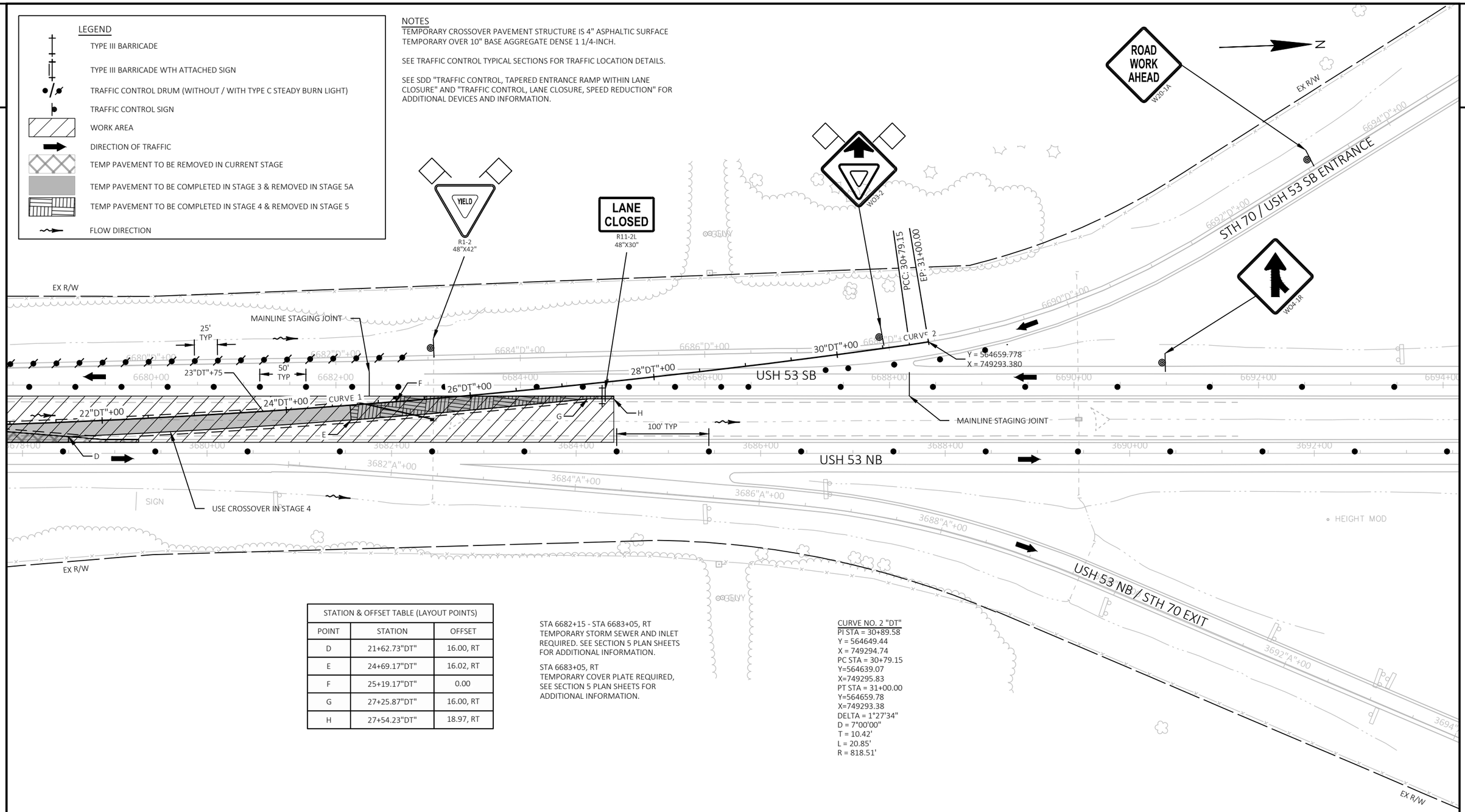
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 3 & REMOVED IN STAGE 5A
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 4 & REMOVED IN STAGE 5
- FLOW DIRECTION

NOTES

TEMPORARY CROSSOVER PAVEMENT STRUCTURE IS 4" ASPHALTIC SURFACE TEMPORARY OVER 10" BASE AGGREGATE DENSE 1 1/4-INCH.

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE" AND "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.



STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
D	21+62.73"DT"	16.00, RT
E	24+69.17"DT"	16.02, RT
F	25+19.17"DT"	0.00
G	27+25.87"DT"	16.00, RT
H	27+54.23"DT"	18.97, RT

STA 6682+15 - STA 6683+05, RT
TEMPORARY STORM SEWER AND INLET REQUIRED. SEE SECTION 5 PLAN SHEETS FOR ADDITIONAL INFORMATION.

STA 6683+05, RT
TEMPORARY COVER PLATE REQUIRED, SEE SECTION 5 PLAN SHEETS FOR ADDITIONAL INFORMATION.

CURVE NO. 2 "DT"
PI STA = 30+89.58
Y = 564649.44
X = 749294.74
PC STA = 30+79.15
Y=564639.07
X=749295.83
PT STA = 31+00.00
Y=564659.78
X=749293.38
DELTA = 1°27'34"
D = 7°00'00"
T = 10.42'
L = 20.85'
R = 818.51'

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 3 & 5A - TEMP CROSSOVER - USH 53 SB/STH 70 ENTRANCE	SHEET 117	E

2

COMPLETE TEMPORARY GORE PAVING UTILIZING SDD "TRAFFIC CONTROL, FULL LANE SHIFT, MULTI-LANE DIVIDED 50 MPH AND OVER" TO SHIFT USH 53 SB TRAFFIC. PLACE DRUMS, SIGNS, AND DEVICES PER SDD "TRAFFIC CONTROL, PARTIAL LANE SHIFT MULTI-LANE DIVIDED 50 MPH AND GREATER" AND SDD "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN RIGHT LANE CLOSURE" FOR USH 53 SB ENTRANCE RAMP TRAFFIC.

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 3 & REMOVED IN STAGE 5A
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 4 & REMOVED IN STAGE 5
- FLOW DIRECTION

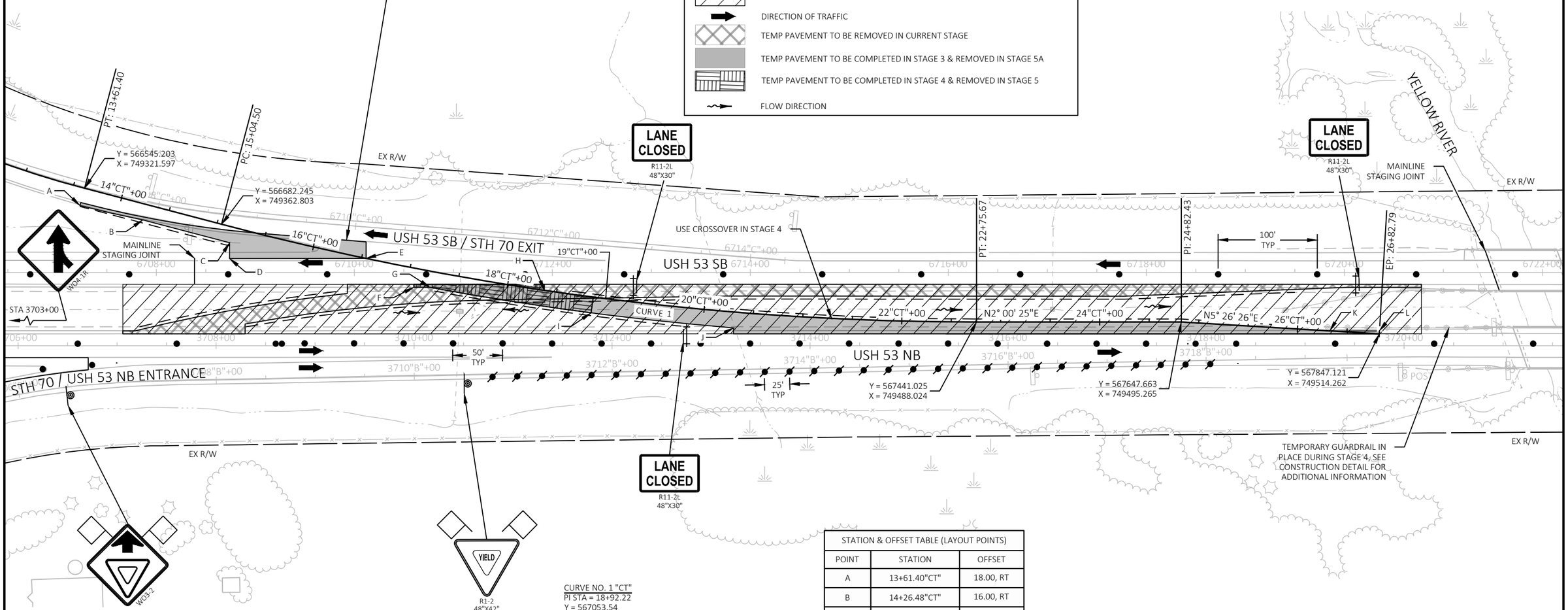
NOTES

TEMPORARY CROSSOVER PAVEMENT STRUCTURE IS 4" ASPHALTIC SURFACE TEMPORARY OVER 10" BASE AGGREGATE DENSE 1 1/4-INCH.

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE" AND "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

N



CURVE NO. 1 "CT"
PI STA = 18+92.22
Y = 567053.54
X = 749474.45
PC STA = 15+04.50
Y=566682.24
X=749362.80
PT STA = 22+75.67
Y=567441.02
X=749488.02
DELTA = 14°43'41"
D = 1°54'35"
T = 387.72'
L = 771.16'
R = 3000.00'
PROPOSED SE = RC - NC

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	13+61.40"CT"	18.00, RT
B	14+26.48"CT"	16.00, RT
C	15+17.11"CT"	16.00, RT
D	15+21.05"CT"	31.40, RT
E	16+54.50"CT"	0.00
F	17+07.40"CT"	19.00, RT
G	17+23.18"CT"	16.00, RT
H	18+37.32"CT"	0.00
I	18+87.32"CT"	16.00, RT
J	20+31.19"CT"	16.00, RT
K	26+32.70"CT"	0.00
L	26+82.61"CT"	2.99, LT

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 3 & 5A - TEMP CROSSOVER - USH 53 SB/STH 70 EXIT	SHEET 118	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025200 - TC - (STH 70 STAGE 3).DWG
LAYOUT NAME - 04
PLOT DATE : 4/8/2022 7:54 AM
PLOT BY : ADMIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 3 & REMOVED IN STAGE 5A
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 4 & REMOVED IN STAGE 5
- FLOW DIRECTION

NOTES

TEMPORARY CROSSOVER PAVEMENT STRUCTURE IS 4" ASPHALTIC SURFACE TEMPORARY OVER 10" BASE AGGREGATE DENSE 1 1/4-INCH.

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE" AND "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

N

CURVE NO. 2 "BBT"
PI STA = 14+77.52
Y = 579995.50
X = 750015.68
PC STA = 11+84.23
Y=579944.50
X=749726.85
PT STA = 17+70.27
Y=580076.40
X=750297.59
DELTA = 5°59'46"
D = 1°01'23"
T = 293.29'
L = 586.05'
R = 5600.00'
PROPOSED SE = NC - RC

CURVE NO. 1 "BBT"
PI STA = 10+92.23
Y = 579928.46
X = 749636.03
PC STA = 10+00.00
Y=579901.61
X=749547.80
PT STA = 11+84.23
Y=579944.50
X=749726.85
DELTA = 6°54'31"
D = 3°45'00"
T = 92.23'
L = 184.23'
R = 1527.89'
PROPOSED SE = 4.0% - RC

CURVE NO. 3 "BBT"
PI STA = 20+72.44
Y = 580159.75
X = 750588.03
PC STA = 17+70.27
Y=580076.40
X=750297.59
PT STA = 23+74.03
Y=580273.30
X=750868.04
DELTA = 6°03'47"
D = 1°00'15"
T = 302.16'
L = 603.76'
R = 5705.58'
PROPOSED SE = RC

STA 3853+61, LT
TEMPORARY COVER PLATE REQUIRED.
SEE SEC 5 PLAN SHEETS FOR ADDITIONAL INFORMATION.

STS 3850+06 - STA 3853+61, LT
TEMPORARY STORM SEWER REQUIRED.
SEE SEC 5 PLAN SHEETS FOR ADDITIONAL INFORMATION.

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
A	13+91.46"BBT"	19.00, RT
B	14+13.24"BBT"	16.00, RT
C	15+70.25"BBT"	0.00
D	16+20.24"BBT"	16.00, RT
E	18+36.56"BBT"	16.00, RT

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- WORK AREA
- DIRECTION OF TRAFFIC
- TEMP PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 3 & REMOVED IN STAGE 5A
- TEMP PAVEMENT TO BE COMPLETED IN STAGE 4 & REMOVED IN STAGE 5
- FLOW DIRECTION

NOTES

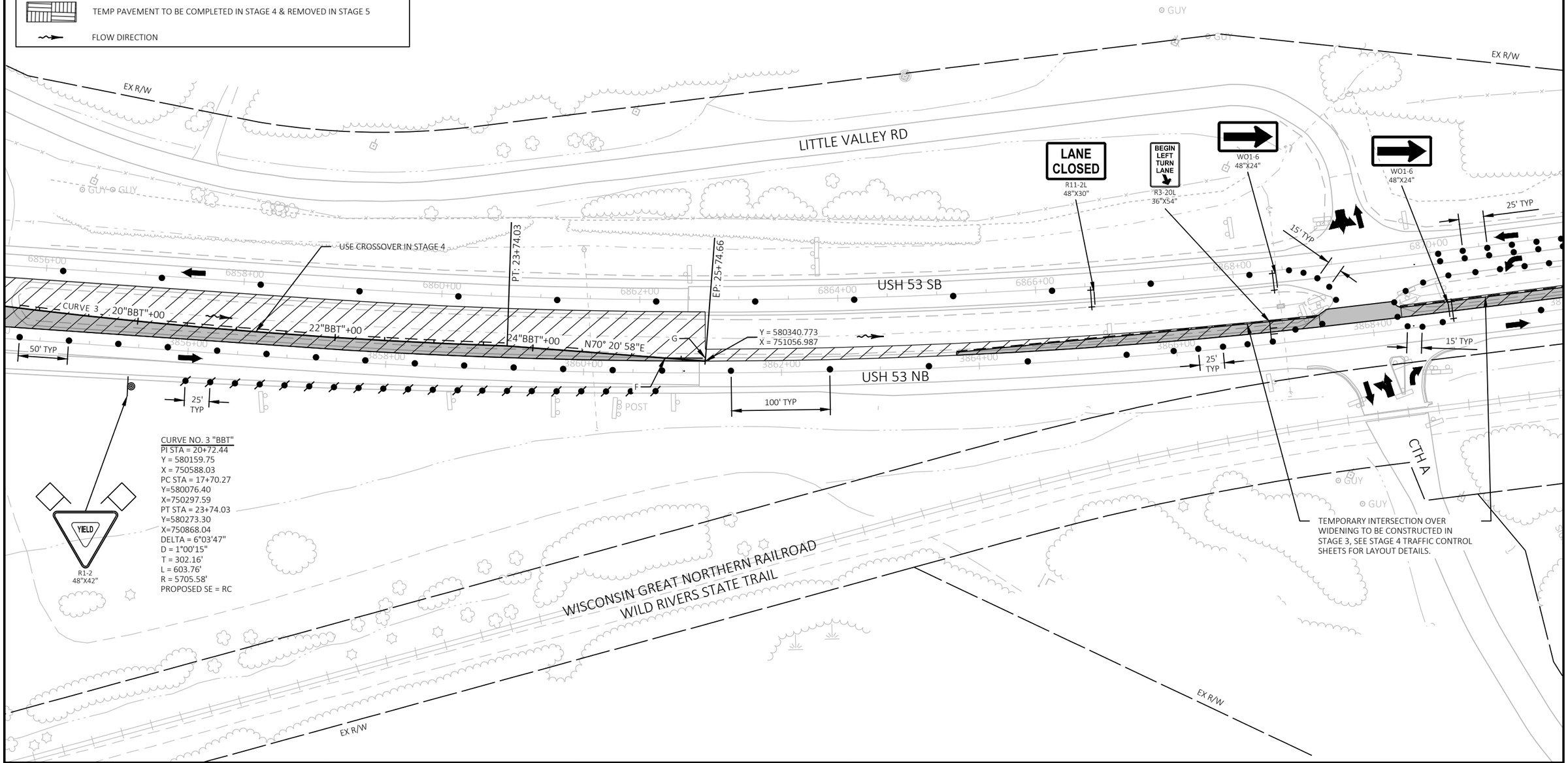
TEMPORARY CROSSOVER PAVEMENT STRUCTURE IS 4" ASPHALTIC SURFACE TEMPORARY OVER 10" BASE AGGREGATE DENSE 1 1/4-INCH.

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE" AND "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

STATION & OFFSET TABLE (LAYOUT POINTS)		
POINT	STATION	OFFSET
F	25+33.99"BBT"	0.00
G	25+74.44"BBT"	2.99, LT

N



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 3 & 5A - TEMP CROSSOVER - USH 53 SB/USH 63 EXIT	SHEET 120	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025201 - TC - (USH 63 STAGE 3).DWG
LAYOUT NAME - 02

PLOT DATE : 4/8/2022 8:00 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

LEGEND

- TEMPORARY PAVEMENT COMPLETED BY OTHERS AND IN THE PREVIOUS STAGE
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- MARKING REMOVAL LINE OR REMOVABLE MASK OUT TAPE
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE BRIDGE REHABILITATIONS, GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

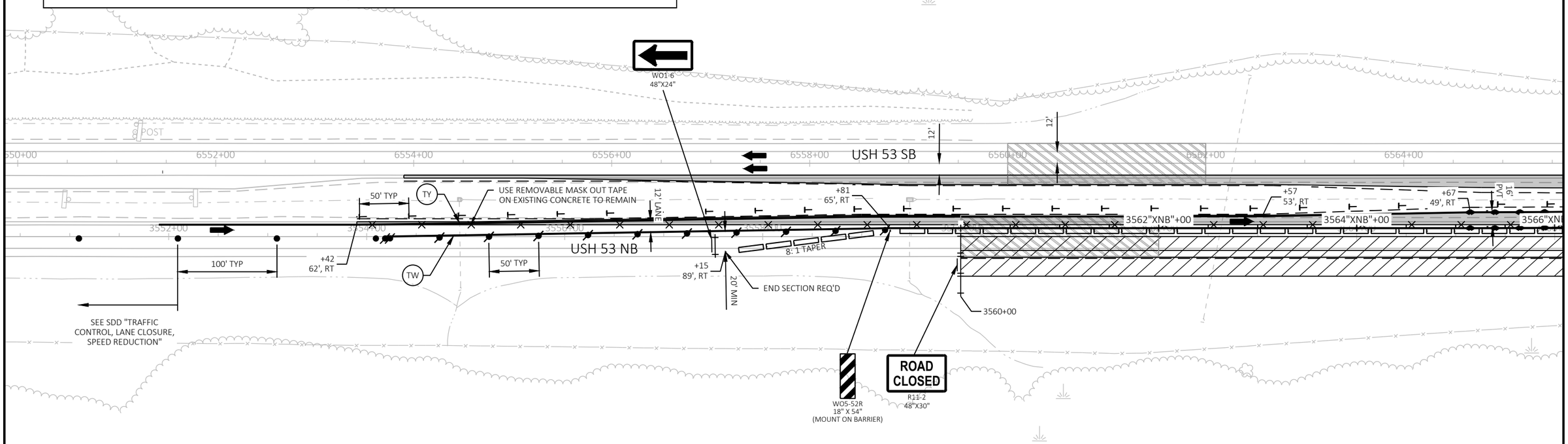
NOTES

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 121	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025400 - TC - (PM X-OVER S2).DWG
LAYOUT NAME - 01

PLOT DATE : 2/24/2022 9:49 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED BY OTHERS AND IN THE PREVIOUS STAGE
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- MARKING REMOVAL LINE OR REMOVABLE MASK OUT TAPE
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE BRIDGE REHABILITATIONS, GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

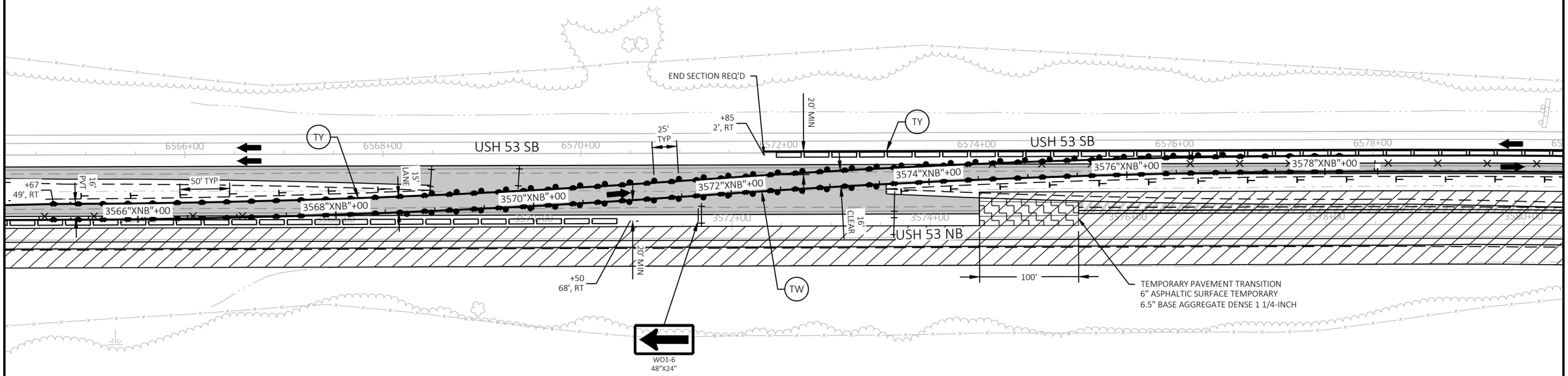
NOTES

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 122	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025400 - TC - (PM X-OVER S2).DWG
LAYOUT NAME - 02

PLOT DATE : 2/24/2022 9:49 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- TEMPORARY PAVEMENT COMPLETED BY OTHERS AND IN THE PREVIOUS STAGE
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- TEMPORARY PAVEMENT TO BE COMPLETED IN STAGE 2
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- MARKING REMOVAL LINE OR REMOVABLE MASK OUT TAPE
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE BRIDGE REHABILITATIONS, GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

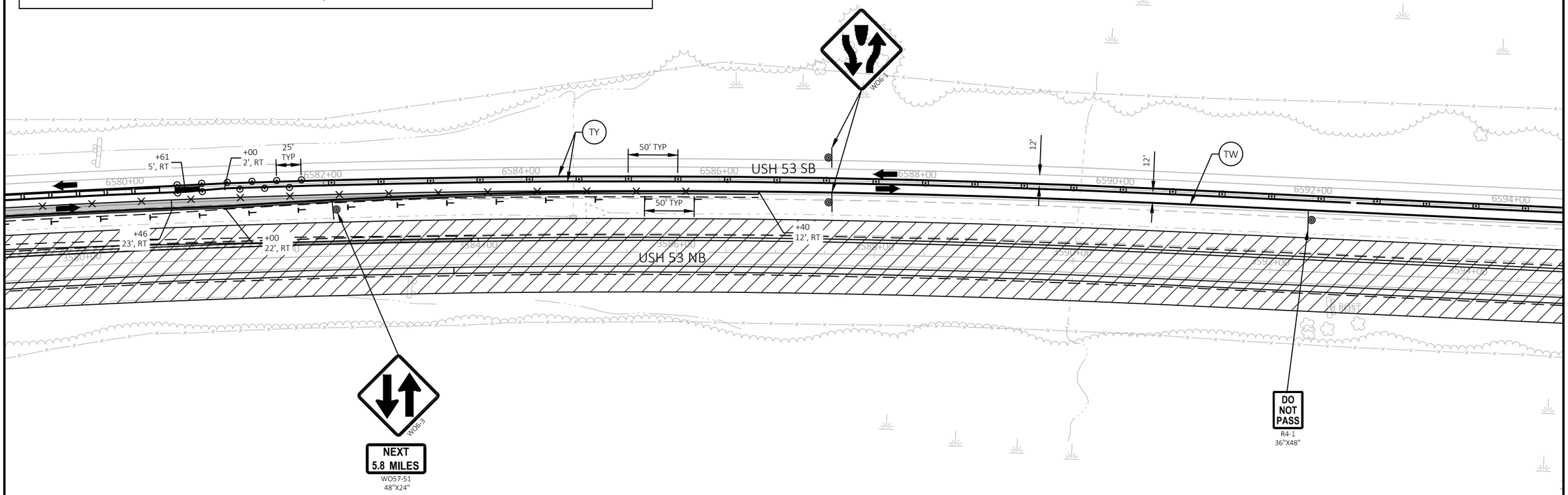
NOTES

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT RECONSTRUCTED IN CURRENT STAGE DURING RAMP CLOSURE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

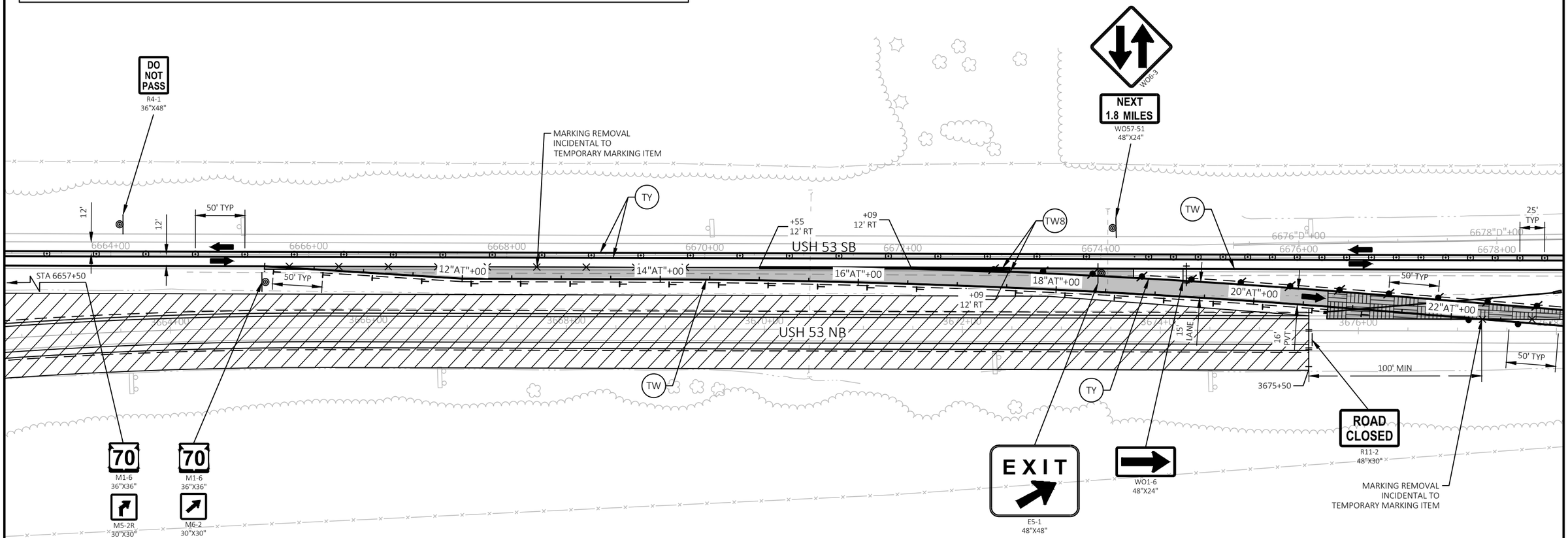
SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION AND TRAFFIC CONTROL TYPICAL SECTIONS FOR ADDITION TRAFFIC LOCATION INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD'S "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" AND "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITH LANE CLOSURE" FOR ADDITIONAL DEVICES AND LOCATIONS.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

N



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - USH 53 NB/STH 70 EXIT	SHEET 124	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025401 - TC - (PM STH 70 STAGE 2).DWG
LAYOUT NAME - 01

PLOT DATE : 10/10/2022 5:01 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT RECONSTRUCTED IN CURRENT STAGE DURING RAMP CLOSURE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

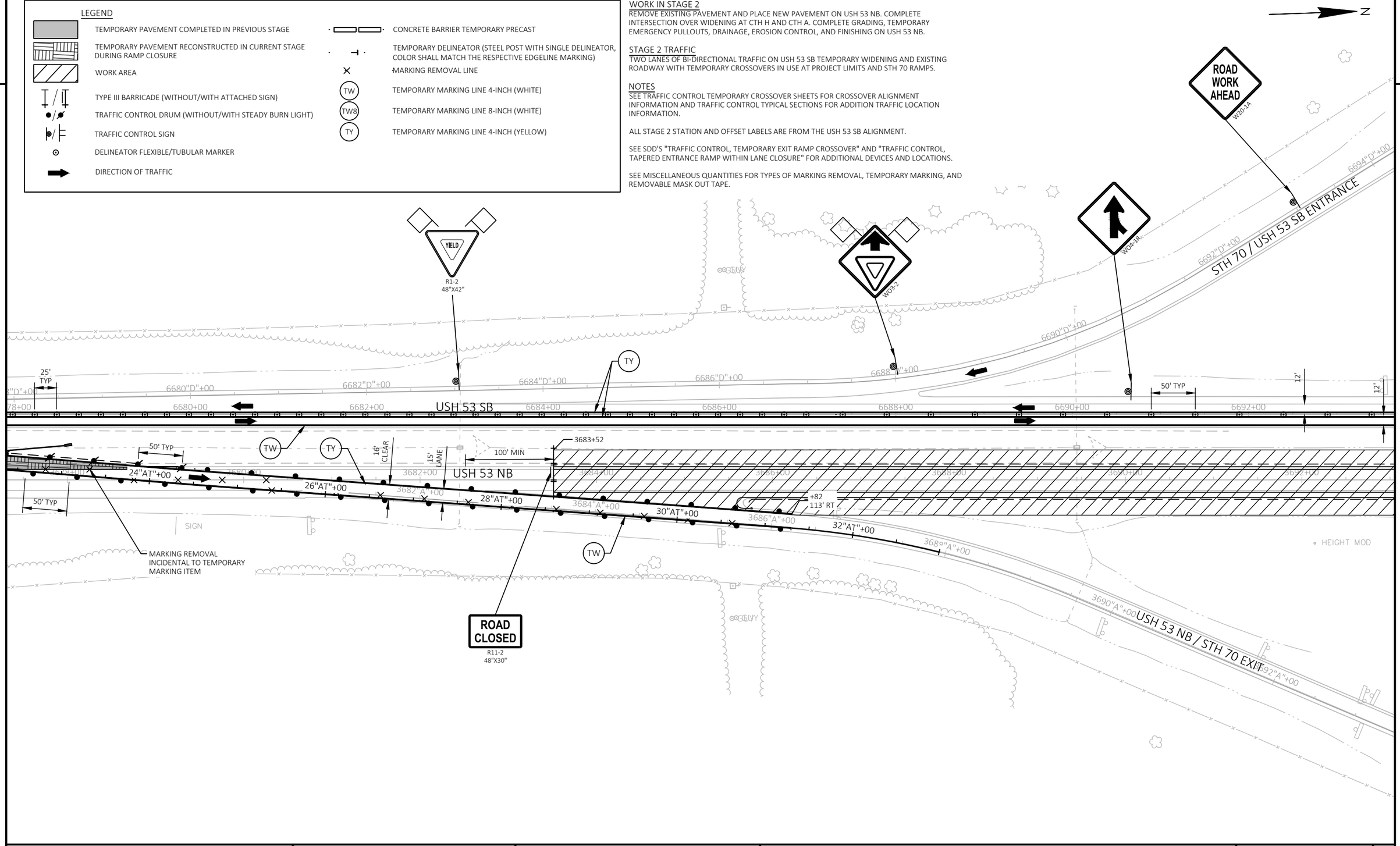
NOTES

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION AND TRAFFIC CONTROL TYPICAL SECTIONS FOR ADDITION TRAFFIC LOCATION INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD'S "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" AND "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE" FOR ADDITIONAL DEVICES AND LOCATIONS.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - USH 53 NB/STH 70 EXIT	SHEET 125	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025401 - TC - (PM STH 70 STAGE 2).DWG
LAYOUT NAME - 02

PLOT DATE : 10/10/2022 5:02 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT RECONSTRUCTED IN CURRENT STAGE DURING RAMP CLOSURE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

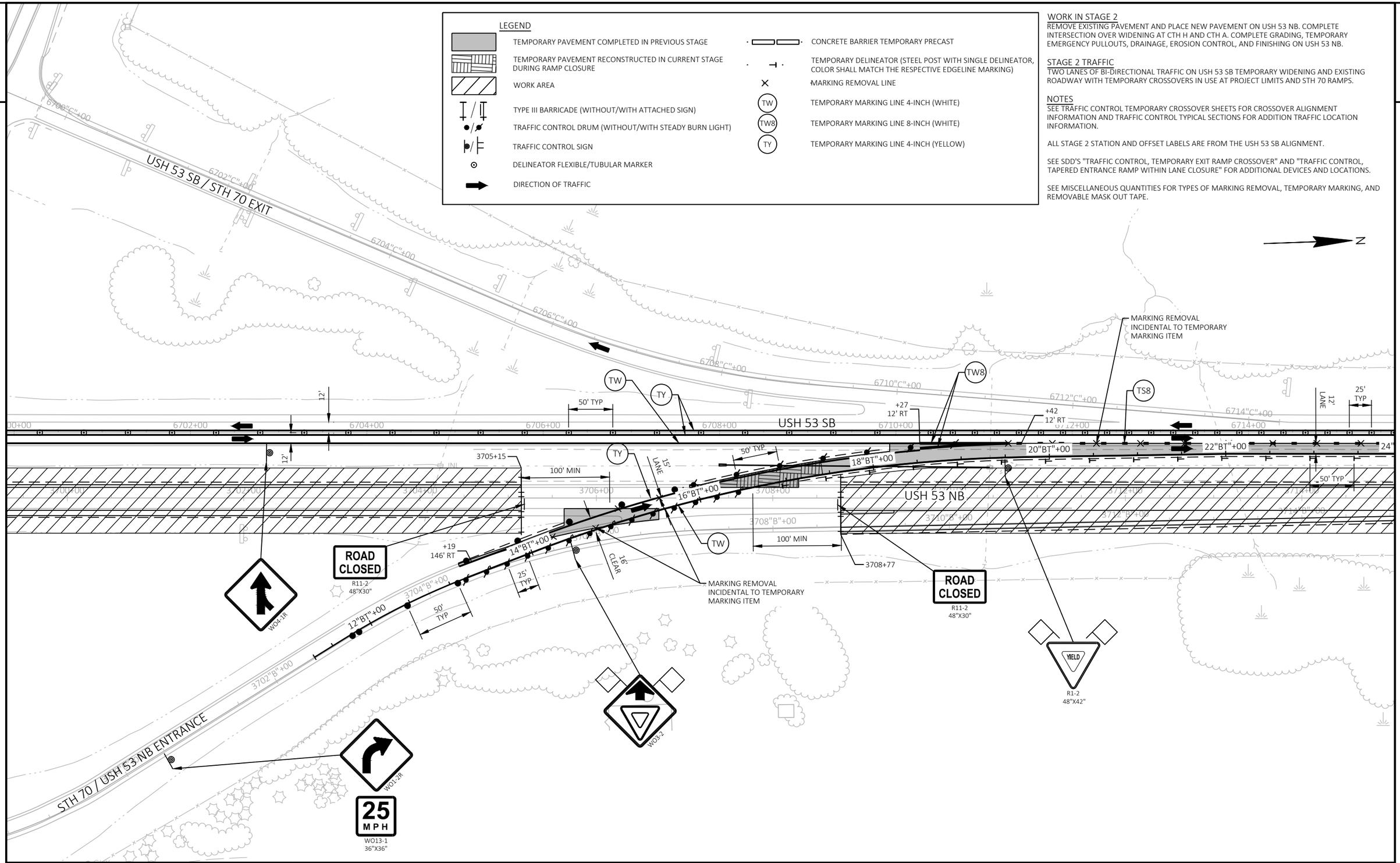
NOTES

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION AND TRAFFIC CONTROL TYPICAL SECTIONS FOR ADDITION TRAFFIC LOCATION INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD'S "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" AND "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE" FOR ADDITIONAL DEVICES AND LOCATIONS.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - USH 53 NB/STH 70 ENTRANCE	SHEET 126	E

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT RECONSTRUCTED IN CURRENT STAGE DURING RAMP CLOSURE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION AND TRAFFIC CONTROL TYPICAL SECTIONS FOR ADDITION TRAFFIC LOCATION INFORMATION.

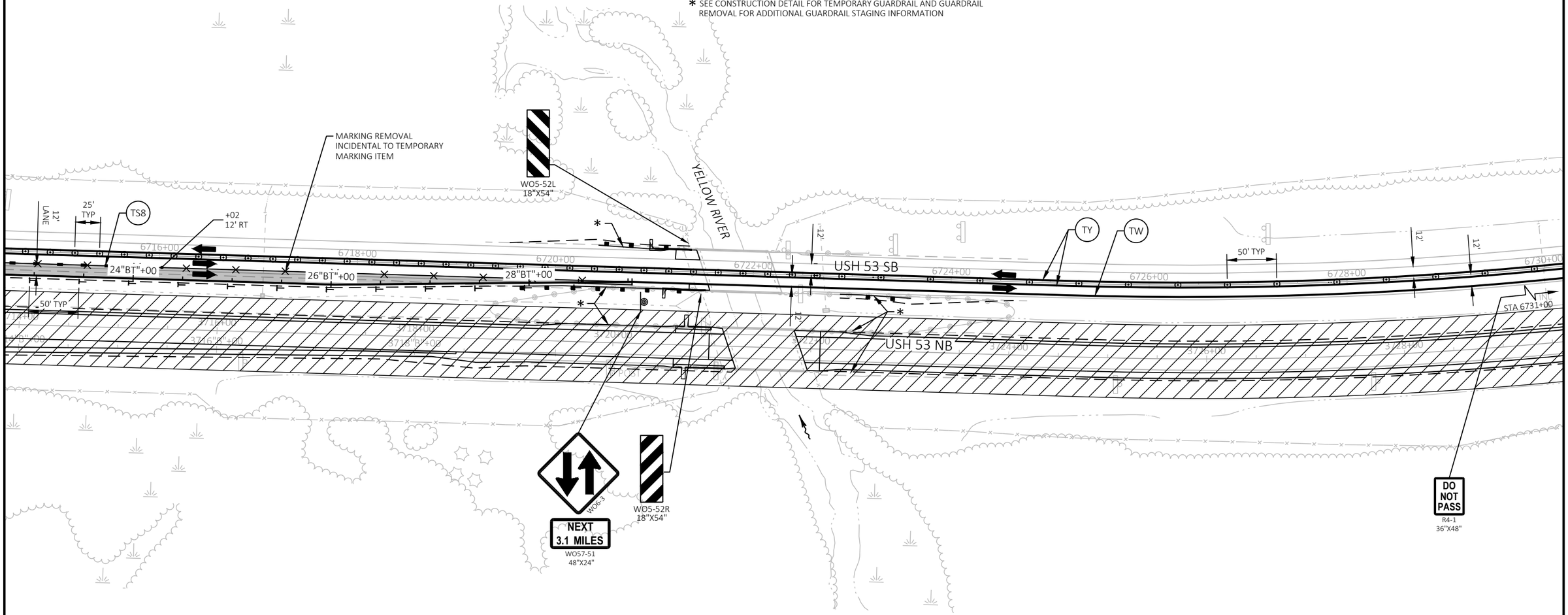
ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD'S "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" AND "TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE" FOR ADDITIONAL DEVICES AND LOCATIONS.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

* SEE CONSTRUCTION DETAIL FOR TEMPORARY GUARDRAIL AND GUARDRAIL REMOVAL FOR ADDITIONAL GUARDRAIL STAGING INFORMATION

N



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - USH 53 NB/STH 70 ENTRANCE	SHEET 127	E

LEGEND

	TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE	×	MARKING REMOVAL LINE
	WORK AREA	TW	TEMPORARY MARKING LINE 4-INCH (WHITE)
	TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)	TY	TEMPORARY MARKING LINE 4-INCH (YELLOW)
	TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)	TW8	TEMPORARY MARKING LINE 8-INCH (WHITE)
	TRAFFIC CONTROL SIGN SUPPORT	TS8	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
	DELINEATOR FLEXIBLE/TUBULAR MARKER	TSW	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	TSY	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)
	TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)		

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

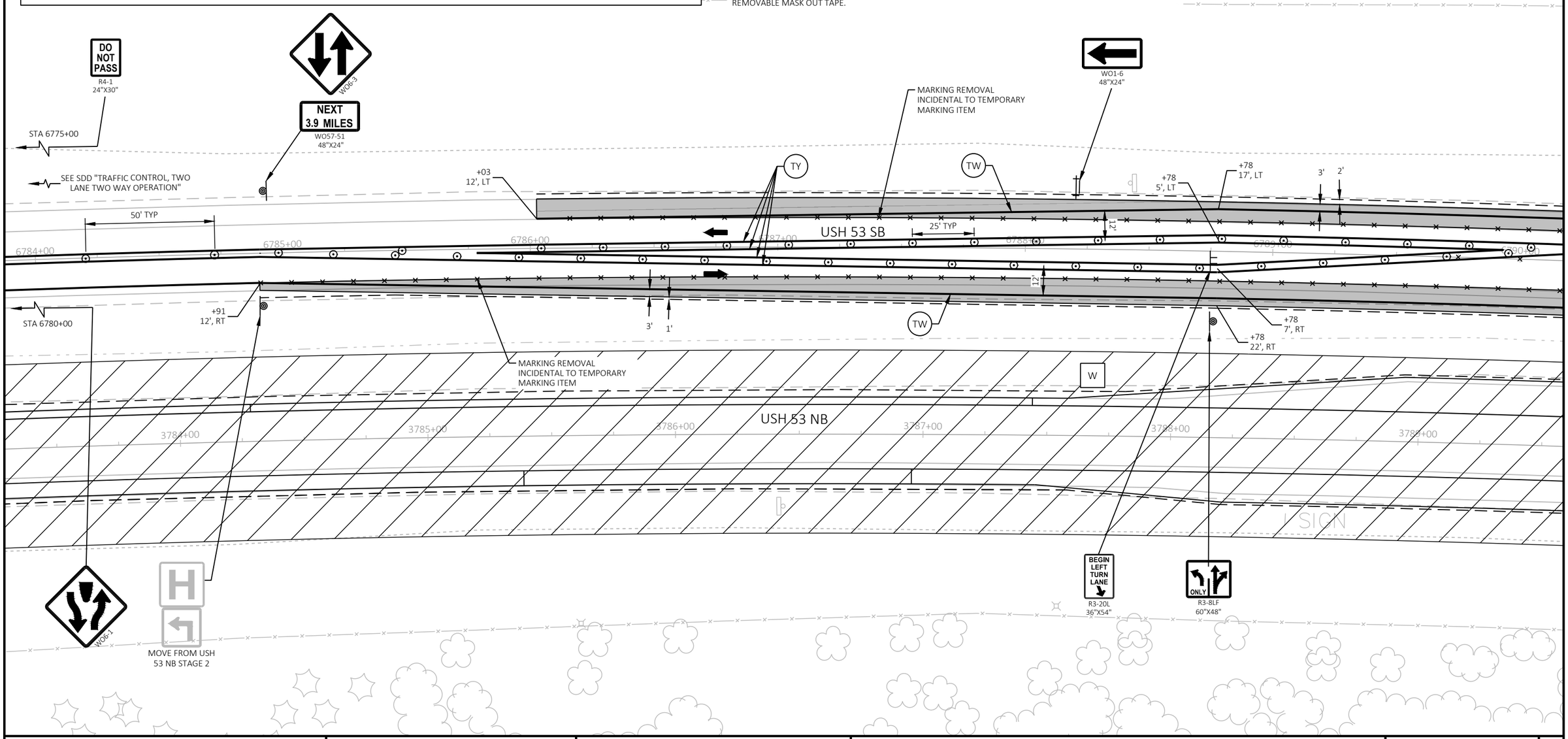
SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

W FOR USH 53 NB OVER WIDENING LOCATIONS AND LAYOUT INFORMATION, SEE STAGE 4 TRAFFIC CONTROL DETAILS.

SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

N



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - CTH H	SHEET 128	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025402 - TC - (CTH H STAGE 2).DWG
LAYOUT NAME - 01
PLOT DATE : 10/10/2022 4:19 PM
PLOT BY : NICHOLAS WIEDERIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

LEGEND

	TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE	×	MARKING REMOVAL LINE
	WORK AREA	TW	TEMPORARY MARKING LINE 4-INCH (WHITE)
	TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)	TY	TEMPORARY MARKING LINE 4-INCH (YELLOW)
	TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)	TW8	TEMPORARY MARKING LINE 8-INCH (WHITE)
	TRAFFIC CONTROL SIGN SUPPORT	TS8	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
	DELINEATOR FLEXIBLE/TUBULAR MARKER	TSW	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	TSY	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)
	TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)		

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

W FOR USH 53 NB OVER WIDENING LOCATIONS AND LAYOUT INFORMATION, SEE STAGE 4 TRAFFIC CONTROL DETAILS.

SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

N

2

USH 53 SB

USH 53 NB

CTH H

CTH H

MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM

MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM

MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM

SAWING CONCRETE AND REMOVING CURB & GUTTER

MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM

W06-2

D9-2 36"X36"

MB6-1 30"X30"

R1-1 36"X36"

R11-2 48"X30"

R11-2 48"X30"

W06-2

MOVE FROM USH 53 NB FOR STAGE 2

REMOVE, STOCKPILE, AND RE-INSTALL

+28 5', LT

+16 12', LT

+79 35', LT

+78 5', LT

+48 12', LT

+43 7', RT

+56 22', RT

+44 37', RT

+13 24', RT

25' TYP

R30'

12'

15' Typ

3790+00

3791+00

3792+00

3793+00

3794+00

3795+00

6790+00

6791+00

6792+00

6793+00

6794+00

6795+00

6796+00

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - CTH H	SHEET 129	E

2

LEGEND

	TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE	×	MARKING REMOVAL LINE
	WORK AREA	TW	TEMPORARY MARKING LINE 4-INCH (WHITE)
	TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)	TY	TEMPORARY MARKING LINE 4-INCH (YELLOW)
	TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)	TW8	TEMPORARY MARKING LINE 8-INCH (WHITE)
	TRAFFIC CONTROL SIGN SUPPORT	TS8	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
	DELINEATOR FLEXIBLE/TUBULAR MARKER	TSW	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	TSY	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)
	TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)		

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

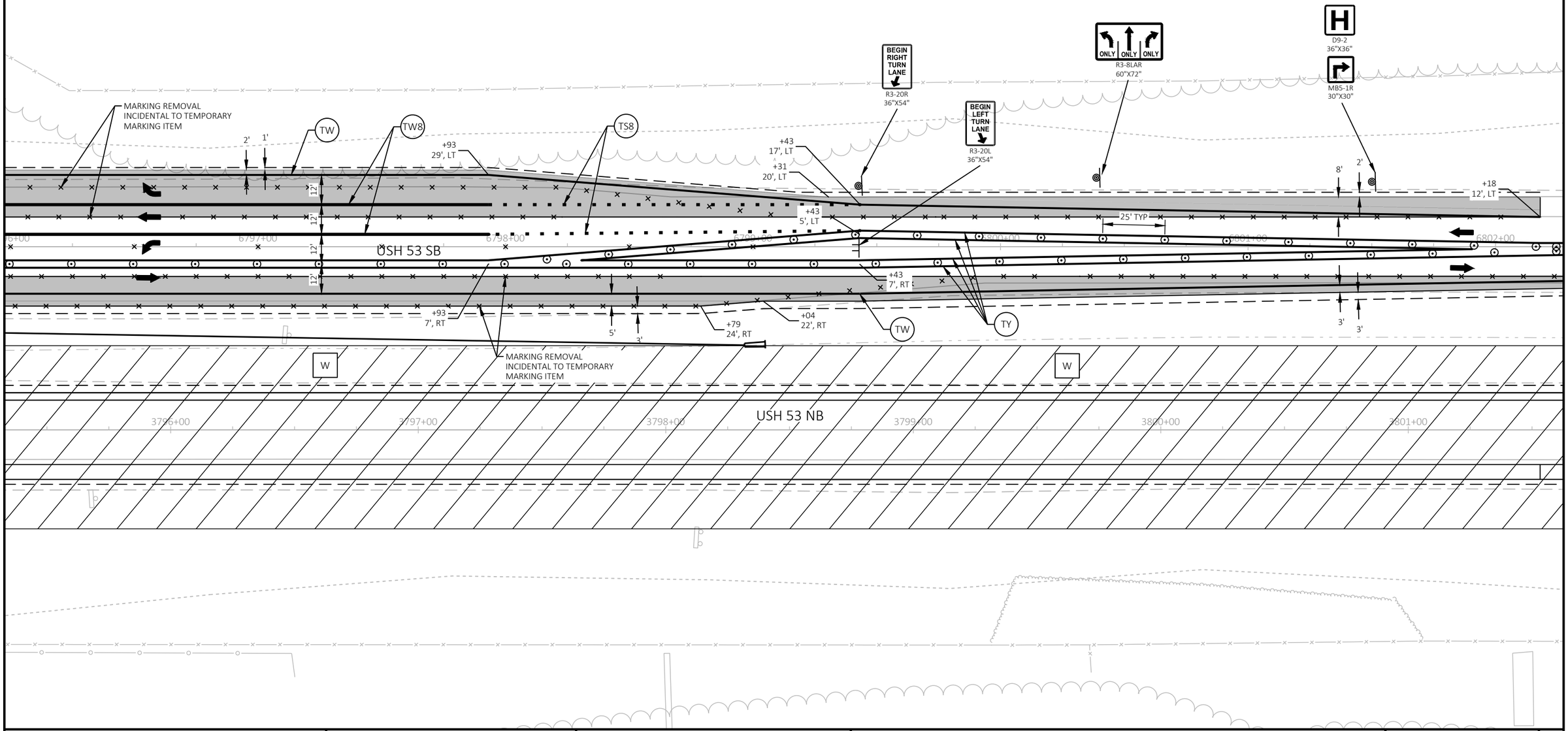
SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

W FOR USH 53 NB OVER WIDENING LOCATIONS AND LAYOUT INFORMATION, SEE STAGE 4 TRAFFIC CONTROL DETAILS.

SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

N



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - CTH H	SHEET 130	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025402 - TC - (CTH H STAGE 2).DWG
LAYOUT NAME - 03
PLOT DATE : 10/10/2022 4:19 PM
PLOT BY : NICHOLAS WIEDERIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- × MARKING REMOVAL LINE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TS8) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT THE PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

(W) FOR USH 53 NB OVER WIDENING LOCATIONS AND LAYOUT INFORMATION, SEE STAGE 4 TRAFFIC CONTROL DETAILS.

SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

N

2

R3-8LAR 60"X72"

D9-2 36"X36"

MB5-1R 30"X30"

MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM

TW

8'

2'

+18 12', LT

25' TYP

6800+00 6801+00 6802+00 6803+00 6804+00 6805+00 6806+00

USH 53 SB

12'

12'

50' TYP

WO6-1

SEE SDD "TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION"

STA 6808+00

3' 3'

+28 12', RT

TW

STA 6813+00

W

MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM

3800+00 3801+00 3802+00 3803+00 3804+00 3805+00

USH 53 NB

DO NOT PASS R4-1 36"X48"

WO6-3

NEXT 1.6 MILES WO57-51 48"X24"

SIGN

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - CTH H	SHEET 131	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025402 - TC - (CTH H STAGE 2).DWG
LAYOUT NAME - 04

PLOT DATE : 10/10/2022 4:20 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT RECONSTRUCTED IN CURRENT STAGE DURING RAMP CLOSURE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

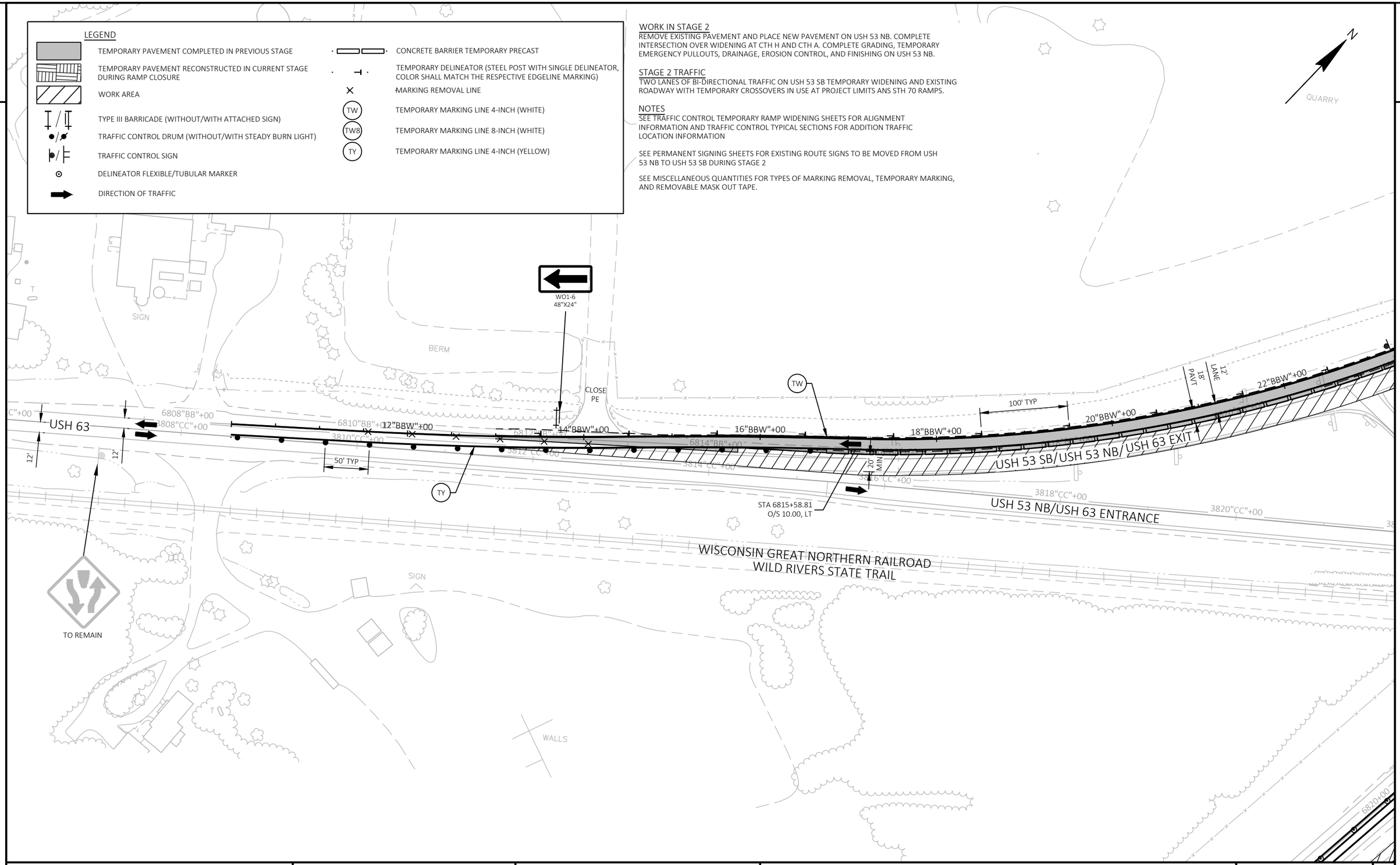
TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS ANS STH 70 RAMPS.

NOTES

SEE TRAFFIC CONTROL TEMPORARY RAMP WIDENING SHEETS FOR ALIGNMENT INFORMATION AND TRAFFIC CONTROL TYPICAL SECTIONS FOR ADDITION TRAFFIC LOCATION INFORMATION

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - USH 53 NB&SB/USH 63 EXIT	SHEET 132	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025403 - TC - (PM USH 63 STAGE 2).DWG
LAYOUT NAME - 01
PLOT DATE : 10/10/2022 5:06 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT RECONSTRUCTED IN CURRENT STAGE DURING RAMP CLOSURE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION AND TRAFFIC CONTROL TYPICAL SECTIONS FOR ADDITION TRAFFIC LOCATION INFORMATION.

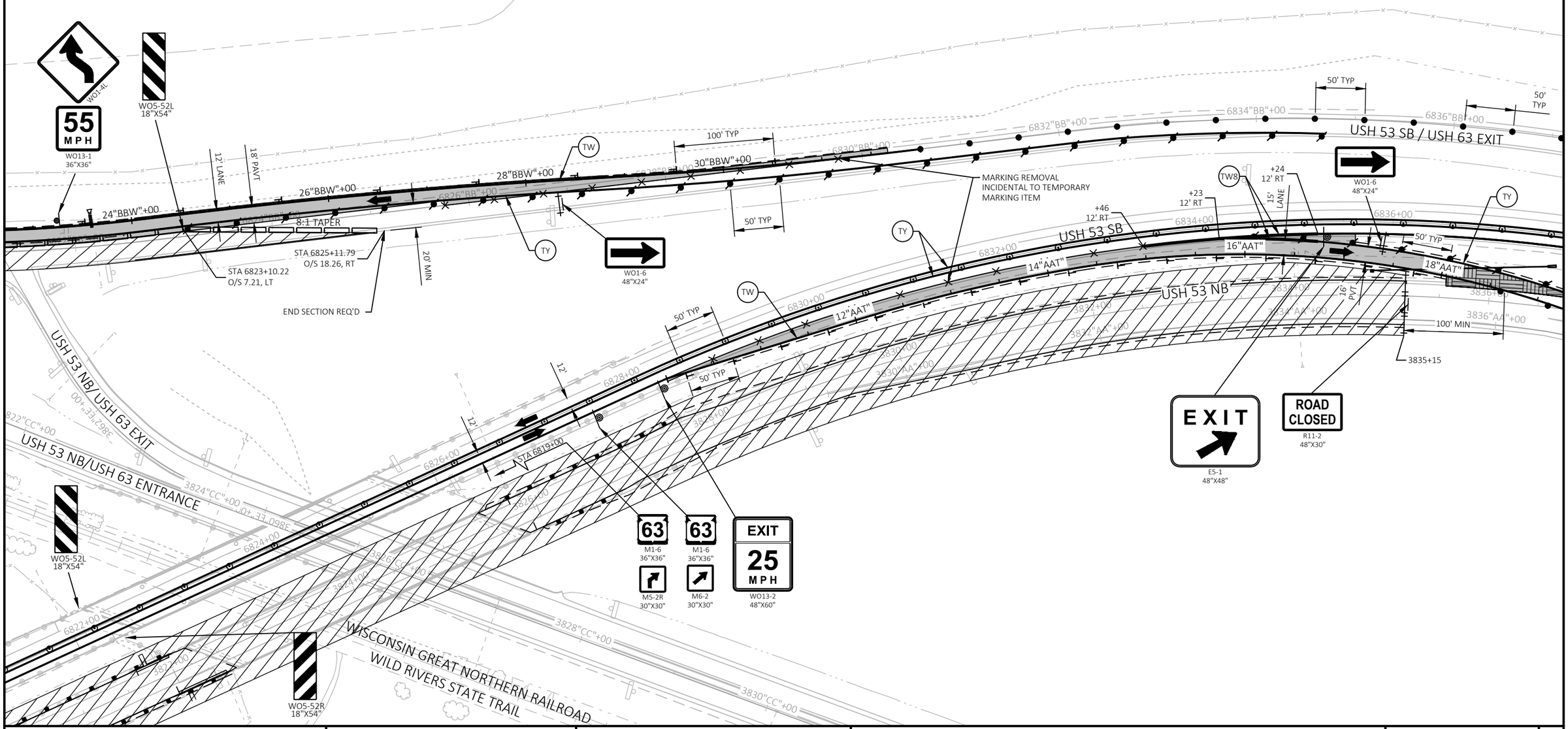
ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT UNLESS FULL STATION IS SHOWN.

SEE SDD'S "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H. WITH BARRIER" AND "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" FOR ADDITIONAL DEVICES AND LOCATIONS.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

N



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - USH 53 NB&SB/USH 63 EXIT	SHEET 133	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025403 - TC - (PM USH 63 STAGE 2).DWG
LAYOUT NAME - 02

PLOT DATE : 10/10/2022 5:07 PM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT RECONSTRUCTED IN CURRENT STAGE DURING RAMP CLOSURE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WO1-4R

55 MPH
WO13-1
36"X36"

ROAD CLOSED
R11-2
48"X30"

USH 53 SB / USH 63 EXIT
USH 53 SB
USH 53 NB
USH 53 NB/ USH 63 EXIT
USH 53 SB/USH 63 ENTRANCE
USH 53 NB/USH 63 ENTRANCE

6836"BB"+00
6838"BB"+00
6840"BB"+00
6842"BB"+00
6844"BB"+00
6846"BB"+00
6848"BB"+00
6850"BB"+00
6836+00
6838+00
6840+00
6842+00
6844+00
6846+00
6848+00
6850+00
3836"AA"+00
3838"AA"+00
3840"AA"+00
3842"AA"+00
3844"AA"+00
3846"AA"+00
3836"CC"+00
3838"CC"+00
3840"CC"+00
3842"CC"+00
3844"CC"+00
3846"CC"+00
3836"DD"+00
3838"DD"+00
3840"DD"+00
3842"DD"+00
3844"DD"+00
3846"DD"+00
3848"DD"+00
3850"DD"+00

50' TYP
12'
3839+09
100' MIN
+57
27' RT
18"AAT"
20"AAT"
22"AAT"
TW
TY
MARKING REMOVAL INCIDENTAL TO TEMPORARY MARKING ITEM
3835+15

RAMP CLOSED
R11-2R
48"X30"
STAGE 2 WORK AREA
RAMP CLOSED IN STAGE 2
25' TYP
RAMP CLOSED IN STAGE 2 DURING CONSTRUCTION OF RAMP AND PART OF NB USH 53
STAGE 2 WORK AREA (DURING RAMP CLOSURE)
LOCATION OF TRAFFIC IN STAGE 2 WHEN USH 53 NB/USH 63 ENTRANCE IS OPEN

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION AND TRAFFIC CONTROL TYPICAL SECTIONS FOR ADDITION TRAFFIC LOCATION INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD'S "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H. WITH BARRIER" AND "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" FOR ADDITIONAL DEVICES AND LOCATIONS.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - USH 53 NB&SB/USH 63 EXIT	SHEET 134	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025403 - TC - (PM USH 63 STAGE 2).DWG
LAYOUT NAME - 03
PLOT DATE : 10/10/2022 5:07 PM
PLOT BY : NICHOLAS WIEDERIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT RECONSTRUCTED IN CURRENT STAGE DURING RAMP CLOSURE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

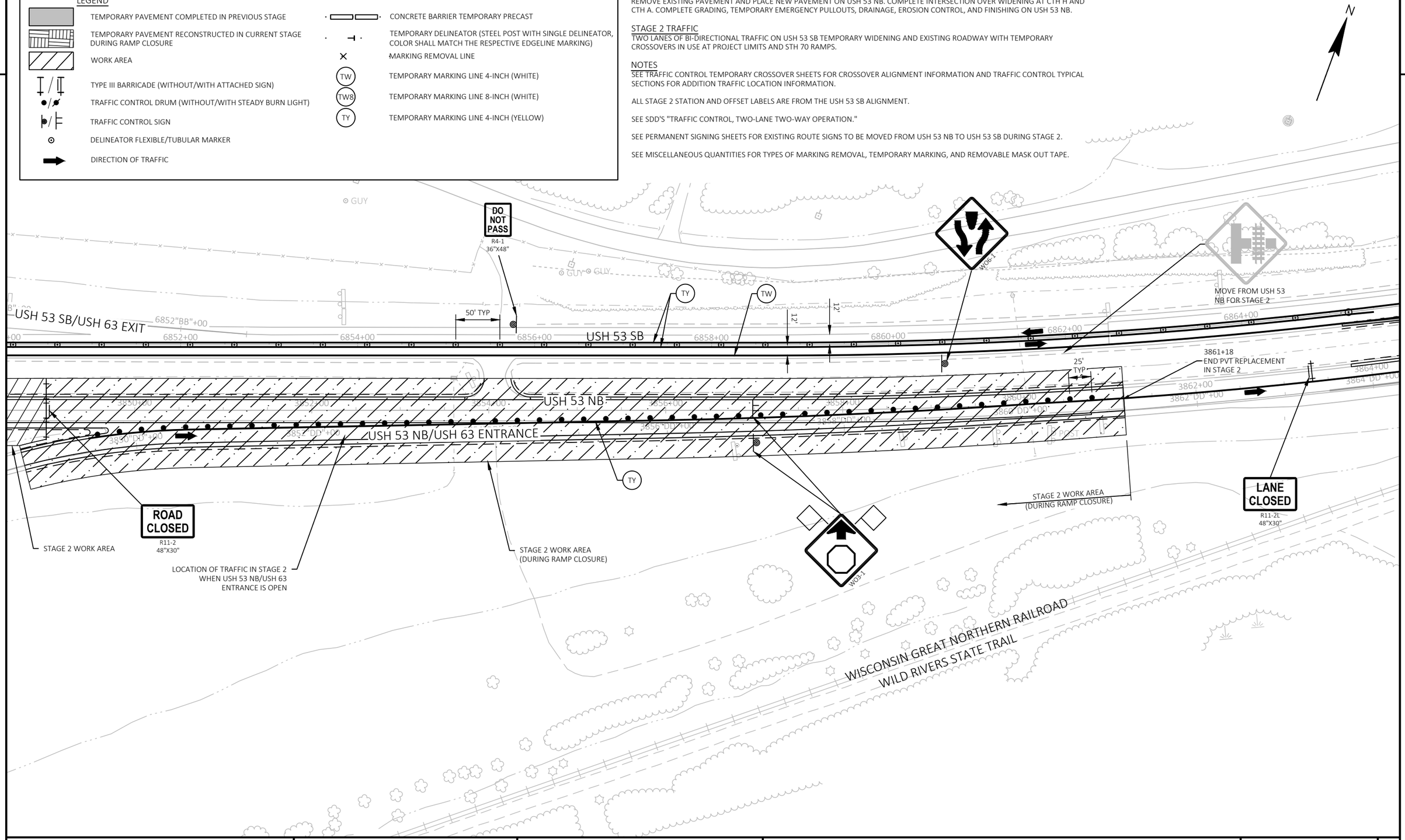
SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION AND TRAFFIC CONTROL TYPICAL SECTIONS FOR ADDITION TRAFFIC LOCATION INFORMATION.

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD'S "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION."

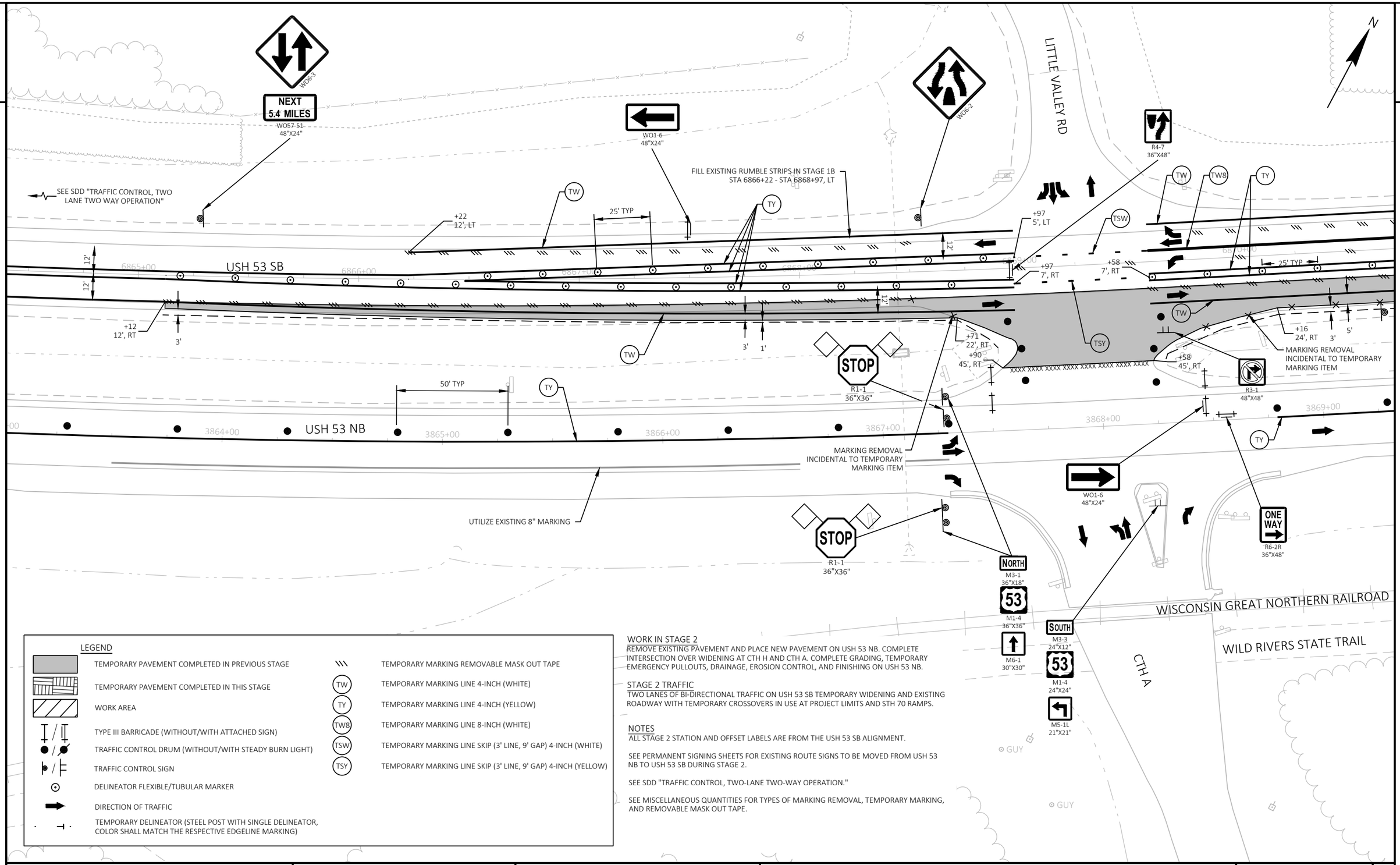
SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - USH 53 NB&SB/USH 63 EXIT	SHEET 135	E

2



LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT COMPLETED IN THIS STAGE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION."

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - CTH A	SHEET 136	E

2

FILL EXISTING RUMBLE STRIPS IN STAGE 1B
STA 6871+08 - STA 6876+83, LT

EXISTING GUARDRAIL TO REMAIN

R3-8LF
60"X48"

R3-20L
36"X54"

BEGIN LEFT TURN LANE

TW

TW8

TY

USH 53 SB

12'

+58
7', RT

+85
12', RT

+75
12', RT

25'

3'

5'

R3-1
48"X48"

MARKING REMOVAL
INCIDENTAL TO TEMPORARY
MARKING ITEM

50' TYP

USH 53 NB

ONE WAY
R6-2R
36"X48"

WO6-2

WO1-6
48"X24"

LANE CLOSED
R11-2L
48"X30"

WISCONSIN GREAT NORTHERN RAILROAD

WILD RIVERS STATE TRAIL

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT COMPLETED IN THIS STAGE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION."

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

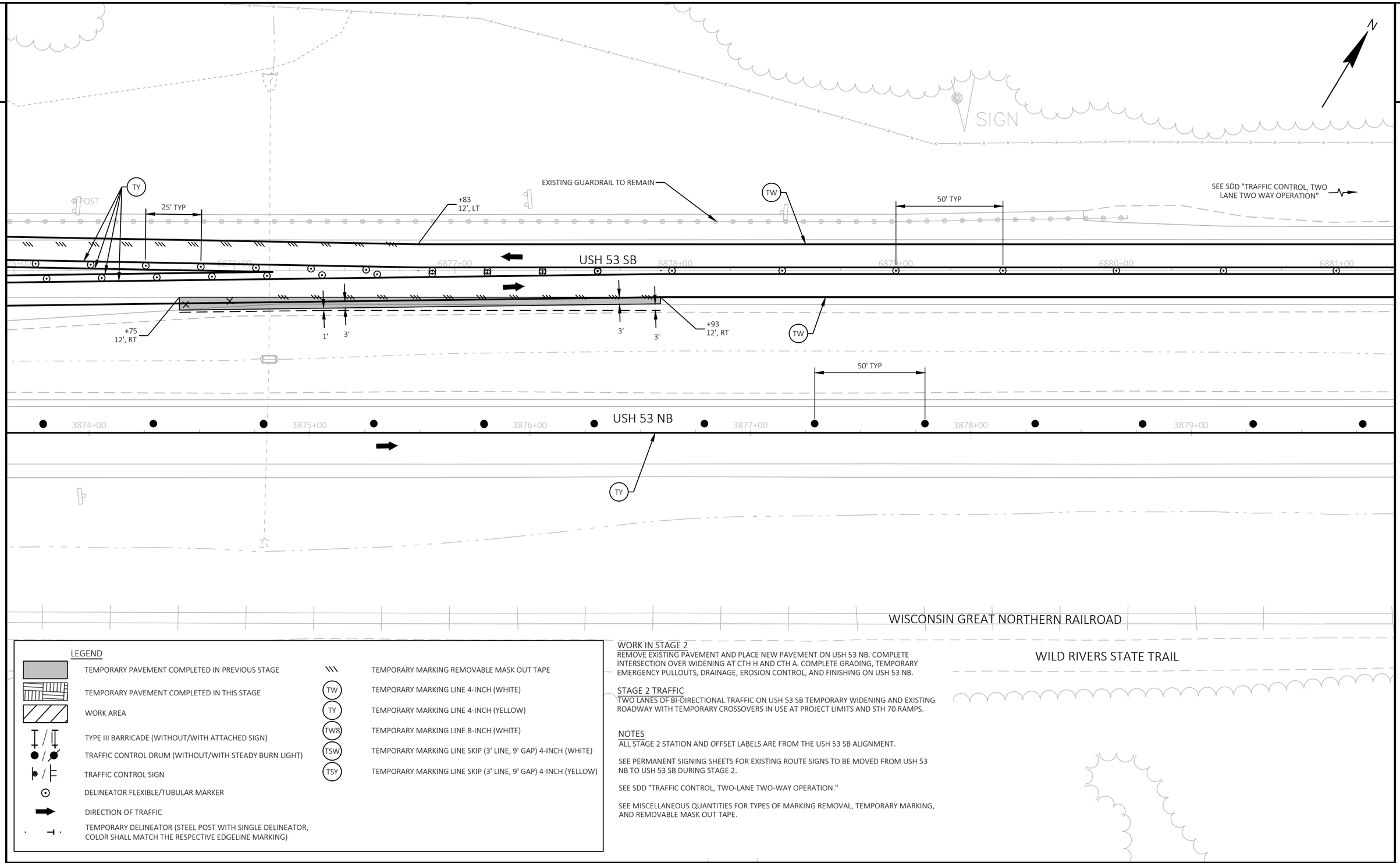
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - CTH A	SHEET 137	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025404 - TC - CTH A STAGE 2.DWG
LAYOUT NAME - 02

PLOT DATE : 10/11/2022 8:42 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT COMPLETED IN THIS STAGE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION."

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - CTH A	SHEET 138	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025404 - TC - CTH A STAGE 2.DWG
LAYOUT NAME - 03
PLOT DATE : 10/11/2022 8:42 AM
PLOT BY : NICHOLAS WIEDERIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

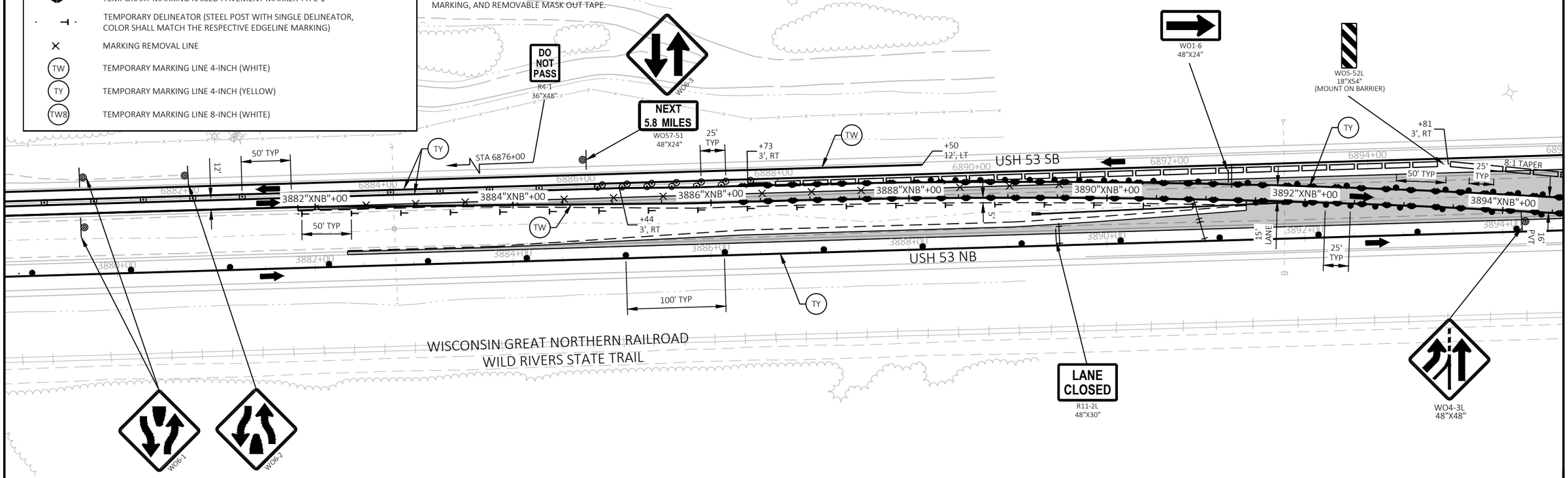
TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS. USH 53 NB/USH 63 NB ENTRANCE RAMP TRAFFIC WILL USE THE OUTSIDE LANE OF USH 53 NB UNTIL THE END OF THE NORTH CROSSOVER LIMITS.

NOTE

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 139	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025405 - TC - PM NORTH XO STAGE 2.DWG
LAYOUT NAME - 01

PLOT DATE : 4/8/2022 8:19 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)

WORK IN STAGE 2

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 NB. COMPLETE INTERSECTION OVER WIDENING AT CTH H AND CTH A. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 NB.

STAGE 2 TRAFFIC

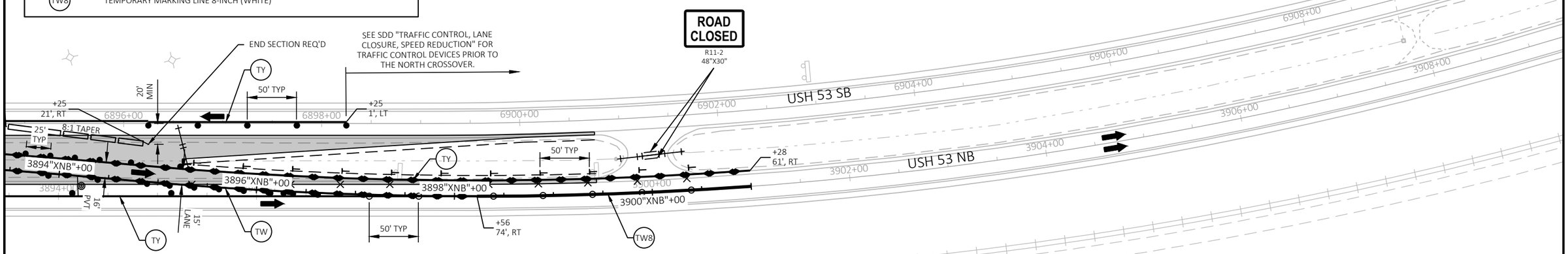
TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS. USH 53 NB/USH 63 NB ENTRANCE RAMP TRAFFIC WILL USE THE OUTSIDE LANE OF USH 53 NB UNTIL THE END OF THE NORTH CROSSOVER LIMITS.

NOTES

ALL STAGE 2 STATION AND OFFSET LABELS ARE FROM THE USH 53 SB ALIGNMENT.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER," "TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER" AND "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 140	E

LEGEND

- EXISTING PAVEMENT COMPLETED BY OTHERS AND PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- MARKING REMOVAL LINE OR REMOVABLE MASKED OUT TAPE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, BRIDGE REHABILITATION, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

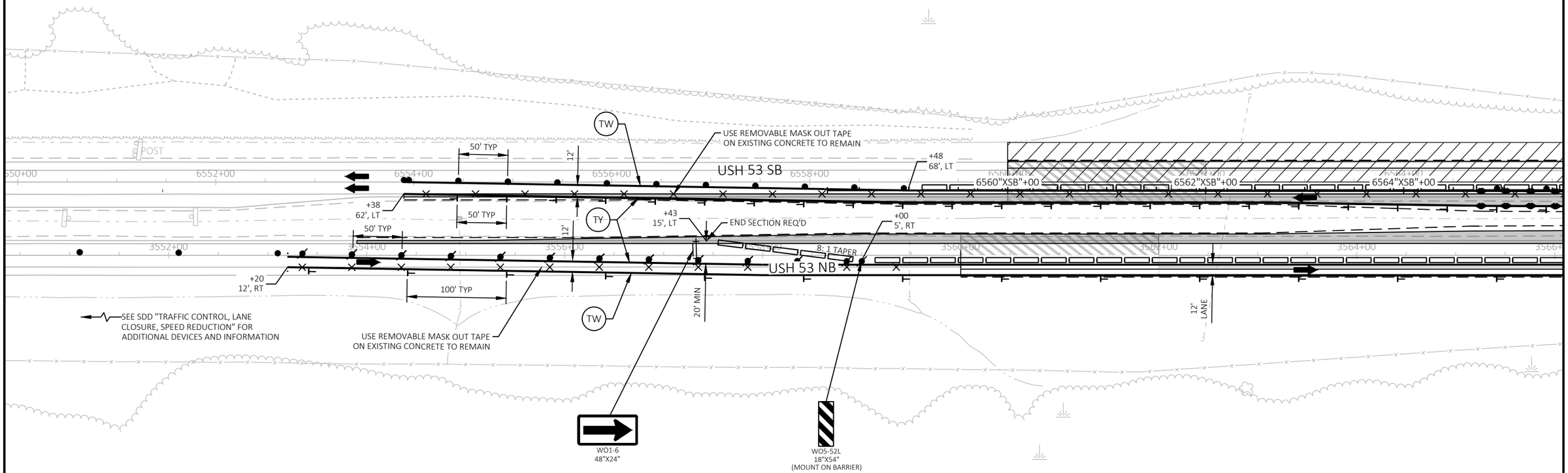
NOTES

SAWING AND REMOVAL OF TEMPORARY OVER WIDENING WILL BE COMPLETED IN STAGE 5.

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 141	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025500 - TC - (PM X-OVER S4).DWG
LAYOUT NAME - 01

PLOT DATE : 4/8/2022 8:21 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- EXISTING PAVEMENT COMPLETED BY OTHERS AND PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- MARKING REMOVAL LINE OR REMOVABLE MASKED OUT TAPE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, BRIDGE REHABILITATION, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

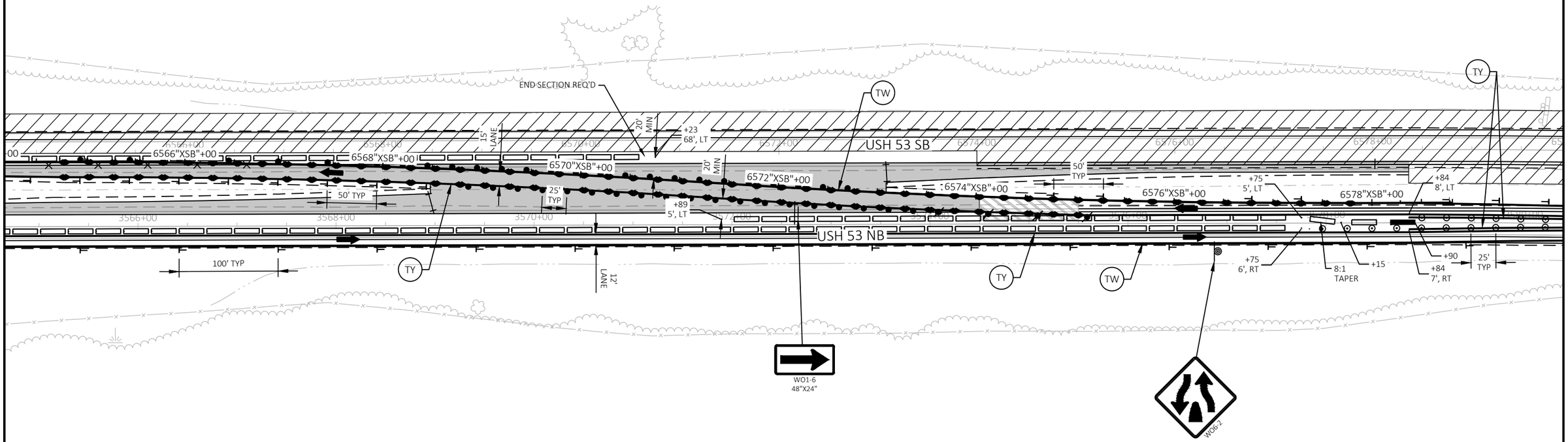
NOTES

SAWING AND REMOVAL OF TEMPORARY OVER WIDENING WILL BE COMPLETED IN STAGE 5.

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 142	E

LEGEND

- EXISTING PAVEMENT COMPLETED BY OTHERS AND PREVIOUS STAGES
- EXISTING FULL DEPTH ASPHALTIC PAVEMENT
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- MARKING REMOVAL LINE OR REMOVABLE MASKED OUT TAPE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, BRIDGE REHABILITATION, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

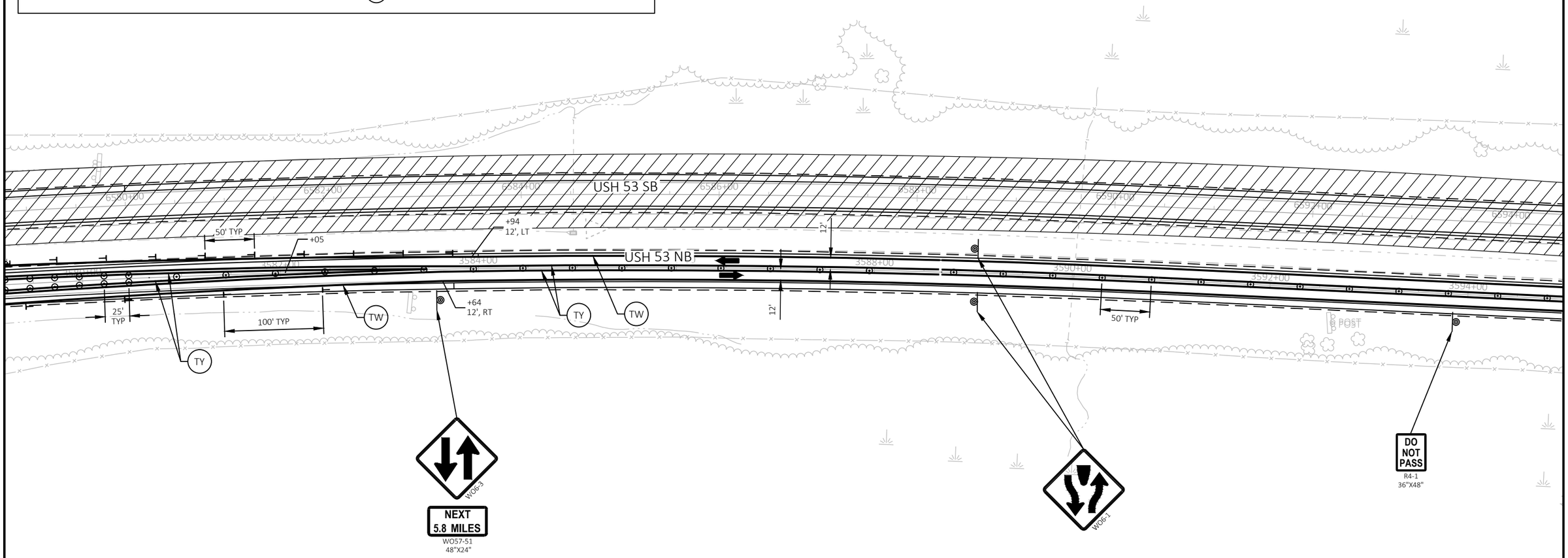
NOTES

SAWING AND REMOVAL OF TEMPORARY OVER WIDENING WILL BE COMPLETED IN STAGE 5.

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 143	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025500 - TC - (PM X-OVER S4).DWG
LAYOUT NAME - 03

PLOT DATE : 4/8/2022 8:22 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT RECONSTRUCTED IN CURRENT STAGE DURING RAMP CLOSURE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

SAWING AND REMOVAL OF TEMPORARY OVER WIDENING WILL BE COMPLETED IN STAGE 5.

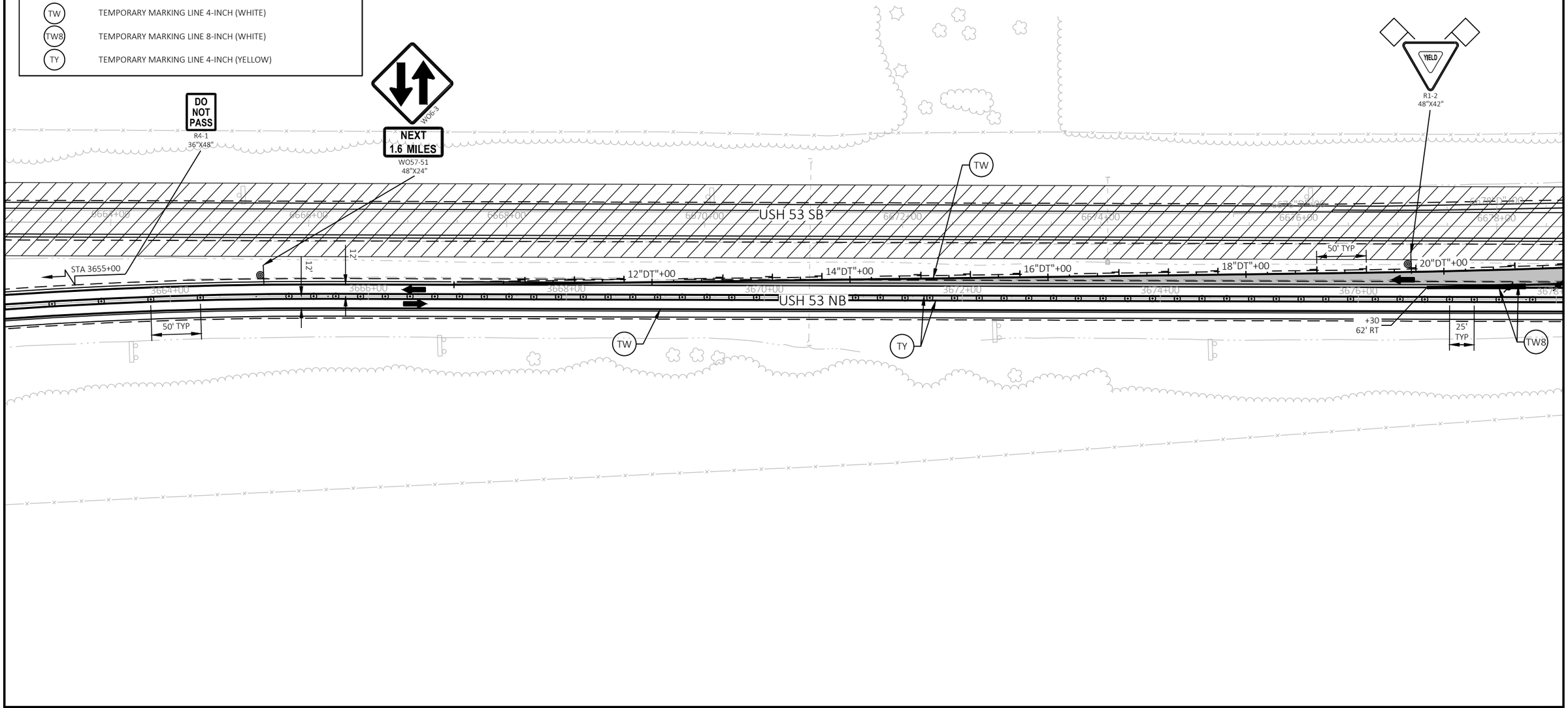
ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT.

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION AND TRAFFIC CONTROL TYPICAL SECTIONS FOR ADDITIONAL TRAFFIC LOCATION INFORMATION.

SEE SDD'S "TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER," "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" AND "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION" FOR ADDITIONAL DEVICES AND LOCATIONS.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

N



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - USH 53 SB/STH 70 ENTRANCE	SHEET 144	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025501 - TC - (STH 70 STAGE 4).DWG
LAYOUT NAME - 01

PLOT DATE : 4/8/2022 8:24 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT RECONSTRUCTED IN CURRENT STAGE DURING RAMP CLOSURE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

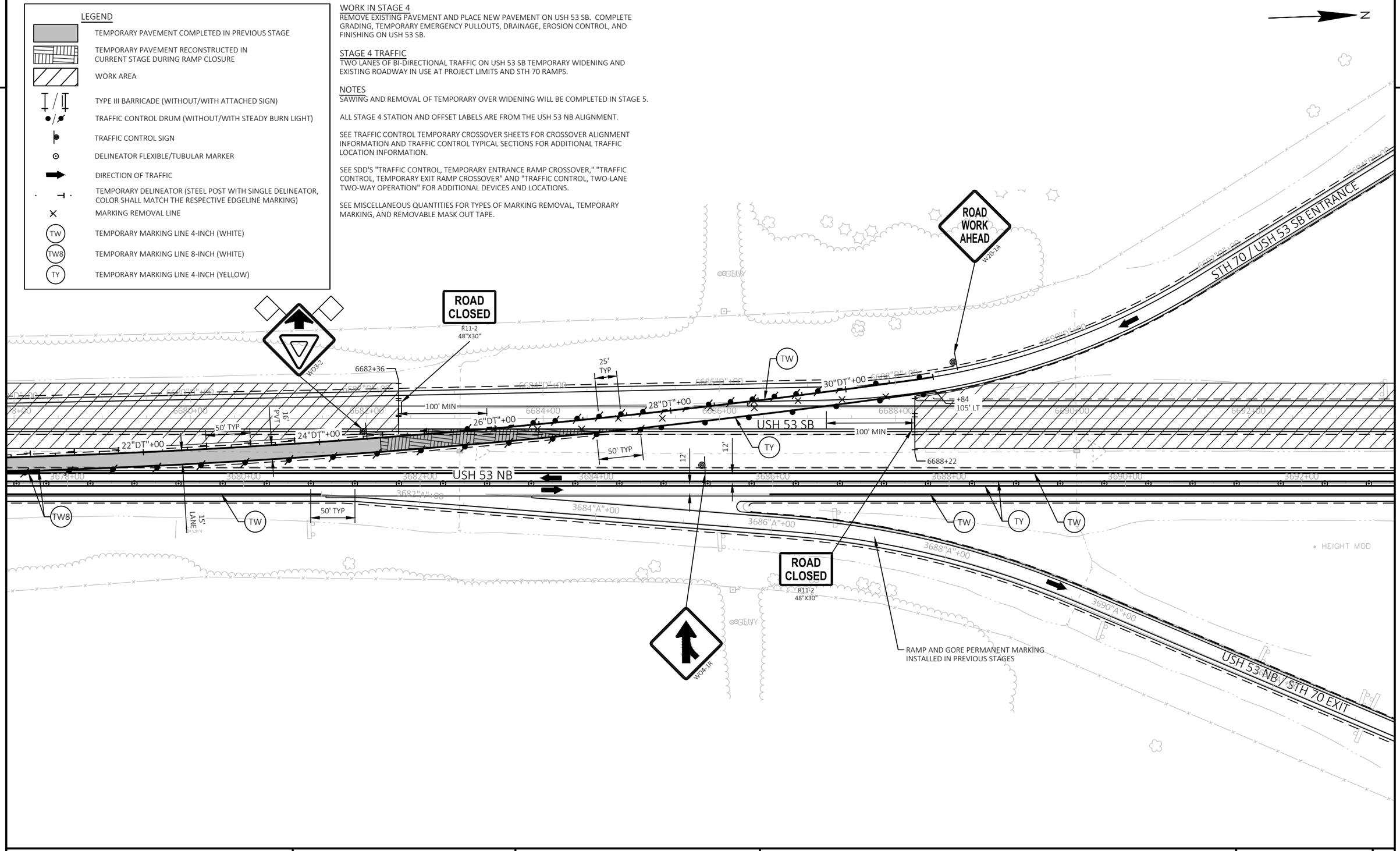
SAWING AND REMOVAL OF TEMPORARY OVER WIDENING WILL BE COMPLETED IN STAGE 5.

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT.

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION AND TRAFFIC CONTROL TYPICAL SECTIONS FOR ADDITIONAL TRAFFIC LOCATION INFORMATION.

SEE SDD'S "TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER," "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" AND "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION" FOR ADDITIONAL DEVICES AND LOCATIONS.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



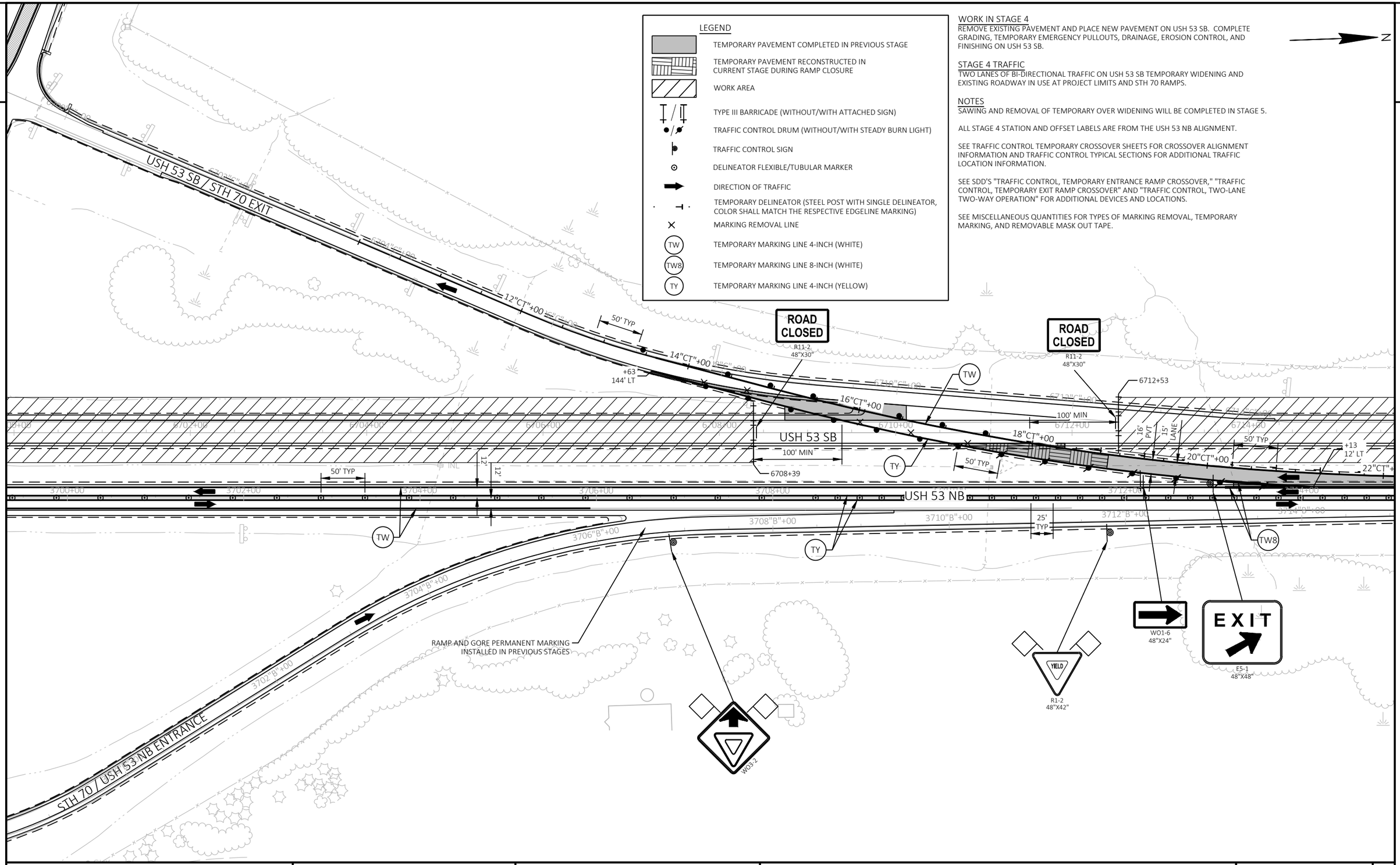
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - USH 53 SB/STH 70 ENTRANCE	SHEET 145	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025501 - TC - (STH 70 STAGE 4).DWG
LAYOUT NAME - 02

PLOT DATE : 4/8/2022 8:25 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - USH 53 SB/STH 70 EXIT	SHEET 146	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025501 - TC - (STH 70 STAGE 4).DWG
LAYOUT NAME - 04

PLOT DATE : 4/8/2022 8:25 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT RECONSTRUCTED IN CURRENT STAGE DURING RAMP CLOSURE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

SAWING AND REMOVAL OF TEMPORARY OVER WIDENING WILL BE COMPLETED IN STAGE 5.

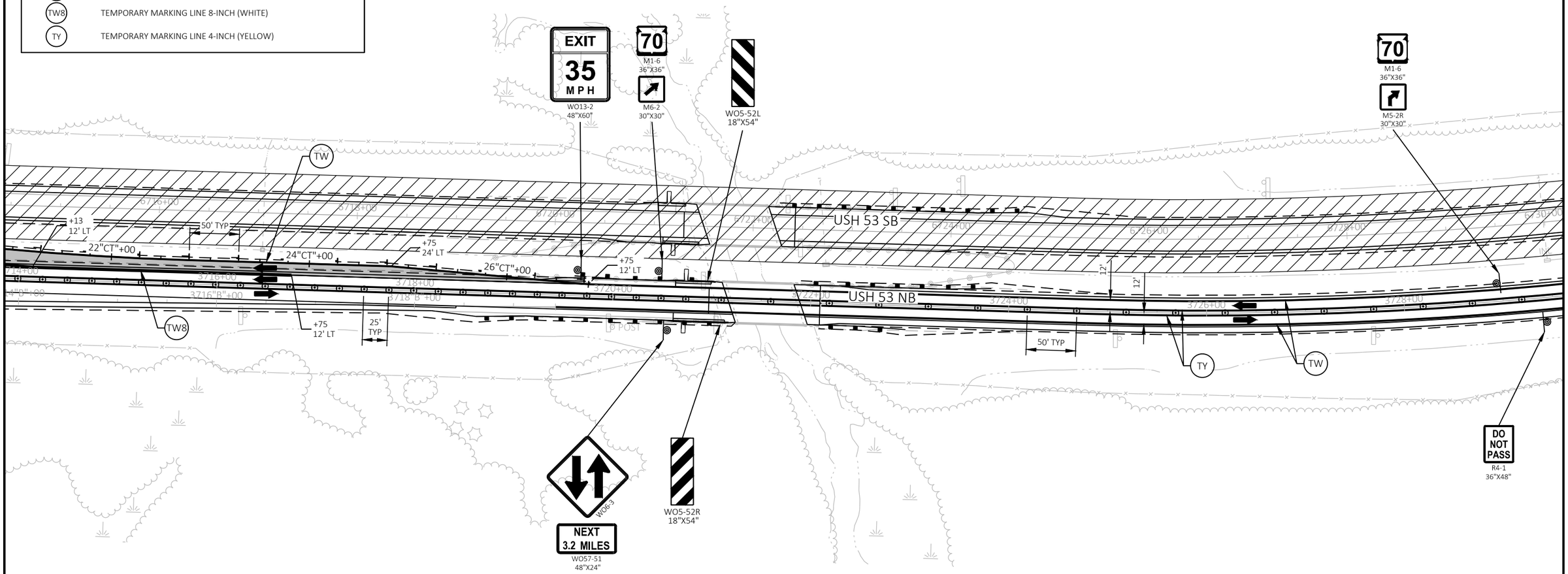
ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT.

SEE TRAFFIC CONTROL TEMPORARY CROSSOVER SHEETS FOR CROSSOVER ALIGNMENT INFORMATION AND TRAFFIC CONTROL TYPICAL SECTIONS FOR ADDITIONAL TRAFFIC LOCATION INFORMATION.

SEE SDD'S "TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER," "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" AND "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION" FOR ADDITIONAL DEVICES AND LOCATIONS.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

N



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - USH 53 SB/STH 70 EXIT	SHEET 147	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025501 - TC - (STH 70 STAGE 4).DWG
LAYOUT NAME - 05

PLOT DATE : 4/8/2022 8:26 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

DO NOT PASS
R4-1
36"X48"

W06-3

NEXT 3.8 MILES
WO57-51
48"X24"

USH 53 SB

6785+00 6786+00 6787+00 6788+00 6789+00 6790+00

STA 3774+00

STA 3779+00

+29
12', LT

TW

3' 1'

+14
22', LT

+48
22', LT

+64
7', LT

25' TYP

12'

3784+00 3785+00 3786+00 3787+00 3788+00 3789+00 3790+00

USH 53 NB

+39
12', RT

12'

+14
5', RT

25' TYP

12' 12'

STA 3779+00

TW

TY

I SIGN

TW8

SEE SDD "TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION"

W06-1

ONLY
R3-8LF
60"X48"

BEGIN LEFT TURN LANE
R3-20L
36"X54"

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES *
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TS8) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND TEMPORARY PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, PAVEMENT, BRIDGE REHABILITATION, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 NB TEMPORARY WIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT.

* SAWING AND REMOVAL OF TEMPORARY OVER WIDENING WILL BE COMPLETED IN STAGE 5.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

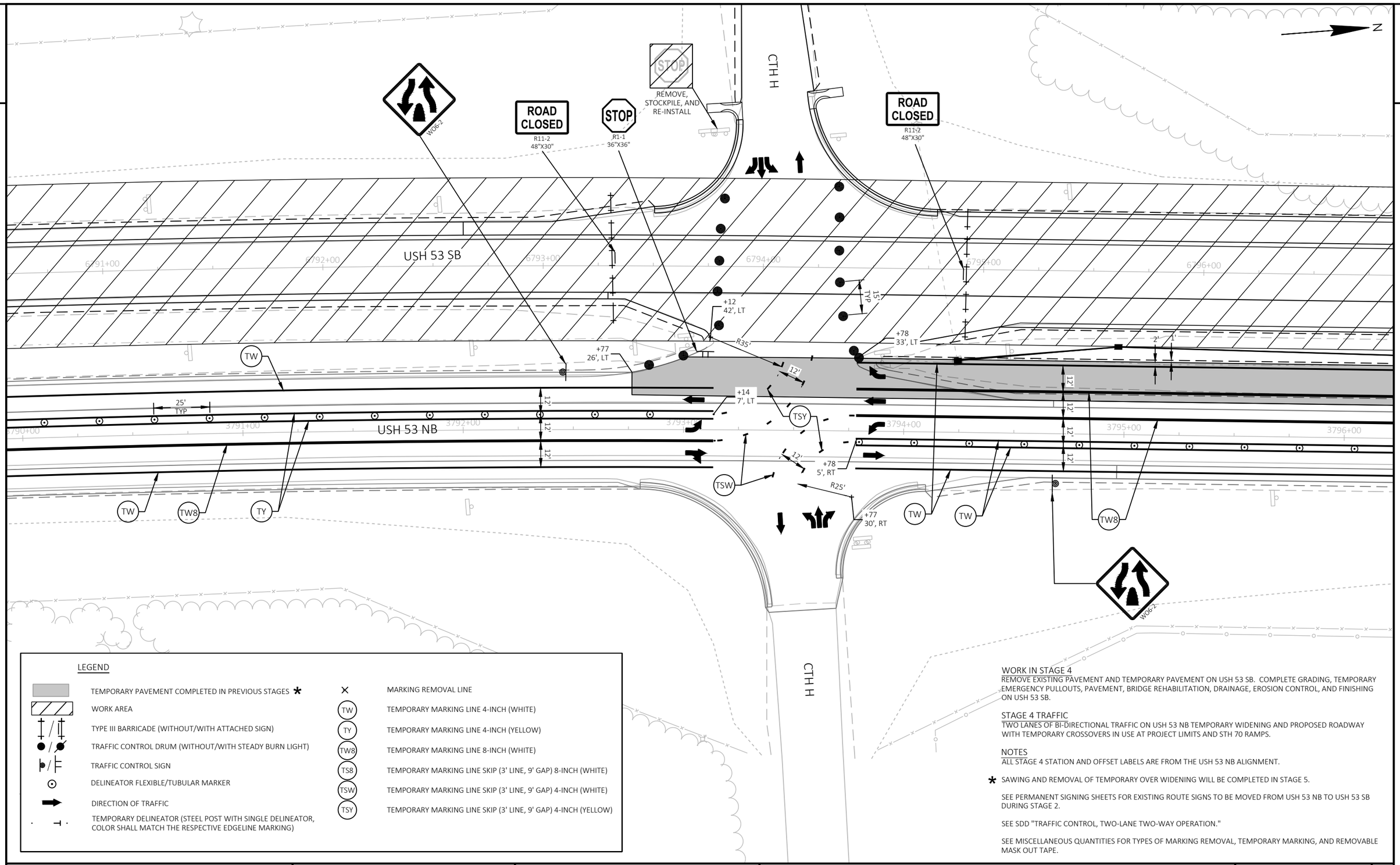
SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION."

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - CTH H	SHEET 148	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025502 - TC - (CTH H STAGE 4).DWG
LAYOUT NAME - 01
PLOT DATE : 2/24/2022 10:47 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2



LEGEND

	TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES *	×	MARKING REMOVAL LINE
	WORK AREA	TW	TEMPORARY MARKING LINE 4-INCH (WHITE)
	TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)	TY	TEMPORARY MARKING LINE 4-INCH (YELLOW)
	TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)	TW8	TEMPORARY MARKING LINE 8-INCH (WHITE)
	TRAFFIC CONTROL SIGN	TS8	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
	DELINEATOR FLEXIBLE/TUBULAR MARKER	TSW	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	TSY	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)
	TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)		

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND TEMPORARY PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, PAVEMENT, BRIDGE REHABILITATION, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 NB TEMPORARY WIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT.

* SAWING AND REMOVAL OF TEMPORARY OVER WIDENING WILL BE COMPLETED IN STAGE 5.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION."

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - CTH H	SHEET 149	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025502 - TC - (CTH H STAGE 4).DWG
LAYOUT NAME - 02
PLOT DATE : 10/17/2022 10:07 AM
PLOT BY : LINDSEY CHANNEL
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

N

USH 53 SB

USH 53 NB

6797+00 6798+00 6799+00 6800+00 6801+00 6802+00

3796+00 3797+00 3798+00 3799+00 3800+00 3801+00 3802+00

+28
31', LT

+66
22', LT

+78
19', LT

+28
5', RT

+78
7', LT

+78
5', RT

+53
12', RT

12'

3'

1'

25'
TYP

TW8

TS8

TW

TY

BEGIN LEFT TURN LANE
R3-20L
36"X54"

BEGIN RIGHT TURN LANE
R3-20R
36"X54"

ONLY ONLY ONLY
R3-8LAR
60"X72"

LEGEND

TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES *	MARKING REMOVAL LINE
WORK AREA	TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)	TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)
TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)	TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
TRAFFIC CONTROL SIGN	TS8 — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
DELINEATOR FLEXIBLE/TUBULAR MARKER	TSW — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
DIRECTION OF TRAFFIC	TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)
TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)	

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND TEMPORARY PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, PAVEMENT, BRIDGE REHABILITATION, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 NB TEMPORARY WIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT.

* SAWING AND REMOVAL OF TEMPORARY OVER WIDENING WILL BE COMPLETED IN STAGE 5.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION."

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - CTH H	SHEET 150	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025502 - TC - (CTH H STAGE 4).DWG
LAYOUT NAME - 03

PLOT DATE : 2/24/2022 10:48 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

N

ONLY ONLY ONLY
R3-8LAR
60"X72"

W06-4

USH 53 SB

6801+00 6802+00 6803+00 6804+00 6805+00 6806+00

STA 3808+00

3' 1'

12'

+63
12', LT

25' TYP

TW

USH 53 NB

50' TYP

12'

12'

3800+00 3801+00 3802+00 3803+00 3804+00 3805+00

+53
12', RT

STA 3811+50

SEE SDD "TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION"

TY

TW

W06-3

NEXT
1.6 MILES
WO57-51
48"X24"

DO NOT PASS
R4-1
36"X48"

SIGN

LEGEND

	TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES *	×	MARKING REMOVAL LINE
	WORK AREA	TW	TEMPORARY MARKING LINE 4-INCH (WHITE)
	TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)	TY	TEMPORARY MARKING LINE 4-INCH (YELLOW)
	TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)	TW8	TEMPORARY MARKING LINE 8-INCH (WHITE)
	TRAFFIC CONTROL SIGN	TS8	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 8-INCH (WHITE)
	DELINEATOR FLEXIBLE/TUBULAR MARKER	TSW	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	TSY	TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)
	TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)		

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND TEMPORARY PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, PAVEMENT, BRIDGE REHABILITATION, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 NB TEMPORARY WIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT.

* SAWING AND REMOVAL OF TEMPORARY OVER WIDENING WILL BE COMPLETED IN STAGE 5.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION."

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - CTH H	SHEET 151	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025502 - TC - (CTH H STAGE 4).DWG
LAYOUT NAME - 04
PLOT DATE : 2/24/2022 10:49 AM
PLOT BY : ADMIN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE AND RECONSTRUCTED IN CURRENT STAGE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

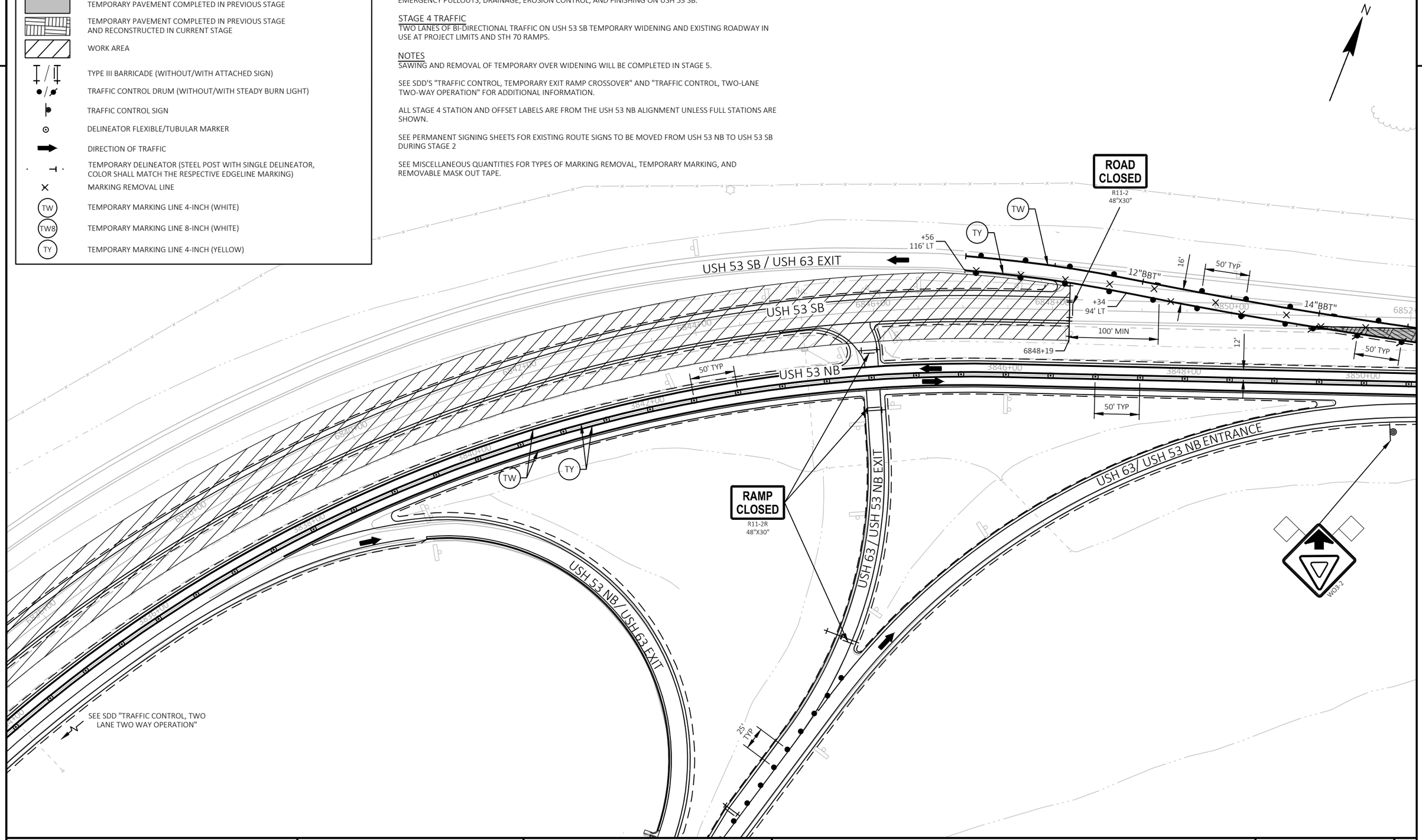
SAWING AND REMOVAL OF TEMPORARY OVER WIDENING WILL BE COMPLETED IN STAGE 5.

SEE SDD'S "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" AND "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION" FOR ADDITIONAL INFORMATION.

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT UNLESS FULL STATIONS ARE SHOWN.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - USH 53 SB/USH 63 EXIT	SHEET 152	E

2

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE AND RECONSTRUCTED IN CURRENT STAGE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE 8-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND PLACE NEW PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 SB TEMPORARY WIDENING AND EXISTING ROADWAY IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

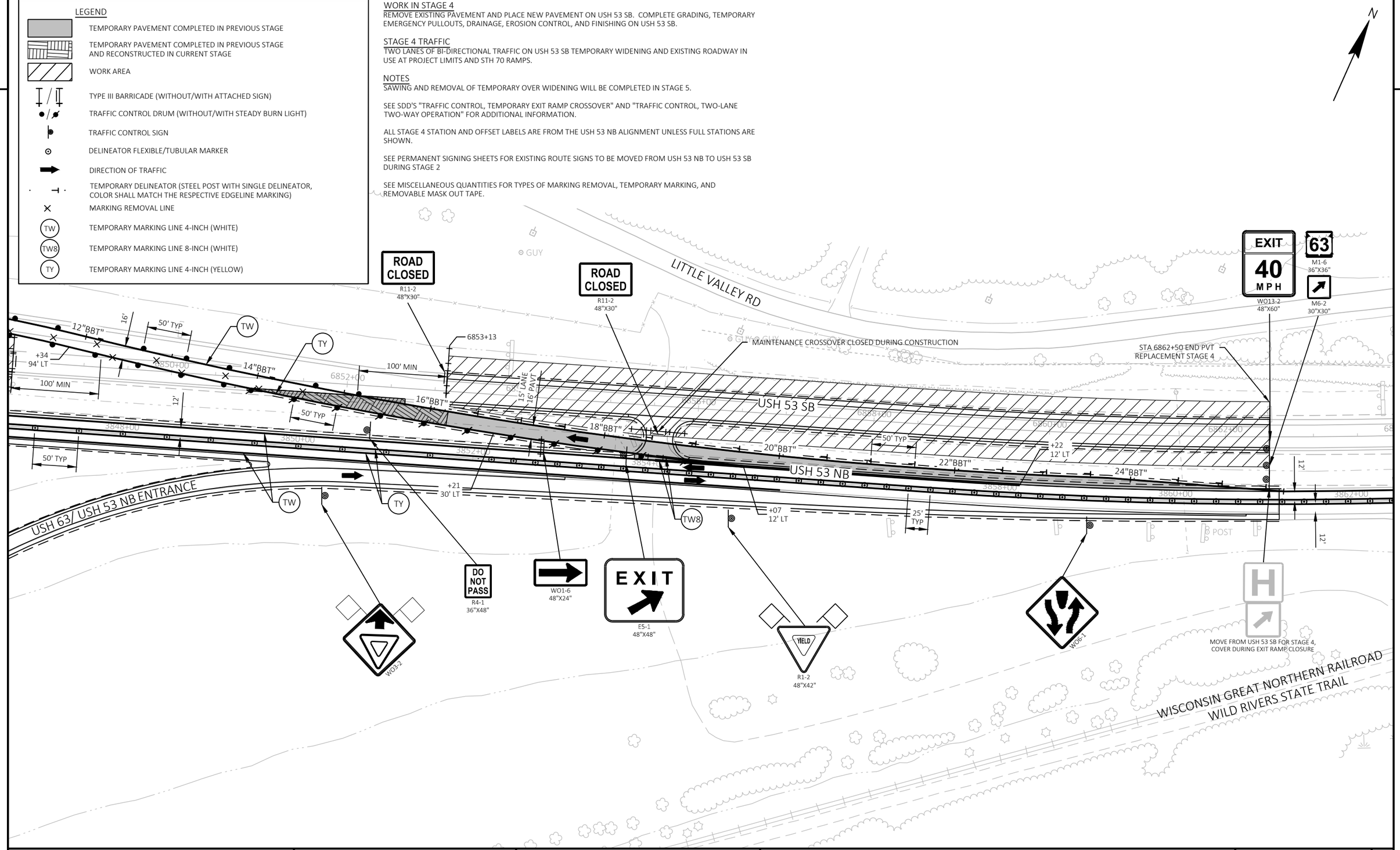
SAWING AND REMOVAL OF TEMPORARY OVER WIDENING WILL BE COMPLETED IN STAGE 5.

SEE SDD'S "TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER" AND "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION" FOR ADDITIONAL INFORMATION.

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT UNLESS FULL STATIONS ARE SHOWN.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

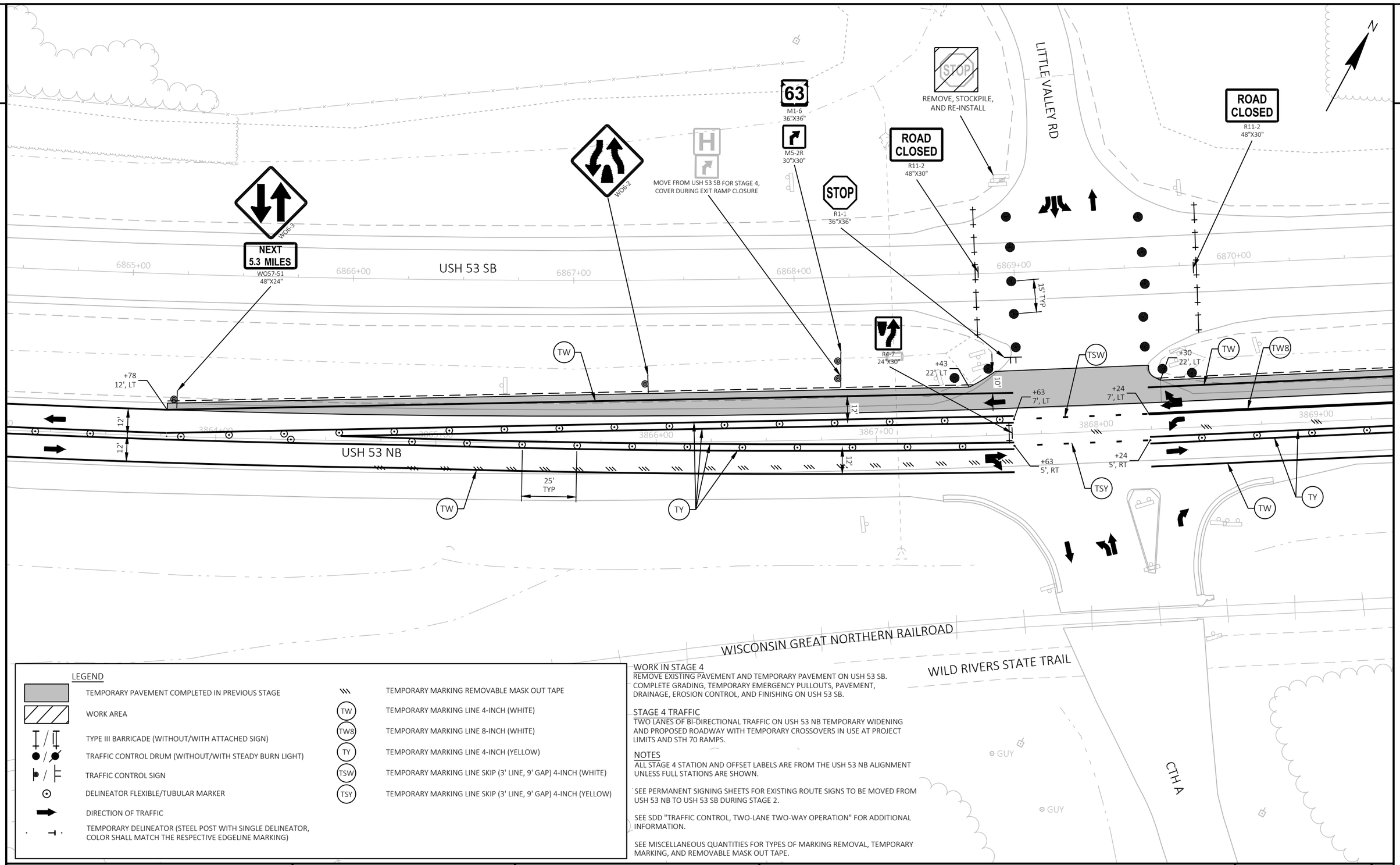


PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - USH 53 SB/USH 63 EXIT	SHEET 153	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025503 - TC - (USH 63 STAGE 4).DWG
LAYOUT NAME - 02

PLOT DATE : 4/8/2022 8:28 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND TEMPORARY PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 NB TEMPORARY WIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT UNLESS FULL STATIONS ARE SHOWN.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - CTH A	SHEET 154	E

2

2

USH 53 SB

USH 53 NB

WISCONSIN GREAT NORTHERN RAILROAD

WILD RIVERS STATE TRAIL

MOVE FROM USH 53 SB FOR STAGE 4

R3-8LF
60"X48"

BEGIN LEFT TURN LANE
R3-20L
36"X54"

+74
7', LT

+74
5', RT

+24
5', RT

25' TYP

25'
TYP

12'

TW8

TW

TY

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND TEMPORARY PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 NB TEMPORARY WIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT UNLESS FULL STATIONS ARE SHOWN.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - CTH A	SHEET 155	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025504 - TC - (CTH A STAGE 4).DWG
LAYOUT NAME - 02

PLOT DATE : 2/24/2022 10:51 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

SIGN

USH 53 SB

6876+00 6877+00 6878+00 6879+00 6880+00 6881+00 6882+00

DO NOT PASS
R4-1
36"X48"

TW

+59
12', LT

25' TYP

USH 53 NB

3876+00 3877+00 3878+00 3879+00 3880+00

12'
12'

50'
TYP

+49
12', RT

TY

TW

W06-3

WISCONSIN GREAT NORTHERN RAILROAD

WILD RIVERS STATE TRAIL

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE
- (TW) TEMPORARY MARKING LINE 4-INCH (WHITE)
- (TW8) TEMPORARY MARKING LINE 8-INCH (WHITE)
- (TY) TEMPORARY MARKING LINE 4-INCH (YELLOW)
- (TSW) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (WHITE)
- (TSY) TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND TEMPORARY PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 NB TEMPORARY WIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT UNLESS FULL STATIONS ARE SHOWN.

SEE PERMANENT SIGNING SHEETS FOR EXISTING ROUTE SIGNS TO BE MOVED FROM USH 53 NB TO USH 53 SB DURING STAGE 2.

SEE SDD "TRAFFIC CONTROL, TWO-LANE TWO-WAY OPERATION" FOR ADDITIONAL INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - CTH A	SHEET 156	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025504 - TC - (CTH A STAGE 4).DWG
LAYOUT NAME - 03

PLOT DATE : 2/24/2022 10:51 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND TEMPORARY PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

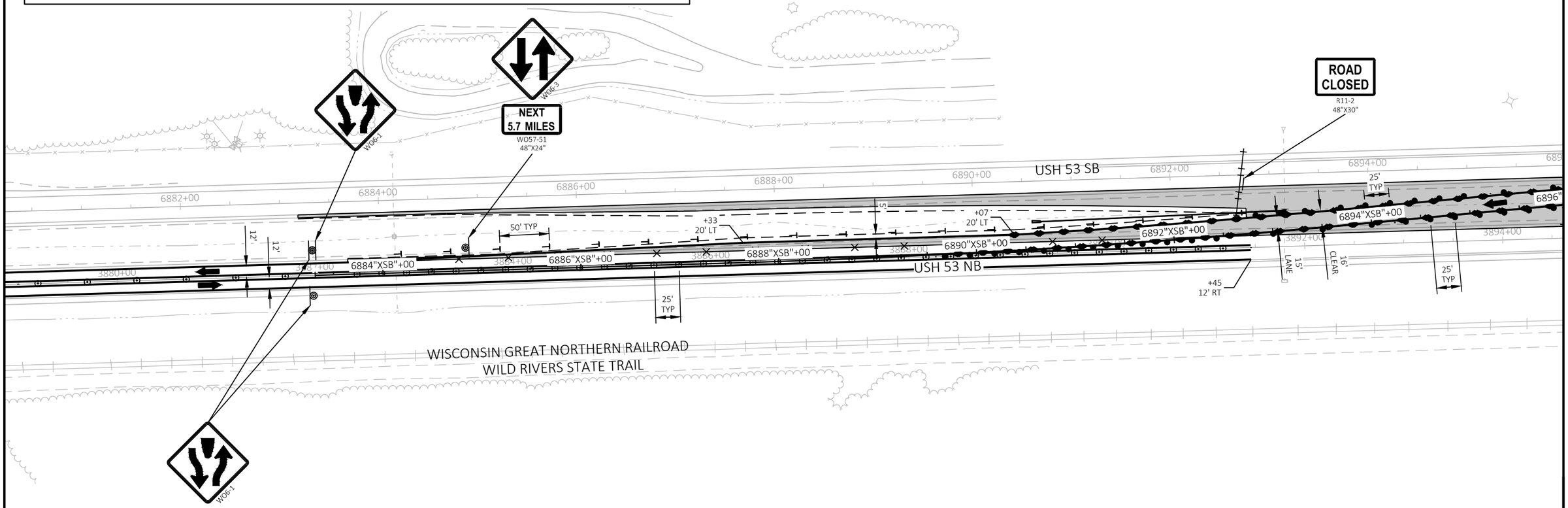
TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 NB TEMPORARY WIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT UNLESS FULL STATIONS ARE SHOWN.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 157	E

LEGEND

- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGES
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- DIRECTION OF TRAFFIC
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE 1
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 4

REMOVE EXISTING PAVEMENT AND TEMPORARY PAVEMENT ON USH 53 SB. COMPLETE GRADING, TEMPORARY EMERGENCY PULLOUTS, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 SB.

STAGE 4 TRAFFIC

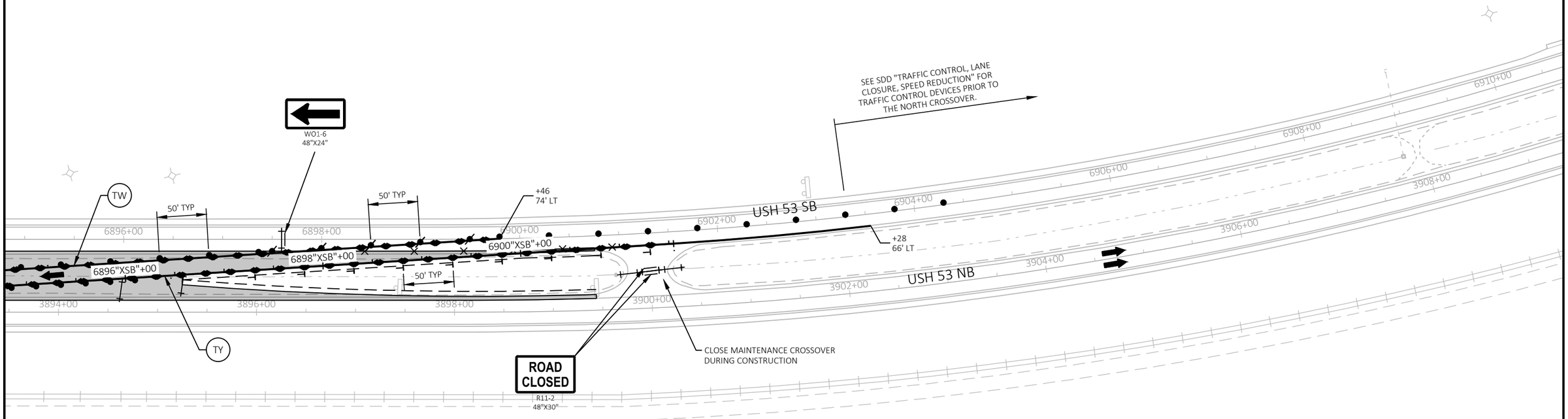
TWO LANES OF BI-DIRECTIONAL TRAFFIC ON USH 53 NB TEMPORARY WIDENING AND PROPOSED ROADWAY WITH TEMPORARY CROSSOVERS IN USE AT PROJECT LIMITS AND STH 70 RAMPS.

NOTES

ALL STAGE 4 STATION AND OFFSET LABELS ARE FROM THE USH 53 NB ALIGNMENT UNLESS FULL STATIONS ARE SHOWN.

SEE SDD "TRAFFIC CONTROL, SINGLE LANE CROSSOVER" AND "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4 - DETAIL - TEMP CROSSOVER - NORTH PROJECT LIMIT	SHEET 158	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025505 - TC - (PM NORTH XO STAGE 4).DWG
LAYOUT NAME - 02

PLOT DATE : 4/8/2022 8:30 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- EXISTING FULL DEPTH ASPHALTIC PAVEMENT REMOVED IN CURRENT STAGE
- EXISTING PAVEMENT COMPLETED BY OTHERS AND PREVIOUS STAGES
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- TRAFFIC CONTROL ARROW BOARDS
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- MARKING REMOVAL LINE OR REMOVABLE MASK OUT TAPE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 5

REMOVE ALL CROSSOVERS. COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 AND RESTORE SHOULDERS OUTSIDE PROJECT LIMITS.

STAGE 5 TRAFFIC

ONE LANE OF TRAFFIC IN EACH DIRECTION OF USH 53 ON PROPOSED OUTSIDE SHOULDERS AND TRAVEL LANES.

NOTES

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H. WITH BARRIER" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.

N

2

6536+00 6538+00 6540+00 6542+00 6544+00 6546+00 6548+00 6550+00

USH 53 SB

3536+18
9', LT

50' TYP

25' TYP

10' TYP

12'

3536+00 3538+00 3540+00 3542+00 3544+00 3546+00 3548+00 3550+00

ÛSH 53 ÑB

SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION"

LANE CLOSED
R11-2L
48"X30"

TY

POST

WO1-4R

WO1-6
48"X24"

6550+55
12', LT

3550+23
12', RT

WO1-6
48"X24"

VETERANS WAY

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 5A - DETAIL - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 159	E

2

LEGEND

- EXISTING FULL DEPTH ASPHALTIC PAVEMENT REMOVED IN CURRENT STAGE
- EXISTING PAVEMENT COMPLETED BY OTHERS AND PREVIOUS STAGES
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- TRAFFIC CONTROL ARROW BOARDS
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- MARKING REMOVAL LINE OR REMOVABLE MASK OUT TAPE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 5

REMOVE ALL CROSSOVERS. COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 AND RESTORE SHOULDERS OUTSIDE PROJECT LIMITS.

STAGE 5 TRAFFIC

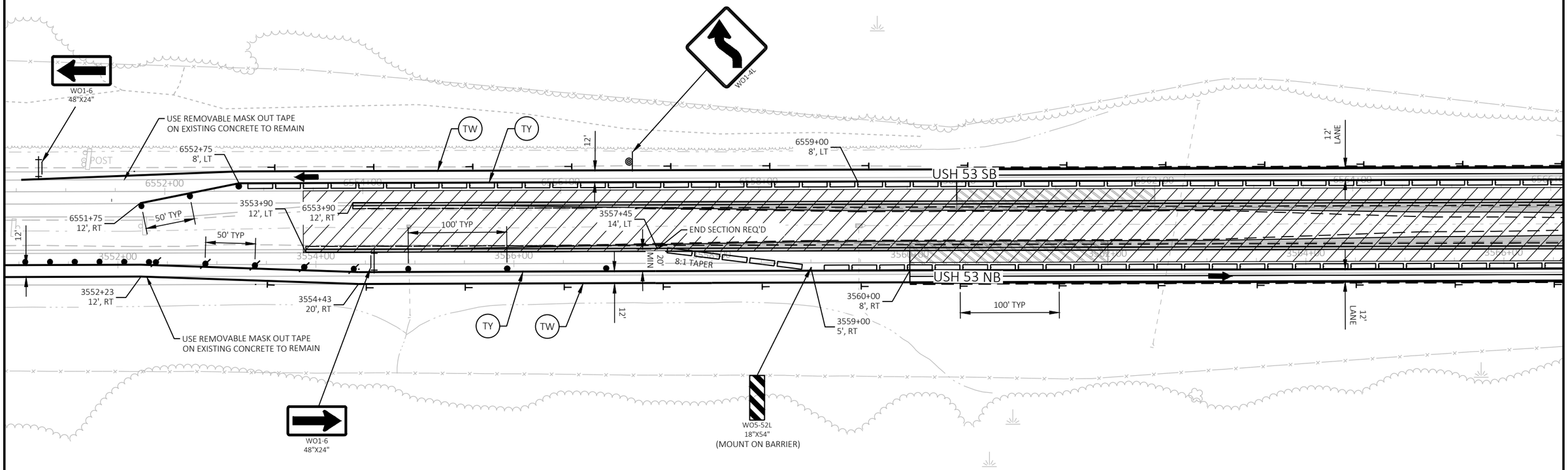
ONE LANE OF TRAFFIC IN EACH DIRECTION OF USH 53 ON PROPOSED OUTSIDE SHOULDERS AND TRAVEL LANES.

NOTES

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H. WITH BARRIER" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 5A - DETAIL - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 160	E

2

LEGEND

- EXISTING FULL DEPTH ASPHALTIC PAVEMENT REMOVED IN CURRENT STAGE
- EXISTING PAVEMENT COMPLETED BY OTHERS AND PREVIOUS STAGES
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- TRAFFIC CONTROL ARROW BOARDS
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- MARKING REMOVAL LINE OR REMOVABLE MASK OUT TAPE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 5

REMOVE ALL CROSSOVERS. COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 AND RESTORE SHOULDERS OUTSIDE PROJECT LIMITS.

STAGE 5 TRAFFIC

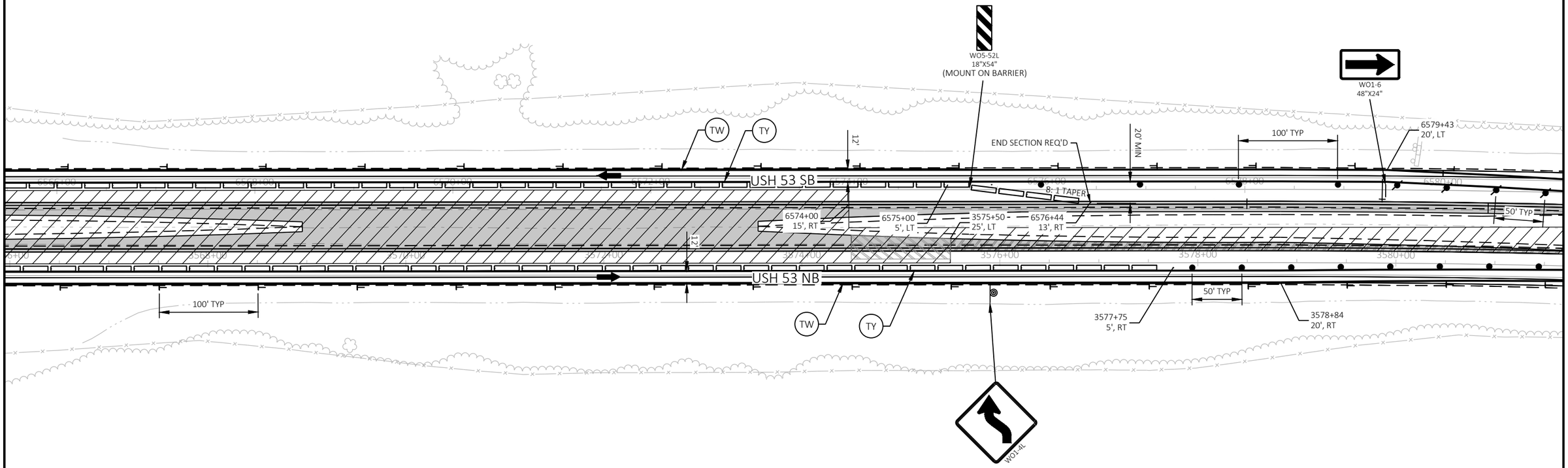
ONE LANE OF TRAFFIC IN EACH DIRECTION OF USH 53 ON PROPOSED OUTSIDE SHOULDERS AND TRAVEL LANES.

NOTES

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H. WITH BARRIER" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 5A - DETAIL - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 161	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025600 - TC - (PM X-OVER S5).DWG
LAYOUT NAME - 03

PLOT DATE : 4/8/2022 8:33 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

LEGEND

- EXISTING FULL DEPTH ASPHALTIC PAVEMENT REMOVED IN CURRENT STAGE
- EXISTING PAVEMENT COMPLETED BY OTHERS AND PREVIOUS STAGES
- WORK AREA
- TYPE III BARRICADE (WITHOUT/WITH ATTACHED SIGN)
- TRAFFIC CONTROL DRUM (WITHOUT/WITH STEADY BURN LIGHT)
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- TRAFFIC CONTROL ARROW BOARDS
- DIRECTION OF TRAFFIC
- CONCRETE BARRIER TEMPORARY PRECAST
- CRASH CUSHIONS TEMPORARY
- MARKING REMOVAL LINE OR REMOVABLE MASK OUT TAPE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING LINE 4-INCH (YELLOW)

WORK IN STAGE 5

REMOVE ALL CROSSOVERS. COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING ON USH 53 AND RESTORE SHOULDERS OUTSIDE PROJECT LIMITS.

STAGE 5 TRAFFIC

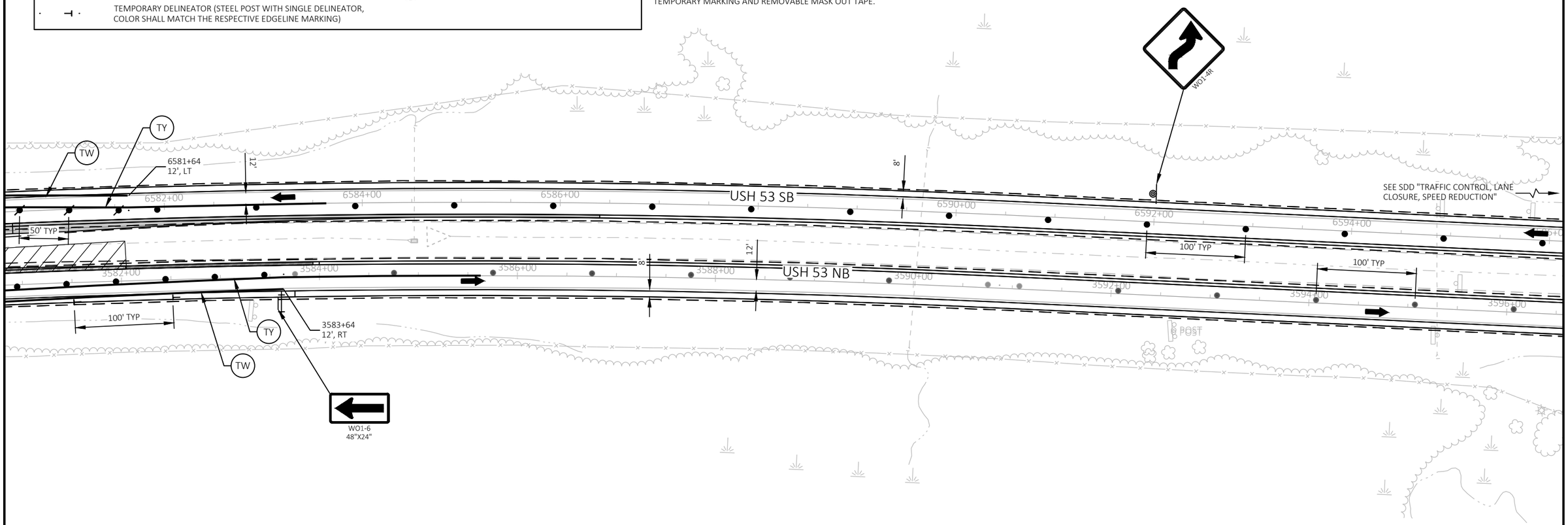
ONE LANE OF TRAFFIC IN EACH DIRECTION OF USH 53 ON PROPOSED OUTSIDE SHOULDERS AND TRAVEL LANES.

NOTES

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR TRAFFIC LOCATION DETAILS.

SEE SDD "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H. WITH BARRIER" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING AND REMOVABLE MASK OUT TAPE.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 5A - DETAIL - TEMP CROSSOVER - SOUTH PROJECT LIMIT	SHEET 162	E

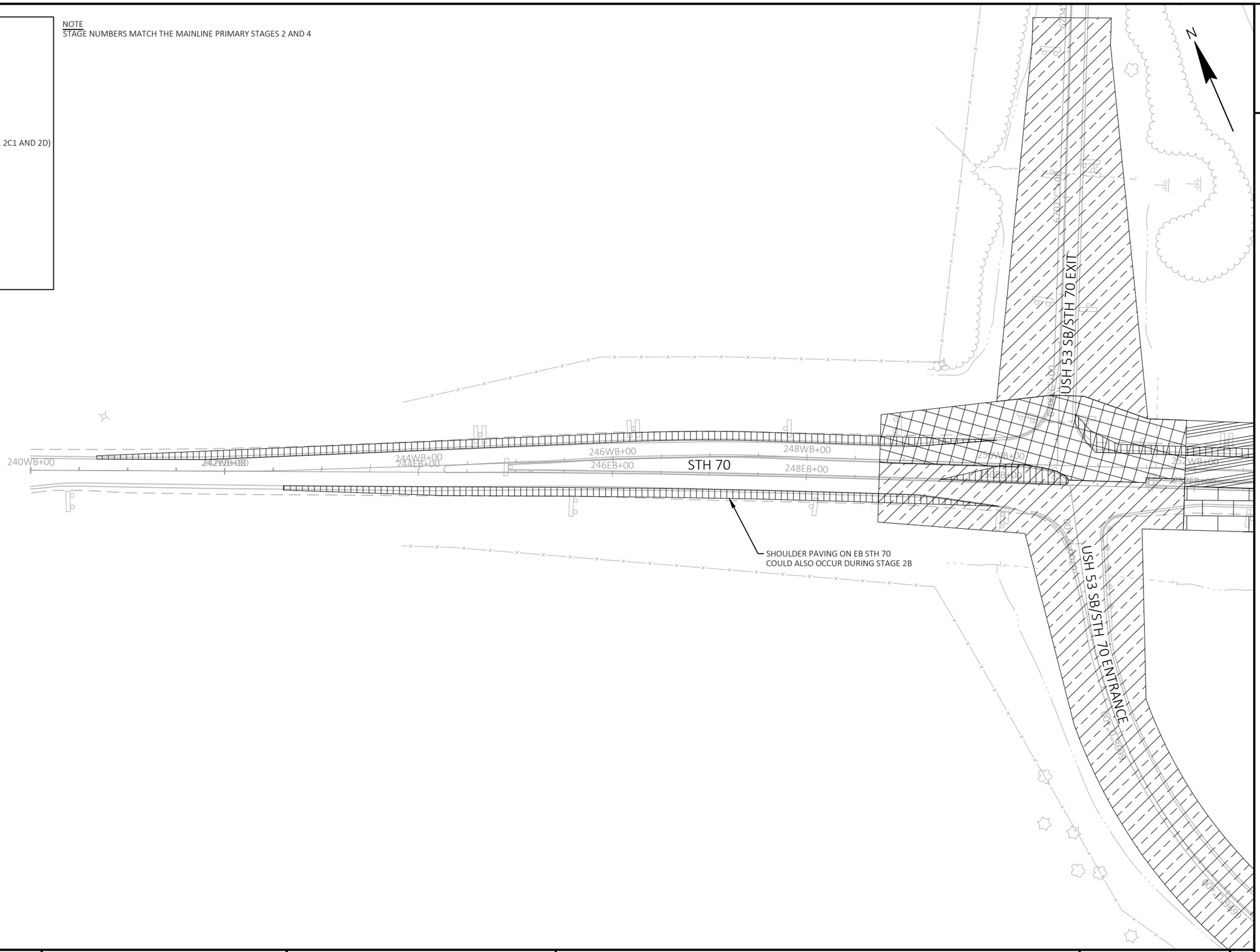
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025600 - TC - (PM X-OVER S5).DWG
LAYOUT NAME - 04
PLOT DATE : 4/8/2022 8:34 AM
PLOT BY : ADMIN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- STAGE 2A WORK AREA
- STAGE 2B WORK AREA
- STAGE 2C1 WORK AREA
- STAGE 2C2 WORK AREA (WORK CAN BE COMPLETED DURING STAGE 2C1 AND 2D)
- STAGE 2D WORK AREA
- STAGE 2E WORK AREA
- STAGE 4A WORK AREA
- STAGE 4B WORK AREA (WORK CAN BEGIN DURING STAGE 4A)
- STAGE 4C WORK AREA

NOTE
STAGE NUMBERS MATCH THE MAINLINE PRIMARY STAGES 2 AND 4



2

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STH 70 INTERCHANGE - STAGING OVERVIEW	SHEET 163	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025900 - TC - (STH 70 OVERVIEW).DWG
LAYOUT NAME - 01

PLOT DATE : 2/24/2022 2:21 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- STAGE 2A WORK AREA
- STAGE 2B WORK AREA
- STAGE 2C1 WORK AREA
- STAGE 2C2 WORK AREA (WORK CAN BE COMPLETED DURING STAGE 2C1 AND 2D)
- STAGE 2D WORK AREA
- STAGE 2E WORK AREA
- STAGE 4A WORK AREA
- STAGE 4B WORK AREA (WORK CAN BEGIN DURING STAGE 4A)
- STAGE 4C WORK AREA

N

USH 53 SB/STH 70 EXIT

USH 53 NB/STH 70 ENTRANCE

STH 70

USH 53 SB

USH 53 NB

USH 53 SB/STH 70 ENTRANCE

USH 53 NB/STH 70 EXIT

GUY

RIPRAP

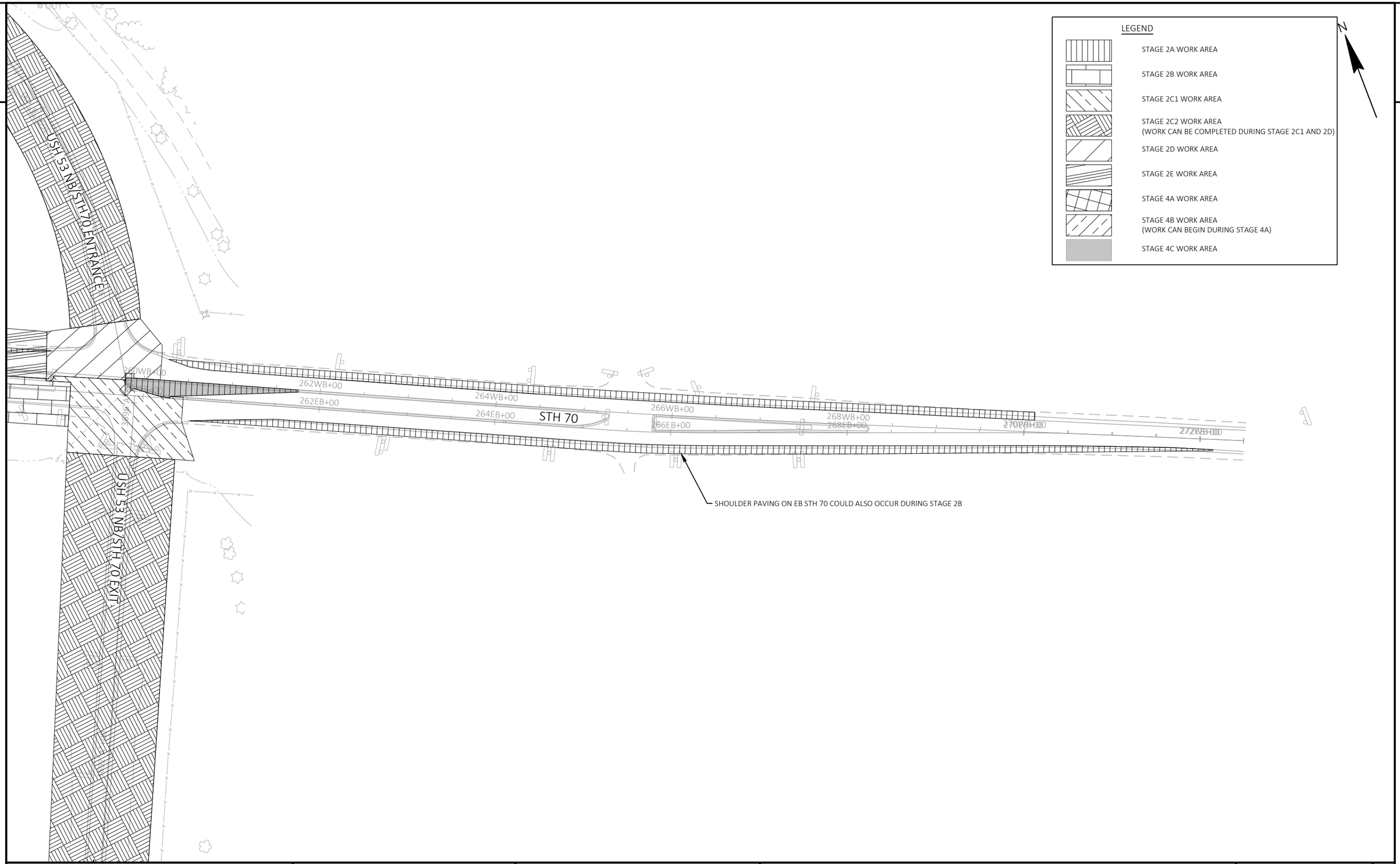
HEIGHT MOD

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STH 70 INTERCHANGE - STAGING OVERVIEW	SHEET 164	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025900 - TC - (STH 70 OVERVIEW).DWG
LAYOUT NAME - 02

PLOT DATE : 2/24/2022 2:21 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STH 70 INTERCHANGE - STAGING OVERVIEW	SHEET 165	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025900 - TC - (STH 70 OVERVIEW).DWG
LAYOUT NAME - 03

PLOT DATE : 2/24/2022 2:21 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA (STH 70 INTERCHANGE)
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT TO BE COMPLETED IN THIS STAGE

WORK IN STAGE 2A

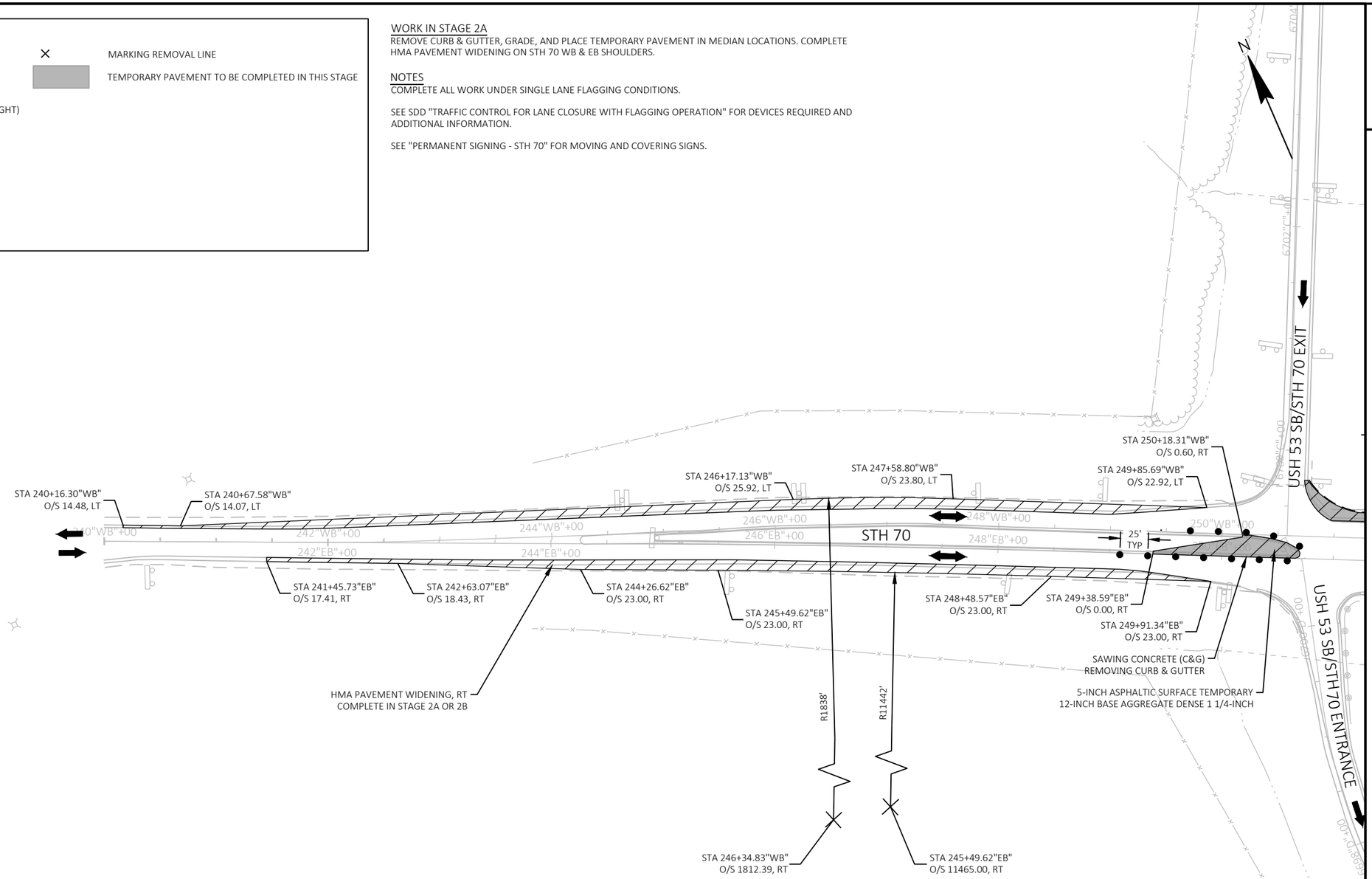
REMOVE CURB & GUTTER, GRADE, AND PLACE TEMPORARY PAVEMENT IN MEDIAN LOCATIONS. COMPLETE HMA PAVEMENT WIDENING ON STH 70 WB & EB SHOULDERS.

NOTES

COMPLETE ALL WORK UNDER SINGLE LANE FLAGGING CONDITIONS.

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR DEVICES REQUIRED AND ADDITIONAL INFORMATION.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2A - STH 70	SHEET 166	E

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA (STH 70 INTERCHANGE)
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT TO BE COMPLETED IN THIS STAGE

WORK IN STAGE 2A

REMOVE CURB & GUTTER, GRADE, AND PLACE TEMPORARY PAVEMENT IN MEDIAN LOCATIONS. COMPLETE HMA PAVEMENT WIDENING ON STH 70 WB & EB SHOULDERS.

NOTES

COMPLETE ALL WORK UNDER SINGLE LANE FLAGGING CONDITIONS.

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR DEVICES REQUIRED AND ADDITIONAL INFORMATION.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.

N

STA 252"WB"+89 - STA 253"WB"+82, LT
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSITION
MGS GUARDRAIL TEMPORARY
MGS GUARDRAIL TEMPORARY EAT
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END

STA 256"WB"+39 - STA 258"WB"+07, LT
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSITION
MGS GUARDRAIL TEMPORARY
MGS GUARDRAIL TEMPORARY EAT
STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END

USH 53 SB/STH 70 EXIT

USH 53 NB/STH 70 ENTRANCE

STA 250+75.17"WB"
O/S 49.92, LT

STA 251+31.44"WB"
O/S 92.44, LT

STA 251+21.47"WB"
O/S 22.62, LT

5" ASPHALTIC SURFACE TEMPORARY

R71'

REMOVING CONCRETE CURB AND GUTTER AND INLET CASTING (INCIDENTAL TO REMOVING SURFACE DRAIN IN STAGE 2E)
1-TEMPORARY COVER PLATE REQ'D
ASPHALTIC FLUME REQ'D

+89

+38'

+82

5" ASPHALTIC SURFACE TEMPORARY

+39

+57

+07

STA 258+82.97"WB"
O/S 23.00, LT

SAWING ASPHALT (5'X10')
REMOVING ASPHALTIC SURFACE
SEE PAVING DETAILS AND
SECTION 5 PLAN SHEETS FOR
DRAINAGE ITEMS REQ'D

5" ASPHALTIC SURFACE TEMPORARY
12" BASE AGGREGATE DENSE 1 1/4-INCH

STA 260+29.59"WB"
O/S 23.00, LT

STA 261+55.00"WB"
O/S 0.00, RT

STA 250+18.31"WB"
O/S 0.60, RT

STA 249+85.69"WB"
O/S 22.92, LT

25'
TYP

STA 249+38.59"EB"
O/S 0.00, RT

STA 249+91.34"EB"
O/S 23.00, RT

SAWING CONCRETE (C&G)
REMOVING CURB & GUTTER

5-INCH ASPHALTIC SURFACE TEMPORARY
12-INCH BASE AGGREGATE DENSE 1 1/4-INCH

STH 70

USH 53 SB

USH 53 NB

USH 53 SB/STH 70 ENTRANCE

USH 53 NB/STH 70 EXIT

SAWING ASPHALT (10'X10')
REMOVING ASPHALTIC SURFACE
SEE PAVING DETAILS AND SECTION 5 PLAN
SHEETS FOR DRAINAGE ITEMS REQ'D

STA 260+61.62"EB"
O/S 23.00, RT

STA 260+30.90"EB"
O/S 0.00, RT

SAWING CONCRETE (C&G)
REMOVING CURB & GUTTER

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2A - STH 70	SHEET 167	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025902 - TC - (STH 70 STAGE 2A).DWG
LAYOUT NAME - 02

PLOT DATE : 2/28/2022 9:30 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA (STH 70 INTERCHANGE)
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT TO BE COMPLETED IN THIS STAGE

WORK IN STAGE 2A

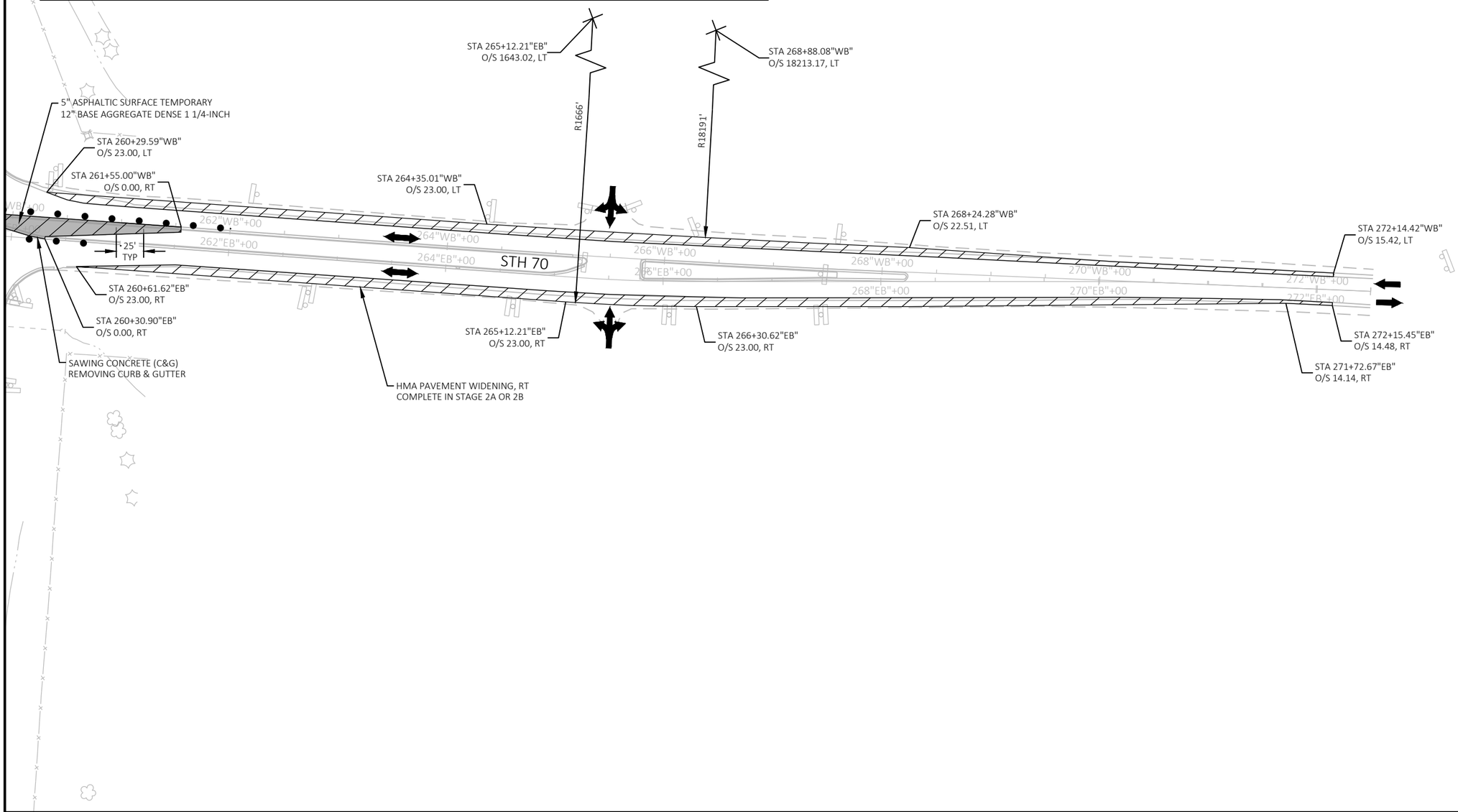
REMOVE CURB & GUTTER, GRADE, AND PLACE TEMPORARY PAVEMENT IN MEDIAN LOCATIONS. COMPLETE HMA PAVEMENT WIDENING ON STH 70 WB & EB SHOULDERS.

NOTES

COMPLETE ALL WORK UNDER SINGLE LANE FLAGGING CONDITIONS.

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR DEVICES REQUIRED AND ADDITIONAL INFORMATION.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2A - STH 70	SHEET 168	E

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TRAFFIC CONTROL COVERING SIGN
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING DOUBLE LINE 4-INCH (YELLOW)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' SKIP) 4-INCH (YELLOW)

WORK IN STAGE 2B, 2C1 & 2C2

REMOVE EXISTING PAVEMENT ON STH 70 EB AND USH 53 NB/STH 70 EXIT AND ENTRANCE RAMPS. COMPLETE GRADING, PAVEMENT, BRIDGE REHABILITATION, DRAINAGE, EROSION CONTROL, AND FINISHING.

STAGE 2B, 2C1 & 2C2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON STH 70 WB EXISTING ROADWAY.
NB RAMPS CLOSED IN STAGE 2C2.

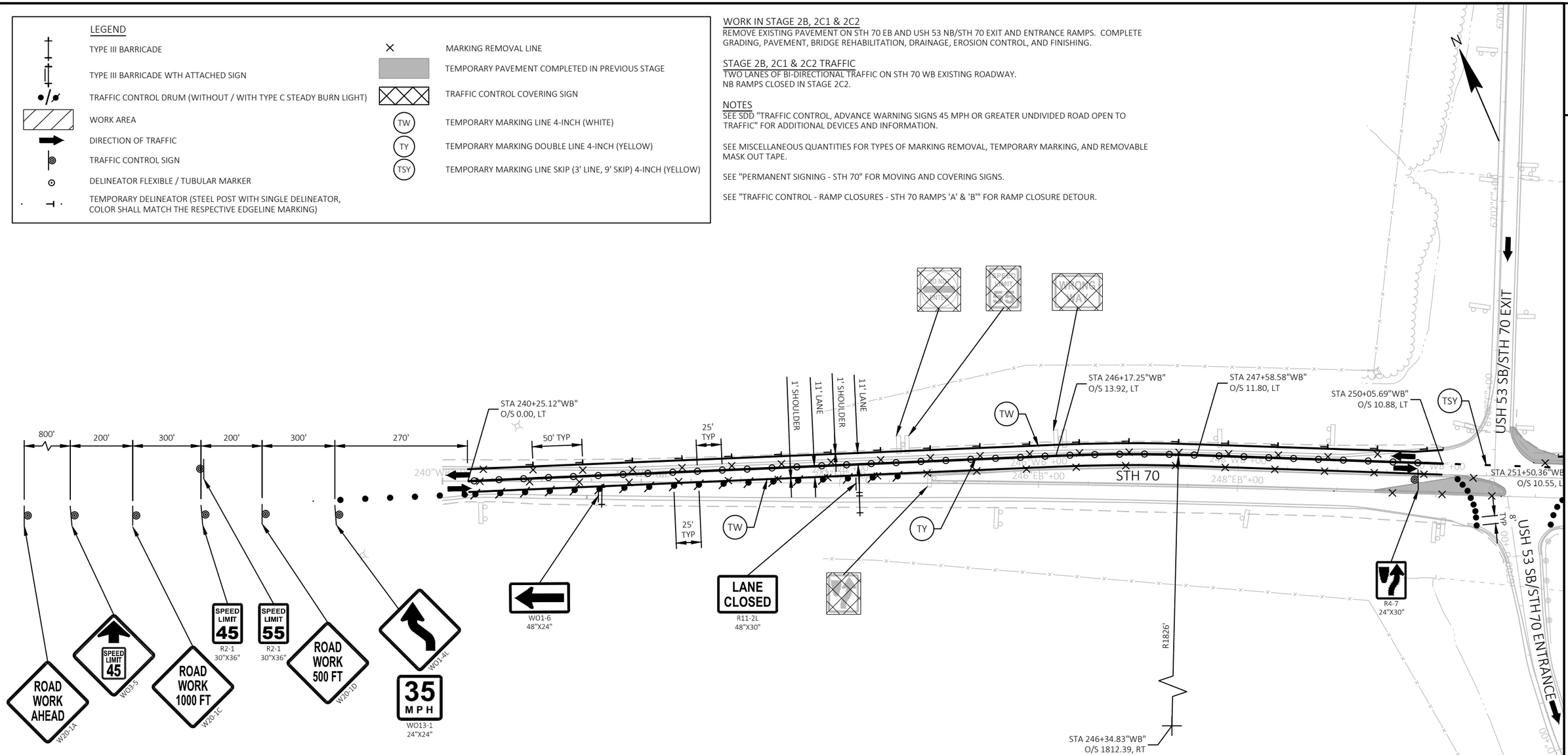
NOTES

SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.

SEE "TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'A' & 'B'" FOR RAMP CLOSURE DETOUR.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2B, 2C1, 2C2 - STH 70	SHEET 169	E

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TRAFFIC CONTROL COVERING SIGN
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING DOUBLE LINE 4-INCH (YELLOW)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' SKIP) 4-INCH (YELLOW)

WORK IN STAGE 2B, 2C1 & 2C2

REMOVE EXISTING PAVEMENT ON STH 70 EB AND USH 53 NB/STH 70 EXIT AND ENTRANCE RAMPS. COMPLETE GRADING, PAVEMENT, BRIDGE REHABILITATION, DRAINAGE, EROSION CONTROL, AND FINISHING.

STAGE 2B, 2C1 & 2C2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON STH 70 WB EXISTING ROADWAY.
NB RAMPS CLOSED IN STAGE 2C2.

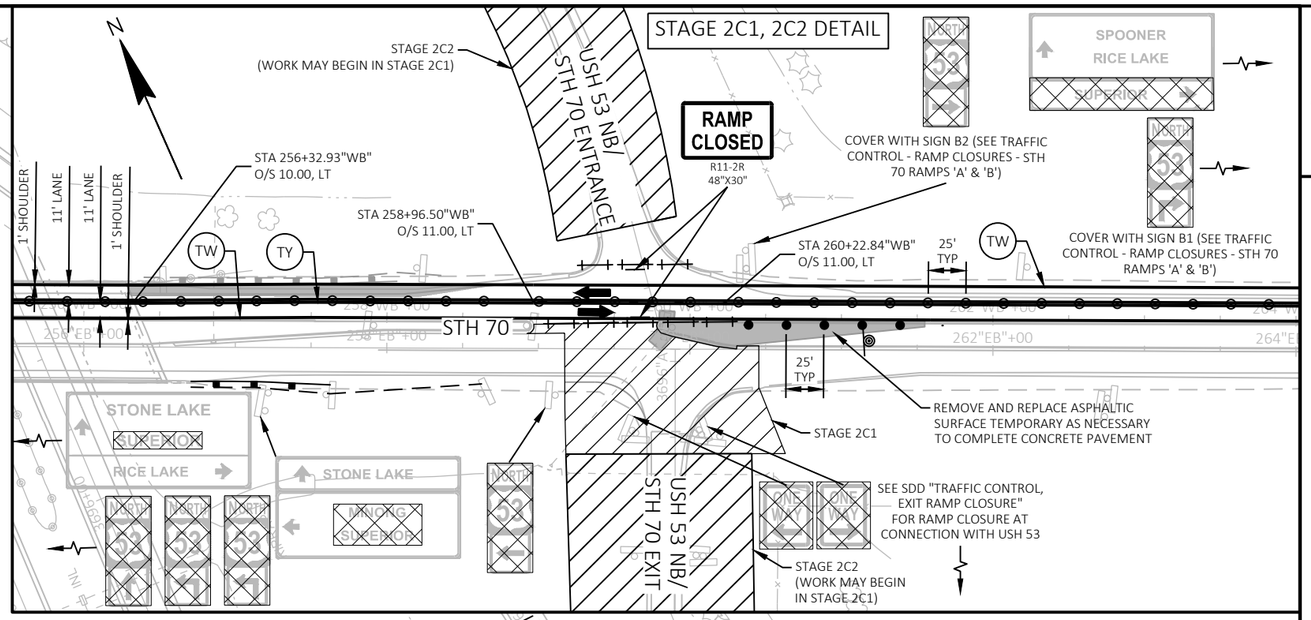
NOTES

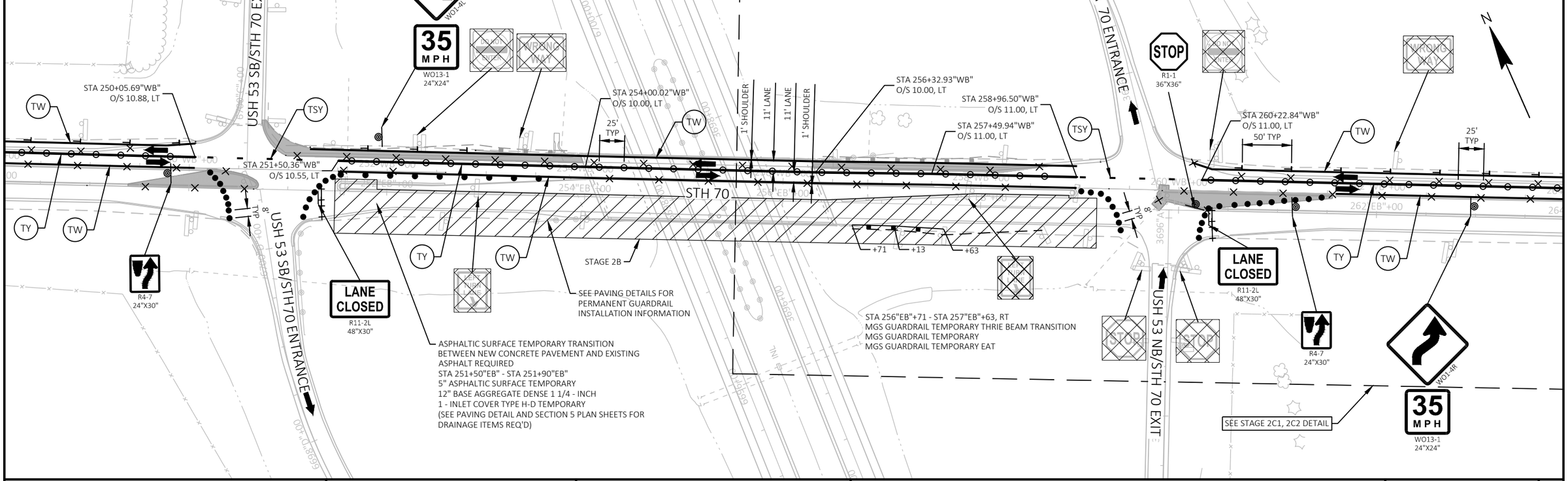
SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.

SEE "TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'A' & 'B'" FOR RAMP CLOSURE DETOUR.





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2B, 2C1, 2C2 - STH 70	SHEET 170	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025903 - TC - (STH 70 STAGE 2B).DWG
LAYOUT NAME - 02
PLOT DATE : 12/19/2022 9:56 AM
PLOT BY : CHRIS VILS
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TRAFFIC CONTROL COVERING SIGN
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING DOUBLE LINE 4-INCH (YELLOW)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' SKIP) 4-INCH (YELLOW)

WORK IN STAGE 2B, 2C1 & 2C2

REMOVE EXISTING PAVEMENT ON STH 70 EB AND USH 53 NB/STH 70 EXIT AND ENTRANCE RAMPS. COMPLETE GRADING, PAVEMENT, BRIDGE REHABILITATION, DRAINAGE, EROSION CONTROL, AND FINISHING.

STAGE 2B, 2C1 & 2C2 TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON STH 70 WB EXISTING ROADWAY.
NB RAMPS CLOSED IN STAGE 2C2.

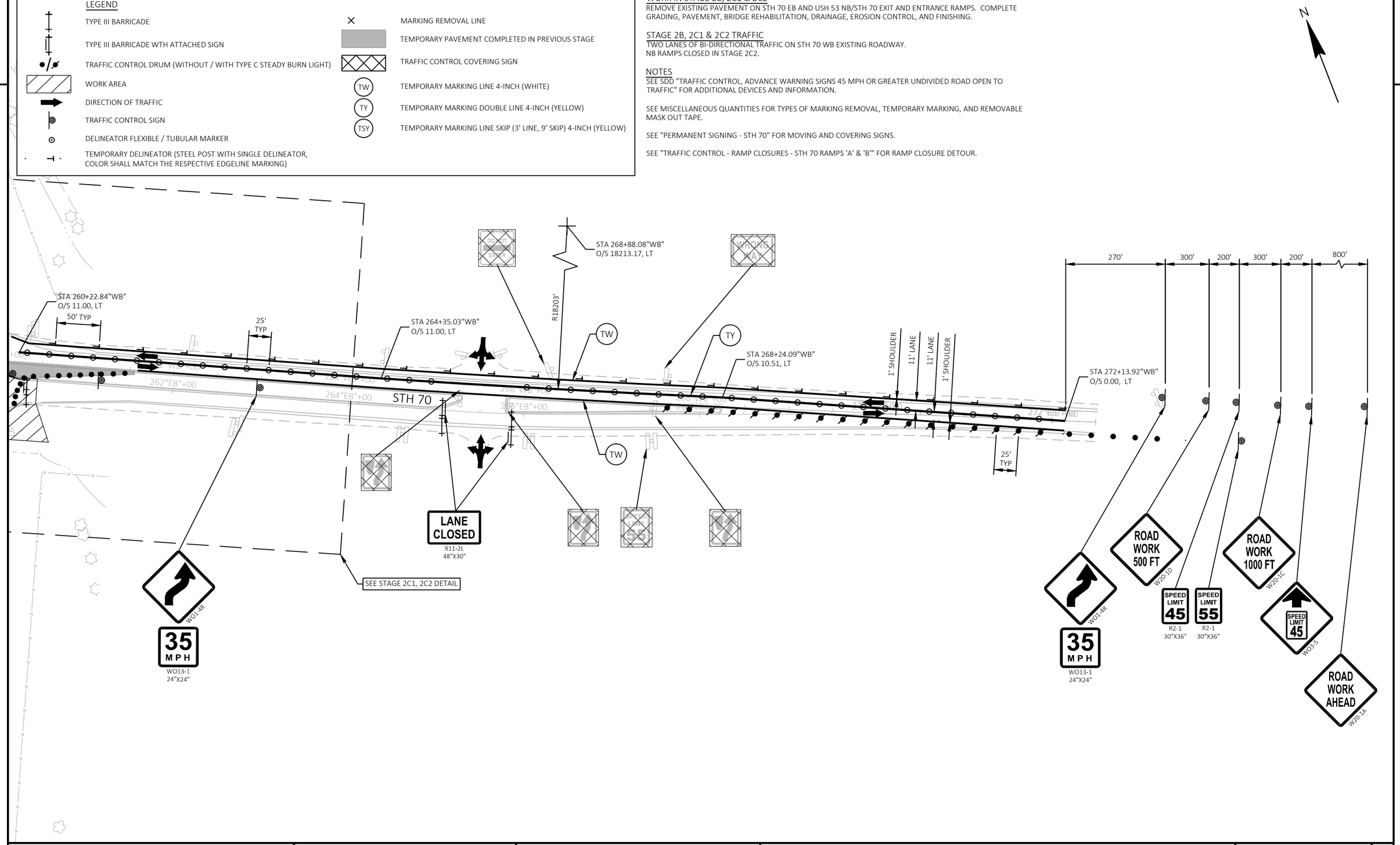
NOTES

SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.

SEE "TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'A' & 'B'" FOR RAMP CLOSURE DETOUR.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2B, 2C1, 2C2 - STH 70	SHEET 171	E

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TRAFFIC CONTROL COVERING SIGN
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING DOUBLE LINE 4-INCH (YELLOW)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2D & 2E

REMOVE EXISTING PAVEMENT ON STH 70 WB. COMPLETE GRADING, PAVEMENT, BRIDGE REHABILITATION, DRAINAGE, EROSION CONTROL, AND FINISHING.

STAGE 2D & 2E TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON STH 70 EB EXISTING ROADWAY.
NB RAMPS CLOSED IN STAGE 2C2.

NOTE

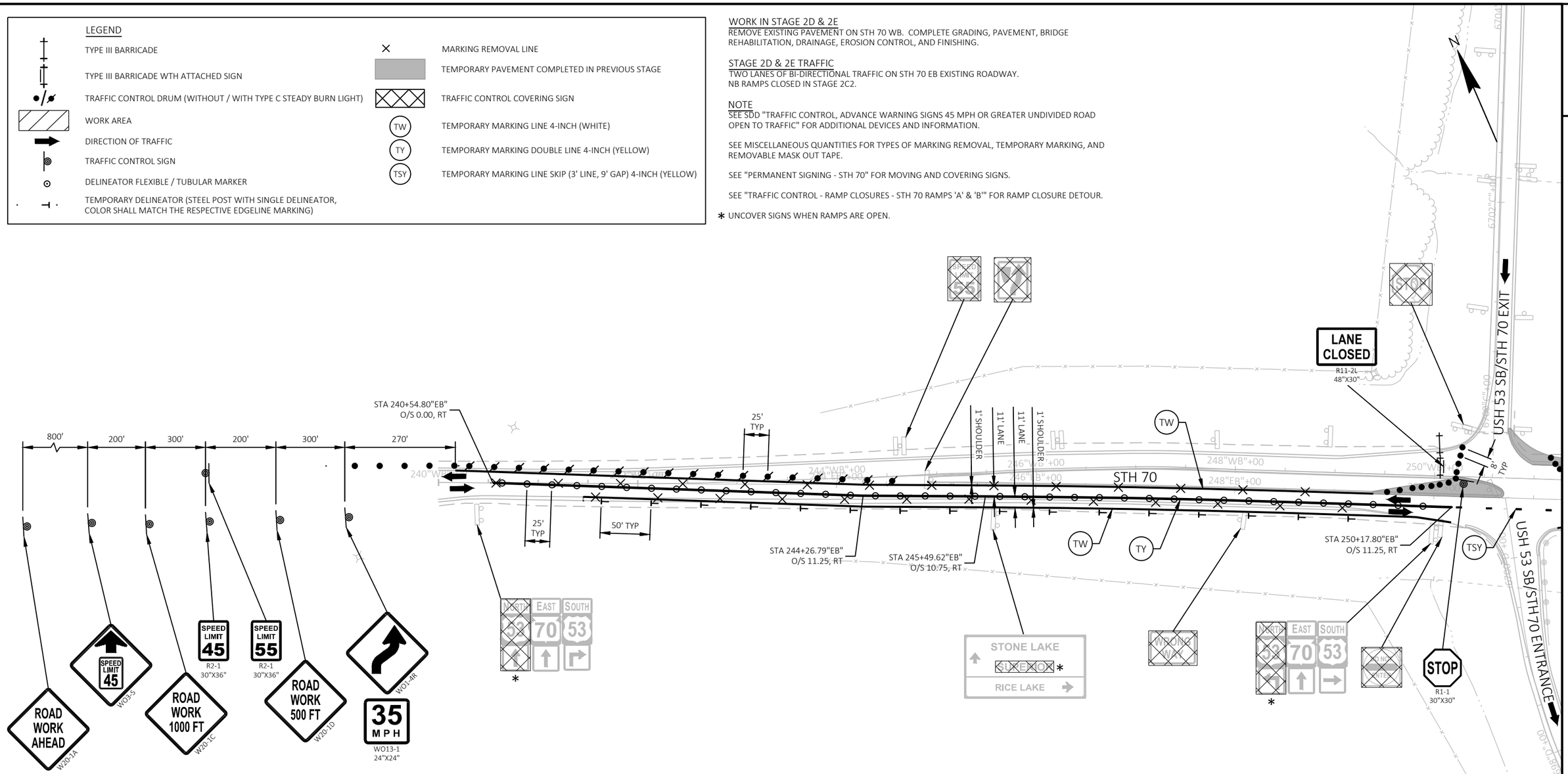
SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.

SEE "TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'A' & 'B'" FOR RAMP CLOSURE DETOUR.

* UNCOVER SIGNS WHEN RAMPS ARE OPEN.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2D, 2E - STH 70	SHEET 172	E

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TRAFFIC CONTROL COVERING SIGN
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING DOUBLE LINE 4-INCH (YELLOW)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2D & 2E

REMOVE EXISTING PAVEMENT ON STH 70 WB. COMPLETE GRADING, PAVEMENT, BRIDGE REHABILITATION, DRAINAGE, EROSION CONTROL, AND FINISHING.

STAGE 2D & 2E TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON STH 70 EB EXISTING ROADWAY.
NB RAMPS CLOSED IN STAGE 2C2.

NOTE

SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.

SEE "TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'A' & 'B'" FOR RAMP CLOSURE DETOUR.

* UNCOVER SIGNS WHEN RAMPS ARE OPEN.

STAGE 2E

USH 53 NB/ STH 70 ENTRANCE

LANE CLOSED
R11-2L
48"X30"

WO1-4L

35 MPH
WO13-1
24"X24"

STAGE 2E

STH 70

8' TYP

50' TYP

25' TYP

TY

TSY

TW

USH 53 NB/ STH 70 EXIT

STA 252"WB"+87 - STA 253"WB"+80, LT
MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSITION
MGS GUARDRAIL TEMPORARY
MGS GUARDRAIL TEMPORARY EAT
(REPLACE TEMPORARY GUARDRAIL AFTER NEW PARAPET IS INSTALLED)

RAMP CLOSED DURING STAGE 2D ONLY
(MAINTAIN CLOSURE FROM STAGE 2C2)

USH 53 NB/STH 70 ENTRANCE

LANE CLOSED
R11-2L
48"X30"

USH 53 SB/STH 70 EXIT

ASPHALTIC SURFACE TEMPORARY TRANSITION BETWEEN NEW CONCRETE PAVEMENT AND EXISTING ASPHALT REQUIRED
STA 251+50"WB" - STA 251+90"WB"
5" ASPHALTIC SURFACE TEMPORARY
12" BASE AGGREGATE DENSE 1 1/4 - INCH

USH 53 SB

USH 53 NB

SEE PAVING DETAILS FOR PERMANENT GUARDRAIL INSTALLATION INFORMATION

STA 257+74.96"EB"
O/S 11.25, RT

STAGE 2E

STAGE 2E

STAGE 2D

COVER WITH SIGN B2
(SEE TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'A' & 'B')

1' SHOULDER
11' LANE
11' LANE
1' SHOULDER

+87
+37
+80

STA 251+47.60"EB"
O/S 11.00, RT

STH 70

25' TYP

50' TYP

STA 250+17.80"EB"
O/S 11.25, RT

STA 253+00.05"EB"
O/S 11.25, RT

STA 254+12.32"EB"
O/S 9.67, RT

STA 256+44.72"EB"
O/S 9.90, RT

STA 262+75.18"EB"
O/S 11.00, RT

REMOVE AND REPLACE ASPHALTIC SURFACE TEMPORARY AS NECESSARY TO COMPLETE CONCRETE PAVEMENT

RAMP CLOSED
R11-2R
48"X30"

STOP
R1-1
30"X30"

WO1-4R

35 MPH
WO13-1
24"X24"

STONE LAKE

SEE STAGE 2E DETAIL

SEE SDD "TRAFFIC CONTROL, EXIT RAMP CLOSURE" FOR RAMP CLOSURE AT CONNECTION WITH USH 53

RAMP CLOSED DURING STAGE 2D ONLY
(MAINTAIN CLOSURE FROM STAGE 2C2)

USH 53 NB/STH 70 EXIT

WO1-4L

35 MPH
WO13-1
24"X24"

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2D, 2E - STH 70	SHEET 173	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025904 - TC - (STH 70 STAGE 2D).DWG
LAYOUT NAME - 02

PLOT DATE : 12/19/2022 9:54 AM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TRAFFIC CONTROL COVERING SIGN
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING DOUBLE LINE 4-INCH (YELLOW)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 2D & 2E

REMOVE EXISTING PAVEMENT ON STH 70 WB. COMPLETE GRADING, PAVEMENT, BRIDGE REHABILITATION, DRAINAGE, EROSION CONTROL, AND FINISHING.

STAGE 2D & 2E TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON STH 70 EB EXISTING ROADWAY.
NB RAMPS CLOSED IN STAGE 2C2.

NOTE

SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL DEVICES AND INFORMATION.

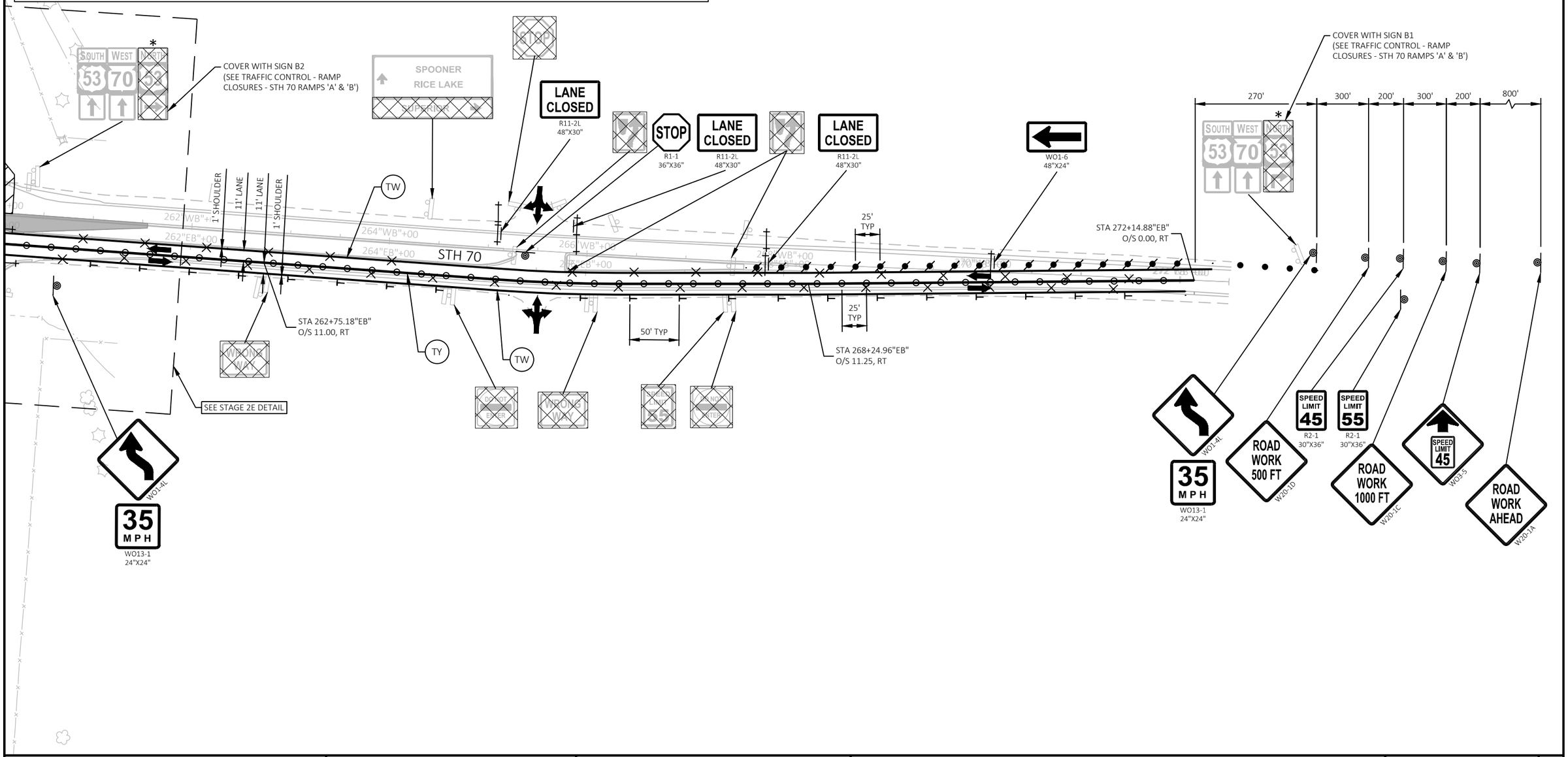
SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.

SEE "TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'A' & 'B'" FOR RAMP CLOSURE DETOUR.

* UNCOVER SIGNS WHEN RAMPS ARE OPEN.

N



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 2D, 2E - STH 70	SHEET 174	E

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING DOUBLE LINE 4-INCH (YELLOW)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4A

REMOVE EXISTING PAVEMENT ON STH 70 WB. COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING.

STAGE 4A TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON STH 70 EB EXISTING ROADWAY.
SB RAMPS CLOSED IN STAGE 4A.

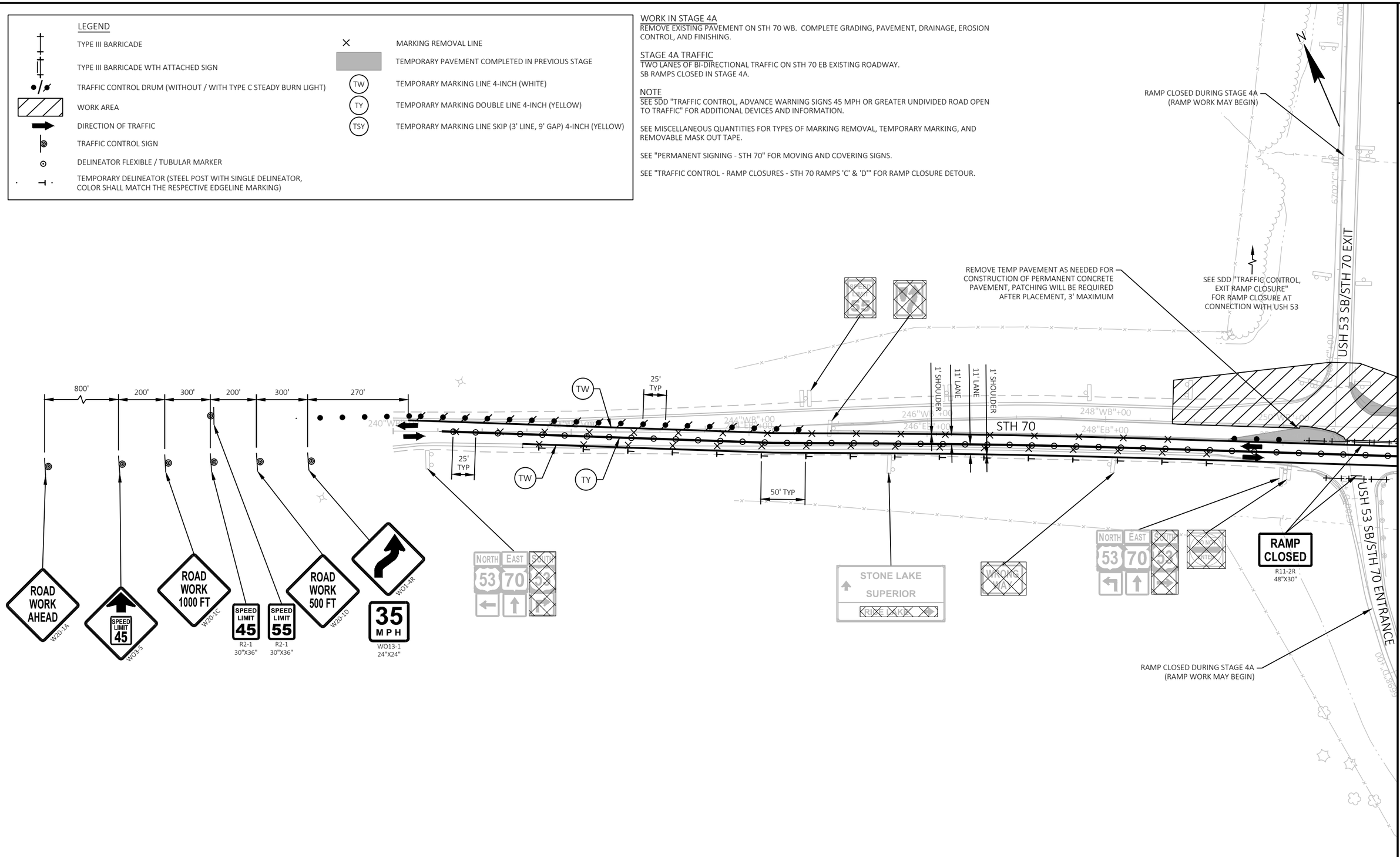
NOTE

SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.

SEE "TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'C' & 'D'" FOR RAMP CLOSURE DETOUR.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4A - STH 70	SHEET 175	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025905 - TC - (STH 70 STAGE 4A).DWG
LAYOUT NAME - 01

PLOT DATE : 12/19/2022 10:00 AM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING DOUBLE LINE 4-INCH (YELLOW)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4A

REMOVE EXISTING PAVEMENT ON STH 70 WB. COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING.

STAGE 4A TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON STH 70 EB EXISTING ROADWAY.
SB RAMPS CLOSED IN STAGE 4A.

NOTE

SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.

SEE "TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'C' & 'D'" FOR RAMP CLOSURE DETOUR.

RAMP CLOSED DURING STAGE 4A (RAMP WORK MAY BEGIN)

SEE SDD "TRAFFIC CONTROL, EXIT RAMP CLOSURE" FOR RAMP CLOSURE AT CONNECTION WITH USH 53

USH 53 SB/STH 70 EXIT

COVER WITH SIGN D2 (SEE TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'C' & 'D')

WO1-4R

35 MPH
WO13-1
24"X24"

SOUTH 53 | WEST 70

SPOONER
RICE LAKE

COVER WITH SIGN D1 (SEE TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'C' & 'D')

LANE CLOSED
R11-2L
48"X30"

USH 53 NB/STH 70 ENTRANCE

SOUTH 53 | WEST 70 | NORTH 53

1' SHOULDER | 11' LANE | 1' SHOULDER | 11' LANE

TW

TY

TSY

25' TYP

50' TYP

9' TYP

STH 70

USH 53 SB

USH 53 NB

USH 53 NB/STH 70 EXIT

RAMP CLOSED
R11-2R
48"X30"

USH 53 SB/STH 70 ENTRANCE

WO1-4L

35 MPH
WO13-1
24"X24"

RAMP CLOSED DURING STAGE 4A (RAMP WORK MAY BEGIN)

N

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4A - STH 70	SHEET 176	E

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING DOUBLE LINE 4-INCH (YELLOW)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4A

REMOVE EXISTING PAVEMENT ON STH 70 WB. COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING.

STAGE 4A TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON STH 70 EB EXISTING ROADWAY.
SB RAMPS CLOSED IN STAGE 4A.

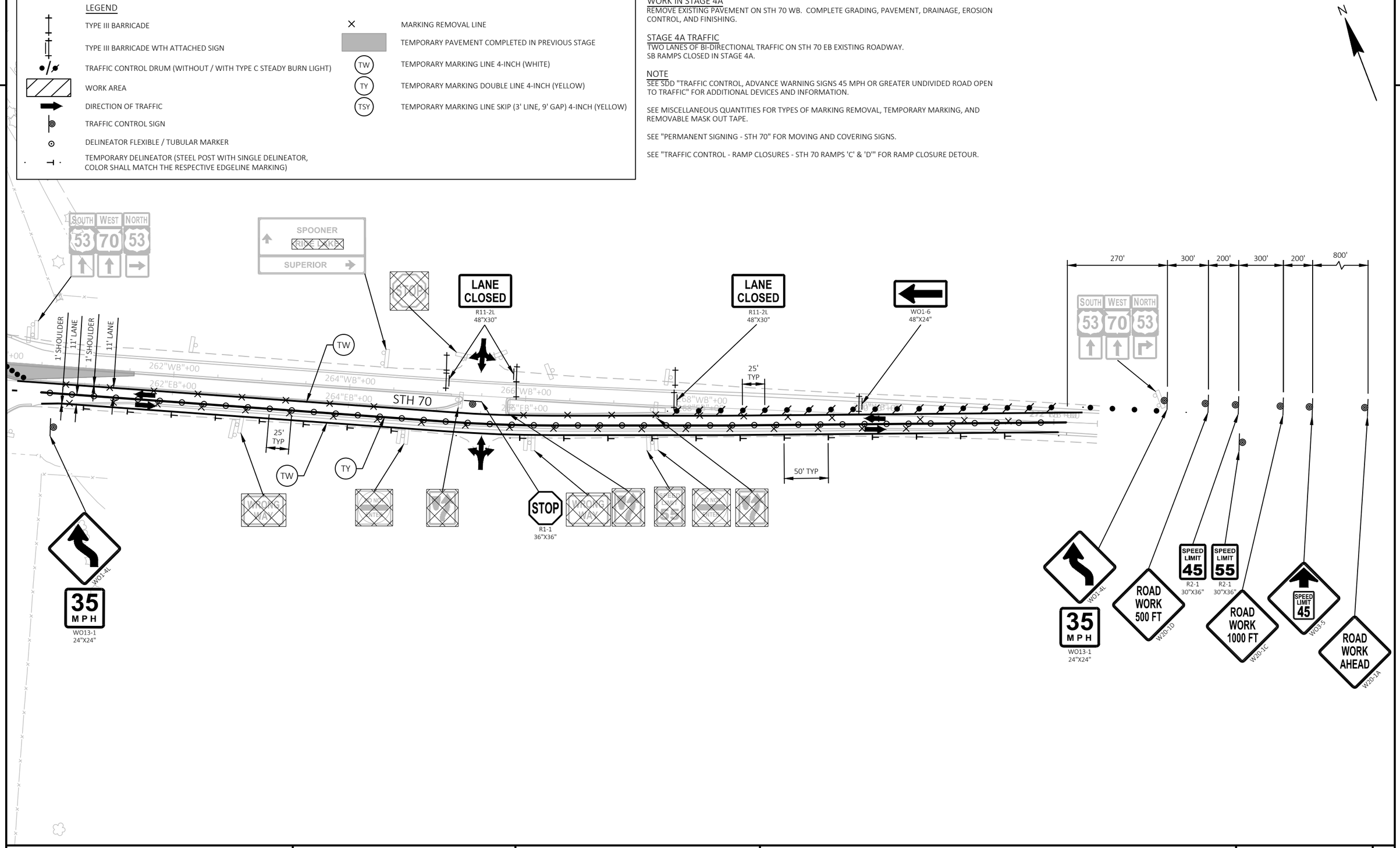
NOTE

SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.

SEE "TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'C' & 'D'" FOR RAMP CLOSURE DETOUR.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4A - STH 70	SHEET 177	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025905 - TC - (STH 70 STAGE 4A).DWG
LAYOUT NAME - 03

PLOT DATE : 2/24/2022 2:28 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TRAFFIC CONTROL COVERING SIGN
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING DOUBLE LINE 4-INCH (YELLOW)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4B

REMOVE EXISTING PAVEMENT ON USH 53 SB/STH 70 EXIT AND ENTRANCE RAMPS. REMOVE STH 70 EB TEMPORARY GUARDRAIL, COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING.

STAGE 4B TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON STH 70 WB EXISTING ROADWAY.
SB RAMPS CLOSED IN STAGE 2B

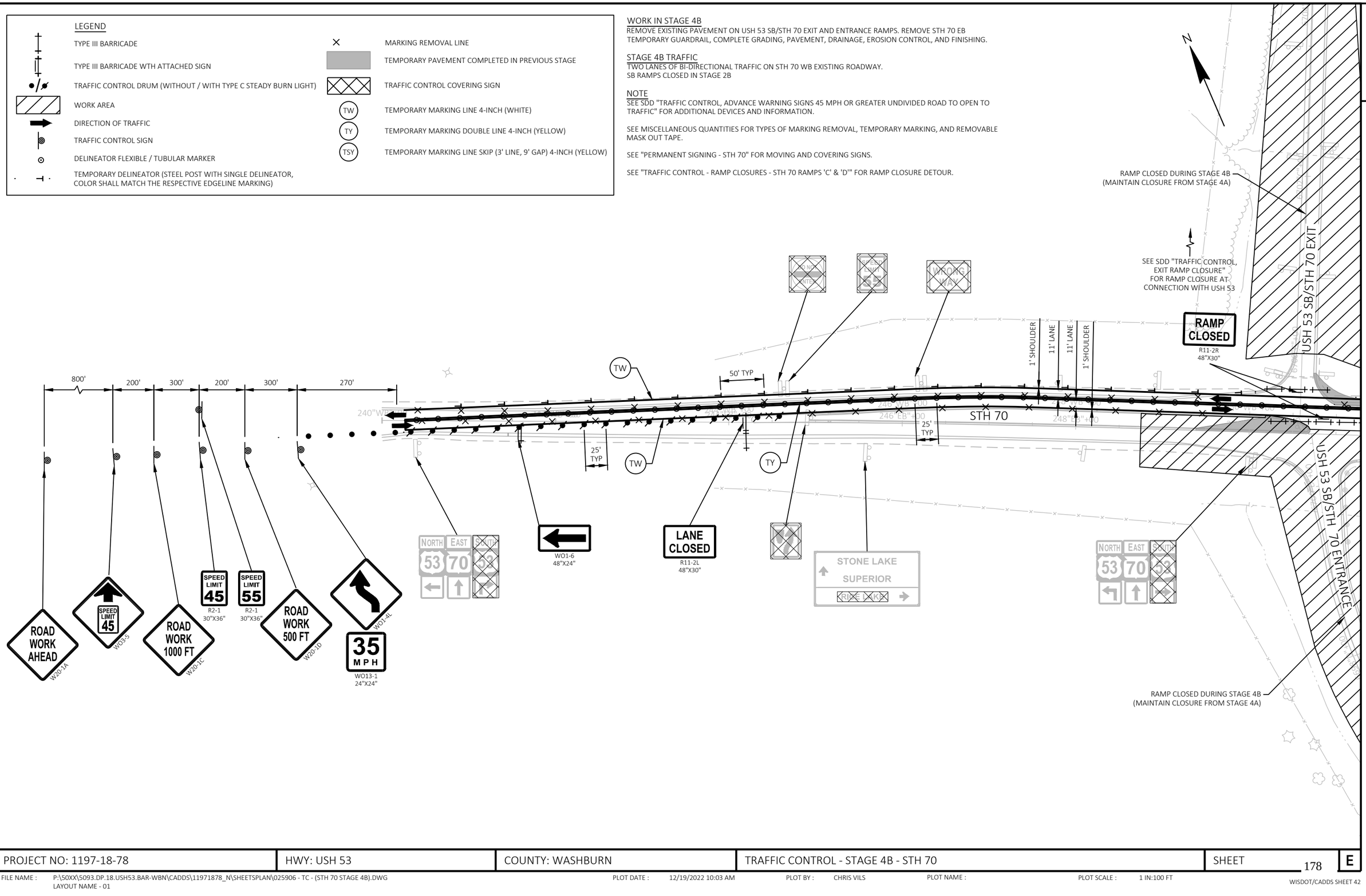
NOTE

SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD TO OPEN TO TRAFFIC" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.

SEE "TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'C' & 'D'" FOR RAMP CLOSURE DETOUR.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4B - STH 70	SHEET 178	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025906 - TC - (STH 70 STAGE 4B).DWG
LAYOUT NAME - 01

PLOT DATE : 12/19/2022 10:03 AM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

USH 53 NB/STH 70 ENTRANCE

USH 53 SB/STH 70 EXIT

SEE SDD "TRAFFIC CONTROL, EXIT RAMP CLOSURE" FOR RAMP CLOSURE AT CONNECTION WITH USH 53

RAMP CLOSED
R11-2R
48"X30"

W01-4L

35 MPH
WO13-1
24"X24"

COVER WITH SIGN D2
(SEE TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'C' & 'D')

SOUTH 53 WEST 70

SPOONER
RICE LAKE

WRONG WAY

COVER WITH SIGN D1
(SEE TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'C' & 'D')

SOUTH 53 WEST 70

SOUTH 53 WEST 70 NORTH 53

WRONG WAY

TW

TSY

TY

25' TYP

50' TYP

9' TYP

11' LANE
1' SHOULDER
11' LANE
1' SHOULDER

STH 70

USH 53 SB

USH 53 NB

USH 53 SB/STH 70 ENTRANCE

USH 53 NB/STH 70 EXIT

STOP
R1-1
30"X30"

LANE CLOSED
R11-2L
48"X30"

W01-4R

35 MPH
WO13-1
24"X24"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TRAFFIC CONTROL COVERING SIGN
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING DOUBLE LINE 4-INCH (YELLOW)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4B

REMOVE EXISTING PAVEMENT ON USH 53 SB/STH 70 EXIT AND ENTRANCE RAMPS. REMOVE STH 70 EB TEMPORARY GUARDRAIL, COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING.

STAGE 4B TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON STH 70 WB EXISTING ROADWAY.
SB RAMPS CLOSED IN STAGE 2B

NOTE

SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD TO OPEN TO TRAFFIC" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.

SEE "TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'C' & 'D'" FOR RAMP CLOSURE DETOUR.

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4B - STH 70	SHEET 179	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025906 - TC - (STH 70 STAGE 4B).DWG
LAYOUT NAME - 02

PLOT DATE : 12/19/2022 10:03 AM PLOT BY : CHRIS VILS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE
- TRAFFIC CONTROL COVERING SIGN
- TW — TEMPORARY MARKING LINE 4-INCH (WHITE)
- TY — TEMPORARY MARKING DOUBLE LINE 4-INCH (YELLOW)
- TSY — TEMPORARY MARKING LINE SKIP (3' LINE, 9' GAP) 4-INCH (YELLOW)

WORK IN STAGE 4B

REMOVE EXISTING PAVEMENT ON USH 53 SB/STH 70 EXIT AND ENTRANCE RAMPS. REMOVE STH 70 EB TEMPORARY GUARDRAIL, COMPLETE GRADING, PAVEMENT, DRAINAGE, EROSION CONTROL, AND FINISHING.

STAGE 4B TRAFFIC

TWO LANES OF BI-DIRECTIONAL TRAFFIC ON STH 70 WB EXISTING ROADWAY.
SB RAMPS CLOSED IN STAGE 2B

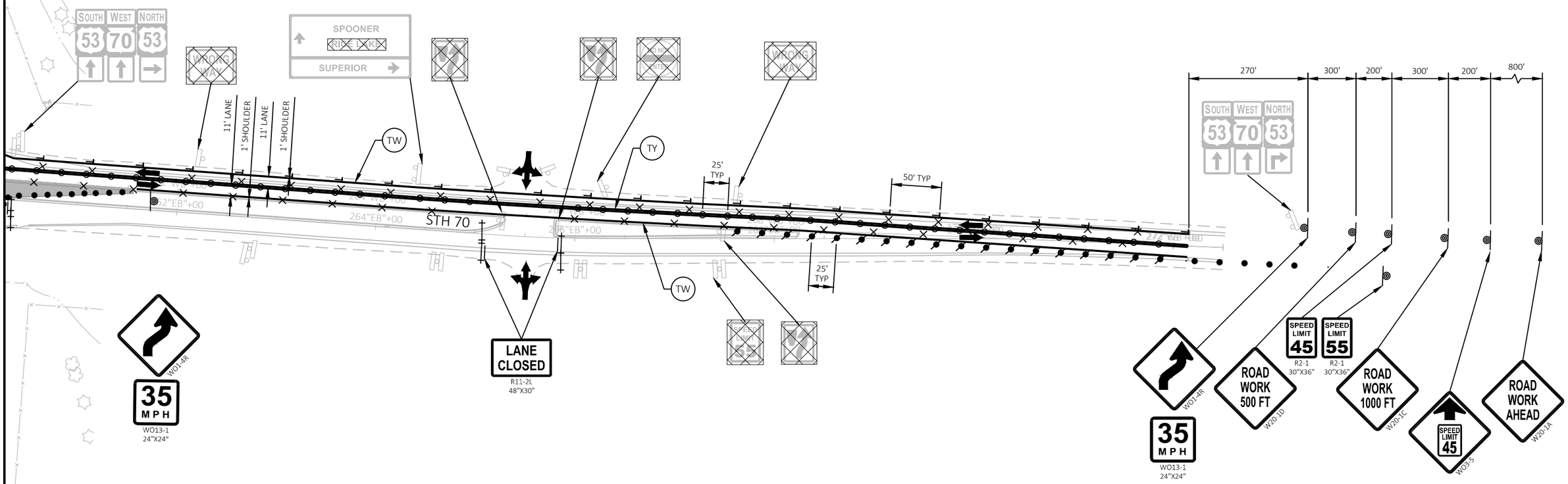
NOTE

SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD TO OPEN TO TRAFFIC" FOR ADDITIONAL DEVICES AND INFORMATION.

SEE MISCELLANEOUS QUANTITIES FOR TYPES OF MARKING REMOVAL, TEMPORARY MARKING, AND REMOVABLE MASK OUT TAPE.

SEE "PERMANENT SIGNING - STH 70" FOR MOVING AND COVERING SIGNS.

SEE "TRAFFIC CONTROL - RAMP CLOSURES - STH 70 RAMPS 'C' & 'D'" FOR RAMP CLOSURE DETOUR.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4B - STH 70	SHEET 180	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025906 - TC - (STH 70 STAGE 4B).DWG
LAYOUT NAME - 03

PLOT DATE : 2/28/2022 9:34 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE

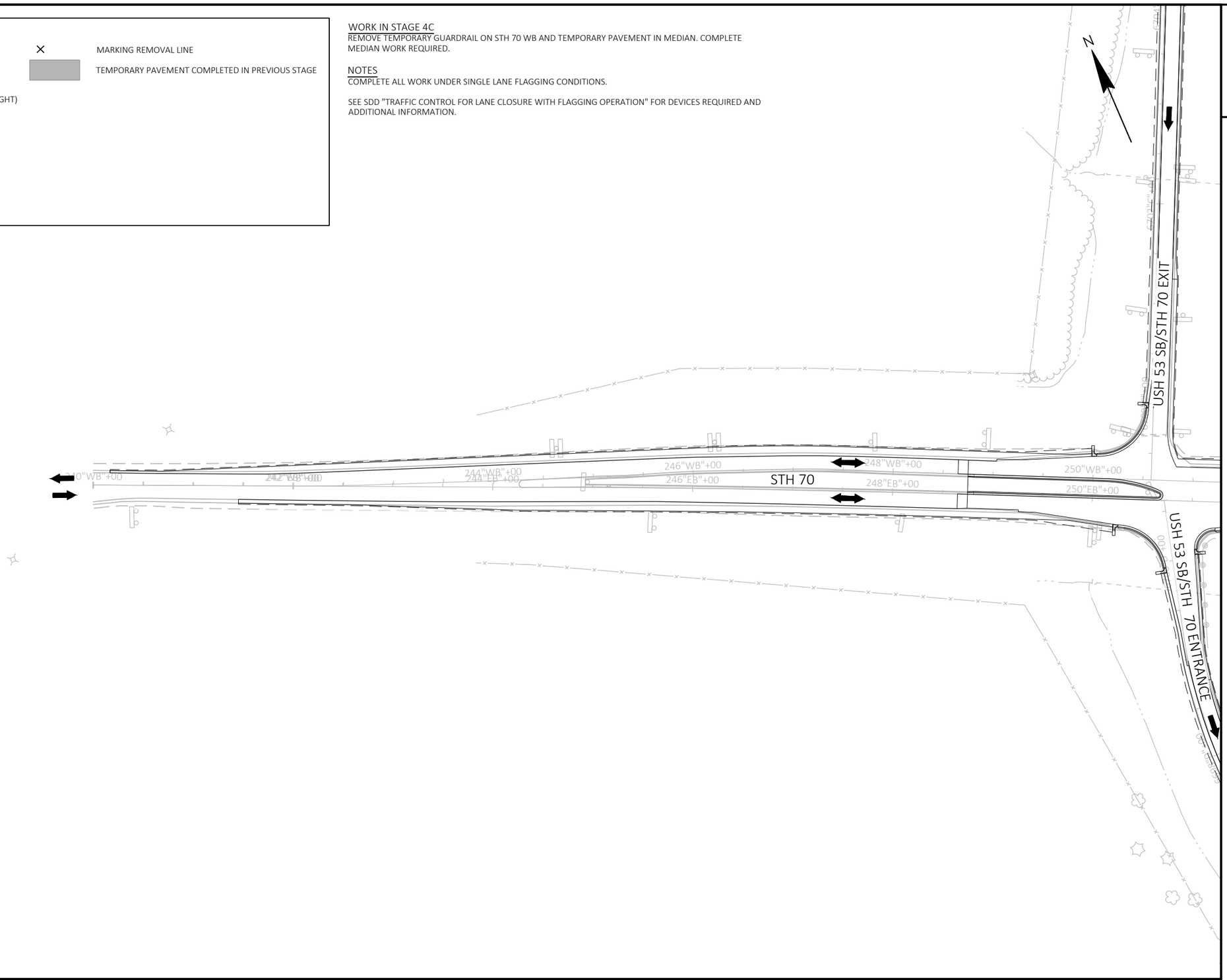
WORK IN STAGE 4C

REMOVE TEMPORARY GUARDRAIL ON STH 70 WB AND TEMPORARY PAVEMENT IN MEDIAN. COMPLETE MEDIAN WORK REQUIRED.

NOTES

COMPLETE ALL WORK UNDER SINGLE LANE FLAGGING CONDITIONS.

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR DEVICES REQUIRED AND ADDITIONAL INFORMATION.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4C - STH 70	SHEET 181	E

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)
- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)
- MARKING REMOVAL LINE
- TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE

WORK IN STAGE 4C

REMOVE TEMPORARY GUARDRAIL ON STH 70 WB AND TEMPORARY PAVEMENT IN MEDIAN. COMPLETE MEDIAN WORK REQUIRED.

NOTES

COMPLETE ALL WORK UNDER SINGLE LANE FLAGGING CONDITIONS.

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR DEVICES REQUIRED AND ADDITIONAL INFORMATION.

N

USH 53 SB/STH 70 EXIT

USH 53 SB/STH 70 ENTRANCE

USH 53 NB/STH 70 ENTRANCE

USH 53 NB/STH 70 EXIT

STH 70

USH 53 SB

USH 53 NB

RIPRAP

RESTORE MEDIAN
(SEE PAVING DETAILS FOR ITEMS REQUIRED AND LAYOUT INFORMATION)

25'
TYP

250"WB"+00
250"EB"+00
252"WB"+00
254"WB"+00
254"EB"+00
258"WB"+00
260"WB"+00
262"WB"+00
262"EB"+00
264"W
264"E

2

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4C - STH 70	SHEET 182	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025907 - TC - (STH 70 STAGE 4C).DWG
LAYOUT NAME - 02

PLOT DATE : 2/24/2022 2:31 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

TYPE III BARRICADE

TYPE III BARRICADE WTH ATTACHED SIGN

TRAFFIC CONTROL DRUM (WITHOUT / WITH TYPE C STEADY BURN LIGHT)

WORK AREA

DIRECTION OF TRAFFIC

TRAFFIC CONTROL SIGN

DELINEATOR FLEXIBLE / TUBULAR MARKER

TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR, COLOR SHALL MATCH THE RESPECTIVE EDGELINE MARKING)

MARKING REMOVAL LINE

TEMPORARY PAVEMENT COMPLETED IN PREVIOUS STAGE

WORK IN STAGE 4C

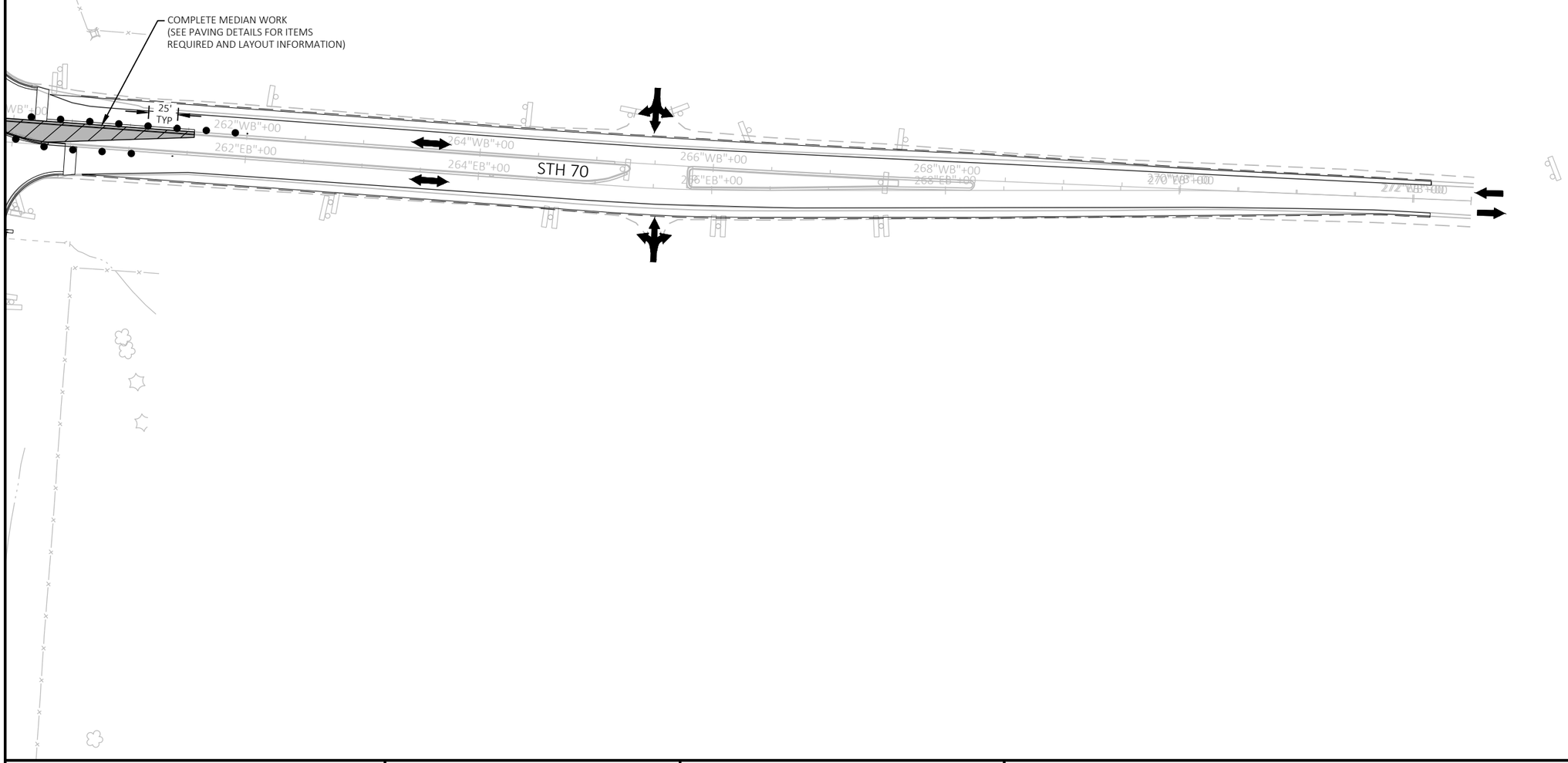
REMOVE TEMPORARY GUARDRAIL ON STH 70 EB AND TEMPORARY PAVEMENT IN MEDIAN. COMPLETE MEDIAN WORK REQUIRED.

NOTES

COMPLETE ALL WORK UNDER SINGLE LANE FLAGGING CONDITIONS.

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR DEVICES REQUIRED AND ADDITIONAL INFORMATION.

N

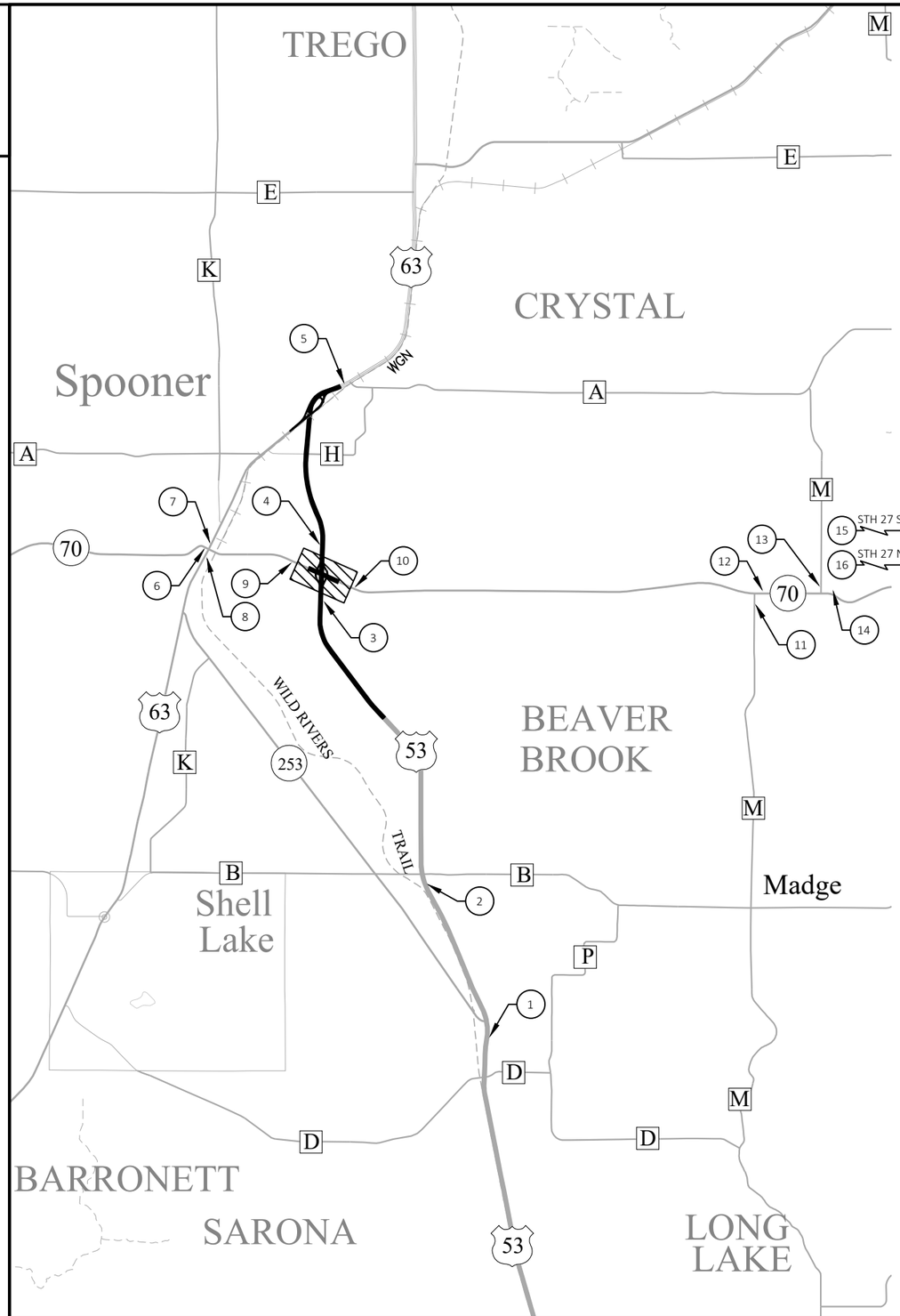


PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - STAGE 4C - STH 70	SHEET 183	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\025907 - TC - (STH 70 STAGE 4C).DWG
LAYOUT NAME - 03

PLOT DATE : 2/24/2022 2:31 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42



N

LEGEND

PROJECT AREA

WIDTH RESTRICTION WORK ZONE

NOTES FOR WIDTH RESTRICTION SIGNING

ALL TRAFFIC CONTROL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

POST THE WIDTH RESTRICTION ADVANCED WARNING SIGNS AT THE LOCATIONS PROVIDED DURING STAGES 2B, 2C1, 2C2, 2D, 2E, 4A, AND 4B.

SEE STH 70 TRAFFIC CONTROL SHEETS FOR ADDITIONAL SIGNS AND TRAFFIC CONTROL DEVICES.

ADVANCED WARNING FOR LANE WIDTH RESTRICTIONS

PLACE THE FOLLOWING ADVANCED WIDTH RESTRICTION WARNING SIGNS AT THE FOLLOWING LOCATIONS DURING THE STH 70 STAGES NOTED ABOVE.

2

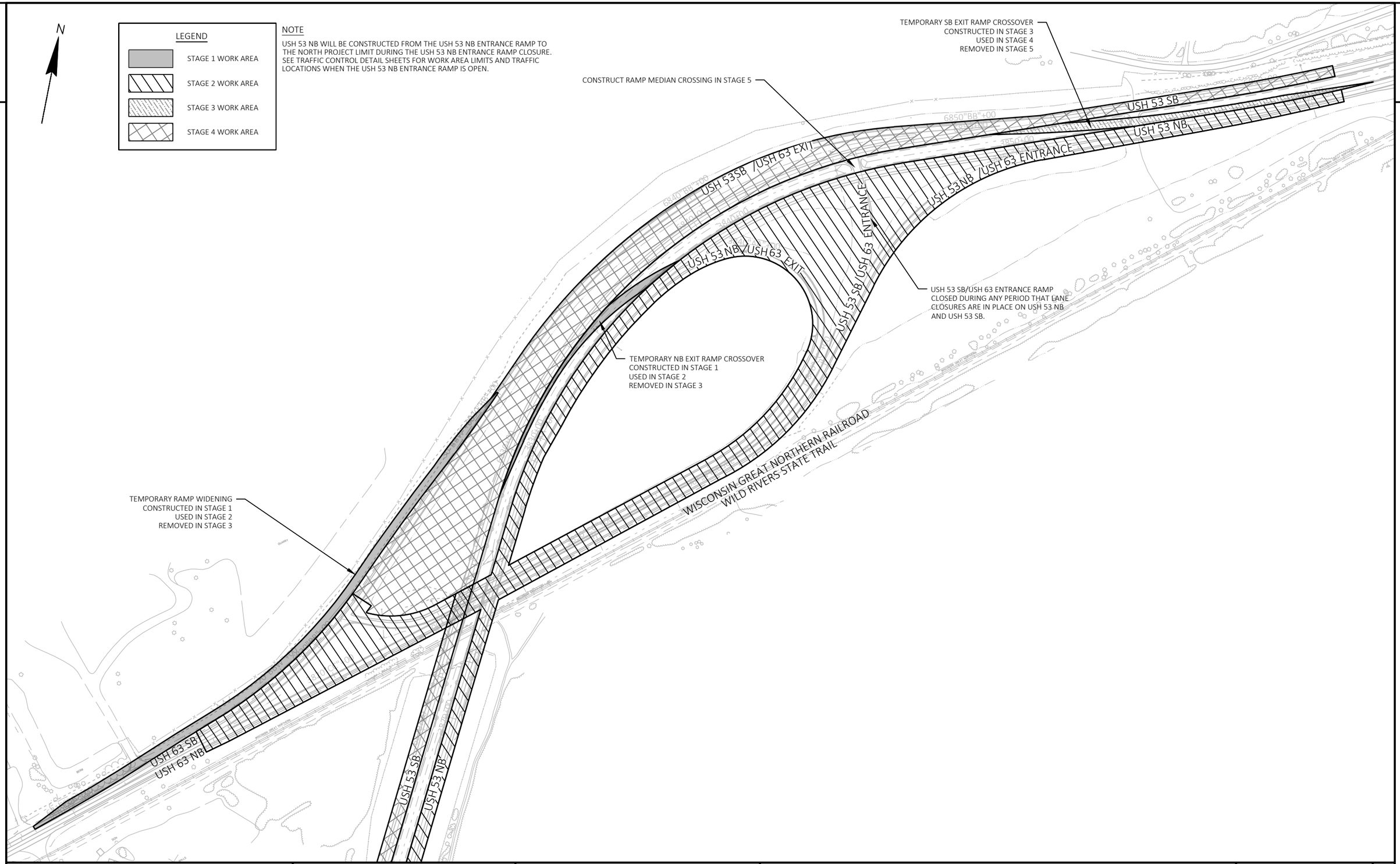
N

LEGEND

- STAGE 1 WORK AREA
- STAGE 2 WORK AREA
- STAGE 3 WORK AREA
- STAGE 4 WORK AREA

NOTE

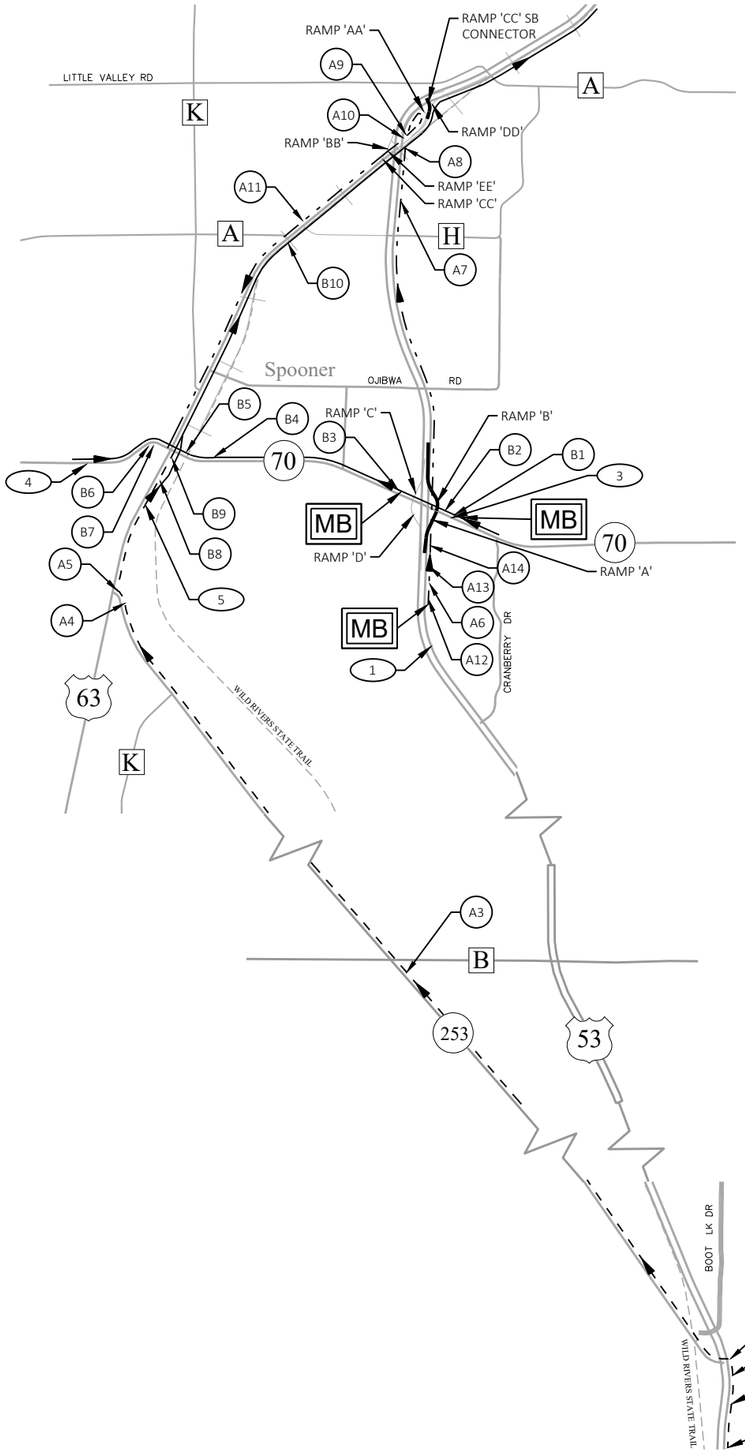
USH 53 NB WILL BE CONSTRUCTED FROM THE USH 53 NB ENTRANCE RAMP TO THE NORTH PROJECT LIMIT DURING THE USH 53 NB ENTRANCE RAMP CLOSURE. SEE TRAFFIC CONTROL DETAIL SHEETS FOR WORK AREA LIMITS AND TRAFFIC LOCATIONS WHEN THE USH 53 NB ENTRANCE RAMP IS OPEN.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TRAFFIC CONTROL - USH 63 INTERCHANGE - STAGING OVERVIEW	SHEET 185	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\026000 - TC - (USH 63 OVERVIEW).DWG
LAYOUT NAME - 01

PLOT DATE : 2/24/2022 3:15 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:300 FT





LEGEND

MB — TRAFFIC CONTROL SIGN PCMS

CLOSED RAMP

RAMP 'A' ROUTE - 1

RAMP 'A' ROUTE - 2

RAMP 'B' ROUTE

RAMP CLOSURE SUMMARY

RAMP 'A': STAGE 2C1, 2C2, 2D
RAMP 'B': STAGE 2C1, 2C2, 2D
RAMP 'CC': (SEE RAMP CLOSURE - USH 63 RAMP 'CC' SB CONNECTOR)

NOTES

RAMP 'CC' IS CLOSED DURING ALL USH 53 LANE CLOSURES. (SEE RAMP CLOSURE - USH 63 RAMP 'CC' SB CONNECTOR)

SEE TRAFFIC CONTROL WIDTH RESTRICTION SHEETS FOR ADDITIONAL SIGNING.

SEE STH 70 TRAFFIC CONTROL SHEETS FOR ADDITIONAL SIGNS AND TRAFFIC CONTROL DEVICES.

IN ADDITION TO THE DEVICES SHOWN ON THIS SHEET IMPLEMENT THE FOLLOWING DURING RAMP CLOSURES:

- FOR USH 53 ENTRANCE RAMP CLOSURES:
  - SEE DETAIL D OF SDD "BARRICADES AND SIGN FOR VARIOUS CLOSURES" FOR BARRICADES AND SIGNS AT THE RAMP INTERSECTIONS.
  - SEE TRAFFIC CONTROL DETAIL SHEETS FOR TRAFFIC CONTROL DEVICES, SIGNS, AND COVERING SIGNS DURING ENTRANCE RAMP CLOSURES.
- FOR USH 53 EXIT RAMP CLOSURES:
  - SEE SDD "TRAFFIC CONTROL EXIT RAMP CLOSURE" FOR TRAFFIC CONTROL DEVICES, SIGNS, AND COVERING TYPE I AND TYPE II SIGNS ON USH 53.

ADJUST TRAFFIC CONTROL PCMS MESSAGES AS NEEDED BASED ON CONSTRUCTION SCHEDULE.

CONSIDER GEOMETRICS WHEN LOCATING MESSAGE BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE BOARD FOR A MINIMUM OF 1,000 FEET IN FRONT OF THE MESSAGE BOARD. PLACE MESSAGE BOARDS AS FAR AWAY FROM LIVE TRAFFIC LANES AS POSSIBLE WITHOUT HAMPERING VISIBILITY.

PLACE TRAFFIC CONTROL SIGNS PCMS AND DISPLAY THE MESSAGE 7 DAYS PRIOR TO THE EXPECTED START OF THE PROPOSED WORK CLOSURES.

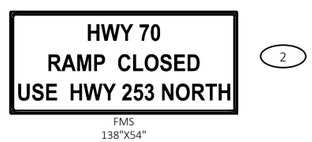
ROUTES AND SIGNING ON USH 53 ARE SHOWN ON THEIR RESPECTIVE SIDE OF THE DIVIDED ROADWAY. DURING RAMP CLOSURES TRAFFIC ON USH 53 WILL BE SINGLE-LANE BI-DIRECTIONAL ON ONE SIDE OF USH 53.

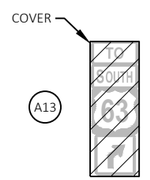
RAMP CLOSURE SIGNS

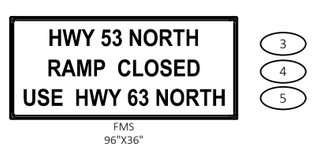
PLACE THE FOLLOWING SIGNS IN THE STAGES 2C1, 2C2 & 2D.

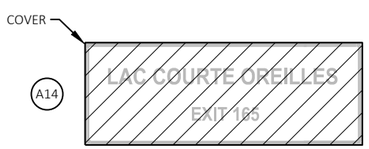


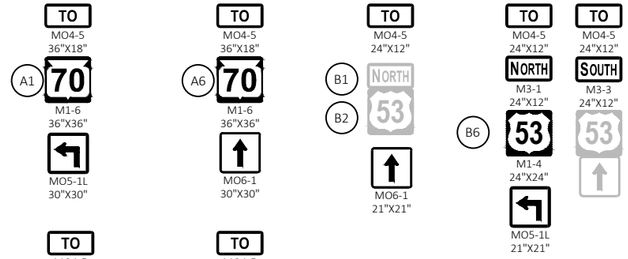


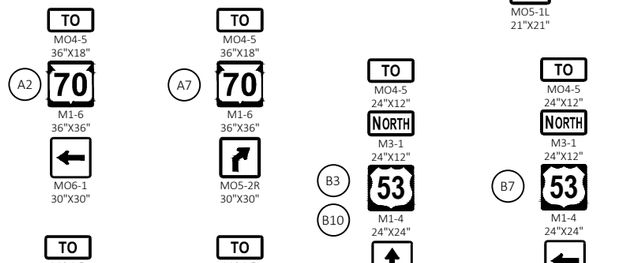




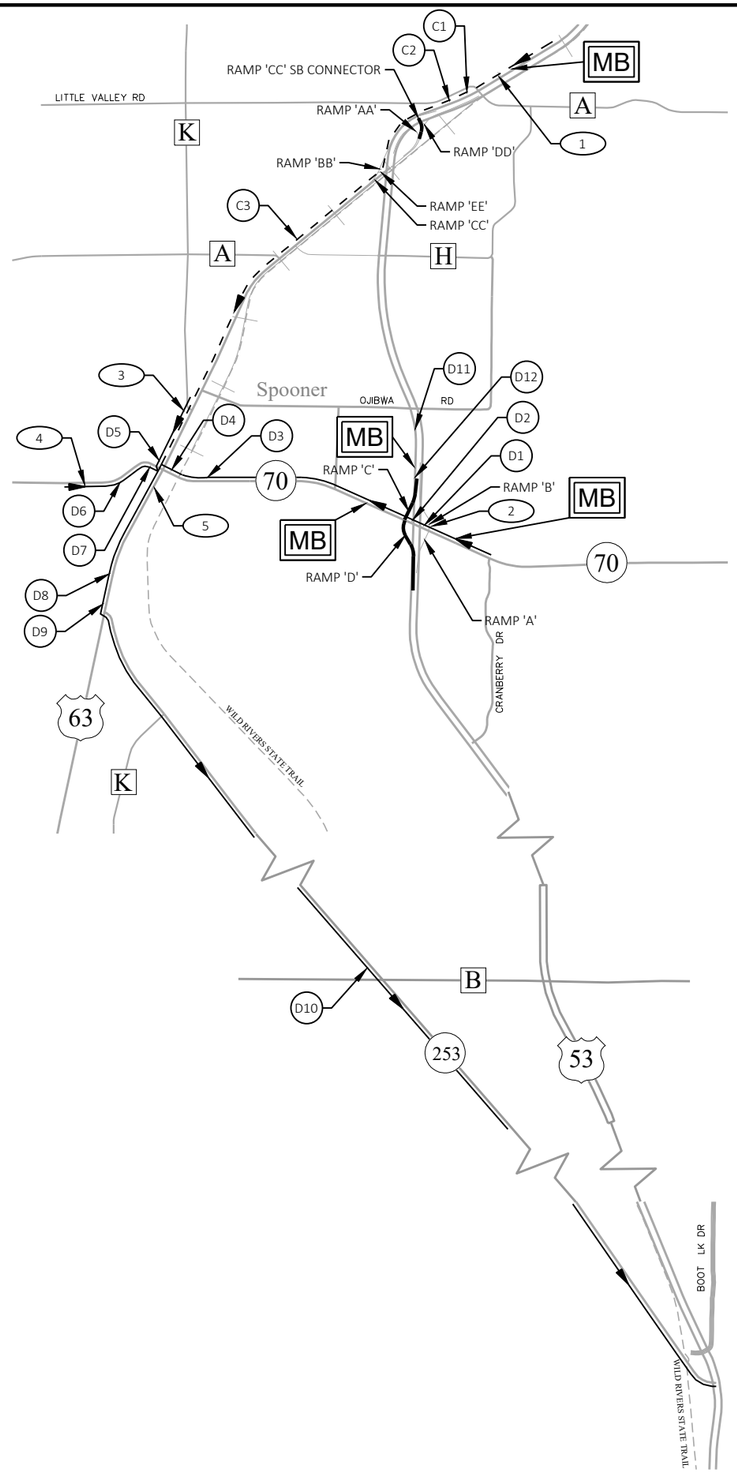








TRAFFIC CONTROL SIGNS PCMS MESSAGES				
	PRIOR TO USH 53 NB RAMP CLOSURE AT STH 70		DURING USH 53 NB RAMP CLOSURE AT STH 70	
PCMS SIGN LOCATION	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)
USH 53 NB (PRIOR TO STH 253)	--	--	HWY 70 RAMPS CLOSED	USE HWY 253 NORTH
USH 53 NB (PRIOR TO STH 70)	HWY 70 RAMPS TO CLOSE	XXXDAY XX XX XX	--	--
STH 70 EB	HWY 53 NB RAMPS TO CLOSE	XXXDAY XX XX XX	--	--
STH 70 WB	HWY 53 NB RAMPS TO CLOSE	XXXDAY XX XX XX	--	--



N

LEGEND

MB — TRAFFIC CONTROL SIGN PCMS

CLOSED RAMP

RAMP 'C' ROUTE - 1

RAMP 'D' ROUTE - 2

RAMP CLOSURE SUMMARY

RAMP 'C': STAGE 4A & 4B
RAMP 'D': STAGE 4A & 4B
RAMP 'CC': (SEE RAMP CLOSURE - USH 63 RAMP 'CC' SB CONNECTOR)

NOTES

RAMP 'CC' IS CLOSED DURING ALL USH 53 LANE CLOSURES. (SEE RAMP CLOSURE - USH 63 RAMP 'CC' SB CONNECTOR)

SEE TRAFFIC CONTROL WIDTH RESTRICTION SHEETS FOR ADDITIONAL SIGNING.

SEE STH 70 TRAFFIC CONTROL SHEETS FOR ADDITIONAL SIGNS AND TRAFFIC CONTROL DEVICES.

IN ADDITION TO THE DEVICES SHOWN ON THIS SHEET IMPLEMENT THE FOLLOWING DURING RAMP CLOSURES:

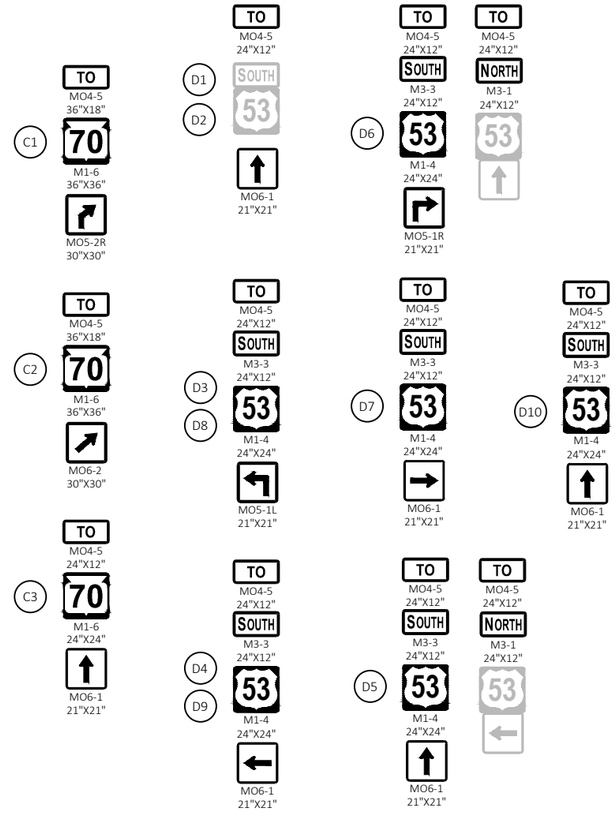
- FOR USH 53 ENTRANCE RAMP CLOSURES:
  - SEE DETAIL D OF SDD "BARRICADES AND SIGN FOR VARIOUS CLOSURES" FOR BARRICADES AND SIGNS AT THE RAMP INTERSECTIONS.
  - SEE TRAFFIC CONTROL DETAIL SHEETS FOR TRAFFIC CONTROL DEVICES, SIGNS, AND COVERING SIGNS DURING ENTRANCE RAMP CLOSURES.
- FOR USH 53 EXIT RAMP CLOSURES:
  - SEE SDD "TRAFFIC CONTROL EXIT RAMP CLOSURE" FOR TRAFFIC CONTROL DEVICES, SIGNS, AND COVERING TYPE I AND TYPE II SIGNS ON USH 53.

ADJUST TRAFFIC CONTROL PCMS MESSAGES AS NEEDED BASED ON CONSTRUCTION SCHEDULE.

CONSIDER GEOMETRICS WHEN LOCATING MESSAGE BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE BOARD FOR A MINIMUM OF 1,000 FEET IN FRONT OF THE MESSAGE BOARD. PLACE MESSAGE BOARDS AS FAR AWAY FROM LIVE TRAFFIC LANES AS POSSIBLE WITHOUT HAMPERING VISIBILITY.

PLACE TRAFFIC CONTROL SIGNS PCMS AND DISPLAY THE MESSAGE 7 DAYS PRIOR TO THE EXPECTED START OF THE PROPOSED WORK CLOSURES.

ROUTES AND SIGNING ON USH 53 ARE SHOWN ON THEIR RESPECTIVE SIDE OF THE DIVIDED ROADWAY. DURING RAMP CLOSURES TRAFFIC ON USH 53 WILL BE SINGLE-LANE BI-DIRECTIONAL ON ONE SIDE OF USH 53.



RAMP CLOSURE SIGNS

PLACE THE FOLLOWING SIGNS IN THE STAGES 4A & 4B.

1

HWY 70
RAMP CLOSED
USE EXIT 168

G20-56
120"X54"

2
4

HWY 53 SOUTH
RAMP CLOSED
USE HWY 63/253 SOUTH

FMS
96"X36"

3

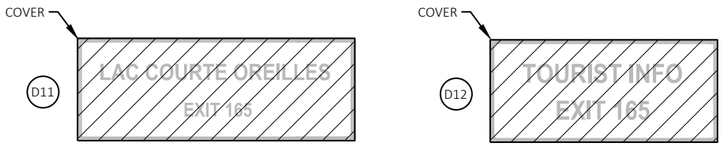
HWY 70 RAMP TO
HWY 53 SOUTH CLOSED
USE HWY 63/253 SOUTH

FMS
96"X36"

5

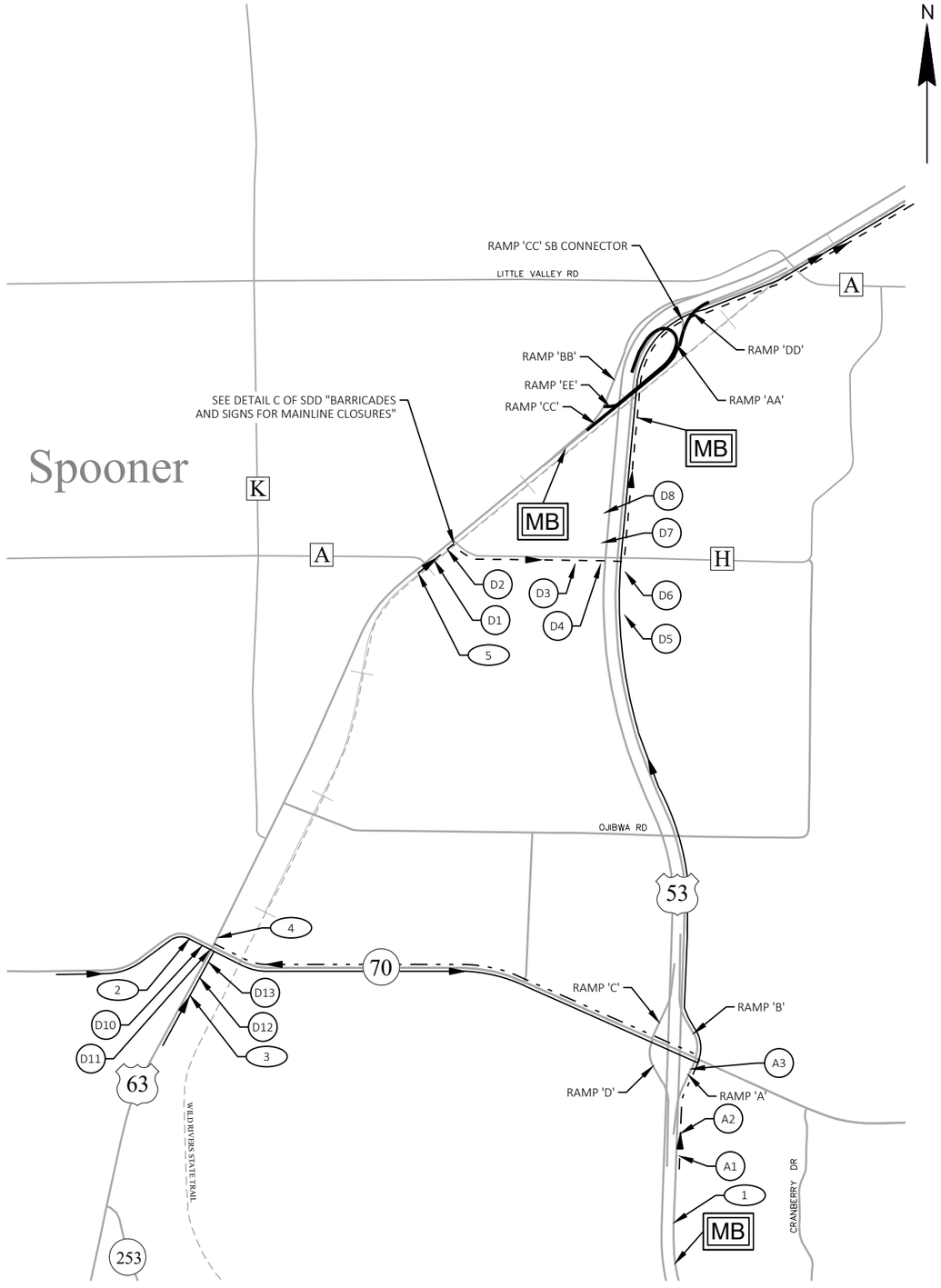
HWY 70 RAMP TO
HWY 53 SOUTH CLOSED
USE HWY 63

FMS
90"X36"



TRAFFIC CONTROL SIGNS PCMS MESSAGES

	PRIOR TO USH 53 SB RAMP CLOSURE AT STH 70		DURING USH 53 SB RAMP CLOSURE AT STH 70	
PCMS SIGN LOCATION	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)
USH 53 SB (PRIOR TO USH 63)	--	--	HWY 70 RAMPS CLOSED	USE HWY 63 SOUTH
USH 53 SB (PRIOR TO STH 70)	HWY 70 RAMPS TO CLOSE	XXXDAY XX XX XX	--	--
STH 70 EB	HWY 53 SB RAMPS TO CLOSE	XXXDAY XX XX XX	--	--
STH 70 WB	HWY 53 SB RAMPS TO CLOSE	XXXDAY XX XX XX	--	--



LEGEND

MB — TRAFFIC CONTROL SIGN PCMS

CLOSED RAMP

RAMP 'AA' ROUTE

RAMP 'DD' ROUTE - 1

RAMP 'DD' ROUTE - 2

RAMP CLOSURE SUMMARY

RAMP 'AA': STAGE 2
RAMP 'CC': (SEE RAMP CLOSURE - USH 63 RAMP 'CC' SB CONNECTOR)
RAMP 'DD': STAGE 2
RAMP 'EE': STAGE 2

NOTES

RAMP 'CC' IS CLOSED DURING ALL USH 53 LANE CLOSURES. (SEE RAMP CLOSURE - USH 63 RAMP 'CC' SB CONNECTOR)

SEE TRAFFIC CONTROL WIDTH RESTRICTION SHEETS FOR ADDITIONAL SIGNING.

SEE STH 70 TRAFFIC CONTROL SHEETS FOR ADDITIONAL SIGNS AND TRAFFIC CONTROL DEVICES.

IN ADDITION TO THE DEVICES SHOWN ON THIS SHEET IMPLEMENT THE FOLLOWING DURING RAMP CLOSURES:

- FOR USH 53 ENTRANCE RAMP CLOSURES:
  - SEE DETAIL D OF SDD "BARRICADES AND SIGN FOR VARIOUS CLOSURES" FOR BARRICADES AND SIGNS AT THE RAMP INTERSECTIONS.
  - SEE TRAFFIC CONTROL DETAIL SHEETS FOR TRAFFIC CONTROL DEVICES, SIGNS, AND COVERING SIGNS DURING ENTRANCE RAMP CLOSURES.
- FOR USH 53 EXIT RAMP CLOSURES:
  - SEE SDD "TRAFFIC CONTROL EXIT RAMP CLOSURE" FOR TRAFFIC CONTROL DEVICES, SIGNS, AND COVERING TYPE I AND TYPE II SIGNS ON USH 53.

ADJUST TRAFFIC CONTROL PCMS MESSAGES AS NEEDED BASED ON CONSTRUCTION SCHEDULE.

CONSIDER GEOMETRICS WHEN LOCATING MESSAGE BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE BOARD FOR A MINIMUM OF 1,000 FEET IN FRONT OF THE MESSAGE BOARD. PLACE MESSAGE BOARDS AS FAR AWAY FROM LIVE TRAFFIC LANES AS POSSIBLE WITHOUT HAMPERING VISIBILITY.

PLACE TRAFFIC CONTROL SIGNS PCMS AND DISPLAY THE MESSAGE 7 DAYS PRIOR TO THE EXPECTED START OF THE PROPOSED WORK CLOSURES.

ROUTES AND SIGNING ON USH 53 ARE SHOWN ON THEIR RESPECTIVE SIDE OF THE DIVIDED ROADWAY. DURING RAMP CLOSURES TRAFFIC ON USH 53 WILL BE SINGLE-LANE BI-DIRECTIONAL ON ONE SIDE OF USH 53.

RAMP CLOSURE SIGNS

PLACE THE FOLLOWING SIGNS IN STAGE 2 DURING RAMP CLOSURES.

1 — HWY 63 / RAMP CLOSED / USE EXIT 165
G20-56
120"X54"

2, 3 — HWY 63 RAMPS CLOSED USE HWY 70 TO ACCESS HWY 53
FMS
90"X36"

5 — HWY 63 / RAMPS CLOSED / USE HWY H
FMS
78"X36"

4 — ROAD CLOSED 1 3/4 MILES AHEAD LOCAL TRAFFIC ONLY
R11-3
60"X30"

ROAD OPEN TO HOSPITAL
R10-61
60"X30"

A1, A2, A3: TO MO4-5 36"X18" / M1-4 36"X36" / MO5-2R 30"X30", MO6-2 30"X30", MO6-1 21"X21"

D1, D2: TO MO4-5 24"X12" / NORTH M3-1 24"X12" / 53 M1-4 24"X24" / 63 M1-4 24"X24" / MO5-1R 21"X21" / MO6-1 21"X21"

D6, D7: W2-1 30"X30"

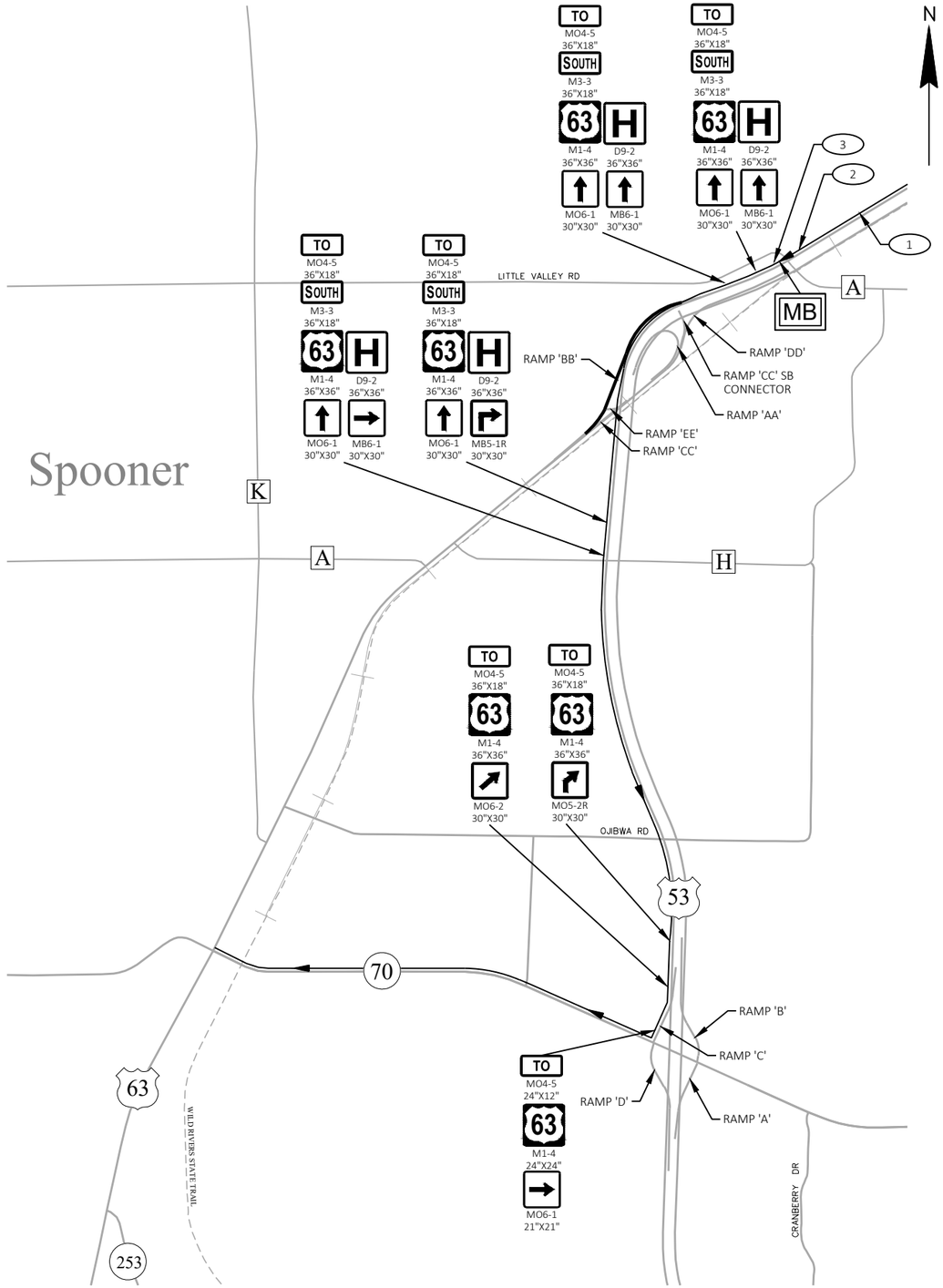
D3, D4: NORTH M3-1 24"X12" / 63 M1-4 24"X24" / MO5-1L 21"X21" / MO6-1 21"X21"

D5, D8: WATCH FOR ENTERING TRAFFIC
W8-75
114"X60"

D10, D11, D12, D13: TO MO4-5 24"X12" / 53 M1-4 24"X24" / MO6-1 21"X21"

TRAFFIC CONTROL SIGNS PCMS MESSAGES

	PRIOR TO RAMP 'AA', 'DD', & 'EE' CLOSURES		DURING RAMP 'AA', 'DD', & 'EE' CLOSURES	
PCMS SIGN LOCATION	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)
USH 53 NB (SOUTH OF STH 70)	--	--	HWY 63 RAMPS CLOSED	USE EXIT 165
USH 63 NB	HWY 53 RAMPS TO CLOSE	XXXDAY XX XX XX	--	--
USH 53 NB (PRIOR TO USH 63)	HWY 63 RAMPS TO CLOSE	XXXDAY XX XX XX	--	--



LEGEND

MB — TRAFFIC CONTROL SIGN PCMS

CLOSED RAMP

RAMP 'BB' ROUTE

RAMP CLOSURE SUMMARY

RAMP 'BB': STAGE 4

RAMP 'CC': (SEE RAMP CLOSURE - USH 63 RAMP 'CC' SB CONNECTOR)

NOTES

RAMP 'CC' IS CLOSED DURING ALL LANE CLOSURES. (SEE RAMP CLOSURE - USH 63 RAMP 'CC' SB CONNECTOR)

SEE TRAFFIC CONTROL WIDTH RESTRICTION SHEETS FOR ADDITIONAL SIGNING.

SEE STH 70 TRAFFIC CONTROL SHEETS FOR ADDITIONAL SIGNS AND TRAFFIC CONTROL DEVICES.

IN ADDITION TO THE DEVICES SHOWN ON THIS SHEET IMPLEMENT THE FOLLOWING DURING RAMP CLOSURES:

- FOR USH 53 EXIT RAMP CLOSURES:
  - SEE SDD "TRAFFIC CONTROL EXIT RAMP CLOSURE" FOR TRAFFIC CONTROL DEVICES, SIGNS, AND COVERING TYPE I AND TYPE II SIGNS ON USH 53.

ADJUST TRAFFIC CONTROL PCMS MESSAGES AS NEEDED BASED ON CONSTRUCTION SCHEDULE.

CONSIDER GEOMETRICS WHEN LOCATING MESSAGE BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE BOARD FOR A MINIMUM OF 1,000 FEET IN FRONT OF THE MESSAGE BOARD. PLACE MESSAGE BOARDS AS FAR AWAY FROM LIVE TRAFFIC LANES AS POSSIBLE WITHOUT HAMPERING VISIBILITY.

PLACE TRAFFIC CONTROL SIGNS PCMS AND DISPLAY THE MESSAGE 7 DAYS PRIOR TO THE EXPECTED START OF THE PROPOSED WORK CLOSURES.

ROUTES AND SIGNING ON USH 53 ARE SHOWN ON THEIR RESPECTIVE SIDE OF THE DIVIDED ROADWAY. DURING RAMP CLOSURES TRAFFIC ON USH 53 WILL BE SINGLE-LANE BI-DIRECTIONAL ON ONE SIDE OF USH 53.

RAMP CLOSURE SIGNS

PLACE THE FOLLOWING SIGNS IN STAGE 4.

HWY 63
RAMP CLOSED
USE EXIT 165

FMS 120"X54" — 1

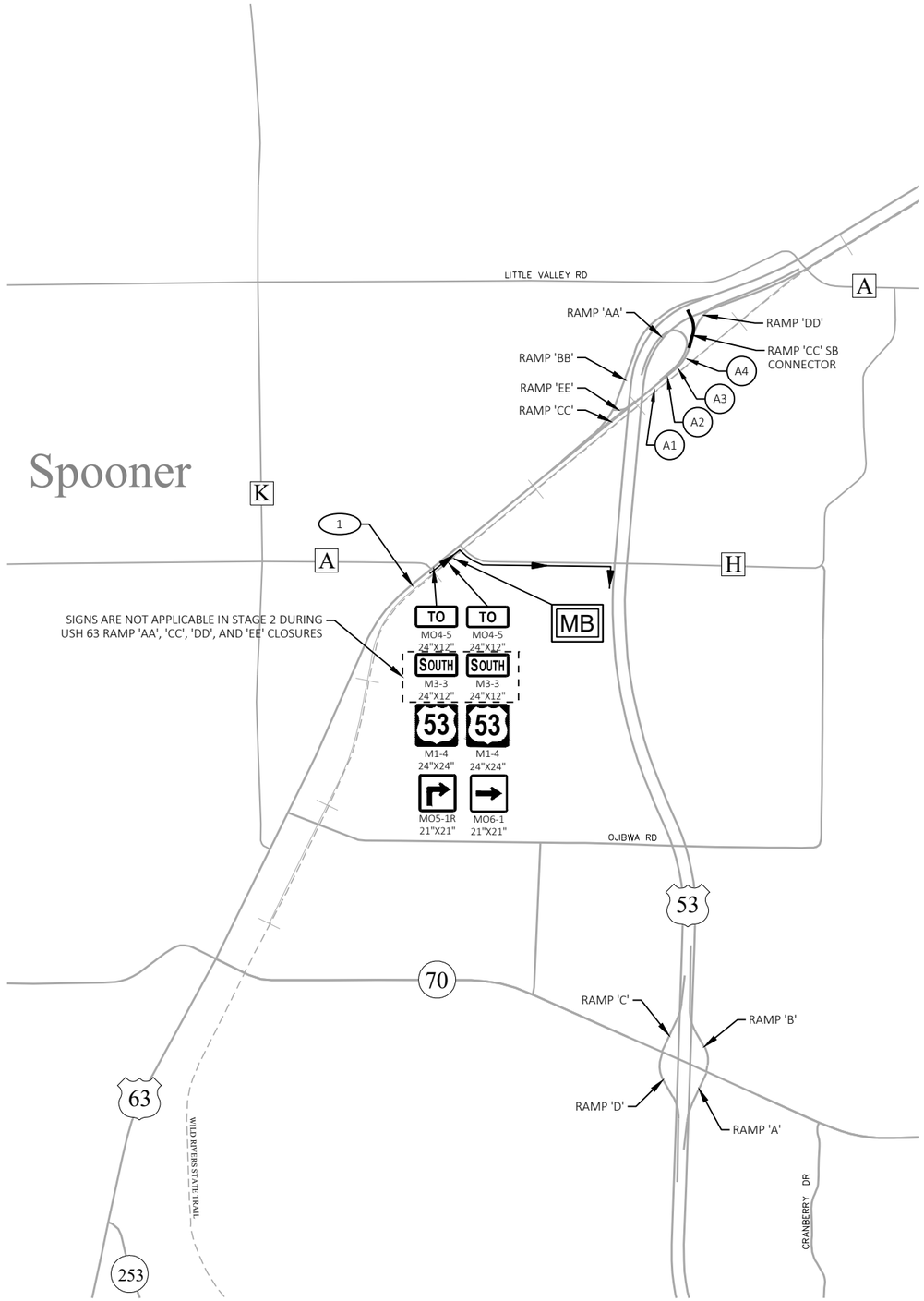
HOSPITAL
USE HWY H

FMS 96"X42" — 2

COVER

HOSPITAL EXIT 168 — 3

TRAFFIC CONTROL SIGNS PCMS MESSAGES		
	PRIOR TO USH 53 SB RAMP CLOSURE AT USH 63	
PCMS SIGN LOCATION	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)
USH 53 SB	HWY 63 RAMP TO CLOSE	XXXDAY XX XX XX



LEGEND

MB — TRAFFIC CONTROL SIGN PCMS

CLOSED RAMP

RAMP 'CC' ROUTE

RAMP CLOSURE SUMMARY

RAMP 'CC' CONNECTOR: STAGES 1-5 (DURING PERIODS OF USH 53 LANE CLOSURES OR BI-DIRECTIONAL TRAFFIC THROUGH THE INTERCHANGE)

NOTES

RAMP 'CC' CONNECTOR IS CLOSED DURING ALL USH 53 LANE CLOSURES.

IN ADDITION TO THE DEVICES SHOWN ON THIS SHEET IMPLEMENT THE FOLLOWING DURING RAMP CLOSURES:

- FOR USH 53 ENTRANCE RAMP CLOSURES:
  - SEE DETAIL D OF SDD "BARRICADES AND SIGN FOR VARIOUS CLOSURES" FOR BARRICADES AND SIGNS AT THE RAMP INTERSECTIONS.
  - SEE TRAFFIC CONTROL DETAIL SHEETS FOR TRAFFIC CONTROL DEVICES, SIGNS, AND COVERING SIGNS DURING ENTRANCE RAMP CLOSURES.

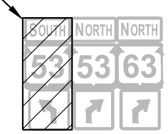
ADJUST TRAFFIC CONTROL PCMS MESSAGES AS NEEDED BASED ON CONSTRUCTION SCHEDULE.

CONSIDER GEOMETRICS WHEN LOCATING MESSAGE BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE BOARD FOR A MINIMUM OF 1,000 FEET IN FRONT OF THE MESSAGE BOARD. PLACE MESSAGE BOARDS AS FAR AWAY FROM LIVE TRAFFIC LANES AS POSSIBLE WITHOUT HAMPERING VISIBILITY.

PLACE TRAFFIC CONTROL SIGNS PCMS AND DISPLAY THE MESSAGE 7 DAYS PRIOR TO THE EXPECTED START OF THE PROPOSED WORK.

COVER

A1



COVER

A2



A3



COVER

A4



RAMP CLOSURE SIGNS

PLACE THE FOLLOWING SIGNS IN STAGES 1-5 (DURING PERIODS OF USH 53 LANE CLOSURES OR BI-DIRECTIONAL TRAFFIC THROUGH THE INTERCHANGE)

HWY 53 SOUTH
RAMP CLOSED
USE HWY H

FMS
72"X36"

1

TRAFFIC CONTROL SIGNS PCMS MESSAGES		
	PRIOR TO USH 53 SB RAMP CLOSURE AT USH 63	
PCMS SIGN LOCATION	PHASE 1 (2 SEC)	PHASE 2 (2 SEC)
USH 63 NB	HWY 53 SB RAMP TO CLOSE	XXXDAY XX XX XX

2

2

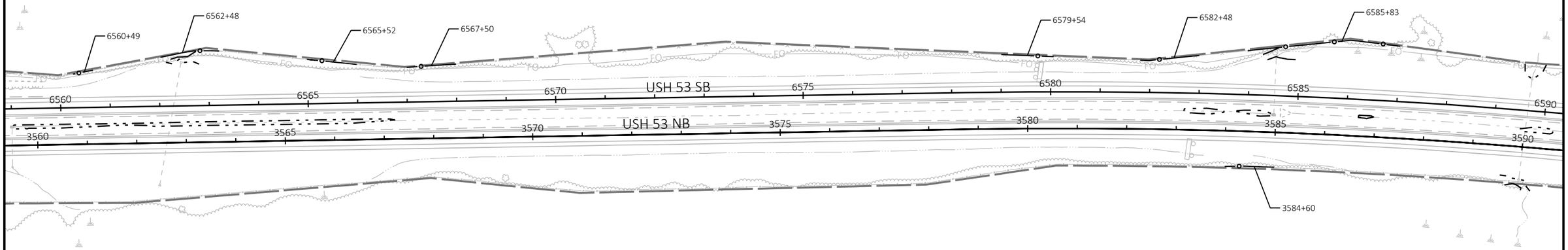
LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

NOTES

STATION LABELS INDICATE APPROXIMATE CENTER OF FENCE SECTION TO BE REMOVED AND REPLACED. ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES. EXACT LIMITS TO BE DETERMINED BY THE ENGINEER IN THE FIELD. SEE MISCELLANEOUS QUANTITIES FOR APPROXIMATE LENGTHS.

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	FENCING	SHEET 191	E

2

2

LEGEND

DELINEATED WETLAND BOUNDARY

EXISTING R/W

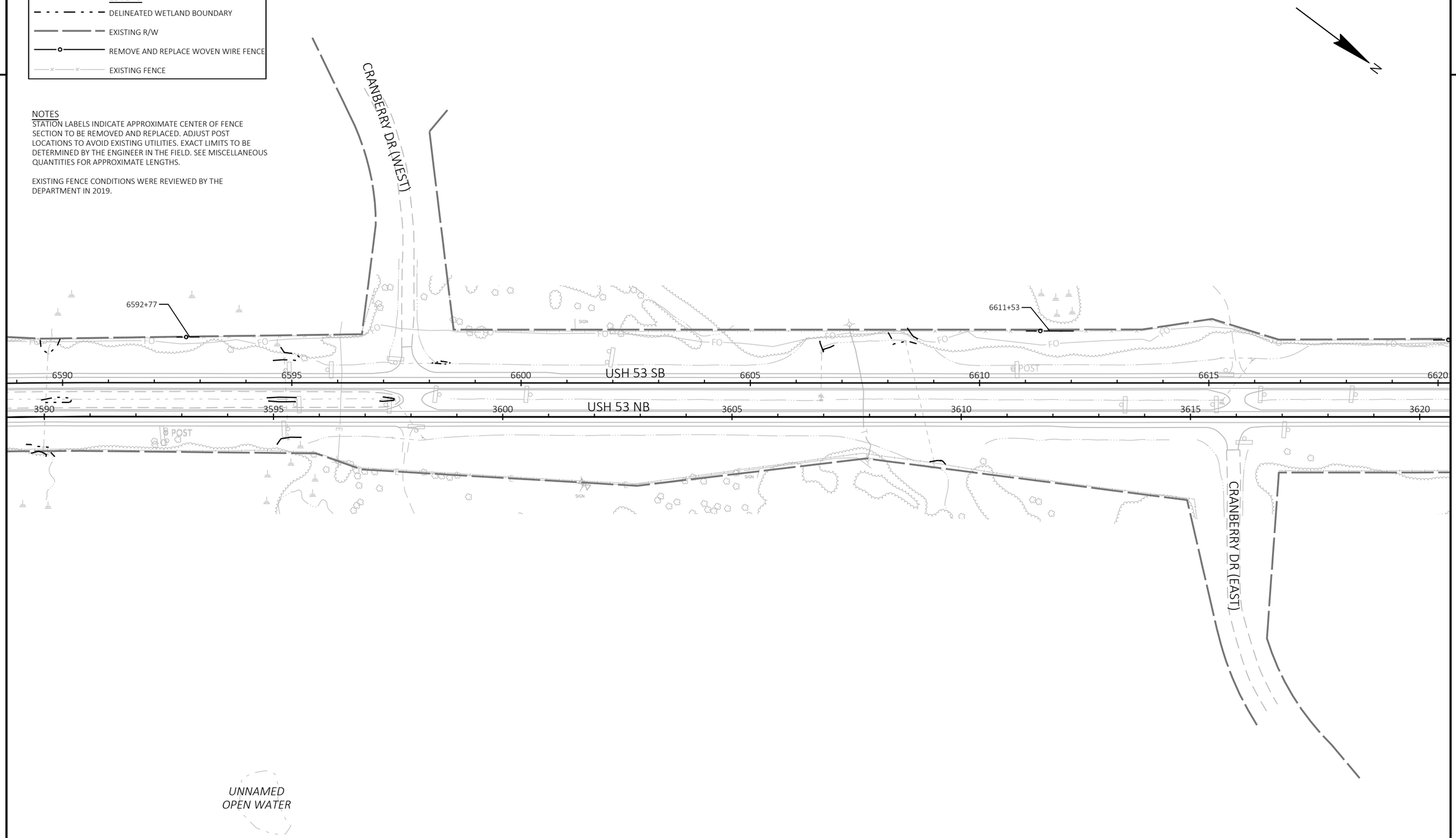
REMOVE AND REPLACE WOVEN WIRE FENCE

EXISTING FENCE

NOTES

STATION LABELS INDICATE APPROXIMATE CENTER OF FENCE SECTION TO BE REMOVED AND REPLACED. ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES. EXACT LIMITS TO BE DETERMINED BY THE ENGINEER IN THE FIELD. SEE MISCELLANEOUS QUANTITIES FOR APPROXIMATE LENGTHS.

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	FENCING	SHEET 192	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 02

PLOT DATE : 2/28/2022 8:37 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

2

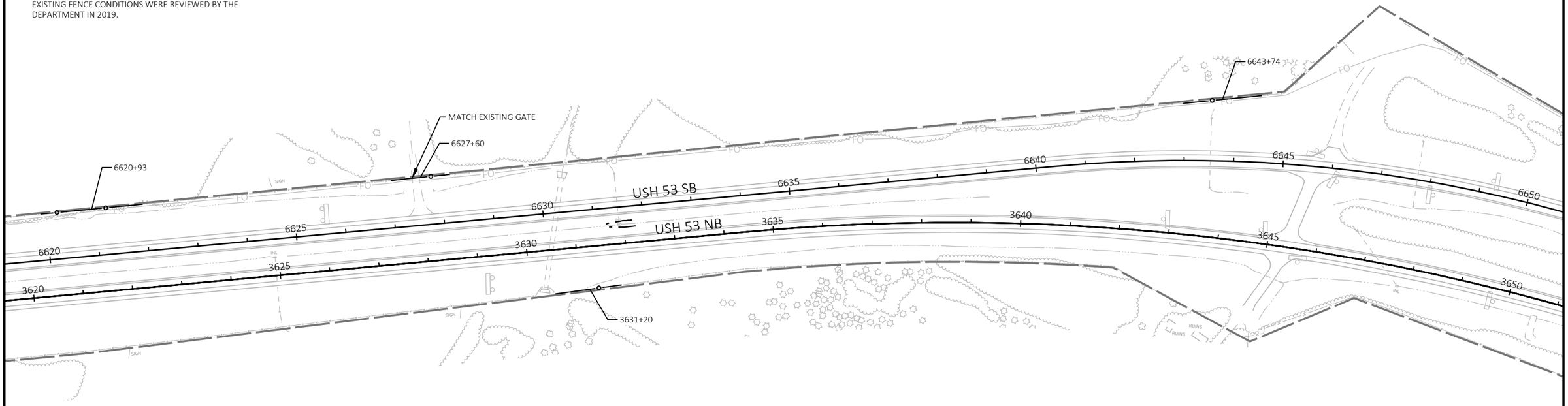
LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

NOTES

STATION LABELS INDICATE APPROXIMATE CENTER OF FENCE SECTION TO BE REMOVED AND REPLACED. ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES. EXACT LIMITS TO BE DETERMINED BY THE ENGINEER IN THE FIELD. SEE MISCELLANEOUS QUANTITIES FOR APPROXIMATE LENGTHS.

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	FENCING	SHEET 193	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 03

PLOT DATE : 2/28/2022 8:38 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

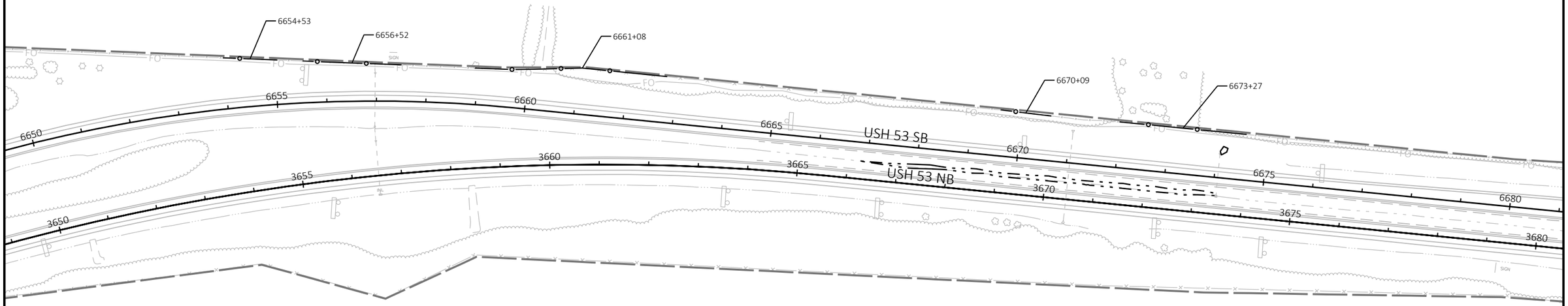
LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

NOTES

STATION LABELS INDICATE APPROXIMATE CENTER OF FENCE SECTION TO BE REMOVED AND REPLACED. ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES. EXACT LIMITS TO BE DETERMINED BY THE ENGINEER IN THE FIELD. SEE MISCELLANEOUS QUANTITIES FOR APPROXIMATE LENGTHS.

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	FENCING	SHEET 194	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 04

PLOT DATE : 2/28/2022 8:38 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

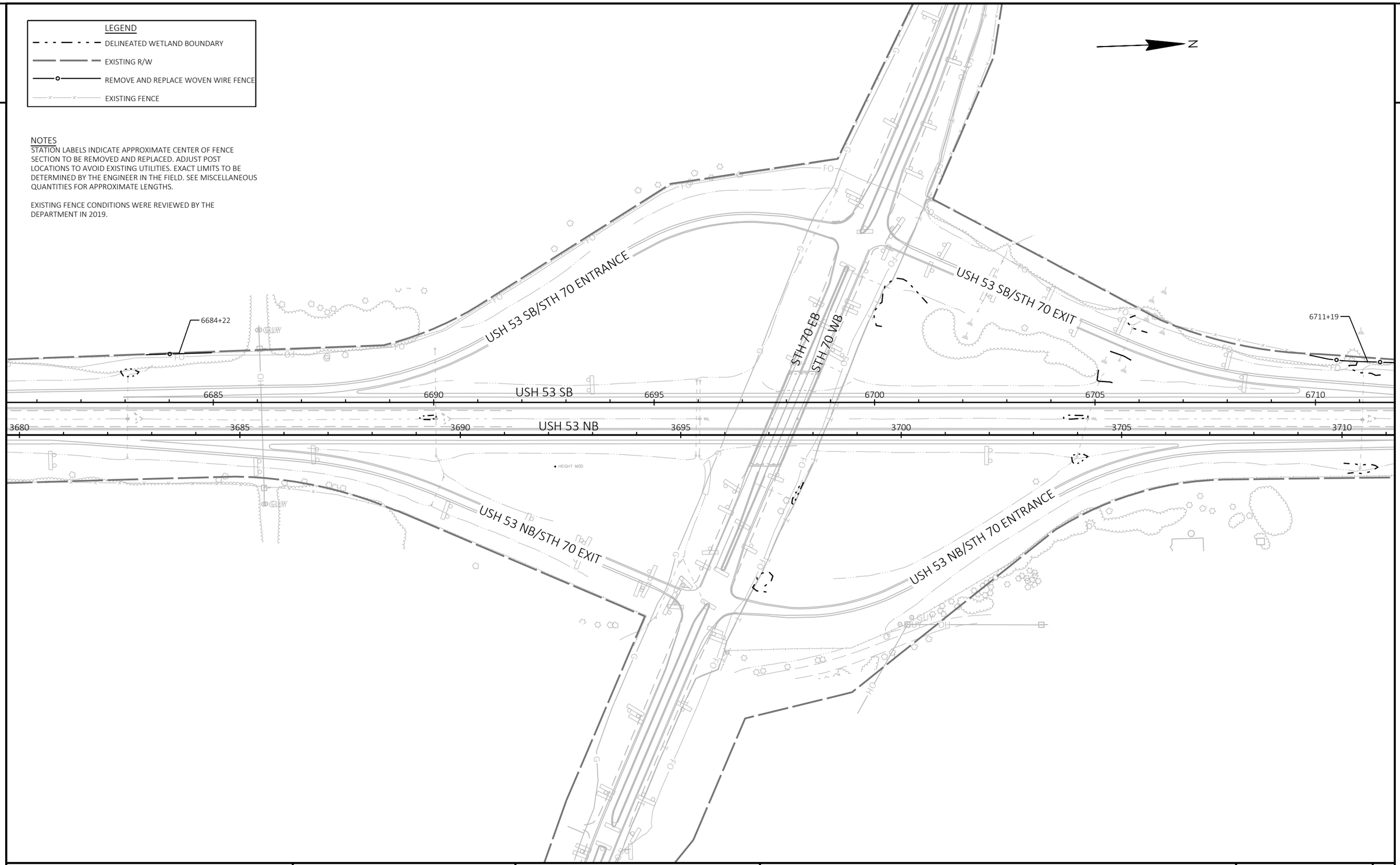
LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

NOTES

STATION LABELS INDICATE APPROXIMATE CENTER OF FENCE SECTION TO BE REMOVED AND REPLACED. ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES. EXACT LIMITS TO BE DETERMINED BY THE ENGINEER IN THE FIELD. SEE MISCELLANEOUS QUANTITIES FOR APPROXIMATE LENGTHS.

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	FENCING	SHEET 195	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 05

PLOT DATE : 2/28/2022 8:39 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

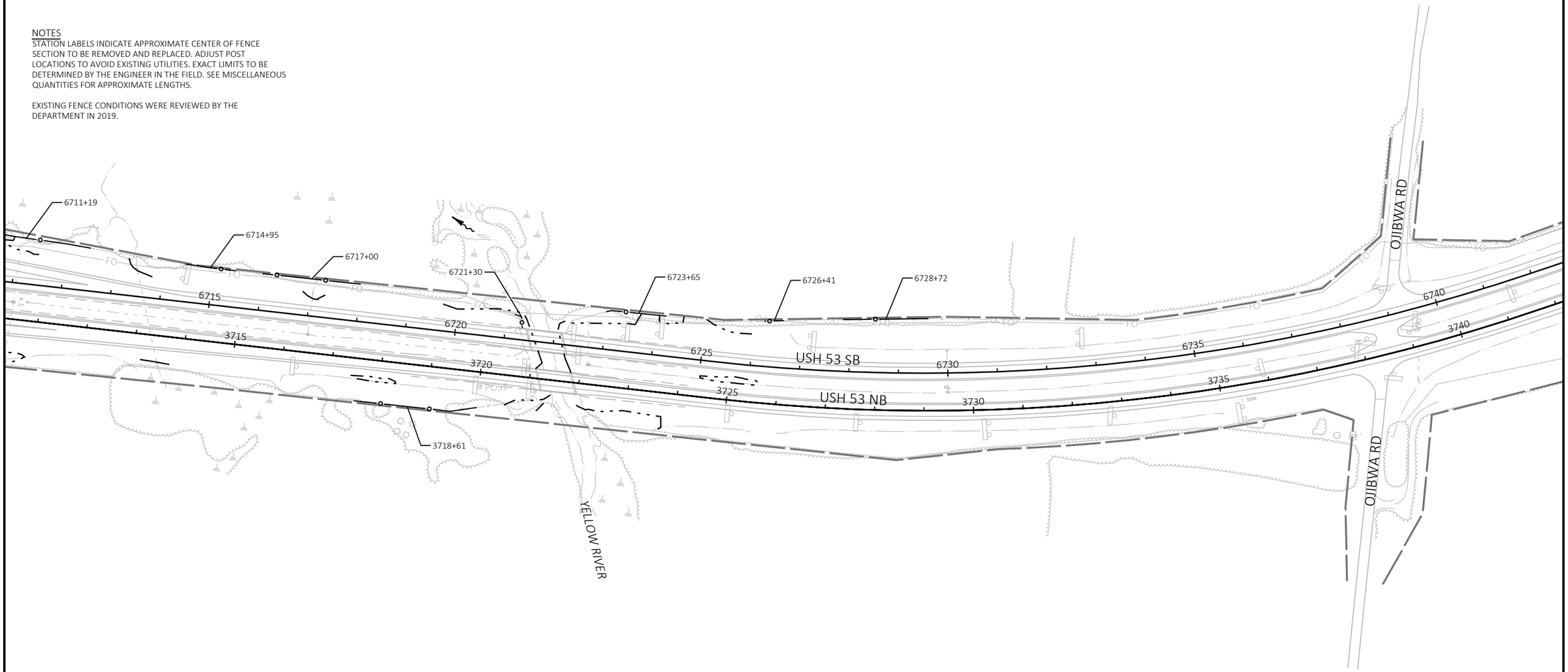
LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
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NOTES

STATION LABELS INDICATE APPROXIMATE CENTER OF FENCE SECTION TO BE REMOVED AND REPLACED. ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES. EXACT LIMITS TO BE DETERMINED BY THE ENGINEER IN THE FIELD. SEE MISCELLANEOUS QUANTITIES FOR APPROXIMATE LENGTHS.

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	FENCING	SHEET 196	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 06

PLOT DATE : 2/28/2022 8:39 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

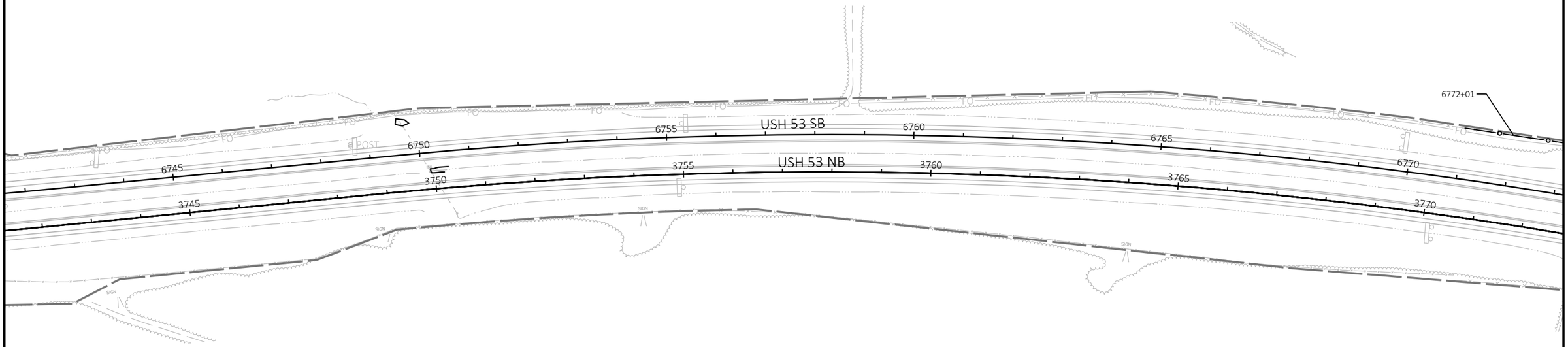
LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

NOTES

STATION LABELS INDICATE APPROXIMATE CENTER OF FENCE SECTION TO BE REMOVED AND REPLACED. ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES. EXACT LIMITS TO BE DETERMINED BY THE ENGINEER IN THE FIELD. SEE MISCELLANEOUS QUANTITIES FOR APPROXIMATE LENGTHS.

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	FENCING	SHEET 197	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 07

PLOT DATE : 2/28/2022 8:40 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

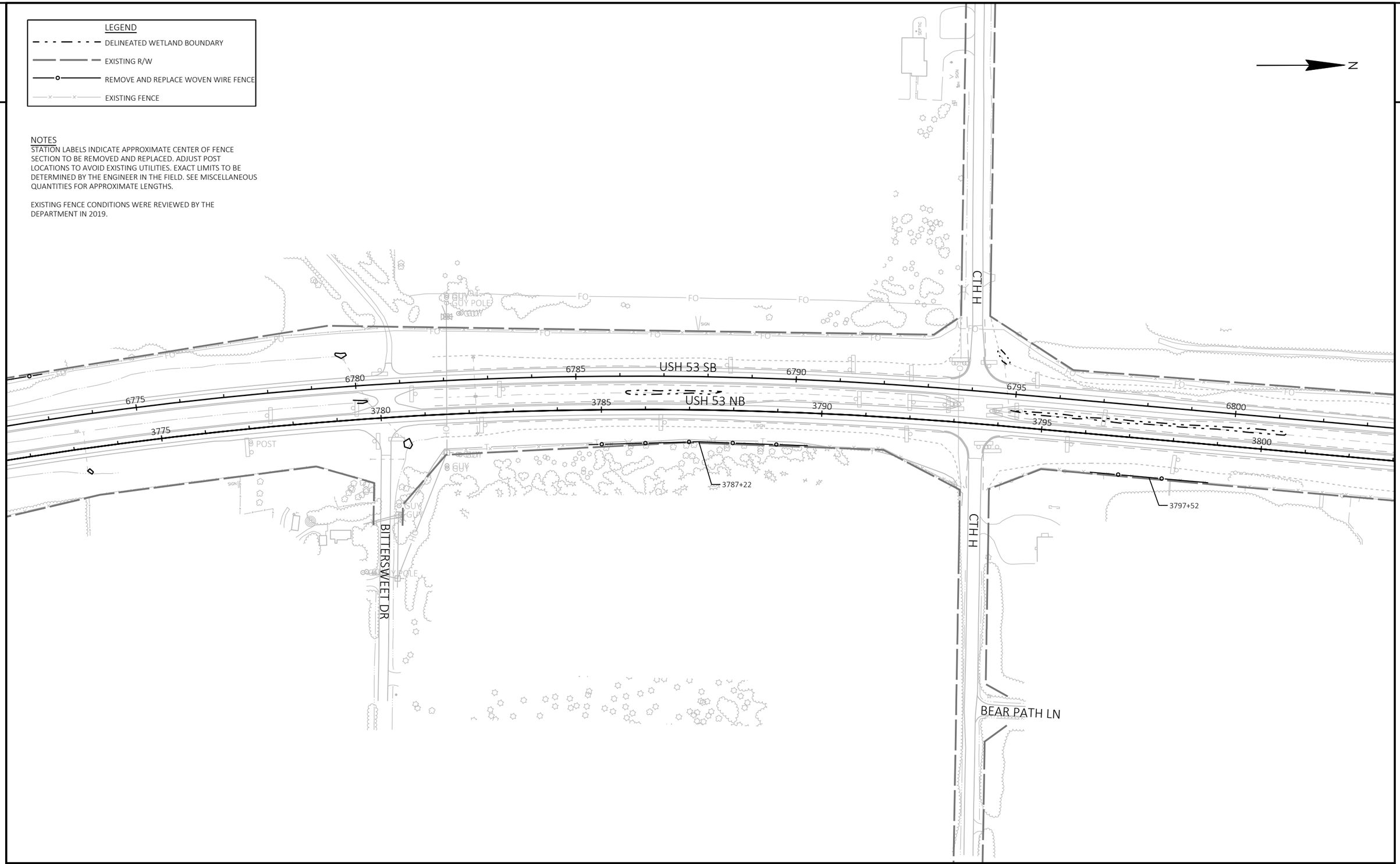
LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

NOTES

STATION LABELS INDICATE APPROXIMATE CENTER OF FENCE SECTION TO BE REMOVED AND REPLACED. ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES. EXACT LIMITS TO BE DETERMINED BY THE ENGINEER IN THE FIELD. SEE MISCELLANEOUS QUANTITIES FOR APPROXIMATE LENGTHS.

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	FENCING	SHEET 198	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 08

PLOT DATE : 2/28/2022 8:40 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

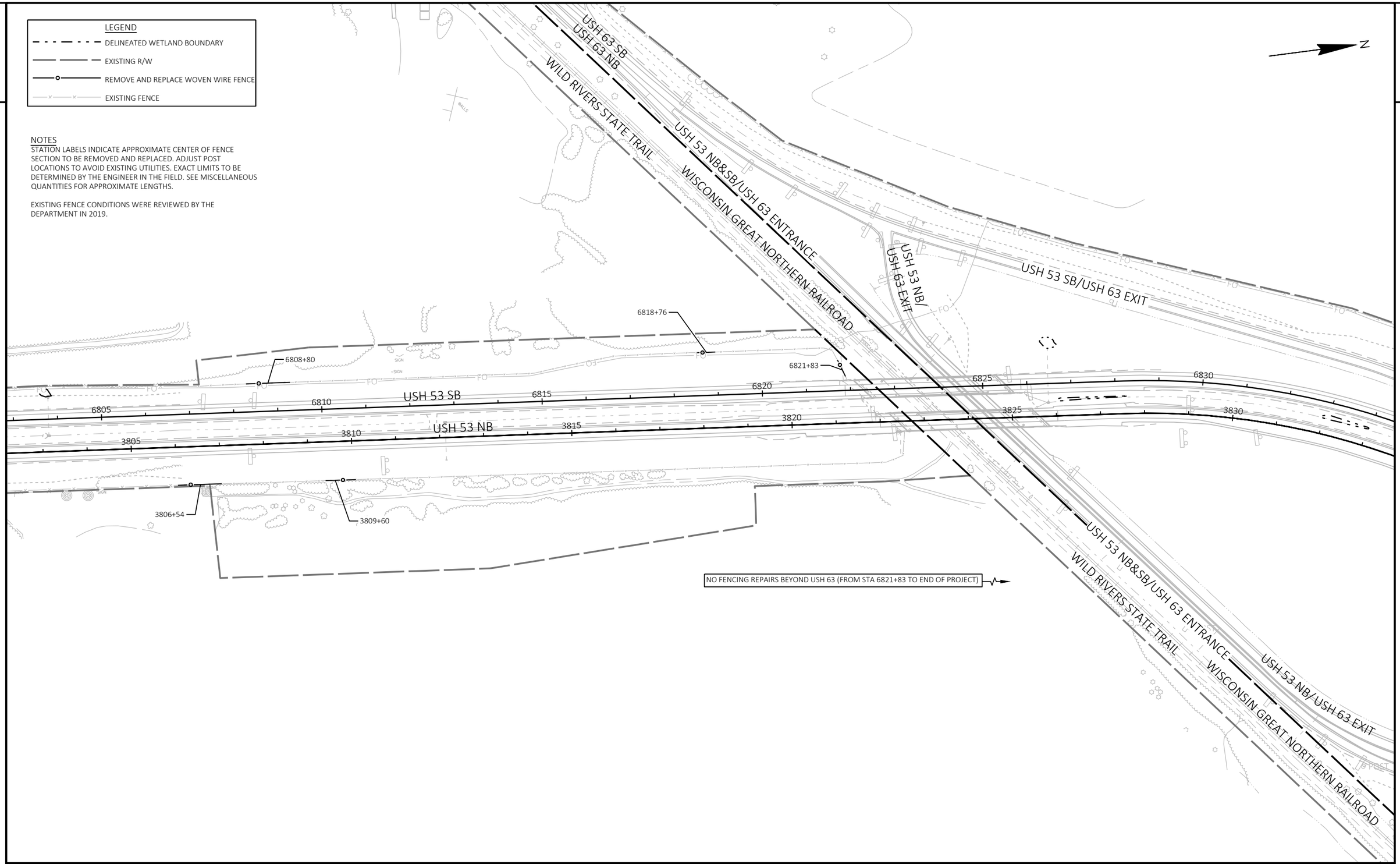
LEGEND

- DELINEATED WETLAND BOUNDARY
- EXISTING R/W
- REMOVE AND REPLACE WOVEN WIRE FENCE
- EXISTING FENCE

NOTES

STATION LABELS INDICATE APPROXIMATE CENTER OF FENCE SECTION TO BE REMOVED AND REPLACED. ADJUST POST LOCATIONS TO AVOID EXISTING UTILITIES. EXACT LIMITS TO BE DETERMINED BY THE ENGINEER IN THE FIELD. SEE MISCELLANEOUS QUANTITIES FOR APPROXIMATE LENGTHS.

EXISTING FENCE CONDITIONS WERE REVIEWED BY THE DEPARTMENT IN 2019.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	FENCING	SHEET 199	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\027101-FN.DWG
LAYOUT NAME - 09

PLOT DATE : 2/28/2022 8:41 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

Estimate Of Quantities

1197-18-78

Line	Item	Item Description	Unit	Total	Qty
0002	203.0220	Removing Structure (structure) 01. B-65-30	EACH	1.000	1.000
0004	203.0260	Removing Structure Over Waterway Minimal Debris (structure) 01. B-65-22	EACH	1.000	1.000
0006	204.0100	Removing Concrete Pavement	SY	191,600.000	191,600.000
0008	204.0110	Removing Asphaltic Surface	SY	20.000	20.000
0010	204.0115	Removing Asphaltic Surface Butt Joints	SY	7.000	7.000
0012	204.0120	Removing Asphaltic Surface Milling	SY	1,580.000	1,580.000
0014	204.0150	Removing Curb & Gutter	LF	2,430.000	2,430.000
0016	204.0170	Removing Fence	LF	5,490.000	5,490.000
0018	204.0180	Removing Delineators and Markers	EACH	475.000	475.000
0020	204.0190	Removing Surface Drains	EACH	9.000	9.000
0022	204.0220	Removing Inlets	EACH	17.000	17.000
0024	204.0245	Removing Storm Sewer (size) 01. 12-Inch	LF	526.000	526.000
0026	204.0245	Removing Storm Sewer (size) 02. 18-Inch	LF	335.000	335.000
0028	204.0245	Removing Storm Sewer (size) 03. 24-Inch	LF	40.000	40.000
0030	204.0245	Removing Storm Sewer (size) 04. 30-Inch	LF	16.000	16.000
0032	204.0245	Removing Storm Sewer (size) 05. 42-Inch	LF	113.000	113.000
0034	204.9060.S	Removing (item description) 01. Endwalls	EACH	19.000	19.000
0036	205.0100	Excavation Common	CY	178,003.000	178,003.000
0038	205.3000.S	Temporary Emergency Pullouts	EACH	8.000	8.000
0040	206.1001	Excavation for Structures Bridges (structure) 01. B-65-22	EACH	1.000	1.000
0042	206.1001	Excavation for Structures Bridges (structure) 02. B-65-30	EACH	1.000	1.000
0044	208.0100	Borrow	CY	2,950.000	2,950.000
0046	210.1500	Backfill Structure Type A	TON	518.000	518.000
0048	213.0100	Finishing Roadway (project) 01. 1197-18-78	EACH	1.000	1.000
0050	305.0110	Base Aggregate Dense 3/4-Inch	TON	16,465.000	16,465.000
0052	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	165,915.000	165,915.000
0054	405.0100	Coloring Concrete WisDOT Red	CY	140.000	140.000
0056	415.0070	Concrete Pavement 7-Inch	SY	385.000	385.000
0058	415.0080	Concrete Pavement 8-Inch	SY	37,510.000	37,510.000
0060	415.0095	Concrete Pavement 9 1/2-Inch	SY	171,550.000	171,550.000
0062	415.0120	Concrete Pavement 12-Inch	SY	420.000	420.000
0064	415.0210	Concrete Pavement Gaps	EACH	10.000	10.000
0066	415.0410	Concrete Pavement Approach Slab	SY	670.000	670.000
0068	416.0620	Drilled Dowel Bars	EACH	80.000	80.000
0070	416.1010	Concrete Surface Drains	CY	10.000	10.000
0072	416.1110	Concrete Shoulder Rumble Strips	LF	50,000.000	50,000.000
0074	450.4000	HMA Cold Weather Paving	TON	1,050.000	1,050.000
0076	455.0605	Tack Coat	GAL	6,930.000	6,930.000
0078	460.2000	Incentive Density HMA Pavement	DOL	13,210.000	13,210.000
0080	460.6224	HMA Pavement 4 MT 58-28 S	TON	11,400.000	11,400.000
0082	460.6244	HMA Pavement 4 MT 58-34 S	TON	9,240.000	9,240.000
0084	465.0105	Asphaltic Surface	TON	180.000	180.000
0086	465.0110	Asphaltic Surface Patching	TON	135.000	135.000
0088	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	70.000	70.000
0090	465.0125	Asphaltic Surface Temporary	TON	7,880.000	7,880.000
0092	465.0310	Asphaltic Curb	LF	80.000	80.000
0094	465.0315	Asphaltic Flumes	SY	145.000	145.000
0096	465.0400	Asphaltic Shoulder Rumble Strips	LF	64,200.000	64,200.000
0098	502.0100	Concrete Masonry Bridges	CY	42.000	42.000

1197-18-78

Line	Item	Item Description	Unit	Total	Qty
0100	502.3101	Expansion Device	LF	226.000	226.000
0102	502.3200	Protective Surface Treatment	SY	1,995.000	1,995.000
0104	502.3205	Pigmented Surface Sealer Reseal	SY	947.000	947.000
0106	502.4205	Adhesive Anchors No. 5 Bar	EACH	288.000	288.000
0108	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	12,996.000	12,996.000
0110	509.0301	Preparation Decks Type 1	SY	606.000	606.000
0112	509.0302	Preparation Decks Type 2	SY	180.000	180.000
0114	509.0500	Cleaning Decks	SY	1,895.000	1,895.000
0116	509.1000	Joint Repair	SY	108.000	108.000
0118	509.1500	Concrete Surface Repair	SF	133.000	133.000
0120	509.2000	Full-Depth Deck Repair	SY	15.000	15.000
0122	509.2100.S	Concrete Masonry Deck Repair	CY	58.000	58.000
0124	509.2500	Concrete Masonry Overlay Decks	CY	150.000	150.000
0126	509.5100.S	Polymer Overlay	SY	2,890.000	2,890.000
0128	516.0500	Rubberized Membrane Waterproofing	SY	18.000	18.000
0130	520.2024	Culvert Pipe Temporary 24-Inch	LF	12.000	12.000
0132	520.8000	Concrete Collars for Pipe	EACH	9.000	9.000
0134	520.8700	Cleaning Culvert Pipes	EACH	52.000	52.000
0136	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	6.000	6.000
0138	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	13.000	13.000
0140	522.1030	Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	EACH	5.000	5.000
0142	522.1042	Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	EACH	2.000	2.000
0144	531.1100	Concrete Masonry Ancillary Structures Type NS	CY	37.800	37.800
0146	531.1140	Steel Reinforcement HS Ancillary Structures Type NS	LB	5,418.000	5,418.000
0148	531.2024	Drilling Shaft 24-Inch	LF	286.000	286.000
0150	601.0413	Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type G	LF	433.000	433.000
0152	601.0417	Concrete Curb & Gutter 30-Inch Type K	LF	95.000	95.000
0154	601.0419	Concrete Curb & Gutter 30-Inch Type L	LF	140.000	140.000
0156	601.0555	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	LF	4,722.000	4,722.000
0158	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	845.000	845.000
0160	601.0580	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R	LF	720.000	720.000
0162	601.0590	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBTT	LF	412.000	412.000
0164	603.8000	Concrete Barrier Temporary Precast Delivered	LF	10,290.000	10,290.000
0166	603.8125	Concrete Barrier Temporary Precast Installed	LF	10,290.000	10,290.000
0168	603.8500	Anchoring Concrete Barrier Temporary Precast	LF	3,130.000	3,130.000
0170	604.9015.S	Reseal Crushed Aggregate Slope Paving	SY	1,830.000	1,830.000
0172	606.0200	Riprap Medium	CY	85.000	85.000
0174	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	40.000	40.000
0176	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	382.000	382.000
0178	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	48.000	48.000
0180	608.0330	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	16.000	16.000
0182	608.0342	Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	LF	108.000	108.000
0184	611.0430	Reconstructing Inlets	EACH	2.000	2.000
0186	611.0627	Inlet Covers Type HM	EACH	10.000	10.000
0188	611.0630	Inlet Covers Type HM-GJ	EACH	3.000	3.000
0190	611.0642	Inlet Covers Type MS	EACH	13.000	13.000
0192	611.0652	Inlet Covers Type T	EACH	2.000	2.000
0194	611.3004	Inlets 4-FT Diameter	EACH	1.000	1.000
0196	611.3225	Inlets 2x2.5-FT	EACH	1.000	1.000

1197-18-78

Line	Item	Item Description	Unit	Total	Qty
0198	611.3230	Inlets 2x3-FT	EACH	10.000	10.000
0200	611.3901	Inlets Median 1 Grate	EACH	1.000	1.000
0202	611.3902	Inlets Median 2 Grate	EACH	6.000	6.000
0204	611.8120.S	Cover Plates Temporary	EACH	8.000	8.000
0206	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	202.000	202.000
0208	614.0150	Anchor Assemblies for Steel Plate Beam Guard	EACH	8.000	8.000
0210	614.0200	Steel Thrie Beam Structure Approach	LF	82.800	82.800
0212	614.0213	Steel Thrie Beam Structure Approach Retrofit Cantilever Sloped End	EACH	16.000	16.000
0214	614.0220	Steel Thrie Beam Bullnose Terminal	EACH	4.000	4.000
0216	614.0230	Steel Thrie Beam	LF	675.000	675.000
0218	614.0400	Adjusting Steel Plate Beam Guard	LF	143.000	143.000
0220	614.0905	Crash Cushions Temporary	EACH	3.000	3.000
0222	614.0920	Salvaged Rail	LF	3,090.000	3,090.000
0224	614.0925	Salvaged Guardrail End Treatments	EACH	17.000	17.000
0226	614.1000	MGS Guardrail Temporary	LF	400.000	400.000
0228	614.1100	MGS Guardrail Temporary Thrie Beam Transition	LF	412.800	412.800
0230	614.1200	MGS Guardrail Temporary Terminal EAT	EACH	11.000	11.000
0232	614.2300	MGS Guardrail 3	LF	2,000.000	2,000.000
0234	614.2500	MGS Thrie Beam Transition	LF	354.600	354.600
0236	614.2610	MGS Guardrail Terminal EAT	EACH	11.000	11.000
0238	614.2620	MGS Guardrail Terminal Type 2	EACH	2.000	2.000
0240	616.0100	Fence Woven Wire (height) 01. 4-FT	LF	5,490.000	5,490.000
0242	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1197-18-78	EACH	1.000	1.000
0244	619.1000	Mobilization	EACH	1.000	1.000
0246	620.0300	Concrete Median Sloped Nose	SF	6.000	6.000
0248	624.0100	Water	MGAL	1,500.000	1,500.000
0250	625.0100	Topsoil	SY	14,750.000	14,750.000
0252	625.0500	Salvaged Topsoil	SY	99,825.000	99,825.000
0254	627.0200	Mulching	SY	13,500.000	13,500.000
0256	628.1104	Erosion Bales	EACH	190.000	190.000
0258	628.1504	Silt Fence	LF	8,100.000	8,100.000
0260	628.1520	Silt Fence Maintenance	LF	8,100.000	8,100.000
0262	628.1905	Mobilizations Erosion Control	EACH	19.000	19.000
0264	628.1910	Mobilizations Emergency Erosion Control	EACH	11.000	11.000
0266	628.2004	Erosion Mat Class I Type B	SY	97,425.000	97,425.000
0268	628.2027	Erosion Mat Class II Type C	SY	3,660.000	3,660.000
0270	628.7005	Inlet Protection Type A	EACH	75.000	75.000
0272	628.7015	Inlet Protection Type C	EACH	20.000	20.000
0274	628.7020	Inlet Protection Type D	EACH	8.000	8.000
0276	628.7504	Temporary Ditch Checks	LF	1,700.000	1,700.000
0278	628.7555	Culvert Pipe Checks	EACH	235.000	235.000
0280	628.7560	Tracking Pads	EACH	8.000	8.000
0282	629.0210	Fertilizer Type B	CWT	134.000	134.000
0284	630.0130	Seeding Mixture No. 30	LB	3,285.000	3,285.000
0286	630.0200	Seeding Temporary	LB	800.000	800.000
0288	630.0500	Seed Water	MGAL	2,550.000	2,550.000
0290	631.0300	Sod Water	MGAL	2.000	2.000
0292	631.1100	Sod Erosion Control	SY	45.000	45.000
0294	633.0100	Delineator Posts Steel	EACH	350.000	350.000

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Line	Item	Item Description	Unit	Total	Qty
0296	633.0500	Delineator Reflectors	EACH	352.000	352.000
0298	633.1100	Delineators Temporary	EACH	582.000	582.000
0300	633.5200	Markers Culvert End	EACH	97.000	97.000
0302	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	50.000	50.000
0304	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	34.000	34.000
0306	634.0620	Posts Wood 4x6-Inch X 20-FT	EACH	5.000	5.000
0308	634.0810	Posts Tubular Steel 2x2-Inch X 10-FT	EACH	3.000	3.000
0310	635.0200	Sign Supports Structural Steel HS	LB	21,745.000	21,745.000
0312	637.1220	Signs Type I Reflective SH	SF	2,519.000	2,519.000
0314	638.2102	Moving Signs Type II	EACH	282.000	282.000
0316	638.2601	Removing Signs Type I	EACH	16.000	16.000
0318	638.3000	Removing Small Sign Supports	EACH	87.000	87.000
0320	638.3100	Removing Structural Steel Sign Supports	EACH	32.000	32.000
0322	642.5201	Field Office Type C	EACH	1.000	1.000
0324	643.0300	Traffic Control Drums	DAY	176,565.000	176,565.000
0326	643.0420	Traffic Control Barricades Type III	DAY	22,480.000	22,480.000
0328	643.0500	Traffic Control Flexible Tubular Marker Posts	EACH	2,645.000	2,645.000
0330	643.0600	Traffic Control Flexible Tubular Marker Bases	EACH	2,335.000	2,335.000
0332	643.0705	Traffic Control Warning Lights Type A	DAY	33,440.000	33,440.000
0334	643.0715	Traffic Control Warning Lights Type C	DAY	28,700.000	28,700.000
0336	643.0800	Traffic Control Arrow Boards	DAY	960.000	960.000
0338	643.0900	Traffic Control Signs	DAY	41,455.000	41,455.000
0340	643.0910	Traffic Control Covering Signs Type I	EACH	7.000	7.000
0342	643.0920	Traffic Control Covering Signs Type II	EACH	129.000	129.000
0344	643.1000	Traffic Control Signs Fixed Message	SF	708.750	708.750
0346	643.1051	Traffic Control Signs PCMS with Cellular Communications	DAY	1,520.000	1,520.000
0348	643.1070	Traffic Control Cones 42-Inch	DAY	2,850.000	2,850.000
0350	643.3105	Temporary Marking Line Paint 4-Inch	LF	180,100.000	180,100.000
0352	643.3120	Temporary Marking Line Epoxy 4-Inch	LF	7,805.000	7,805.000
0354	643.3150	Temporary Marking Line Removable Tape 4-Inch	LF	172,980.000	172,980.000
0356	643.3205	Temporary Marking Line Paint 8-Inch	LF	2,300.000	2,300.000
0358	643.3220	Temporary Marking Line Epoxy 8-Inch	LF	930.000	930.000
0360	643.3250	Temporary Marking Line Removable Tape 8-Inch	LF	3,200.000	3,200.000
0362	643.3760	Temporary Marking Raised Pavement Marker Type I	EACH	440.000	440.000
0364	643.3960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	7,900.000	7,900.000
0366	643.3970	Temporary Marking Removable Mask Out Tape 10-Inch	LF	750.000	750.000
0368	643.4100	Traffic Control Interim Lane Closure	EACH	13.000	13.000
0370	643.5000	Traffic Control	EACH	1.000	1.000
0372	645.0111	Geotextile Type DF Schedule A	SY	99.000	99.000
0374	645.0120	Geotextile Type HR	SY	230.000	230.000
0376	646.1020	Marking Line Epoxy 4-Inch	LF	14,400.000	14,400.000
0378	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	151,400.000	151,400.000
0380	646.1555	Marking Line Grooved Contrast Permanent Tape 4-Inch	LF	14,650.000	14,650.000
0382	646.3020	Marking Line Epoxy 8-Inch	LF	200.000	200.000
0384	646.3555	Marking Line Grooved Contrast Permanent Tape 8-Inch	LF	9,540.000	9,540.000
0386	646.5020	Marking Arrow Epoxy	EACH	8.000	8.000
0388	646.5120	Marking Word Epoxy	EACH	4.000	4.000
0390	646.6120	Marking Stop Line Epoxy 18-Inch	LF	125.000	125.000
0392	646.6464	Cold Weather Marking Epoxy 4-Inch	LF	72,130.000	72,130.000

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Line	Item	Item Description	Unit	Total	Qty
0394	646.6468	Cold Weather Marking Epoxy 8-Inch	LF	6,020.000	6,020.000
0396	646.7120	Marking Diagonal Epoxy 12-Inch	LF	70.000	70.000
0398	646.7220	Marking Chevron Epoxy 24-Inch	LF	665.000	665.000
0400	646.8120	Marking Curb Epoxy	LF	180.000	180.000
0402	646.8220	Marking Island Nose Epoxy	EACH	1.000	1.000
0404	646.9000	Marking Removal Line 4-Inch	LF	17,725.000	17,725.000
0406	646.9050	Marking Removal Line Grooved Permanent Tape 4-Inch	LF	405.000	405.000
0408	646.9100	Marking Removal Line 8-Inch	LF	830.000	830.000
0410	646.9300	Marking Removal Special Marking	EACH	8.000	8.000
0412	650.4000	Construction Staking Storm Sewer	EACH	38.000	38.000
0414	650.4500	Construction Staking Subgrade	LF	24,230.000	24,230.000
0416	650.5000	Construction Staking Base	LF	24,230.000	24,230.000
0418	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	985.000	985.000
0420	650.6000	Construction Staking Pipe Culverts	EACH	1.000	1.000
0422	650.6501	Construction Staking Structure Layout (structure) 01. B-65-22	EACH	1.000	1.000
0424	650.6501	Construction Staking Structure Layout (structure) 02. B-65-30	EACH	1.000	1.000
0426	650.7000	Construction Staking Concrete Pavement	LF	79,580.000	79,580.000
0428	650.8000	Construction Staking Resurfacing Reference	LF	4,840.000	4,840.000
0430	650.9911	Construction Staking Supplemental Control (project) 01. 1197-18-78	EACH	1.000	1.000
0432	650.9920	Construction Staking Slope Stakes	LF	97,200.000	97,200.000
0434	690.0150	Sawing Asphalt	LF	15,600.000	15,600.000
0436	690.0250	Sawing Concrete	LF	3,540.000	3,540.000
0438	715.0502	Incentive Strength Concrete Structures	DOL	500.000	500.000
0440	715.0715	Incentive Flexural Strength Concrete Pavement	DOL	62,960.000	62,960.000
0442	740.0440	Incentive IRI Ride	DOL	45,600.000	45,600.000
0444	801.0117	Railroad Flagging Reimbursement	DOL	10,000.000	10,000.000
0446	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,100.000	2,100.000
0448	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	2,400.000	2,400.000
0450	SPV.0060	Special 01. Joint Ties for Concrete Pipe	EACH	354.000	354.000
0452	SPV.0060	Special 02. Temp Apron Endwalls for Culv Pipe Sloped Side Drains Steel 18-Inch 10 to 1	EACH	6.000	6.000
0454	SPV.0060	Special 03. Temporary Apron Endwalls for Culvert Pipe 24-Inch	EACH	1.000	1.000
0456	SPV.0060	Special 04. Temporary Inlet Covers Type H-D	EACH	2.000	2.000
0458	SPV.0060	Special 05. Temporary Inlet Covers Type MS	EACH	4.000	4.000
0460	SPV.0060	Special 06. Temporary Inlets Median 1 Grate	EACH	4.000	4.000
0462	SPV.0060	Special 07. Cleaning and Painting Bearings	EACH	24.000	24.000
0464	SPV.0090	Special 01. Ditch Cleaning	LF	640.000	640.000
0466	SPV.0090	Special 02. Concrete Silane Sealer for PCC Saw Cuts	LF	180,160.000	180,160.000
0468	SPV.0090	Special 03. Concrete Curb & Gutter Cure and Seal Treatment	LF	7,367.000	7,367.000
0470	SPV.0090	Special 04. Temporary Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	LF	8.000	8.000
0472	SPV.0090	Special 05. Temporary Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	733.000	733.000
0474	SPV.0090	Special 06. Temporary Storm Sewer Pipe Class III-A 18-Inch	LF	1,077.000	1,077.000
0476	SPV.0180	Special 01. Abutment Seat Cleaning and Sealing	SY	76.000	76.000

REMOVAL ITEMS

STAGE	STATION	TO	STATION	OFFSET	204.0100 REMOVING CONCRETE PAVEMENT SY	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	204.0150 REMOVING CURB & GUTTER LF	COMMENTS
1A	6721+36	-	6721+57	RT	14	--	--	--	--	SURFACE DRAIN REMOVAL/TEMPORARY GUARDRAIL
1B	6721+21	-	6721+46	LT	26	--	--	--	--	SURFACE DRAIN REMOVAL/TEMPORARY GUARDRAIL
1B	6794+50	-	6794+79	LT	--	--	--	--	31	CTH H
STAGE 1 TOTALS					40	--	--	--	31	
2	3560+00	-	3675+50	LT & RT	28,870	--	--	--	--	USH 53 MAINLINE
2	3683+52	-	3705+15	LT & RT	5,768	--	--	--	--	USH 53 MAINLINE
2	3708+77	-	3721+22	LT & RT	4,358	--	--	--	--	USH 53 MAINLINE
2	3721+85	-	3822+51	LT & RT	26,845	--	--	--	--	USH 53 MAINLINE
2	3825+52	-	3835+15	LT & RT	3,126	--	--	--	--	USH 53 MAINLINE
2	3839+09	-	3861+18	LT & RT	5,891	--	--	--	--	USH 53 MAINLINE
2	3835"AA"+07	-	3853"AA"+00	LT & RT	4,788	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP & USH 53 MAINLINE GAP
2	6815"BB"+19	-	6822"BB"+10	LT & RT	1,157	--	--	--	--	USH 53 SB/USH 63 EXIT RAMP
2	3815"CC"+25	-	3846"CC"+65	LT & RT	5,763	--	--	--	210	USH 53 SB/USH 63 ENT RAMP
2	3825"CC"+56	-	3831"CC"+56	LT	1,219	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP
2	3840"DD"+00	-	3860"DD"+80	LT & RT	2,992	--	--	--	--	USH 53 NB/USH 63 ENT RAMP
2	3859"EE"+00	-	3863"EE"+71	LT & RT	928	--	--	--	335	USH 53 NB/USH 63 EXIT RAMP
2	303+96	-	304+54	LT & RT	--	--	--	--	150	CTH H
2A	248"EB"+75	-	261"EB"+75	LT	--	20	--	--	480	STH 70 WB
2B	251"EB"+48	-	259"EB"+17	LT & RT	--	--	--	--	515	STH 70 EB
2C1	258"EB"+89	-	260"EB"+46	LT & RT	303	--	--	--	67	USH 53 NB/STH 70 EXIT RAMP & STH 70 EB
2C2	3680"A"+94	-	3695"A"+31	LT & RT	4,372	--	--	--	--	USH 53 NB/STH 70 EXIT RAMP & USH 53 MAINLINE GAP
2C2	3695"B"+42	-	3708"B"+77	LT & RT	3,258	--	--	--	--	USH 53 NB/STH 70 ENT RAMP & USH 53 MAINLINE GAP
2D	258"WB"+87	-	260"WB"+18	LT & RT	324	--	--	--	--	USH 53 NB/STH 70 ENT RAMP & STH 70 WB
2E	251"WB"+48	-	258"WB"+87	LT & RT	--	--	--	--	525	STH 70 WB
STAGE 2 TOTALS					99,962	20	--	--	2,282	
4	6560+00	-	6682+36	LT & RT	31,184	--	--	--	--	USH 53 MAINLINE
4	6688+22	-	6708+39	LT & RT	5,379	--	--	--	--	USH 53 MAINLINE
4	6712+53	-	6721+30	LT & RT	2,506	--	--	--	--	USH 53 MAINLINE
4	6722+18	-	6822+40	LT & RT	26,738	--	--	--	--	USH 53 MAINLINE
4	6825+41	-	6848+19	LT & RT	6,045	--	--	--	--	USH 53 MAINLINE
4	6853+13	-	6862+50	LT & RT	2,499	--	--	--	--	USH 53 MAINLINE
4	6822"BB"+10	-	6853"BB"+13	LT & RT	4,947	--	--	--	--	USH 53 SB/USH 63 EXIT RAMP
4	302+24	-	302+81	LT & RT	--	--	--	--	117	CTH H
4A	248"WB"+75	-	251"WB"+48	LT & RT	290	--	--	--	--	USH 53 SB/STH 70 EXIT RAMP & STH 70 WB
4B	6682"D"+36	-	6700"D"+61	LT & RT	4,993	--	--	--	--	USH 53 SB/STH 70 ENT & USH 53 MAINLINE GAP
4B	6700"C"+56	-	6712"C"+53	LT & RT	3,217	--	--	--	--	USH 53 SB/STH 70 EXIT RAMP & USH 53 MAINLINE GAP
STAGE 4 TOTALS					87,798	--	--	--	117	
5A	3560+00	-	3574+50	LT	1,933	--	--	--	--	USH 53 MAINLINE
5A	6560+00	-	6574+00	RT	1,867	--	--	--	--	USH 53 MAINLINE
5B	3865+75	-	3874+75	RT	--	--	4	815	--	MILL & OVERLAY NB SHLDR
5B	6866+25	-	6876+00	LT	--	--	3	765	--	MILL & OVERLAY SB SHLDR
STAGE 5 TOTALS					3,800	--	7	1,580	--	
TOTALS					191,600	20	7	1,580	2,430	

TEMPORARY EMERGENCY PULLOUTS

STAGE	STATION	TO	STATION	OFFSET	205.3000.S TEMPORARY EMERGENCY PULLOUTS EACH	** EXCAVATION COMMON CY	** BASE AGGREGATE DENSE 1 1/4-INCH TON	** TOPSOIL SY	** FERTILIZER TYPE B CWT	** SEEDING MIXTURE NO. 30 LB	** MULCHING SY
1	6639+50	-	6641+75	LT	1	210	420	570	0.4	10.3	570
1	6702+00	-	6704+25	LT	1	71	141	364	0.2	6.6	364
1	6758+75	-	6761+00	LT	1	50	101	356	0.2	6.4	356
1	6815+75	-	6818+00	LT	1	67	135	420	0.3	7.6	420
STAGE 2 TOTALS					4	398	796	1,710	1.1	30.8	1,710
3	3650+00	-	3652+25	RT	1	100	199	400	0.3	7.2	400
3	3683+75	-	3686+00	RT	1	103	207	396	0.2	7.1	396
3	3758+25	-	3760+50	RT	1	76	151	374	0.2	6.7	374
3	3815+00	-	3817+25	RT	1	20	40	230	0.1	4.2	230
STAGE 4 TOTALS					4	299	597	1,400	0.9	25.3	1,400
TOTALS					8	697	1,394	3,110	2.0	56.1	3,110

NOTE:
**NON-BID ITEM, ITEMS AND QUANTITIES LISTED FOR BID INFORMATION ONLY. ITEMS INCIDENTAL TO TEMPORARY EMERGENCY PULLOUTS.

BASE AGGREGATE ITEMS

STAGE	STATION	TO	STATION	OFFSET	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	COMMENTS
1A	3664+96	-	3679+26	LT	180	2,038	USH 53 NB/STH 70 ENT RAMP TEMP CROSSOVER
1A	3707+06	-	3720+18	LT	156	1,866	USH 53 NB/STH 70 EXIT RAMP TEMP CROSSOVER
1A	3827+75	-	3836+98	LT	113	1,304	USH 53 NB/USH 63 EXIT RAMP TEMP CROSSOVER
1A	3881+84	-	3901+00	LT	568	5,428	NORTH LIMIT TEMP CROSSOVER
1A	6580+46	-	6586+40	RT	65	541	SOUTH LIMIT TEMP CROSSOVER
1A	6722+30	-	6724+64	RT	37	--	TEMPORARY GUARDRAIL
1A	6784+91	-	6803+28	RT	160	2,292	CTH H TEMP WIDENING
1A	6865+12	-	6877+93	RT	45	813	CTH A TEMP WIDENING
1A	6811"BB"+50	-	6830"BB"+26	LT	145	3,045	USH 53 SB/USH 63 EXIT RAMP TEMP WIDENING
1B	6719+53	-	6721+42	LT	37	--	TEMPORARY GUARDRAIL
1B	6786+03	-	6802+18	LT	140	1,857	CTH H TEMP WIDENING
STAGE 1 TOTALS					1,646	19,184	
2	3560+00	-	3675+50	LT & RT	1,871	19,906	USH 53 MAINLINE
2	3683+52	-	3705+15	LT & RT	338	3,833	USH 53 MAINLINE
2	3708+77	-	3721+24	LT & RT	239	2,885	USH 53 MAINLINE & STORM SEWER REPLACEMENT
2	3721+83	-	3822+59	LT & RT	1,535	18,034	USH 53 MAINLINE
2	3825+46	-	3835+15	LT & RT	155	1,748	USH 53 MAINLINE
2	3839+09	-	3861+18	LT & RT	266	3,182	USH 53 MAINLINE
2	3611+20	-	3617+28	RT	85	1,013	CRANBERRY DR (EAST)
2	3733+53	-	3739+61	RT	91	1,078	OJIBWA RD
2	3775+24	-	3781+42	RT	91	1,070	BITTERSWEET DR
2	3786+95	-	3794+97	RT	112	1,371	CTH H
2	3560+00	-	3861+18	RT	--	26	DRIVEWAYS
2	3835"AA"+07	-	3853"AA"+00	LT & RT	242	2,157	USH 53 NB/USH 63 EXIT RAMP & USH 53 MAINLINE GAP
2	6815"BB"+14	-	6822"BB"+10	LT & RT	86	675	USH 53 SB/USH 63 EXIT RAMP
2	3813"CC"+85	-	3846"CC"+65	LT & RT	331	5,990	USH 53 SB/USH 63 ENTRANCE & STORM SEWER REPLACEMENTS
2	3825"CC"+56	-	3831"CC"+56	LT & RT	52	424	USH 53 NB/USH 63 EXIT RAMP
2	3840"DD"+00	-	3861"DD"+00	LT & RT	225	1,988	USH 53 NB/USH 63 ENT RAMP
2	3859"EE"+00	-	3863"EE"+82	LT & RT	27	450	USH 53 NB/USH 63 EXIT RAMP
2A	240"WB"+16	-	272"WB"+14	LT & RT	374	914	STH 70 EB & WB SHLDR WIDENING & TEMP MEDIANS
2B	251"EB"+50	-	259"EB"+17	LT & RT	87	300	STH 70 EB
2C1	258"EB"+89	-	260"EB"+46	LT & RT	15	100	USH 53 NB/STH 70 EXIT RAMP & STH 70 EB
2C2	3675+50	-	3683+52	LT & RT	113	1,240	USH 53 MAINLINE GAP
2C2	3680"A"+94	-	3694"A"+80	LT & RT	177	1,491	USH 53 NB/STH 70 EXIT RAMP
2C2	3696"B"+28	-	3708"B"+77	LT & RT	213	2,045	USH 53 NB/STH 70 ENT RAMP & USH 53 MAINLINE GAP
2D	258"WB"+87	-	260"WB"+18	LT & RT	26	167	USH 53 NB/STH 70 ENT RAMP & STH 70 WB
2E	251"WB"+48	-	258"WB"+87	LT & RT	56	494	STH 70 WB
STAGE 2 TOTALS					6,807	72,581	
3	3666+86	-	3684+41	LT	230	2,278	USH 53 SB/STH 70 ENT RAMP TEMP CROSSOVER & NB SHLDR
3	3707+02	-	3719+75	LT	140	1,624	USH 53 SB/STH 70 EXIT RAMP TEMP CROSSOVER & NB SHLDR
3	6850+87	-	6862+66	RT	158	1,670	USH 53 SB/USH 63 EXIT RAMP TEMP CROSSOVER & NB SHLDR
3	3863+78	-	3876+59	RT	100	1,202	CTH A TEMP WIDENING
3	6811"BB"+50	-	6815"BB"+15	LT	34	173	USH 53 SB/USH 63 EXIT RAMP SHLDR
STAGE 3 TOTALS					662	6,947	
4	6560+00	-	6682+36	LT & RT	1,829	20,323	USH 53 MAINLINE
4	6688+22	-	6708+39	LT & RT	329	3,586	USH 53 MAINLINE
4	6712+53	-	6721+57	LT & RT	148	1,536	USH 53 MAINLINE
4	6722+15	-	6822+46	LT & RT	1,447	17,461	USH 53 MAINLINE & STORM SEWER REPLACEMENT
4	6825+33	-	6848+19	LT & RT	377	4,086	USH 53 MAINLINE
4	6853+13	-	6862+50	LT & RT	146	1,648	USH 53 MAINLINE
4	6596+21	-	6601+87	LT	86	977	CRANBERRY DR (WEST)
4	6737+76	-	6743+96	LT	102	1,145	OJIBWA RD
4	6792+64	-	6799+49	LT	127	1,443	CTH H
4	6560+00	-	6862+00	LT	--	75	DRIVEWAYS
4	6822"BB"+10	-	6852"BB"+75	LT & RT	448	3,976	USH 53 SB/USH 63 EXIT RAMP & USH 53 MAINLINE GAP
4A	248"WB"+75	-	251"WB"+48	LT & RT	21	142	USH 53 SB/STH 70 EXIT RAMP & STH 70 WB
4B	248"EB"+75	-	250"EB"+70	LT	--	100	STH 70 MEDIAN ISLAND
4B	6682"D"+36	-	6700"D"+61	LT & RT	273	2,580	USH 53 SB/STH 70 ENT RAMP & USH 53 MAINLINE GAP
4B	6700"C"+56	-	6712"C"+55	LT & RT	201	1,808	USH 53 SB/STH 70 EXIT RAMP & USH 53 MAINLINE GAP
4C	259"EB"78	-	261"EB"+55	LT	--	5	STH 70 MEDIAN ISLAND
STAGE 4 TOTALS					5,534	60,891	
5A	3553+90	-	3586+82	LT	664	1,700	USH 53 MAINLINE & SOUTH LIMIT CROSSOVER REMOVAL
5A	3560+00	-	3869+51	LT	377	3,462	MEDIAN OPENINGS
5A	3666+86	-	3678+50	LT	131	78	USH 53 SB/STH 70 TEMP ENT RAMP REMOVAL
5A	3707+02	-	3719+75	LT	84	72	USH 53 SB/STH 70 TEMP EXIT RAMP REMOVAL
5A	3849+39	-	3899+43	LT	560	1,000	TEMP CROSSOVERS & CTH A TEMP WIDENING REMOVAL
STAGE 5 TOTALS					1,816	6,312	
TOTALS					16,465	165,915	

NOTES:
1) A UNIT WEIGHT OF 2.1 TONS/CY WAS USED FOR BASE AGGREGATE DENSE 3/4-INCH
2) A UNIT WEIGHT OF 2.0 TONS/CY WAS USED FOR BASE AGGREGATE DENSE 1 1/4-INCH

3

REMOVING DRAINAGE ITEMS

STAGE	STATION	TO	STATION	OFFSET	204.0190 REMOVING SURFACE DRAINS EACH	204.0220 REMOVING INLETS EACH	204.0245.01 REMOVING STORM SEWER (12-INCH) LF	204.0245.02 REMOVING STORM SEWER (18-INCH) LF	204.0245.03 REMOVING STORM SEWER (24-INCH) LF	204.0245.04 REMOVING STORM SEWER (30-INCH) LF	204.0245.05 REMOVING STORM SEWER (42-INCH) LF	204.9060.S.01* REMOVING ENDWALLS EACH	COMMENTS
1A	6721+36	-	6721+57	RT	1	--	--	--	--	--	--	--	SURFACE DRAIN REMOVAL (INCLUDES INLET)
1A	6822"BB"+20			LT	--	--	--	--	--	--	--	1	TEMPORARY CULVERT EXTENSION
1B	6721+21	-	6721+46	LT	1	--	25	--	--	--	--	--	SURFACE DRAIN REMOVAL (INCLUDES INLET)
STAGE 1 TOTALS					2	--	25	--	--	--	--	1	
2	3710+46	-	3710+41	LT & RT	--	--	--	--	--	--	105	--	STORM SEWER REPLACEMENT
2	3720+89	-	3721+25	LT & RT	2	--	65	--	--	--	--	--	SURFACE DRAIN REMOVAL (INCLUDES INLET)
2	3822+00	-	3822+59	LT & RT	2	--	110	--	--	--	--	--	SURFACE DRAIN REMOVAL (INCLUDES INLET)
2	3827"CC"+09			LT	--	1	10	--	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP & USH 53 SB/USH 63 ENT RAMP
2	3827"CC"+09	-	3827"CC"+10	LT & RT	--	1	--	60	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP & USH 53 SB/USH 63 ENT RAMP
2	3830"CC"+12	-	3830"CC"+11	LT	--	1	10	--	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP & USH 53 SB/USH 63 ENT RAMP
2	3830"CC"+11	-	3830"CC"+07	LT & RT	--	1	--	60	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP & USH 53 SB/USH 63 ENT RAMP
2	3833+08 "CC"			LT	--	1	10	--	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP & USH 53 SB/USH 63 ENT RAMP
2	3833"CC"+07	-	3833"CC"+08	LT & RT	--	1	--	59	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP & USH 53 SB/USH 63 ENT RAMP
2	3836"CC"+09	-	3836"CC"+07	LT	--	1	--	13	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP & USH 53 SB/USH 63 ENT RAMP
2	3836"CC"+07	-	3835"CC"+99	LT & RT	--	1	--	65	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP & USH 53 SB/USH 63 ENT RAMP
2	3839"CC"+05	-	3839"CC"+07	LT	--	1	--	26	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP & USH 53 SB/USH 63 ENT RAMP
2	3839"CC"+07	-	3839"CC"+10	LT	--	1	--	53	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP & USH 53 SB/USH 63 ENT RAMP
2A	259"EB"+84			LT	--	1	8	--	--	--	--	--	INLET REPLACEMENT
2B	253"EB"+85	-	254"EB"+21	LT & RT	1	--	40	--	--	--	--	--	SURFACE DRAIN REMOVAL (INCLUDES INLET)
2E	253"WB"+75	-	254"WB"+03	LT & RT	--	--	90	--	--	--	--	--	SURFACE DRAIN REMOVAL
STAGE 2 TOTALS					5	11	343	335	--	--	105	--	
3	3710+46			LT	--	1	--	--	--	--	8	--	INLET REPLACEMENT
STAGE 3 TOTALS					--	1	--	--	--	--	8	--	
4	6721+21	-	6721+57	LT & RT	--	--	40	--	--	--	--	--	SURFACE DRAIN REMOVAL
4	6821+83	-	6822+46	LT & RT	2	--	118	--	--	--	--	--	SURFACE DRAIN REMOVAL (INCLUDES INLET)
STAGE 4 TOTALS					2	--	158	--	--	--	--	--	
5A	3853+60			LT	--	1	--	--	8	--	--	--	INLET REPLACEMENT
5A	3891+80			LT	--	1	--	--	16	--	--	--	INLET REPLACEMENT
5A	6683+05			RT	--	1	--	--	--	16	--	--	INLET REPLACEMENT
5A	6722+74			RT	--	1	--	--	8				INLET REPLACEMENT
5A	6794+89			RT	--	1	--	--	8	--	--	--	INLET REPLACEMENT
STAGE 5 TOTALS					--	5	--	--	40	16	--	--	
TOTALS					9	17	526	335	40	16	113	1	

NOTE:
*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

EARTHWORK SUMMARY

DIVISION	STATION	TO	STATION	STAGE	LOCATION	205.0100 EXCAVATION COMMON (NOTE 1) CUT (NOTE 2) (CY)	205.0100 EXCAVATION COMMON (NOTE 1) CUT (EBS) (NOTE 3) (CY)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (NOTE 4) (CY)	AVAILABLE MATERIAL (NOTE 5)	UNEXPANDED FILL	EXPANDED FILL (NOTE 6) EXPANSION FACTOR 1.25	MASS ORDINATE +/- (NOTE 7)	208.0100 BORROW (CY)	COMMENTS
1														
	6580+46	-	6586+40	1A	USH 53 SB - TEMPORARY CROSSOVER - SOUTH PROJECT LIMIT	289	--	35	254	29	36	218	--	
	10+01	-	29+41	1A	STH 70 - TEMPORARY CROSSOVER - NB EXIT RAMP	529	2,289	60	469	3,460	4,330	-3,861	1,629	SEE NOTE 8
	13+17	-	15+50	1A	STH 70 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP GORE	136	--	27	109	--	--	109	--	
	15+95	-	27+60	1A	STH 70 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	386	--	49	337	436	546	-209	--	
	27+60		29+04	1A	SHOULDER REPLACEMENT - STH 70 - TEMPORARY CROSOVER - NB ENTRANCE	10	--	10	--	--	--	--	--	
	6722+88	-	6724+64	1A	TEMPORARY GUARDRAIL - YELLOW RIVER	33	--	--	33	11	14	19	--	
	6784+90	-	6803+28	1A	TEMPORARY WIDENING - CTH H	1,130	--	174	956	38	50	907	--	
	10+44	-	19+45	1A	USH 63 INTERCHANGE - TEMPORARY CROSSOVER - NB EXIT RAMP	332	--	42	290	667	836	-546	--	
	6811+50	-	6830+26	1A	USH 63 INTERCHANGE - TEMPORARY WIDENING - SB EXIT RAMP	1,336	--	33	1,303	650	818	486	--	
	6865+12	-	6870+85	1A	TEMPORARY WIDENING - CTH A	397	--	54	343	5	7	336	--	
	6875+75	-	6877+93	1A	TEMPORARY WIDENING - CTH A	99	--	9	90	--	--	90	--	
	6883+18	-	6900+75	1A	USH 53 NB & SB - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	1,635	--	136	1,499	541	676	823	--	
SUBTOTALS						6,312	2,289	629	5,683	5,837	7,312	-1,629	1,629	
2														
	6719+90	-	6721+35	1B	TEMPORARY GUARDRAIL (YELLOW RIVER)	42	--	3	39	3	4	35	--	
	6786+03	-	6793+16	1B	SHOULDER REPLACEMENT (CTH H)	89	--	89	--	--	--	--	--	
	6794+48	-	6803+28	1B	TEMPORARY WIDENING (CTH H)	533	--	121	412	220	275	137	--	
SUBTOTALS						664	--	213	451	223	279	172	--	
3														
	3560+00	-	3675+50	2	USH 53 NB - MAINLINE	19,640	--	11,289	8,351	8	11	8,340	--	
	3683+52	-	3705+15	2	USH 53 NB - MAINLINE	4,033	--	2,243	1,790	--	--	1,790	--	
	3708+77	-	3721+24	2	USH 53 NB - MAINLINE	2,696	--	1,293	1,403	14	17	1,386	--	
	3721+83	-	3822+59	2	USH 53 NB - MAINLINE	19,820	--	10,449	9,371	759	955	8,416	--	
	3825+46	-	3835+15	2	USH 53 NB - MAINLINE	2,119	--	1,005	1,114	205	258	856	--	
	3839+09	-	3861+18	2	USH 53 NB - MAINLINE	4,573	--	2,291	2,282	--	--	2,282	--	
	3813+85		3815+25	2	SHOULDER REPLACEMENT & PAVEMENT TRANSITION - USH 53 NB & SB/USH 63 ENTRANCE	136	--	136	--	--	--	--	--	
	3815+25	-	3846+58	2	USH 53 NB & SB/USH 63 ENTRANCE	6,929	--	4,641	2,288	79	100	2,188	--	
	3842+50	-	3853+04	2	USH 53 NB/USH 63 ENTRANCE	1,234	--	644	590	--	--	590	--	
	3860+47	-	3863+88	2	USH 53 NB/USH 63 SB EXIT	457	--	208	249	22	27	222	--	
	6811+50		6815+19	2	SHOULDER REPLACEMENT & PAVEMENT TRANSITION - USH 53 SB/USH 63 EXIT	106	--	106	--	--	--	--	--	
	6815+19	-	6822+10	2	USH 53 SB/USH 63 EXIT	1,388	--	422	966	183	229	737	--	
	230+98	-	231+48	2	CRANBERRY DR	149	--	18	131	--	--	131	--	
	284+90	-	285+74	2	OJIBWA RD	205	--	24	181	4	5	176	--	
	290+97	-	291+63	2	BITTERSWEET DR	196	--	24	172	4	5	167	--	
	303+94	-	304+56	2	CTH H	217	--	24	193	4	5	188	--	
	3710+46			2	PIPE - TRANSITION CUT	1,029	--	--	1,029	--	--	1,029	--	
	3827+09			2	PIPE - TRANSITION CUT	418	--	--	418	--	--	418	--	
	3830+11			2	PIPE - TRANSITION CUT	446	--	--	446	--	--	446	--	
	3833+08			2	PIPE - TRANSITION CUT	450	--	--	450	--	--	450	--	
	3836+07			2	PIPE - TRANSITION CUT	541	--	--	541	--	--	541	--	
	3839+07			2	PIPE - TRANSITION CUT	416	--	--	416	--	--	416	--	
SUBTOTALS						67,198	--	34,818	32,380	1,282	1,611	30,770	--	
4														
	3835+15	-	3839+09	2	USH 53 NB - MAINLINE GAP	881	--	409	472	--	--	472	--	
	3837+79	-	3844+85	2	USH 53 NB/USH 63 EXIT	869	--	431	438	344	431	7	--	
	18+04	-	19+48	2	USH 63 INTERCHANGE - TEMPORARY CROSSOVER - NB EXIT RAMP	24	--	24	--	--	--	--	--	
SUBTOTALS						1,774	--	864	910	344	431	479	--	
5														
	241+46	-	249+91	2A	SHOULDER REPLACEMENT - STH 70	92	--	23	69	--	--	69	--	
	249+39	-	250+70	2A	MEDIAN REPLACEMENT - STH 70	59	--	15	44	--	--	44	--	
	259+73	-	261+55	2A	MEDIAN REPLACEMENT - STH 70	86	--	20	66	--	--	66	--	
	260+62	-	272+15	2A	SHOULDER REPLACEMENT - STH 70	132	--	32	100	--	--	100	--	
	240+16	-	252+25	2A	SHOULDER REPLACEMENT - STH 70	137	--	34	103	--	--	103	--	
	252+25	-	253+82	2A	TEMPORARY GUARDRAIL - STH 70	83	--	4	79	140	176	-97	--	
	256+39	-	258+70	2A	TEMPORARY GUARDRAIL - STH 70	134	--	6	128	167	209	-81	--	
	260+30	-	272+14	2A	SHOULDER REPLACEMENT - STH 70	124	--	33	91	--	--	91	--	
SUBTOTALS						847	--	167	680	307	385	295	--	

NOTES:
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4) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS THE EXISTING CONCRETE AND ASPHALT PAVEMENT VOLUME.
5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL (0 IF NEGATIVE)
6) EXPANDED FILL FACTOR = 1.25
7) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.
8) EBS MATERIAL IN DIVISION 1 TO BE WASTED, DO NOT INCORPORATE EBS INTO FILLS.

EARTHWORK SUMMARY CONT'D

DIVISION	STATION	TO	STATION	STAGE	LOCATION	205.0100 EXCAVATION COMMON (NOTE 1) CUT (NOTE 2) (CY)	205.0100 EXCAVATION COMMON (NOTE 1) CUT (EBS) (NOTE 3) (CY)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (NOTE 4) (CY)	AVAILABLE MATERIAL (NOTE 5)	UNEXPANDED FILL	EXPANDED FILL (NOTE 6) EXPANSION FACTOR 1.25	MASS ORDINATE +/- (NOTE 7)	208.0100 BORROW (CY)	COMMENTS
6														
	251+50	-	253+94	2B	STH 70 EB	174	--	72	102	1,231	1,542	-1,440	1,321	
	256+55	-	259+18	2B	STH 70 EB	315	--	78	237	93	118	119	--	
SUBTOTALS						489	--	150	339	1,324	1,660	-1,321	1,321	
7														
	3695+31	-	3695+86	2C1	USH 53 NB/STH 70 EXIT	109	--	33	76	--	--	76	--	
	259+18	-	260+46	2C1	STH 70 EB	110	--	38	72	--	--	72	--	
	260+46		260+56	2C1	STH 70 EB - PAVEMENT TRANSITION	4	--	4	--	--	--	--	--	
SUBTOTALS						223	--	75	148	--	--	148	--	
8														
	3675+50	-	3683+52	2C2	USH 53 NB - MAINLINE GAP	1,585	--	832	753	--	--	753	--	
	3705+15	-	3708+77	2C2	USH 53 NB - MAINLINE GAP	856	--	375	481	--	--	481	--	
	3685+59	-	3695+31	2C2	USH 53 NB/STH 70 EXIT	1,142	--	576	566	--	--	566	--	
	3695+51	-	3707+83	2C2	USH 53 NB/STH 70 ENTRANCE	1,494	--	730	764	81	101	663	--	
	20+75	-	24+31	2C2	STH 70 - TEMPORARY CROSSOVER - NB EXIT RAMP	63	--	63	--	--	--	--	--	
	15+92	-	17+42	2C2	STH 70 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	60	--	60	--	--	--	--	--	
SUBTOTALS						5,200	--	2,636	2,564	81	101	2,463	--	
9														
	3694+93	-	3695+42	2D	USH 53 NB/STH 70 ENTRANCE	88	--	29	59	6	8	51	--	
	259+22	-	260+18	2D	STH 70 WB	96	--	28	68	--	--	68	--	
	260+18		260+28	2D	STH 70 WB - PAVEMENT TRANSITION	4	--	4	--	--	--	--	--	
SUBTOTALS						188	--	61	127	6	8	119	--	
10														
	251+50	-	253+94	2E	STH 70 WB	236	--	72	164	132	165	-1	--	
	256+55	-	259+22	2E	STH 70 WB	290	--	79	211	1	1	210	--	
SUBTOTALS						526	--	151	375	133	166	209	--	
11														
	10+01	-	29+40	3	REMOVAL - STH 70 - TEMPORARY CROSSOVER - NB EXIT RAMP	2,144	--	242	1,902	--	--	1,902	--	
	13+17	-	15+50	3	REMOVAL - STH 70 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP GORE	123	--	33	90	--	--	90	--	
	15+95	-	27+60	3	REMOVAL - STH 70 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	1,208	--	199	1,009	--	--	1,009	--	
	10+44	-	19+45	3	REMOVAL - USH 63 INTERCHANGE - TEMPORARY CROSSOVER - NB EXIT RAMP	1,271	--	157	1,114	--	--	1,114	--	
	10+00	-	27+53	3	STH 70 - TEMPORARY CROSSOVER - SB ENTRANCE RAMP	649	--	11	638	878	1,100	-462	--	
	13+61	-	16+52	3	STH 70 - TEMPORARY CROSSOVER - SB EXIT RAMP GORE	145	--	39	106	8	10	96	--	
	17+09	-	25+45	3	STH 70 - TEMPORARY CROSSOVER - SB EXIT RAMP	473	--	--	473	246	308	166	--	
	13+93	-	25+74	3	USH 63 INTERCHANGE - TEMPORARY CROSSOVER - SB EXIT RAMP	585	--	8	577	404	507	70	--	
	3863+78	-	3876+59	3	TEMPORARY WIDENING - CTH A	540	--	65	475	70	89	387	--	
SUBTOTALS						7,138	--	755	6,383	1,606	2,013	4,371	--	
12														
	6560+00	-	6682+36	4	USH 53 SB - MAINLINE	19,870	--		19,870	81	103	19,767	--	
	6688+22	-	6708+39	4	USH 53 SB - MAINLINE	3,744	--	2,092	1,652	--	--	1,652	--	
	6712+53	-	6721+57	4	USH 53 SB - MAINLINE	1,643	--	937	706	2	2	704	--	
	6722+15	-	6822+46	4	USH 53 SB - MAINLINE	18,668	--	10,403	8,265	350	441	7,825	--	
	6825+33	-	6848+19	4	USH 53 SB - MAINLINE	4,648	--	2,371	2,277	140	175	2,102	--	
	6853+13	-	6862+50	4	USH 53 SB - MAINLINE	1,926	--	972	954	--	--	954	--	
	222+46	-	223+02	4	CRANBERRY DR	180	--	19	161	--	--	161	--	
	282+88	-	283+92	4	OJIBWA RD	685	--	24	661	--	--	661	--	
	301+51	-	302+81	4	CTH H	309	--	36	273	29	38	235	--	
	6725+46			4	PIPE - TRANSITION CUT	692	--	--	692	--	--	692	--	
SUBTOTALS						52,365	--	16,853	35,512	602	759	34,753	--	

NOTES:
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3) EBS EXCAVATION TO BE BACKFILLED WITH BACKFILL GRANULAR GRADE 1 MATERIAL.
4) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS THE EXISTING CONCRETE AND ASPHALT PAVEMENT VOLUME.
5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL (0 IF NEGATIVE)
6) EXPANDED FILL FACTOR = 1.25
7) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.
8) EBS MATERIAL IN DIVISION 1 TO BE WASTED, DO NOT INCORPORATE EBS INTO FILLS.

EARTHWORK SUMMARY CONT'D

DIVISION	STATION	TO	STATION	STAGE	LOCATION	205.0100 EXCAVATION COMMON (NOTE 1) CUT (NOTE 2) (CY)	205.0100 EXCAVATION COMMON (NOTE 1) CUT (EBS) (NOTE 3) (CY)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (NOTE 4) (CY)	AVAILABLE MATERIAL (NOTE 5)	UNEXPANDED FILL	EXPANDED FILL (NOTE 6) EXPANSION FACTOR 1.25	MASS ORDINATE +/- (NOTE 7)	208.0100 BORROW (CY)	COMMENTS
13														
	6848+19	-	6853+13	4	USH 53 SB - MAINLINE GAP	1,139	--	512	627	--	--	627	--	
	6822+10	-	6850+37	4	USH 53 SB/USH 63 EXIT	4,357	--	1,728	2,629	85	108	2,521	--	
	13+91	-	16+20	4	USH 63 INTERCHANGE - TEMPORARY CROSSOVER - SB EXIT RAMP	36	--	36	--	--	--	--	--	
SUBTOTALS						5,532	--	2,276	3,256	85	108	3,148	--	
14														
	248+65		248+75	4A	STH 70 WB - PAVEMENT TRANSITION	4	--	4	--	--	--	--	--	
	248+75	-	251+50	4A	STH 70 WB	435	--	81	354	--	--	354	--	
	6699+46	-	6699+96	4A	USH 53 SB/STH 70 EXIT	85	--	30	55	--	--	55	--	
SUBTOTALS						524	--	115	409	--	--	409	--	
15														
	6682+36	-	6688+22	4B	USH 53 SB - MAINLINE GAP	1,404	--	608	796	--	--	796	--	
	6708+39	-	6712+53	4B	USH 53 SB - MAINLINE GAP	1,072	--	429	643	--	--	643	--	
	6686+71	-	6700+43	4B	USH 53 NB/STH 70 ENTRANCE	1,434	--	813	621	59	73	548	--	
	6699+96	-	6709+65	4B	USH 53 NB/STH 70 EXIT	1,124	--	574	550	160	200	350	--	
	24+70	-	27+54	4B	STH 70 - TEMPORARY CROSSOVER - SB ENTRANCE RAMP	44	--	44	--	--	--	--	--	
	17+09	-	18+87	4B	STH 70 - TEMPORARY CROSSOVER - SB EXIT RAMP	29	--	29	--	--	--	--	--	
	248+65		248+75	4B	STH 70 EB - PAVEMENT TRANSITION	4	--	4	--	--	--	--	--	
	248+75	-	251+50	4B	STH 70 EB	339	--	81	258	2	3	256	--	
SUBTOTALS						5,450	--	2,583	2,868	221	275	2,592	--	
16														
	252+40	-	253+57	4C	STH 70 WB	157	--	--	157	--	--	157	--	
SUBTOTALS						157	--	--	157	--	--	157	--	
17														
	3553+90	-	3556+00	5A	SHOULDER REPLACEMENT - USH 53 NB	12	--	12	--	--	--	--	--	
	3556+00	-	3582+12	5A	USH 53 NB - MAINLINE	3,985	--	1,354	2,631	13	18	2,612	--	
	3863+78	-	3876+59	5A	REMOVAL - TEMPORARY WIDENING - CTH A	247	--	177	70	--	--	70	--	
	6553+90	-	6555+52	5A	SHOULDER REPLACEMENT - USH 53 SB	9	--	9	--	--	--	--	--	
	6555+52	-	6586+40	5A	USH 53 SB - MAINLINE	4,371	--	1,601	2,770	9	11	2,759	--	
	6695+00	-	6700+97	5A	USH 53 SB - MAINLINE	145	--	--	145	420	528	-383	--	
	6718+99	-	6721+42	5A	USH 53 SB - MAINLINE	130	--	--	130	17	22	108	--	
	6722+42	-	6725+46	5A	USH 53 SB - MAINLINE	63	--	--	63	335	420	-357	--	
	6794+67	-	6803+00	5A	USH 53 SB - MAINLINE	589	--	--	589	16	20	569	--	
	6818+75	-	6822+46	5A	USH 53 SB - MAINLINE	143	--	--	143	259	325	-182	--	
	6865+12	-	6870+85	5A	REMOVAL - TEMPORARY WIDENING - CTH A	107	--	102	5	--	--	5	--	
	6875+75	-	6877+93	5A	REMOVAL - TEMPORARY WIDENING - CTH A	15	--	15	--	--	--	--	--	
	6883+18	-	6900+75	5A	REMOVAL - USH 53 NB & SB - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	4,173	--	648	3,525	--	--	3,525	--	
	10+00	-	27+53	5A	REMOVAL - STH 70 - TEMPORARY CROSSOVER - SB ENTRANCE RAMP	2,371	--	244	2,127	--	--	2,127	--	
	13+61	-	16+52	5A	REMOVAL - STH 70 - TEMPORARY CROSSOVER - SB EXIT RAMP GORE	275	--	48	228	--	--	228	--	
	17+09	-	25+45	5A	REMOVAL - STH 70 - TEMPORARY CROSSOVER - SB EXIT RAMP	1,055	--	150	905	--	--	905	--	
	13+93	-	25+74	5A	REMOVAL - USH 63 INTERCHANGE - TEMPORARY CROSSOVER - SB EXIT RAMP	1,503	--	188	1,314	--	--	1,314	--	
	6596+89	-	6598+32	5A	MEDIAN	187	--	44	143	1	1	142	--	
	6614+99	-	6616+24	5A	MEDIAN	145	--	40	105	--	--	105	--	
	10+01	-	11+75	5A	MEDIAN	365	--	74	291	--	--	291	--	
	6737+97	-	6739+83	5A	MEDIAN	256	--	56	200	--	--	200	--	
	6779+96	-	6781+45	5A	MEDIAN	205	--	54	151	--	--	151	--	
	6793+38	-	6795+07	5A	MEDIAN	281	--	59	222	--	--	222	--	
	6845+38	-	6846+05	5A	MEDIAN	77	--	53	24	2	3	22	--	
	6855+22	-	6855+95	5A	MEDIAN	126	--	22	104	--	--	104	--	
	6868+46	-	6870+11	5A	MEDIAN	290	--	81	209	--	--	209	--	
SUBTOTALS						21,125	--	5,032	16,093	1,072	1,348	14,745	--	
PROJECT TOTALS						175,714	2,289	67,378	108,336	13,123	16,455	91,881	2,950	
						178,003								

NOTES:
1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS.
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
3) EBS EXCAVATION TO BE BACKFILLED WITH BACKFILL GRANULAR GRADE 1 MATERIAL.
4) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS THE EXISTING CONCRETE AND ASPHALT PAVEMENT VOLUME.
5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL (0 IF NEGATIVE)
6) EXPANDED FILL FACTOR = 1.25
7) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.
8) EBS MATERIAL IN DIVISION 1 TO BE WASTED, DO NOT INCORPORATE EBS INTO FILLS.

CONCRETE PAVEMENT ITEMS

STAGE	STATION	TO	STATION	OFFSET	415.0070 CONCRETE PAVEMENT 7-INCH SY	415.0080 CONCRETE PAVEMENT 8-INCH SY	415.0095 CONCRETE PAVEMENT 9 1/2-INCH SY	415.0120 CONCRETE PAVEMENT 12-INCH SY	405.0100 COLORING CONCRETE WISDOT RED CY	415.0210 CONCRETE PAVEMENT GAPS EACH	415.0410 CONCRETE PAVEMENT APPROACH SLAB SY	416.0620 DRILLED DOWEL BARS EACH	SPV.0090.02 CONCRETE SILANE SEALER FOR PCC SAW CUTS LF	COMMENTS
2	3560+00	-	3675+50	LT & RT	--	--	31,302	--	--	2	--	8	28,780	USH 53 MAINLINE
2	3683+52	-	3705+15	LT & RT	--	--	6,249	--	--	--	--	--	5,912	USH 53 MAINLINE
2	3708+77	-	3721+24	LT & RT	69	1,015	3,524	--	--	--	58	--	4,033	USH 53 MAINLINE
2	3721+83	-	3822+59	LT & RT	100	--	28,895	--	--	3	138	--	27,540	USH 53 MAINLINE
2	3825+46	-	3835+15	LT & RT	30	584	2,664	--	--	--	81	--	3,049	USH 53 MAINLINE
2	3839+09	-	3861+18	LT & RT	--	--	6,382	--	--	--	--	16	6,038	USH 53 MAINLINE
2	3835"AA"+07	-	3853"AA"+00	LT & RT	--	3,308	1,138	--	--	--	--	--	2,835	USH 53 NB/USH 63 EXIT RAMP & USH 53 MAINLINE GAP
2	6815"BB"+19	-	6822"BB"+10	LT & RT	--	1,157	--	--	--	--	--	8	691	USH 53 SB/USH 63 EXIT RAMP
2	3815"CC"+25	-	3846"CC"+65	LT & RT	--	5,113	--	--	--	--	--	8	3,140	USH 53 SB/USH 63 ENT RAMP
2	3825"CC"+56	-	3831"CC"+56	LT	--	1,000	--	--	--	--	--	--	600	USH 53 NB/USH 63 EXIT RAMP
2	3840"DD"+00	-	3860"DD"+80	LT & RT	--	2,995	--	--	--	--	--	--	1,810	USH 53 NB/USH 63 ENT RAMP
2	3859"EE"+00	-	3863"EE"+71	LT & RT	--	857	--	--	--	--	--	--	471	USH 53 NB/USH 63 EXIT RAMP
2B	251"EB"+48		259"EB"+17	LT & RT	--	1,510	--	--	--	--	58	--	1,207	STH 70 EB
2C1	258"EB"+89	-	260"EB"+46	LT & RT	--	705	--	--	--	--	--	--	420	USH 53 NB/STH 70 EXIT RAMP & STH 70 EB
2C2	3675+50	-	3683+52	LT & RT		--	2,317	--	--	--	--	--	1,390	USH 53 MAINLINE GAP
2C2	3680"A"+94	-	3694"A"+80	LT & RT	--	2,322	--	--	--	--	--	--	1,386	USH 53 NB/STH 70 EXIT RAMP
2C2	3696"B"+28	-	3708"B"+77	LT & RT	--	2,355	1,046	--	--	--	--	--	1,991	USH 53 NB/STH 70 ENT RAMP & USH 53 MAINLINE GAP
2D	258"WB"+87	-	260"WB"+18	LT & RT	--	593	--	74	25	--	--	--	410	USH 53 NB/STH 70 ENT RAMP & STH 70 WB
2E	251"WB"+48	-	258"WB"+87	LT & RT	--	1,428	--	44	15	--	58	--	1,138	STH 70 WB
STAGE 2 TOTALS					199	24,942	83,517	118	40	5	393	40	92,841	
4	6560+00	-	6682+36	LT & RT	--	414	33,485	--	--	2	--	8	31,205	USH 53 MAINLINE
4	6688+22	-	6708+39	LT & RT	--	--	5,827	--	--	--	--	--	5,513	USH 53 MAINLINE
4	6712+53	-	6721+57	LT & RT	53	114	2,534	--	--	--	58	--	2,541	USH 53 MAINLINE
4	6722+15	-	6822+46	LT & RT	95	--	28,768	--	--	3	138	--	27,418	USH 53 MAINLINE
4	6825+33		6848+19	LT & RT	38	--	6,462	--	--	--	81	--	6,248	USH 53 MAINLINE
4	6853+13	-	6862+50	LT & RT	--	--	2,707	--	--	--	--	16	2,561	USH 53 MAINLINE
4	6822"BB"+10	-	6852"BB"+75	LT & RT	--	4,909	1,427	--	--	--	--	--	3,065	USH 53 SB/USH 63 EXIT RAMP & USH 53 MAINLINE GAP
4A	248"WB"+75	-	251"WB"+48	LT & RT	--	962	--	--	--	--	--	--	734	USH 53 SB/STH 70 EXIT RAMP & STH 70 WB
4B	248"EB"+75	-	250"EB"+70	LT	--	--	--	299	99	--	--	--	--	STH 70 MEDIAN ISLAND
4B	6682"D"+36	-	6700"D"+61	LT & RT	--	3,981	1,693	--	--	--	--	--	3,532	USH 53 SB/STH 70 ENT & USH 53 MAINLINE GAP
4B	6700"C"+56	-	6712"C"+55	LT & RT	--	2,189	1,196	--	--	--	--	--	2,002	USH 53 SB/STH 70 EXIT RAMP & USH 53 MAINLINE GAP
4C	259"EB"78	-	261"EB"+55	LT	--	--	--	3	1	--	--	--	--	STH 70 MEDIAN ISLAND
STAGE 4 TOTALS					186	12,568	84,099	302	100	5	277	24	84,819	
5A	3560+00	-	3575+50	LT	--	--	2,067	--	--	--	--	8	1,240	USH 53 MAINLINE NB, SOUTH CROSSOVER
5A	6560+00	-	6574+00	RT	--	--	1,867	--	--	--	--	8	1,120	USH 53 MAINLINE SB, SOUTH CROSSOVER
5A	3846"CC"+91	-	3847"CC"+41	LT	--	167	--	--	--	--	--	--	140	USH 53 SB/USH 63 ENT RAMP
STAGE 5 TOTALS					--	--	3,934	--	--	--	--	16	2,500	
TOTALS					385	37,510	171,550	420	140	10	670	80	180,160	

NOTE:
GAPS INCLUDED FOR INTERSECTIONS AND DRIVEWAYS

CONCRETE CURB & GUTTER ITEMS

STAGE	STATION	TO	STATION	OFFSET	601.0413 CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G LF	601.0417 CONCRETE CURB & GUTTER 30-INCH TYPE K LF	601.0419 CONCRETE CURB & GUTTER 30-INCH TYPE L LF	601.0555 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A LF	601.0557 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D LF	601.0580 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R LF	601.0590 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE TBTT LF	620.0300 CONCRETE MEDIAN SLOPED NOSE SF	SPV.0090.03 CONCRETE CURB & GUTTER CURE AND SEAL TREATMENT LF	COMMENTS
2	3720+62	-	3721+13	LT & RT	--	--	--	--	--	--	89	--	89	USH 53 SURFACE DRAINS
2	3792+80	-	3794+10	RT	--	--	--	--	150	--	--	--	150	CTH H
2	3821+66	-	3822+48	LT & RT	--	--	--	--	--	--	90	--	90	USH 53 SURFACE DRAINS
2	3853"AA"+00	-	3839"AA"+02	LT & RT	--	--	--	1,400	--	--	--	--	1,400	USH 53 NB/USH 63 EXIT RAMP
2	3822"CC"+90	-	3840"CC"+86	LT	--	--	--	1,795	--	--	--	--	1,795	USH 53 SB/USH 63 ENT RAMP
2	3825"CC"+56	-	3831"CC"+56	LT	--	--	--	600	207	--	--	--	807	USH 53 NB/USH 63 EXIT RAMP
2	3859"EE"+00	-	3862"EE"+50	LT & RT	--	--	--	246	338	--	--	--	584	USH 53 NB/USH 63 EXIT RAMP
2B	251"EB"+90	-	258"EB"+89	LT & RT	--	--	--	366	--	100	53	--	519	STH 70 EB
2C1	3695"A"+36	-	3695"A"+84	RT	--	--	--	76	--	--	--	--	76	USH 53 NB/STH 70 EXIT RAMP
2D	3694"B"+95	-	3695"B"+90	LT & RT	--	--	--	64	--	108	--	--	172	USH 53 NB/STH 70 ENT RAMP
2E	253"WB"+23	-	258"WB"+89	LT & RT	366	--	--	--	--	100	52	--	518	STH 70 WB
STAGE 2 TOTALS					366	--	--	4,547	695	308	284	--	6,200	
4	6721+04	-	6721+46	LT & RT	--	--	--	--	--	--	64	--	64	USH 53 SURFACE DRAINS
4	6793+50	-	6794+79	LT	--	--	--	--	150	--	--	--	150	CTH H
4	6821+59	-	6822+35	LT & RT	--	--	--	--	--	--	64	--	64	USH 53 SURFACE DRAINS
4A	6699"C"+48	-	6699"C"+96	LT	--	--	--	77	--	--	--	--	77	USH 53 SB/STH 70 EXIT RAMP
4B	6699"D"+94	-	6700"D"+41	LT & RT	--	--	--	98	--	--	--	--	98	USH 53 SB/STH 70 ENT RAMP
4B	248"EB"+75	-	251"EB"+90	LT	67	--	--	--	--	394	--	6	461	STH 70 MEDIANS
4C	259"WB"+78	-	261"WB"+75	RT	--	95	140	--	--	18	--	--	253	STH 70 MEDIAN
STAGE 4 TOTALS					67	95	140	175	150	412	128	6	1,167	
TOTALS					433	95	140	4,722	845	720	412	6	7,367	

ASPHALT ITEMS

STAGE	STATION	TO	STATION	OFFSET	455.0605 TACK COAT GAL	450.4000 HMA COLD WEATHER PAVING TON	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	460.6244 HMA PAVEMENT 4 MT 58-34 S TON	465.0105 ASPHALTIC SURFACE TON	465.0110 ASPHALTIC SURFACE PATCHING TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	465.0125 ASPHALTIC SURFACE TEMPORARY TON	465.0310 ASPHALTIC CURB LF	465.0315 ASPHALTIC FLUMES SY	COMMENTS
1A	3664+96	-	3679+26	LT	109	--	--	--	--	--	--	488	--	--	USH 53 NB/STH 70 EXIT RAMP TEMP CROSSOVER
1A	3707+06	-	3720+18	LT	105	--	--	--	--	--	--	464	--	--	USH 53 NB/STH 70 ENT RAMP TEMP CROSSOVER
1A	3827+75	-	3836+98	LT	71	--	--	--	--	--	--	317	--	--	USH 53 NB/USH 63 EXIT RAMP TEMP CROSSOVER
1A	3881+84	-	3901+00	LT	238	--	--	--	--	--	--	1,344	--	--	NORTH LIMIT TEMP CROSSOVER
1A	6580+46	-	6586+40	RT	18	--	--	--	--	--	--	103	--	--	SOUTH LIMIT TEMP CROSSOVER
1A	6721+09	-	6721+56	RT	1	--	--	--	--	--		5	40	10	SURFACE DRAIN REMOVAL/TEMPORARY GUARDRAIL
1A	6784+91	-	6803+28	RT	105	--	--	--	--	--	--	591	--	--	CTH H TEMP WIDENING
1A	6865+12	-	6877+93	RT	42	--	--	--	--	--	--	236	--	--	CTH A TEMP WIDENING
1A	6811"BB"+50	-	6830"BB"+26	LT	153	--	--	--	--	--	--	862	--	--	USH 53 SB/USH 63 EXIT RAMP TEMP WIDENING
1B	6720+95	-	6721+46	LT	2	--	--	--	--	--	--	13	40	10	SURFACE DRAIN REMOVAL/TEMPORARY GUARDRAIL
1B	6786+03	-	6802+18	LT	91	--	--	--	--	--	--	513	--	--	CTH H TEMP WIDENING
STAGE 1 TOTALS					935	--	--	--	--	--	--	4,936	80	20	
2	3560+00	-	3675+50	LT & RT	677	--	1,346	1,096	--	--	--	220	--	--	USH 53 MAINLINE
2	3683+52	-	3705+15	LT & RT	116	--	236	230	--	--	--	--	--	--	USH 53 MAINLINE
2	3708+77	-	3721+24	LT & RT	60	--	122	119	--	--	--	--	--	--	USH 53 MAINLINE
2	3721+83	-	3822+59	LT & RT	625	--	1,218	967	--	--	--	293	--	--	USH 53 MAINLINE
2	3825+46	-	3835+15	LT & RT	48	--	97	95	--	--	--	--	--	--	USH 53 MAINLINE
2	3839+09	-	3861+18	LT & RT	88	--	184	170	--	--	--	--	--	--	USH 53 MAINLINE
2	3611+20	-	3617+28	RT	91	--	204	102	--	--	--	--	--	--	CRANBERRY DR (EAST)
2	3733+53	-	3739+61	RT	97	--	218	109	--	--	--	--	--	--	OJIBWA RD
2	3775+24	-	3781+42	RT	96	--	216	108	--	--	--	--	--	--	BITTERSWEET DR
2	3786+95	-	3794+97	RT	125	--	281	140	--	--	--	--	--	16	CTH H
2	3560+00	-	3861+18	RT	--	--	--	--	--	--	20	--	--	--	DRIVEWAYS
2	3835"AA"+07	-	3853"AA"+00	LT & RT	69	--	117	115	--	--	--	62	--	8	USH 53 NB/USH 63 EXIT RAMP & USH 53 MAINLINE GAP
2	6815"BB"+14	-	6822"BB"+10	LT & RT	27	--	54	53	8	--	--	--	--	--	USH 53 SB/USH 63 EXIT RAMP
2	3813"CC"+85	-	3846"CC"+65	LT & RT	121	--	242	239	137	--	--	--	--	8	USH 53 SB/USH 63 ENTRANCE
2	3825"CC"+56	-	3831"CC"+56	LT	21	--	41	41	--	--	--	--	--	8	USH 53 NB/USH 63 EXIT RAMP
2	3840"DD"+00	-	3861"DD"+00	LT & RT	69	--	137	135	--	--	--	--	--	--	USH 53 NB/USH 63 ENT RAMP
2	3859"EE"+00	-	3863"EE"+82	LT & RT	21	--	42	41	--	--	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP
2A	240"WB"+16	-	272"WB"+14	LT & RT	213	--	566	378	--	--	--	252	--	10	STH 70 EB & WB SHLDR WIDENING & TEMP MEDIANS
2B	251"EB"+50	-	251"EB"+90	RT	8	--	--	--	--	--	--	44	--	--	STH 70 EB TEMPORARY PAVEMENT TRANSITION
2C1	260"EB"+46	-	260"EB"+56	RT	3	--	--	--	10	--	--	--	--	--	STH 70 EB PAVEMENT TRANSITION
2C2	3675+50	-	3683+52	LT & RT	59	--	64	61	--	--	--	128	--	--	USH 53 MAINLINE GAP
2C2	3680"A"+88	-	3695"A"+32	LT & RT	53	--	109	106	--	--	--	--	--	8	USH 53 NB/STH 70 EXIT RAMP
2C2	3695"B"+42	-	3708"B"+77	LT & RT	97	--	141	140	--	--	--	116	--	8	USH 53 NB/STH 70 ENT RAMP & USH 53 MAINLINE GAP
2D	260"WB"+18	-	260"WB"+28	LT	3	--	--	--	10	--	--	--	--	--	STH 70 WB PAVEMENT TRANSITION
2E	251"WB"+50	-	251"WB"+90	LT & RT	6	--	--	--	--	--	--	31	--	--	STH 70 WB TEMPORARY PAVEMENT TRANSITION
STAGE 2 TOTALS					2,793	--	5,633	4,444	164	--	20	1,145	--	65	
3	3666+86	-	3684+41	LT	116	--	15	15	--	--	--	496	--	--	USH 53 SB/STH 70 ENT RAMP TEMP CROSSOVER & NB SHLDR
3	3707+02	-	3719+75	LT	90	--	10	10	--	--	--	395	--	--	USH 53 SB/STH 70 EXIT RAMP TEMP CROSSOVER & NB SHLDR
3	6850+87	-	6862+66	RT	87	--	10	10	--	--	--	380	--	--	USH 53 SB/USH 63 EXIT RAMP TEMP CROSSOVER & NB SHLDR
3	3863+78	-	3876+59	RT	39	--	--	--	--	--	--	216	--	--	CTH A TEMP WIDENING
3	6811"BB"+50	-	6815"BB"+15	LT	10	--	20	20	--	--	--	--	--	--	USH 53 SB/USH 63 EXIT RAMP SHLDR
STAGE 3 TOTALS					342	--	55	55	--	--	--	1,487	--	--	
4	6560+00	-	6682+36	LT & RT	642	--	1,355	1,136	--	--	--	--	--	--	USH 53 MAINLINE
4	6688+22	-	6708+39	LT & RT	101	--	206	200	--	--	--	--	--	--	USH 53 MAINLINE
4	6712+53	-	6721+57	LT & RT	42	--	87	84	--	--	--	--	--	--	USH 53 MAINLINE
4	6722+15	-	6822+46	LT & RT	545	--	1,137	995	--	--	--	--	--	--	USH 53 MAINLINE
4	6825+33	-	6848+19	LT & RT	121	--	244	238	--	--	--	--	--	--	USH 53 MAINLINE
4	6853+13	-	6862+50	LT & RT	50	--	103	96	--	--	--	--	--	--	USH 53 MAINLINE
4	6596+21	-	6601+87	LT	87	--	195	98	--	--	--	--	--	--	CRANBERRY DR (WEST)
4	6737+76	-	6743+96	LT	102	--	229	114	--	--	--	--	--	--	OJIBWA RD
4	6792+64	-	6799+49	LT	130	--	292	146	--	--	--	--	--	16	CTH H
4	6560+00	-	6862+00	LT	--	--	--	--	--	--	50	--	--	--	DRIVEWAYS
4	6822"BB"+10	-	6852"BB"+75	LT & RT	168	--	310	302	--	--	--	72	--	--	USH 53 SB/USH 63 EXIT RAMP & USH 53 MAINLINE GAP
4A	248"WB"+65	-	248"WB"+75	LT	2	--	--	--	8	--	--	--	--	16	STH 70 WB PAVEMENT TRANSITION
4A	250"WB"+00			LT	--	--	--	--	--	--	--	--	--	8	ASPHALTIC FLUME
4B	248"EB"+65	-	248"EB"+75	RT	2	--	--	--	8	--	--	--	--	--	STH 70 EB PAVEMENT TRANSITION
4B	6682"D"+36	-	6699"D"+02	LT & RT	103	--	166	165	--	--	--	89	--	20	USH 53 SB/STH 70 ENT RAMP & USH 53 MAINLINE GAP
4B	6700"C"+56	-	6712"C"+53	LT & RT	108	--	147	146	--	--	--	152	--	--	USH 53 SB/STH 70 EXIT RAMP & USH 53 MAINLINE GAP
4C	260"WB"+18	-	261"WB"+55	LT	1	--	--	--	--	10	--	--	--	--	STH 70 WB CURB & GUTTER PATCHING
STAGE 4 TOTALS					2,204	--	4,471	3,720	16	10	50	312	--	60	
5A	3553+90	-	3584+00	LT	104	228	239	214	--	--	--	--	--	--	SOUTH LIMIT TEMP CROSSOVER REMOVAL
5A	3560+00	-	3869+51	LT	296	500	664	332	--	--	--	--	--	--	MEDIAN OPENINGS
5A	3666+86	-	3678+50	LT	23	55	61	50	--	--	--	--	--	--	USH 53 SB/STH 70 TEMP ENT RAMP REMOVAL
5A	3707+02	-	3719+75	LT	22	51	56	46	--	--	--	--	--	--	USH 53 SB/STH 70 TEMP EXIT RAMP REMOVAL
5A	3849+39	-	3899+43	LT	100	215	222	205	--	--	--	--	--	--	TEMP CROSSOVERS & CTH A TEMP WIDENING REMOVAL
5B	3865+75	-	3874+75	RT	57	46	--	91	--	--	--	--	--	--	MILL & OVERLAY NB SHLDR
5B	6866+25	-	6876+00	LT	54	45	--	86	--	--	--	--	--	--	MILL & OVERLAY SB SHLDR
STAGE 5 TOTALS					656	1,050	1,241	1,022	--	--	--	--	--	--	
UNDISTRIBUTED										125					EXISTING PAVEMENT REPAIRS
TOTALS					6,930	1,050	11,400	9,240	180	135	70	7,880	80	145	

3

RUMBLE STRIPS

STAGE	STATION	TO	STATION	OFFSET	416.1110 CONCRETE SHOULDER RUMBLE STRIPS LF	465.0400 ASPHALTIC SHOULDER RUMBLE STRIPS LF	COMMENTS
5A	3553+90	-	3899+43	LT	--	31,470	USH 53 NB
5A	6553+90	-	6900+75	RT	--	30,930	USH 53 SB
5B	3552+23	-	3560+00	RT	780	--	USH 53 NB
5B	3560+00	-	3861+18	RT	22,870	--	USH 53 NB
5B	6550+55	-	6560+00	LT	950	--	USH 53 SB
5B	6560+00	-	6862+00	LT	25,400	--	USH 53 SB
5B	3713"B"+42	-	3719"B"+42	RT	--	600	USH 53 NB/STH 70 ENT RAMP
5B	3855"DD"+18	-	3861"DD"+18	RT	--	600	USH 53 NB/USH 63 ENT RAMP
5B	6675"DD"+34	-	6681"DD"+34	LT	--	600	USH 53 SB/STH 70 ENT RAMP
STAGE 5 TOTALS					50,000	64,200	
TOTALS					50,000	64,200	

CONCRETE SURFACE DRAINS

STAGE	STATION	OFFSET	416.1010 CONCRETE SURFACE DRAINS CY
2	3720+72	RT	1.0
2	3720+74	LT	1.0
2	3821+76	LT	1.0
2	3822+06	RT	1.0
2B	253"EB"+62	RT	1.0
2E	253"WB"+57	LT	1.0
STAGE 2 TOTALS			6.0
4	6721+14	LT	1.0
4	6721+20	RT	1.0
4	6821+69	LT	1.0
4	6822+09	RT	1.0
STAGE 4 TOTALS			4.0
TOTALS			10.0

3

TEMPORARY STORM SEWER & CULVERT ITEMS

STRUCTURE AND PIPE INFORMATION												520.2024 CULVERT PIPE TEMPORARY 24-INCH	SPV.0090.04 TEMPORARY STORM SEWER PIPE REINFOCRCED CONCRETE CLASS III 42-INCH	SPV.0090.05 TEMPORARY STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH	SPV.0090.06 TEMPORARY STORM SEWER PIPE CLASS III-A 18-INCH	SPV.0060.02 TEMP APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 18-INCH 10 TO 1	SPV.0060.03 TEMPORARY APRON ENDWALLS FOR CULVERT PIPE 24-INCH	SPV.0060.04 TEMPORARY INLET COVERS TYPE H-D	SPV.0060.05 TEMPORARY INLET COVERS TYPE MS	SPV.0060.06 TEMPORARY INLETS MEDIAN 1 GRATE	GRATE SLOPE INFORMATION	
		INLET		OUTLET			RIM	INVERT	DISCHARGE													
STAGE	STRUCTURE	STATION	OFFSET	STATION	OFFSET	TO	ELEVATION	ELEVATION	ELEVATION	DEPTH	SLOPE	LF	LF	LF	LF	EACH	EACH	EACH	EACH	EACH	GRATE SLOPE	LOW SIDE OF STRUCTURE
1	INLET	3675+66	18.9' LT	3677+96	38.8' LT	AEW	1138.43	1135.00	1130.61	3.43	1.9%	--	--	232	--	1	--	--	1	1	10:1	SOUTH
1	AEW	3707+48	37.4' LT	3710+46	34.7' LT	EX INLET	--	1076.98	1069.40	--	2.5%	--	--	--	299	1	--	--	--	--	--	--
1	INLET	3834+82	24.8' LT	3836+55	40.6' LT	AEW	1155.43	1153.43	1149.96	2.00	2.0%	--	--	--	177	1	--	--	1	1	10:1	SOUTH
1	AEW	3889+33	32.5' LT	3891+81	36.1' LT	EX INLET	--	1086.93	1083.13	--	1.5%	--	--	--	246	1	--	--	--	--	--	--
1	EOP	6822"BB"+18	31.4' LT	6822"BB"+18	19.4'LT	AEW	--	1135.11	1135.08	--	0.4%	12	--	--	--	--	1	--	--	--	--	--
STAGE 1 TOTALS												12	--	232	723	4	1	--	2	2		
2	EOP	3710+46	26.7' LT	3710+46	34.7' LT	EX INLET	--	1069.45	1069.36	--	1.2%	--	8	--	--	--	--	--	--	--	--	--
2	INLET	6795+62	34.3' RT	6794+89	36.8' RT	EX INLET	1132.78	1129.55	1128.65	3.23	1.2%	--	--	73	--	--	--	--	1	1	10:1	NORTH
2	AEW	6798+97	39.8' RT	6795+62	36.2' RT	INLET	--	1133.05	1129.65	--	1.0%	--	--	335	--	1	--	--	--	--	--	--
2A	INLET	259"EB"+84	10.0' LT	--	--	--	1111.86	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--
2B	INLET	251"EB"+60	1.0' LT	--	--	--	1105.96	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--
STAGE 2 TOTALS												--	8	408	--	1	--	2	1	1		
3	INLET	6682+15	16.9' RT	6683+05	37.3' RT	EX INLET	1124.210	1120.88	1114.50	3.33	6.9%	--	--	93	--	--	--	--	1	1	10:1	SOUTH
3	AEW	3850+06	37.6' RT	3853+61	36.5' RT	EX INLET	--	1126.96	1120.34	--	1.9%	--	--	--	354	1	--	--	--	--	--	--
STAGE 3 TOTALS												--	--	93	354	1	--	--	1	1		
TOTALS												12	8	733	1,077	6	1	2	4	4		

NOTES:
1) STATION OFFSETS SHOWN ARE TO CENTER OF STRUCTURE
2) RIM ELEVATIONS ARE GIVEN TO THE CENTER OF GRATE ON LOW SIDE (IF SLOPING GRATE)
3) EOP = END OF PIPE, AEW = APRON ENDWALL

3

CROSS DRAIN MAINTENANCE

STAGE	STATION	TO STATION	OFFSET	520.8700 CLEANING CULVERT PIPES EACH	522.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	522.1030 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH EACH	522.1042* APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 42-INCH EACH	633.5200 MARKERS CULVERT END EACH	SPV.0060.01 JOINT TIES FOR CONCRETE PIPE EACH	SPV.0090.01 DITCH CLEANING LF	204.9060.S.01* REMOVING ENDWALLS EACH	COMMENTS
2		3562+61	LT & RT	1	--	--	--	1	6	--	--	30" CPRC
2		3590+02	RT	--	--	--	--	1	--	--	--	30" CPRC
2		3595+30	LT & RT	1	--	--	--	1	6	--	--	30" CPRC
2		3597+92	LT & RT	1	1	--	--	1	6	--	1	24" SSPRC
2		3609+18	LT & RT	1	--	--	--	1	6	--	--	30" CPRC
2		3624+92	RT	--	1	--	--	1	6	--	1	24" SSPRC
2		3630+45	RT	--	--	--	--	1	--	--	--	2-60" CPRC
2		3647+32	LT & RT	1	1	--	--	1	6	--	1	24" SSRPC
2		3656+54	LT & RT	1	1	--	--	1	6	--	1	24" SSRPC
2		3670+45	LT & RT	1	--	--	--	1	6	--	--	36" CPRC
2		3682+45	LT & RT	1	--	1	--	1	6	--	1	30" SSPRC
2		3689+45	LT & RT	1	--	--	--	1	--	--	--	30" SSPRC
2		3695+35	LT & RT	1	--	--	--	1	6	--	--	30" CPRC
2		3695+43	LT & RT	1	--	--	--	1	6	--	--	30" SSPRC
2		3704+13	LT & RT	1	--	1	--	1	6	--	1	30" SSPRC
2		3710+41	LT	--	--	--	--	1	0	--	--	42" SSPRC
2		3713+29	LT & RT	1	--	1	--	1	6	--	1	30" CPRC
2		3739+11	LT & RT	1	--	--	--	1	--	--	--	24" SSPRC
2		3750+10	LT & RT	1	--	--	--	1	6	--	--	30" SSPRC
2		3773+25	LT & RT	1	--	--	--	1	6	--	--	24" SSPRC
2	3773+24	- 3373+44	RT	--	--	--	--	--	--	20	--	--
2		3780+53	LT & RT	1	--	--	--	1	--	--	--	30" SSPRC
2		3782+16	LT & RT	1	--	1	--	1	6	--	1	30" SSPRC
2		3812+14	LT & RT	1	--	--	--	1	6	--	--	24" SSPRC
2		3834+06	RT	--	1	--	--	1	6	--	1	24" SSPRC
2		3483+80	RT	--	--	--	--	1	--	--	--	24" SSPRC
2		3853+60	RT	--	--	--	--	1	6	--	--	24" SSPRC
2		3860+10	LT & RT	1	--	--	--	2	--	--	--	24" CPRC
2		3867+10	LT & RT	1	--	--	--	1	--	--	--	30" SSPRC
2		3871+82	LT & RT	1	--	--	--	1	6	--	--	36" CPRC
2		3824"CC"+12	LT & RT	--	--	--	--	2	--	--	--	30" SSPRC
2		3827"CC"+10	RT	--	--	--	--	1	--	--	--	18" SSPRC
2		3830"CC"+07	RT	--	--	--	--	1	--	--	--	18" SSPRC
2		3833"CC"+07	RT	--	--	--	--	1	--	--	--	18" SSPRC
2		3835"CC"+99	RT	--	--	--	--	1	--	--	--	18" SSPRC
2		3839"CC"+10	RT	--	--	--	--	1	--	--	--	18" SSPRC
2		3840"CC"+07	LT & RT	1	--	--	--	2	--	--	--	24" CPRC
2		3845"CC"+83	LT & RT	1	--	--	--	2	--	--	--	24" CPRC
2		3846"DD"+19	LT & RT	--	--	--	--	2	--	--	--	24" CPRC
2		3862"EE"+43	LT & RT	1	--	--	--	2	--	--	--	24" CPRC
2B		256"EB"+86	LT	1	--	--	--	1	--	--	--	12" CMCP
2B		259"EB"+75	LT & RT	1	--	--	--	2	--	--	--	24" SSPRC
2C2		3689"A"+59	LT & RT	1	1	--	--	2	6	--	1	24" CPRC
2C2		3695"A"+26	LT & RT	1	--	--	--	2	12	--	--	30" CPRC
STAGE 2 TOTALS				29	6	4	--	52	138	20	10	

NOTE:
*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CROSS DRAIN MAINTENANCE CONT'D

STAGE	STATION	TO	STATION	OFFSET	520.8700 CLEANING CULVERT PIPES EACH	522.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	522.1030 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH EACH	522.1042* APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 42-INCH EACH	633.5200 MARKERS CULVERT END EACH	SPV.0060.01 JOINT TIES FOR CONCRETE PIPE EACH	SPV.0090.01 DITCH CLEANING LF	204.9060.S.01* REMOVING ENDWALLS EACH	COMMENTS
4		3562+61		LT	--	--	--	--	1	6	--	--	30" CPRC
4		6584+52		LT	--	--	--	--	1	6	--	--	24" SSPRC
4		6589+68		LT	--	--	--	--	--	--	90	--	--
4		3590+02		LT	--	--	1	--	1	6	--	1	30" CPRC
4		3595+30		LT	--	--	--	--	1	6	--	--	30" CPRC
4		6606+55		LT	--	--	--	--	1	6	--	--	24" SSPRC
4		3609+18		LT	--	--	--	--	1	6	--	--	30" CPRC
4		6615+58		LT & RT	1	--	--	--	1	6	--	--	24" SSPRC
4	6615+93	-	6616+23	LT	--	--	--	--	--	--	30	--	--
4		3630+45		LT	--	--	--	--	1	--	--	--	2-60" CPRC
4		6631+51		LT	--	1	--	--	1	6	--	1	24" SSPRC
4		6643+53		LT & RT	1	--	--	--	2	12	--	--	24" CPRC
4		6647+73		LT & RT	--	2	--	--	2	12	--	2	24" CPRC
4		6656+97		LT & RT	1	2	--	--	2	12	--	2	24" CPRC
4		3670+45		LT	--	--	--	--	1	6	--	--	36" CPRC
4		6671+07		LT	--	--	--	--	--	--	90	--	--
4		6674+07		LT	--	--	--	--	1	6	--	--	24" SSPRC
4	6683+06	-	6683+31	LT & RT	1	--	--	--	1	6	25	--	30" SSPRC
4		6690+05		LT & RT	1	--	--	--	1	6	--	--	30" SSPRC
4		3695+35		LT	--	--	--	--	1	6	--	--	30" CPRC
4	6695+95	-	6696+77	LT	--	--	--	--	--	--	80	--	--
4		6696+04		LT&RT	1	--	--	--	1	6	--	--	30" SSPRC
4		6704+95		LT & RT	1	--	--	--	1	6	--	--	30" SSPRC
4		6711+08		LT & RT	1	--	--	1	1	6	80	1	42" SSPRC
4		3713+29		LT	--	--	--	--	1	6	--	--	30" CPRC
4		6717+05		LT & RT	1	--	--	--	1	--	75	--	24" SSPRC
4		6722+71		LT & RT	1	--	--	--	1	6	--	--	24" SSPRC
4		6725+46		LT	--	--	--	--	1	--	--	--	18" SSPRC
4		6729+99		LT & RT	1	1	--	--	1	6	--	1	24" SSPRC
4		6749+73		LT	--	--	--	--	--	--	80	--	--
4		6750+00		LT & RT	1	--	--	--	1	6	--	--	30" SSPRC
4		6779+76		LT & RT	1	--	--	--	1	6	--	--	30" SSPRC
4		6782+70		LT & RT	1	--	--	--	1	--	--	--	30" SSPRC
4		6794+81		LT & RT	1	--	--	--	1	6	--	--	24" SSPRC
4		6803+80		LT & RT	1	--	--	--	1	6	--	--	24" SSPRC
4		6826+48		LT & RT	1	--	--	--	1	--	--	--	24" SSPRC
4		6868+44		LT & RT	1	--	--	--	1	--	--	--	30" SSPRC
4		3871+82		LT	--	--	--	--	1	6	--	--	36" CPRC
4		6822"BB"+20		LT & RT	1	1	--	--	2	12	--	--	24" CPRC
4B		251"EB"+60		LT	1	--	--	--	1	--	--	--	12"CMCP
4B		6702"C"+25		LT & RT	1	--	--	--	2	12	--	--	24" CPRC
4B		6705"C"+59		LT & RT	1	--	--	--	2	12	70	--	30" CPRC
4B		6699"D"+69		LT & RT	1	--	--	--	2	--	--	--	42" CPRC
STAGE 4 TOTALS					23	7	1	1	45	216	620	8	
TOTALS					52	13	5	1	97	354	640	18	

NOTE:
*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

RECONSTUCTING INLETS

			STRUCTURE INFORMATION		611.0430	GRATE SLOPE INFORMATION	
STAGE	STATION	OFFSET	EXISTING RIM ELEVATION	PROPOSED RIM ELEVATION	RECONSTRUCTING INLETS EACH	GRATE GRATE SLOPE	LOW SIDE OF OF STRUCTURE
1	3891+81	LT	1085.70	1088.35	1	--	--
STAGE 1 TOTAL					1		
5	6696+04	RT	1083.72	1084.76	1	10:1	SOUTH
STAGE 5 TOTAL					1		
TOTAL					2		

NOTES:
1) STATION OFFSETS SHOWN ARE TO CENTER OF STRUCTURE
2) RIM ELEVATIONS ARE GIVEN TO THE CENTER OF GRATE ON LOW SIDE (IF SLOPING GRATE)

COVER PLATES TEMPORARY

STAGE	STATION	OFFSET	611.8120.S COVER PLATES TEMPORARY EACH
1A	6674+07	RT	1
1A	3710+46	LT	1
1A	3834+04	LT	1
STAGE 1 TOTAL			3
2	6794+89	RT	1
2A	253"EB"+75	LT	1
2A	259"EB"+84	LT	1
STAGE 2 TOTAL			3
3	6683+05	RT	1
3	3853+60	LT	1
STAGE 3 TOTAL			2
TOTAL			8

3

PERMANENT STORM SEWER ITEMS

												520.8000	522.1018	522.1042*	608.0312	608.0318	608.0324	608.0330	608.0342	611.3004	611.3225	611.3230	611.3901	611.3902	611.0627	611.0630	611.0642	611.0652		
							STRUCTURE AND PIPE INFORMATION					CONCRETE COLLARS FOR PIPE	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE		STORM SEWER PIPE REINFORCED CONCRETE CLASS III					INLETS					INLET COVERS				GRATE SLOPE INFORMATION	
		INLET		OUTLET																											
STAGE	STRUCTURE	STATION	OFFSET	STATION	OFFSET	TO	RIM ELEVATION	INVERT ELEVATION	DISCHARGE ELEVATION	DEPTH	PIPE SLOPE	EACH	18-INCH EACH	42-INCH EACH	12-INCH LF	18-INCH LF	24-INCH LF	30-INCH LF	42-INCH LF	4-FT DIAMETER EACH	2X2.5-FT EACH	2X3-FT EACH	MEDIAN 1 GRATE EACH	MEDIAN 2 GRATE EACH	TYPE HM EACH	TYPE HM-GJ EACH	TYPE MS EACH	TYPE T EACH	GRATE SLOPE	LOW SIDE OF STRUCTURE
2	AEW	3710+46	64.6' RT	3710+41	26.7' LT	EOP	--	1070.53	1069.45	--	1.2%	--	--	1	--	--	--	--	92	--	--	--	--	--	--	--	--	--	--	--
2	INLET	3827"CC"+09	11.0' LT	3827"CC"+09	1.0' LT	INLET	1142.08	1138.33	1138.08	3.75	2.4%	--	--	--	10	--	--	--	--	--	--	1	--	--	1	--	--	--	--	--
2	INLET	3827"CC"+09	1.0' LT	3827"CC"+10	47.4' RT	AEW	1142.08	1137.98	1133.29	4.10	9.6%	--	1	--	--	49	--	--	--	--	--	1	--	--	1	--	--	--	--	--
2	INLET	3830"CC"+12	11.0' LT	3830"CC"+11	1.0' LT	INLET	1140.51	1136.70	1136.50	3.81	2.0%	--	--	--	10	--	--	--	--	--	--	1	--	--	1	--	--	--	--	--
2	INLET	3830"CC"+11	1.0' LT	3830"CC"+07	51.3' RT	AEW	1140.50	1136.40	1131.15	4.10	9.9%	--	1	--	--	53	--	--	--	--	--	1	--	--	1	--	--	--	--	--
2	INLET	3833"CC"+08	11.0' LT	3833"CC"+08	1.0' LT	INLET	1138.94	1135.49	1135.30	3.45	1.9%	--	--	--	10	--	--	--	--	--	--	1	--	--	1	--	--	--	--	--
2	INLET	3833"CC"+08	1.0' LT	3833"CC"+07	51.8' RT	AEW	1138.95	1135.20	1130.18	3.75	9.5%	--	1	--	--	53	--	--	--	--	--	1	--	--	1	--	--	--	--	--
2	INLET	3836"CC"+09	16.4' LT	3836"CC"+07	1.0' LT	INLET	1137.73	1134.46	1134.30	3.27	1.0%	--	--	--	--	16	--	--	--	--	--	1	--	--	1	--	--	--	--	--
2	INLET	3836"CC"+07	1.0' LT	3835"CC"+99	57.1' RT	AEW	1137.39	1134.20	1128.20	3.19	10.2%	--	1	--	--	59	--	--	--	--	--	1	--	--	1	--	--	--	--	--
2	INLET	3839"CC"+05	27.4' LT	3839"CC"+07	1.0' LT	INLET	1136.28	1132.79	1132.60	3.49	0.7%	--	--	--	--	27	--	--	--	--	--	1	--	--	1	--	--	--	--	--
2	INLET	3839"CC"+07	1.0' LT	3839"CC"+10	46.1' RT	AEW	1136.04	1132.50	1130.48	3.54	4.3%	--	1	--	--	47	--	--	--	--	--	1	--	--	1	--	--	--	--	--
2A	INLET	259"EB"+84	19.0' LT	259"EB"+84	10.3' LT	INLET	1111.77	1108.00	1107.72	3.77	2.8%	--	--	--	10	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
2A	INLET	259"EB"+84	10.4' LT	259"EB"+09	76.1' RT	EX AEW	1111.86	1107.62	--	4.24	--	1	--	--	--	--	8	--	--	1	--	--	--	--	--	--	--	--	--	--
2B	EX INLET	256"EB"+86	3.7' LT	--	--	--	1110.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--
2E	EX INLET	256"WB"+86	1.3' RT	--	--	--	1110.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--
STAGE 2 TOTALS												1	5	1	40	304	8	--	92	1	1	10	--	--	10	2	--	--		
3	EOP	3710+46	26.7' LT	3710+46	34.7' LT	INLET	1075.31	1069.45	1069.36	5.86	--	1	--	--	--	--	--	--	16	--	--	--	--	1	--	--	2	--	10:1	SOUTH
STAGE 3 TOTALS												1	--	--	--	--	--	--	16	--	--	--	--	1	--	--	2	--		
4	INLET	6725+46	37.1' RT	6725+46	40.3' LT	AEW	1077.98	1075.00	1073.22	2.98	2.4%	--	1	--	--	78	--	--	--	--	--	--	1	--	--	--	1	--	10:1	NORTH
4B	EX INLET	251"EB"+60	1.0' LT	--	--	--	1106.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--
4C	INLET	259"EB"+84	19.0' LT	--	--	--	1111.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--
4C	INLET	259"EB"+84	10.0' LT	--	--	--	1111.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--
STAGE 4 TOTALS												--	1	--	--	78	--	--	--	--	--	--	1	--	--	1	1	2		
5A	INLET	3853+61	36.5' LT	--	--	--	1123.45	1120.24	--	3.21	--	1	--	--	--	--	8	--	--	--	--	--	--	1	--	--	2	--	10:1	SOUTH
5A	INLET	3891+81	36.1' LT	--	--	--	1085.70	1083.13	--	2.57	--	2	--	--	--	--	16	--	--	--	--	--	--	1	--	--	2	--	--	--
5A	INLET	6683+06	37.4' RT	--	--	--	1118.55	1114.49	--	4.06	--	2	--	--	--	--	--	16	--	--	--	--	--	1	--	--	2	--	10:1	SOUTH
5A	INLET	6722+74	30.5' RT	--	--	--	1077.25	1071.96	--	5.29	--	1	--	--	--	--	8	--	--	--	--	--	--	1	--	--	2	--	10:1	NORTH
5A	INLET	6794+89	41.9' RT	--	--	--	1130.86	1128.64	--	2.22	--	1	--	--	--	--	8	--	--	--	--	--	--	1	--	--	2	--	10:1	NORTH
STAGE 5 TOTALS												7	--	--	--	--	40	16	--	--	--	--	--	5	--	--	10	--		
TOTALS												9	6	1	40	382	48	16	108	1	1	10	1	6	10	3	13	2		

NOTES:
1) STATION OFFSETS SHOWN ARE TO CENTER OF STRUCTURE OR TO THE END OF PIPE AT APRON ENDWALLS (NOT INCLUDING LENGTH OF ENDWALL)
2) RIM ELEVATIONS ARE GIVEN TO THE CENTER OF GRATE ON LOW SIDE (IF SLOPING GRATE)
3) DEPTH = RIM ELEVATION - INVERT

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

GUARDRAIL ITEMS

STAGE	STATION	TO	STATION	OFFSET	614.0200 STEEL THRIE BEAM STRUCTURE APPROACH LF	614.0213 STEEL THRIE BEAM STRUCTURE APPROACH RETROFIT CANTILEVER SLOPED END EACH	614.0220 STEEL THRIE BEAM BULLNOSE TERMINAL EACH	614.0230 STEEL THRIE BEAM LF	614.0400 ADJUSTING STEEL PLATE BEAM GUARD LF	614.0920 SALVAGED RAIL LF	614.0925 SALVAGED GUARDRAIL END TREATMENTS EACH	614.1000 MGS GUARDRAIL TEMPORARY LF	614.1100 MGS GUARDRAIL TEMPORARY THRIE BEAM TRANSITION LF	614.1200 MGS GUARDRAIL TEMPORARY TERMINAL EAT EACH	614.2300 MGS GUARDRAIL 3 LF	614.2500 MGS THRIE BEAM TRANSITION LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	614.2620 MGS GUARDRAIL TERMINAL TYPE 2 EACH
1A	3719+61	-	3721+03	LT	--	1	--	--	--	--	--	50	39.4	1	--	--	--	--
1A	6719+35	-	6721+52	RT	--	1	--	--	--	350	1	100	39.4	1	--	--	--	--
1A	6722+36	-	6724+65	RT	--	--	--	--	--	298	1	--	18.8	1	--	--	--	--
1B	6720+43	-	6721+35	LT	--	1	--	--	--	--	--	--	39.4	1	--	--	--	--
STAGE 1 TOTALS					--	3	--	--	--	648	2	150	137.0	4	--	--	--	--
2	3718+62	-	3721+18	RT	--	1	--	--	--	50	1	--	--	--	162.5	39.4	1	--
2	3719+61	-	3721+03	LT	--	--	--	--	143	--	--	--	--	--	--	--	--	--
2	3721+89	-	3723+82	LT	--	1	--	--	--	--	--	100	39.4	1	--	--	--	--
2	3722+04	-	3722+96	RT	--	1	--	--	--	--	--	--	39.4	1	--	--	--	--
2	3819+89	-	3822+06	LT	--	1	--	--	--	250	1	75	39.4	1	--	--	--	--
2	3819+97	-	3822+52	RT	--	1	--	--	--	187	1	--	--	--	162.5	39.4	1	--
2	3825+54	-	3827+76	LT	--	1	--	--	--	175	1	--	--	--	125	39.4	1	--
2	3825+99	-	3827+60	RT	--	1	--	--	--	115	1	--	--	--	--	39.4	1	--
2	3821"CC"+22	-	3826"CC"+30	RT	--	--	--	--	--	300	1	--	--	--	450	--	1	1
2	3824"CC"+92	-	3828"CC"+83	LT	--	--	--	--	--	--	--	--	--	--	337.5	--	1	1
2A	252"WB"+89	-	253"WB"+82	LT	--	1	--	--	--	--	--	--	39.4	1	--	--	--	--
2A	256"WB"+39	-	258"WB"+07	LT	--	1	--	--	--	25	1	75	39.4	1	--	--	--	--
2B	252"EB"+40	-	254"EB"+08	RT	--	--	--	--	--	25	1	--	--	--	75	39.4	1	--
2B	256"EB"+71	-	257"EB"+63	RT	--	--	--	--	--	--	--	--	39.4	1	--	--	--	--
2E	252"WB"+87	-	253"WB"+80	LT	--	--	--	--	--	--	--	--	39.4	1	--	--	--	--
2E	256"WB"+41	-	258"WB"+09	LT	--	--	--	--	--	--	--	--	--	--	75	39.4	1	--
STAGE 2 TOTALS					--	9	--	--	143	1,127	8	250.0	275.8	7	1,387.5	236	8	2
4	6722+22	-	6724+77	LT	--	1	--	--	--	50	1	--	--	--	162.5	39.4	1	--
4	6722+36	-	6722+88	RT	--	--	--	--	--	52	--	--	--	--	--	--	--	--
4	6820+15	-	6822+39	RT	--	--	--	--	--	175	1	--	--	--	--	--	--	--
4	6820+30	-	6821+91	LT	--	--	--	--	--	115	1	--	--	--	--	--	--	--
4	6825+40	-	6828+20	LT	--	1	--	--	--	208	1	--	--	--	187.5	39.4	1	--
4	6825+86	-	6829+42	RT	--	1	--	--	--	250	1	--	--	--	262.5	39.4	1	--
4B	6699"D"+08	-	6700"D"+16	RT	--	--	--	--	--	115	--	--	--	--	--	--	--	--
STAGE 4 TOTALS					--	3	--	--	--	965	5	--	--	--	612.5	118.2	3	--
5A	3695+95	-	3698+77	LT	--	--	2	175	--	350	2	--	--	--	--	--	--	--
5A	3718+98	-	3721+03	LT	41.4	--	1	250	--	--	--	--	--	--	--	--	--	--
5A	3721+90	-	3723+81	LT	41.4	1	1	250	--	--	--	--	--	--	--	--	--	--
STAGE 5 TOTALS					82.8	1	4	675	--	350	2	--	--	--	--	--	--	--
TOTALS					82.8	16	4	675	143	3,090	17	400.0	412.8	11	2,000	354.6	11	2

RIPRAP ITEMS

STAGE	STATION	OFFSET	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE TYPE HR SY
2	3720+72	RT	5	13
2	3720+74	LT	4	10
2	3821+76	LT	4	10
2	3822+06	RT	4	10
2B	253"EB"+62	RT	26	74
2E	253"WB"+57	LT	25	70
STAGE 2 TOTALS			68	187
4	6721+14	LT	4	10
4	6721+20	RT	4	10
4	6821+69	LT	5	13
4	6822+09	RT	4	10
STAGE 4 TOTALS			17	43
TOTALS			85	230

WATER

STAGE	LOCATION	624.0100 MGAL
ALL	PROJECT	1,500
TOTAL		1,500

EROSION CONTROL ITEMS

STAGE	STATION	TO	STATION	OFFSET	628.1104 EROSION BALES EACH	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.7005 INLET PROTECTION TYPE A EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7020 INLET PROTECTION TYPE D EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	631.0300 SOD WATER MGAL	631.1100 SOD EROSION CONTROL SY	COMMENTS
1A	3580+92	-	3587+00	LT	--	--	--	1	--	--	24	--	--	--	SOUTH LIMIT TEMP CROSSOVER
1A	3664+96	-	3679+26	LT	--	--	--	1	--	1	24	--	--	--	USH 53 NB/STH 70 EXIT RAMP TEMP CROSSOVER
1A/1B	3703+57	-	3724+03	LT & RT	8	190	190	2	--	--	60	3	--	--	USH 53 NB/STH 70 ENT RAMP TEMP CROSSOVER
1A	3827+75	-	3836+98	LT	--	--	--	1	--	1	24	--	--	--	USH 53 NB/USH 63 EXIT RAMP TEMP CROSSOVER
1A	3863+73	-	3876+59	LT	--	--	--	2	--	--	24	--	--	--	CTH A TEMP WIDENING
1A	3881+84	-	3901+20	LT	--	--	--	1	--	1	12	6	--	--	NORTH LIMIT TEMP CROSSOVER
1A	6811"BB"+00	-	6830"BB"+26	LT	--	--	--	--	--	--	48	4	--	--	USH 53 SB/USH 63 EXIT RAMP TEMP WIDENING
1A/1B	6784+80	-	6803+28	LT & RT	--	--	--	2	--	--	48	--	--	--	CTH H TEMP WIDENING
STAGE 1 TOTALS					8	190	190	10	--	3	264	13	--	--	
2	3560+00	-	3675+50	LT & RT	--	--	--	7	--	--	84	32	--	--	USH 53 MAINLINE
2	3683+52	-	3705+15	LT & RT	--	--	--	3	--	--	--	15	--	--	USH 53 MAINLINE
2	3708+77	-	3835+15	LT & RT	48	1,750	1,750	11	--	--	108	20	--	--	USH 53 MAINLINE
2	3839+09	-	3861+18	LT & RT	--	--	--	2	--	--	24	9	--	--	USH 53 MAINLINE
2	3835"AA"+07	-	3853"AA"+00	LT & RT	--	140	140	3	3	--	36	--	--	--	USH 53 NB/USH 63 EXIT RAMP
2	3813"CC"+85	-	3846"CC"+57	LT & RT	32	2,320	2,320	5	5	--	48	8	1.0	27	USH 53 SB/USH 63 ENTRANCE
2	3825"CC"+56	-	3831"CC"+56	LT & RT	--	--	--	2	2	--	12	--	--	--	USH 53 NB/USH 63 EXIT RAMP
2	3840"DD"+00	-	3853"DD"+04	LT & RT	--	--	--	--	--	--	24	4	--	--	USH 53 NB/USH 63 ENT RAMP
2	3859"EE"+00	-	3863"EE"+71	LT & RT	--	--	--	--	--	--	--	5	--	--	USH 53 NB/USH 63 EXIT RAMP
2A	240"WB"+16	-	272"WB"+14	LT & RT	8	300	300	1	--	2	--	--	--	--	STH 70 EB & WB SHLDR WIDENING
2B	251"EB"+48	-	259"EB"+17	LT & RT	8	300	300	2	2	--	12	7	--	--	STH 70 EB
2C1	258"EB"+89	-	260"EB"+56	LT & RT	--	--	--	--	--	--	12	--	--	--	USH 53 NB/STH 70 EXIT RAMP & STH 70 EB
2C2	3675+50	-	3683+52	LT & RT	--	--	--	--	--	--	--	5	--	--	USH 53 MAINLINE
2C2	3683"A"+53	-	3695"A"+31	LT & RT	--	--	--	--	--	--	--	9	--	--	USH 53 NB/STH 70 EXIT RAMP
2C2	3695"B"+42	-	3708"B"+77	LT & RT	8	100	100	--	--	--	--	--	--	--	USH 53 NB/STH 70 ENT RAMP
2E	251"WB"+48	-	258"WB"+87	LT & RT	--	--	--	1	1	--	24	--	--	--	STH 70 WB
STAGE 2 TOTALS					104	4,910	4,910	37	13	2	384	114	1.0	27	
3	3666+86	-	3684+41	LT	--	--	--	2	--	1	24	--	--	--	USH 53 SB/STH 70 ENT RAMP TEMP CROSSOVER
3	3706+63	-	3719+75	LT	--	--	--	1	--	--	24	--	--	--	USH 53 SB/STH 70 EXIT RAMP TEMP CROSSOVER
3	3827+75	-	3836+98	LT	--	--	--	1	--	--	24	--	--	--	USH 53 SB/USH 63 EXIT RAMP TEMP CROSSOVER
3	3849+39	-	3876+59	LT	--	--	--	--	--	--	36	3	--	--	CTH A TEMP WIDENING
3	6811"BB"+28	-	6830"BB"+26	LT	--	--	--	--	--	--	48	4	--	--	USH 53 SB/USH 63 EXIT RAMP
STAGE 3 TOTALS					--	--	--	4	--	1	156	7	--	--	
4	6560+00	-	6682+36	LT & RT	--	--	--	--	--	--	132	25	--	--	USH 53 MAINLINE
4	6688+22	-	6708+39	LT & RT	--	--	--	--	--	--	24	--	--	--	USH 53 MAINLINE
4	6712+53	-	6848+19	LT & RT	24	1,010	1,010	1	--	--	108	17	0.5	8	USH 53 MAINLINE
4	6853+13	-	6862+00	LT & RT	--	--	--	--	--	--	12	3	--	--	USH 53 MAINLINE
4B	6682"D"+36	-	6700"D"+08	LT & RT	8	150	150	--	--	--	24	--	--	--	USH 53 SB/STH 70 ENT RAMP & USH 53 MAINLINE
4B	6699"C"+96	-	6712"C"+52	LT & RT	8	210	210	--	--	--	36	9	--	--	USH 53 SB/STH 70 EXIT RAMP & USH 53 MAINLINE
4C	259"EB"+78	-	261"EB"+75	LT	--	--	--	2	2	--	--	--	--	--	STH 70 MEDIAN ISLAND
STAGE 4 TOTALS					40	1,370	1,370	3	2	--	336	54	0.5	8	
5A	3553+90	-	3586+82	LT	--	--	--	2	--	--	72	--	--	--	SOUTH LIMIT TEMP CROSSOVER REMOVAL
5A	3664+96	-	3684+41	LT	--	--	--	1	--	--	36	--	--	--	USH 53 SB/STH 70 TEMP ENT RAMP REMOVAL
5A	3707+06	-	3725+51	LT	--	--	--	--	--	--	48	--	--	--	USH 53 SB/STH 70 TEMP EXIT RAMP REMOVAL
5A	3849+39	-	3876+59	LT	--	--	--	--	--	--	24	--	--	--	USH 53 SB/USH 63 TEMP EXIT RAMP REMOVAL
5A	3881+84	-	3899+43	LT	--	--	--	1	--	--	36	--	--	--	NORTH LIMIT TEMP CROSSOVER REMOVAL
STAGE 5 TOTALS					--	--	--	4	--	--	216	--	--	--	
UNDISTRIBUTED					38	1,630	1,630	17	5	2	344	47	0.5	11	
TOTALS					190	8,100	8,100	75	20	8	1,700	235	2.0	45	

EROSION CONTROL MOBILIZATION

LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
PROJECT	19	11
TOTALS	19	11

TRACKING PADS

LOCATION	628.7560 EACH
PROJECT	8
TOTAL	8

RESTORATION ITEMS

STAGE	STATION	TO	STATION	OFFSET	625.0100 TOPSOIL SY	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.2004 EROSION MAT CLASS I TYPE B SY	628.2027 EROSION MAT CLASS II TYPE C SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL	COMMENTS
1A	3580+92	-	3586+82	LT	--	570	365	205	--	0.5	--	23	9	SOUTH LIMIT TEMP CROSSOVER
1A	3664+96	-	3679+26	LT	--	1,726	454	1,272	--	1.6	--	67	28	USH 53 NB/STH 70 EXIT RAMP TEMP CROSSOVER
1A/1B	3704+45	-	3724+03	LT & RT	--	1,548	484	518	546	1.6	--	66	28	USH 53 NB/STH 70 ENT RAMP TEMP CROSSOVER
1A	3827+75	-	3836+98	LT	--	973	401	572	--	0.9	--	39	16	USH 53 NB/USH 63 EXIT RAMP TEMP CROSSOVER
1A	3863+73	-	3876+59	LT	--	334	260	75	--	0.4	--	17	7	CTH A TEMP WIDENING
1A	3881+84	-	3899+43	LT	--	1,742	--	1,742	--	2.0	--	84	35	NORTH LIMIT TEMP CROSSOVER
1A	6811"BB"+50	-	6830"BB"+26	LT	--	2,679	923	1,756	--	1.7	--	70	30	USH 53 SB/USH 63 EXIT RAMP TEMP WIDENING
1A/1B	6784+91	-	6803+28	LT & RT	--	2,914	711	2,202	--	2.1	--	90	38	CTH H TEMP WIDENING
STAGE 1 TOTALS					--	12,486	3,598	8,342	546	10.8	--	456	191	
2	3560+00	-	3675+50	LT & RT	--	2,321	1,219	1,102	--	7.6	218	--	136	USH 53 MAINLINE
2	3683+52	-	3705+15	LT & RT	--	244	--	244	--	1.3	38	--	24	USH 53 MAINLINE
2	3708+77	-	3835+15	LT & RT	--	6,137	701	4,986	450	11.1	307	17	198	USH 53 MAINLINE
2	3839+09	-	3861+18	LT & RT	--	269	149	120	--	1.3	37	--	23	USH 53 MAINLINE
2	3835"AA"+07	-	3853"AA"+00	LT & RT	--	2,773	--	2,773	--	2.4	67	--	42	USH 53 NB/USH 63 EXIT RAMP
2	6815"BB"+14	-	6822"BB"+10	LT & RT	--	--	--	--	--	0.4	10	--	6	USH 53 SB/USH 63 EXIT RAMP
2	3813"CC"+85	-	3846"CC"+57	LT & RT	--	1,809	463	1,346	--	2.3	67	--	42	USH 53 SB/USH 63 ENTRANCE
2	3825"CC"+56	-	3831"CC"+56	LT & RT	--	543	--	543	--	0.5	13	--	8	USH 53 NB/USH 63 EXIT RAMP
2	3840"DD"+00	-	3853"DD"+04	LT & RT	--	--	--	--	--	0.6	16	--	10	USH 53 NB/USH 63 ENT RAMP
2	3859"EE"+00	-	3863"EE"+71	LT & RT	--	558	102	456	--	0.5	13	--	8	USH 53 NB/USH 63 EXIT RAMP
2A	240"WB"+16	-	272"WB"+14	LT & RT	--	887	--	887	--	2.0	56	--	70	STH 70 EB & WB SHLDR WIDENING
2B	251"EB"+48	-	259"EB"+17	LT & RT	--	2,181	--	2,181	--	1.5	43	--	27	STH 70 EB
2C1	258"EB"+89	-	260"EB"+56	LT & RT	--	194	--	194	--	0.1	4	--	3	USH 53 NB/STH 70 EXIT RAMP & STH 70 EB
2C2	3675+50	-	3683+52	LT & RT	--	53	--	53	--	0.5	14	--	9	USH 53 MAINLINE
2C2	3683"A"+53	-	3695"A"+31	LT & RT	--	478	--	478	--	0.9	26	--	16	USH 53 NB/STH 70 EXIT RAMP
2C2	3695"B"+42	-	3708"B"+77	LT & RT	--	583	183	400	--	1.2	34	--	21	USH 53 NB/STH 70 ENT RAMP
2D	258"WB"+87	-	260"WB"+28	LT & RT	--	68	--	68	--	0.1	2	--	1	USH 53 NB/STH 70 ENT RAMP & STH 70 WB
2E	251"WB"+48	-	258"WB"+87	LT & RT	--	705	--	705	--	0.6	17	--	11	STH 70 WB
STAGE 2 TOTALS					--	19,803	2,817	16,536	450	34.9	982	17	655	
3	3666+86	-	3684+41	LT	--	1,591	199	1,392	--	1.0	--	43	36	USH 53 SB/STH 70 ENT RAMP TEMP CROSSOVER
3	3706+63	-	3719+75	LT	--	797	252	545	--	0.9	--	38	32	USH 53 SB/STH 70 EXIT RAMP TEMP CROSSOVER
3	3827+75	-	3836+98	LT	--	2,254	--	2,254	--	1.5	42	--	26	USH 53 SB/USH 63 EXIT RAMP TEMP CROSSOVER
3	3849+39	-	3876+59	LT	--	1,875	682	1,193	--	2.0	--	84	69	CTH A TEMP WIDENING
3	6811"BB"+28	-	6830"BB"+26	LT	--	4,360	--	4,358	--	3.3	94	--	59	USH 53 SB/USH 63 EXIT RAMP
STAGE 3 TOTALS					--	10,877	1,133	9,742	--	8.7	136	165	222	
4	6560+00	-	6682+36	LT & RT	--	3,020	594	2,426	--	8.5	243	--	151	USH 53 MAINLINE
4	6688+22	-	6708+39	LT & RT	--	291	67	224	--	1.3	39	--	24	USH 53 MAINLINE
4	6712+53	-	6848+19	LT & RT	--	4,456	422	3,092	945	9.6	291	--	181	USH 53 MAINLINE
4	6853+13	-	6862+00	LT & RT	--	111	111	--	--	0.6	17	--	11	USH 53 MAINLINE
4	6822"BB"+10	-	3853"BB"+13	LT & RT	--	274	274	--	--	1.8	52	--	32	USH 53 SB/USH 63 EXIT RAMP
4A	248"WB"+75	-	251"WB"+48	LT & RT	--	165	82	83	--	0.2	5	--	3	USH 53 SB/STH EXIT RAMP & STH 70 WB
4B	248"EB"+75	-	251"EB"+48	LT & RT	--	87	--	87	--	0.1	3	--	2	USH 53 SB/STH ENT RAMP & STH 70 EB
4B	6682"D"+36	-	6700"D"+08	LT & RT	--	490	90	400	--	1.3	38	--	24	USH 53 SB/STH 70 ENT RAMP & USH 53 MAINLINE
4B	6699"C"+96	-	6712"C"+52	LT & RT	--	1,256	44	1,212	--	1.6	23	--	14	USH 53 SB/STH 70 EXIT RAMP & USH 53 MAINLINE
4C	259"WB"+87	-	261"WB"+75	LT	--	191	--	191	--	0.1	3	--	2	STH 70 MEDIAN ISLANDS
STAGE 4 TOTALS					--	10,341	1,684	7,715	945	25.1	714	--	444	
5A	3553+90	-	3583+35	LT	11,789	--	--	11,789	--	9.2	267	--	175	SOUTH LIMIT TEMP CROSSOVER REMOVAL
5A	3597+27	-	3646+15	LT	--	599	40	559	--	0.6	17	--	11	MEDIAN OPENINGS
5A	3664+96	-	3684+41	LT	--	5,772	--	5,772	--	3.6	104	--	65	USH 53 SB/STH 70 TEMP ENT RAMP REMOVAL
5A	3694+89	-	3700+37	LT	--	1,463	489	974	--	0.9	26	--	16	GUARDRAIL REPLACEMENT
5A	3707+06	-	3725+51	LT	--	6,412	167	5,267	978	4.0	115	--	72	USH 53 SB/STH 70 TEMP EXIT RAMP REMOVAL
5A	3737+62	-	3802+63	LT	--	1,315	507	808	--	0.8	24	--	15	MEDIAN OPENINGS & CTH H TEMP WIDENING REMOVAL
5A	3817+79	-	3821+84	LT	--	1,076	356	720	--	0.7	19	--	12	GUARDRAIL REPLACEMENT
5A	3849+39	-	3876+59	LT	--	4,725	--	4,725	--	3.7	106	--	66	USH 53 SB/USH 63 TEMP EXIT RAMP REMOVAL
5A	3881+84	-	3899+43	LT	--	4,984	--	4,984	--	4.1	118	--	79	NORTH LIMIT TEMP CROSSOVER REMOVAL
STAGE 5 TOTALS					11,789	26,346	1,559	35,598	978	27.6	796	--	511	
UNDISTRIBUTED					2,960	19,972	2,709	19,492	741	26.9	657	162	527	
TOTALS					14,750	99,825	13,500	97,425	3,660	134.0	3,285	800	2,550	

3

MOVING SIGNS TYPE II

638.2102
MOVING SIGNS TYPE II

STAGE	SIGN NUMBER	EACH	COMMENTS
1	10-21	1	
1	10-22	1	
1	10-29	1	
1	11-1	1	
1	11-8	1	
1	11-9	1	
1	11-12	1	
1	11-18	1	
1	12-11	1	
1	12-12	1	
1	12-15	1	
1	12-17	1	
1	12-23	1	
1	13-22	1	
1	13-23	1	
1	14-1	1	
1	14-2	1	
STAGE 1 TOTALS		17	
2	2-2	2	SEE NOTE 1
2	2-4	1	
2	2-4	1	
2	2-9	1	
2	3-3	1	
2	3-6	1	
2	3-8	1	
2	4-2	1	
2	4-4	1	
2	4-9	1	
2	5-4	2	SEE NOTE 1
2	8-2	1	
2	8-3	1	
2	8-4	1	
2	8-5	1	
2	8-10	1	
2	8-11	1	
2	8-12	2	SEE NOTE 1
2	8-14	1	
2	8-16	1	
2	8-20	1	
2	9-4	1	
2	10-2	2	SEE NOTE 1
2	10-3	1	
2	10-4	1	
2	10-6	1	
2	10-8	1	
2	10-10	2	SEE NOTE 1
2	10-12	2	SEE NOTE 1
2	10-14	1	
2	10-16	1	
2	10-18	2	SEE NOTE 1
2	10-19	2	SEE NOTE 1
2	10-25	2	SEE NOTE 1
2	10-26	1	
2	10-28	1	
2	10-30	1	
2	11-2	1	
2	11-3	1	
2	11-7	1	
2	11-10	1	
2	11-11	1	
2	11-13	1	
2	11-14	1	
2	11-15	1	
2	11-16	1	
2	11-17	1	
2	11-19	1	
2	12-3	1	
2	12-4	1	
2	12-7	1	
2	12-8	1	
2	12-9	1	
2	12-13	1	
2	12-14	1	
2	12-16	1	
2	12-19	1	
2	12-22	1	
2	12-26	1	
2	13-5	1	
2	13-6	2	SEE NOTE 1
2	13-7	2	SEE NOTE 1
2	13-8	2	SEE NOTE 1
2	13-9	1	
2	13-12	1	
2	13-14	2	SEE NOTE 1
2	13-24	2	SEE NOTE 1

MOVING SIGNS TYPE II CONT'D

638.2102
MOVING SIGNS TYPE II

STAGE	SIGN NUMBER	EACH	COMMENTS
2A	7-2	1	SEE NOTE 3
2A	7-3	1	SEE NOTE 3
2A/2B/2D/4B	7-5	4	SEE NOTE 3
2A	7-6	1	SEE NOTE 3
2A	7-7	1	SEE NOTE 3
2A	7-8	1	SEE NOTE 3
2A	7-9	1	SEE NOTE 3
2A	7-10	1	SEE NOTE 3
2A	7-15	1	
2A	7-16	1	SEE NOTE 3
2A	7-17	1	SEE NOTE 3
2A	7-18	1	
2A	7-19	1	SEE NOTE 3
2A/2D/4B	7-20	3	SEE NOTE 3
2A	7-23	1	SEE NOTE 3
2A/2D/4B	7-24	3	SEE NOTE 3
2A/2D/4B	7-30	3	SEE NOTE 3
2A	7-32	1	
2A	7-36	1	
2A	7-41	1	SEE NOTE 3
2A	7-42	1	SEE NOTE 3
2A	7-43	1	SEE NOTE 3
2A/2D/4B	7-44	3	SEE NOTE 3
2A	7-45	1	SEE NOTE 3
2A	7-46	1	SEE NOTE 3
2A	7-50	1	SEE NOTE 3
2A	7-51	1	SEE NOTE 3
2A	7-52	1	SEE NOTE 3
2A	7-54	1	SEE NOTE 3
2A	7-55	1	SEE NOTE 3
2A	7-56	1	SEE NOTE 3
2B/2D/4B	7-11	4	
2B/2D/4B	7-21	4	SEE NOTE 3
2B	7-25	1	
2B/2D/4B	7-27	4	SEE NOTE 3
2B	7-28	1	SEE NOTE 3
2B	7-31	1	SEE NOTE 3
2B/2D/4B	7-33	4	SEE NOTE 3
2C1	7-34	1	
2C1	7-35	1	
2C1	7-37	1	
2C1	7-38	1	
2C1	7-39	1	
2C2	6-1	1	
2C2	6-2	1	
2C2	6-3	1	
2C2	6-4	1	
2C2	6-6	1	
2C2	6-7	1	
2C2	6-8	1	
2C2	6-9	1	
2D/4B	7-57	2	
2E	7-22	1	
2E	7-26	1	
2E	7-29	1	
STAGE 2 TOTAL		160	
3	6-18	1	
3	11-8	1	
3	11-9	1	
3	11-12	1	
3	11-18	1	
3	13-3	1	
3	13-4	1	
STAGE 3 TOTAL		7	
4	2-1	1	
4	2-3	1	
4	2-6	1	
4	2-8	1	
4	3-1	1	
4	3-2	2	SEE NOTE 2
4	3-5	1	
4	3-9	1	
4	3-10	2	SEE NOTE 2
4	4-5	1	
4	4-7	1	
4	4-8	1	
4	5-1	1	
4	5-3	1	
4	5-6	1	

MOVING SIGNS TYPE II CONT'D

638.2102
MOVING SIGNS TYPE II

STAGE	SIGN NUMBER	EACH	COMMENTS
4	6-5	1	
4	8-6	1	
4	8-7	1	
4	8-8	1	
4	8-19	1	
4	9-1	1	
4	9-2	2	SEE NOTE 2
4	9-3	1	
4	10-7	1	
4	10-11	1	
4	10-13	1	
4	10-15	2	SEE NOTE 2
4	10-17	1	
4	10-23	2	SEE NOTE 2
4	10-24	1	
4	10-27	1	
4	11-1	2	SEE NOTE 2
4	11-5	2	SEE NOTE 2
4	11-6	1	
4	12-1	1	
4	12-2	1	
4	12-18	1	
4	12-20	1	
4	12-25	1	
4	12-27	2	SEE NOTE 2
4	12-28	1	
4	12-29	1	
4	13-2	2	SEE NOTE 2
4	13-10	1	
4	13-11	2	SEE NOTE 2
4	13-13	2	SEE NOTE 2
4	13-19	2	SEE NOTE 2
4	13-21	2	SEE NOTE 2
4	13-27	2	SEE NOTE 2
4	13-28	2	SEE NOTE 2
4	13-29	2	SEE NOTE 2
4A	7-13	1	
4A	7-14	1	
4B	6-10	1	
4B	6-11	1	
4B	6-12	1	
4B	6-13	1	
4B	6-14	1	
4B	6-15	1	
4B	6-16	1	
4B	6-17	1	
4B	7-11	1	
4B	7-12	1	
STAGE 4 TOTAL		79	
5	2-7	1	
5	2-10	1	
5	3-4	1	
5	3-7	1	
5	4-3	1	
5	4-6	1	
5	8-17	1	
5	8-18	1	
5	8-21	1	
5	8-22	1	
5	10-5	1	
5	10-9	1	
5	10-20	1	
5	12-21	1	
5	12-24	1	
5	13-15	1	
5	13-16	1	
5	13-17	1	
5	13-25	1	
STAGE 5 TOTAL		19	
TOTAL		282	

NOTES:
1) MOVE TO USH 53 SB FOR STAGE 2 DURATION, THEN MOVE BACK TO USH 53 NB AT THE END OF STAGE 2
2) MOVE TO USH 53 NB FOR STAGE 4 DURATION, THEN MOVE BACK TO USH 53 SB AT THE END OF STAGE 4
3) MOVE SIGNS FOR PROPOSED SHOULDER WIDENING; REMOVE AND INSTALL NEW POSTS AS REQUIRED TO ENSURE EDGE OF SIGN IS 6 FEET FROM EDGE OF PAVED SHOULDER AND MOUNTED TO PROPER HEIGHT (SEE TYPE II SIGN SUPPORTS)

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TYPE II SIGN SUPPORTS

STAGE	SIGN NUMBER	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0810 POSTS TUBULAR STEEL 2X2-INCH X 10-FT EACH	COMMENTS
2A	7-2	1	--	1	--	--	
2A	7-3	--	--	1	--	--	INSTALL ON SEPERATE POST AS 7-2
2A/4B	7-5	2	1	1	--	--	
2A	7-6	1	--	1	--	--	
2A	7-7	1	--	1	--	--	INSTALL ON SEPARATE POST AS 7-6
2A	7-8	--	--	1	--	--	
2A	7-9	1	1	--	--	--	
2A	7-10	1	--	1	--	--	
2A	7-15	1	--	--	--	--	
2A	7-16	1	1	--	--	--	
2A	7-17	1	--	1	--	--	
2A	7-18	1	--	--	--	--	
2A	7-19	1	--	--	1	--	
2A/4B	7-20	1	--	--	1	--	INSTALL ON SEPERATE POST AS 7-19
2A	7-23	2	--	1	--	--	
2A/4B	7-24	--	--	1	1	--	INSTALL ON SEPERATE POST AS 7-23
2A	7-26	1	--	1	--	--	
2A/4B	7-30	1	--	1	--	--	
2A	7-32	1	--	--	--	--	
2A	7-36	1	--	--	--	--	
2A	7-41	1	1	--	--	--	
2A	7-42	2	--	2	--	--	
2A	7-43	1	--	1	--	--	INSTALL ON SEPERATE POST AS 7-43
2A/4B	7-44	2	--	2	--	--	
2A	7-45	1	--	1	--	--	
2A	7-46	--	1	--	--	--	INSTALL ON SEPERATE POST AS 7-46
2A	7-50	1	--	1	--	--	
2A	7-51	--	--	1	--	--	INSTALL ON SEPERATE POST AS 7-51
2A	7-52	1	1	--	--	--	
2A	7-54	1	1	--	--	--	
2A	7-55	--	1	--	--	--	INSTALL ON SEPERATE POST AS 7-55
2A	7-56	1	1	--	--	--	
2B/4B	7-21	1	--	--	1	--	
2B	7-25	1	1	--	--	--	
2B/4B	7-27	2	--	1	1	--	
2B	7-28	1	--	1	--	--	
2B	7-31	1	--	1	--	--	
2B/4B	7-33	1	--	1	--	--	
STAGE 2 TOTALS		37	10	24	5	--	
4B	7-15	--	--	--	--	1	
4B	7-18	--	1	--	--	--	
4B	7-32	--	--	--	--	1	
4C	7-36	--	--	--	--	1	
STAGE 4 TOTALS		--	1	--	--	3	
UNDISTRIBUTED		50	40	10	--	--	
TOTALS		87	50	34	5	3	

NOTE:
UNDISTRIBUTED QUANTITY INCLUDED FOR DAMAGED POSTS OR LOCATIONS IN WHICH SIGN HEIGHT ADJUSTMENTS REQUIRE A NEW POST.

TYPE I SIGNS AND SUPPORTS

SIGN NUMBER	SIGN CODE	SIGN DIMENSION W X H IN	X	IN	DESCRIPTION	I-BEAM TYPE	531.1100 CONCRETE MASONRY ANCILLARY STRUCTURES TYPE NS CY	531.1140 STEEL REINFORCEMENT HS ANCILLARY STRUCTURES TYPE NS LB	531.2024 DRILLING SHAFT 24-INCH LF	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS LB	637.1220 SIGNS TYPE I REFLECTIVE SH SF	638.2601 REMOVING SIGNS TYPE I EACH	638.3100 REMOVING STRUCTURAL STEEL SIGN SUPPORTS EACH	SIGN OFFSET FROM EDGELINE FT
4-1	E1-1A	216	X	162	STH 70 / SPOONER / STONE LAKE 1 MI	W12X26	3.6	540	20	2,480	243.00	1	2	30
4-1	E1-5P	108	X	30	EXIT 165	--	--	--	--	--	22.50	--	--	--
4-10	D2-3	180	X	84	SARONA / RICE LAKE / EAU CLAIRE	W10X22	2.0	302	17	1,119	105.00	1	2	30
5-2	E3-1	144	X	60	TOURIST INFO EXIT 165	W6X15	1.6	142	13	558	60.00	1	2	30
5-5	E9-1	228	X	54	LAC COURTE OREILLES EXIT 165	W10X22	2.0	302	17	850	85.50	1	2	30
5-7	E4-1A	240	X	132	STH 70 / SPOONER / STONE LAKE	W12X26	2.4	360	20	1,360	220.00	1	2	30
5-7	E1-5P	108	X	30	EXIT 165	--	--	--	--	--	22.50	--	--	--
8-1	E4-1A	240	X	132	STH 70 / SPOONER / STONE LAKE	W12X26	3.6	540	20	2,253	220.00	1	2	30
8-1	E1-5P	108	X	30	EXIT 165	--	--	--	--	--	22.50	--	--	--
8-9	E3-1	144	X	60	TOURIST INFO EXIT 165	W8X18	1.8	204	15	811	60.00	1	2	30
8-13	E9-1	228	X	54	LAC COURTE OREILLES EXIT 165	W10X22	2.0	302	17	902	85.50	1	2	30
8-15	D2-3	168	X	84	TREGO / MINONG / SUPERIOR	W10X22	2.0	302	17	1,165	98.00	1	2	30
10-1	E1-1A	216	X	162	STH 70 / SPOONER / STONE LAKE 1 MI	W12X26	2.4	360	20	1,380	243.00	1	2	30
10-1	E1-5P	108	X	30	EXIT 165	--	--	--	--	--	22.50	--	--	--
11-4	E1-1A	168	X	126	USH 63 / SOUTH / SPOONER 3/4 MILE	W10X22	2.0	302	17	1,222	147.00	1	2	30
11-4	E1-5P	108	X	30	EXIT 168	--	--	--	--	--	22.50	--	--	--
12-5	E4-1A	204	X	96	USH 63 / SOUTH / SPOONER	W12X26	2.4	360	20	1,505	136.00	1	2	30
12-5	E1-5P	108	X	30	EXIT 168	--	--	--	--	--	22.50	--	--	--
12-6	SP	120	X	102	NORTH USH 63 AHEAD	W6X15	1.6	142	13	706	85.00	1	2	20
12-10	D2-3	180	X	90	STH 70 / RICE LAKE / EAU CLAIRE	W12X26	2.4	360	20	1,427	112.50	1	2	30
13-1	E4-1A	228	X	132	USH 63 / SPOONER / SHELL LAKE	W12X26	2.4	360	20	1,496	209.00	1	2	30
13-1	E1-5P	108	X	30	EXIT 168	--	--	--	--	--	22.50	--	--	--
14-3	E1-1A	204	X	162	USH 63 / SPOONER / SHELL LAKE 1 MI	W12X26	3.6	540	20	2,512	229.50	1	2	30
14-3	E1-1A	108	X	30	EXIT 168	--	--	--	--	--	22.50	--	--	--
TOTALS							37.8	5,418	286	21,745	2,519.00	16	32	

TRAFFIC CONTROL ITEMS

STAGE	LOCATION	STAGE DURATION DAYS	643.0300 TRAFFIC CONTROL DRUMS NO.	643.0300 TRAFFIC CONTROL DRUMS DAY	643.1070 TRAFFIC CONTROL CONES 42-INCH NO.	643.1070 TRAFFIC CONTROL CONES 42-INCH DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III NO.	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0500* TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS NO.	643.0500* TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600* TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES NO.	643.0600* TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES EACH	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A NO.	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C NO.	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	643.0800 TRAFFIC CONTROL ARROW BOARDS NO.	643.0800 TRAFFIC CONTROL ARROW BOARDS DAY	643.0900 TRAFFIC CONTROL SIGNS NO.	643.0900 TRAFFIC CONTROL SIGNS DAY	643.1051 TRAFFIC CONTROL SIGNS PCMS WITH CELLULAR COMMUNICATIONS NO.	643.1051 TRAFFIC CONTROL SIGNS PCMS WITH CELLULAR COMMUNICATIONS DAY	643.4100 TRAFFIC CONTROL INTERIM LANE CLOSURE EACH
--	PRIOR TO PROJECT (YEAR 1)	7	25	175	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5	35	--
1A	USH 53 MEDIAN WORK (NB & SB LANE CLOSURES)	25	1,150	28,750	90	2,250	67	1,675	--	--	--	--	134	3,350	106	2,650	5	125	127	3,175	5	125	10
1B	USH 53 SB TEMP WIDENING & GUARDRAIL (SB LANE CLOSURE)	15	370	5,550	40	600	15	225	--	--	--	--	30	450	12	180	2	30	46	690	5	75	3
STAGE 1 TOTALS				34,475		2,850		1,900		--		--		3,800		2,830		155		3,865		235	13
--	PRIOR TO PROJECT (YEAR 2)	7	25	175	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5	35	--
--	PROJECT (YEAR 2)	5	1,150	5,750	--	--	67	335	--	--	--	--	134	670	106	530	5	25	127	635	5	25	--
2	USH 53 NB WORK (BI-DIRECTIONAL TRAFFIC IN SB)	70	620	43,400	--	--	110	7,700	925	925	805	805	140	9,800	105	7,350	4	280	165	11,550	5	350	--
2	USH 63 RAMP CLOSURE (DETOUR SIGNING)	26	15	390	--	--	--	--	--	--	--	--	--	--	--	--	--	--	35	910	3	78	--
2A	STH 70 EB & WB (FLAGGING OPERATIONS)	3	40	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2B/2C1/2C2	STH 70 EB / STH 70 EXIT & ENT RAMP WORK (BI-DIRECTIONAL TRAFFIC IN WB)	40	85	3,400	--	--	17	680	136	136	120	120	28	1,120	37	1,480	--	--	72	2,880	--	--	--
2C1/2C2/2D	STH 70 RAMP CLOSURE (DETOUR SIGNING)	19	20	380	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70	1,330	4	76	--
2D/2E	STH 70 WB WORK (BI-DIRECTIONAL TRAFFIC IN EB)	20	85	1,700	--	--	17	340	139	139	125	125	28	560	38	760	--	--	74	1,480	--	--	--
STAGE 2 TOTALS				55,315				9,055		1,200		1,050		12,150		10,120		305		18,785		565	--
3	USH 53 MEDIAN WORK (NB & SB LANE CLOSURES)	15	510	7,650	--	--	67	1,005	--	--	--	--	134	2,010	120	1,800	4	60	123	1,845	5	75	--
STAGE 3 TOTALS				7,650		--		1,005		--		--		2,010		1,800		60		1,845		75	--
4	USH 53 SB WORK (BI-DIRECTIONAL TRAFFIC IN NB)	70	550	38,500	--	--	110	7,700	992	992	865	865	144	10,080	115	8,050	4	280	150	10,500	5	350	--
4	USH 63 RAMP CLOSURE (DETOUR SIGNING)	19	5	95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	25	475	1	19	--
4A	STH 70 WB (BI-DIRECTIONAL TRAFFIC IN EB)	10	85	850	--	--	17	170	140	140	125	125	28	280	38	380	--	--	30	300	--	--	--
4B	STH 70 EB / STH 70 EXIT & ENT RAMP WORK (BI-DIRECTIONAL TRAFFIC IN WB)	20	85	1,700	--	--	17	340	138	138	120	120	28	560	37	740	--	--	30	600	--	--	--
4A/4B	STH 70 RAMP CLOSURE (DETOUR SIGNING)	19	20	380	--	--	--	--	--	--	--	--	--	--	--	--	--	--	35	665	4	76	--
4C	STH 70 MEDIAN ISLAND WORK (FLAGGING OPERATIONS)	5	20	100		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
STAGE 4 TOTALS				41,625		--		8,210		1,270		1,110		10,920		9,170		280		12,540		445	--
5A	USH 53 MEDIAN WORK (NB & SB LANE CLOSURES)	30	1,020	30,600	--	--	67	2,010	--	--	--	--	134	4,020	134	4,020	4	120	122	3,660	5	150	--
5B	USH 53 NB RUMBLES AND MILL & OVERLAY WORK (USH 53 NB & SB LANE CLOSURES)	10	690	6,900	--	--	30	300	--	--	--	--	54	540	76	760	4	40	76	760	5	50	--
STAGE 5 TOTALS				37,500		--		2,310		--		--		4,560		4,780		160		4,420		200	--
TOTALS				176,565		2,850		22,480		2,470		2,160		33,440		28,700		960		41,455		1,520	13

NOTES:
1) UTILIZE PREVIOUSLY INSTALLED FLEXIBLE TUBULAR MARKERS WHERE POSSIBLE BETWEEN STAGES
2) TRAFFIC CONTROL INTERIM LANE CLOSURES ARE ONLY PAID IN YEAR ONE DURING STAGE 1A AND 1B

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TEMPORARY MARKING PAINT, TAPE, & MARKERS ITEMS

STAGE	STATION	TO	STATION	633.1100* DELINEATORS TEMPORARY EACH	646.9000 MARKING REMOVAL LINE 4-INCH LF	646.9050 MARKING REMOVAL LINE GROOVED PERMANENT TAPE 4-INCH LF	646.9100 MARKING REMOVAL LINE 8-INCH LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH	643.3105 TEMPORARY MARKING LINE PAINT 4-INCH 3' LINE 9' SKIP WHITE LF	643.3105 TEMPORARY MARKING LINE PAINT 4-INCH 3' LINE 9' SKIP YELLOW LF	643.3105 TEMPORARY MARKING LINE PAINT 4-INCH SOLID WHITE LF	643.3105 TEMPORARY MARKING LINE PAINT 4-INCH SOLID YELLOW LF	643.3150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH 3' LINE 9' SKIP WHITE LF	643.3150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH 3' LINE 9' SKIP YELLOW LF	643.3150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH SOLID WHITE LF	643.3150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH SOLID YELLOW LF	643.3205 TEMPORARY MARKING LINE PAINT 8-INCH 3' LINE 9' SKIP WHITE LF	643.3205 TEMPORARY MARKING LINE PAINT 8-INCH SOLID WHITE LF	643.3250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH 3' LINE 9' SKIP WHITE LF	643.3250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH SOLID WHITE LF	643.3760 TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I YELLOW EACH	643.3760 TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE I WHITE EACH	643.3960 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH LF	643.3970 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 10-INCH LF
1A	NB & SB LANE CLOSURE TAPERS			--	--	--	--	--	--	--	--	--	--	--	--	5,280	--	--	--	--	--	--	1,420	--
1B	SB LANE CLOSURE TAPER			--	--	--	--	--	--	--	--	--	--	--	1,980	--	--	--	--	--	--	--	540	--
STAGE 1 TOTALS				--	--	--	--	--	--	--	--	--	--	--	1,980	5,280	--	--	--	--	--	--	1,960	--
										--				7,260			--		--		--			
2	NB & SB LANE CLOSURE TAPERS			--	--	355	--	--	--	--	--	--	--	--	660	660	--	--	--	--	--	--	--	--
2	6551+42	-	6902+28	152	3,925	50	210	4	35	25	35,500	64,850	15	15	5,100	7,700	200	1,900	--	580	110	110	2,190	450
2	3849+47	-	3898+23	--	--	--	--	--	--	--	--	--	--	--	--	4,730	--	--	--	--	--	--	--	--
2	6808"BB"+50	-	6834"BB"+70	36	340	--	--	--	--	--	1,900	1,360	--	--	300	1,260	--	--	--	--	--	--	--	--
2	3840"DD"+00	-	3843"DD"+75	--	--	--	--	--	--	--	--	--	--	--	--	380	--	--	--	--	--	--	--	--
2B/2C1/2C2	240"WB"+00	-	272"WB+50	47	7,670	--	105	--	--	--	--	--	--	70	5,940	6,100	--	--	--	--	--	--	--	--
2D/2E	240"EB"+00	-	272"EB+50	45	3,120	--	105	--	--	--	--	--	--	70	5,960	6,060	--	--	--	--	--	--	--	--
2E	RE-MARK STH 70 AFTER COMPLETION			--	--	--	--	--	--	--	5,920	6,560	--	--	--	--	--	200	--	--	--	--	--	--
STAGE 2 TOTALS				280	15,055	405	420	4	35	25	43,320	72,770	15	155	17,960	26,890	200	2,100	--	580	110	110	2,190	450
										116,150				45,020			2,300		580		220			
3	NB & SB LANE CLOSURE TAPERS			--	--	--	--	--	--	--	--	--	--	--	--	1,320	--	--	--	--	--	--	--	--
STAGE 3 TOTALS				--	--	--	--	--	--	--	--	--	--	--	--	1,320	--	--	--	--	--	--	--	--
										--				1,320			--		--		--			
4	NB & SB LANE CLOSURE TAPERS			--	--	--	--	--	--	--	--	--	--	--	660	660	--	--	--	--	--	--	--	--
4	3553+20	-	3902+28	178	2,670	--	410	4	--	--	58,080	5,870	50	50	9,580	68,850	--	--	80	2,540	110	110	2,050	300
4A	240"EB"+00	-	272"EB"+50	45	--	--	--	--	--	--	--	--	--	35	6,010	6,070	--	--	--	--	--	--	--	--
4B	240"WB"+00	-	272"WB"+50	47	--	--	--	--	--	--	--	--	--	35	6,000	6,130	--	--	--	--	--	--	--	--
STAGE 4 TOTALS				270	2,670	--	410	4	--	--	58,080	5,870	50	120	22,250	81,710	--	--	80	2,540	110	110	2,050	300
										63,950				104,130			--		2,620		220			
5	SB LANE CLOSURE TAPER			--	--	--	--	--	--	--	--	--	--	--	--	660	--	--	--	--	--	--	--	--
5	3536+18	-	3583+64	--	--	--	--	--	--	--	--	--	--	--	6,450	8,140	--	--	--	--	--	--	1,700	--
				--	--	--	--	--	--	--	--	--	--	--	6,450	8,800	--	--	--	--	--	--	1,700	--
STAGE 5 TOTALS										--				15,250			--		--		--			
TOTALS				550	17,725	405	830	8		180,100				172,980			2,300		3,200		440		7,900	750

NOTES:
1) TEMPORARY MARKING REMOVEABLE TAPE REQUIRED FOR EXISTING PAVEMENT LOCATIONS THAT WILL NOT BE RECONSTRUCTED (BEYOND SOUTH AND NORTH PROJECT LIMITS, BEYOND USH 63 LIMITS, AND BEYOND STH 70 LIMITS) AND LOCATIONS WHERE PAVEMENT HAS BEEN NEWLY CONSTRUCTED IN PREVIOUS STAGES
2) REMOVAL OF CONTRAST TAPE (LANE LINE) PRIOR TO TEMPORARY CROSSOVER LIMITS IS PLANNED IN STAGE 1A AND IT IS ESTIMATED THAT THE SAME LANE CLOSURE CONFIGURATIONS CAN BE USED IN FUTURE STAGES

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TEMPORARY MARKING EPOXY ITEMS (WINTER SHUTDOWN)

STAGE	STATION	TO	STATION	643.3120 TEMPORARY MARKING LINE EPOXY 4-INCH SOLID WHITE LF	643.3120 TEMPORARY MARKING LINE EPOXY 4-INCH SOLID YELLOW LF	643.3220 TEMPORARY MARKING LINE EPOXY 8-INCH SOLID WHITE LF	COMMENTS
1A	3675+68	-	3679+26	--	358	--	EDGELINE SOUTH OF STH 70
1A	3705+63	-	3706+71	--	--	108	EDGELINE STH 70 NB ENTRANCE RAMP
1A	3707+06	-	3708+29	--	124	--	EDGELINE NORTH OF STH 70
1A	3835+56	-	3836+98	--	143	--	EDGELINE NORTH OF USH 63
1A	6580+46	-	6586+40	--	595	--	EDGELINE SOUTH OF CRANBERRY DR
1A	6665+55	-	6674+33	--	878	--	EDGELINE SOUTH OF STH 70
1A	6709+93	-	6720+78	--	1,085	--	EDGELINE NORTH OF STH 70
1A	6784+90	-	6793+38	--	850	--	EDGELINE SOUTH OF CTH H
1A	6795+09	-	6798+79	--	--	375	TURN LANE NORTH OF CTH H
1A	6795+09	-	6803+28	--	820	--	EDGELINE NORTH OF CTH H
1A	6828+41	-	6835+62	--	717	--	EDGELINE NORTH OF USH 63
1A	6868+50	-	6868+88	--	42	--	EDGELINE SOUTH OF CTH A
1A	6869+80	-	6870+85	--	106	--	EDGELINE NORTH OF CTH A
1A	6875+75	-	6876+21	--	46	--	EDGELINE NORTH OF CTH A
1A	3704"B"+43	-	3705"B"+71	--	131	--	EDGELINE STH 70 NB ENTANCE RAMP
1A	3705"B"+71	-	3706"B"+72	--	--	103	EDGELINE STH 70 NB ENTRANCE RAMP
1	6825"BB"+75	-	6830"BB"+26	452	--	--	EDGELINE USH 63 SB EXIT RAMP
1B	6786+03	-	6793+16	715	--	--	EDGELINE SOUTH OF CTH H
1B	6794+79	-	6798+23	--	--	344	TURN LANE NORTH OF CTH H
1B	6794+79	-	6802+18	743	--	--	EDGELINE NORTH OF CTH H
STAGE 1 TOTALS				1,910	5,895	930	
					7,805		
TOTALS					7,805	930	

NOTE:
TEMPORARY MARKING EPOXY IS PROVIDED TO RESTORE EXISTING MARKING FOR WINTER SHUTDOWN UPON COMPLETION OF TEMPORARY PAVING IN YEAR 1.

COVERING SIGNS

STAGE	SIGN NUMBER	NUMBER OF CYCLES	643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I NO.	643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I EACH	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II NO.	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	COMMENTS
1-5	12-9	1	--	--	1	1	SOUTH USH 53
1-5	12-13	1	--	--	1	1	RICE LAKE
STAGE 1 TOTALS				--		2	
2	2-8	1	--	--	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
2	2-10	1	--	--	1	1	DO NOT ENTER
2	3-1	1	--	--	1	1	WRONG WAY
2	3-5	1	--	--	1	1	ONE WAY (LEFT)
2	3-7	1	--	--	1	1	DO NOT ENTER
2	3-9	1	--	--	1	1	WRONG WAY
2	4-5	1	--	--	1	1	ONE WAY (LEFT)
2	4-6	1	--	--	1	1	DO NOT ENTER
2	4-7	1	--	--	1	1	WRONG WAY
2	8-19	1	--	--	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
2	8-21	1	--	--	1	1	KEEP RIGHT
2	8-22	1	--	--	1	1	DO NOT ENTER
2	9-1	1	--	--	1	1	WRONG WAY
2	10-7	1	--	--	1	1	ONE WAY (LEFT)
2	10-9	1	--	--	1	1	DO NOT ENTER
2	10-11	1	--	--	1	1	WRONG WAY
2	10-24	1	--	--	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
2	12-5	1	1	1	--	--	USH 63 SOUTH EXIT (ARROW ONLY)
2	12-24	1	--	--	1	1	DO NOT ENTER
2	12-28	1	--	--	1	1	WRONG WAY
2	13-16	1	--	--	1	1	YIELD
2	13-18	1	--	--	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
2	13-20	1	--	--	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
2	13-25	1	--	--	1	1	DO NOT ENTER
2	13-26	1	--	--	1	1	WRONG WAY
2B/2C1/2C2	7-2	1	--	--	1	1	DO NOT ENTER
2B/2C1/2C2	7-3	1	--	--	1	1	SPEED LIMIT 55
2B/2C1/2C2/2D/2E	7-4	1	--	--	1	1	KEEP RIGHT
2B/2C1/2C2	7-6	1	--	--	1	1	WRONG WAY
2B/2C1/2C2	7-19	1	--	--	1	1	DO NOT ENTER
2B/2C1/2C2	7-22	1	--	--	1	1	BEGIN LEFT TURN LANE
2B/2C1/2C2	7-23	1	--	--	1	1	WRONG WAY
2B/2C1/2C2	7-29	1	--	--	1	1	BEGIN LEFT TURN LANE
2B/2C1/2C2	7-35	1	--	--	1	1	STOP
2B/2C1/2C2	7-37	1	--	--	1	1	STOP
2B/2C1/2C2	7-40	1	--	--	1	1	DO NOT ENTER
2B/2C1/2C2	7-41	1	--	--	1	1	WRONG WAY
2B/2C1/2C2/2D/2E	7-47	1	--	--	1	1	KEEP RIGHT
2B/2C1/2C2/2D/2E	7-49	1	--	--	1	1	KEEP RIGHT
2B/2C1/2C2	7-52	1	--	--	1	1	DO NOT ENTER
2B/2C1/2C2/2D/2E	7-53	1	--	--	1	1	KEEP RIGHT
2B/2C1/2C2	7-54	1	--	--	1	1	SPEED LIMIT 55
2B/2C1/2C2	7-56	1	--	--	1	1	WRONG WAY
2C1/2C2	5-4	1	--	--	1	1	TO SOUTH USH 63
2C1/2C2	5-5	1	1	1	--	--	LAC COURTE OREILLES EXIT 165
2C1/2C2	5-7	1	1	1	--	--	STH 70 EXIT (ARROW ONLY)
2C2/2D	7-1	1	--	--	1	1	NORTH USH 53
2C2/2D	7-5	1	--	--	1	1	SUPERIOR
2C2/2D	7-11	1	--	--	1	1	NORTH USH 53
2C2/2D	7-21	1	--	--	1	1	NORTH USH 53
2C2/2D	7-27	1	--	--	1	1	MINONG/SUPERIOR
2C2/2D	7-33	1	--	--	1	1	NORTH USH 53
2C2/2D	7-34	1	--	--	1	1	ONE WAY (LEFT)
2C2/2D	7-38	1	--	--	1	1	ONE WAY (RIGHT)
2C2/2D	7-44	1	--	--	1	1	SUPERIOR
2D/2E	7-9	1	--	--	1	1	WRONG WAY
2D/2E	7-12	1	--	--	1	1	DO NOT ENTER
2D/2E	7-14	1	--	--	1	1	STOP
2D/2E	7-16	1	--	--	1	1	STOP
2D/2E	7-28	1	--	--	1	1	WRONG WAY
2D/2E	7-31	1	--	--	1	1	DO NOT ENTER
2D/2E	7-43	1	--	--	1	1	WRONG WAY
2D/2E	7-46	1	--	--	1	1	DO NOT ENTER
2D/2E	7-48	1	--	--	1	1	STOP
2D/2E	7-51	1	--	--	1	1	WRONG WAY
2D/2E	7-55	1	--	--	1	1	DO NOT ENTER
STAGE 2 TOTALS				3		63	

COVERING SIGNS CONT'D

STAGE	SIGN NUMBER	NUMBER OF CYCLES	643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I NO.	643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I EACH	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II NO.	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	COMMENTS
4	2-5	1	--	--	1	1	WRONG WAY
4	2-7	1	--	--	1	1	DO NOT ENTER
4	2-9	1	--	--	1	1	ONE WAY (LEFT)
4	3-3	1	--	--	1	1	WRONG WAY
4	3-4	1	--	--	1	1	DO NOT ENTER
4	3-6	1	--	--	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4	4-2	1	--	--	1	1	WRONG WAY
4	4-3	1	--	--	1	1	DO NOT ENTER
4	4-4	1	--	--	1	1	ONE WAY (LEFT)
4	8-16	1	--	--	1	1	WRONG WAY
4	8-17	1	--	--	1	1	DO NOT ENTER
4	8-18	1	--	--	1	1	KEEP RIGHT
4	8-20	1	--	--	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4	10-4	1	--	--	1	1	WRONG WAY
4	10-5	1	--	--	1	1	DO NOT ENTER
4	10-8	1	--	--	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4	10-16	1	--	--	1	1	WRONG WAY
4	10-20	1	--	--	1	1	DO NOT ENTER
4	10-26	1	--	--	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4	12-16	1	--	--	1	1	WRONG WAY
4	12-21	1	--	--	1	1	DO NOT ENTER
4	12-27	1	--	--	1	1	SOUTH USH 63
4	13-1	1	1	1	--	--	USH 63 EXIT (ARROW ONLY)
4	13-2	1	--	--	1	1	HOSPITAL EXIT
4	13-11	1	--	--	1	1	HOSPITAL AHEAD
4	13-12	1	--	--	1	1	WRONG WAY
4	13-13	1	--	--	1	1	HOSPTIAL EXIT 168
4	13-15	1	--	--	1	1	DO NOT ENTER
4	13-16	1	--	--	1	1	YEILD
4	13-17	1	--	--	1	1	KEEP RIGHT
4	13-18	1	--	--	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4	13-20	1	--	--	1	1	ONE WAY (LEFT), ONE WAY (RIGHT), DIVIDED HIGHWAY
4A/4B	7-3	1	--	--	1	1	SPEED LIMIT 55
4A/4B	7-4	1	--	--	1	1	KEEP RIGHT
4A	7-9	1	--	--	1	1	WRONG WAY
4A	7-12	1	--	--	1	1	DO NOT ENTER
4A/4B	7-22	1	--	--	1	1	BEGIN LEFT TURN LANE
4A	7-28	1	--	--	1	1	WRONG WAY
4A/4B	7-29	1	--	--	1	1	BEGIN LEFT TURN LANE
4A	7-31	1	--	--	1	1	DO NOT ENTER
4A	7-43	1	--	--	1	1	WRONG WAY
4A	7-46	1	--	--	1	1	DO NOT ENTER
4A/4B	7-47	1	--	--	1	1	KEEP RIGHT
4A	7-48	1	--	--	1	1	STOP
4A/4B	7-49	1	--	--	1	1	KEEP RIGHT
4A	7-51	1	--	--	1	1	WRONG WAY
4A/4B	7-53	1	--	--	1	1	KEEP RIGHT
4A/4B	7-54	1	--	--	1	1	SPEED LIMIT 55
4A	7-55	1	--	--	1	1	DO NOT ENTER
4A/4B	8-1	1	1	1	--	--	STH 70 EXIT (ARROW ONLY)
4A/4B	8-9	1	1	1	--	--	TOURIST INFO EXIT 165
4A/4B	8-13	1	1	1	--	--	LAC COURTE OREILLES EXIT 165
4B	7-1	1	--	--	1	1	SOUTH USH 53
4B	7-2	1	--	--	1	1	DO NOT ENTER
4B	7-5	1	--	--	1	1	RICE LAKE
4B	7-6	1	--	--	1	1	WRONG WAY
4B	7-11	1	--	--	1	1	SOUTH USH 53
4B	7-17	1	--	--	1	1	ONE WAY (LEFT)
4B	7-19	1	--	--	1	1	DO NOT ENTER
4B	7-23	1	--	--	1	1	WRONG WAY
4B	7-24	1	--	--	1	1	RICE LAKE
4B	7-35	1	--	--	1	1	STOP
4B	7-37	1	--	--	1	1	STOP
4B	7-40	1	--	--	1	1	DO NOT ENTER
4B	7-41	1	--	--	1	1	WRONG WAY
4B	7-44	1	--	--	1	1	RICE LAKE
4B	7-52	1	--	--	1	1	DO NOT ENTER
4B	7-56	1	--	--	1	1	WRONG WAY
STAGE 4 TOTALS				4		64	
TOTALS				7		129	

3

TEMPORARY BARRIER AND CRASH CUSHIONS

STAGE	STATION	TO	STATION	OFFSET	603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED LF	603.8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED LF	603.8500 ANCHORING CONCRETE BARRIER TEMPORARY PRECAST LF	614.0905 CRASH CUSHIONS TEMPORARY EACH	FOR INFORMATION: BACK WIDTH (FT)	OBJECT MARKING PATTERN	CRASH TEST LEVEL	TRAFFIC DIRECTION	TRAFFIC LOCATION	CRASH CUSHION SHIELDS
2	6557+15	-	6570+50	RT	1,335	1,335	1,165	--	--	--	--	--	--	--
2	6571+85	-	6581+00	RT	865	865	--	1	2	OM-3L	TL-3	BIDIRECTIONAL	L & R	TEMPORARY CONCRETE BARRIER
2	6887+75	-	6896+25	RT	835	835	--	1	2	OM-3L	TL-3	BIDIRECTIONAL	L & R	TEMPORARY CONCRETE BARRIER
2	6815"BB"+15	-	6825"BB"+12	LT & RT	1,000	1,000	790	--	--	--	--	--	--	--
STAGE 2 TOTALS					4,035	4,035	1,955	2						
4/5A	3557+43	-	3577+75	RT	2,035	2,035	--	--	--	--	--	--	--	--
4	3559+48	-	3571+23	LT	1,175	1,175	1,175	--	--	--	--	--	--	--
4	3571+89	-	3578+90	LT & RT	675	675	--	1	2	OM-3L	TL-3	BIDIRECTIONAL	L & R	TEMPORARY CONCRETE BARRIER
STAGE 4 TOTALS					3,885	3,885	1,175	1						
5A	6552+75	-	6576+44	LT & RT	2,370	2,370	--	--	--	--	--	--	--	--
STAGE 5 TOTALS					2,370	2,370	--	--						
TOTALS					10,290	10,290	3,130	3						

3

TRAFFIC CONTROL SIGNS FIXED MESSAGE

STAGE	LOCATION	SIGN CODE	SIGN SIZE W X H IN X IN	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF	SIGN MESSAGE
1-5	USH 63 NB, SOUTH OF CTH H	FMS	72 X 36	18.00	HWY 53 SOUTH RAMP CLOSED USE HWY H
STAGE 1 TOTAL				18.00	
2	USH 53 NB, SOUTH OF STH 70 EXIT	G20-56	120 X 54	45.00	HWY 63 RAMP CLOSED USE EXIT 165
2	STH 70 EB, WEST OF USH 63/STH 70 INTERSECTION	FMS	90 X 48	30.00	HWY 63 RAMPS CLOSED USE HWY 70 TO ACCESS HWY 53
2	USH 63 NB, SOUTH OF STH 70 INTERSECTION	FMS	90 X 48	30.00	HWY 63 RAMPS CLOSED USE HWY 70 TO ACCESS HWY 53
2	USH 63 SB, NORTH OF STH 70 INTERSECTION	FMS	78 X 36	19.50	HWY 63 RAMPS CLOSED USE HWY H
2	USH 53 NB, SOUTH OF STH 63 EXIT	G20-60	108 X 24	18.00	CLOSED
2	USH 53 NB, SOUTH OF CTH H	W8-75	114 X 60	47.50	WATCH FOR ENTERING TRAFFIC
2	USH 53 SB, NORTH OF CTH H	W8-75	114 X 60	47.50	WATCH FOR ENTERING TRAFFIC
2C1/2C2/2D	USH 53 NB, SOUTH OF STH 70 EXIT	G20-56	120 X 54	45.00	HWY 70 RAMP CLOSED USE EXIT 168
2C1/2C2/2D	USH 53 NB, SOUTH OF STH 253/USH 53 INTERSECTION	FMS	138 X 54	51.75	HWY 70 RAMP CLOSED USE HWY 253 NORTH
2C1/2C2/2D	STH 70 WB, EAST OF USH 53 NB ENTRANCE RAMP	FMS	96 X 36	24.00	HWY 53 NORTH RAMP CLOSED USE HWY 63 NORTH
2C1/2C2/2D	STH 70 EB, WEST OF USH 63/STH 70 INTERSECTION	FMS	96 X 36	24.00	HWY 53 NORTH RAMP CLOSED USE HWY 63 NORTH
2C1/2C2/2D	USH 63 NB, SOUTH OF STH 70 INTERSECTION	FMS	96 X 36	24.00	HWY 53 NORTH RAMP CLOSED USE HWY 63 NORTH
2C1/2C2/2D	USH 53 NB, SOUTH OF STH 70 EXIT	G20-60	108 X 24	18.00	CLOSED
2C1/2C2/2D	USH 53 NB, SOUTH OF STH 70 EXIT	G20-65B	108 X 24	18.00	EXIT 168
STAGE 2 TOTAL				442.25	
4	USH 53 SB, NORTH OF CTH A INTERSECTION	G20-60	108 X 24	18.00	CLOSED
4	USH 53 SB, NORTH OF CTH A INTERSECTION	FMS	120 X 54	45.00	HWY 63 RAMP CLOSED USE EXIT 165
4	USH 53 SB, NORTH OF CTH A INTERSECTION	FMS	96 X 42	28.00	HOSPITAL USE HWY H
4A/4B	USH 53 SB, NORTH OF CTH A INTERSECTION	G20-56	120 X 54	45.00	HWY 70 RAMP CLOSED USE EXIT 168
4A/4B	STH 70 WB, EAST OF USH 53 NB ENTRANCE RAMP	FMS	96 X 36	24.00	HWY 53 SOUTH RAMP CLOSED USE HWY 63/253 SOUTH
4A/4B	USH 63 SB, NORTH OF STH 70 INTERSECTION	FMS	96 X 36	24.00	HWY 70 RAMP TO HWY 53 SOUTH CLOSED USE HWY 63/253 SOUTH
4A/4B	STH 70 EB, WEST OF USH 63/STH 70 INTERSECTION	FMS	96 X 36	24.00	HWY 53 SOUTH RAMP CLOSED USE HWY 63/253 SOUTH
4A/4B	USH 63 NB, SOUTH OF STH 70 INTERSECTION	FMS	90 X 36	22.50	HWY 70 RAMP TO HWY 53 SOUTH CLOSED USE HWY 63
4A/4B	USH 53 SB, NORTH OF STH 70 EXIT	G20-60	108 X 24	18.00	CLOSED
STAGE 4 TOTAL				248.50	
TOTAL				708.75	

MARKING ITEMS

STAGE	STATION	TO	STATION	OFFSET	646.1020 MARKING LINE EPOXY 4-INCH (CENTERLINE) SOLID YELLOW LF	646.1020 MARKING LINE EPOXY 4-INCH (EDGELINE) SOLID WHITE LF	646.1040 MARKING LINE GROOVED WET REF EPOXY 4-INCH (EDGELINE) SOLID WHITE LF	646.1040 MARKING LINE GROOVED WET REF EPOXY 4-INCH (EDGELINE) SOLID YELLOW LF	646.3020 MARKING LINE EPOXY 8-INCH (TURN LANE) SOLID WHITE LF	646.1555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE (LANE LINE) 4-INCH 12.5' LINE 37.5' SKIP WHITE LF	646.3555 MARKING LINE GROOVED CONTRAST PERMANENT TAPE (TURN LANE) 8-INCH SOLID WHITE LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH LF	646.6464 COLD WEATHER MARKING EPOXY 4-INCH WHITE LF	646.6464 COLD WEATHER MARKING EPOXY 4-INCH YELLOW LF	646.6468 COLD WEATHER MARKING EPOXY 8-INCH WHITE LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH LF	646.7220 MARKING CHEVRON EPOXY 24-INCH LF	646.8120 MARKING CURB EPOXY LF	646.8220 MARKING ISLAND NOSE EPOXY EACH
2	3829"AA"+18	-	3853"AA"+00	LT & RT	--	--	2,382	1,430	--	--	--	--	--	--	--	--	--	--	--	--	--
2	6811"BB"+50	-	6822"BB"+10	LT & RT	--	--	1,060	648	--	--	--	--	--	--	--	--	--	--	--	--	--
2	3813"CC"+85	-	3846"CC"+67	LT & RT	--	--	2,867	3,140	--	--	277	--	--	15	--	--	--	--	--	--	--
2	3825"CC"+56	-	3831"CC"+56	LT & RT	--	--	600	600	--	--	--	--	--	15	--	--	--	--	35	--	--
2	3840"DD"+00	-	3861"DD"+17	LT & RT	--	--	2,118	505	--	--	173	--	--	--	--	--	--	--	--	--	--
2	3859"EE"+00	-	3863"EE"+84	LT & RT	--	--	453	498	--	--	--	--	--	35	--	--	--	--	--	--	--
2C2	3686"A"+15	-	3695"A"+53	LT & RT	--	--	1,448	943	--	--	--	--	--	24	--	--	--	--	--	--	--
2C2	3695"B"+38	-	3705"B"+84	LT & RT	--	--	2,401	1,041	--	--	--	--	--	--	--	--	--	--	--	--	--
STAGE 2 TOTALS					--	--	13,329	8,805	--	--	450	--	--	89	--	--	--	--	35	--	--
					--		22,134								--						
4	6560+00	-	6862+50	LT & RT	320	400	29,742	26,865	--	7,147	3,070	--	--	--	--	--	--	--	190	--	--
4	6822"BB"+10	-	6847"BB"+49	LT & RT	--	--	2,540	2,530	--	--	--	--	--	--	--	--	--	--	--	--	--
4B	6688"D"+72	-	6700"D"+08	LT & RT	--	--	1,122	1,130	--	--	--	--	--	--	--	--	--	--	--	--	--
4B	6699"C"+69	-	6709"C"+09	LT & RT	--	--	914	757	--	--	--	--	--	--	--	--	--	--	--	--	--
4B/4C	240"EB"+16	-	272"EB"+14	LT & RT	6,800	--	5,920	--	200	--	--	4	--	--	--	--	--	--	70	--	180	1
STAGE 4 TOTALS					7,120	400	40,238	31,282	200	7,147	3,070	4	--	--	--	--	--	--	70	190	180	1
					7,520		71,520								--						
5A	3553+90	-	3861+18	LT	320	--	50	29,628	--	7,153	385	--	--	--	7,203	29,949	385	--	--	--	--
5A	3863+77	-	3899+43	LT	2,910	--	--	--	--	--	--	--	--	--	--	2,910	--	--	--	--	--
5A	6553+90	-	6574+00	RT	--	--	--	2,010	--	350	--	--	--	--	350	2,010	--	--	--	--	--
5A	6682+65	-	6711+92	RT	--	--	--	368	--	--	--	--	--	--	--	368	--	--	--	--	--
5A	6850+87	-	6862+50	RT	--	--	--	180	--	--	--	--	--	--	--	180	--	--	--	--	--
5A	6865+12	-	6900+75	RT	2,500	--	--	--	--	--	--	2	2	--	--	2,500	--	--	--	--	--
5B	3560+00	-	3861+18	RT	--	400	25,320	--	--	--	5,030	--	--	--	25,720	--	5,030	--	250	--	--
5B	3861+18	-	3869+60	RT	--	290	--	--	--	--	--	2	2	--	290	--	--	--	--	--	--
5B	6707"C"+23	-	6712"C"+10	RT	--	--	--	190	--	--	605	--	--	--	--	190	605	--	190	--	--
5B	301+51	-	304+56	LT & RT	290	170	--	--	--	--	--	--	--	36	170	290	--	--	--	--	--
STAGE 5 TOTALS					6,020	860	25,370	32,376	--	7,503	6,020	4	4	36	33,733	38,397	6,020	--	440	--	--
					6,880		57,746								72,130						
TOTALS					14,400		151,400		200	14,650	9,540	8	4	125	72,130		6,020	70	665	180	1

NOTE:
STANDARD EPOXY MARKING ON USH 53 MAINLINE IS FOR MARKING ON POLYMER OVERLAYS

DELINEATORS AND MARKERS

STAGE	STATION	TO	STATION	OFFSET	204.0180 REMOVING DELINEATORS AND MARKERS EACH	633.0100 DELINEATOR POSTS STEEL EACH	633.0500 DELINEATOR REFLECTORS WHITE EACH	633.0500 DELINEATOR REFLECTORS YELLOW EACH	633.1100* DELINEATORS TEMPORARY DOUBLE SIDED YELLOW EACH	643.0500* TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS WHITE EACH	643.0600* TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES WHITE EACH	COMMENTS
1A	3673+86	-	3676+54	LT	--	--	--	--	8	46	46	USH 53 NB/STH 70 EXIT RAMP TEMP CROSSOVER
1A	3708+01	-	3709+47	LT	--	--	--	--	8	22	22	USH 53 NB/STH 70 ENT RAMP TEMP CROSSOVER
1A	3833+83	-	3835+67	LT	--	--	--	--	8	30	30	USH 53 NB/USH 63 EXIT RAMP TEMP CROSSOVER
1A	6892+56	-	6896+79	RT	--	--	--	--	8	77	77	NORTH LIMIT TEMP CROSSOVER
STAGE 1 TOTALS					--	--	--	--	32	175	175	
2	3553+90	-	3574+50	LT	133	--	--	--	--	--	--	SOUTH LIMIT TEMP CROSSOVER
2	3829"AA"+19	-	3853"AA"+00	LT & RT	48	48	32	16	--	--	--	USH 53 NB/USH 63 EXIT RAMP
2	6811"BB"+50	-	6822"BB"+10	LT & RT	15	15	7	8	--	--	--	USH 53 SB/USH 63 EXIT RAMP
2	3835"CC"+48	-	3846"CC"+67	LT & RT	18	18	10	8	--	--	--	USH 53 SB/USH 63 ENT RAMP
2	3825"CC"+56	-	3831"CC"+56	LT	6	6	6	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP
2	3840"DD"+00	-	3861"DD"+17	LT & RT	21	27	21	6	--	--	--	USH 53 NB/USH 63 ENT RAMP
2	3860"EE"+56	-	3863"EE"+84	RT	6	6	6	--	--	--	--	USH 53 NB/USH 63 EXIT RAMP
2A	248"EB"+65	-	261"EB"+75	LT & RT	16	--	--	--	--	--	--	STH 70 EB & WB
2C2	3680"A"+88	-	3695"A"+53	RT	14	14	14	--	--	--	--	USH 53 NB/STH 70 EXIT RAMP
2C2	3695"B"+42	-	3719"B"+42	RT	24	24	24	--	--	--	--	USH 53 NB/STH 70 ENT RAMP
STAGE 2 TOTALS					301	158	120	38	--	--	--	
							158					
4B	6675"D"+34	-	6699"D"+94	LT	24	24	24	--	--	--	--	USH 53 SB/STH 70 ENT RAMP
4B	6699"C"+95	-	6714"C"+35	LT	14	14	14	--	--	--	--	USH 53 SB/STH 70 EXIT RAMP
4C	248"EB"+65	-	261"EB"+75	RT	--	16	--	16	--	--	--	STH 70 EB & WB
STAGE 4 TOTALS					38	54	38	16	--	--	--	
							54					
5A	3853+73	-	3854+47	LT	--	2	--	4	--	--	--	MAINTENANCE CROSSOVER
5B	3560+00	-	3849+70	RT	66	66	66	--	--	--	--	USH 53 MAINLINE NB
5B	6560+00	-	6862+50	LT	70	70	70	--	--	--	--	USH 53 MAINLINE SB
STAGE 5 TOTALS					136	138	136	4	--	--	--	
							140					
TOTALS					475	350	352		32	175	175	

NOTE:
*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	MISCELLANEOUS QUANTITIES	SHEET 225	E

FENCING ITEMS

STAGE	STATION	OFFSET	204.0170 REMOVING FENCE LF	616.0100.01 FENCE WOVEN WIRE (4-FT) LF
2	3584+60	RT	100	100
2	3631+20	RT	135	135
2	3718+61	RT	250	250
2	3787+22	RT	498	498
2	3797+52	RT	269	269
2	3806+54	RT	99	99
2	3809+60	RT	69	69
STAGE 2 TOTALS			1,420	1,420
4	6560+49	LT	41	41
4	6562+48	LT	120	120
4	6565+52	LT	100	100
4	6567+50	LT	100	100
4	6579+54	LT	106	106
4	6582+48	LT	120	120
4	6585+83	LT	310	310
4	6592+77	LT	50	50
4	6611+53	LT	105	105
4	6620+93	LT	207	207
4	6721+30	LT	40	40
4	6627+60	LT	120	120
4	6643+74	LT	160	160
4	6654+53	LT	110	110
4	6656+52	LT	200	200
4	6661+08	LT	389	389
4	6670+09	LT	103	103
4	6673+27	LT	258	258
4	6684+22	LT	150	150
4	6711+19	LT	265	265
4	6714+95	LT	103	103
4	6717+00	LT	200	200
4	6723+65	LT	122	122
4	6726+41	LT	39	39
4	6728+72	LT	172	172
4	6772+01	LT	200	200
4	6808+80	LT	100	100
4	6818+76	LT	40	40
4	6821+83	LT	40	40
STAGE 4 TOTALS			4,070	4,070
TOTALS			5,490	5,490

SAWING ITEMS

STAGE	STATION	TO	STATION	OFFSET	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	COMMENTS
1A	3664+96	-	3679+26	LT	1,222	--	USH 53 NB/STH 70 EXIT RAMP TEMP CROSSOVER
1A	3707+06	-	3720+18	LT	1,212	--	USH 53 NB/STH 70 ENT RAMP TEMP CROSSOVER
1A	3827+75	-	3836+98	LT	897	--	USH 53 NB/USH 63 EXIT RAMP TEMP CROSSOVER
1A	3881+84	-	3901+00	LT	16	--	NORTH LIMIT TEMP CROSSOVER
1A	6580+46	-	6586+40	LT	600	--	SOUTH LIMIT TEMP CROSSOVER
1A	6721+36	-	6721+55	RT	6	20	SURFACE DRAIN REMOVAL & TEMPORARY GUARDRAIL
1A	6784+91	-	6803+28	RT	1,920	--	CTH H TEMP WIDENING
1A	6865+12	-	6877+93	RT	100	--	CTH A TEMP WIDENING
1A	6811"BB"+50	-	6830"BB"+26	LT	290	--	USH 53 SB/USH 63 EXIT RAMP TEMP WIDENING
1B	6721+17	-	6721+46	LT	12	25	SURFACE DRAIN REMOVAL & TEMPORARY GUARDRAIL
1B	6786+03	-	6802+18	LT	1,527	3	CTH H TEMP WIDENING
STAGE 1 TOTALS					7,802	48	
2	3560+00	-	3755+50	LT & RT	224	1,476	USH 53 MAINLINE
2	3597+27	-	3646+15	LT	270	--	MEDIAN OPENINGS
2	3675+50	-	3708+77	LT & RT	56	111	USH 53 MAINLINE
2	3737+64	-	3794+68	LT	343	--	MEDIAN OPENINGS
2	3835+15	-	3861+18	LT & RT	86	82	USH 53 MAINLINE
2	285+74			LT & RT	21	--	OJIBWA RD
2	291+63			LT & RT	22	--	BITTERSWEET DR
2	304+56			LT & RT	31	--	CTH H
2	6815"BB"+14	-	6822"BB"+10	LT & RT	811	28	USH 53 SB/USH 63 EXIT RAMP
2	3815"CC"+20			LT & RT	4	13	USH 53 SB/USH 63 ENT RAMP
2A	240"WB"+16	-	249"WB"+91	LT & RT	1,594	--	STH 70 WB & EB WIDENING
2A	249"WB"+39	-	250"WB+75	RT	--	5	STH 70 TEMP MEDIAN
2A	259"WB"+50	-	261"WB"+75	LT & RT	55	5	STH 70 TEMP MEDIAN & STORM SEWER REPLACEMENTS
2A	260"WB"+30	-	272"WB"+15	LT & RT	2,369	--	STH 70 WB & EB WIDENING
2B	251"EB"+48	-	259"EB"+17	LT & RT	92	5	STH 70 EB
2C1	258"EB"+89	-	260"EB"+56	LT & RT	37	15	USH 53 NB/STH 70 EXIT RAMP & STH 70 EB
2C2	3696"B"+28			LT & RT	6	32	USH 53 NB/STH 70 ENT RAMP
2D	258"WB"+87	-	260"WB"+18	LT & RT	52	5	USH 53 NB/STH 70 ENT RAMP & STH 70 WB
2E	251"WB"+48			LT & RT	28	--	STH 70 WB
STAGE 2 TOTALS					6,101	1,777	
3	3666+86	-	3684+41	LT	248	--	STH 70 SB ENT RAMP TEMP CROSSOVER
3	3707+02	-	3719+75	LT	170	--	STH 70 SB EXIT RAMP TEMP CROSSOVER
3	3849+39	-	3876+59	LT	268	--	USH 63 SB EXIT RAMP TEMP CROSSOVER & CTH A TEMP WIDENING
STAGE 3 TOTALS					686	--	
4	6560+00	-	6682+36	LT & RT	24	1,429	USH 53 MAINLINE
4	6596+89	-	6646+18	RT	285	--	MEDIAN OPENINGS
4	6682+36	-	6712+53	LT & RT	40	124	USH 53 MAINLINE
4	6737+97	-	6800+32	RT	385	--	MEDIAN OPENINGS
4	6845+50	-	6847+45	RT	16	44	USH 53 SB/USH 63 ENT RAMP
4	6848+19	-	6862+50	LT & RT	43	74	USH 53 MAINLINE
4	282+88			LT & RT	21	--	OJIBWA RD
4	301+51			LT & RT	23	--	CTH H
4A	248"WB"+65	-	251"WB"+48	LT & RT	94	20	USH 53 SB/STH 70 EXIT RAMP & STH 70 WB
4B	248"EB"+65			RT	20	--	STH 70 EB
STAGE 4 TOTALS					951	1,691	
5A	3553+90	-	3560+48	LT	12	24	USH 53 MAINLINE
5A	3666+86	-	3684+41	LT	12	--	USH 53 MAINLINE SHLDRS
5A	3710+00	-	3719+75	LT	12	--	USH 53 MAINLINE SHLDRS
5A	3849+59	-	3861+23	LT	12	--	USH 53 MAINLINE SHLDRS
5A	3881+84	-	3901+00	LT	12	--	USH 53 MAINLINE SHLDRS
STAGE 5 TOTALS					60	24	
TOTALS					15,600	3,540	

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CONSTRUCTION STAKING ITEMS

STAGE	STATION	TO	STATION	OFFSET	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	650.6501.01 CONSTRUCTION STAKING STRUCTURE LAYOUT (B-65-22) EACH	650.6501.02 CONSTRUCTION STAKING STRUCTURE LAYOUT (B-65-30) EACH	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (1197-18-78) EACH	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	COMMENTS
1A	3580+92	-	3586+82	LT	--	590	590	--	--	--	--	--	--	--	590	SOUTH LIMIT TEMP CROSSOVER
1A	3664+96	-	3679+26	LT	--	1,430	1,430	--	--	--	--	--	--	--	1,430	USH 53 NB/STH 70 EXIT RAMP TEMP CROSSOVER
1A	3675+69	-	3677+96	LT	2	--	--	--	--	--	--	--	--	--	--	
1A	3707+06	-	3720+18	LT	--	1,312	1,312	--	--	--	--	--	--	--	1,312	USH 53 NB/STH 70 ENT RAMP TEMP CROSSOVER
1A	3707+48	-	3710+46	LT	1	--	--	--	--	--	--	--	--	--	--	
1A	3827+75	-	3836+98	LT	--	923	923	--	--	--	--	--	--	--	923	USH 53 NB/USH 63 EXIT RAMP TEMP CROSSOVER
1A	3834+82	-	3836+55	LT	2	--	--	--	--	--	--	--	--	--	--	
1A	3881+84	-	3901+00	LT	--	1,916	1,916	--	--	--	--	--	--	--	1,916	NORTH LIMIT TEMP CROSSOVER
1A	3889+33	-	3891+81	LT	2	--	--	--	--	--	--	--	--	--	--	
1A	6811"BB"+50	-	6830"BB"+26	LT	--	1,876	1,876	--	--	--	--	--	--	--	1,876	USH 53 SB/USH 63 EXIT RAMP TEMP WIDENING
1A	6822"BB"+18			LT & RT	--	--	--	--	1	--	--	--	--	--	--	
1A/1B	6719+53	-	6724+64	LT & RT	--	511	511	--	--	--	--	--	--	--	511	TEMPORARY GUARDRAIL
1A/1B	6784+91	-	6803+28	LT & RT	--	1,837	1,837	--	--	--	--	--	--	--	1,837	CTH H TEMP WIDENING
1A	6865+12	-	6870+85	RT	--	573	573	--	--	--	--	--	--	--	573	CTH A TEMP WIDENING
1A	6875+75	-	6877+93	RT	--	218	218	--	--	--	--	--	--	--	218	CTH A TEMP WIDENING
STAGE 1 TOTALS					7	11,186	11,186	--	1	--	--	--	--	--	11,186	
2/2C2	3560+00	-	3721+17	LT & RT	--	890	890	--	--	--	--	16,117	--	--	16,117	MAINLINE (NB), SEE NOTES
2	3710+41	-	3710+46	LT & RT	1	--	--	--	--	--	--	--	--	--	--	
2	3721+89	-	3822+37	LT & RT	--	3,139	3,139	--	--	--	--	10,048	--	--	10,048	MAINLINE (NB), SEE NOTES
2	3825+63	-	3861+18	LT & RT	--	--	--	--	--	--	--	3,555	--	--	3,555	MAINLINE (NB), SEE NOTES
2	6794+89	-	6798+97	RT	2	--	--	--	--	--	--	--	--	--	--	
2	230+88	-	231+48	LT & RT	--	60	60	--	--	--	--	--	--	--	60	CRANBERRY DR (EAST)
2	284+96	-	285+74	LT & RT	--	78	78	--	--	--	--	--	--	--	78	OJIBWA RD
2	290+91	-	291+63	LT & RT	--	72	72	--	--	--	--	--	--	--	72	BITTERSWEET DR
2	303+88	-	304+56	LT & RT	--	68	68	150	--	--	--	--	--	--	68	CTH H
2	3837"AA"+79	-	3853"AA"+00	LT & RT	--	--	--	--	--	--	--	1,521	--	--	1,521	USH 53 NB/USH 63 EXIT RAMP
2	6815"BB"+14	-	6822"BB"+10	LT & RT	--	--	--	--	--	--	--	691	--	--	691	USH 53 SB/USH 63 EXIT RAMP
2	3813"CC"+85	-	3846"CC"+65	LT & RT	--	140	140	--	--	--	--	3,140	--	--	3,140	USH 53 SB/USH63 ENT RAMP
2	3825"CC"+56	-	3831"CC"+56	LT & RT	--	--	--	207	--	--	--	600	--	--	600	USH 53 NB/USH 63 EXIT RAMP
2	3827"CC"+09	-	3827"CC"+10	LT & RT	3	--	--	--	--	--	--	--	--	--	--	
2	3830"CC"+07	-	3830"CC"+12	LT & RT	3	--	--	--	--	--	--	--	--	--	--	
2	3833"CC"+07	-	3833"CC"+08	LT & RT	3	--	--	--	--	--	--	--	--	--	--	
2	3835"CC"+99	-	3836"CC"+09	LT & RT	3	--	--	--	--	--	--	--	--	--	--	
2	3839"CC"+05	-	3839"CC"+10	LT & RT	3	--	--	--	--	--	--	--	--	--	--	
2	3842"DD"+93	-	3853"DD"+04	LT & RT	--	--	--	--	--	--	--	1,011	--	--	1,011	USH 53 NB/USH 63 ENT RAMP
2	3859"EE"+00	-	3863"EE"+71	LT & RT	--	--	--	338	--	--	--	471	--	--	471	USH 53 NB/USH 63 EXIT RAMP
2A	240"WB"+16	-	272"WB"+14	LT & RT	--	--	--	--	--	--	--	--	2,965	--	--	STH 70 WB & EB
2A	259"EB"+84			LT	2	--	--	--	--	--	--	--	--	--	--	
2B	251"EB"+48	-	259"EB"+17	LT & RT	--	--	--	--	--	--	--	535	--	--	535	STH 70 EB
2C1	259"EB"+17	-	260"EB"+46	LT & RT	--	--	--	--	--	--	--	157	--	--	157	USH 53 NB/STH 70 EXIT RAMP & STH 70 EB
2C2	3685"A"+59	-	3695"A"+85	LT & RT	--	--	--	--	--	--	--	1,026	--	--	1,026	USH 53 NB/STH 70 EXIT RAMP
2C2	3695"B"+06	-	3707"B"84	LT & RT	--	--	--	--	--	--	--	1,278	--	--	1,278	USH 53 NB/STH 70 ENT RAMP
2D	258"WB"+87	-	260"WB"+18	LT & RT	--	--	--	--	--	--	--	131	--	--	131	USH 53 NB/STH 70 ENT RAMP & STH 70 WB
2E	251"WB"+48	-	258"WB"+87	LT & RT	--	--	--	--	--	--	--	506	--	--	506	
STAGE 2 TOTALS					20	4,447	4,447	695	--	--	--	40,787	2,965	--	41,065	
3	3666+86	-	3684+41	LT	--	1,755	1,755	--	--	--	--	--	--	--	1,755	USH 53 SB/STH 70 ENT RAMP TEMP CROSSOVER
3	3707+02	-	3719+75	LT	--	1,273	1,273	--	--	--	--	--	--	--	1,273	USH 53 SB/STH 70 EXIT RAMP TEMP CROSSOVER
3	3710+46			LT	1	--	--	--	--	--	--	--	--	--	--	
3	3849+39	-	3861+23	LT	--	1,184	1,184	--	--	--	--	--	--	--	1,184	USH 53 SB/USH 63 EXIT RAMP TEMP CROSSOVER
3	3850+06	-	3853+61	LT	1	--	--	--	--	--	--	--	--	--	--	
3	3863+78	-	3876+59	LT	--	1,281	1,281	--	--	--	--	--	--	--	1,281	CTH A TEMP WIDENING
3	6682+15	-	6883+05	RT	1	--	--	--	--	--	--	--	--	--	--	
3	6811"BB"+50	-	6815"BB"+14	LT	--	364	364	--	--	--	--	--	--	--	364	USH 53 SB/USH 63 EXIT RAMP SHLDR
STAGE 3 TOTALS					3	5,857	5,857	--	--	--	--	--	--	--	5,857	
4/4B	6560+00	-	6721+50	LT & RT	--	832	832	--	--	--	--	16,150	--	--	16,150	MAINLINE (SB), SEE NOTES
4	6722+23	-	6822+28	LT & RT	--	1,536	1,536	--	--	--	--	10,005	--	--	10,005	MAINLINE (SB), SEE NOTES
4	6725+46			LT & RT	2	--	--	--	--	--	--	--	--	--	--	
4	6825+54	-	6862+50	LT & RT	--	74	74	--	--	--	--	3,696	--	--	3,696	MAINLINE (SB), SEE NOTES
4	222+46	-	223+12	LT & RT	--	66	66	--	--	--	--	--	--	--	66	CRANBERRY DR (WEST)
4	282+88	-	283+85	LT & RT	--	97	97	--	--	--	--	--	--	--	98	OJIBWA RD
4	301+51	-	302+86	LT & RT	--	135	135	150	--	--	--	--	--	--	135	CTH H
4	6822"BB"+10	-	6850"BB"+37	LT & RT	--	--	--	--	--	--	--	2,830	--	--	2,830	USH 53 SB/USH 63 EXIT RAMP
4A	248"WB"+75	-	251"WB"+48	LT & RT	--	--	--	--	--	--	--	273	--	--	273	USH 53 SB/STH 70 EXIT RAMP & STH 70 WB
4B	248"EB"+75	-	251"EB"+48	LT & RT	--	--	--	--	--	--	--	273	--	--	273	STH 70 EB
4B	6686"D"+70	-	6700"D"+35	LT & RT	--	--	--	--	--	--	--	1,365	--	--	1,365	USH 53 SB/STH 70 ENT RAMP
4B	6699"C"+46	-	6709"C"+65	LT & RT	--	--	--	--	--	--	--	1,201	--	--	1,201	USH 53 SB/STH 70 EXIT RAMP
4C	259"EB"+78	-	261"EB"+55	LT	--	--	--	140	--	--	--	--	--	--	--	MEDIAN ISLAND
STAGE 4 TOTALS					2	2,740	2,740	290	--	--	--	35,793	--	--	36,092	

3

CONSTRUCTION STAKING ITEMS CONT'D

STAGE	STATION	TO	STATION	OFFSET	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	650.6501.01 CONSTRUCTION STAKING STRUCTURE LAYOUT (B-65-22) EACH	650.6501.02 CONSTRUCTION STAKING STRUCTURE LAYOUT (B-65-30) EACH	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (1197-18-78) EACH	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	COMMENTS
5A	3560+00	-	3575+50	LT	--	--	--	--	--	--	--	1,550	--	--	1,550	USH 53 NB MAINLINE
5A		3695+43		LT	1	--	--	--	--	--	--	--	--	--	--	
5A		3853+61		LT	1	--	--	--	--	--	--	--	--	--	--	
5A		3891+80		LT	1	--	--	--	--	--	--	--	--	--	--	
5A	6560+00	-	6574+00	RT	--	--	--	--	--	--	--	1,400	--	--	1,400	USH 53 SB MAINLINE
5A		6683+06		RT	1	--	--	--	--	--	--	--	--	--	--	
5A		6722+74		RT	1	--	--	--	--	--	--	--	--	--	--	
5A		6794+89		RT	1	--	--	--	--	--	--	--	--	--	--	
5A	3846"CC"+91	-	3847"CC"+41	LT & RT	--	--	--	--	--	--	--	50	--	--	50	USH 53 SB/USH 63 ENT RAMP
5B	3865+75	-	3874+75	RT	--	--	--	--	--	--	--	--	900	--	--	USH 53 NB SHLDR
5B	6866+25	-	6876+00	LT	--	--	--	--	--	--	--	--	975	--	--	USH 53 SB SHLDR
STAGE 5 TOTALS					6	--	--	--	--	--	--	3,000	1,875	--	3,000	
PROJECT					--	--	--	--	--	1	1	--	--	1	--	
TOTALS					38	24,230	24,230	985	1	1	1	79,580	4,840	1	97,200	

NOTES:

BASE STAKING FOR ASPHALTIC SHOULDERS IS INCIDENTAL TO CONCRETE PAVEMENT ALONG MAINLINE

SUBGRADE AND BASE STAKING PAID ALONG MAINLINE FOR INTERSECTIONS, TURN LANES, AND MEDIAN CROSSOVERS

LEGEND

- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- EXISTING TEMPORARY CROSSOVER (CONSTRUCTED PREVIOUSLY BY OTHERS)
- 6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

N

GREAT LAKES LOGGING LLC

ALAN R LUTHER
LYNDA R LUTHER

ALAN R LUTHER
LYNDA R LUTHER

ALAN R LUTHER
LYNDA R LUTHER

ASTREA
(COMMUNICATION)

BEGIN CONSTRUCTION
SHOULDER REPLACEMENT
STA 6553+90
MATCH EXISTING
SAWCUT REQ'D

BEGIN CONSTRUCTION
STA 6560+00
MATCH EXISTING
SAWCUT REQ'D

EX R/W

BASE AGG
FE

6545 6550 N42° 59' 28"W 6555 USH 53 SB 6560 6565 6570

3545 3550 N42° 59' 28"W 3555 USH 53 NB 3560 3565 3570

EX R/W

CP #522
Y = 553,059.18
X = 755,690.66
ELEV = 1280.39
FENO 1000 W/ALUMINUM CAP SET

BEGIN CONSTRUCTION
SHOULDER REPLACEMENT
STA 3553+90
MATCH EXISTING
SAWCUT REQ'D

BEGIN PROJECT
STA 3560+00
Y=553,740.405
X=754,932.096
MATCH EXISTING
SAWCUT REQ'D

EX R/W

DAIRYLAND POWER
COOPERATIVE
(ELECTRIC)

WISCONSIN DVA

VETERANS WAY

STA 3554+94, LT
EXISTING INLET TO REMAIN

STA 3554+94, RT
EXISTING 24" SSPRC TO REMAIN

STA 3559+48, LT
EXISTING INLET TO REMAIN

STA 3559+48, RT
EXISTING 24" SSPRC TO REMAIN

STAGE 2/4
STA 3562+61, LT&RT
EXISTING 30" CPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

UNNAMED
OPEN WATER

JEFFERY THOMPSON

JEFFERY THOMPSON

ALAN R LUTHER
LYNDA R LUTHER

ALAN R LUTHER
LYNDA R LUTHER

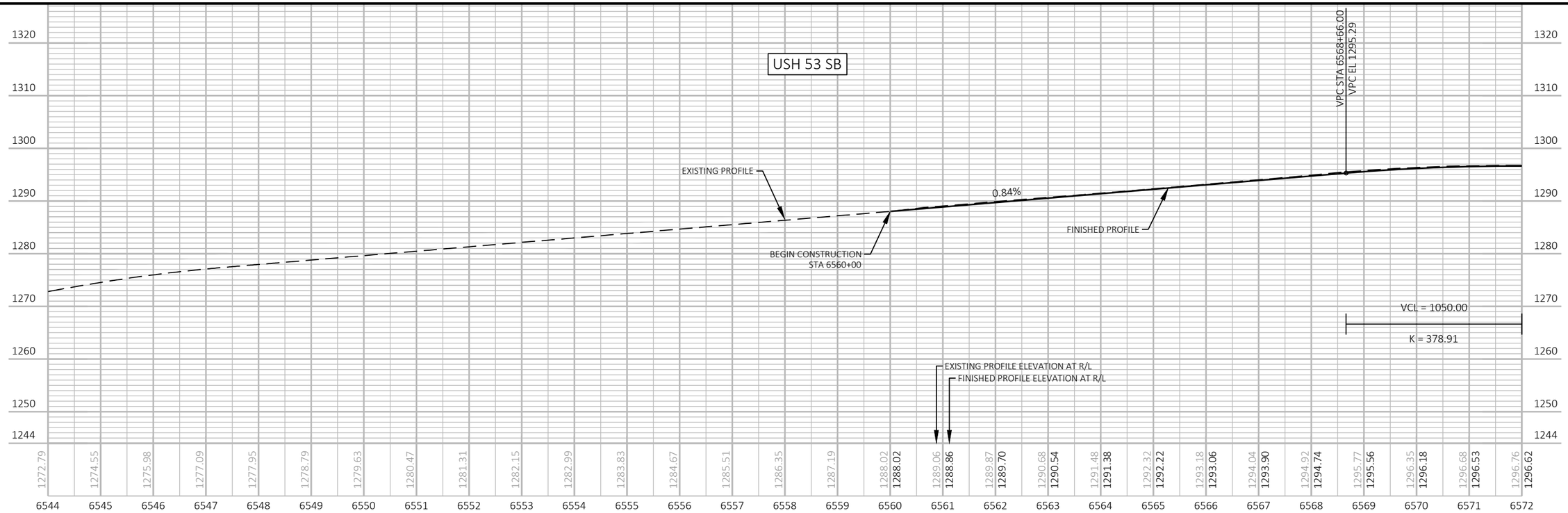
EX R/W

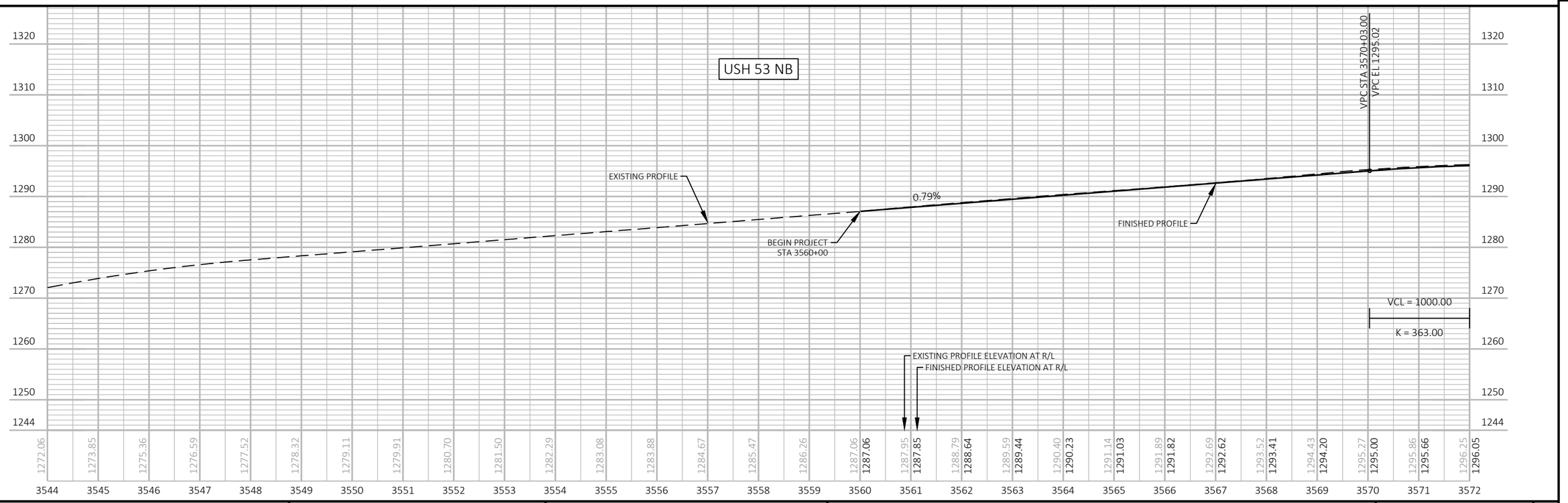
EX R/W

5

5

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 229	E





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 230	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 02

PLOT DATE : 4/8/2022 8:47 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

LEGEND

- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- EXISTING TEMPORARY CROSSOVER (CONSTRUCTED PREVIOUSLY BY OTHERS)
- 6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

CURVE NO. 1
PI STA = 6584+42.15
Y = 555511.06
X = 753180.28
PC STA = 6578+36.10
Y=555067.76
X=753593.54
PT STA = 6590+47.09
Y=555995.24
X=752815.76
DELTA = 6°00'58"
D = 0°29'48"
T = 606.06'
L = 1211.00'
R = 11533.16'
EXISTING SE = RC
PROPOSED SE = RC
SE TRANSITION (T) = 120'
RO (RUNOFF) = 60'

STAGE 4
STA 6584+52, RT
EXISTING INLET TO REMAIN

STA 6584+52, LT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 4
STA 6589+68, FROM AEW TO 89' LT
DITCH CLEANING

CURVE NO. 2
PI STA = 3584+85.81
Y = 555558.68
X = 753237.06
PC STA = 3578+83.64
Y=555118.22
X=753647.67
PT STA = 3590+86.87
Y=556039.75
X=752874.88
DELTA = 6°00'58"
D = 0°30'00"
T = 602.17'
L = 1203.23'
R = 11459.16'
EXISTING SE = RC
PROPOSED SE = RC
SE TRANSITION (T) = 120'
RO (RUNOFF) = 60'

STAGE 2/4
STA 3590+02, LT&RT
EXISTING 30" CPRC TO REMAIN
REMOVE EXISTING ENDWALL, LT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D, LT
MARKERS FOR CULVERT END REQ'D

STAGE 2/4
STA 3595+30, LT&RT
EXISTING 30" CPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3597+62, LT
EXISTING INLET TO REMAIN

STA 3597+92, LT&RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, RT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

CP #507
Y = 556,665.48
X = 752,508.92
ELEV = 1254.44
NGS 7Q25 BRASS CAP
(DO NOT DISTURB)

BEGIN CONSTRUCTION
STA 222+46

BP: 220+00.00
EP: 224+00.00

PC: 6578+36.10
PC: 3578+83.64
PT: 6590+47.09
PT: 3590+86.87
PI: 6599+22.10
PI: 3599+61.87

Y = 556694.278
X = 752289.477

Y = 556738.786
X = 752348.595

ASTREA (COMMUNICATION)
BARRON ELECTRIC (ELECTRIC)
NGS
BASE AGG
FE
SIGN

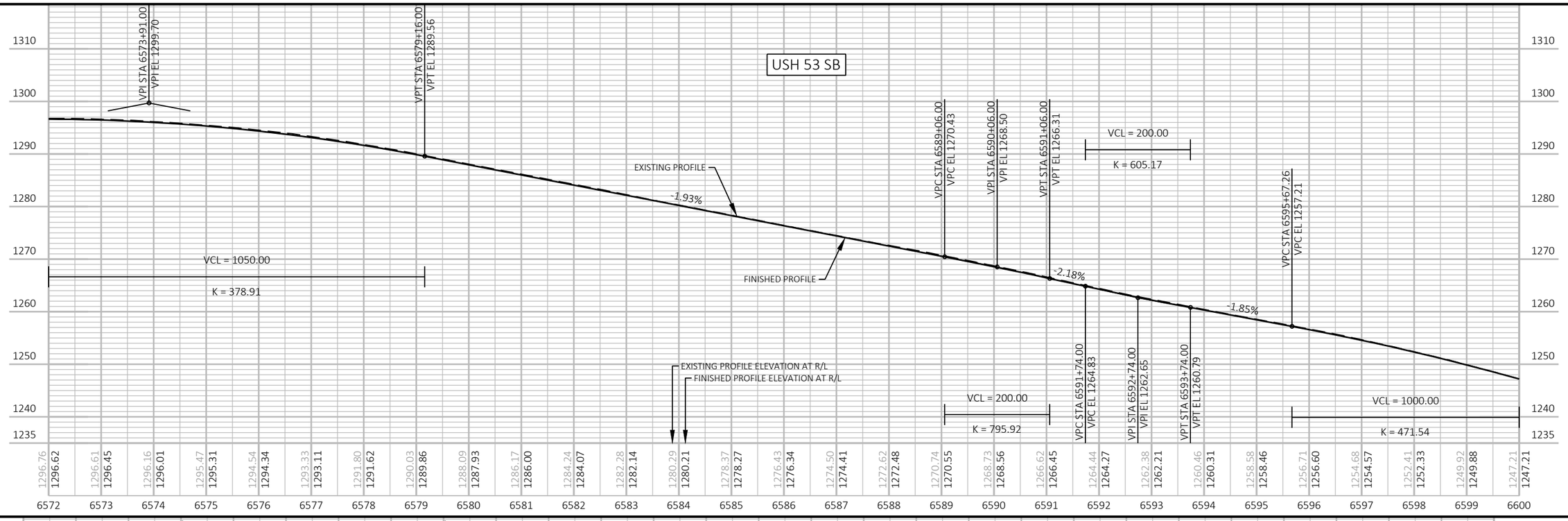
CRANBERRY DR (WEST)
EX R/W
USH 53 SB
USH 53 NB
CURVE 1
CURVE 2
N42° 59' 28"W
N36° 58' 30"W

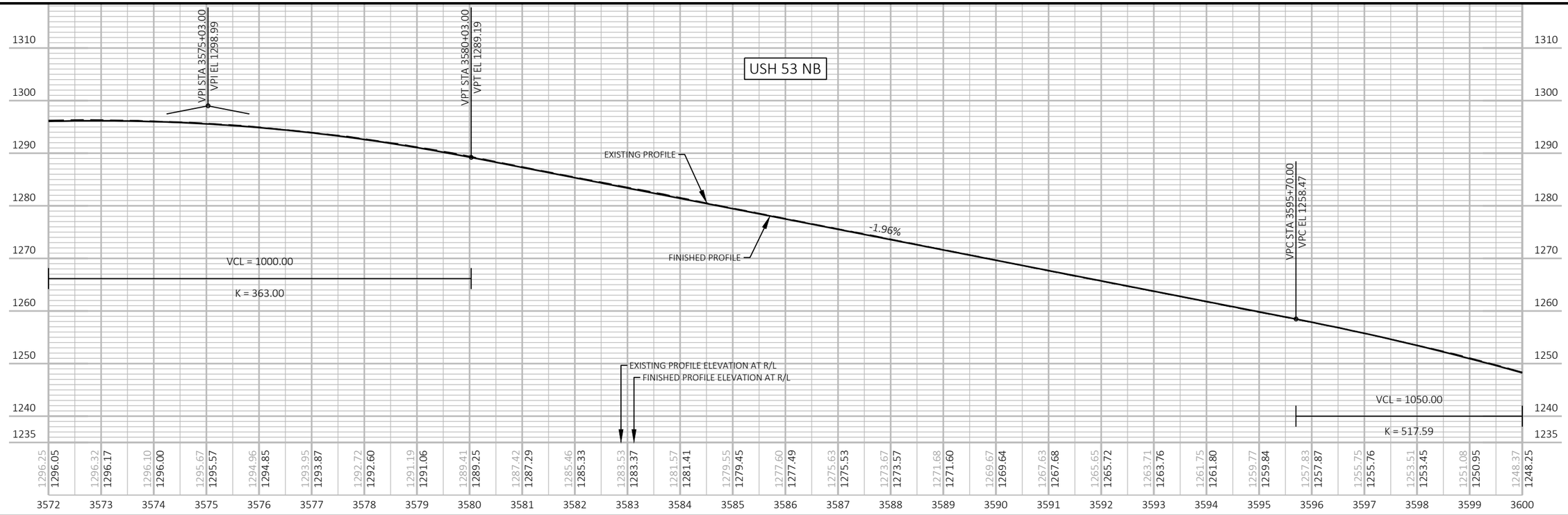
ALAN R LUTHER
LYNDA R LUTHER
JEFFREY E PAFFEL
GARY OLSON
JOANNE L OLSON
UNNAMED OPEN WATER

5 5

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 231	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 03
PLOT DATE : 4/8/2022 8:48 AM
PLOT BY : ADMIN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 232 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 04

PLOT DATE : 4/8/2022 8:48 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

STATION & OFFSET TABLE (TURN LANES)			
POINT NUMBER	STATION	OFFSET	REMARKS
5-1	6600+62.36	LT	BEGIN EOP TAPER
5-2	6601+37.36	LT	END EOP TAPER
5-3	6601+87.36	LT	SHOULDER PAVEMENT STRUCTURE CHANGE

CRAIG M MELLIN
CYNTHIA A MELLIN

EX R/W

JEFFREY E PAFFEL

STAGE 4
STA 6606+55, RT
EXISTING INLET TO REMAIN

STA 6606+55, LT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 4
STA 6615+29, RT
EXISTING INLET TO REMAIN

STA 6615+58, LT&RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 6615+93 - STA 6616+23, LT
DITCH CLEANING

CRAIG M MELLIN
CYNTHIA A MELLIN

WISCONSIN DNR

PI: 6599+22.10

GARY OLSON
JOANNE L OLSON

EX R/W

LUMEN
(COMMUNICATION)

ASTREA
(COMMUNICATION)

GARY OLSON
JOANNE L OLSON

EX R/W

Y = 556694.278
X = 752289.477

5-1 5-2 5-3

BASE AGG
FE

BASE AGG
FE

6600 6605 6610 USH 53 SB 6615 6620 6625

N37° 00' 45"W

BP: 230+00.00

3600 N37° 00' 45"W 3605 3610 USH 53 NB 3615 3620 3625

5-4 5-5 5-6

Y = 556738.786
X = 752348.595

PI: 3599+61.87

EX R/W

BARRON ELECTRIC
(ELECTRIC)

STAGE 2/4
STA 3609+18, LT&RT
EXISTING 30" CPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

GARY OLSON
JOANNE L OLSON

GARY OLSON
JOANNE L OLSON

END CONSTRUCTION
STA 231+48

EP: 234+00.00

EX R/W

EX R/W

CRANBERRY DR (EAST)

EX R/W

STAGE 2
STA 3624+92, LT
EXISTING INLET TO REMAIN

STA 3624+92, RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
MARKERS FOR CULVERT END REQ'D

T 38 N
R 4 3 9 10 W
12

DO NOT DISTURB

GARY OLSON
JOANNE L OLSON

GARY OLSON
JOANNE L OLSON

GARY OLSON
JOANNE L OLSON

WASHBURN CO GRAVEL

STATION & OFFSET TABLE (TURN LANES)			
POINT NUMBER	STATION	OFFSET	REMARKS
5-4	3611+20.42	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
5-5	3611+70.42	RT	BEGIN EOP TAPER
5-6	3612+45.42	RT	END EOP TAPER

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 233	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 05

PLOT DATE : 4/8/2022 8:48 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

USH 53 NB

VPI STA 3600+95.00
VPI EL 1248.18

VPT STA 3606+20.00
VPT EL 1227.23

VPC STA 3610+22.00
VPC EL 1211.20

VPI STA 3612+72.00
VPI EL 1201.22

VPT STA 3615+22.00
VPT EL 1187.85

VPC STA 3619+41.00
VPC EL 1165.45

VPI STA 3626+41.00
VPI EL 1128.01

VCL = 1050.00
K = 517.59

-3.99%

VCL = 500.00
K = 368.01

-5.35%

VCL = 1400.00
K = 238.47

EXISTING PROFILE
FINISHED PROFILE

EXISTING PROFILE ELEVATION AT R/L
FINISHED PROFILE ELEVATION AT R/L

3600	3601	3602	3603	3604	3605	3606	3607	3608	3609	3610	3611	3612	3613	3614	3615	3616	3617	3618	3619	3620	3621	3622	3623	3624	3625	3626	3627	3628
1248.37	1245.46	1242.38	1239.16	1235.67	1231.99	1228.09	1224.14	1220.16	1216.20	1212.21	1208.08	1203.72	1199.10	1194.33	1189.19	1183.87	1178.47	1173.08	1167.67	1162.45	1157.60	1153.17	1149.10	1145.45	1142.23	1139.45	1137.08	1135.10
1248.25	1245.36	1242.28	1239.01	1235.54	1231.88	1228.03	1224.04	1220.05	1216.06	1212.07	1208.00	1203.67	1199.06	1194.18	1189.02	1183.68	1178.34	1172.99	1167.64	1162.36	1157.47	1153.00	1148.95	1145.32	1142.10	1139.31	1136.94	1134.98

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 234	E

USH 53 SB

VPI STA 6600+67.26
VPI EL 1247.95

VPT STA 6605+67.26
VPT EL 1228.08

VPC STA 6609+95.26
VPC EL 1211.08

VPI STA 6612+45.26
VPI EL 1201.14

VPT STA 6614+95.26
VPT EL 1187.80

VPC STA 6619+12.26
VPC EL 1165.54

VPI STA 6626+12.26
VPI EL 1128.18

VCL = 1000.00
K = 471.54

-3.97%

VCL = 500.00
K = 366.59

-5.34%

VCL = 1400.00
K = 234.77

EXISTING PROFILE

FINISHED PROFILE

EXISTING PROFILE ELEVATION AT R/L
FINISHED PROFILE ELEVATION AT R/L

6600	6601	6602	6603	6604	6605	6606	6607	6608	6609	6610	6611	6612	6613	6614	6615	6616	6617	6618	6619	6620	6621	6622	6623	6624	6625	6626	6627	6628
1247.21	1244.30	1241.15	1237.82	1234.29	1230.56	1226.67	1222.68	1218.69	1214.70	1210.72	1206.59	1202.23	1197.56	1192.59	1187.39	1181.99	1176.54	1171.19	1165.89	1160.85	1156.07	1151.75	1147.93	1144.48	1141.43	1138.80	1136.66	1134.93
1247.21	1244.33	1241.25	1237.95	1234.43	1230.71	1226.78	1222.81	1218.84	1214.86	1210.89	1206.77	1202.37	1197.70	1192.76	1187.55	1182.21	1176.87	1171.54	1166.20	1161.03	1156.27	1151.95	1148.05	1144.58	1141.53	1138.91	1136.72	1134.95

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 235	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 06 (2)

PLOT DATE : 4/8/2022 8:49 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

CEMSTONE READY-MIX INC

CURVE NO. 3
PI STA = 6650+47.49
Y = 560786.92
X = 749204.04
PC STA = 6640+35.71
Y=559979.01
X=749813.12
PT STA = 6659+80.41
Y=561798.08
X=749239.62
DELTA = 39°01'39"
D = 2°00'25"
T = 1011.78'
L = 1944.71'
R = 2855.00'
EXISTING SE = 4.8%
PROPOSED SE = 5.5%
SE TRANSITION (T) = 225'
RO (RUNOFF) = 165'

STAGE 4
STA 6647+73, LT&RT
EXISTING 24" CPRC TO REMAIN
REMOVE EXISTING ENDWALLS, LT & RT
2-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
MARKERS FOR CULVERT END REQ'D

N

STAGE 4
STA 6643+53, LT&RT
EXISTING 24" CPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

RICHARD C SCHEFFEL TRUST
MARY A SCHEFFEL TRUST

CEMSTONE READY-MIX INC

STAGE 4
STA 6631+52, RT
EXISTING INLET TO REMAIN

STA 6631+51, LT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, LT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
MARKERS FOR CULVERT END REQ'D

WISCONSIN DNR

ASTREA (COMMUNICATION)

PC: 6640+35.71

BASE AGG FE

6645

CURVE 3

6650

EX R/W

USH 53 SB

6640

6635

N37° 00' 45"W

USH 53 NB

3640

3645

CURVE 4

6655

EX R/W

BASE AGG FE

6630

N37° 00' 45"W

3635

3650

ASPH FE

INL

RIPRAP

3630

3655

RUINS

RUINS

PC: 3634+36.57

EX R/W

STA 3645+27, LT
SEE CONSTRUCTION DETAIL OF
MEDIAN OPENINGS AT DRIVEWAYS

CP #528
Y = 560,419.17
X = 749,815.72
ELEV = 1135.72
FENO 1000 W/ALUMINUM CAP SET

EX R/W

WASHBURN COUNTY HWY DEPT

WASHBURN COUNTY HWY DEPT

STAGE 2/4
STA 3630+45, LT&RT
EXISTING 2-60" CPRC TO REMAIN
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3647+74, RT
EXISTING INLET TO REMAIN

STA 3647+32, LT&RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, LT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

CURVE NO. 4
PI STA = 3650+61.09
Y = 560810.53
X = 749278.92
PC STA = 3634+36.57
Y=559513.35
X=750256.86
PT STA = 3665+59.00
Y=562434.04
X=749336.04
DELTA = 39°01'39"
D = 1°15'00"
T = 1624.52'
L = 3122.43'
R = 4584.00'
EXISTING SE = 3.4%
PROPOSED SE = 4.0%
SE TRANSITION (T) = 180'
RO (RUNOFF) = 120'

WASHBURN CO GRAVEL

ARTHUR A JACOBS
ELLEN A JACOBS

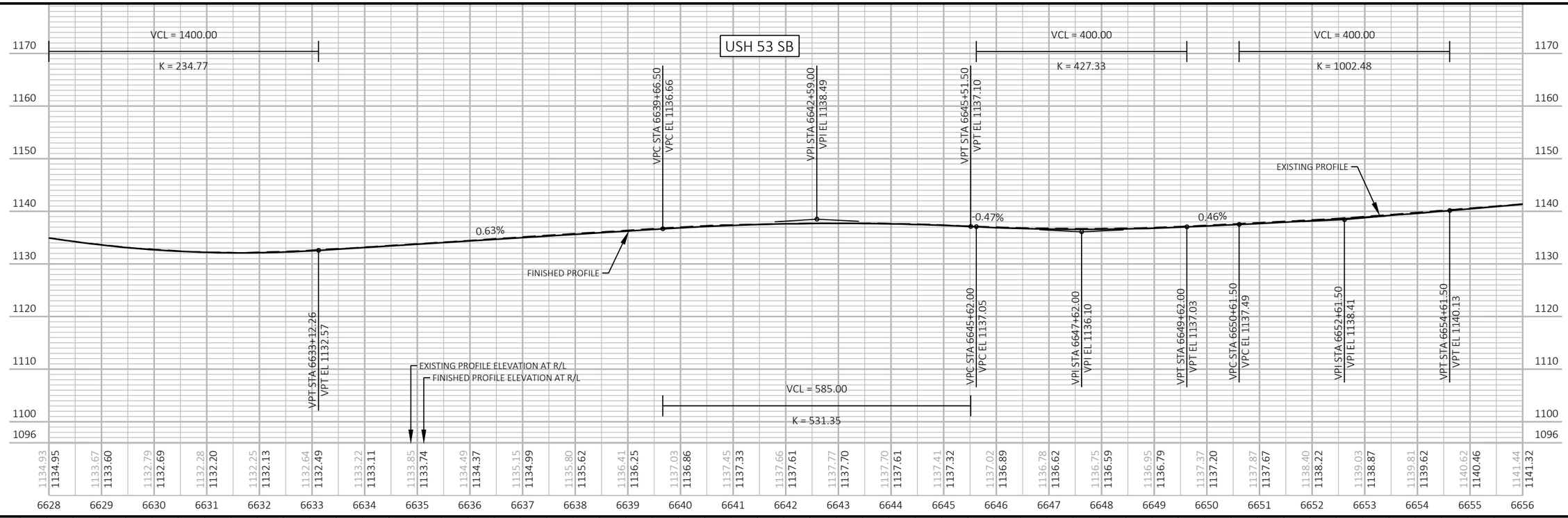
5

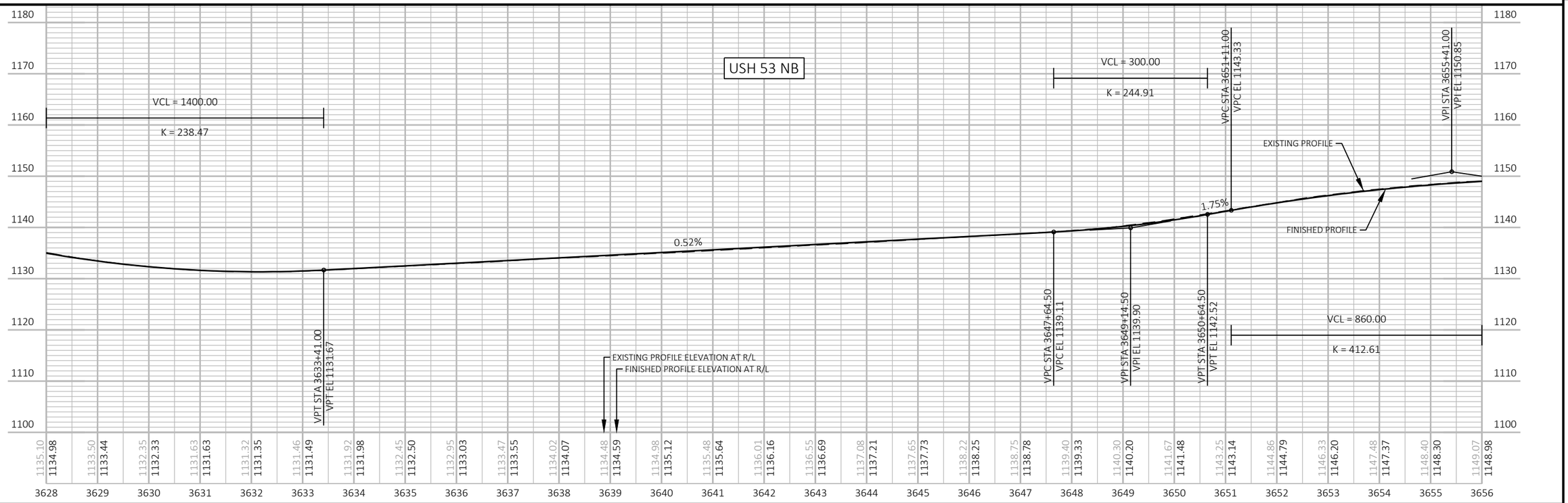
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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 236	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 07

PLOT DATE : 4/8/2022 8:49 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 237	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 08
PLOT DATE : 4/8/2022 8:49 AM
PLOT BY : ADMIN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

CEMSTONE READY-MIX INC

STAGE 4
STA 6656+97, LT&RT
EXISTING 24" CPRC TO REMAIN
REMOVE EXISTING ENDWALLS, LT & RT
2-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

CURVE NO. 3
PI STA = 6650+47.49
Y = 560786.92
X = 749204.04
PC STA = 6640+35.71
Y=559979.01
X=749813.12
PT STA = 6659+80.41
Y=561798.08
X=749239.62
DELTA = 39°01'39"
D = 2°00'25"
T = 1011.78'
L = 1944.71'
R = 2855.00'
EXISTING SE = 4.8%
PROPOSED SE = 5.5%
SE TRANSITION (T) = 225'
RO (RUNOFF) = 165'

CEMSTONE READY-MIX INC

STAGE 4
STA 6671+07, FROM AEW TO 90' LT
DITCH CLEANING

STAGE 1
STA 6674+07, RT
EXISTING INLET TO REMAIN
1-COVER PLATE TEMPORARY REQ'D

STAGE 3
STA 6674+07, RT
REMOVE TEMPORARY COVER PLATE
(INCIDENTAL TO ITEM)

STAGE 4
STA 6674+07, LT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
MARKERS FOR CULVERT END REQ'D

PAUL W SZMANDA
JEFFERY W HELLER

T 39 N R 12 W
33
4
T 38 N R 12 W

DO NOT DISTURB

STAGE 4
STA 6683+06, LT&RT
EXISTING 30" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 6683+06 - STA 6683+31, LT
DITCH CLEANING

ASTREA
(COMMUNICATION)

BARRON ELECTRIC
(ELECTRIC)

EX R/W

PT: 6659+80.41

PT: 3665+59.00

5

655 CURVE 3 6660 6665 N2° 00' 54"E 6670 USH 53 SB 6675 6680 6685

3655 CURVE 4 3660 3665 N2° 00' 54"E 3670 USH 53 NB 3675 3680 3685

5

11-1

EX R/W

EX R/W

STAGE 2
STA 3656+54, RT
EXISTING INLET TO REMAIN

STA 3656+54, LT&RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, LT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

ARTHUR A JACOBS
ELLEN A JACOBS

CURVE NO. 4
PI STA = 3650+61.09
Y = 560810.53
X = 749278.92
PC STA = 3634+36.57
Y=559513.35
X=750256.86
PT STA = 3665+59.00
Y=562434.04
X=749336.04
DELTA = 39°01'39"
D = 1°15'00"
T = 1624.52'
L = 3122.43'
R = 4584.00'
EXISTING SE = 3.4%
PROPOSED SE = 4.0%
SE TRANSITION (T) = 180'
RO (RUNOFF) = 120'

JOHN R LECKEL
NANCY K LECKEL

STAGE 2/4
STA 3670+45, LT&RT
EXISTING 36" CPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 1
STA 3675+66, LT
1-TEMPORARY INLETS MEDIAN 1 GRATE REQ'D
1-TEMPORARY INLET COVER TYPE MS REQ'D

STA 3675+66 - STA 3677+96, LT
TEMPORARY SSPRC CLASS IV 18-INCH REQ'D
1-AEW REQ'D

STAGE 3
STA 3675+66 - STA 3677+96, LT
REMOVE TEMPORARY STORM SEWER ITEMS
(INCIDENTAL TO ITEMS)

STAGE 3
STA 6682+15, RT
1-TEMPORARY INLETS MEDIAN 1 GRATE REQ'D
1-TEMPORARY INLET COVER TYPE MS REQ'D

STA 6682+15 - STA 6683+05, RT
TEMPORARY SSPRC CLASS IV 18-INCH REQ'D
TIE TO EXISTING INLET AT STA 6683+05, RT

STA 6683+05, RT
EXISTING INLET TO REMAIN
1-COVER PLATE TEMPORARY REQ'D

STAGE 5
STA 6682+15 - STA 6683+05, RT
REMOVE TEMPORARY STORM SEWER ITEMS (INCIDENTAL TO ITEMS)

STA 6683+05, RT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
SSPRC CLASS III CONNECTIONS 30-INCH
2-CONCRETE COLLAR REQ'D

JOHN R LECKEL
NANCY K LECKEL

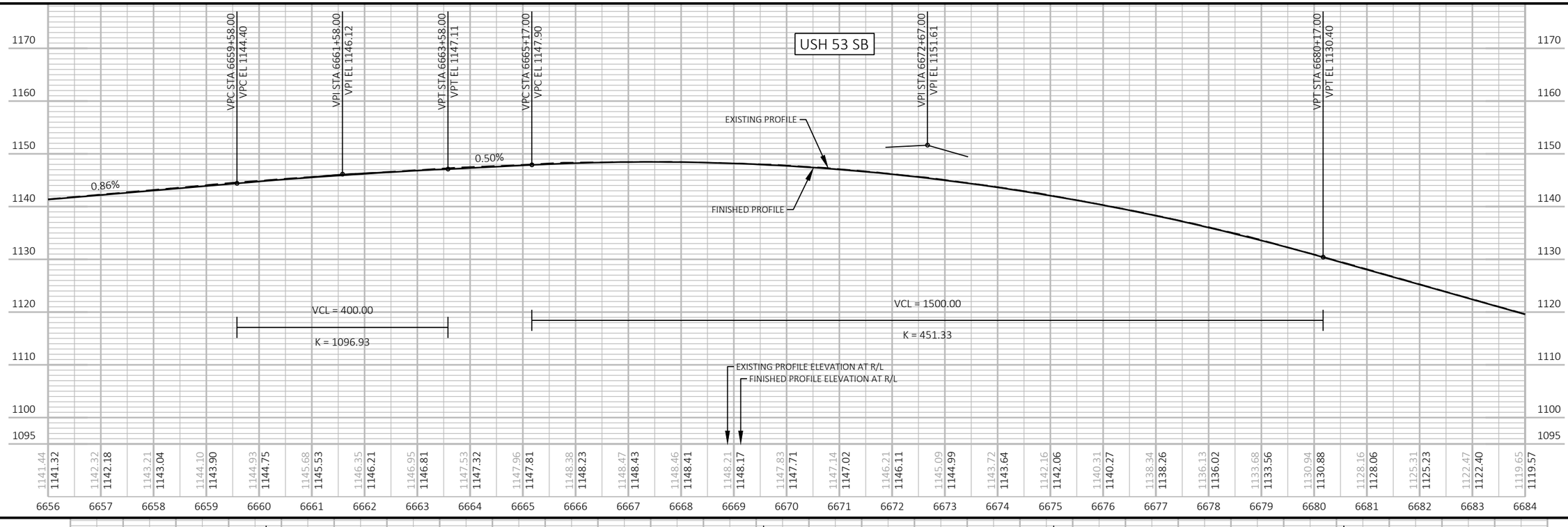
STAGE 2
STA 3682+45, LT&RT
EXISTING 30" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, RT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

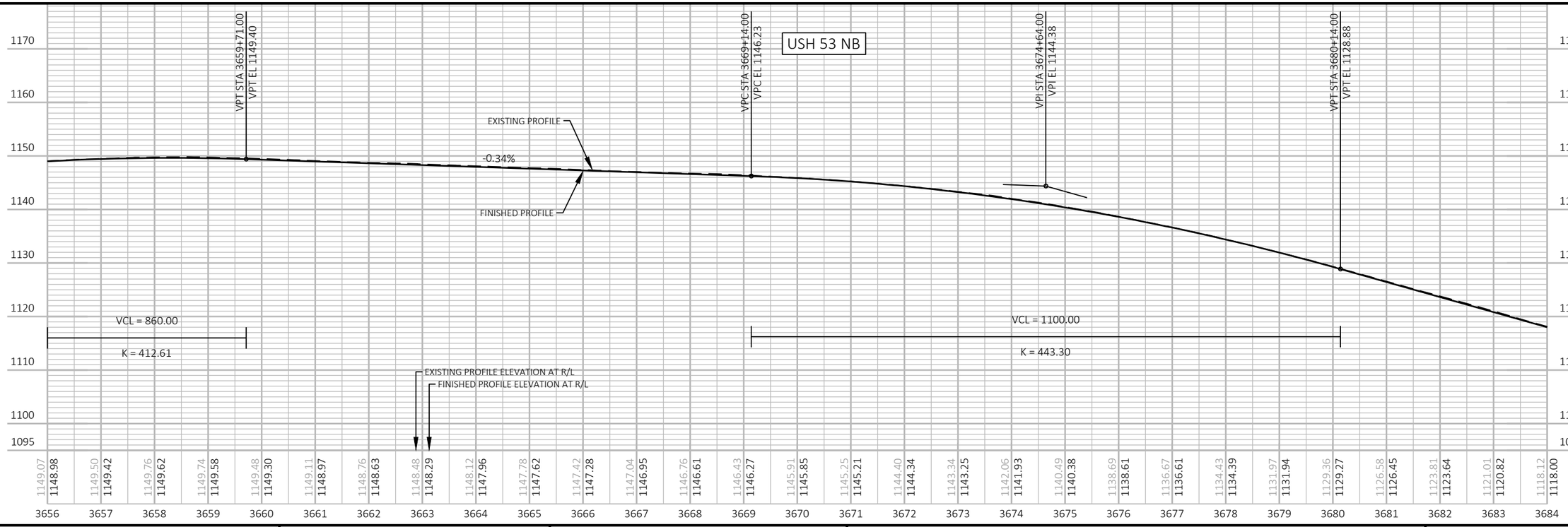
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 238	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 09

PLOT DATE : 4/8/2022 8:50 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 239	E

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
613	254+10.86, 23.17' RT	BM CUT X-SQ	1111.18
614	256+39.32, 43.21' LT	BM CUT X-SQ	1112.35

T 39 N R 12 W
33
4
T 38 N R 12 W

DO NOT DISTURB

BARRON ELECTRIC (ELECTRIC)

EX R/W

STAGE 4
STA 6690+05, LT&RT
EXISTING 30" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

ASTREA (COMMUNICATION)

STAGE 5
STA 6696+04, RT
RECONSTRUCTING INLETS

STAGE 4
STA 6696+04, LT&RT
EXISTING 30" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 6695+97 - STA 6696+77, LT
DITCH CLEANING

JEFFERY W HELLER
PAUL W SZMANDA

SEE STH 70 PLAN FOR SHOULDER WORK OUTSIDE PVT REPLACEMENT LIMITS

WE ENERGIES (GAS)

BEGIN CONSTRUCTION STA 248+75"EB"

EX R/W

STH 70 EB

STH 70 WB

SPECTRUM (COMMUNICATION)

LUMEN (COMMUNICATION)

BEGIN CONSTRUCTION STA 248+75"WB"

CINC (COMMUNICATION)

REGENTS OF UNIV WISC

N

CAUTION

STAGE 4
STA 6704+95, LT&RT
EXISTING 30" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 4
STA 6711+08, LT&RT
EXISTING 42" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, LT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 6711+08 FROM AEW TO 76' LT
DITCH CLEANING

USH 53 SB/STH 70 ENTRANCE

USH 53 SB/STH 70 EXIT

PI: 6705+17.28

Y = 566332.142
X = 749399.136

11-3

11-4

BM 613

6685 6690 USH 53 SB 6695 6700 N2° 00' 54"E N2° 00' 25"E 6705 6710

3685 3690 USH 53 NB 3695 3700 N2° 00' 54"E 3705 N2° 00' 25"E 3710

11-1

EX R/W

JOHN R LECKEL
NANCY K LECKEL

USH 53 NB/STH 70 EXIT

USH 53 NB/STH 70 ENTRANCE

CAUTION

NGS

CP #602
Y = 565,085.72
X = 749,501.32
ELEV = 1096.16
NGS SPOONER GPS BRASS DISK FND
(DO NOT DISTURB)

BM 614

B-65-30
CONCRETE OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

Y = 566329.545
X = 749473.090

PI: 3704+56.91

11-2

EX R/W

STAGE 2
STA 3689+45, LT
EXISTING INLET TO REMAIN

STA 3689+45, LT&RT
EXISTING 30" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

JOHN R LECKEL
NANCY K LECKEL

THOMAS H ROTHSTEIN

STAGE 2/4
STA 3695+35, LT&RT
EXISTING 30" CPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3695+43, LT&RT
EXISTING 30" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

END CONSTRUCTION STA 260+46"EB"

END CONSTRUCTION STA 260+18"WB"

STH 70 EB

STH 70 WB

EX R/W

SPECTRUM (COMMUNICATION)

LUMEN (COMMUNICATION)

SEE STH 70 PLAN FOR SHOULDER WORK OUTSIDE PVT REPLACEMENT LIMITS

CORNERSTONE CHRISTIAN CHURCH

ROBERT J MITCHELL
KAREN R MITCHELL

BARRON ELECTRIC (ELECTRIC)

STAGE 2
STA 3704+23, LT
EXISTING INLET TO REMAIN

STA 3704+13, LT&RT
EXISTING 30" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, RT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STATION & OFFSET TABLE (RAMP GORES)			
POINT NUMBER	STATION	OFFSET	REMARKS
11-1	3685+65.20	RT	RADIIUS 6'
11-2	3706+30.65	RT	RADIUS 3'
11-3	6688+25.14	LT	RADIUS 3'
11-4	6709+58.85	LT	RADIUS 6'

STAGE 1
STA 3707+48 - STA 3710+46, LT
TEMPORARY SSPRC CLASS III 18-INCH REQ'D
TIE TO EXISTING INLET AT 3710+46, LT
1-TEMPORARY AEW REQ'D

STA 3710+46, LT
1-COVER PLATE TEMPORARY REQ'D

STAGE 2
STA 3710+45, LT&RT
REMOVING STORM SEWER 42-INCH
SSPRC CLASS III 42-INCH REQ'D
1-AEW REQ'D
TEMPORARY SSPRC CLASS III 42-INCH CONNECTION REQ'D,
TIE TO EXISTING INLET AT STA 3710+46, LT
MARKERS FOR CULVERT END REQ'D

STAGE 3
STA 3707+48 - STA 3710+46, LT
REMOVE TEMPORARY STORM SEWER ITEMS
(INCIDENTAL TO ITEMS)

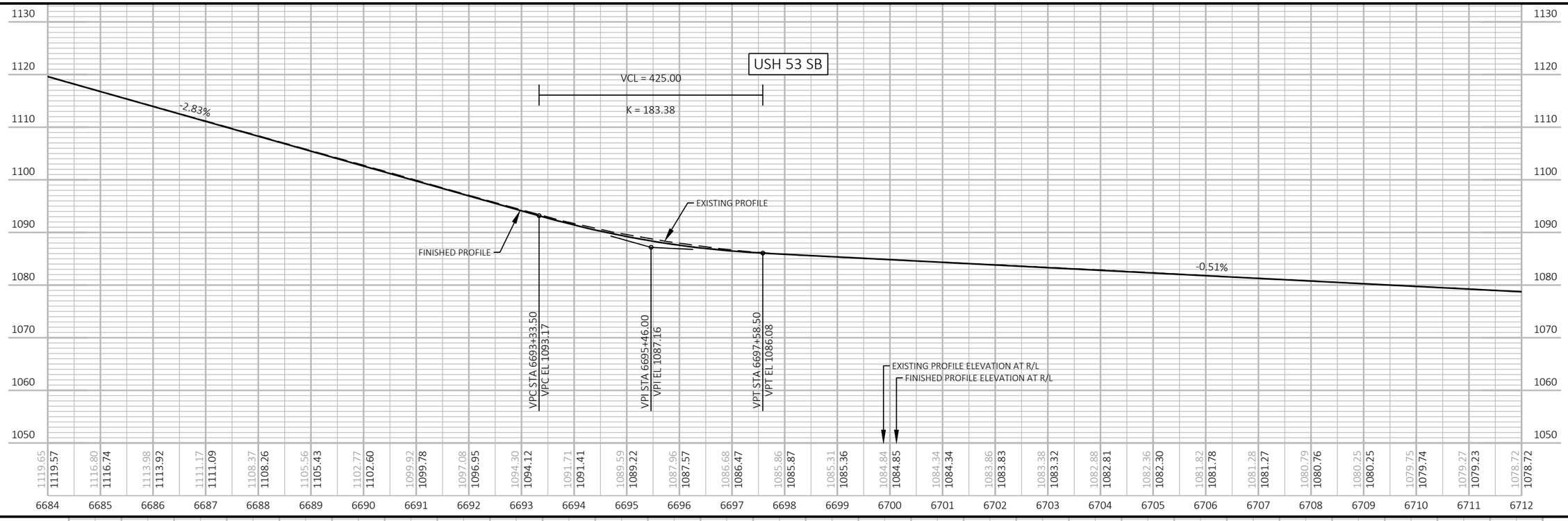
STAGE 3
STA 3710+46, LT
REMOVE TEMPORARY 42-INCH STORM SEWER CONNECTION
(INCIDENTAL TO ITEM)
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 42-INCH
SSPRC CLASS III 42-INCH CONNECTIONS REQ'D
1-CONCRETE COLLAR REQ'D

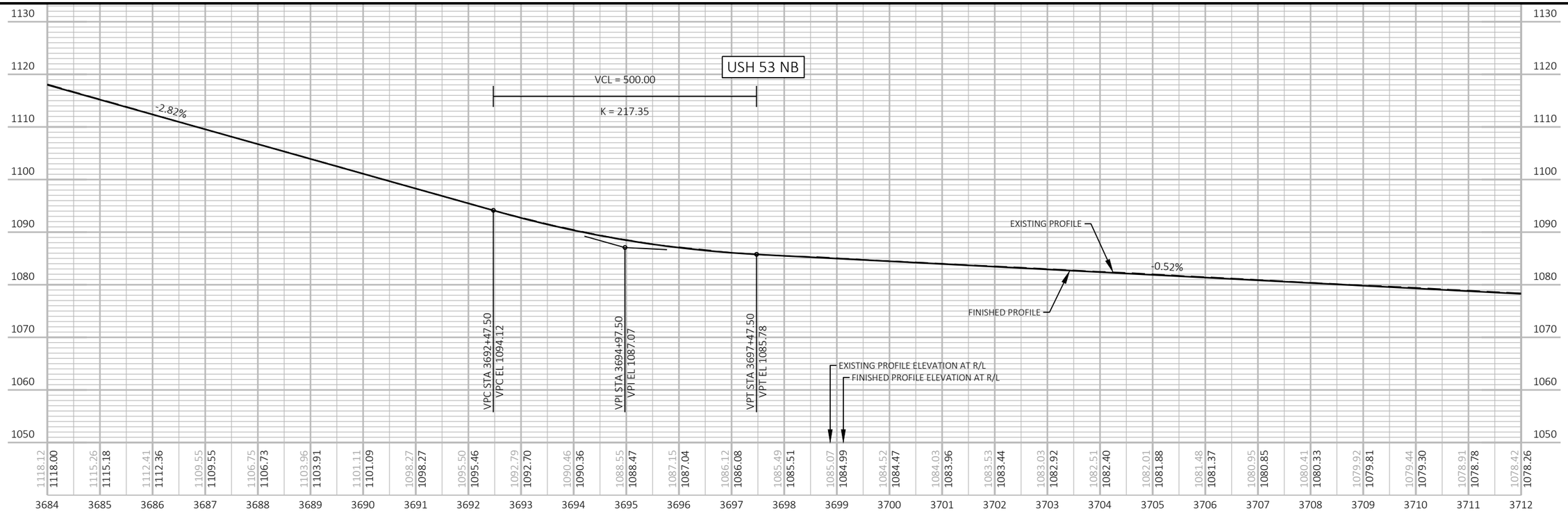
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 240	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 11

PLOT DATE : 4/8/2022 8:51 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





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5

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 241	E

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

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BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
615	3722+03.62, 23.18' RT	BM 7C08 BRASS DISK IN WINGWALL	1082.39
616	3721+25.71, 21.12' RT	BM ALUM CAP IN BRIDGE DECK	1079.08
617	3720+83.84, 95.10' LT	BM ALUM CAP IN BRIDGE DECK	1077.84

REGENTS OF UNIV WISC

STAGE 4
STA 6717+05, LT&RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 6717+05, FROM AEW TO 75' LT
DITCH CLEANING

STAGE 1
STA 6721+32, LT
REMOVING SURFACE DRAINS
ASPHALTIC SURFACE TEMPORARY
ASPHALTIC CURB
ASPHALTIC FLUME

STA 6721+43, RT
REMOVING SURFACE DRAINS
ASPHALTIC SURFACE TEMPORARY
ASPHALTIC CURB
ASPHALTIC FLUME

STA 6721+37, LT
REMOVING STORM SEWER 12-INCH
(LT OF ROADWAY)

STAGE 4
STA 6721+37, LT & RT
REMOVING STORM SEWER 12-INCH

STA 6721+14, LT
CONCRETE SURFACE DRAINS (FLUME TYPE)

STA 6721+20, RT
CONCRETE SURFACE DRAINS (FLUME TYPE)

(SEE EROSION CONTROL PLANS FOR RIPRAP AT SURFACE DRAINS)

STAGE 5
STA 6722+74, RT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
SSPRC CLASS III 24-INCH CONNECTION REQ'D
1-CONCRETE COLLAR REQ'D

STAGE 4
STA 6722+71, LT&RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 4
STA 6725+46, RT
1-INLETS MEDIAN 1 GRATE REQ'D
1-INLET COVER TYPE MS REQ'D

STA 6725+46, LT&RT
SSPRC CLASS III 18-INCH REQ'D
1-AEW REQ'D
MARKERS FOR CULVERT END REQ'D

CURVE NO. 5
PI STA = 6733+72.38
Y = 569185.48
X = 749499.12
PC STA = 6725+18.34
Y=568331.97
X=749469.21
PT STA = 6741+98.99
Y=569971.03
X=749164.02
DELTA = 25°06'33"
D = 1°29'38"
T = 854.03'
L = 1680.64'
R = 3835.00'
EXISTING SE = 4.0%
PROPOSED SE = 4.6%
SE TRANSITION (T) = 198'
RO (RUNOFF) = 138'

REGENTS OF UNIV WISC

STAGE 4
STA 6729+99, RT
EXISTING INLET TO REMAIN

STA 6729+99, LT&RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, LT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

FRED J SIMETH

OJIBWA RD

BP: 280+00.00

P.I.: 6741+98.99

EX R/W

BEGIN CONSTRUCTION
STA 282+88

ASTREA
(COMMUNICATION)

B-65-22
CONCRETE OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

B-65-23
CONCRETE OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

YELLOW RIVER

PC: 6725+18.34

PC: 3724+78.87

N2° 00' 25"E

USH 53 SB

USH 53 NB

CURVE 5

CURVE 6

BM617

BM616

BM615

6715

6720

6725

6730

6735

6740

3715

3720

3725

3730

3735

3740

285

13-1

13-2

13-3

END CONSTRUCTION
STA 285+74

TIMOTHY C FOSS

EP: 289+00.00

STAGE 2
STA 3739+21, LT
EXISTING INLET TO REMAIN

STA 3739+11, LT&RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2/4
STA 3713+29, LT&RT
EXISTING 30" CPRC TO REMAIN
REMOVE EXISTING ENDWALL, RT
1-AEW, RT REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

ROBERT J MITCHELL
KAREN R MITCHELL

SEE CONSTRUCTION DETAILS FOR STAGING OF GUARDRAIL REMOVALS AND TEMPORARY AND ULTIMATE GUARDRAIL INSTALLATIONS AT THE YELLOW RIVER BRIDGES

STAGE 2
STA 3720+97, LT
REMOVING SURFACE DRAINS

STA 3721+11, RT
REMOVING SURFACE DRAINS

STA 3721+03, LT & RT
REMOVING STORM SEWER 12-INCH

STA 3720+74, LT
CONCRETE SURFACE DRAINS (FLUME TYPE)

STA 3720+72, RT
CONCRETE SURFACE DRAINS (FLUME TYPE)

(SEE EROSION CONTROL PLANS FOR RIPRAP AT SURFACE DRAINS)

CURVE NO. 6
PI STA = 3733+33.71
Y = 569204.58
X = 749573.84
PC STA = 3724+78.87
Y=568350.26
X=749543.90
PT STA = 3741+60.91
Y=569990.36
X=749237.23
DELTA = 25°11'45"
D = 1°29'53"
T = 854.84'
L = 1682.05'
R = 3825.00'
EXISTING SE = 4.0%
PROPOSED SE = 4.6%
SE TRANSITION (T) = 198'
RO (RUNOFF) = 138'

REGENTS OF UNIV WISC

ELVINA GAGNER

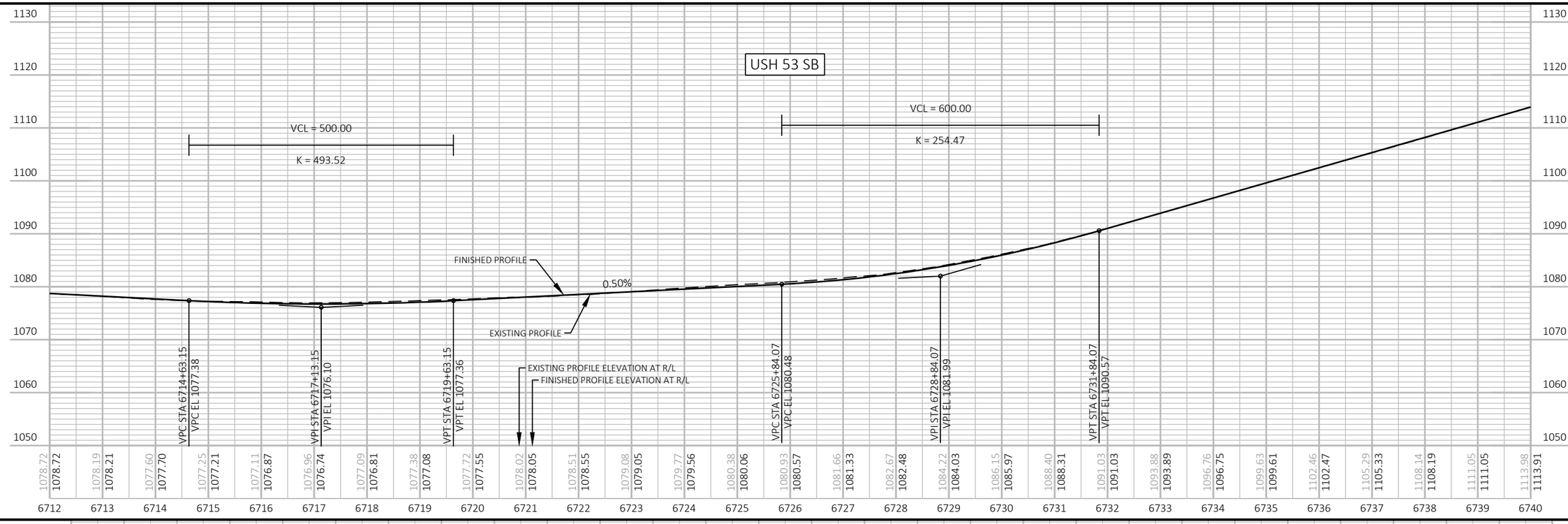
STATION & OFFSET TABLE (TURN LANES)			
POINT NUMBER	STATION	OFFSET	REMARKS
13-1	3733+52.58	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
13-2	3734+02.62	RT	BEGIN EOP TAPER
13-3	3734+77.61	RT	END EOP TAPER

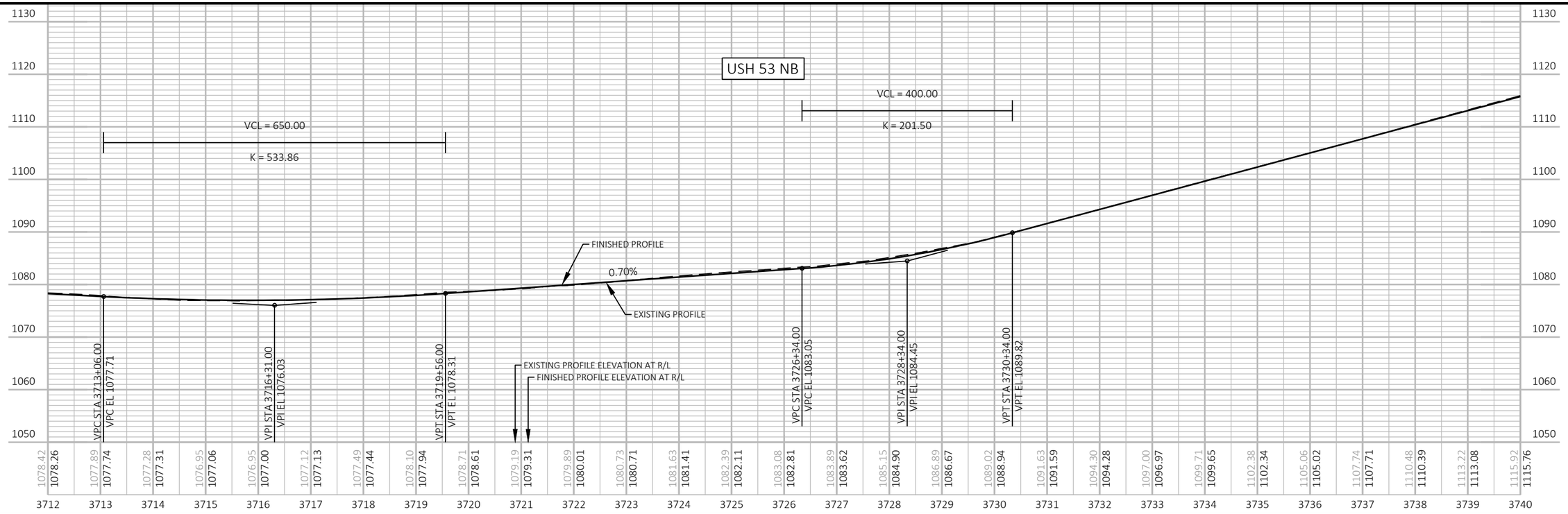
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 242	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 13

PLOT DATE : 4/8/2022 8:51 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 243	E

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

STATION & OFFSET TABLE (TURN LANES)			
POINT NUMBER	STATION	OFFSET	REMARKS
15-1	6742+71.31	LT	BEGIN EOP TAPER
15-2	6743+46.31	LT	END EOP TAPER
15-3	6743+96.31	LT	SHOULDER PAVEMENT STRUCTURE CHANGE

CURVE NO. 5
PI STA = 6733+72.38
Y = 569185.48
X = 749499.12
PC STA = 6725+18.34
Y=568331.97
X=749469.21
PT STA = 6741+98.99
Y=569971.03
X=749164.02
DELTA = 25°06'33"
D = 1°29'38"
T = 854.03'
L = 1680.64'
R = 3835.00'
EXISTING SE = 4.0%
PROPOSED SE = 4.6%
SE TRANSITION (T) = 198'
RO (RUNOFF) = 138'

STAGE 4
STA 6750+00, LT&RT
EXISTING 30" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 6749+73, FROM AEW TO 81' LT
DITCH CLEANING

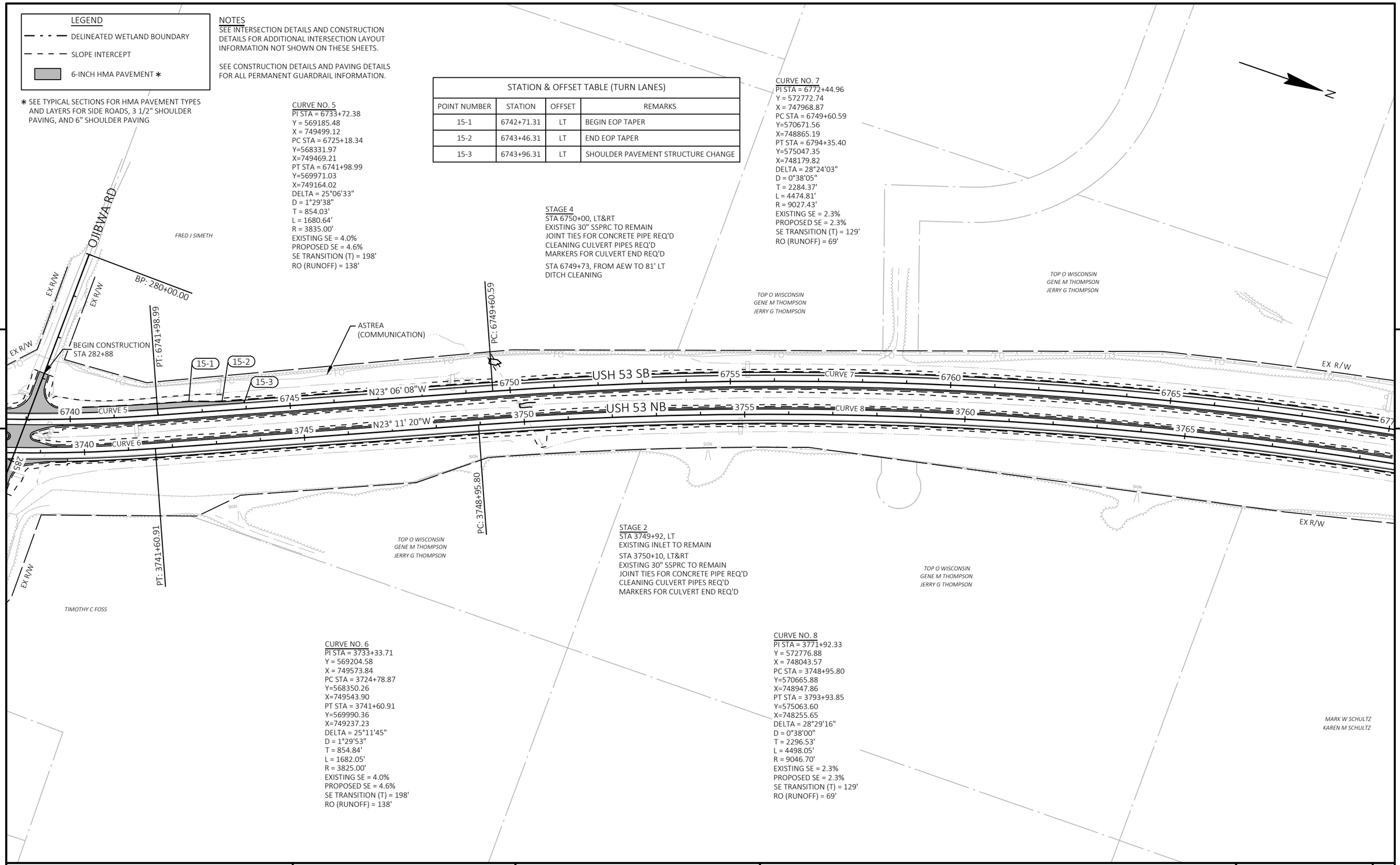
CURVE NO. 7
PI STA = 6772+44.96
Y = 572772.74
X = 747968.87
PC STA = 6749+60.59
Y=570671.56
X=748865.19
PT STA = 6794+35.40
Y=575047.35
X=748179.82
DELTA = 28°24'03"
D = 0°38'05"
T = 2284.37'
L = 4474.81'
R = 9027.43'
EXISTING SE = 2.3%
PROPOSED SE = 2.3%
SE TRANSITION (T) = 129'
RO (RUNOFF) = 69'

STAGE 2
STA 3749+92, LT
EXISTING INLET TO REMAIN

STA 3750+10, LT&RT
EXISTING 30" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

CURVE NO. 6
PI STA = 3733+33.71
Y = 569204.58
X = 749573.84
PC STA = 3724+78.87
Y=568350.26
X=749543.90
PT STA = 3741+60.91
Y=569990.36
X=749237.23
DELTA = 25°11'45"
D = 1°29'53"
T = 854.84'
L = 1682.05'
R = 3825.00'
EXISTING SE = 4.0%
PROPOSED SE = 4.6%
SE TRANSITION (T) = 198'
RO (RUNOFF) = 138'

CURVE NO. 8
PI STA = 3771+92.33
Y = 572776.88
X = 748043.57
PC STA = 3748+95.80
Y=570665.88
X=748947.86
PT STA = 3793+93.85
Y=575063.60
X=748255.65
DELTA = 28°29'16"
D = 0°38'00"
T = 2296.53'
L = 4498.05'
R = 9046.70'
EXISTING SE = 2.3%
PROPOSED SE = 2.3%
SE TRANSITION (T) = 129'
RO (RUNOFF) = 69'

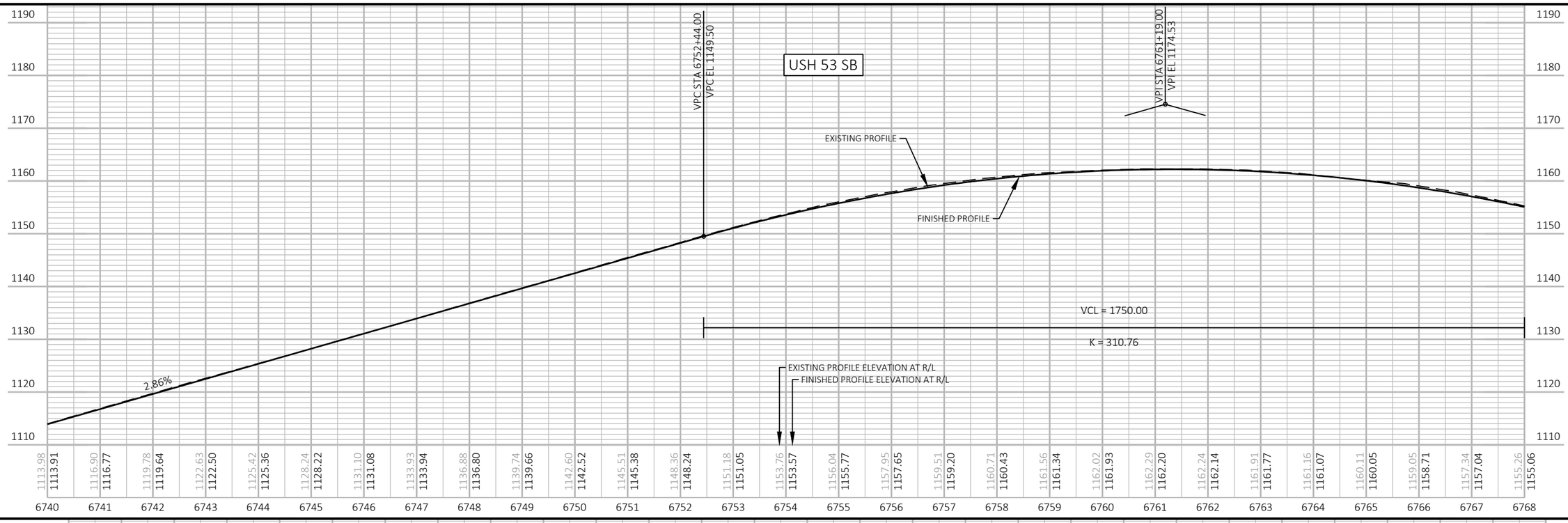


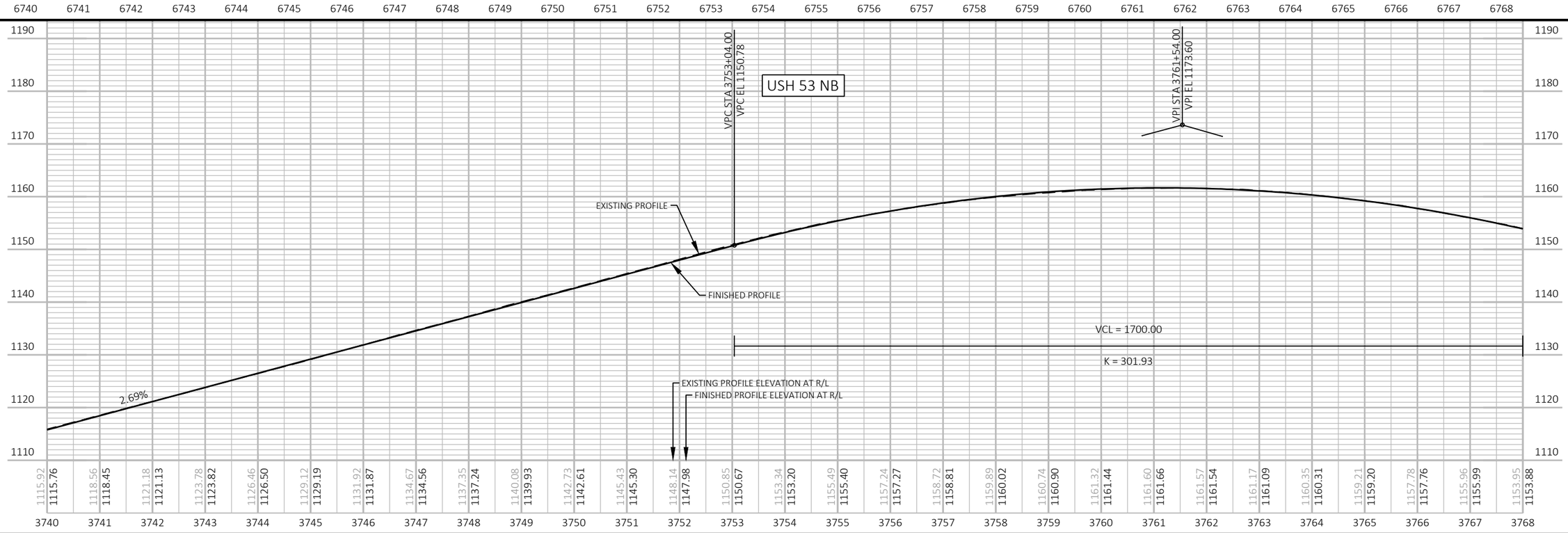
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 244	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 15

PLOT DATE : 4/8/2022 8:52 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 245	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 16

PLOT DATE : 4/8/2022 8:52 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

CURVE NO. 7
PI STA = 6772+44.96
Y = 572772.74
X = 747968.87
PC STA = 6749+60.59
Y=570671.56
X=748865.19
PT STA = 6794+35.40
Y=575047.35
X=748179.82
DELTA = 28°24'03"
D = 0°38'05"
T = 2284.37'
L = 4474.81'
R = 9027.43'
EXISTING SE = 2.3%
PROPOSED SE = 2.3%
SE TRANSITION (T) = 129'
RO (RUNOFF) = 69'

STAGE 2
STA 6794+89, RT
1- COVER PLATE TEMPORARY REQ'D

STAGE 5
STA 6794+89, RT
REMOVE TEMPORARY COVER PLATE (INCIDENTAL TO ITEM)
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
SSPRC CLASS III 24-INCH CONNECTION
1-CONCRETE COLLAR REQ'D

STAGE 4
STA 6794+81, LT&RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 4
STA 6779+76, LT&RT
EXISTING 30" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 4
STA 6782+70, LT&RT
EXISTING 30" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3773+26, LT
EXISTING INLET TO REMAIN

STA 3773+25, LT&RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 3773+24 - STA 3773+44, RT
DITCH CLEANING

STAGE 2
STA 3779+72, LT
EXISTING INLET TO REMAIN

STA 3780+53, LT&RT
EXISTING 30" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3782+16, LT
EXISTING INLET TO REMAIN

STA 3782+16, LT&RT
EXISTING 30" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, RT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

CURVE NO. 8
PI STA = 3771+92.33
Y = 572776.88
X = 748043.57
PC STA = 3748+95.80
Y=570665.88
X=748947.86
PT STA = 3793+93.85
Y=575063.60
X=748255.65
DELTA = 28°29'16"
D = 0°38'00"
T = 2296.53'
L = 4498.05'
R = 9046.70'
EXISTING SE = 2.3%
PROPOSED SE = 2.3%
SE TRANSITION (T) = 169'
RO (RUNOFF) = 69'

CP #527
Y = 573,778.03
X = 748,334.58
ELEV = 1119.38
FENO 1000 W/ALUMINUM CAP SET

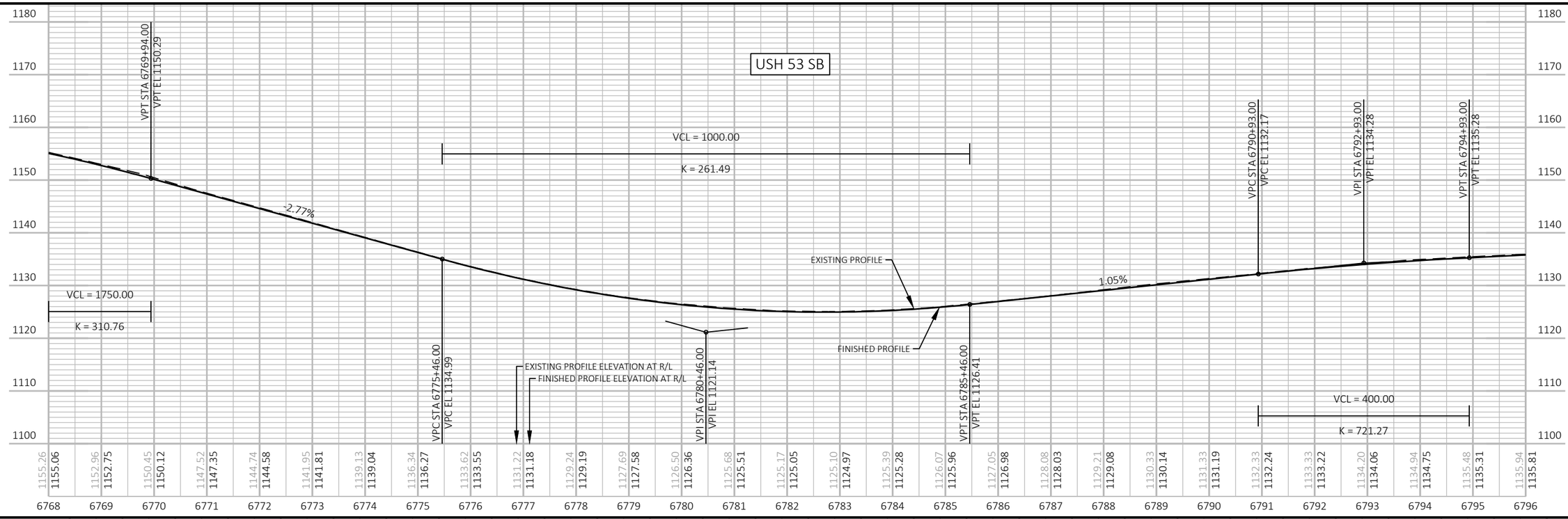
STATION & OFFSET TABLE (TURN LANES)			
POINT NUMBER	STATION	OFFSET	REMARKS
17-1	3775+24.16	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
17-2	3775+74.59	RT	BEGIN EOP TAPER
17-3	3776+49.49	RT	END EOP TAPER
17-4	3786+95.38	RT	SHOULDER PAVEMENT STRUCTURE CHANGE
17-5	3787+45.36	RT	BEGIN EOP TAPER
17-6	3788+20.38	RT	END EOP TAPER
17-7	3787+44.11	LT	SHOULDER PAVEMENT STRUCTURE CHANGE
17-8	3787+57.96	LT	BEGIN EOP TAPER
17-9	3788+94.11	LT	END EOP TAPER

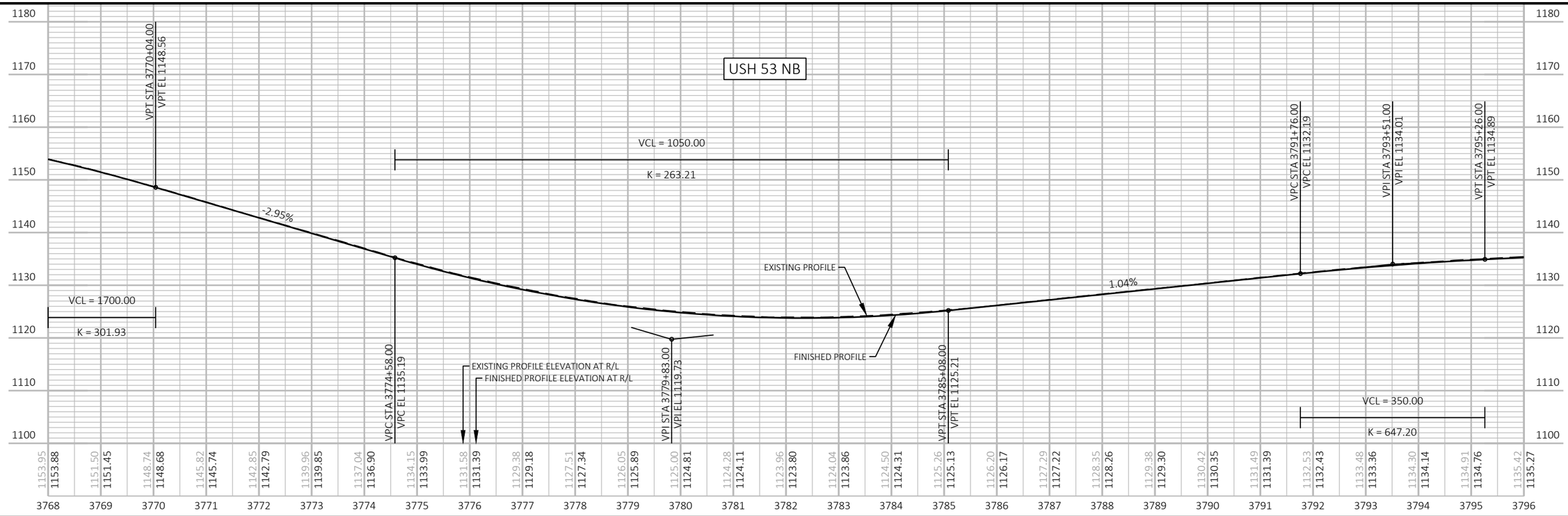
ERIK R RUPORT
NICOLLE JANICE RUPORT
ROBERT G RUPORT
MARY L KRIEG
DAVID MAJESKI
MARVIN E YARDLEY
CINDY L YARDLEY
MARK W SCHULTZ
KAREN M SCHULTZ
JAMAR COMPANY

ASTREA (COMMUNICATION)
BARRON ELECTRIC (ELECTRIC)
LUMEN (COMMUNICATION)
BASE AGG PE
BP: 290+00.00
BP: 300+00.00
BEGIN CONSTRUCTION STA 301+51
END CONSTRUCTION STA 291+63
END CONSTRUCTION STA 304+56
EP: 294+00.00
EP: 307+00.00
PT: 6794+35.40
PT: 3793+93.85
USH 53 NB
USH 53 SB
CTH H
BITTERSWEET DR
BEAR PATH LN
EX R/W
N5° 17' 56"E

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 246	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 17
PLOT DATE : 10/17/2022 10:23 AM
PLOT BY : LINDSEY CHANNEL
PLOT NAME :
PLOT SCALE : 1 IN:200 FT





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 247	E

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

STATION & OFFSET TABLE (TURN LANES)

POINT NUMBER	STATION	OFFSET	REMARKS
19-1	6798+23.72	LT	BEGIN EOP TAPER
19-2	6798+98.72	LT	END EOP TAPER
19-3	6799+48.72	LT	SHOULDER PAVEMENT STRUCTURE CHANGE
19-4	6798+82.12	RT	BEGIN EOP TAPER
19-5	6800+19.62	RT	END EOP TAPER
19-6	6800+32.12	RT	SHOULDER PAVEMENT STRUCTURE CHANGE

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
610	3822+53.15, 23.18' RT	BM CUT SQ-X	1166.16
611	3824+74.00, 97.18' LT	BM CUT SQ-X	1170.66

STAGE 2
STA 6795+62, RT
1-TEMPORARY INLETS MEDIAN 1 GRATE REQ'D
1-TEMPORARY INLET COVER TYPE MS REQ'D

STA 6794+89 - STA 6795+62, RT
TEMPORARY SSPRC CLASS IV 18-INCH REQ'D
TIE TO EXISTING INLET AT STA 6794+89, RT

STA 6795+62 - STA 6798+97, RT
TEMPORARY SSPRC CLASS IV 18-INCH REQ'D
1-AEW REQ'D

STAGE 5
STA 6794+89 - STA 6798+97, RT
REMOVE TEMPORARY STORM SEWER ITEMS
(INCIDENTAL TO ITEMS)

STAGE 4
STA 6803+80, RT
EXISTING INLET TO REMAIN

STA 6803+80, LT&RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 4
STA 6821+85, LT
REMOVING SURFACE DRAINS

STA 6822+31, RT
REMOVING SURFACE DRAINS

STA 6821+84, LT & RT
REMOVING STORM SEWER 12-INCH

STA 6821+69, LT
CONCRETE SURFACE DRAINS (FLUME TYPE)

STA 6822+09, RT
CONCRETE SURFACE DRAINS (FLUME TYPE)

(SEE EROSION CONTROL PLANS FOR RIPRAP AT SURFACE DRAINS)

SEE USH 63 PLANS FOR SHOULDER WORK OUTSIDE PVT REPLACEMENT LIMITS

BEGIN CONSTRUCTION STA 6815+19"BB"

BEGIN CONSTRUCTION STA 3815+25"CC"

CP #526
Y = 577,558.01
X = 748,356.55
ELEV = 1147.51
FENO 1000 W/ALUMINUM CAP SET

Y = 577783.212
X = 748433.563

Y = 577776.315
X = 748507.241

PI: 6821+83.01

PI: 3821+18.21

B-65-25
POLYMER OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

B-65-24
POLYMER OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

STAGE 2
STA 3822+00, LT
REMOVING SURFACE DRAINS

STA 3822+45, RT
REMOVING SURFACE DRAINS

STA 3822+45, LT & RT
REMOVING STORM SEWER 12-INCH

STA 3821+76, LT
CONCRETE SURFACE DRAINS (FLUME TYPE)

STA 3822+06, RT
CONCRETE SURFACE DRAINS (FLUME TYPE)

(SEE EROSION CONTROL PLANS FOR RIPRAP AT SURFACE DRAINS)

STAGE 2
STA 3812+14, LT
EXISTING INLET TO REMAIN

STA 3812+14, LT&RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

SEE CONSTRUCTION DETAILS FOR STAGING OF GUARDRAIL REMOVALS AND TEMPORARY AND ULTIMATE GUARDRAIL INSTALLATIONS AT THE USH 63 BRIDGES

ASTREA (COMMUNICATION)

WILD RIVERS STATE TRAIL

USH 63

USH 53 NB&SB/USH 63 ENTRANCE

USH 53 SB/USH 63 EXIT

USH 53 NB/USH 63 EXIT

WISCONSIN GREAT NORTHERN RAILROAD

USH 53 SB

USH 53 NB

BM 611

BM 610

WASHBURN CO HIGHWAY

CITY OF SPOONER

MATHY CONSTRUCTION COMPANY

MATHY CONSTRUCTION COMPANY

JAMAR COMPANY

NIKOLAIE BULIK

RICHARD G ANDERSON
BARBARA J ANDERSON

DAVID P BAKER
BLANCHE M BAKER

JERALDYNE ANDERSON

RAYMOND V KNUTSON

RAYMOND V KNUTSON
SHIRLEY ANN KNUTSON

VICKI L MARTIN
DEAN V MARTIN

RANDALL J PILLAR TRUST
CONNIE L PILLAR TRUST

SPOONER GOLF CLUB INC

EX R/W

19-1 19-2 19-3 19-4 19-5 19-6

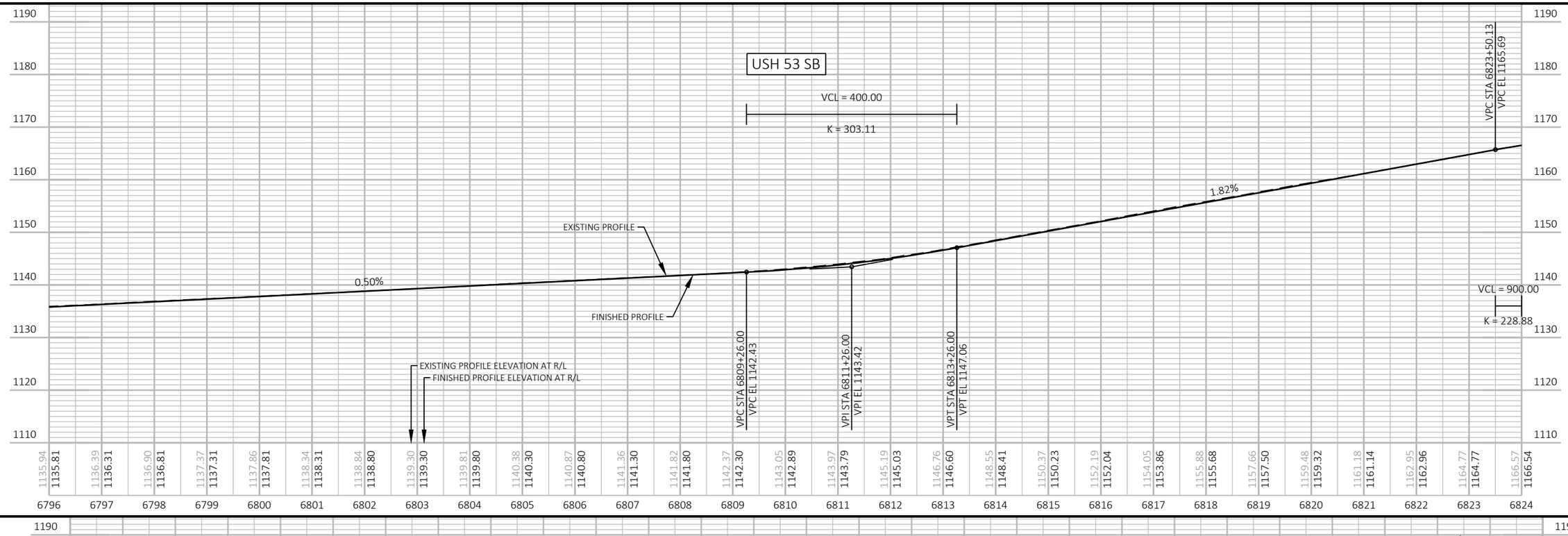
N5° 17' 56"E N5° 23' 44"E

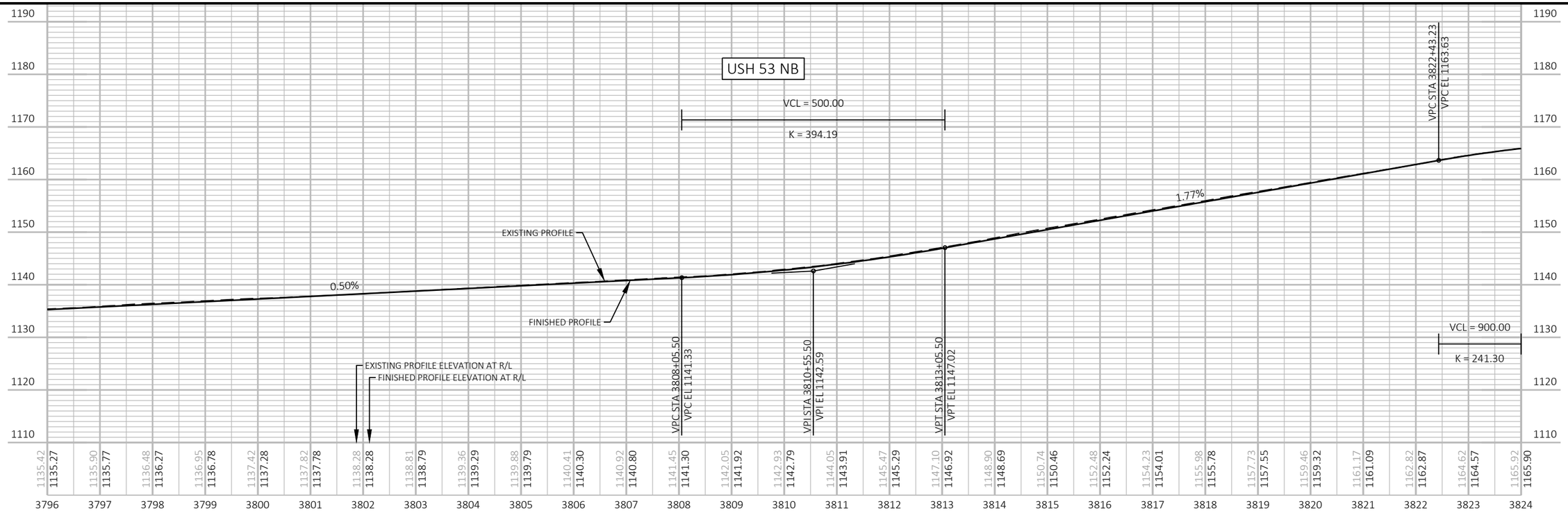
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 248 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 19

PLOT DATE : 4/8/2022 8:53 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 249	E

LEGEND

- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- 6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

SEE PAVING DETAILS FOR ADDITIONAL GORE AND RAMP LAYOUT INFORMATION AT USH 53 AND USH 63 RAMPS.

STAGE 4
STA 6826+47, RT
EXISTING INLET TO REMAIN

STA 6826+48, LT&RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 1
STA 3834+82 , LT
1-TEMPORARY INLETS MEDIAN 1 GRATE REQ'D
1-TEMPORARY INLET COVER TYPE MS REQ'D

STA 3834+82 - STA 3836+55, LT
TEMPORARY SSPRC CLASS III-A 18-INCH REQ'D
1-AEW REQ'D

STAGE 3
STA 3834+82 - STA 3836+55, LT
REMOVE TEMPORARY STORM SEWER ITEMS
(INCIDENTAL TO ITEMS)

CURVE NO. 9
PI STA = 6838+99.93
Y = 579492.53
X = 748595.01
PC STA = 6828+19.55
Y=578416.94
X=748493.42
PT STA = 6847+46.86
Y=579863.20
X=749609.80
DELTA = 64°32'19"
D = 3°20'55"
T = 1080.38'
L = 1927.31'
R = 1711.02'
EXISTING SE = 6.0%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 240'
RO (RUNOFF) = 180'

CURVE NO. 10
PI STA = 3837+88.35
Y = 579439.05
X = 748664.29
PC STA = 3827+54.70
Y=578409.98
X=748567.09
PT STA = 3845+98.65
Y=579793.70
X=749635.19
DELTA = 64°32'19"
D = 3°30'00"
T = 1033.65'
L = 1843.95'
R = 1637.02'
EXISTING SE = 5.9%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 240'
RO (RUNOFF) = 180'

MATHY CONSTRUCTION COMPANY

STATION & OFFSET TABLE (RAMP GORES)			
POINT NUMBER	STATION	OFFSET	REMARKS
21-1	3849+67.01	RT	RADIUS 3'
21-2	6847+98.69	LT	RADIUS 6'

T 39 N, R 12 W, 16, 21

DO NOT DISTURB

CP #603
Y = 579,692.95
X = 748,962.30
ELEV = 1156.04
NGS 603-SPOONER-C
(DO NOT DISTURB)

ASTREA (COMMUNICATION)

STA 6845+19, LT
EXISTING INLET TO REMAIN

STA 6845+19, LT & RT
EXISTING 24" SSPRC TO REMAIN

DANIEL J CURRAN

DANIEL SUNDERLAND

LITTLE VALLEY RD

EX R/W

USH 53 SB/USH 63 EXIT

USH 53 SB

USH 53 NB

USH 53 NB/ USH 63 EXIT

USH 53 SB/USH 63 ENTRANCE

USH 53 NB/USH 63 ENTRANCE

USH 53 NB&SB/USH 63 ENTRANCE

WILD RIVERS STATE TRAIL

WISCONSIN GREAT NORTHERN RAILROAD

CURVE 9

CURVE 10

PC: 6828+19.55

PT: 6847+46.86

PC: 3827+54.70

PT: 3845+98.65

21-1

21-2

N69° 56' 03"E

N5° 23' 44"E

Y = 577783.212
X = 748433.563

Y = 577776.315
X = 748507.241

PI: 3821+18.21

6821+83.01

BM 611

BM 610

B-65-25
POLYMER OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

B-65-24
POLYMER OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

SEE CONSTRUCTION DETAILS FOR STAGING OF GUARDRAIL REMOVALS AND TEMPORARY AND ULTIMATE GUARDRAIL INSTALLATIONS AT THE USH 63 BRIDGES

STAGE 1
STA 3834+04, LT
EXISTING INLET TO REMAIN
1-TEMPORARY COVER PLATE REQ'D

STAGE 3
STA 3834+04, LT
REMOVE TEMPORARY COVER PLATE
(INCIDENTAL TO ITEM)

STAGE 2
STA 3834+06, LT & RT
EXISTING 24" SSPRC TO REMAIN
REMOVE EXISTING ENDWALL, RT
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3843+81, LT
EXISTING INLET TO REMAIN

STA 3843+80, LT & RT
EXISTING 24" SSPRC TO REMAIN
MARKERS FOR CULVERT END REQ'D

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
610	3822+53.15, 23.18' RT	BM CUT SQ-X	1166.16
611	3824+74.00, 97.18' LT	BM CUT SQ-X	1170.66

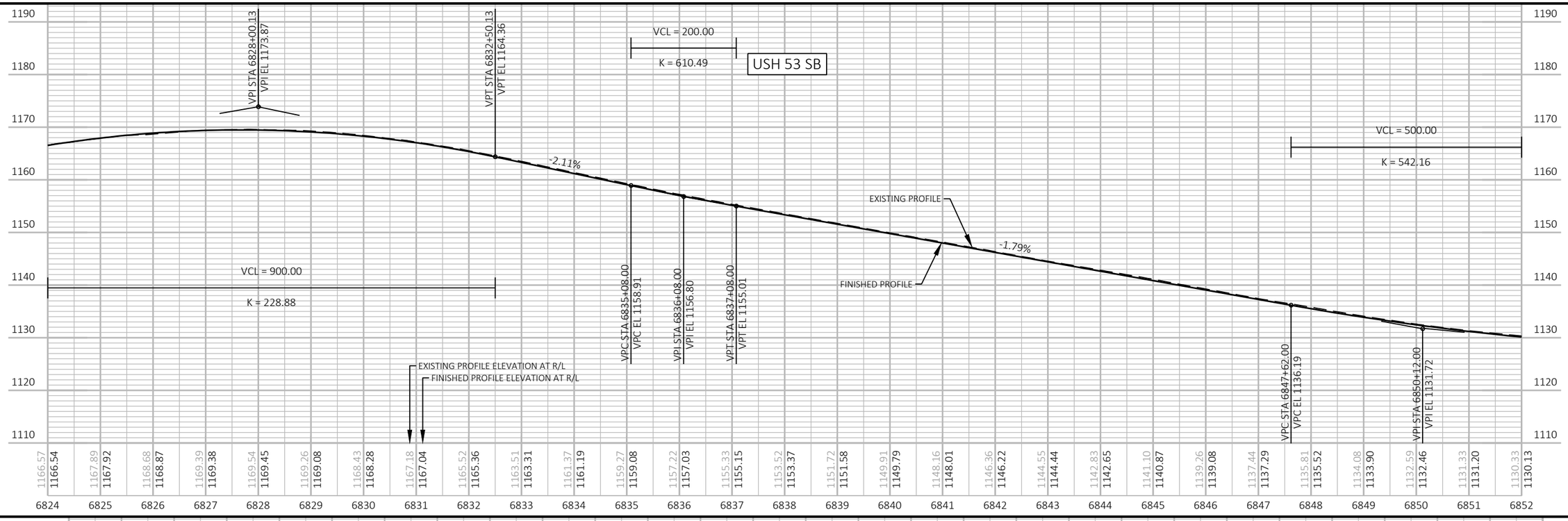
SPOONER GOLF CLUB INC

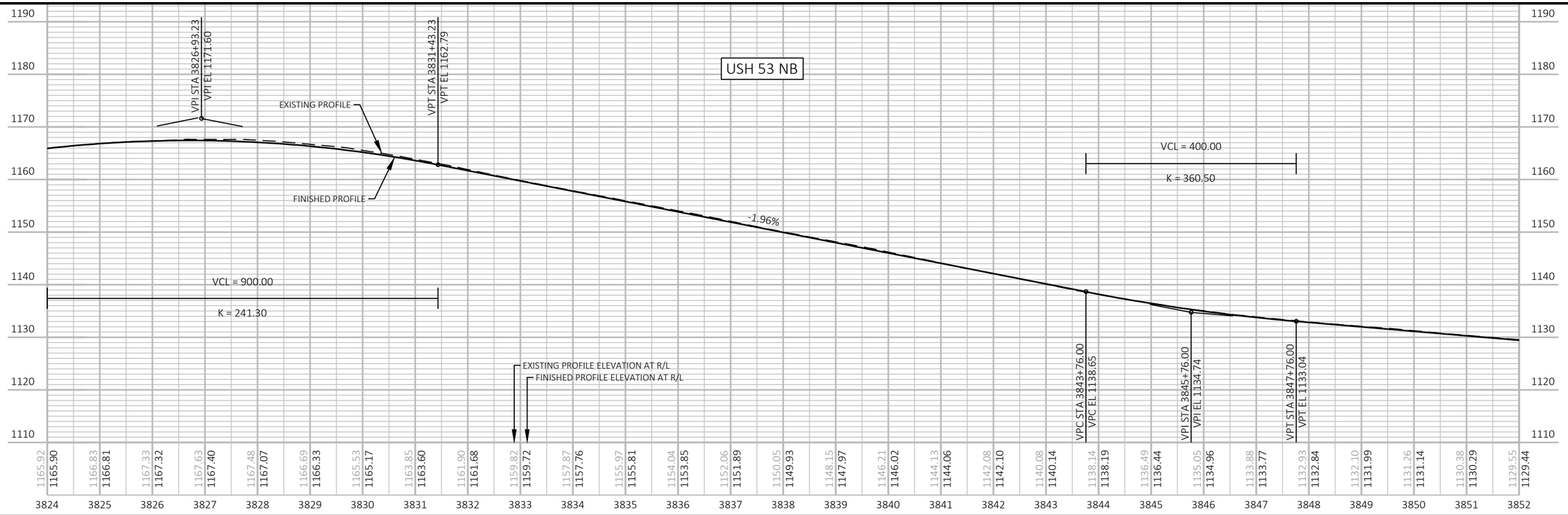
MATHY CONSTRUCTION COMPANY

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 250	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 21

PLOT DATE : 4/8/2022 8:54 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 251	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 22

PLOT DATE : 4/8/2022 8:54 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

CURVE NO. 11
PI STA = 6864+16.54
Y = 580436.07
X = 751178.13
PC STA = 6858+72.07
Y=580249.27
X=750666.72
PT STA = 6869+57.66
Y=580717.01
X=751644.52
DELTA = 10°59'52"
D = 1°00'47"
T = 544.46'
L = 1085.58'
R = 5655.58'
EXISTING SE = 2.9%
PROPOSED SE = 3.4%
SE TRANSITION (T) = 162'
RO (RUNOFF) = 102'

MARGARET A MARKGREN

AARON P JOHANNES

CHARLES KEVIN SCHUMAN

KATHERYN FEIERTAG

KATHERYN FEIERTAG

MATHY CONSTRUCTION COMPANY

THOMPSON FAMILY LTD PTNRSHP
GENE THOMPSON GEN PARTNER

KEITH J JOHNSON

SPOONER GOLF CLUB INC

SPOONER GOLF CLUB INC

SPOONER GOLF CLUB INC

RALPH W HANSON

EDWARD T CHANEY

EX R/W

ASTREA
(COMMUNICATION)

BARRON ELECTRIC
(ELECTRIC)

LUMEN
(COMMUNICATION)

LITTLE VALLEY RD

USH 53/63 SB

USH 53/63 NB

CTH A

WISCONSIN GREAT NORTHERN RAILROAD

WILD RIVERS STATE TRAIL

PC: 6858+72.07

PT: 6869+57.66

PC: 3857+21.25

PT: 3868+21.03

CURVE 11

CURVE 12

N69° 56' 03"E

N58° 56' 10"E

6855

6860

6865

6870

6875

6880

3850

3855

3860

3865

3870

3875

3880

STAGE 4
STA 6868+44, LT&RT
EXISTING 30" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 6876+16, LT & RT
EXISTING 24" SSPRC TO REMAIN

BEGIN SHOULDER MILL & OVERLAY
STA 6866+25
BUTT JOINT REQ'D

BEGIN CONSTRUCTION
SHOULDER REPLACEMENT
STA 6865+12
MATCH EXISTING
SAWCUT REQ'D

END CONSTRUCTION
SHOULDER REPLACEMENT
STA 6870+85
MATCH EXISTING
SAWCUT REQ'D

BEGIN CONSTRUCTION
SHOULDER REPLACEMENT
STA 6875+75
MATCH EXISTING
SAWCUT REQ'D

END SHOULDER MILL & OVERLAY
STA 6876+00
BUTT JOINT REQ'D

END CONSTRUCTION
SHOULDER REPLACEMENT
STA 6877+93
MATCH EXISTING
SAWCUT REQ'D

CP #525
Y = 580,696.29
X = 751,360.68
ELEV = 1110.07
FENO 1000 W/ALUMINUM CAP SET

END CONSTRUCTION
STA 6862+50
MATCH EXISTING
SAWCUT REQ'D

END PROJECT
STA 3861+18
MATCH EXISTING
SAWCUT REQ'D

BEGIN CONSTRUCTION
SHOULDER REPLACEMENT
STA 3863+78
MATCH EXISTING
SAWCUT REQ'D

END SHOULDER MILL & OVERLAY
STA 3874+75
BUTT JOINT REQ'D

END CONSTRUCTION
SHOULDER REPLACEMENT
STA 3876+59
MATCH EXISTING
SAWCUT REQ'D

STA 3874+82, LT
EXISTING INLET TO REMAIN

STA 3874+81, LT & RT
EXISTING 24" SSPRC TO REMAIN

BEGIN SHOULDER MILL & OVERLAY
STA 3865+75
BUTT JOINT REQ'D

STAGE 3
STA 3850+06 - STA 3853+61, LT
TEMPORARY SSPRC CLASS III-A 18-INCH REQ'D
TIE TO EXISTING INLET AT STA 3853+61, LT
1-TEMPORARY AEW REQ'D

STA 3853+61, LT
1-COVER PLATE TEMPORARY REQ'D

STAGE 5
STA 3850+06 - STA 3853+61, LT
REMOVE TEMPORARY STORM SEWER ITEMS
(INCIDENTAL TO ITEMS)

STA 3853+61, LT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 24-INCH
SSPRC CLASS III 24-INCH CONNECTION REQ'D
1-CONCRETE COLLAR REQ'D

STA 3854+10, LT
SEE CONSTRUCTION DETAIL OF
MEDIAN OPENINGS AT DRIVEWAYS

STAGE 2
STA 3860+10, LT&RT
EXISTING 24" CPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3853+60, LT & RT
EXISTING 24" SSPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3867+09, LT
EXISTING INLET TO REMAIN

STA 3867+10, LT&RT
EXISTING 30" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2/4
STA 3871+82, LT&RT
EXISTING 36" CPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

CURVE NO. 12
PI STA = 3862+72.83
Y = 580368.11
X = 751207.75
PC STA = 3857+21.25
Y=580178.86
X=750689.65
PT STA = 3868+21.03
Y=580652.72
X=751680.24
DELTA = 10°59'52"
D = 1°00'00"
T = 551.59'
L = 1099.79'
R = 5729.58'
EXISTING SE = 2.9%
PROPOSED SE = 3.4%
SE TRANSITION (T) = 162'
RO (RUNOFF) = 102'

T 39 N
R 16 15 W
21 22
12

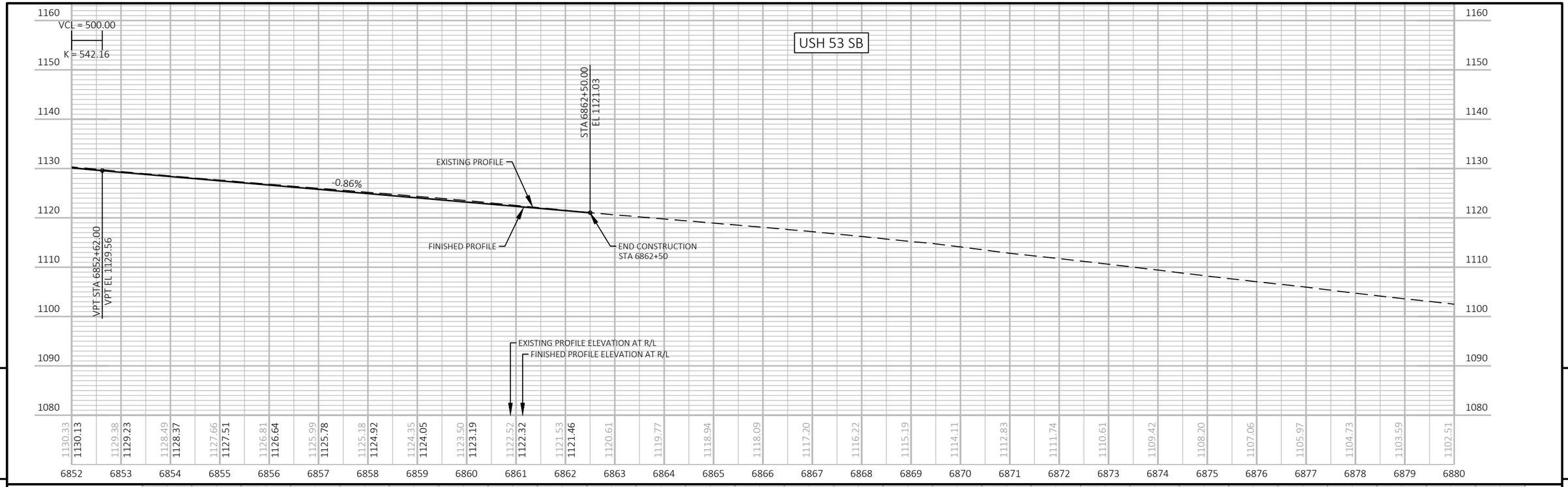
DO NOT DISTURB

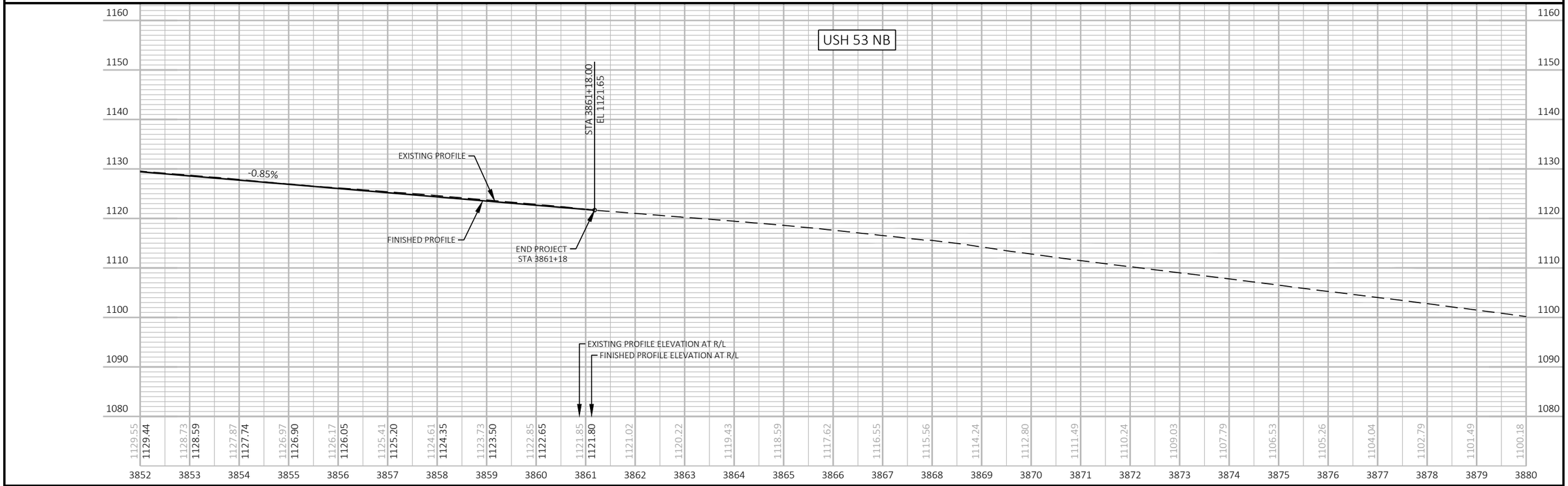
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 252 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 23

PLOT DATE : 4/8/2022 8:54 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 253	E

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

THOMPSON FAMILY LTD PTNRSHP
GENE THOMPSON GEN PARTNER

THOMPSON FAMILY LTD PTNRSHP
GENE THOMPSON GEN PARTNER

THOMPSON FAMILY LTD PTNRSHP
GENE THOMPSON GEN PARTNER

CURVE NO. 13
PI STA = 6918+13.07
Y = 583222.37
X = 755803.64
PC STA = 6899+11.52
Y=582241.18
X=754174.78
PT STA = 6934+42.02
Y=585112.88
X=756008.21
DELTA = 52°45'37"
D = 1°29'40"
T = 1901.55'
L = 3530.50'
R = 3834.00'

STA 6884+15, LT & RT
EXISTING 24" SSPRC TO REMAIN

LUMEN
(COMMUNICATION)

ASTREA
(COMMUNICATION)

BARRON ELECTRIC
(ELECTRIC)

BEGIN CONSTRUCTION
SHOULDER REPLACEMENT
STA 6883+18
MATCH EXISTING
SAWCUT REQ'D

END CONSTRUCTION
SHOULDER REPLACEMENT
STA 6900+75
MATCH EXISTING
SAWCUT REQ'D

PC: 6899+11.52

EX R/W

6880 6885 N58° 56' 10"E 6890 USH 53/63 SB 6895 6900 CURVE 13 6905

3880 3885 N58° 56' 10"E 3890 USH 53/63 NB 3895 3900 CURVE 14 3905

EX R/W

WILD RIVERS STATE TRAIL

WISCONSIN GREAT NORTHERN RAILROAD

EX R/W

EX R/W

BEGIN CONSTRUCTION
SHOULDER REPLACEMENT
STA 3882+33
MATCH EXISTING
SAWCUT REQ'D

END CONSTRUCTION
SHOULDER REPLACEMENT
STA 3899+43
MATCH EXISTING
SAWCUT REQ'D

PC: 3898+22.78

STA 3882+81, LT
EXISTING INLET TO REMAIN

STA 3882+82, LT & RT
EXISTING 24" SSPRC TO REMAIN

STAGE 1
STA 3891+81, LT
RECONSTRUCTING INLETS

STA 3889+33 - STA 3891+81, LT
TEMPORARY STORM SEWER CLASS III-A 18-INCH REQ'D
TIE TO EXISTING INLET AT STA 3891+81, LT
1-TEMPORARY AEW REQ'D

STAGE 5
STA 3889+33 - STA 3891+81, LT
REMOVE TEMPORARY STORM SEWER ITEMS (INCIDENTAL TO ITEMS)

STA 3891+81, LT
REMOVING INLETS
1-INLETS MEDIAN 2 GRATE REQ'D
2-INLET COVER TYPE MS REQ'D
REMOVING STORM SEWER 24-INCH
SSPRC CLASS III 24-INCH CONNECTIONS REQ'D
2-CONCRETE COLLARS REQ'D

WISCONSIN GREAT NORTHERN RAILROAD INC

WISCONSIN GREAT NORTHERN RAILROAD INC

RALPH W HANSON

EDWARD T CHANEY

CURVE NO. 14
PI STA = 3917+16.16
Y = 583178.57
X = 755873.37
PC STA = 3898+22.78
Y=582201.60
X=754251.51
PT STA = 3933+38.10
Y=585060.97
X=756077.04
DELTA = 52°45'40"
D = 1°30'03"
T = 1893.39'
L = 3515.32'
R = 3817.45'

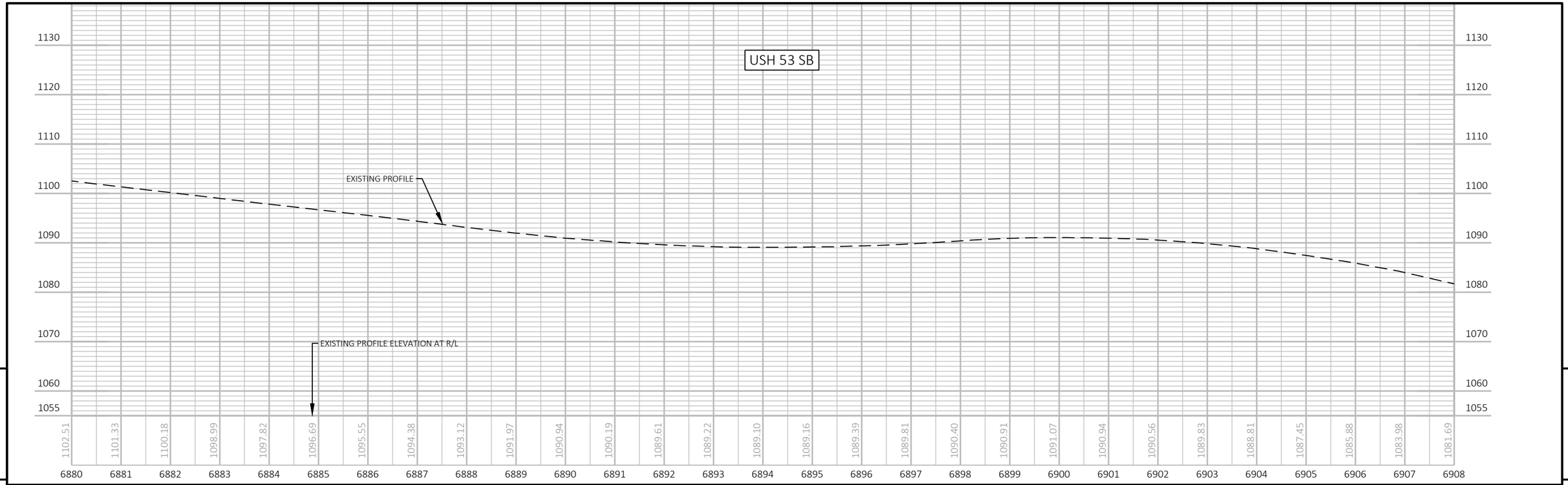
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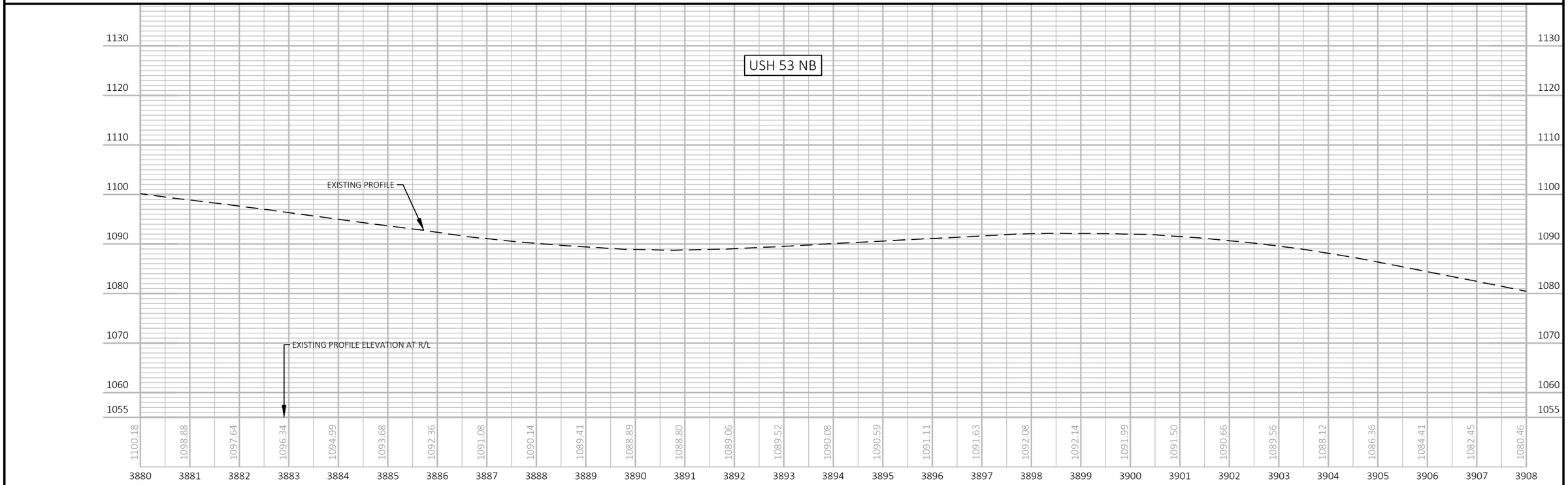
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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN	SHEET 254	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 25

PLOT DATE : 4/8/2022 8:55 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE	SHEET 255	E

LEGEND

SLOPE INTERCEPT

DELINEATED WETLAND BOUNDARY

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

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SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

EX R/W

ASTREA (COMMUNICATION)

BP: 220+00.00

BEGIN CONSTRUCTION STA 222+46 MATCH EXISTING

CRANBERRY DR (WEST)

221+00 N53° 19' 58"E 222+00 223+00

Y = 556422.583
X = 752211.143

STA 222+84, LT&RT
EXISTING 12" CMCP TO REMAIN

6598+00

6597+00

3597+00

USH 53 SB

USH 53 NB

STA 223+26.00 = STA 6597+50.94
Y=556,557.542
X=752,392.421

EP: 224+00.00

3598+00

NGS

BASE AGG FE

CP #507
Y = 556,665.48
X = 752,508.92
ELEV = 1254.44
NGS 7Q25 BRASS CAP
(DO NOT DISTURB)

STA 224+00.00 = STA 3597+90.32
Y=556,601.733
X=752,451.778

5

5

1268
1264
1260
1256
1252
1248
1244
1240
1238

STA 222+46.00 EL 1253.62
STA 223+02.01 EL 1252.97
STA 223+26.00 EL 1253.45
STA 223+43.97 EL 1253.11
STA 223+82.00 EL 1253.32
STA 224+00.00 EL 1253.68

EXISTING PROFILE

-1.16% 2.01% -1.93% 0.56% 2.00%

BEGIN CONSTRUCTION STA 222+46

FINISHED PROFILE

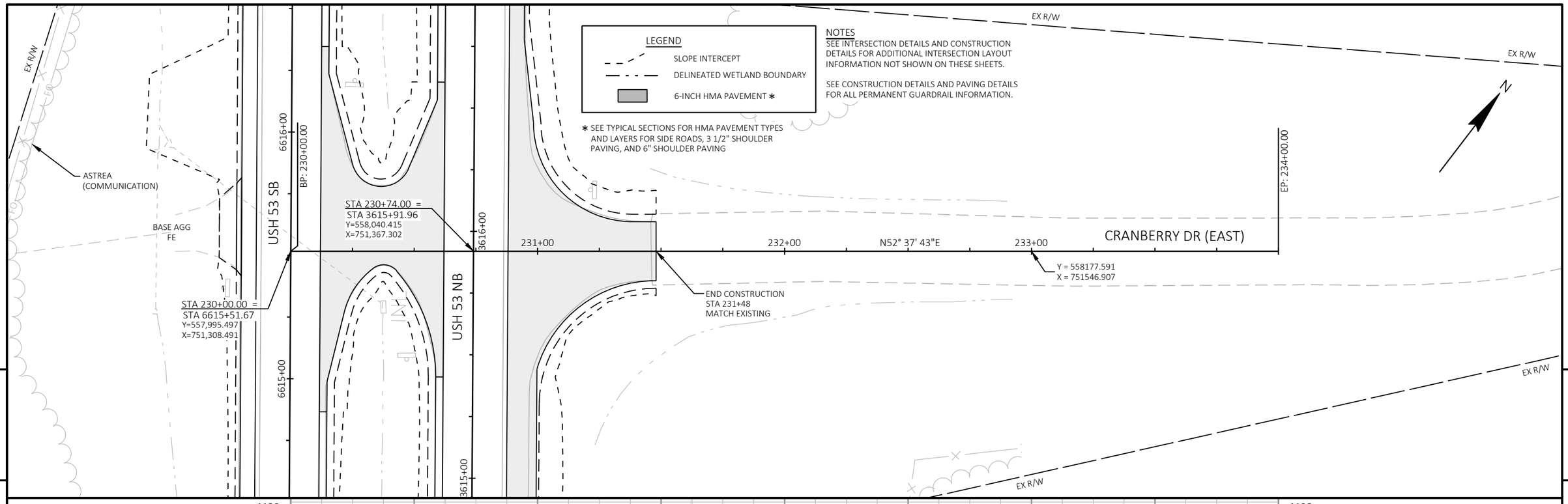
FINISHED PROFILE ELEVATION AT R/L

EXISTING PROFILE ELEVATION AT R/L

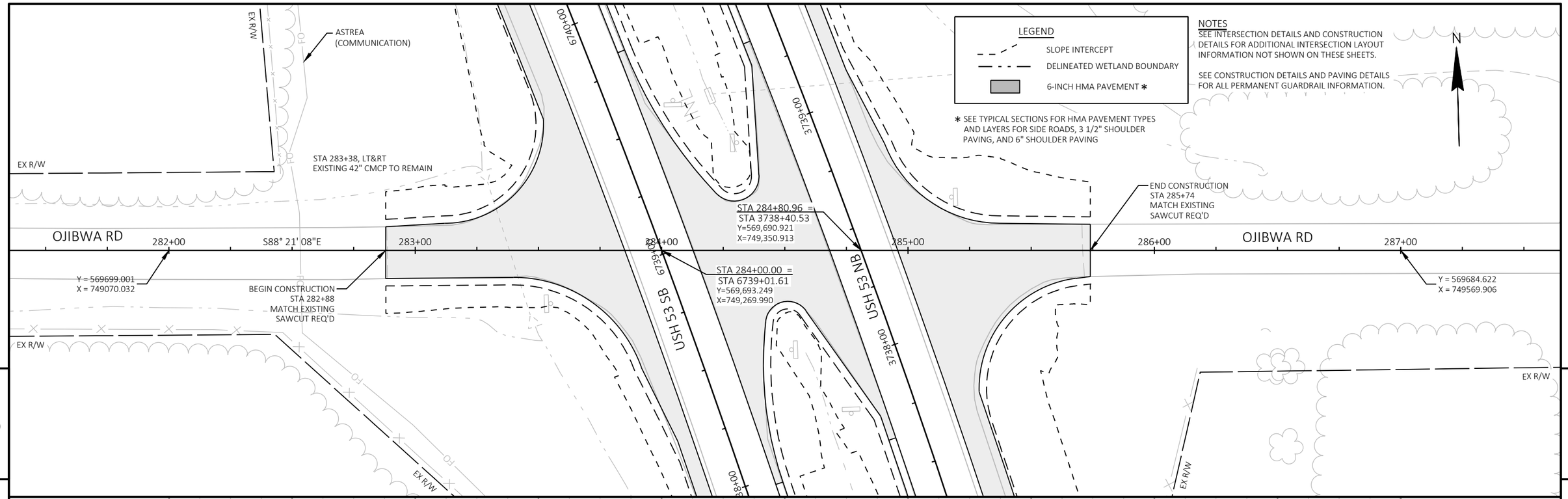
1262.35 1260.41 1258.41 1256.31 1254.67 1253.57 1253.57 1253.19 1252.99 1253.02 1253.14 1253.73 1253.68

220+00 220+50 221+00 221+50 222+00 222+50 223+00 223+50 224+00

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: CRANBERRY DR (WEST)	SHEET 256	E

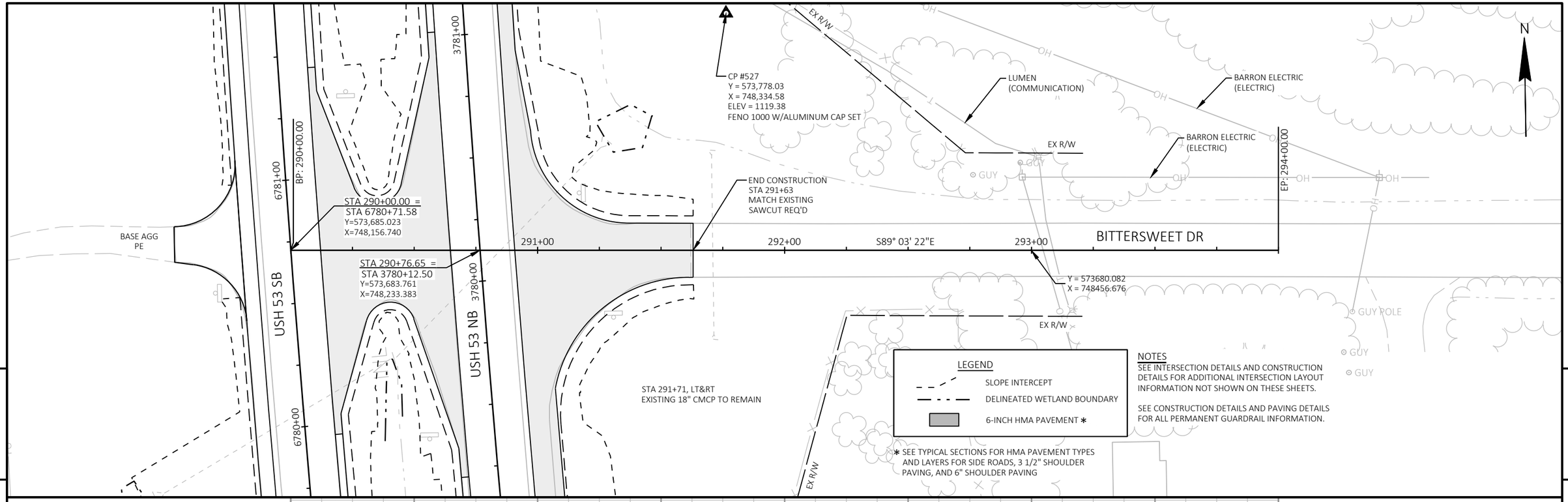


PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: CRANBERRY DR (EAST)	SHEET 257	E



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: OJIBWA RD	SHEET 258 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 03
PLOT DATE : 2/28/2022 3:35 PM
PLOT BY : DREW NELSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: BITTERSWEET DR	SHEET 259	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 04
PLOT DATE : 2/28/2022 3:36 PM
PLOT BY : DREW NELSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

LEGEND

SLOPE INTERCEPT

DELINEATED WETLAND BOUNDARY

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE INTERSECTION DETAILS AND CONSTRUCTION DETAILS FOR ADDITIONAL INTERSECTION LAYOUT INFORMATION NOT SHOWN ON THESE SHEETS.

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

N

EX R/W

ASTREA (COMMUNICATION)

BEGIN CONSTRUCTION STA 301+51 MATCH EXISTING SAWCUT REQ'D

CTH H

301+00

S88° 54' 24"E

302+00

303+00

304+00

305+00

306+00

Y = 575025.568
X = 747977.497

STA 303+74.27 = STA 3793+50.42
Y=575,020.334
X=748,251.741

STA 303+00.00 = STA 6794+09.70
Y=575,021.751
X=748,177.487

6795+00

6794+00

3794+00

3793+00

USH 53 SB

USH 53 NB

END CONSTRUCTION STA 304+56 MATCH EXISTING SAWCUT REQ'D

Y = 575016.027
X = 748477.406

LUMEN (COMMUNICATION)

FO

5

5

VPC STA 301+51.00 VPC EL 1132.97

VPI STA 301+97.00 VPI EL 1134.54

VPT STA 302+42.99 VPT EL 1135.01

STA 302+75.94 EL 1135.35

STA 303+18.05 EL 1134.41

STA 303+56.23 EL 1134.17

STA 303+88.30 EL 1133.45

VPC STA 304+06.86 VPC EL 1133.05

VPI STA 304+26.86 VPI EL 1132.61

STA 304+56.00 EL 1131.73

VPT STA 304+46.86 VPT EL 1132.01

FINISHED PROFILE

EXISTING PROFILE

1.04%

-2.25%

-0.61%

-2.24%

-2.20%

-3.00%

BEGIN CONSTRUCTION STA 301+51

END CONSTRUCTION STA 304+56

EXISTING PROFILE ELEVATION AT R/L

FINISHED PROFILE ELEVATION AT R/L

VCL = 91.98

K = 38.84

VCL = 40.00

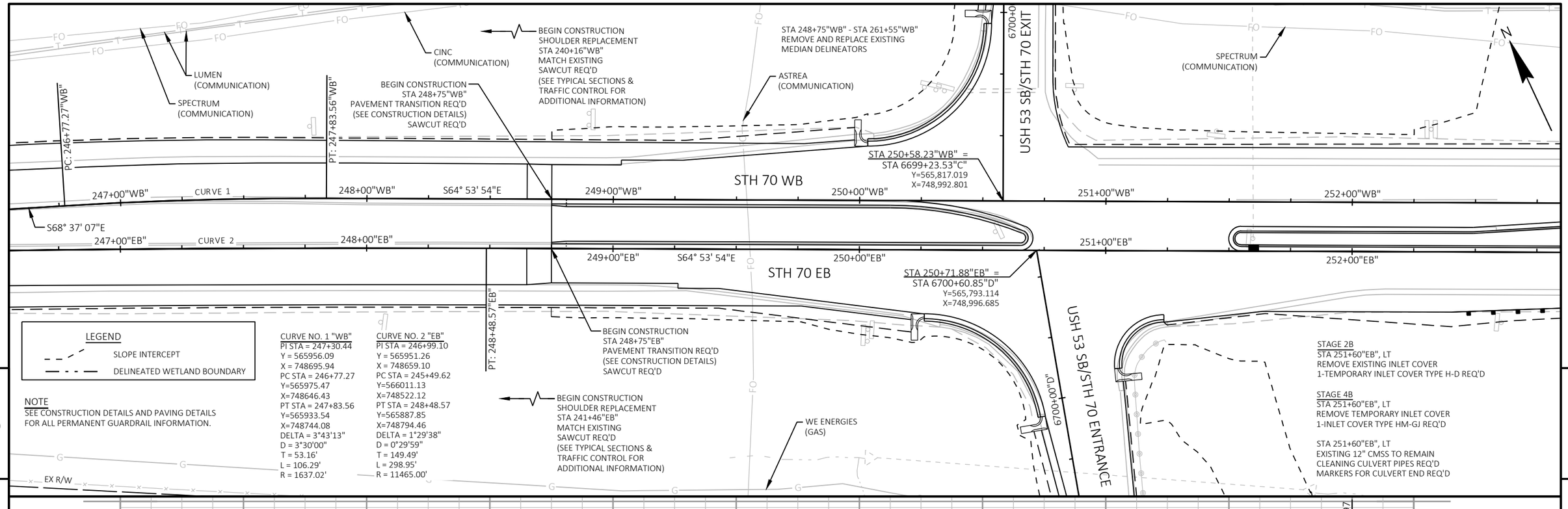
K = 49.40

1144 1140 1136 1132 1128 1124 1120 1116

1132.12 1132.95 1134.17 1134.33 1134.89 1135.09 1134.99 1134.81 1134.19 1134.21 1133.35 1133.20 1131.89 1131.91 1131.00 1130.27 1129.63

301+00 301+50 302+00 302+50 303+00 303+50 304+00 304+50 305+00 305+50 306+00

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: CTH H	SHEET 260	E



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: STH 70	SHEET 261 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050103-PP.DWG
LAYOUT NAME - 01

PLOT DATE : 2/28/2022 3:12 PM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

STAGE 2E
STA 253+75"WB", LT
REMOVING SURFACE DRAIN

STA 253+75"WB", LT&RT
REMOVING STORM SEWER 12-INCH

STA 253+57"WB", LT
CONCRETE SURFACE DRAINS (FLUME TYPE)

(SEE EROSION CONTROL PLANS FOR RIPRAP AT SURFACE DRAINS)

STA 254+79.97"WB" =
STA 6698+22.82
Y=565,638.103
X=749,374.718

STA 255+60.42"WB" =
STA 3697+30.90
Y=565,603.978
X=749,447.563

SPECTRUM
(COMMUNICATION)

STAGE 2E
STA 256+86"WB", RT
REMOVE EXISTING INLET COVER
1-INLET COVER TYPE HM-GJ REQ'D

STAGE 2B
STA 256+86"EB", LT
REMOVE EXISTING INLET COVER
1-INLET COVER TYPE HM-GJ REQ'D
EXISTING 12" CMSS TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

BM 614

STH 70 WB

252+00"WB" 253+00"WB" 254+00"WB" 255+00"WB" 256+00"WB" 257+00"WB" 258+00"WB"

252+00"EB" 253+00"EB" 254+00"EB" 255+00"EB" 256+00"EB" 257+00"EB" 258+00"EB"

STH 70 EB

BM 613

STA 254+88.50"EB" =
STA 6698+01.08
Y=565,616.375
X=749,373.954

STA 255+68.94"EB" =
STA 3697+09.16
Y=565,582.250
X=749,446.799

B-65-30
CONCRETE OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

STA 248+75"WB" - STA 261+55"WB"
REMOVE AND REPLACE EXISTING
MEDIAN DELINEATORS

STAGE 2B
STA 254+03"EB", RT
REMOVING SURFACE DRAINS

STA 254+03"EB", LT&RT
REMOVING STORM SEWER 12-INCH

STA 253+62"EB", RT
CONCRETE SURFACE DRAINS (FLUME TYPE)

(SEE EROSION CONTROL PLANS FOR RIPRAP AT SURFACE DRAINS)

USH 53 SB

USH 53 NB

LEGEND
SLOPE INTERCEPT
DELINEATED WETLAND BOUNDARY

NOTE
SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION.

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
613	254"EB"+10.86, 23.17' RT	BM CUT X-SQ	1111.18
614	256"EB"+39.32, 43.21' LT	BM CUT X-SQ	1112.35

WE ENERGIES
(GAS)

STH 70 EB

VPT STA 253+99.97
VPT EL 1108.75

STA 256+45.59
EL 1109.94

FINISHED PROFILE

EXISTING PROFILE

0.48%

VCL = 400.00
K = 185.46

EXISTING PROFILE ELEVATION AT R/L
FINISHED PROFILE ELEVATION AT R/L

1124 1120 1116 1112 1108 1104 1100 1096

1106.72	1107.05	1107.72	1108.21	1108.70	1109.01	1109.26	1109.50	1109.73	1109.93	1110.43	1110.61	1110.73
1107.08	1107.42	1108.00	1108.44	1108.75	1108.99	1109.23	1109.48	1109.72	1109.96	1110.24	1110.51	1110.65

252+25 252+50 253+00 253+50 254+00 254+50 255+00 255+50 256+00 256+50 257+00 257+50 257+75

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: STH 70	SHEET 262	E

STAGE 2A
STA 259+84"EB", LT
1-REMOVING INLETS
1-INLETS 2X2.5-FT REQ'D (19.0' LT)
1-INLETS 4-FT DIAMETER REQ'D (10.4' LT)
1-TEMPORARY COVER PLATE REQ'D (19.0' LT)
1-TEMPORARY INLET COVER TYPE H-D REQ'D (10.4' LT)
SSPRC CLASS III 12-INCH REQ'D
SSPRC CLASS III 24-INCH CONNECTION REQ'D
1-CONCRETE COLLAR REQ'D

USH 53 NB/STH 70 ENTRANCE

"B" 3695+00

STA 259+78.51"WB" =
STA 3694+78.60"B"
Y=565,426.613
X=749,826.168

END CONSTRUCTION
STA 260+18"WB"
PAVEMENT TRANSITION REQ'D
(SEE CONSTRUCTION DETAILS)
SAWCUT REQ'D

BEGIN CONSTRUCTION
SHOULDER REPLACEMENT
STA 260+30"WB"
MATCH EXISTING
SAWCUT REQ'D

SPECTRUM
(COMMUNICATION)

END CURB & GUTTER REPLACEMENT
STA 261+55"WB"
MATCH EXISTING
SAWCUT REQ'D

END CONSTRUCTION
SHOULDER REPLACEMENT
STA 272+14"WB"
MATCH EXISTING
SAWCUT REQ'D
(SEE TYPICAL SECTIONS &
TRAFFIC CONTROL FOR
ADDITIONAL INFORMATION)

LUMEN
(COMMUNICATION)

N

SEE CONSTRUCTION DETAIL FOR
ASPHALTIC SURFACE PATCHING

STH 70 WB

258+00"WB" 259+00"WB" 260+00"WB" 261+00"WB" 262+00"WB" S64° 53' 54"E 263+00"WB"

Y = 565290.332
X = 750117.283

258+00"EB" 259+00"EB" 260+00"EB" 261+00"EB" 262+00"EB" S64° 53' 54"E 263+00"EB"

"A" 3696+00

STA 259+90.39"EB" =
STA 3696+08.13"A"
Y=565,403.463
X=749,828.440

STH 70 EB

Y = 565272.116
X = 750108.814

STAGE 2B
STA 259+75"EB", LT&RT
EXISTING 24" SSPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 4C
STA 259+84"EB", LT
REMOVE TEMPORARY INLET COVER (10.6' LT)
REMOVE TEMPORARY COVER PLATE (19.0' LT)
(INCIDENTAL TO ITEMS)
2-INLET COVERS TYPE T REQ'D

STA 248+75"WB" - STA 261+55"WB"
REMOVE AND REPLACE EXISTING
MEDIAN DELINEATORS

CAUTION

USH 53 NB/STH 70 EXIT

BEGIN CONSTRUCTION
SHOULDER REPLACEMENT
STA 260+62"EB"
MATCH EXISTING
SAWCUT REQ'D

END CONSTRUCTION
STA 260+46"EB"
PAVEMENT TRANSITION REQ'D
(SEE CONSTRUCTION DETAILS)
SAWCUT REQ'D

LEGEND
SLOPE INTERCEPT
DELINEATED WETLAND BOUNDARY

NOTE
SEE CONSTRUCTION DETAILS AND PAVING DETAILS
FOR ALL PERMANENT GUARDRAIL INFORMATION.

WE ENERGIES
(GAS)

END CONSTRUCTION
SHOULDER REPLACEMENT
STA 272+15"EB"
MATCH EXISTING
SAWCUT REQ'D
(SEE TYPICAL SECTIONS &
TRAFFIC CONTROL FOR
ADDITIONAL INFORMATION)

5

5

STH 70 EB

STA 260+46.00
EL 1112.14

FINISHED PROFILE

END CONSTRUCTION
STA 260+46"EB"

0.55%

EXISTING PROFILE

EXISTING PROFILE ELEVATION AT R/L

FINISHED PROFILE ELEVATION AT R/L

1128 1124 1120 1116 1112 1108 1104 1100

1110.73 1110.65 1110.96 1110.79 1111.20 1111.06 1111.36 1111.34 1111.48 1111.61 1111.79 1111.89 1112.16 1112.50 1112.85 1113.50 1114.16 1115.13 1115.62

257+75 258+00 258+50 259+00 259+50 260+00 260+50 261+00 261+50 262+00 262+50 263+00 263+25

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: STH 70	SHEET 263	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050103-PP.DWG
LAYOUT NAME - 03
PLOT DATE : 2/28/2022 3:14 PM
PLOT BY : DREW NELSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

LEGEND

SLOPE INTERCEPT

DELINEATED WETLAND BOUNDARY

6-INCH HMA PAVEMENT ∗

∗ SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

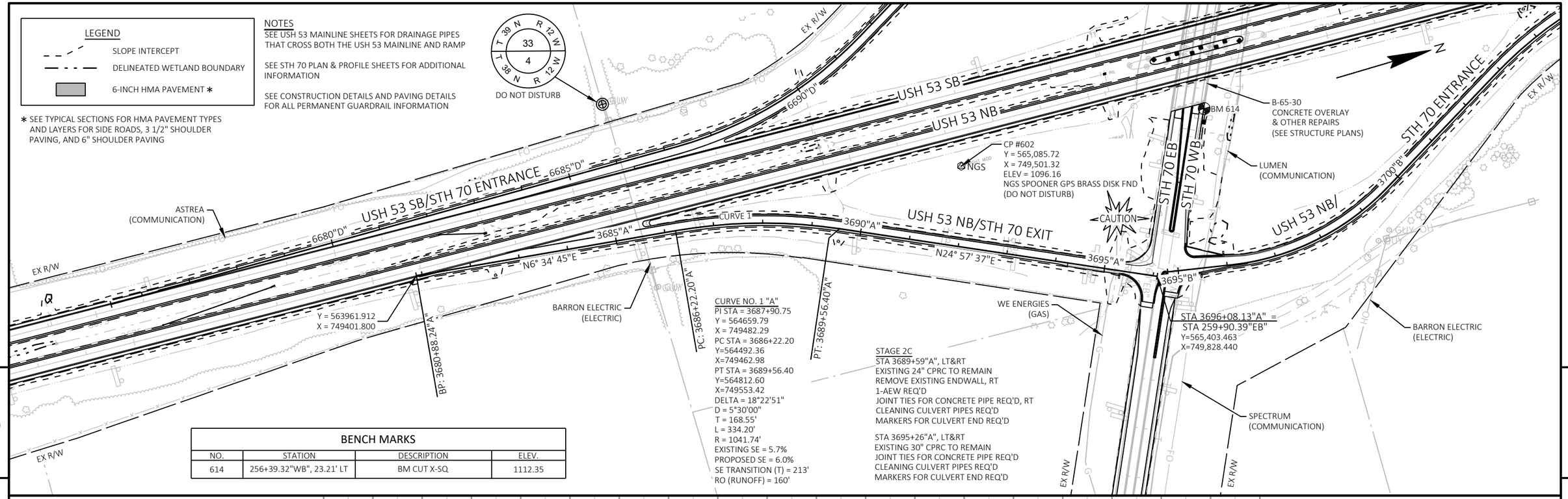
SEE USH 53 MAINLINE SHEETS FOR DRAINAGE PIPES THAT CROSS BOTH THE USH 53 MAINLINE AND RAMP

SEE STH 70 PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION

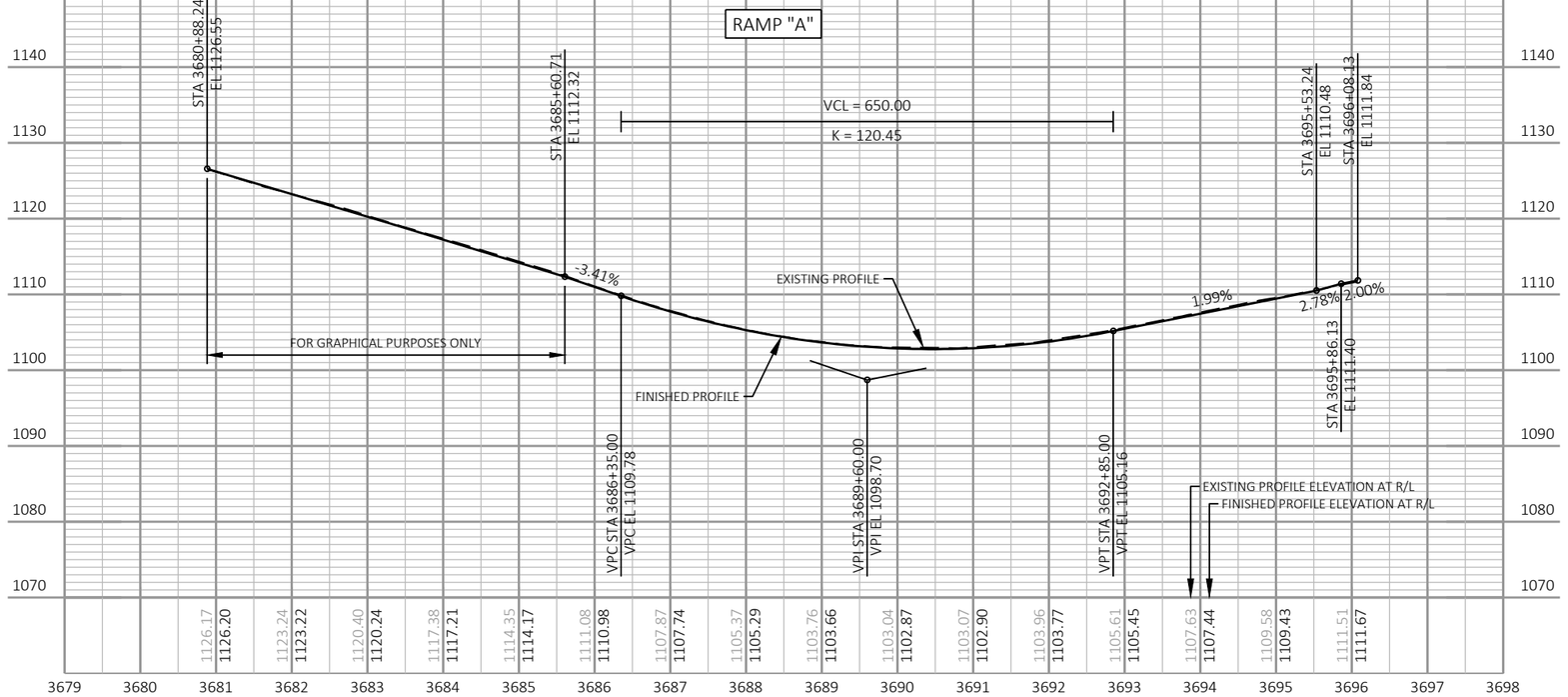
SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION

T 39 N R 12 W
33
4
T 38 N R 12 W

DO NOT DISTURB



BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
614	256+39.32"WB", 23.21' LT	BM CUT X-SQ	1112.35



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: USH 53 NB/STH 70 EXIT	SHEET 264	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050104-PP.DWG
LAYOUT NAME - 01

PLOT DATE : 4/8/2022 9:03 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

NOTES

SEE USH 53 MAINLINE SHEETS FOR DRAINAGE PIPES THAT CROSS BOTH THE USH 53 MAINLINE AND RAMP

SEE STH 70 PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION

LEGEND

SLOPE INTERCEPT

DELINEATED WETLAND BOUNDARY

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

N

BM 613

CP #602
Y = 565,085.72
X = 749,501.32
ELEV = 1096.16
NGS SPOONER GPS BRASS DISK FND
(DO NOT DISTURB)

BM 614

B-65-30
CONCRETE OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

WE ENERGIES
(GAS)

LUMEN
(COMMUNICATION)

SPECTRUM
(COMMUNICATION)

CAUTION

USH 53 SB

USH 53 NB

USH 53 SB/STH 70 EXIT

USH 53 NB/STH 70 EXIT

STH 70 EB

STH 70 WB

STH 70 ENTRANCE

USH 53 NB/

EX R/W

6705"C"

6710"C"

3695"A"

3695"B"

3700"B"

3705"B"

3710"B"

3715"B"

CURVE 2

CURVE 3

N10° 05' 38"E

N29° 54' 23"W

N0° 52' 00"E

STA 3694+78.60"B" =
STA 259+78.51"WB"
Y=565,426.613
X=749,826.168

ASTREA
(COMMUNICATION)

Y = 567813.762
X = 749537.107

EP: 3719+42.46"B"

YELLOW RIVER

PC: 3696+08.56"B"

PT: 3699+68.10"B"

PC: 3702+90.36"B"

PT: 3707+29.97"B"

BARRON ELECTRIC
(ELECTRIC)

CURVE NO. 2 "B"
PI STA = 3697+96.01
Y = 565739.10
X = 749881.80
PC STA = 3696+08.56
Y=565554.56
X=749848.94
PT STA = 3699+68.10
Y=565901.59
X=749788.34
DELTA = 40°00'01"
D = 11°07'31"
T = 187.45'
L = 359.54'
R = 515.00'
EXISTING SE = 5.1%
PROPOSED SE = 4.8%
SE TRANSITION (T) = 123'
RO (RUNOFF) = 87'

CURVE NO. 3 "B"
PI STA = 3705+15.61
Y = 566376.19
X = 749515.36
PC STA = 3702+90.36
Y=566180.94
X=749627.67
PT STA = 3707+29.97
Y=566601.42
X=749518.77
DELTA = 30°46'23"
D = 7°00'00"
T = 225.25'
L = 439.61'
R = 818.51'
EXISTING SE = 6.0%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 213'
RO (RUNOFF) = 160'

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
613	254+10.86"EB", 23.17' RT	BM CUT X-SQ	1111.18
614	256+39.32"WB", 23.21' LT	BM CUT X-SQ	1112.35

RAMP "B"

STA 3694+78.60
EL 1111.77

VPC STA 3695+51.53
VPC EL 1110.10

VPT STA 3696+51.53
VPT EL 1107.07

-2.41%

-2.07%

STA 3695+05.52
EL 1111.21

VPI STA 3696+01.53
VPI EL 1108.90

-3.65%

VCL = 100.00

K = 80.54

FINISHED PROFILE

VPC STA 3701+80.53
VPC EL 1087.76

VPI STA 3704+30.53
VPI EL 1078.63

EXISTING PROFILE ELEVATION AT R/L

FINISHED PROFILE ELEVATION AT R/L

VPC STA 3706+92.61
VPC EL 1079.40

VPI STA 3707+82.61
VPI EL 1079.66

VPT STA 3708+72.61
VPT EL 1079.26

STA 3709+37.32
EL 1078.98

0.29%

-0.44%

VPT STA 3706+80.53
VPT EL 1079.36

VCL = 500.00

K = 126.76

VCL = 180.00

K = 246.17

FOR GRAPHICAL PURPOSES ONLY

STA 3719+42.46
EL 1077.97

EXISTING PROFILE

1130 1120 1110 1100 1090 1080 1070 1060 1055

1111.27 1111.33 1108.83 1108.79 1105.49 1105.30 1101.79 1101.65 1098.14 1098.00 1094.57 1094.35 1090.98 1090.70 1087.39 1087.06 1084.10 1083.96 1081.77 1081.64 1080.20 1080.12 1079.40 1079.38 1079.46 1079.42 1079.59 1079.48 1079.25 1079.14 1078.85 1078.59 1078.46 1077.98 1077.98 1077.39 1077.43 1076.95 1076.87 1076.67 1076.67 1076.56 1076.70 1076.60 1076.86 1076.81 1077.20 1077.17 1077.82 1077.70

3693 3694 3695 3696 3697 3698 3699 3700 3701 3702 3703 3704 3705 3706 3707 3708 3709 3710 3711 3712 3713 3714 3715 3716 3717 3718 3719 3720 3721

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: USH 53 NB/STH 70 ENTRANCE	SHEET 265	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050104-PP.DWG
LAYOUT NAME - 02

PLOT DATE : 4/8/2022 9:04 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

LEGEND

SLOPE INTERCEPT

DELINEATED WETLAND BOUNDARY

6-INCH HMA PAVEMENT ∗

∗ SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

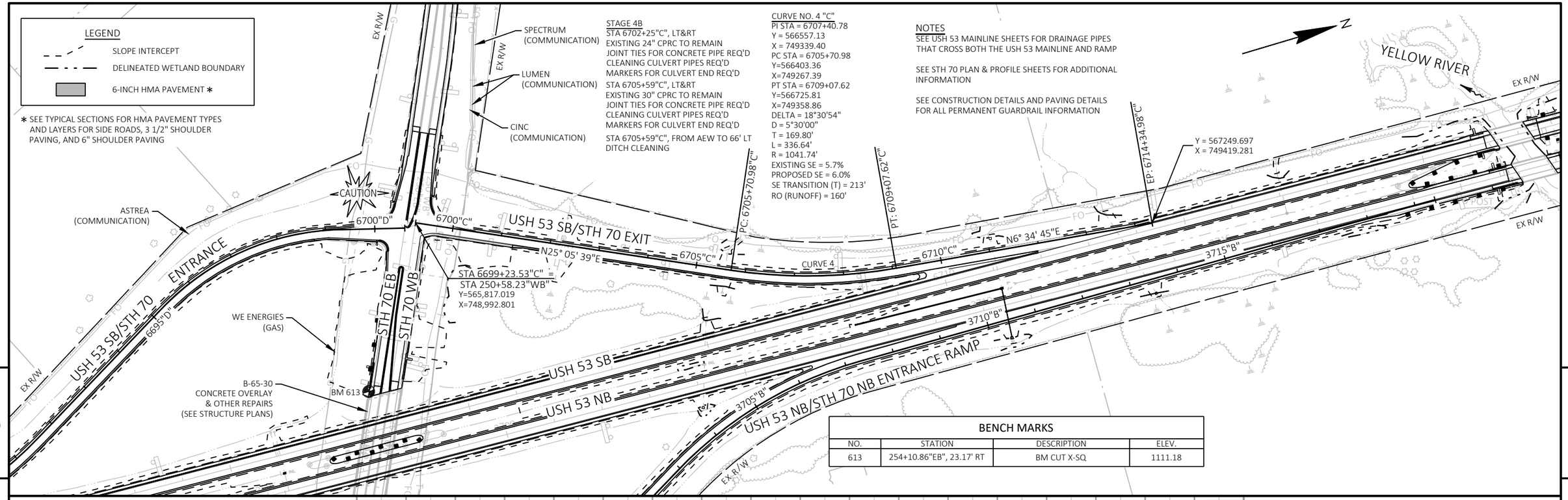
STAGE 4B
STA 6702+25"C", LT&RT
EXISTING 24" CPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D
STA 6705+59"C", LT&RT
EXISTING 30" CPRC TO REMAIN
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D
STA 6705+59"C", FROM AEW TO 66' LT
DITCH CLEANING

CURVE NO. 4 "C"
PI STA = 6707+40.78
Y = 566557.13
X = 749339.40
PC STA = 6705+70.98
Y=566403.36
X=749267.39
PT STA = 6709+07.62
Y=566725.81
X=749358.86
DELTA = 18°30'54"
D = 5°30'00"
T = 169.80'
L = 336.64'
R = 1041.74'
EXISTING SE = 5.7%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 213'
RO (RUNOFF) = 160'

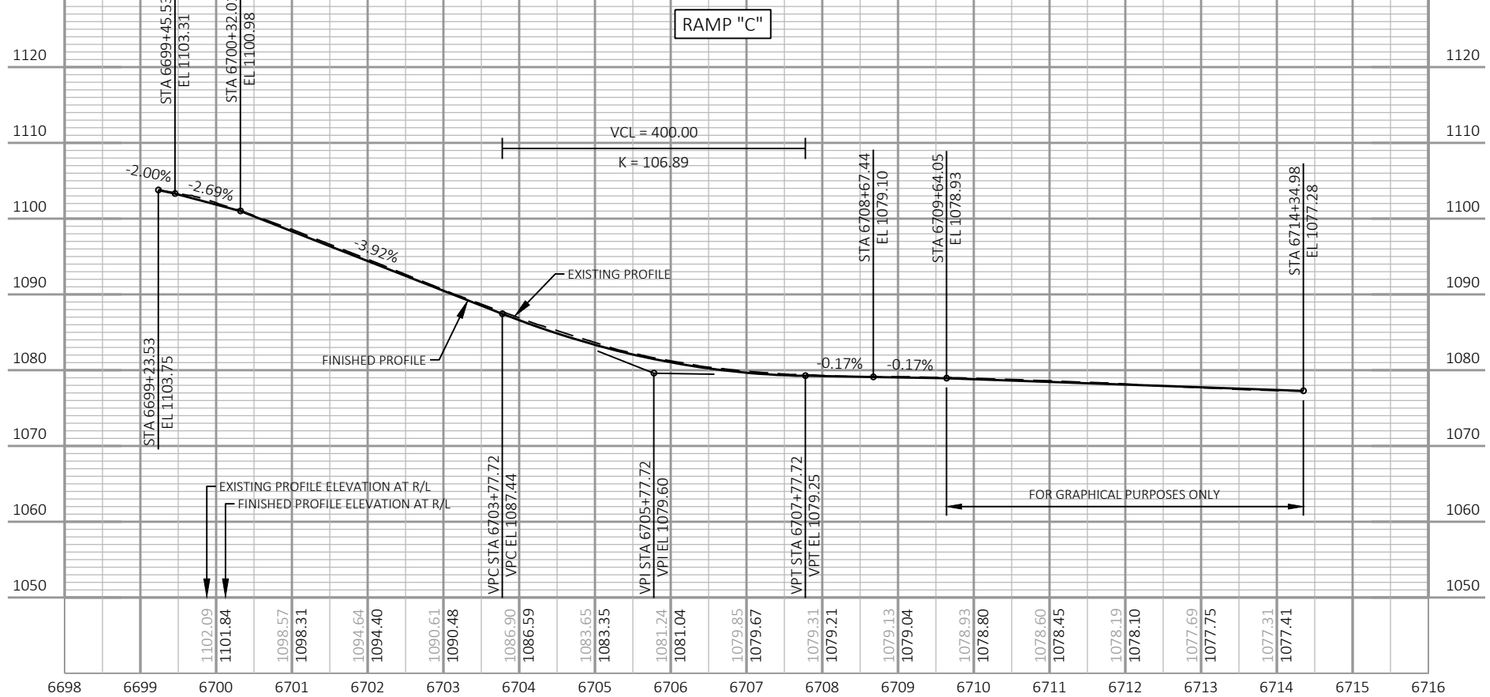
NOTES
SEE USH 53 MAINLINE SHEETS FOR DRAINAGE PIPES THAT CROSS BOTH THE USH 53 MAINLINE AND RAMP

SEE STH 70 PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION



BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
613	254+10.86"EB", 23.17' RT	BM CUT X-SQ	1111.18



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: USH 53 SB/STH 70 EXIT	SHEET 266	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050104-PP.DWG
LAYOUT NAME - 03
PLOT DATE : 4/8/2022 9:05 AM
PLOT BY : ADMIN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

NOTES

SEE USH 53 MAINLINE SHEETS FOR DRAINAGE PIPES THAT CROSS BOTH THE USH 53 MAINLINE AND RAMP

SEE STH 70 PLAN & PROFILE SHEETS FOR ADDITIONAL INFORMATION

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION

LEGEND

- SLOPE INTERCEPT
- DELINEATED WETLAND BOUNDARY
- 6-INCH HMA PAVEMENT ∗

∗ SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

CURVE NO. 5 "D"
PI STA = 6689+47.86
Y = 564764.82
X = 749303.64
PC STA = 6687+23.87
Y=564540.87
X=749300.25
PT STA = 6691+61.13
Y=564959.30
X=749192.52
DELTA = 30°36'29"
D = 7°00'00"
T = 223.98'
L = 437.26'
R = 818.51'
EXISTING SE = 6.0%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 213'
RO (RUNOFF) = 160'

T 39 N R 12 W | 33 | 4 | T 38 N R 12 W

DO NOT DISTURB

CURVE NO. 6 "D"
PI STA = 6697+37.26
Y = 565459.53
X = 748906.71
PC STA = 6695+24.80
Y=565275.06
X=749012.11
PT STA = 6699+27.80
Y=565664.66
X=748962.04
DELTA = 44°50'08"
D = 11°07'31"
T = 212.45'
L = 403.00'
R = 515.00'
EXISTING SE = 5.1%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 165'
RO (RUNOFF) = 124'

STAGE 4B
STA 6699+69"D", LT&RT
EXISTING 42-INCH CPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STA 6699+08"D" - STA 6700+16"D", RT
SALVAGED RAIL (REMOVE)
SALVAGED GUARDRAIL END TREATMENTS (REMOVE)

STA 6700+60.85"D" = STA 250+71.88"EB"
Y=565,793.114
X=748,996.685

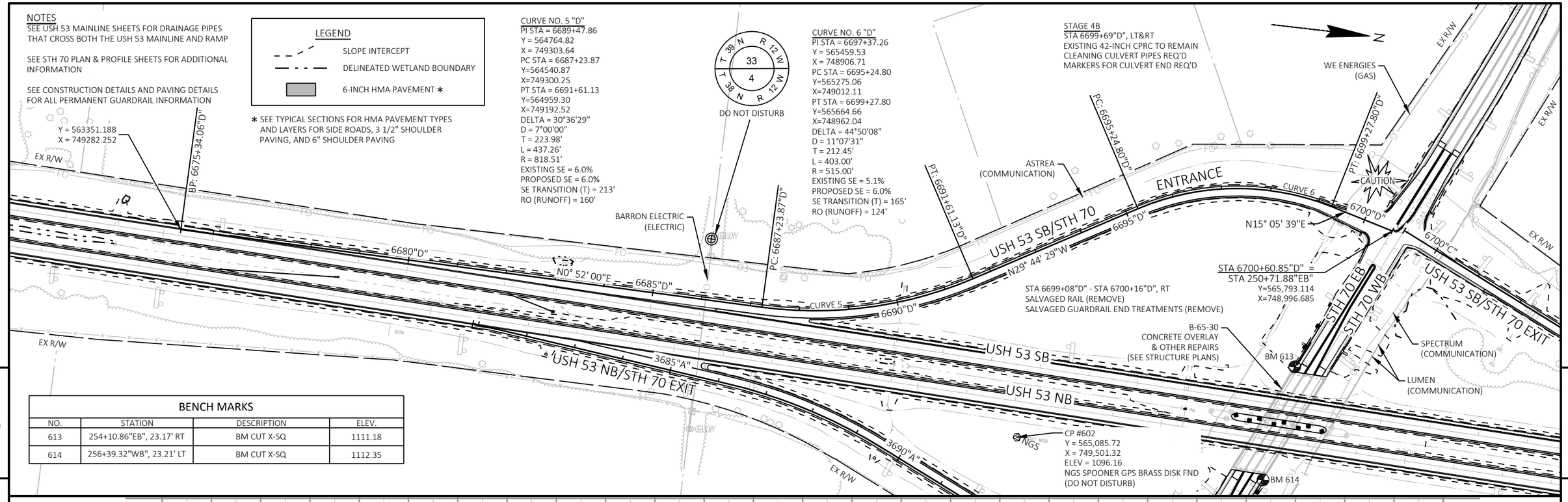
B-65-30
CONCRETE OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

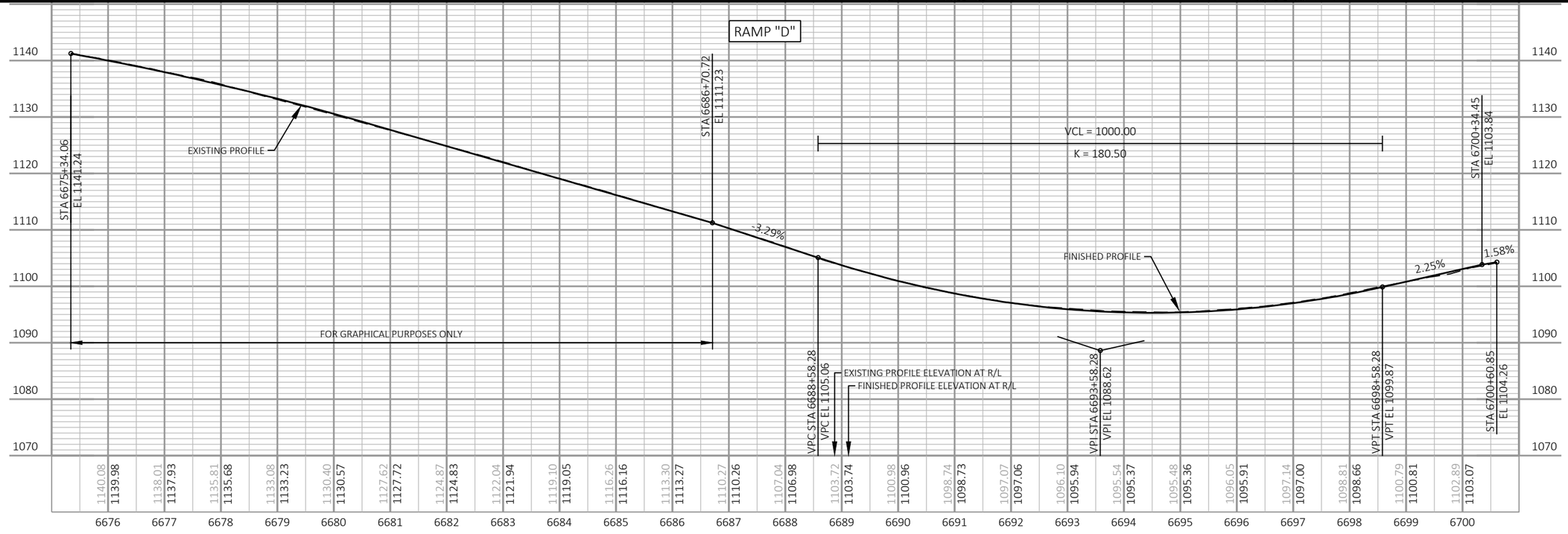
CP #602
Y = 565,085.72
X = 749,501.32
ELEV = 1096.16
NGS SPOONER GPS BRASS DISK FND
(DO NOT DISTURB)

BM 613

BM 614

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
613	254+10.86"EB", 23.17' RT	BM CUT X-SQ	1111.18
614	256+39.32"WB", 23.21' LT	BM CUT X-SQ	1112.35





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: USH 53 SB/STH 70 ENTRANCE	SHEET 267	E

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
611	3824+74.00, 97.18' LT	BM CUT SQ-X	1170.66

LEGEND

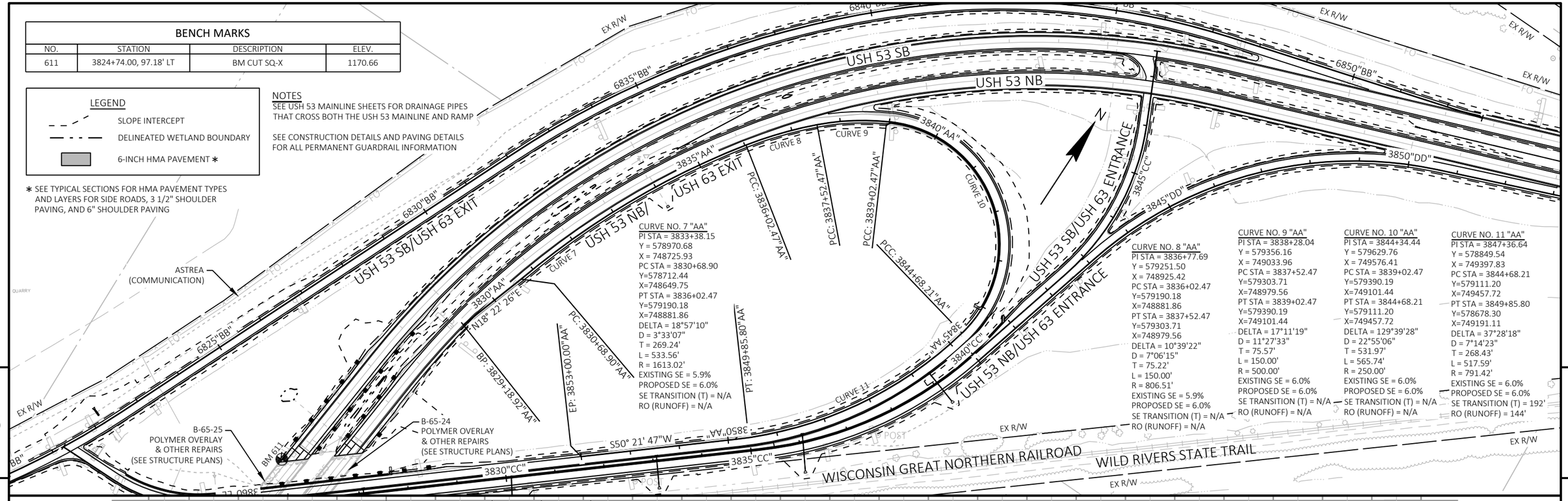
- SLOPE INTERCEPT
- DELINEATED WETLAND BOUNDARY
- 6-INCH HMA PAVEMENT ∗

∗ SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE USH 53 MAINLINE SHEETS FOR DRAINAGE PIPES THAT CROSS BOTH THE USH 53 MAINLINE AND RAMP

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION



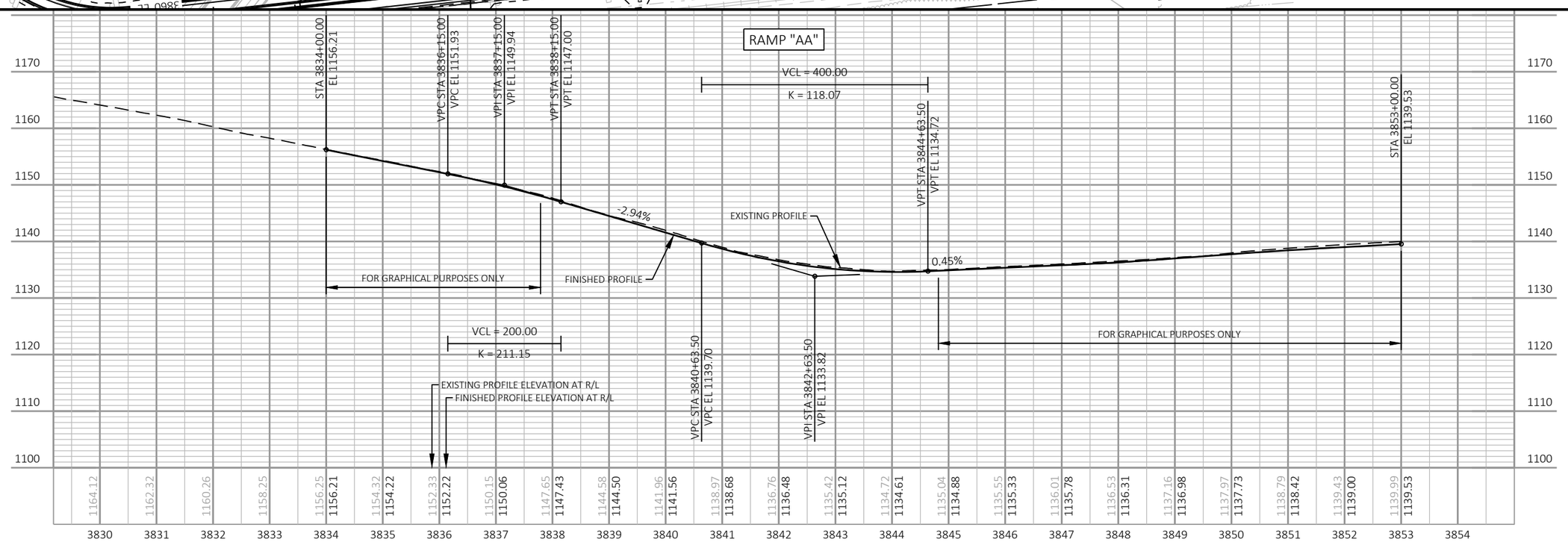
CURVE NO. 7 "AA"
PI STA = 3833+38.15
Y = 578970.68
X = 748725.93
PC STA = 3830+68.90
Y=578712.44
X=748649.75
PT STA = 3836+02.47
Y=579190.18
X=748881.86
DELTA = 18°57'10"
D = 3°33'07"
T = 269.24'
L = 533.56'
R = 1613.02'
EXISTING SE = 5.9%
PROPOSED SE = 6.0%
SE TRANSITION (T) = N/A
RO (RUNOFF) = N/A

CURVE NO. 8 "AA"
PI STA = 3836+77.69
Y = 579251.50
X = 748925.42
PC STA = 3836+02.47
Y=579190.18
X=748881.86
PT STA = 3837+52.47
Y=579303.71
X=748979.56
DELTA = 10°39'22"
D = 7°06'15"
T = 75.22'
L = 150.00'
R = 806.51'
EXISTING SE = 5.9%
PROPOSED SE = 6.0%
SE TRANSITION (T) = N/A
RO (RUNOFF) = N/A

CURVE NO. 9 "AA"
PI STA = 3838+28.04
Y = 579356.16
X = 749033.96
PC STA = 3837+52.47
Y=579303.71
X=748979.56
PT STA = 3839+02.47
Y=579390.19
X=749101.44
DELTA = 17°11'19"
D = 11°27'33"
T = 75.57'
L = 150.00'
R = 500.00'
EXISTING SE = 6.0%
PROPOSED SE = 6.0%
SE TRANSITION (T) = N/A
RO (RUNOFF) = N/A

CURVE NO. 10 "AA"
PI STA = 3844+34.44
Y = 579629.76
X = 749576.41
PC STA = 3839+02.47
Y=579390.19
X=749101.44
PT STA = 3844+68.21
Y=579111.20
X=749457.72
DELTA = 129°39'28"
D = 22°55'06"
T = 531.97'
L = 565.74'
R = 250.00'
EXISTING SE = 6.0%
PROPOSED SE = 6.0%
SE TRANSITION (T) = N/A
RO (RUNOFF) = N/A

CURVE NO. 11 "AA"
PI STA = 3847+36.64
Y = 578849.54
X = 749397.83
PC STA = 3844+68.21
Y=579111.20
X=749457.72
PT STA = 3849+85.80
Y=578678.30
X=749191.11
DELTA = 37°28'18"
D = 7°14'23"
T = 268.43'
L = 517.59'
R = 791.42'
EXISTING SE = 6.0%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 192'
RO (RUNOFF) = 144'



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: USH 53 NB/USH 63 EXIT	SHEET 268	E

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
611	3824+74.00, 97.18' LT	BM CUT SQ-X	1170.66

CURVE NO. 12 "BB"
PI STA = 6818+95.45
Y = 577693.84
X = 747969.40
PC STA = 6815+14.79
Y=577446.62
X=747679.93
PT STA = 6822+62.82
Y=578043.40
X=748120.09
DELTA = 26°10'52"
D = 3°30'00"
T = 380.66'
L = 748.03'
R = 1637.02'
EXISTING SE = 5.9%
PROPOSED SE = 5.9%
SE TRANSITION (T) = 210'
RO (RUNOFF) = 157'

CURVE NO. 13 "BB"
PI STA = 6836+25.56
Y = 579294.81
X = 748659.56
PC STA = 6832+09.20
Y=578912.47
X=748494.74
PT STA = 6840+29.09
Y=579573.86
X=748968.57
DELTA = 24°35'48"
D = 3°00'00"
T = 416.36'
L = 819.89'
R = 1909.86'
EXISTING SE = 5.7%
PROPOSED SE = 5.5%
SE TRANSITION (T) = 200'
RO (RUNOFF) = 147'

STAGE 1
STA 6822+18"BB", LT
EXISTING 24-INCH CPRC TO REMAIN
REMOVE EXISTING ENDWALL, LT
CULVERT PIPE TEMPORARY 24-INCH REQ'D
1-TEMPORARY AEW REQ'D

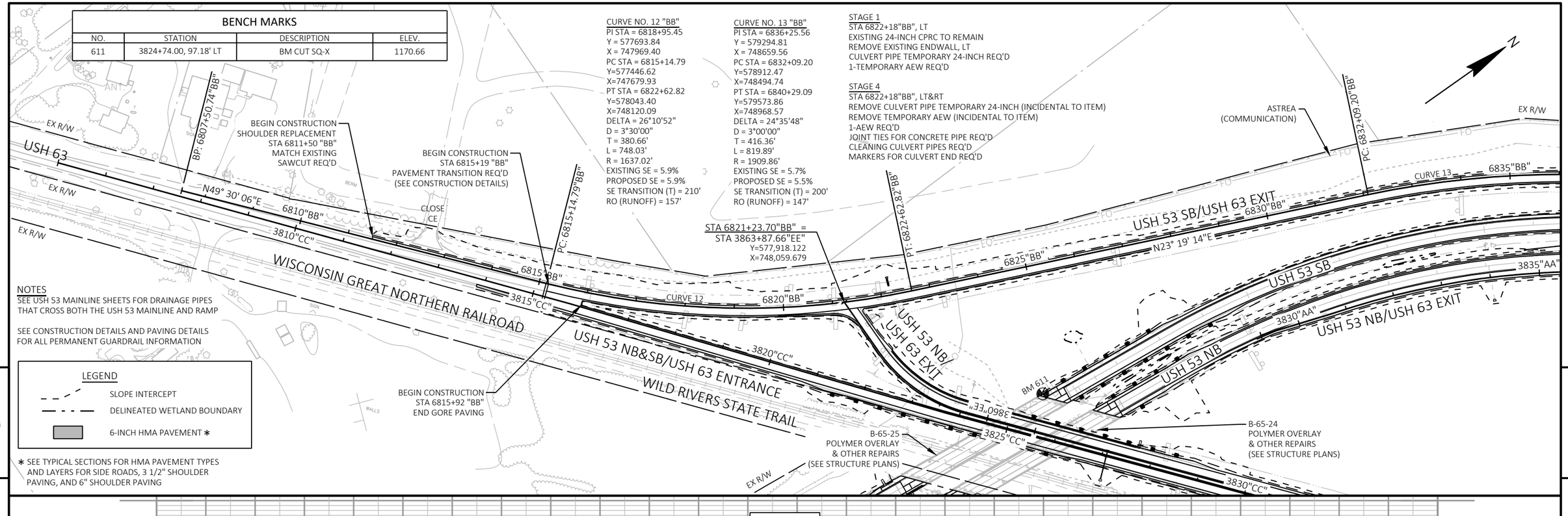
STAGE 4
STA 6822+18"BB", LT&RT
REMOVE CULVERT PIPE TEMPORARY 24-INCH (INCIDENTAL TO ITEM)
REMOVE TEMPORARY AEW (INCIDENTAL TO ITEM)
1-AEW REQ'D
JOINT TIES FOR CONCRETE PIPE REQ'D
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

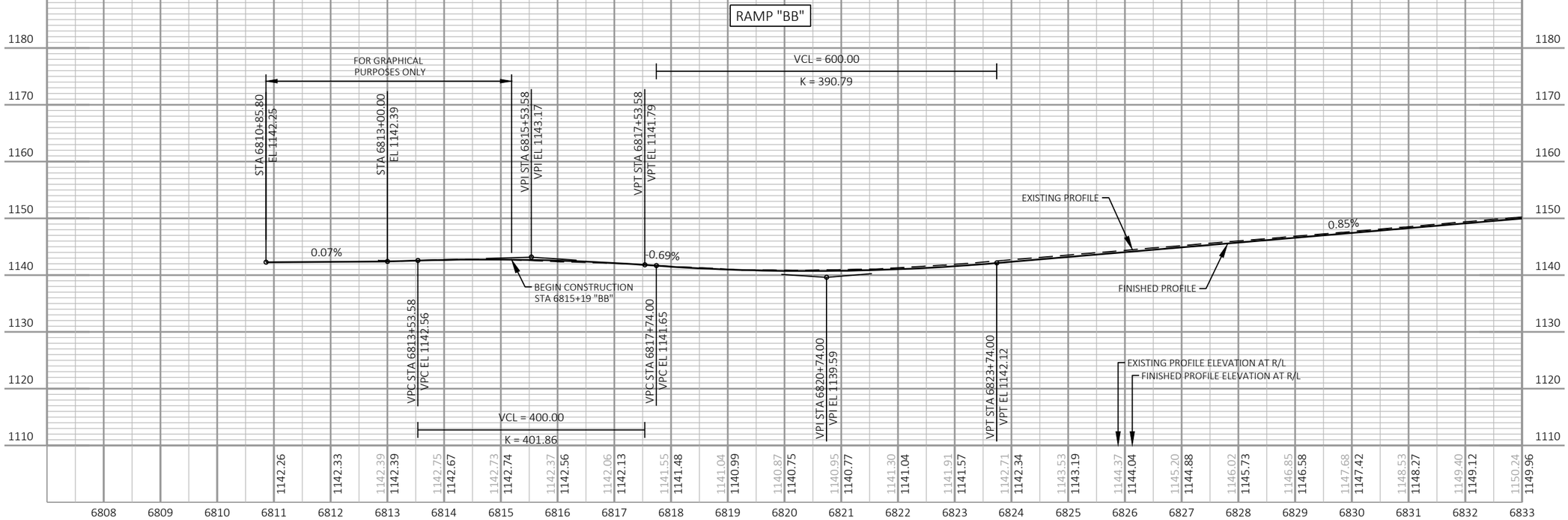
NOTES
SEE USH 53 MAINLINE SHEETS FOR DRAINAGE PIPES THAT CROSS BOTH THE USH 53 MAINLINE AND RAMP

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION

LEGEND
SLOPE INTERCEPT
DELINEATED WETLAND BOUNDARY
6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: USH 53 SB/USH 63 EXIT	SHEET 269	E

LEGEND

SLOPE INTERCEPT

DELINEATED WETLAND BOUNDARY

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE USH 53 MAINLINE SHEETS FOR DRAINAGE PIPES THAT CROSS BOTH THE USH 53 MAINLINE AND RAMP

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION

CURVE NO. 13 "BB"
PI STA = 6836+25.56
Y = 579294.81
X = 748659.56
PC STA = 6832+09.20
Y=578912.47
X=748494.74
PT STA = 6840+29.09
Y=579573.86
X=748968.57
DELTA = 24°35'48"
D = 3°00'00"
T = 416.36'
L = 819.89'
R = 1909.86'
EXISTING SE = 5.7%
PROPOSED SE = 5.5%
SE TRANSITION (T) = 200'
RO (RUNOFF) = 147'

CP #603
Y = 579,692.95
X = 748,962.30
ELEV = 1156.04
NGS 603-SPOONER-C
(DO NOT DISTURB)

ASTREA
(COMMUNICATION)

CURVE NO. 14 "BB"
PI STA = 6843+90.15
Y = 579815.84
X = 749236.54
PC STA = 6840+29.09
Y=579573.86
X=748968.57
PT STA = 6847+38.20
Y=579912.28
X=749584.49
DELTA = 26°35'30"
D = 3°45'00"
T = 361.06'
L = 709.11'
R = 1527.89'
EXISTING SE = 5.9%
PROPOSED SE = 6.0%
SE TRANSITION (T) = 213'
RO (RUNOFF) = 160'
SE TRANSITION
STA 6839+80 = 5.5%
STA 6840+00 = 6.0%

N

EX R/W

PC: 6832+09.20"BB"

PCC: 6840+29.09"BB"

PT: 6847+38.20"BB"

EP: 6852+74.57"BB"

6830"BB"

6835"BB"

6840"BB"

6845"BB"

6850"BB"

CURVE 13

CURVE 14

N23° 19' 14"E

N74° 30' 32"E

USH 53 SB/USH 63 EXIT

USH 53 SB

USH 53 NB

USH 53 NB/ USH 63 EXIT

USH 53 SB/ USH 63 ENTRANCE

USH 53 NB/USH 63 ENTRANCE

3830"AA"

3835"AA"

3840"AA"

3845"CC"

3845"DD"

3850"DD"

3855"DD"

LITTLE VALLEY RD

BARRON ELECTRIC
(ELECTRIC)

RAMP "BB"

VPC STA 6836+00.00
VPC EL 1152.50

VPI STA 6842+00.00
VPI EL 1157.58

VPT STA 6848+00.00
VPT EL 1136.28

VPI STA 6849+00.00
VPI EL 1132.73

VPT STA 6850+00.00
VPT EL 1131.73

VCL = 200.00
K = 78.43

FOR GRAPHICAL PURPOSES ONLY

STA 6850+35.75
EL 1131.37

STA 6851+50.00
EL 1130.14

EXISTING PROFILE

FINISHED PROFILE

VCL = 1200.00
K = 272.95

-1.00%

-1.08%

EXISTING PROFILE ELEVATION AT R/L

FINISHED PROFILE ELEVATION AT R/L

6833	6834	6835	6836	6837	6838	6839	6840	6841	6842	6843	6844	6845	6846	6847	6848	6849	6850	6851	6852	6853
1150.24	1151.16	1152.06	1152.53	1152.86	1153.24	1153.42	1152.96	1152.11	1150.93	1149.42	1147.59	1145.32	1142.80	1139.88	1136.79	1133.79	1131.84	1130.85	1129.82	
1149.96	1150.81	1151.65	1152.50	1153.16	1153.46	1153.39	1152.96	1152.15	1150.98	1149.45	1147.55	1145.28	1142.65	1139.65	1136.28	1133.37	1131.73	1130.68		

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: USH 53 SB/USH 63 EXIT	SHEET 270	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050104-PP.DWG
LAYOUT NAME - 07

PLOT DATE : 4/8/2022 9:06 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

LEGEND

SLOPE INTERCEPT

DELINEATED WETLAND BOUNDARY

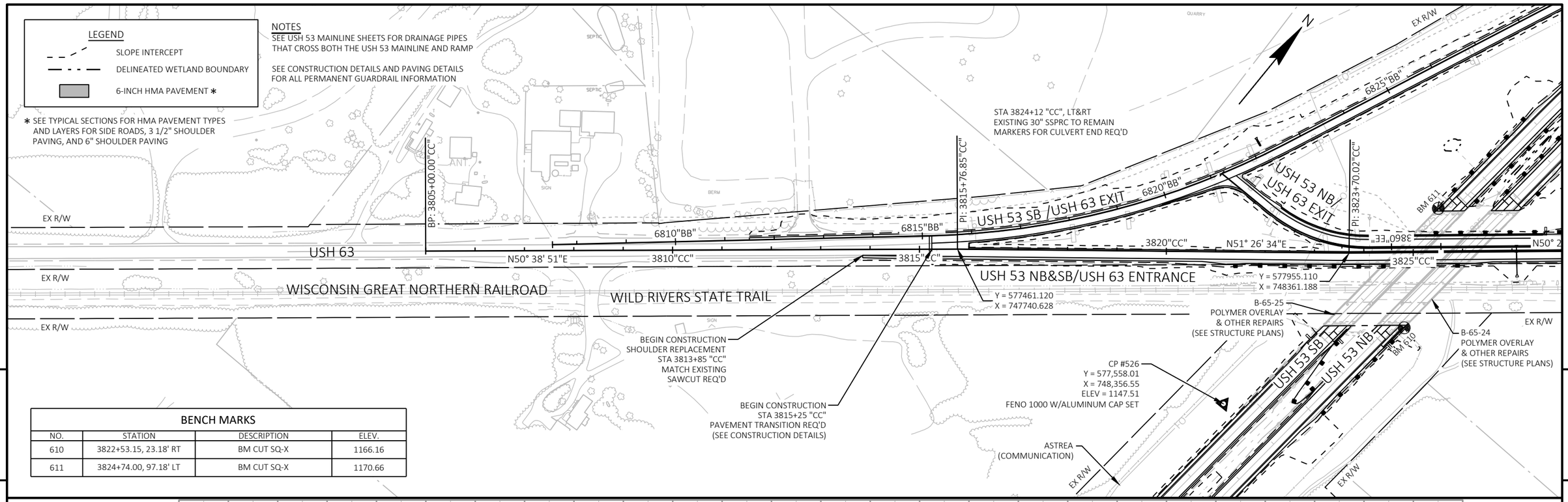
6-INCH HMA PAVEMENT ✱

✱ SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE USH 53 MAINLINE SHEETS FOR DRAINAGE PIPES THAT CROSS BOTH THE USH 53 MAINLINE AND RAMP

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION

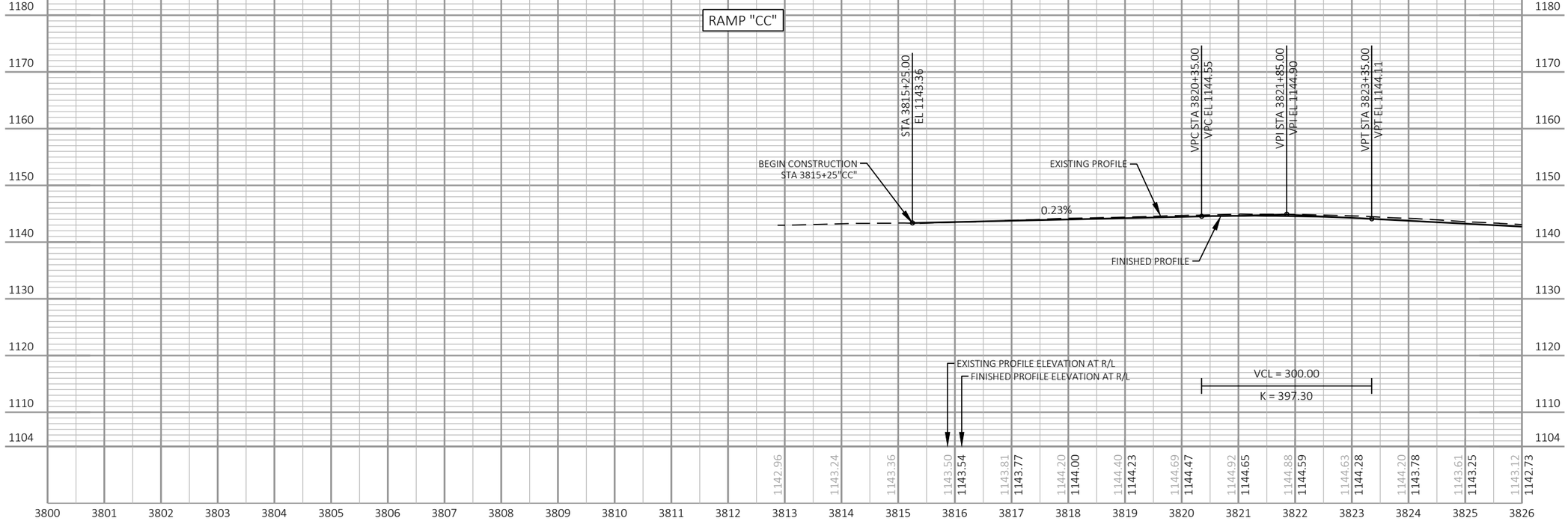


5

5

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
610	3822+53.15, 23.18' RT	BM CUT SQ-X	1166.16
611	3824+74.00, 97.18' LT	BM CUT SQ-X	1170.66



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: USH 53 NB&SB/USH 63 ENTRANCE & USH 53 NB/USH 63 EXIT	SHEET 271	E

LEGEND

SLOPE INTERCEPT

DELINEATED WETLAND BOUNDARY

6-INCH HMA PAVEMENT *

* SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

NOTES

SEE USH 53 MAINLINE SHEETS FOR DRAINAGE PIPES THAT CROSS BOTH THE USH 53 MAINLINE AND RAMP

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION

ASTREA (COMMUNICATION)

CP #603
Y = 579,692.95
X = 748,962.30
ELEV = 1156.04
NGS 603-SPOONER-C
(DO NOT DISTURB)

T 39 N
R 16 W
21
12

DO NOT DISTURB

EX R/W

6820"BB"

6825"BB"

6830"BB"

6835"BB"

6840"BB"

6845"BB"

6850"BB"

3820"CC"

N51° 26' 34"E

USH 53 NB/ USH 63 EXIT

PI: 3823+70.02"CC"

STA 3824+95.35"CC" =
STA 6824+36.36
Y=578,035.446
X=748,457.386

BM 611

3835"AA"

3830"AA"

CURVE NO. 15 "CC"
PI STA = 3837+66.28
Y = 578846.20
X = 749436.14
PC STA = 3835+18.76
Y=578688.31
X=749245.52
PT STA = 3839+98.31
Y=579084.88
X=749501.71
DELTA = 35°00'05"
D = 7°17'56"
T = 247.52'
L = 479.55'
R = 785.00'
EXISTING SE = 6.0%
PROPOSED SE = 5.9%
SE TRANSITION (T) = 175'
RO (RUNOFF) = 131'

CURVE NO. 16 "CC"
PI STA = 3844+33.83
Y = 579504.84
X = 749617.08
PC STA = 3842+50.24
Y=579327.81
X=749568.45
PT STA = 3846+02.03
Y=579671.10
X=749539.22
DELTA = 40°27'22"
D = 11°30'00"
T = 183.59'
L = 351.79'
R = 498.22'
EXISTING SE = 3.0%
PROPOSED SE = 3.0%
SE TRANSITION (T) = 85'
RO (RUNOFF) = 51'
SE TRANSITION
STA 3845+71 = 3.0%
STA 3846+56 = 1.75%

STA 3847+52.65"CC" =
STA 6846+01.27
Y=579,807.496
X=749,475.340

EP: 3847+52.65"CC"

3840"AA"

STA 3846+78.65"CC" =
STA 3844+59.55
Y=579,740.481
X=749,506.724

N25° 05' 40"W

CP #526
Y = 577,558.01
X = 748,356.55
ELEV = 1147.51
FENO 1000 W/ALUMINUM CAP SET

Y = 577955.110
X = 748361.188

3825"CC"

N50° 21' 47"E

USH 53 SB

USH 53 NB

BM 610

EX R/W

USH 53 NB&SB/USH 63 ENTRANCE

3830"CC"

STA 3826+00.06"CC" =
STA 3824+45.59
Y=578,102.244
X=748,538.025

B-65-24
POLYMER OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

B-65-25
POLYMER OVERLAY
& OTHER REPAIRS
(SEE STRUCTURE PLANS)

WILD RIVERS STATE TRAIL

3850"AA"

PC: 3835+18.76"CC"

USH 53 NB/ USH 63 EXIT

3845"AA"

3835"CC"

CURVE 15

3840"CC"

N15° 21' 42"E

USH 53 SB/USH 63 ENTRANCE

CURVE 16

3845"CC"

3845"DD"

PT: 3846+02.03"CC"

USH 53 SB/USH 63 EXIT

USH 53 SB

USH 53 NB

3850"DD"

USH 53 NB/USH 63 ENTRANCE

PI: 3839+98.31"CC"

WISCONSIN GREAT NORTHERN RAILROAD

WILD RIVERS STATE TRAIL

EX R/W

STAGE 2
STA 3827+09"CC", LT
2-REMOVING INLETS
2-INLETS 2X3-FT REQ'D
2-INLET COVERS TYPE HM REQ'D

STA 3827+09"CC", LT&RT
REMOVING STORM SEWER 12-INCH
REMOVING STORM SEWER 18-INCH
SSPRC CLASS III 12-INCH REQ'D
SSPRC CLASS III 18-INCH REQ'D
1-AEW REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3830+12"CC", LT
REMOVING INLETS
1-INLETS 2X3-FT REQ'D
1-INLET COVERS TYPE HM REQ'D

STA 3830+11"CC", LT
REMOVING INLETS
1-INLETS 2X3-FT REQ'D
1-INLET COVERS TYPE HM REQ'D

STA 3830+11"CC", LT&RT
REMOVING STORM SEWER 12-INCH
REMOVING STORM SEWER 18-INCH
SSPRC CLASS III 12-INCH REQ'D
SSPRC CLASS III 18-INCH REQ'D
1-AEW REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3833+08"CC", LT
2-REMOVING INLETS
2-INLETS 2X3-FT REQ'D
2-INLET COVERS TYPE HM REQ'D

STA 3833+08"CC", LT&RT
REMOVING STORM SEWER 12-INCH
REMOVING STORM SEWER 18-INCH
SSPRC CLASS III 12-INCH REQ'D
SSPRC CLASS III 18-INCH REQ'D
1-AEW REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3836+09"CC", LT
REMOVING INLETS
1-INLETS 2X3-FT REQ'D
1-INLET COVERS TYPE HM REQ'D

STA 3836+07"CC", LT
REMOVING INLETS
1-INLETS 2X3-FT REQ'D
1-INLET COVERS TYPE HM REQ'D

STA 3836+07"CC", LT&RT
REMOVING STORM SEWER 18-INCH
SSPRC CLASS III 18-INCH REQ'D
1-AEW REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3839+05"CC", LT
REMOVING INLETS
1-INLETS 2X3-FT REQ'D
1-INLET COVERS TYPE HM REQ'D

STA 3839+07"CC", LT
REMOVING INLETS
1-INLETS 2X3-FT REQ'D
1-INLET COVERS TYPE HM REQ'D

STA 3839+07"CC", LT&RT
REMOVING STORM SEWER 18-INCH
SSPRC CLASS III 18-INCH REQ'D
1-AEW REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3840+07"CC", LT&RT
EXISTING 24" CPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

STAGE 2
STA 3845+83"CC", LT&RT
EXISTING 24" CPRC TO REMAIN
CLEANING CULVERT PIPES REQ'D
MARKERS FOR CULVERT END REQ'D

BENCH MARKS

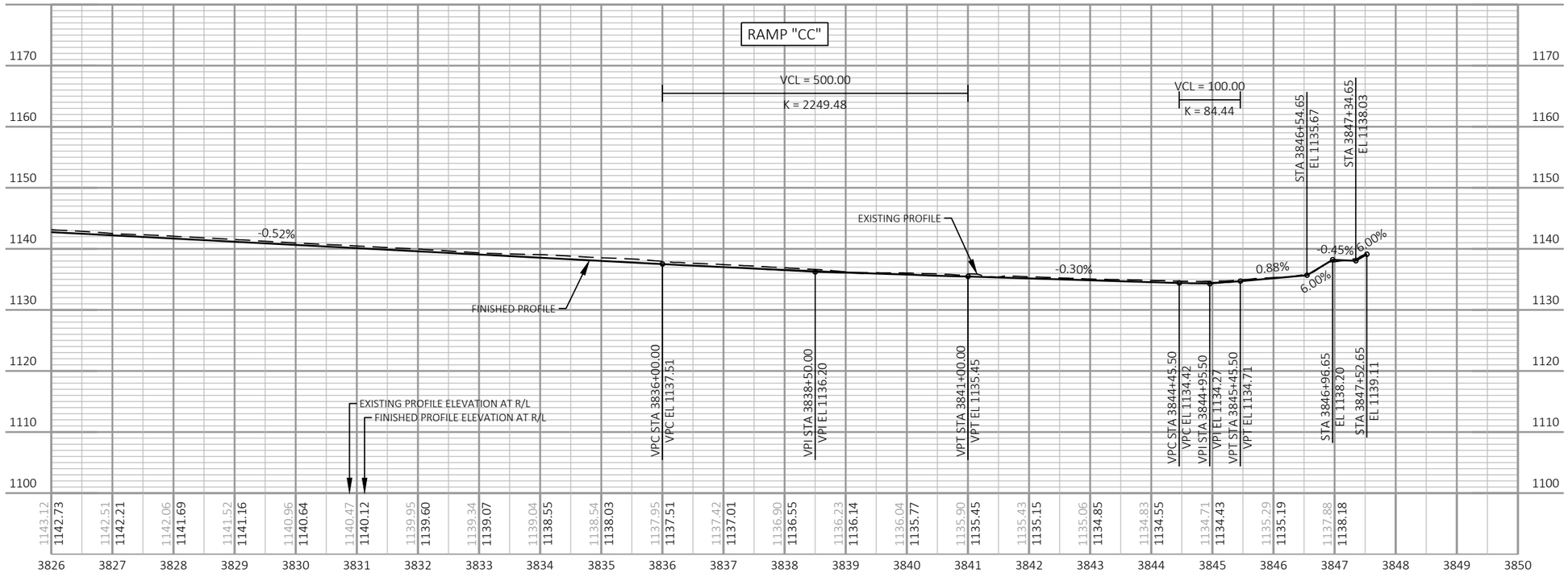
NO.	STATION	DESCRIPTION	ELEV.
610	3822+53.15, 23.18' RT	BM CUT SQ-X	1166.16
611	3824+74.00, 97.18' LT	BM CUT SQ-X	1170.66

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN: USH 53 NB&SB/USH 63 ENTRANCE & USH 53 NB/USH 63 EXIT	SHEET 272	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050104-PP.DWG
LAYOUT NAME - 09

PLOT DATE : 4/8/2022 9:07 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

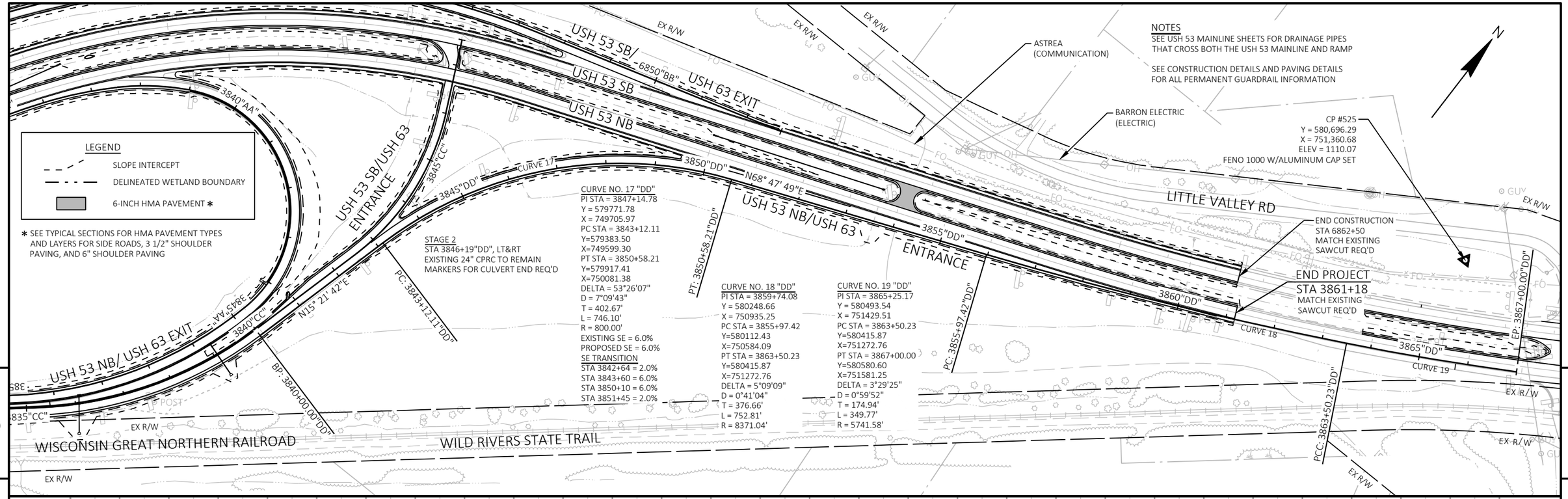


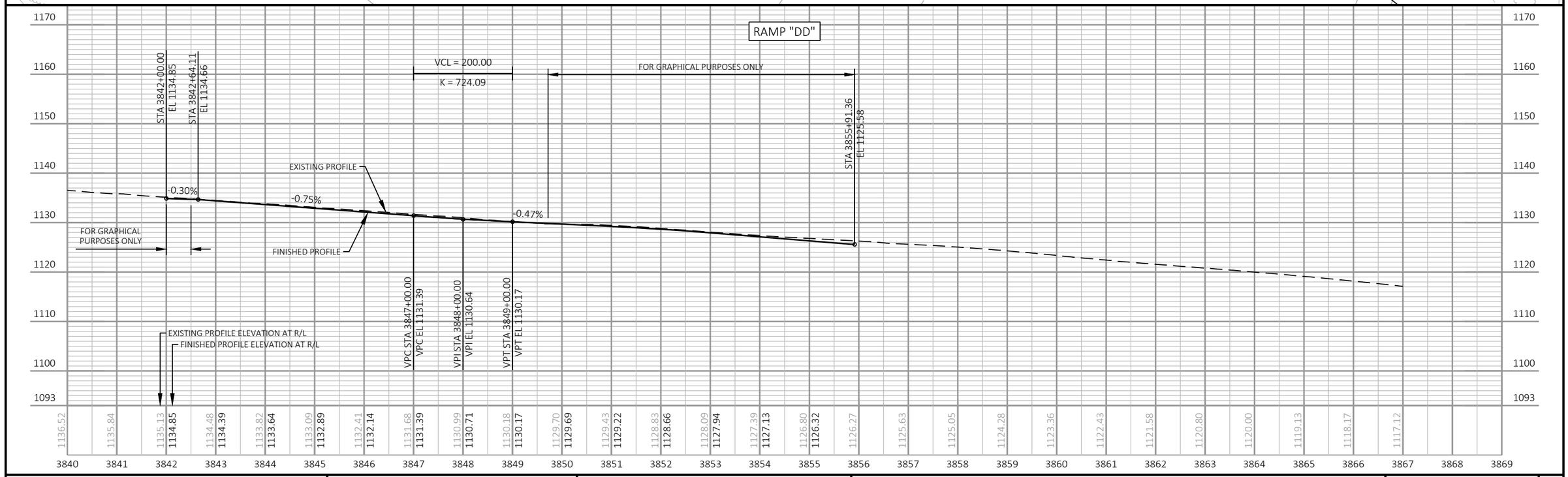
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PROFILE: USH 53 NB&SB/USH 63 ENTRANCE & USH 53 NB/USH 63 EXIT	SHEET 273	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050104-PP.DWG
LAYOUT NAME - 09 (2)

PLOT DATE : 4/8/2022 9:07 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: USH 53 NB/USH 63 ENTRANCE	SHEET 274	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\050104-PP.DWG
LAYOUT NAME - 10
PLOT DATE : 4/8/2022 9:08 AM
PLOT BY : ADMIN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

LEGEND

SLOPE INTERCEPT

DELINEATED WETLAND BOUNDARY

6-INCH HMA PAVEMENT ∗

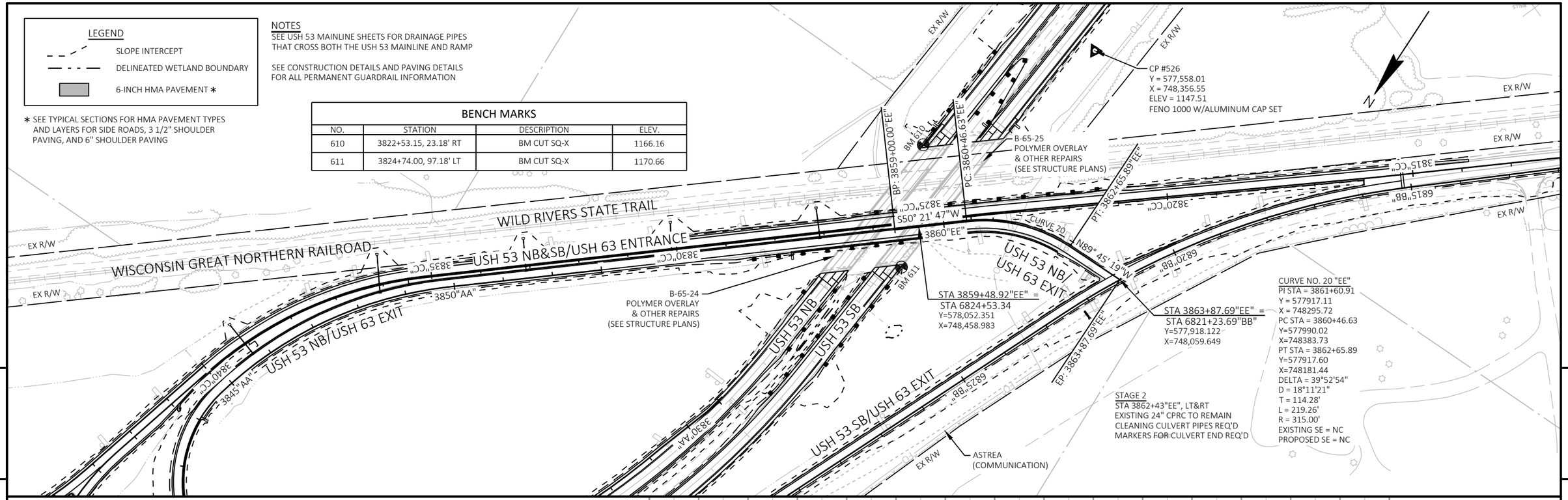
∗ SEE TYPICAL SECTIONS FOR HMA PAVEMENT TYPES AND LAYERS FOR SIDE ROADS, 3 1/2" SHOULDER PAVING, AND 6" SHOULDER PAVING

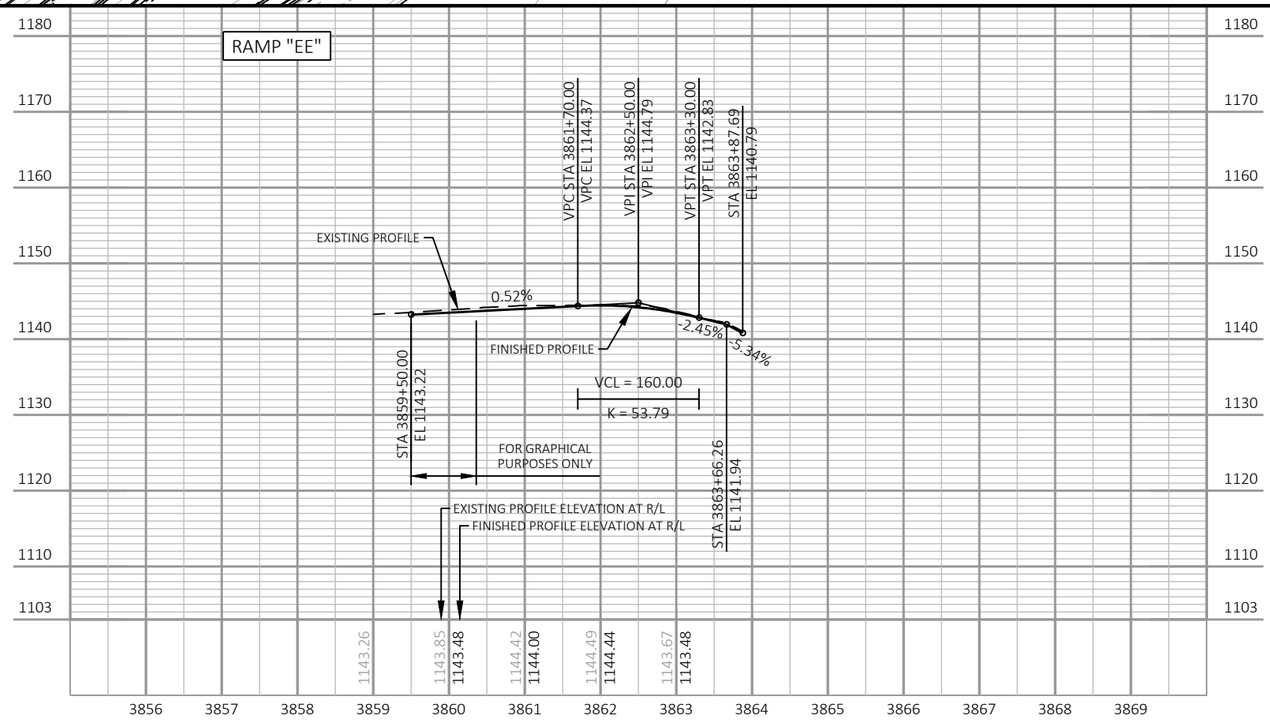
NOTES

SEE USH 53 MAINLINE SHEETS FOR DRAINAGE PIPES THAT CROSS BOTH THE USH 53 MAINLINE AND RAMP

SEE CONSTRUCTION DETAILS AND PAVING DETAILS FOR ALL PERMANENT GUARDRAIL INFORMATION

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
610	3822+53.15, 23.18' RT	BM CUT SQ-X	1166.16
611	3824+74.00, 97.18' LT	BM CUT SQ-X	1170.66





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	PLAN AND PROFILE: USH 53 NB/USH 63 EXIT	SHEET 275	E

Standard Detail Drawing List

08A05-19B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-19C	INLET COVERS TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S
08C06-02	INLETS 3-FT AND 4-FT DIAMETER
08C07-02	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08C08-02	INLETS MEDIAN 1 AND 2 GRATE
08D01-22A	CONCRETE CURB & GUTTER
08D01-22B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D02-07A	CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES
08D02-07B	CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES
08D02-07C	CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES
08D04-06	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E14-01	TRACKING PAD
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
08F07-05	STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED SIDE DRAINS
11A01-06	MAINTENANCE CROSSOVER FOR FREEWAYS
11B02-02	CONCRETE MEDIAN NOSE
13A03-06	CONCRETE PAVEMENT SHOULDERS
13A05-05A	SHOULDER RUMBLE STRIP, MILLING
13A05-05B	SHOULDER RUMBLE STRIP, MILLING
13B02-09A	CONCRETE PAVEMENT APPROACH SLAB
13B02-09B	STRUCTURAL APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB
13C01-19	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C11-13A	RURAL DOWELED CONCRETE PAVEMENT
13C11-13B	RURAL DOWELED CONCRETE PAVEMENT
13C17-01A	CONCRETE JOINT DETAIL FOR EXIT RAMP TERMINI
13C17-01B	CONCRETE JOINT DETAIL FOR ENTRANCE RAMP TERMINI
13C18-07A	CONCRETE PAVEMENT JOINTING
13C18-07B	CONCRETE PAVEMENT STEEL REINFORCEMENT
13C18-07C	CONCRETE PAVEMENT JOINT TYPES
13C18-07D	CONCRETE PAVEMENT JOINT TYPES AT UTILITY FIXTURES
13C18-07F	CONCRETE PAVEMENT INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER
13C18-07G	CONCRETE PAVEMENT JOINTING ACCELERATION/DECELERATION LANE
14B07-16A	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16B	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16C	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16D	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16E	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16F	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16G	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16H	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16I	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16J	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16K	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16L	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16M	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16N	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B08-02A	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02B	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02C	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02D	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02E	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B20-11A	STEEL THRIE BEAM STRUCTURE APPROACH
14B20-11B	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SQUARE END PARAPETS
14B20-11C	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO VERTICAL FACED PARAPETS
14B20-11D	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SLOPED END PARAPETS
14B20-11E	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPES "F" AND "W"
14B20-11F	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPE "M"
14B20-11G	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTOR PLATE DETAIL
14B20-11H	STEEL THRIE BEAM STRUCTURE APPROACH, SINGLE SLOPE ATTACHMENT
14B26-04A	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-04B	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-04C	STEEL THRIE BEAM BULLNOSE TERMINAL

6

Standard Detail Drawing List

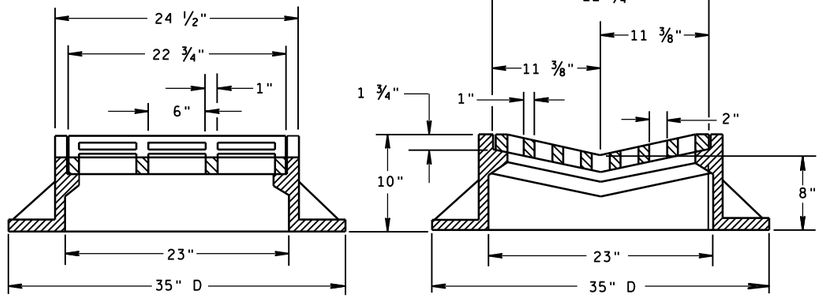
14B26-04D	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-04E	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-04F	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-04G	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-04H	STEEL THRIE BEAM BULLNOSE TERMINAL
14B28-04A	GUARDRAIL MOW STRIP
14B28-04B	GUARDRAIL MOW STRIP
14B29-01	SAFETY EDGE
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-05A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05E	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05F	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05H	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05I	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05J	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05K	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05L	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B47-03A	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-03B	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-03C	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-03D	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-03E	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-03F	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-03G	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B49-01A	RETROFIT CANTILEVER SLOPED END
14B49-01B	RETROFIT CANTILEVER SLOPED END
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15A04-07A	FLEXIBLE DELINEATOR POST
15A04-07C	DELINEATOR BRACKET WITH REFLECTIVE SHEETING
15A04-07E	DELINEATOR POST WITH REFLECTIVE SHEETING
15B01-08A	FENCE WOVEN WIRE
15B01-08B	FENCE WOVEN WIRE
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-08B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-08D	ON RAMP LANE CLOSURE
15C02-08E	OFF RAMP LANE CLOSURE
15C02-08F	ADVANCED WIDTH RESTRICTION SIGNING
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C08-22A	LONGITUDINAL MARKING (MAINLINE)
15C08-22C	PAVEMENT MARKING (TURN LANES)
15C08-22D	PAVEMENT MARKING (TURN LANES)
15C11-09A	CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST
15C11-09B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C14-04	AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS
15C18-06A	MEDIAN ISLAND MARKING PAVEMENT MARKINGS
15C18-06B	MEDIAN ISLAND MARKING MEDIAN ISLAND NOSE
15C19-07C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C31-04A	PAVEMENT MARKING EXIT RAMP AND PARALLEL EXIT RAMP
15C31-04B	PAVEMENT MARKING MAJOR SPLIT FREEWAY TO FREEWAY
15C31-04C	PAVEMENT MARKING ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP
15C31-04D	PAVEMENT MARKING SERVICE INTERCHANGE LANE DROP AND LANE REDUCTION MARKING
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING

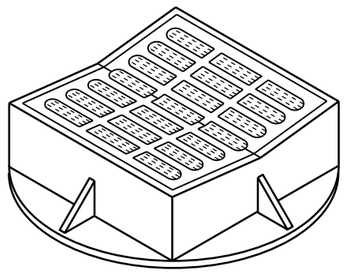
6

Standard Detail Drawing List

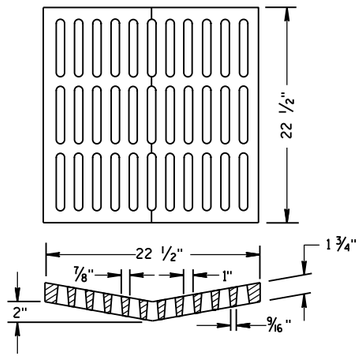
15D05-05	TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER
15D06-05	TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION
15D07-05	TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER
15D08-08	TRAFFIC CONTROL, TEMPORARY ENTRANCE RAMP CROSSOVER
15D09-06	TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT
15D10-05	TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER
15D11-08	TRAFFIC CONTROL, SINGLE LANE CROSSOVER
15D12-10B	TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION
15D13-02	TEMPORARY EMERGENCY PULLOUTS
15D15-06C	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D15-06D	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D16-05	TRAFFIC CONTROL, EXIT RAMP CLOSURE
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D27-03	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
15D40-04B	TRAFFIC CONTROL, FULL LANE SHIFT MULTILANE DIVIDED 50 MPH AND GREATER
15D40-04D	TRAFFIC CONTROL, PARTIAL LANE SHIFT MULTILANE DIVIDED 50 MPH AND GREATER
15D46-01	TRAFFIC CONTROL, ONE - WAY SIGNING

6



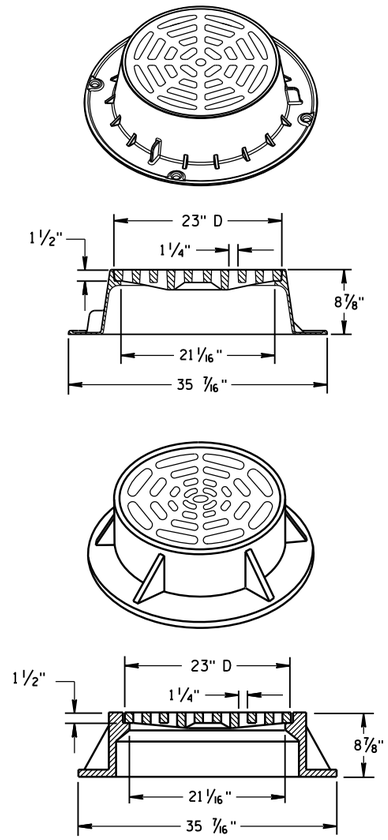


TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.
NOTED AS TYPE B-A ON THE DRAINAGE TABLE



TYPE "C"

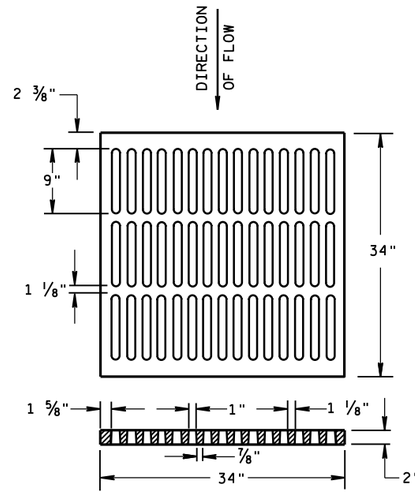
NOTE: EITHER CASTING IS ACCEPTABLE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

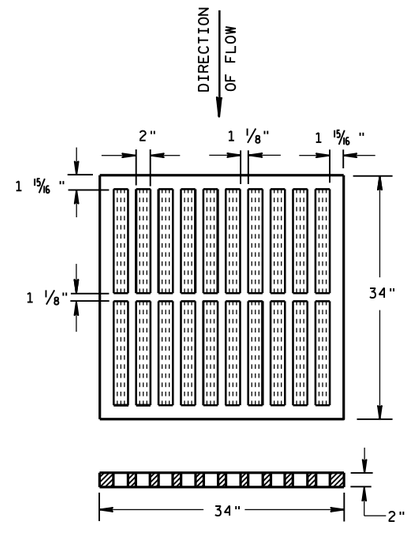
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



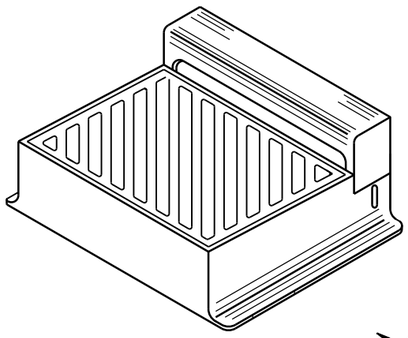
ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

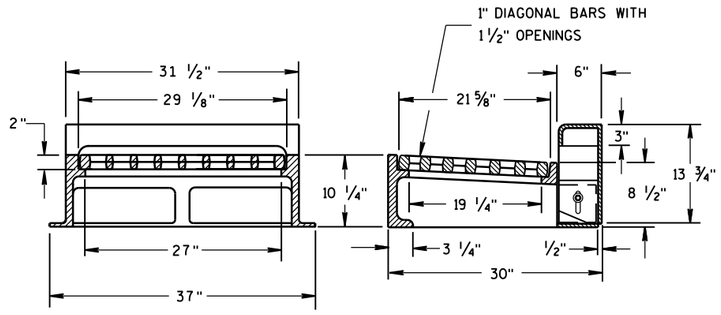


TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS
NOTED AS TYPE MS ON DRAINAGE TABLE



DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

TYPE "WM"

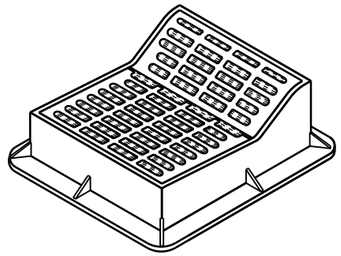
INLET COVERS
TYPE B, B-A, C,
MS, MS-A, & WM

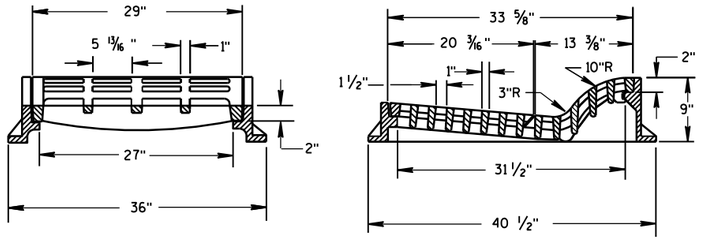
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER
FHWA

6

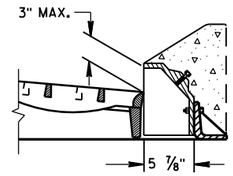
S.D.D. 8 A 5-19b





TYPE "F"

USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.



ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

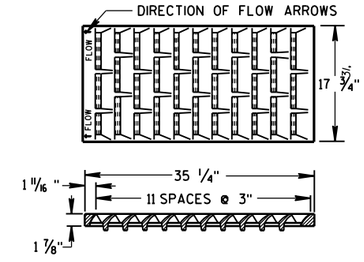
USE WITH TYPES G & J CONCRETE CURB & GUTTER, 30 INCH
NOTED AS TYPE HM-GJ ON DRAINAGE TABLE

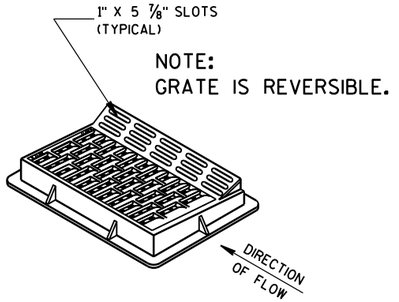
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM-GJ" COVER
NOTED AS TYPE HM-GJ-S ON DRAINAGE TABLE

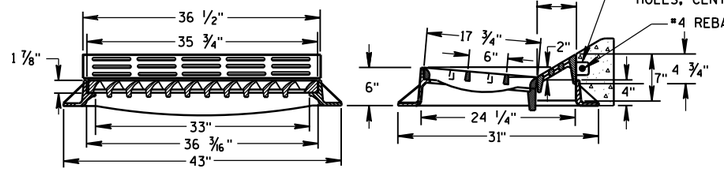
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.



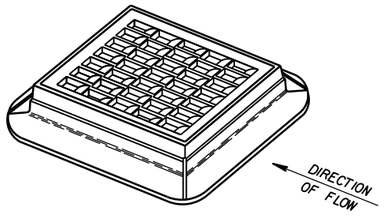


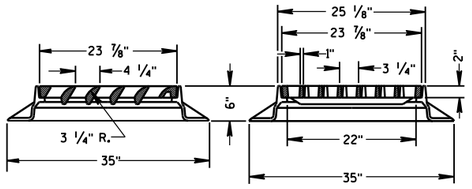


TYPE "HM"

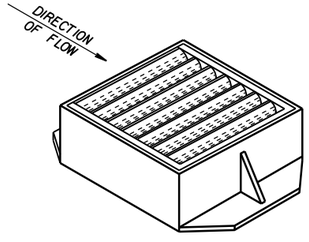
USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.

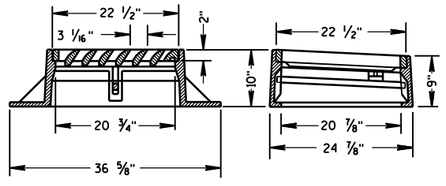
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM" COVER
NOTED AS TYPE HM-S ON DRAINAGE TABLE



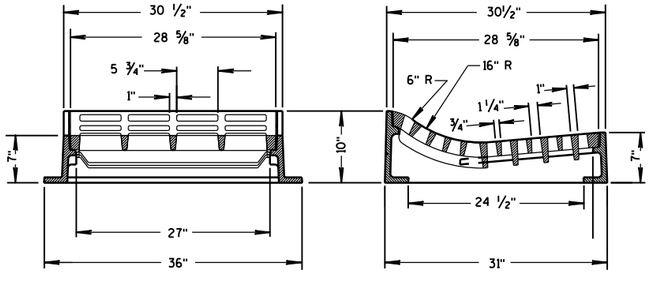


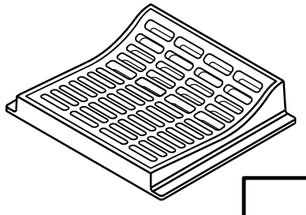
TYPE "S"





TYPE "V"





TYPE "T"

USE WITH TYPES R & T CONCRETE CURB & GUTTER, 36 INCH.

INLET COVERS
TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S

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APPROVED
11/27/2013
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

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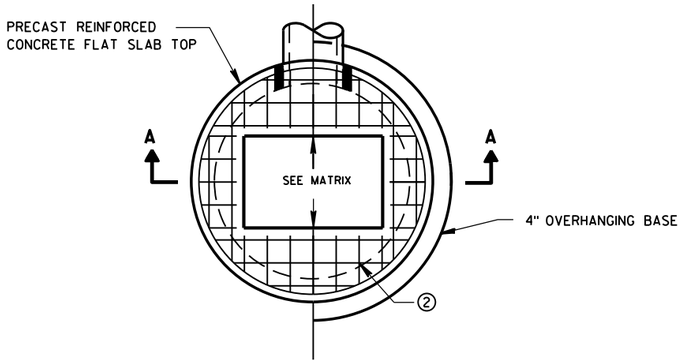
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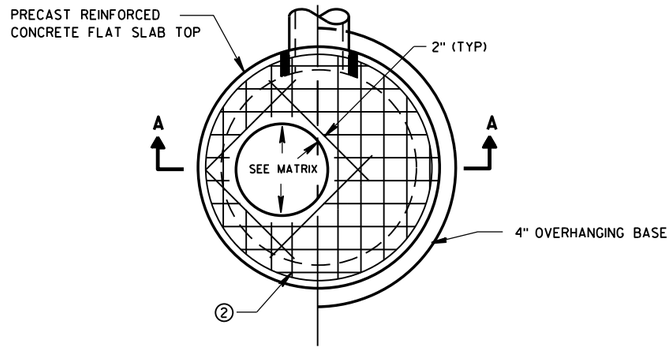
S.D.D. 8 A 5-19c

6

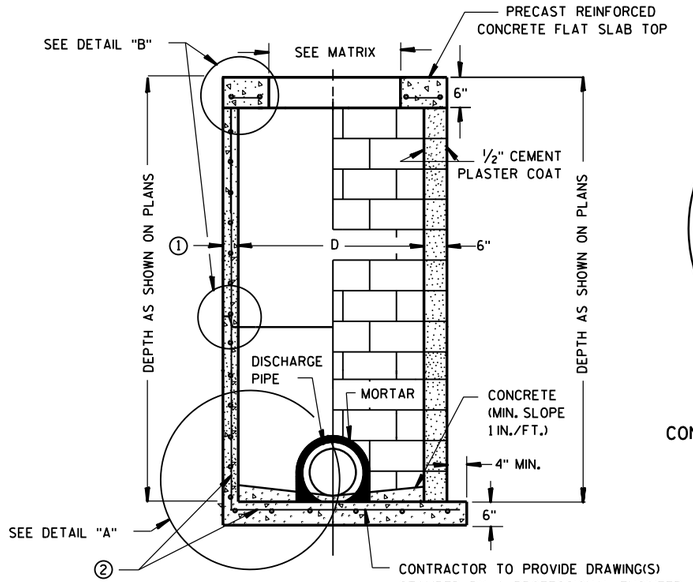
S.D.D. 8 A 5-19c



PLAN VIEW RECTANGULAR OPENING



PLAN VIEW CIRCULAR OPENING

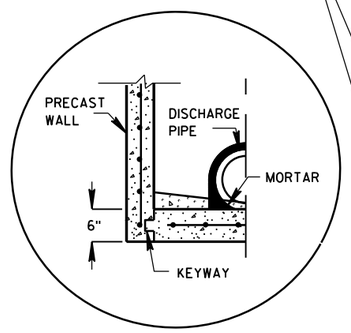


SECTION A-A

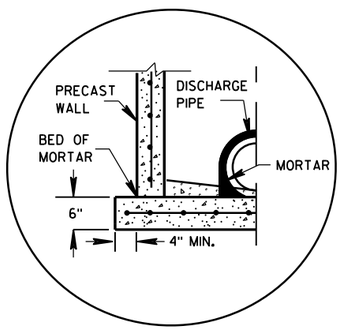
PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

CIRCULAR INLETS W/ FLAT TOP

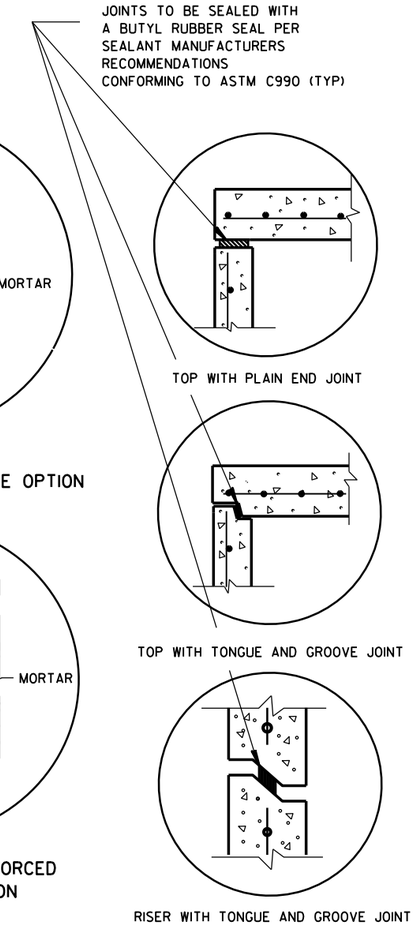


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



DETAIL "B"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

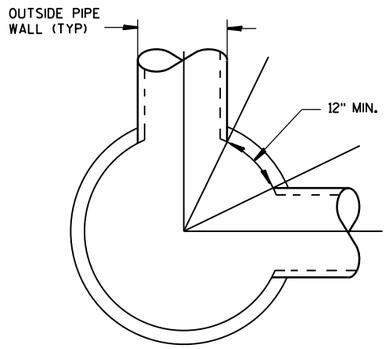
FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4-IN FOR 3-FT DIAMETER AND 5-IN FOR 4-FT DIAMETER PRECAST INLETS.

② FOR PRECAST CATCH BASINS PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

INLET COVER OPENING MATRIX

	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
INLET SIZE	OPENING SIZE (FT)											
3-FT	2 DIA.				X							X
	2X2	X	X					X		X		
4-FT	2 DIA.				X							X
	2X2	X	X					X		X		
	2X2.5			X				X	X	X	X	
	2X3						X					
	2.5X3					X						



DETAIL "C"

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

INLETS 3-FT AND 4-FT DIAMETER

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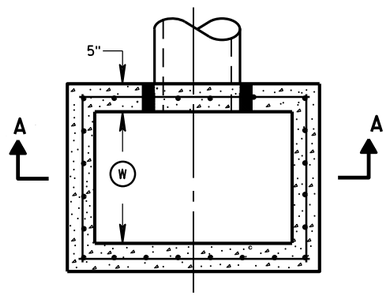
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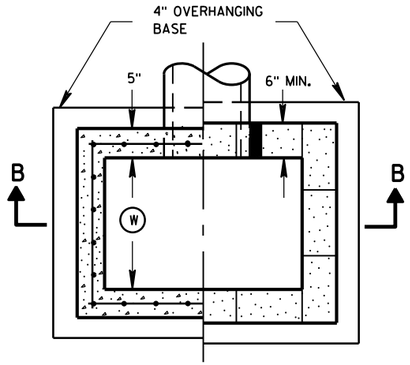
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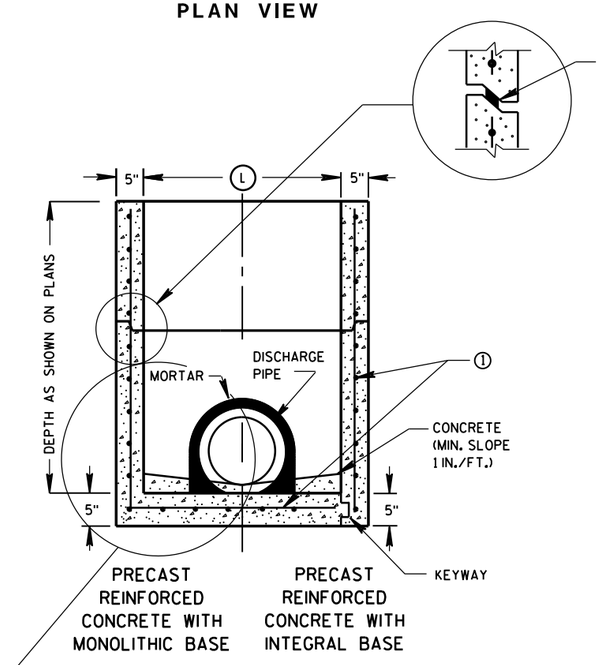
INLETS 3-FT AND 4-FT DIAMETER



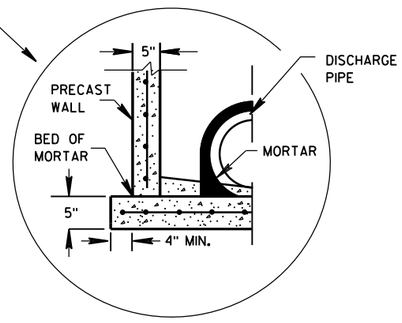
PLAN VIEW



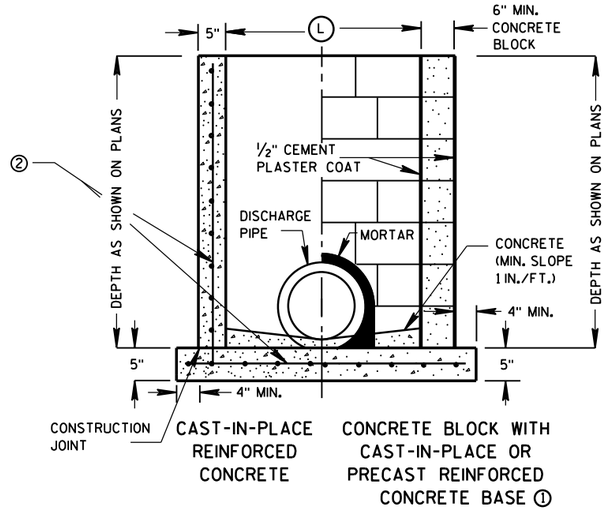
PLAN VIEW



SECTION A-A



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION



SECTION B-B

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

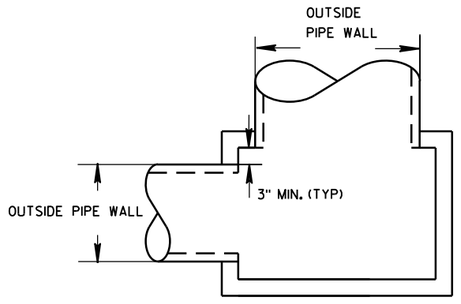
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



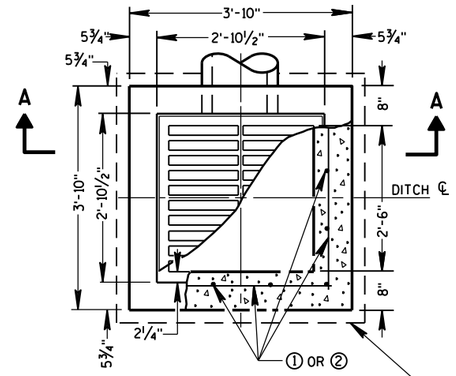
DETAIL "A"

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

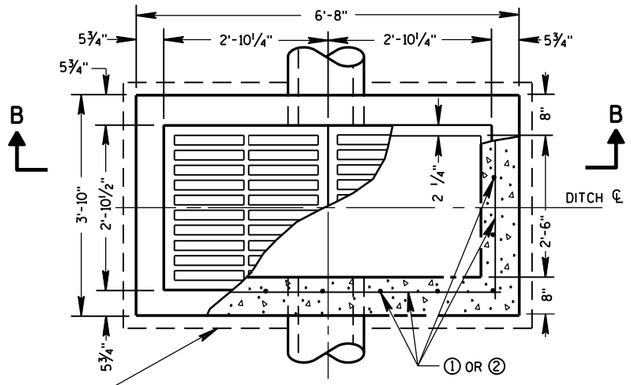
STATE OF WISCONSIN
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DATE
/S/ Rodney Taylor
ROADWAY STANDARDS D IT
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S.D.D. 8 C 7-2

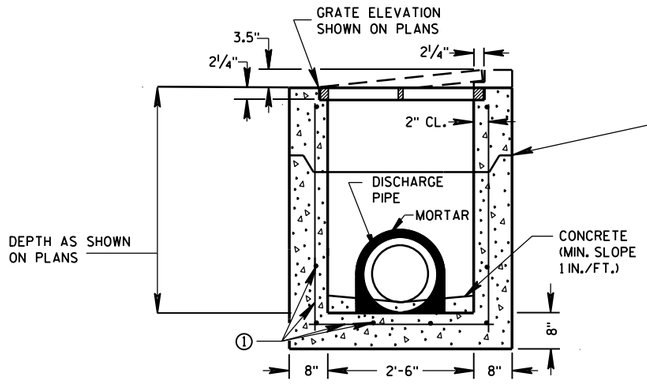


PLAN VIEW

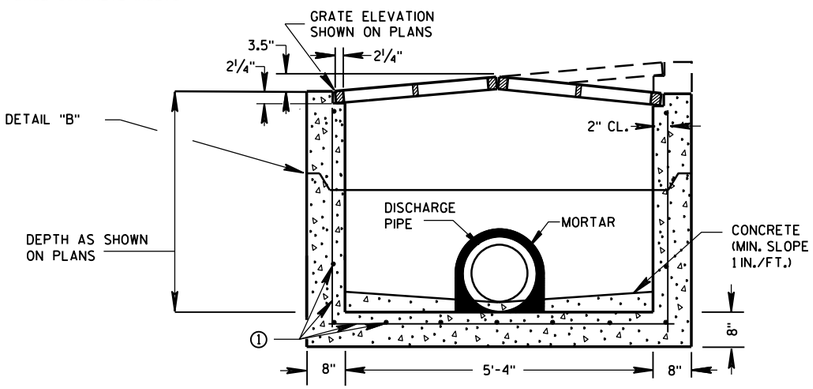


PLAN VIEW

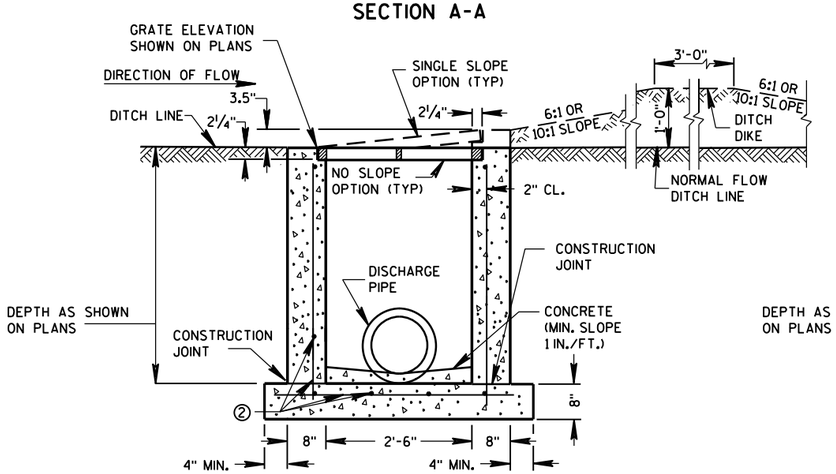
4" OVERHANGING BASE ON REINFORCED CAST-IN-PLACE CONCRETE INLETS



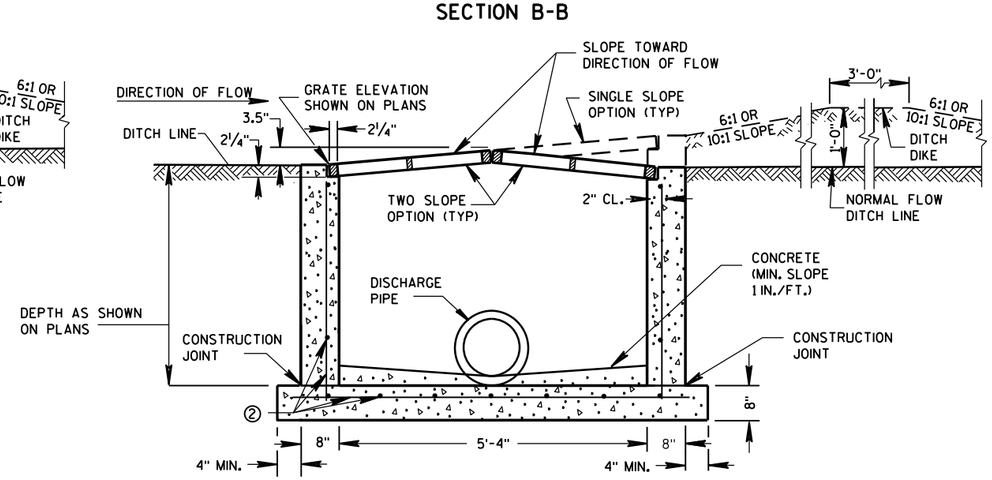
PRECAST REINFORCED CONCRETE SECTION A-A



PRECAST REINFORCED CONCRETE SECTION B-B



REINFORCED CAST-IN-PLACE CONCRETE SECTION A-A



REINFORCED CAST-IN-PLACE CONCRETE SECTION B-B

INLETS MEDIAN 1 GRATE

INLETS MEDIAN 2 GRATE

GENERAL NOTES

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DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 1G-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

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ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

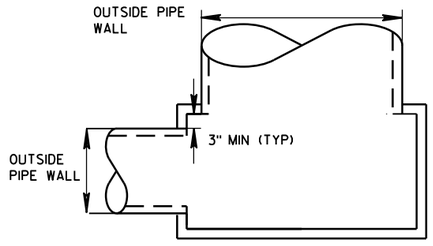
MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

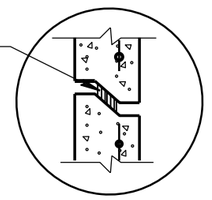
PIPE MATRIX

	MAXIMUM INSIDE PIPE DIAMETER	
INLET SIZE	WIDTH (IN)	LENGTH (IN)
1 GRATE	18	18
2 GRATE	18	42



DETAIL "A"

JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)



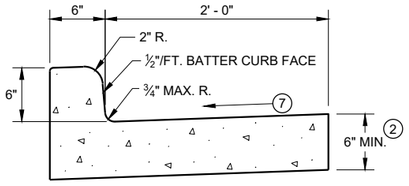
DETAIL "B"

INLETS MEDIAN 1 AND 2 GRATE

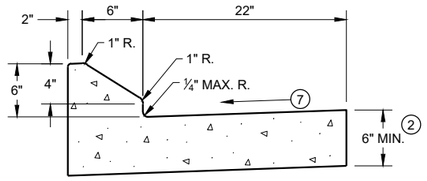
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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Sept., 2016 — DATE
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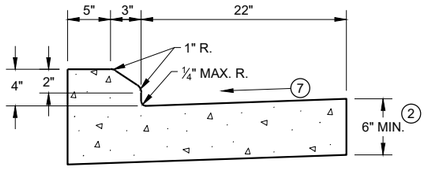
6
S.D.D. 8 C 8-2



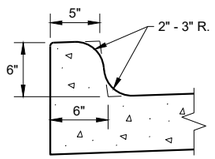
TYPES A[1] & D



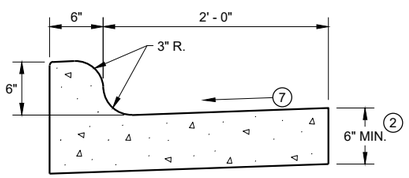
6" SLOPED CURB TYPES G[1] & J



4" SLOPED CURB TYPES G[1] & J

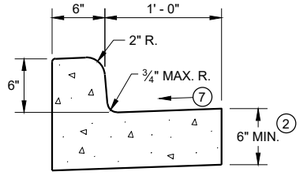


TYPES K[1] & L
(OPTIONAL CURB SHAPE)



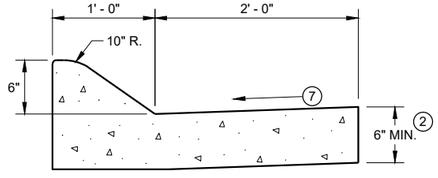
TYPES K[1] & L

CONCRETE CURB AND GUTTER 30"

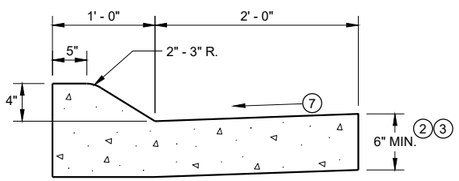


TYPES A[1] & D

CONCRETE CURB AND GUTTER 18"

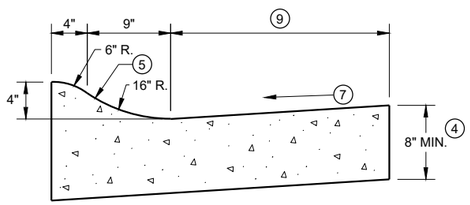


6" SLOPED CURB TYPES A[1] & D



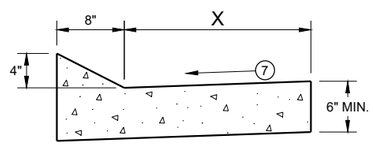
4" SLOPED CURB TYPES A[1] & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R[1] & T

TBT & TBTT	X
30"	22"
36"	28"

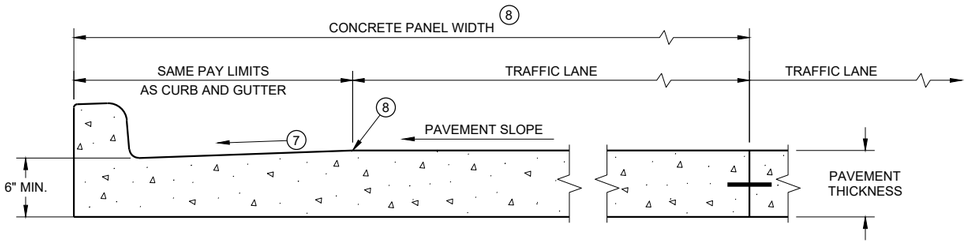


TYPES TBT & TBTT[1]

CONCRETE CURB AND GUTTER

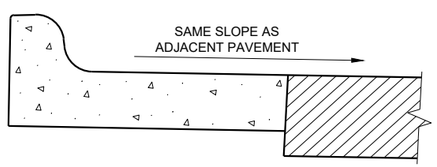
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER[6]
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

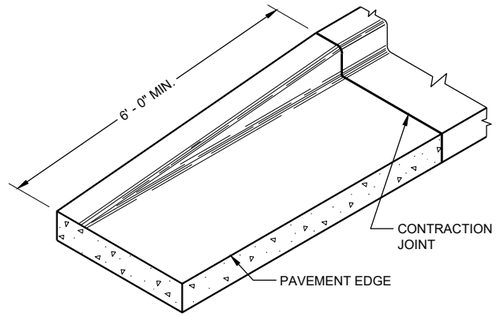
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

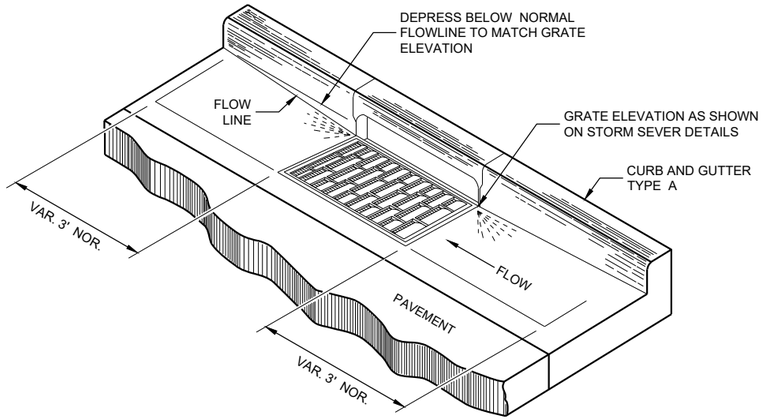
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

1. TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.
2. THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
3. USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.
4. THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.
5. UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.
6. WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.
7. USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.
8. INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.
9. CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
   CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

CONCRETE CURB AND GUTTER



END SECTIONCURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS
(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

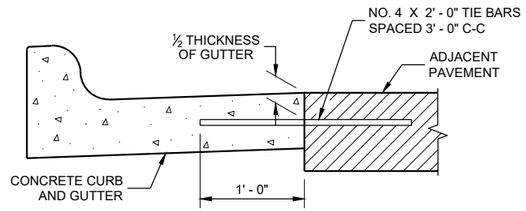
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

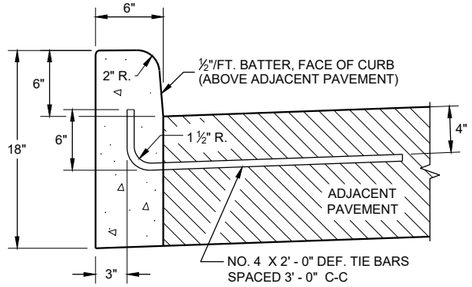
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

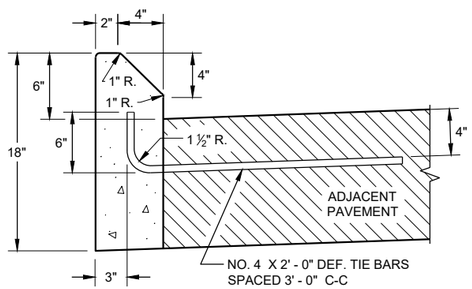
(9) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



TYPICAL TIE BAR LOCATION (1)

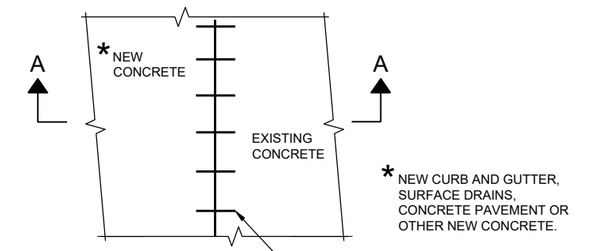


TYPES A (1) & D

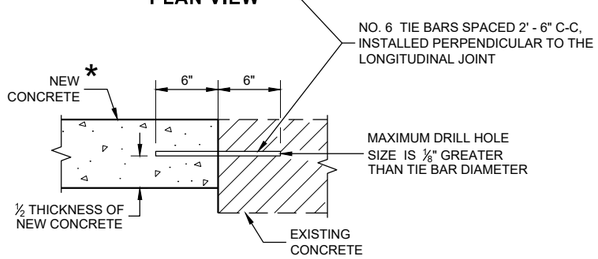


TYPES G (1) & J

CONCRETE CURB

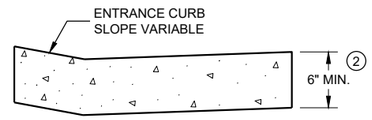


PLAN VIEW



SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



DRIVEWAY ENTRANCE CURB (9)
(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

6

SDD08D01 - 22b

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ALL STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

(1) USE A JOINT SEALANT CONFORMING TO STANDARD SPECIFICATION 415.2.6.

(2) NO. 4 X 2' - 0" TIE BARS SPACED AT 12" C-C TO BE PLACED BY BRIDGE CONTRACTOR OR DRILLED TIE BARS PLACED AS DIRECTED BY THE ENGINEER.

(3) PAVED CONCRETE SHOULDER (SDD 13A03) OR CONCRETE DRAINAGE SLAB.

(4) CONCRETE PAVEMENT APPROACH SLAB (SHOWN) OR STRUCTURE APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB. SEE SDD 13B02.

(5) PAVED CONCRETE SHOULDER (SDD 13A03) OR ASPHALT SHOULDER.

(6) CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE TBT OR TBTT. USE TYPE TBTT CURB WITH NO. 4 X 2' -0" TIE BARS SPACED AT 3' - 0" C-C ONLY WHEN ADJACENT TO CONCRETE PAVEMENTS.

(7) PLACE FLUME BEFORE MSG THRIE BEAM TRANSITION POST 1 (SEE SDD 14B45)

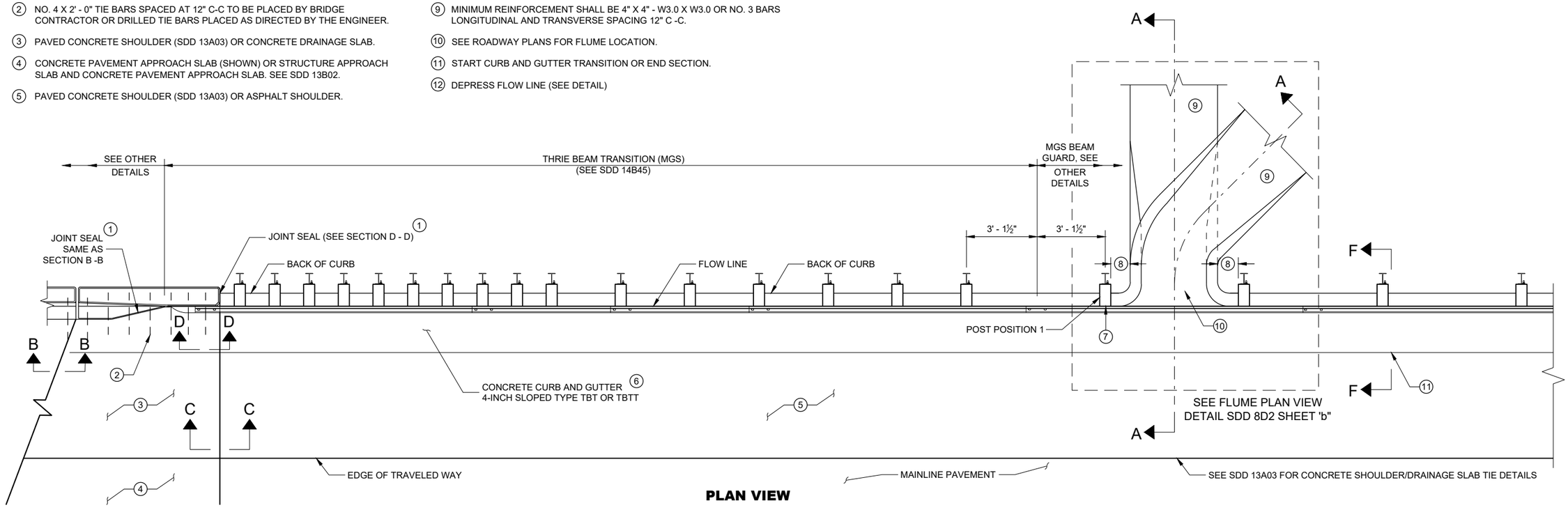
(8) CENTER FLUME BETWEEN POSTS. 6-INCH MINIMUM SEPARATION FROM OUTSIDE EDGE OF FLUME TO POSTS.

(9) MINIMUM REINFORCEMENT SHALL BE 4" X 4" - W3.0 X W3.0 OR NO. 3 BARS LONGITUDINAL AND TRANSVERSE SPACING 12" C -C.

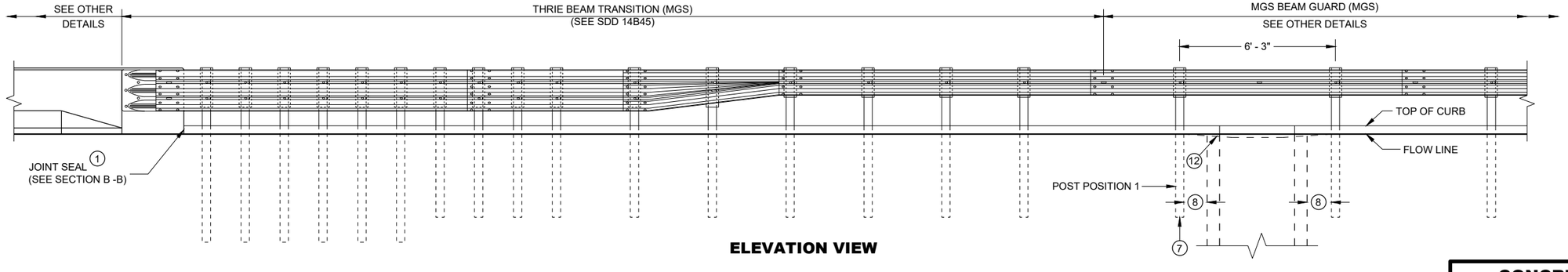
(10) SEE ROADWAY PLANS FOR FLUME LOCATION.

(11) START CURB AND GUTTER TRANSITION OR END SECTION.

(12) DEPRESS FLOW LINE (SEE DETAIL)



PLAN VIEW



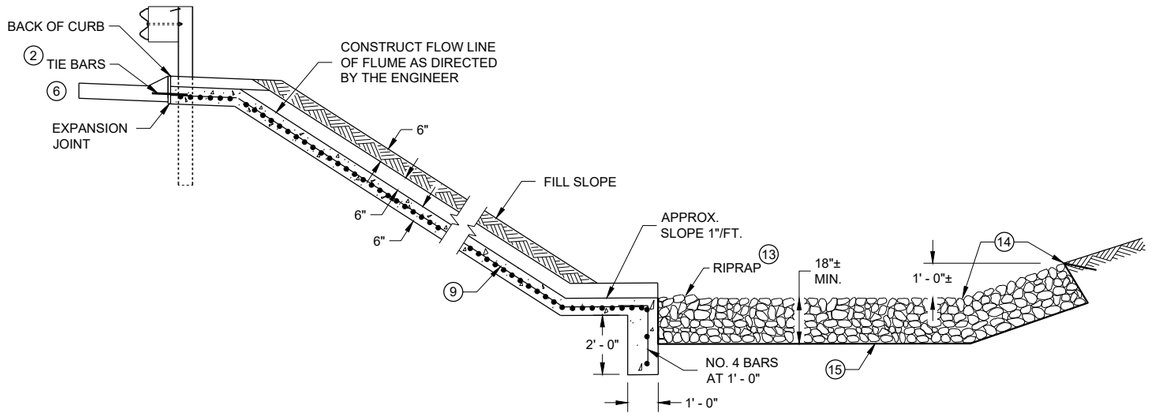
ELEVATION VIEW

CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES

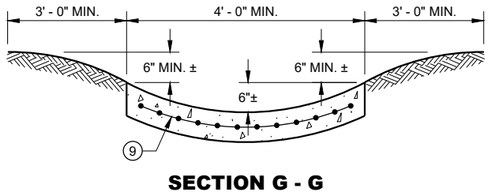
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D02 - 07a

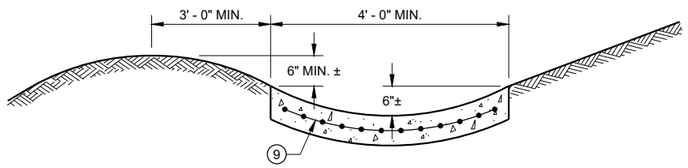
SDD 08D02 - 07a



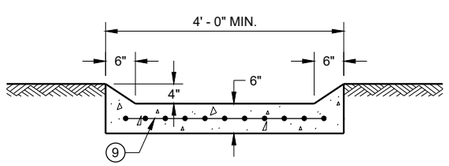
SECTION A - A



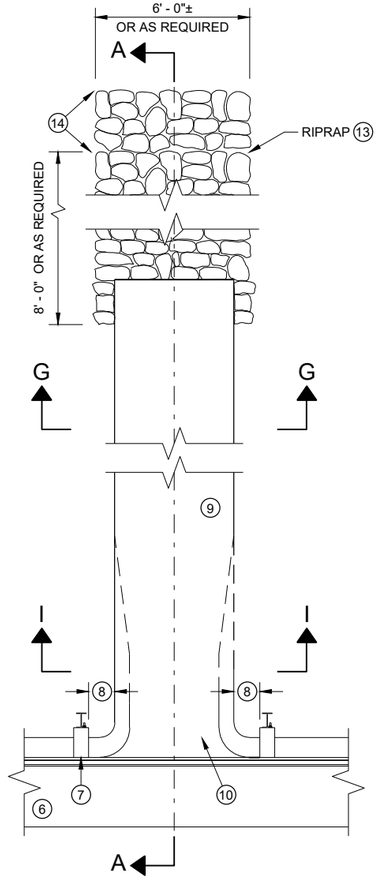
SECTION G - G



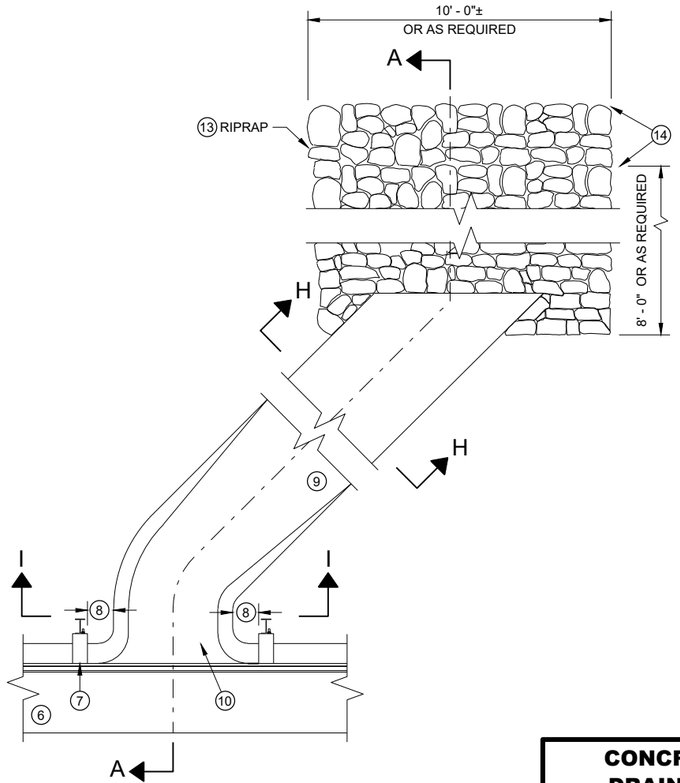
SECTION H - H



SECTION I - I



PLAN VIEW PERPENDICULAR FLUME



PLAN VIEW SKEWED FLUME

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ALL STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

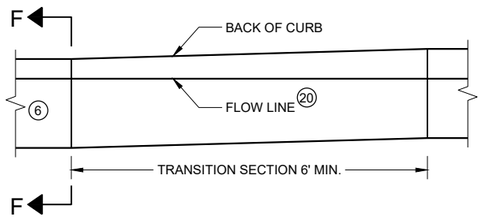
1. USE A JOINT SEALANT CONFORMING TO STANDARD SPECIFICATION 415.2.6.
2. NO. 4 X 2' - 0" TIE BARS SPACED AT 12" C-C TO BE PLACED BY BRIDGE CONTRACTOR OR DRILLED TIE BARS PLACED AS DIRECTED BY THE ENGINEER.
3. PAVED CONCRETE SHOULDER (SDD 13A03) OR CONCRETE DRAINAGE SLAB.
4. CONCRETE PAVEMENT APPROACH SLAB (SHOWN) OR STRUCTURE APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB. SEE SDD 13B02 AND STRUCTURE PLANS.
5. PAVED CONCRETE SHOULDER (SDD 13A03) OR ASPHALT SHOULDER.
6. CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE TBT OR TBTT. USE TYPE TBTT CURB WITH NO. 4 X 2' -0" TIE BARS SPACED AT 3' - 0" C-C ONLY WHEN ADJACENT TO CONCRETE PAVEMENTS.
7. PLACE FLUME BEFORE MSG THRIE BEAM TRANSITION POST 1 (SEE SDD 14B45)
8. CENTER FLUME BETWEEN POSTS. 6-INCH MINIMUM SEPARATION FROM OUTSIDE EDGE OF FLUME TO POSTS.
9. MINIMUM REINFORCEMENT SHALL BE 4" X 4" - W3.0 X W3.0 OR NO. 3 BARS LONGITUDINAL AND TRANSVERSE SPACING 12" C -C.
10. SEE ROADWAY PLANS FOR FLUME LOCATION.
11. START CURB AND GUTTER TRANSITION OR END SECTION.
12. DEPRESS FLOW LINE (SEE DETAIL)
13. MEDIUM RIPRAP UNLESS OTHERWISE SPECIFIED.
14. LIMITS OF ADDITIONAL RIPRAP WHEN SPECIAL DITCH AS REQUIRED.
15. GEOTEXTILE FABRIC TYPE HR.

6

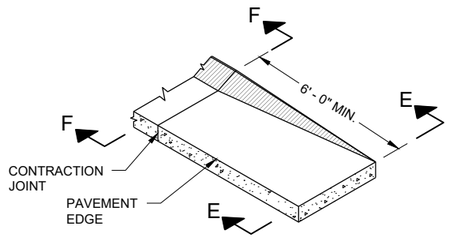
CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

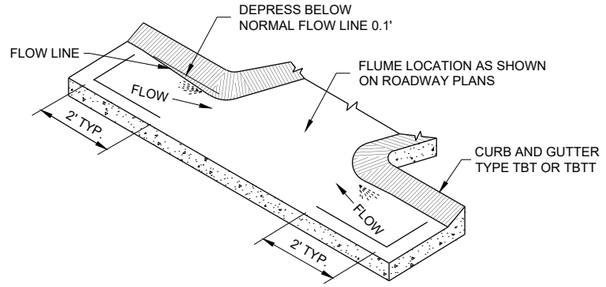
SDD 08D02 - 07b



CURB AND GUTTER TRANSITION SECTION
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36 INCH TYPE TBT OR TBTT



CURB AND GUTTER END SECTION
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36 INCH TYPE TBT OR TBTT



CURB AND GUTTER FLOW LINE DEPRESSION AT FLUMES CONCRETE CURB AND GUTTER 4-INCH SLOPED 36 INCH TYPE TBT OR TBTT

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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(3) PAVED CONCRETE SHOULDER (SDD 13A03) OR CONCRETE DRAINAGE SLAB.

(4) CONCRETE PAVEMENT APPROACH SLAB (SHOWN) OR STRUCTURE APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB. SEE SDD 13B02 AND STRUCTURE PLANS.

(5) PAVED CONCRETE SHOULDER (SDD 13A03) OR ASPHALT SHOULDER.

(6) CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE TBT OR TBTT. USE TYPE TBTT CURB WITH NO. 4 X 2' -0" TIE BARS SPACED AT 3' - 0" C-C ONLY WHEN ADJACENT TO CONCRETE PAVEMENTS.

(7) PLACE FLUME BEFORE MSG THRIE BEAM TRANSITION POST 1 (SEE SDD 14B45)

(8) CENTER FLUME BETWEEN POSTS. 6-INCH MINIMUM SEPARATION FROM OUTSIDE EDGE OF FLUME TO POSTS.

(9) MINIMUM REINFORCEMENT SHALL BE 4" X 4" - W3.0 X W3.0 OR NO. 3 BARS LONGITUDINAL AND TRANSVERSE SPACING 12" C -C.

(10) SEE ROADWAY PLANS FOR FLUME LOCATION.

(11) START CURB AND GUTTER TRANSITION OR END SECTION.

(12) DEPRESS FLOW LINE (SEE DETAIL)

(13) MEDIUM RIPRAP UNLESS OTHERWISE SPECIFIED.

(14) LIMITS OF ADDITIONAL RIPRAP WHEN SPECIAL DITCH IS REQUIRED.

(15) GEOTEXTILE FABRIC TYPE HR.

(16) MINIMUM REINFORCEMENT SHALL BE 6" X 6" - W4.0 X W4.0 OR NO. 3 BARS LONGITUDINAL AND TRANSVERSE SPACING 12" C - C.

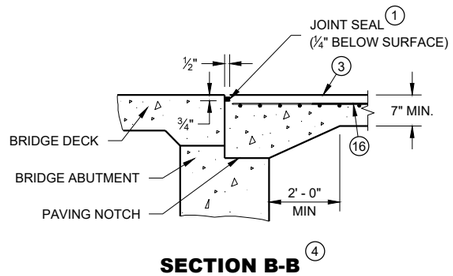
(17) MSG THRIE BEAM TRANSITION POST 1. SEE SDD 14B45 FOR ADDITIONAL CONSTRUCTION DETAILS AND ACCEPTABLE MATERIALS.

(18) MAINTAIN WIDTH, THICKNESS AND CROSS SLOPE OF ADJACENT TYPE TBT OR TBTT CURB. SEE NOTE 6 FOR TIE BAR SPACING.

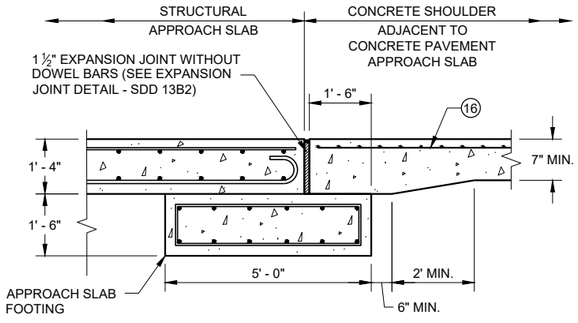
(19) ALIGN FACE OF POST BLOCK WITH FLOW LINE.

(20) MAINTAIN FLOW LINE AT EDGE OF PAVEMENT/FACE OF BEAM GUARD AS APPLICABLE.

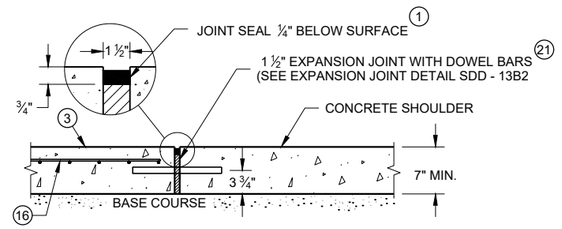
(21) DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING HMA PAVEMENTS.



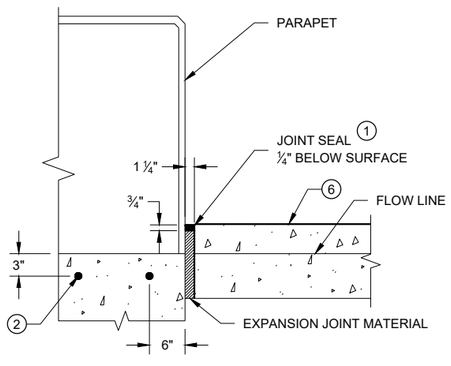
SECTION B-B (4)



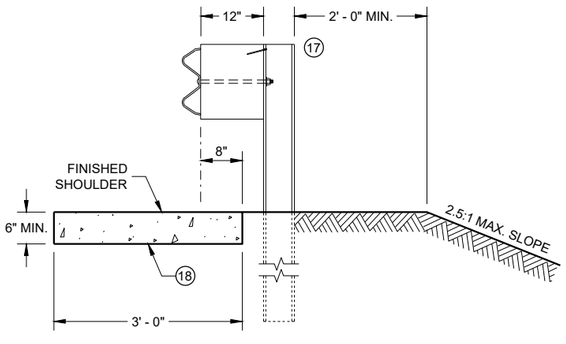
SECTION C - C
JOINT DETAIL FOR BRIDGE WITH STRUCTURAL APPROACH SLAB AND CONCRETE APPROACH SLAB



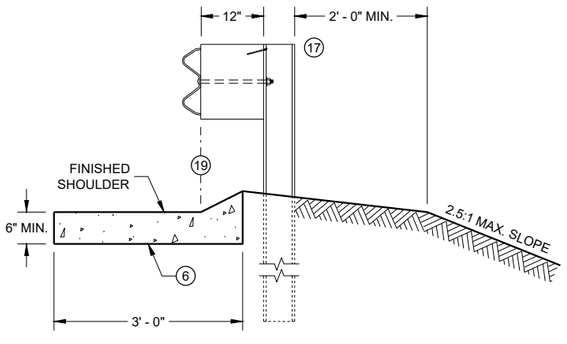
SECTION C - C
JOINT DETAIL FOR BRIDGE APPROACH WITH CONCRETE SHOULDERS



SECTION D - D



SECTION E - E



SECTION F - F

CONCRETE SURFACE DRAINS FLUME TYPE AT STRUCTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

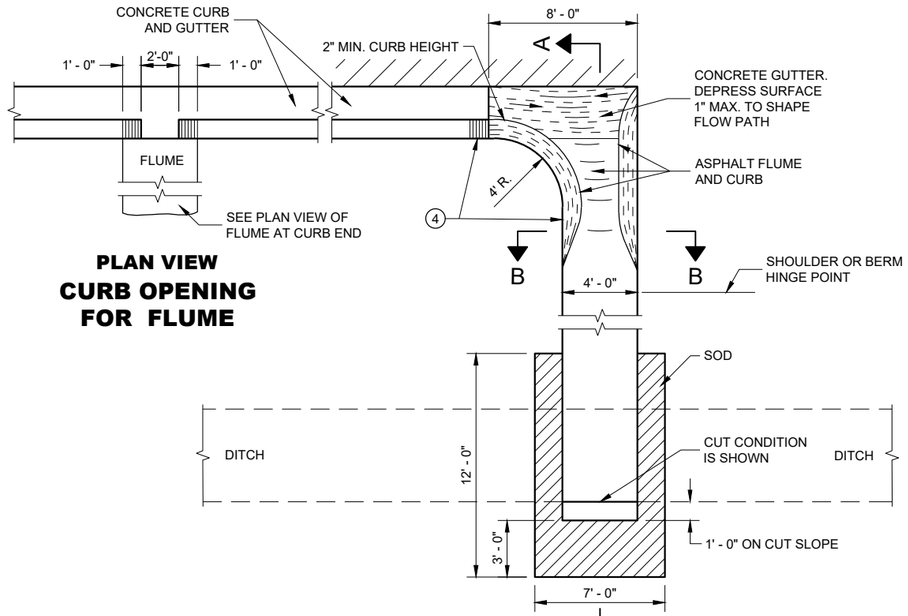
FHWA

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SDD 08D02 - 07c
SDD 08D02 - 07c

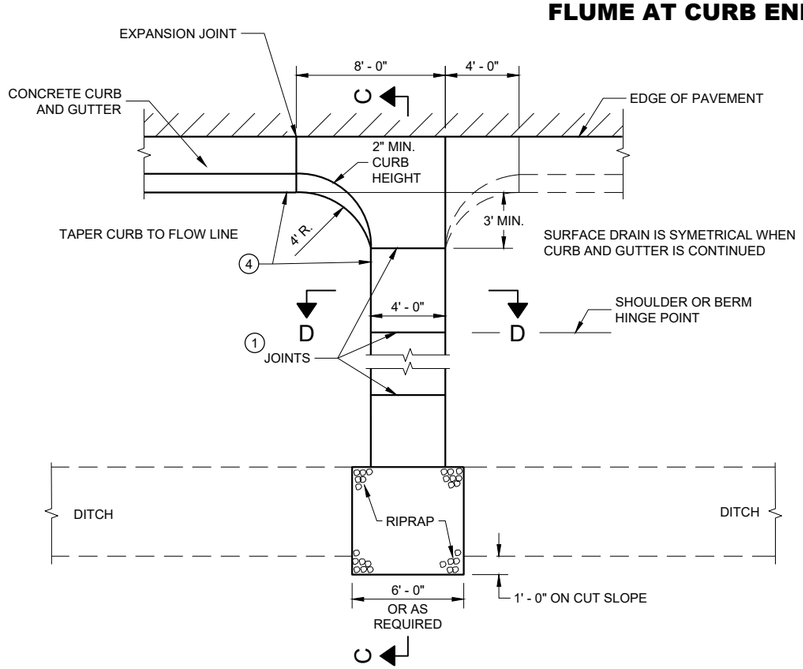
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



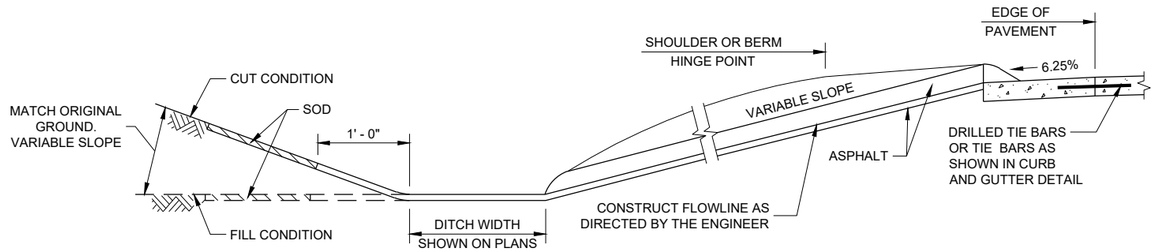
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

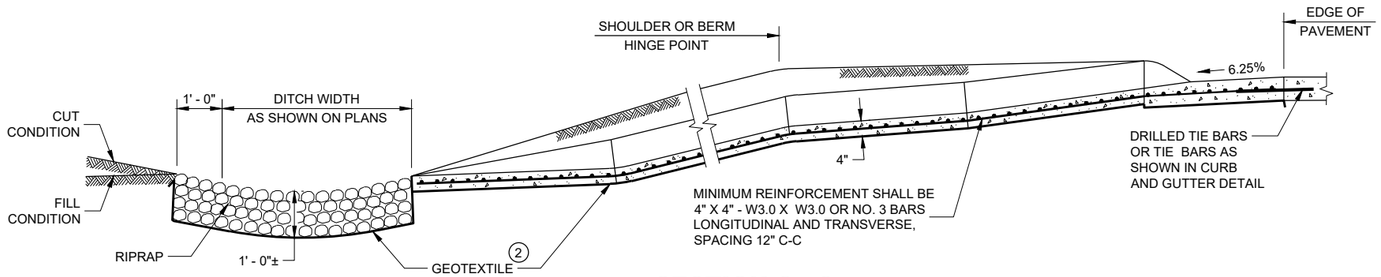
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.

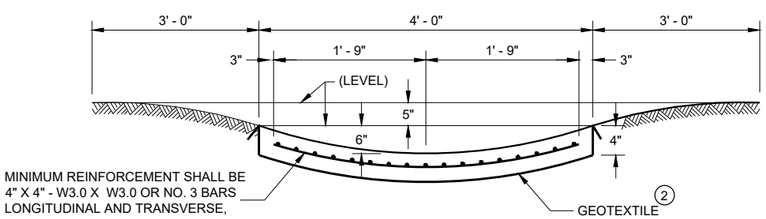


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

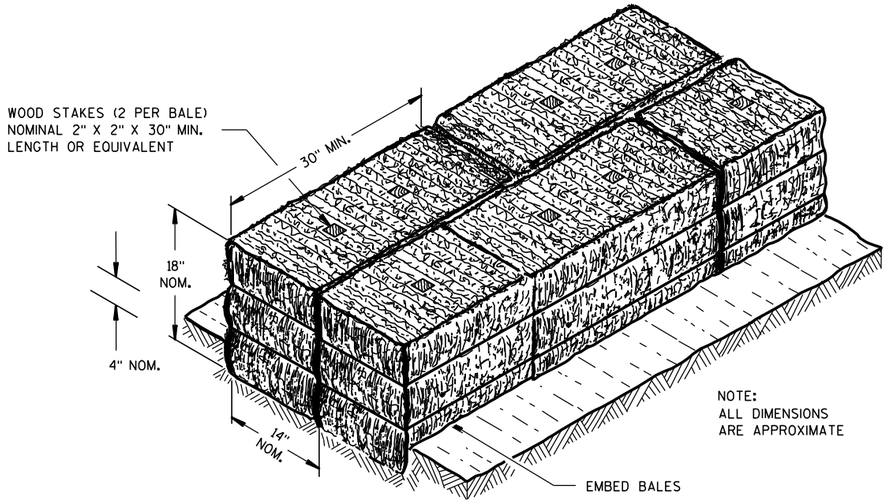
APPROVED
November 2021
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

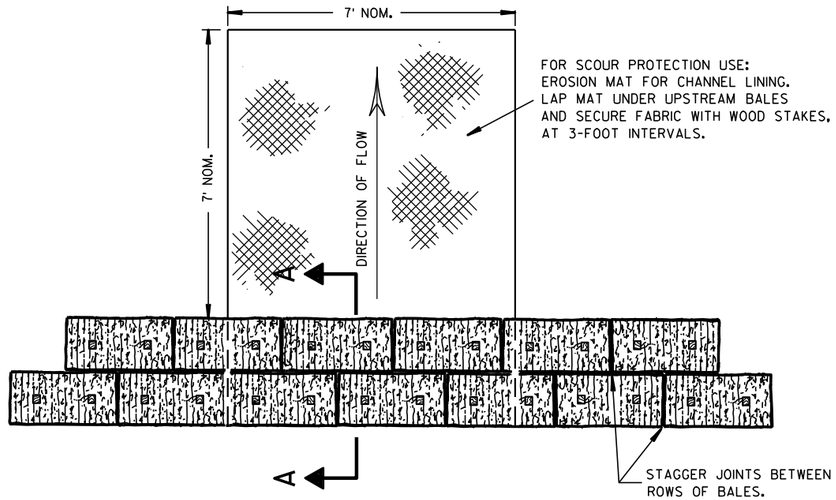
FHWA

SDD 08D04 - 06

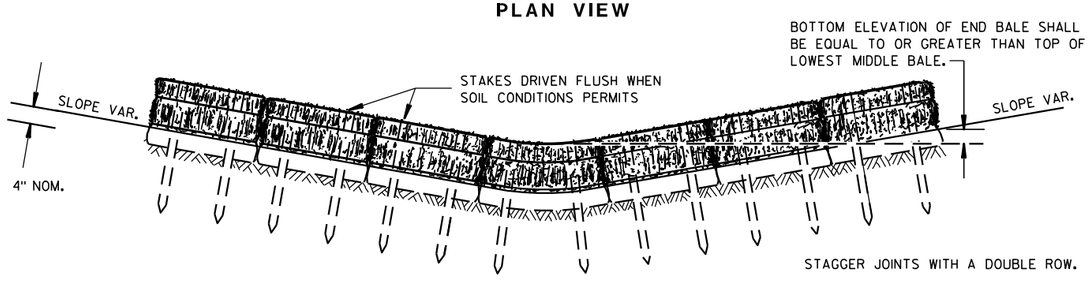
SDD 08D04 - 06



SECTION A-A



PLAN VIEW



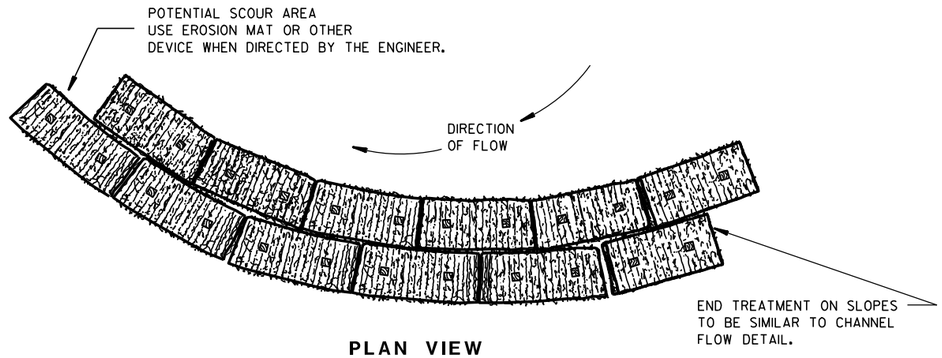
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

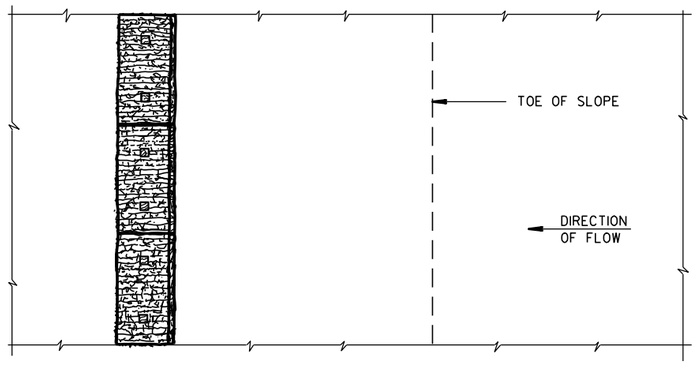
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

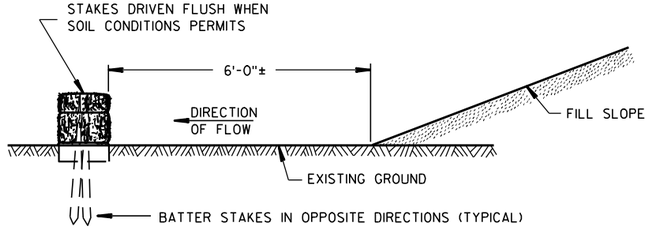


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

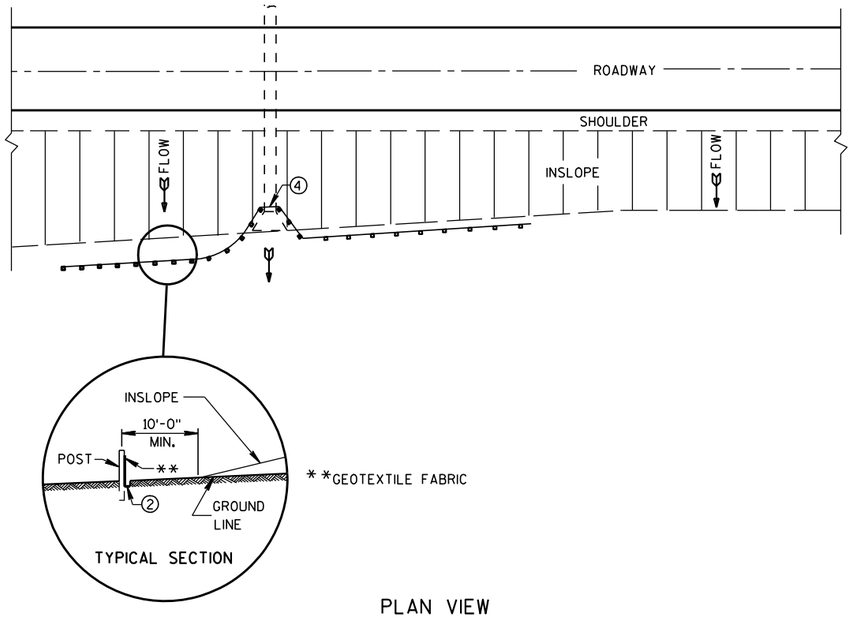
EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

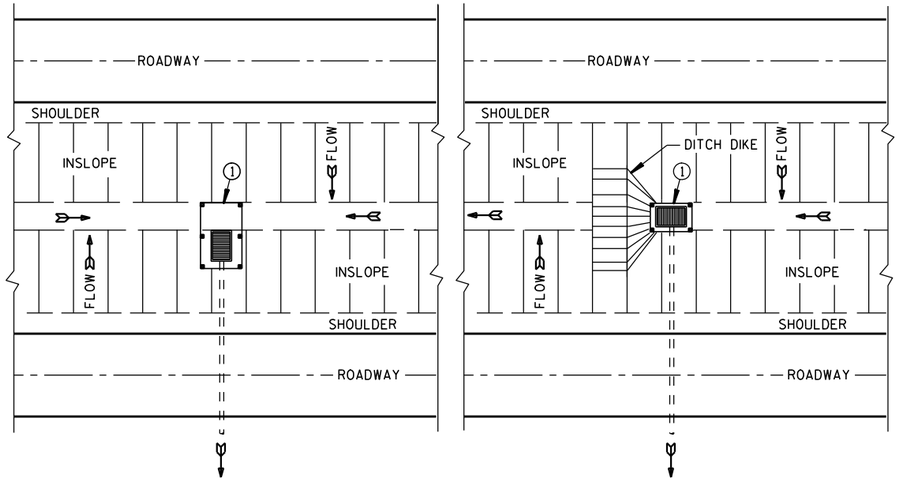
APPROVED
6/04/02 — DATE
/S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

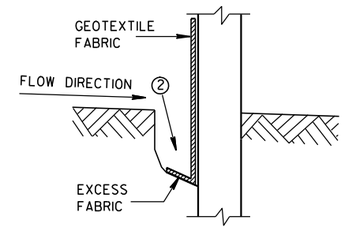
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

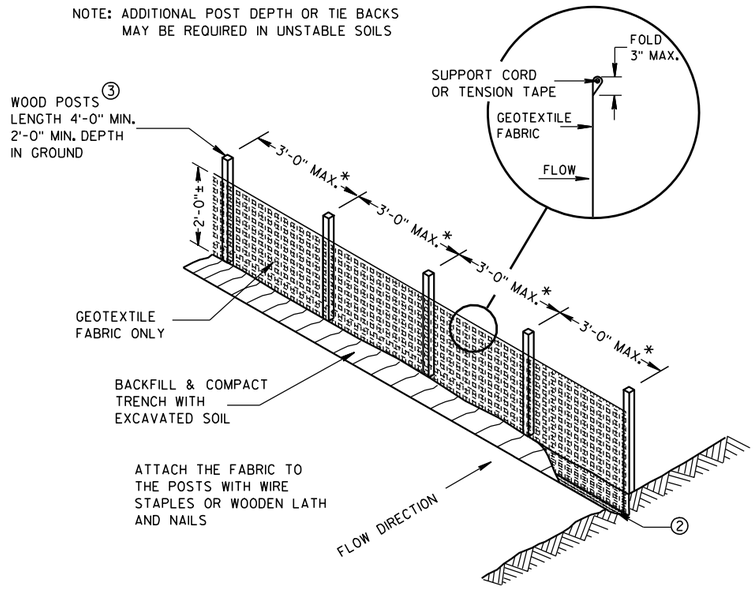
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

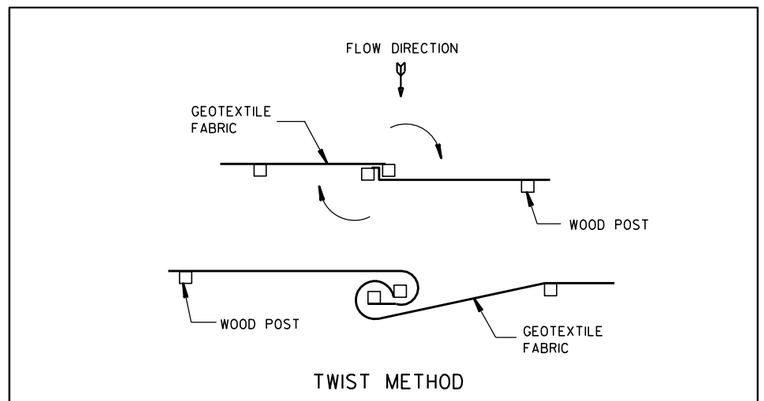
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



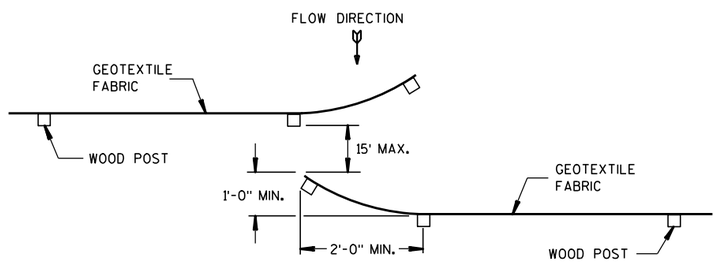
TRENCH DETAIL



SILT FENCE

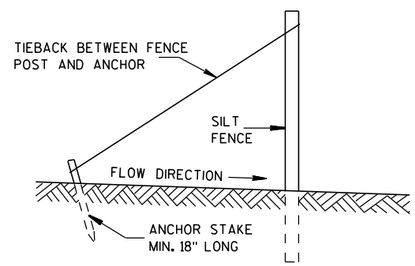


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

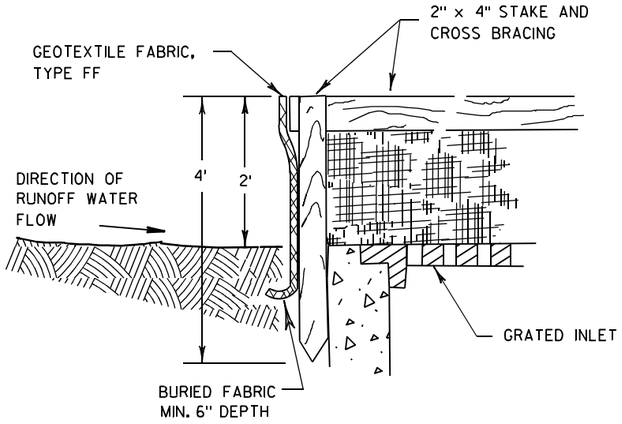
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

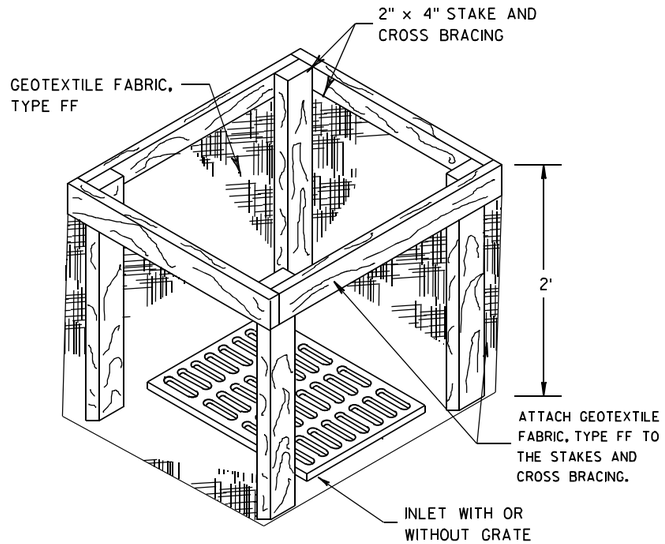
6

S.D.D. 8 E 9-6

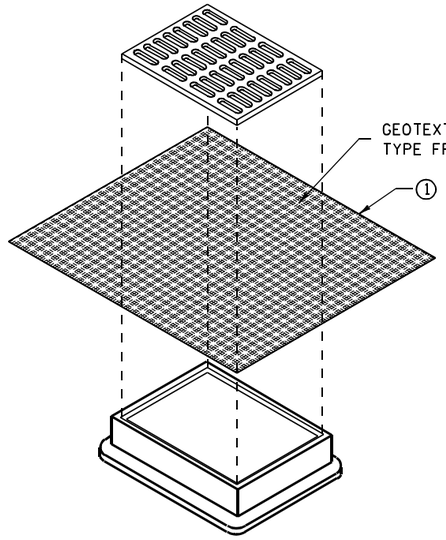
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S.D.D. 8 E 9-6



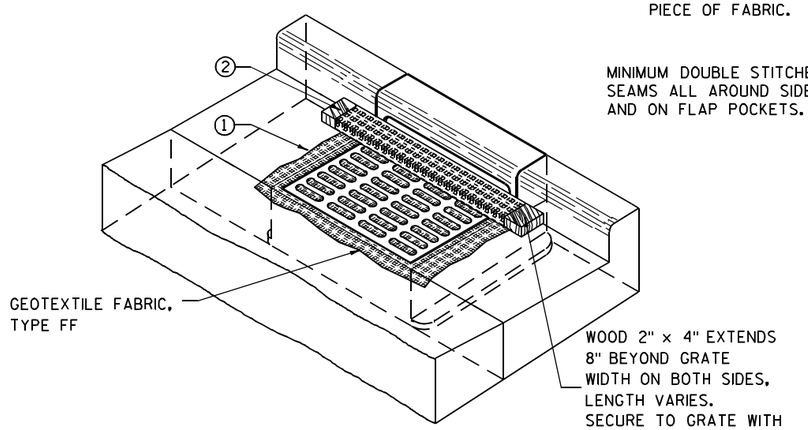


INLET PROTECTION, TYPE A

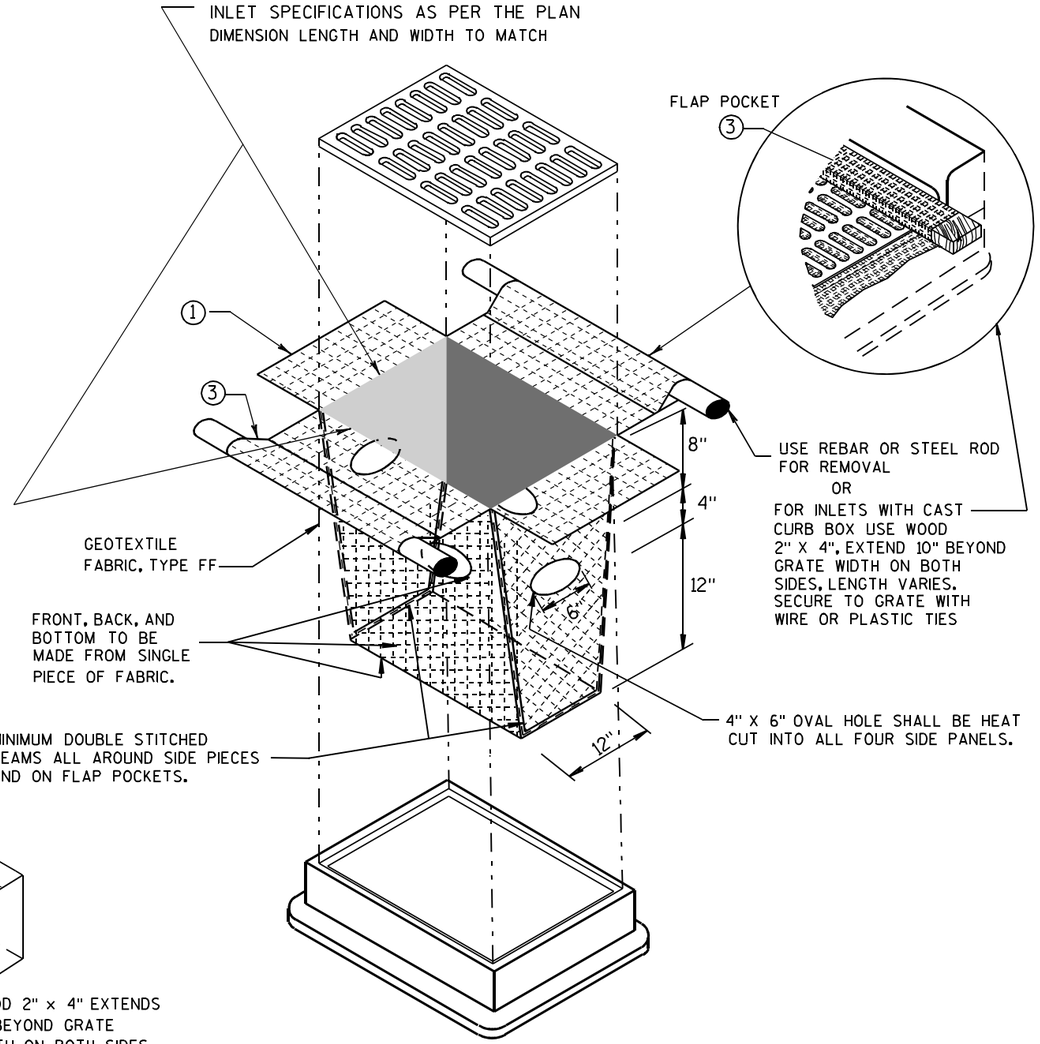


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

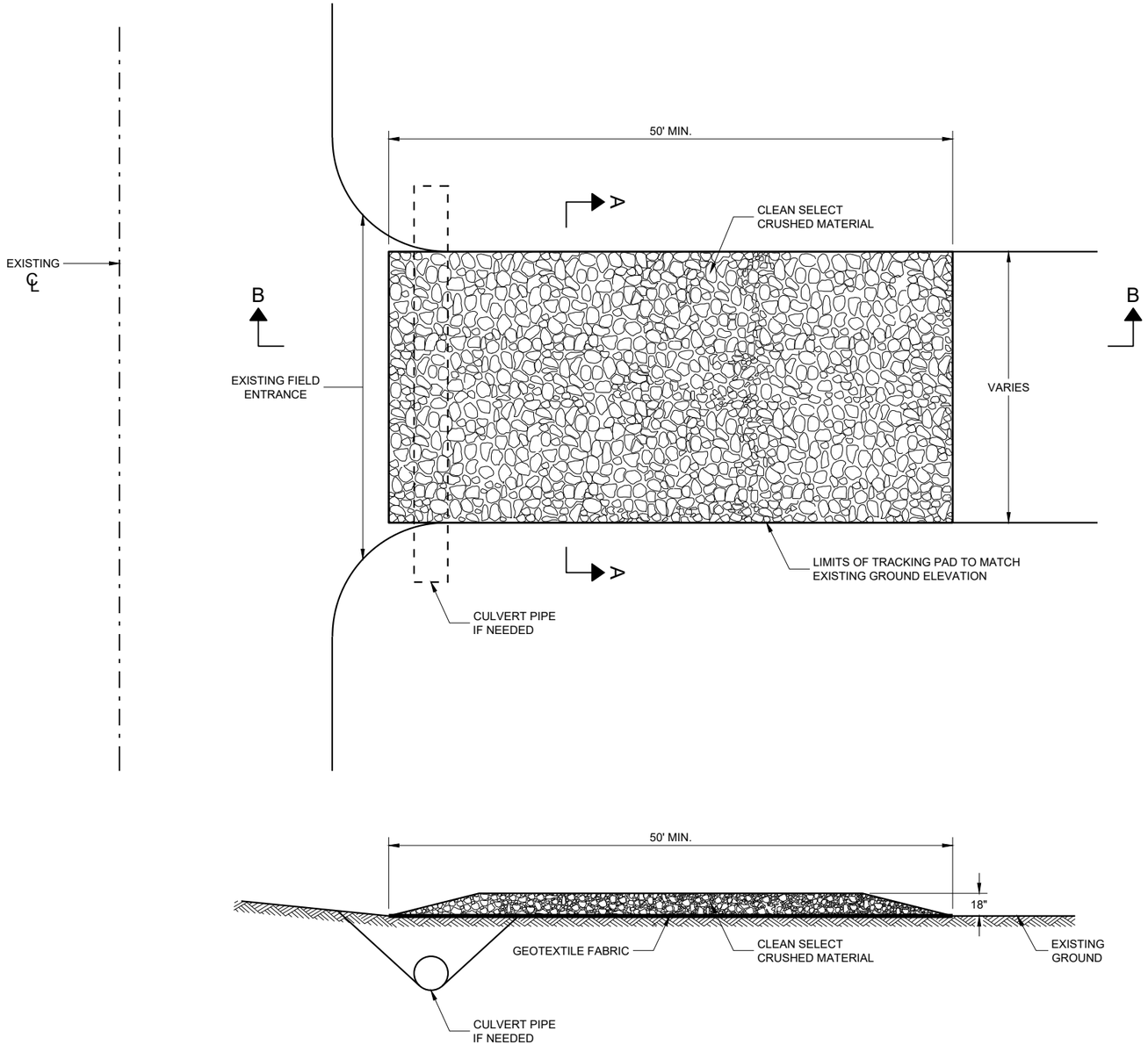
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 10-2



SECTION B - B

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

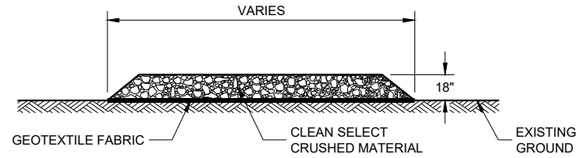
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A - A

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SDD 08E14 - 01

TRACKING PAD

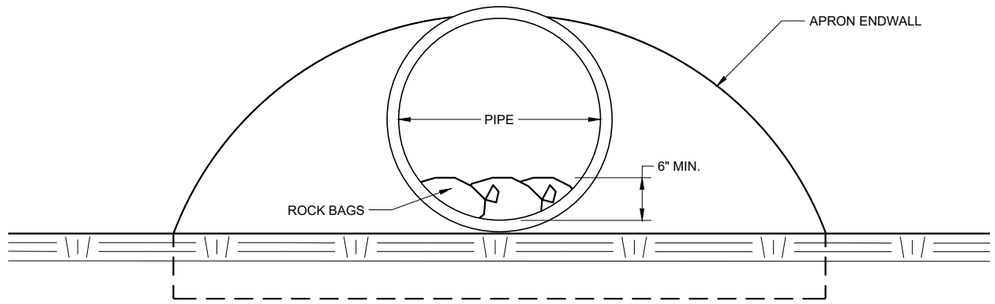
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/24/2011
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVE ENGINEER

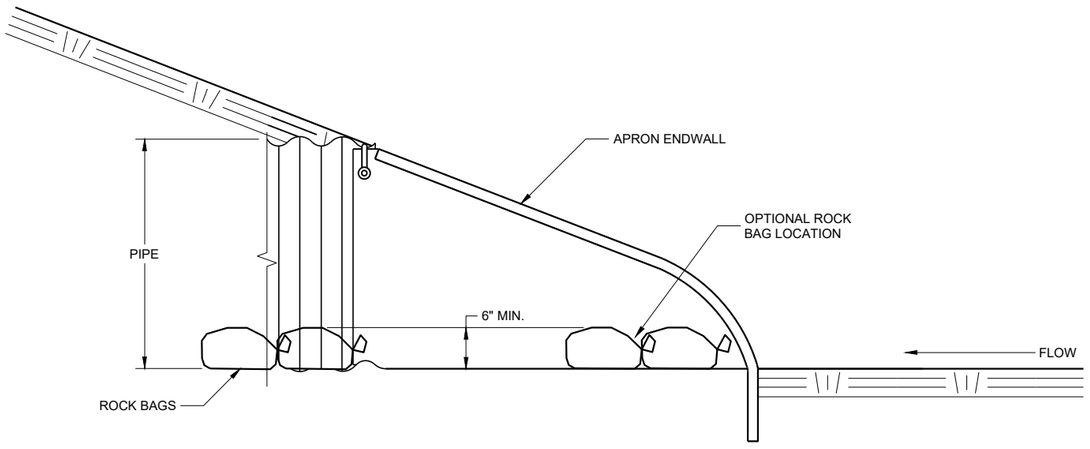
FHWA

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SDD 08E14 - 01



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE
/S/ Daniel Schave
EROSION CONTROL ENGI

FHWA

6

SDD 08E15 - 01

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SDD 08E15 - 01

METAL APRON ENDWALLS

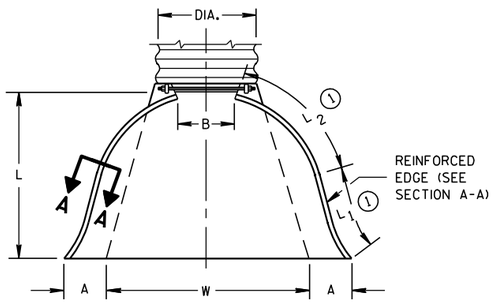
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

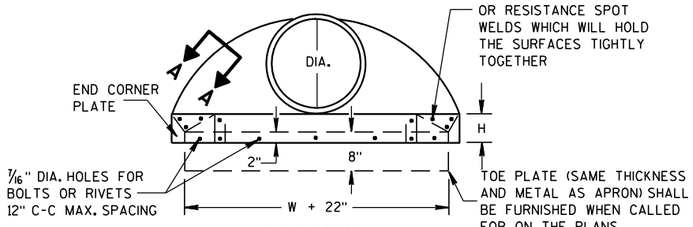
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

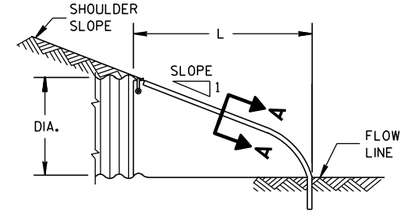
*MINIMUM
**MAXIMUM



PLAN VIEW

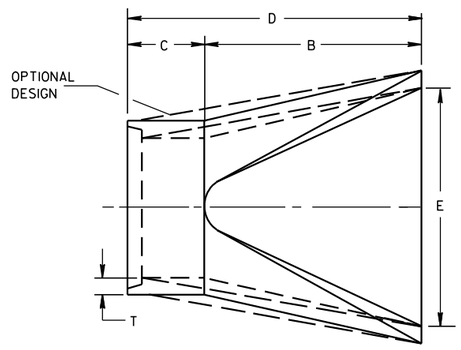


END VIEW

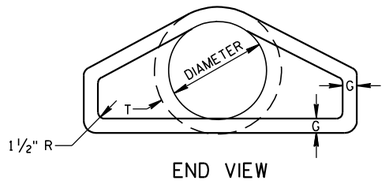


SIDE ELEVATION

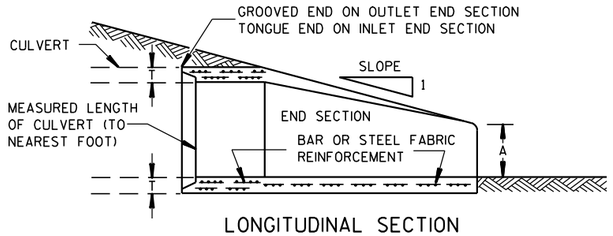
METAL ENDWALLS



PLAN

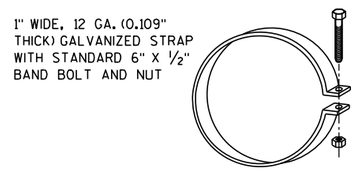


END VIEW



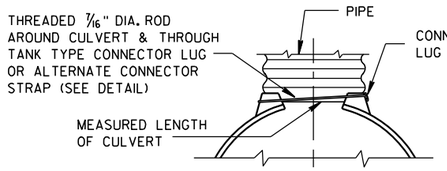
LONGITUDINAL SECTION

CONCRETE ENDWALLS

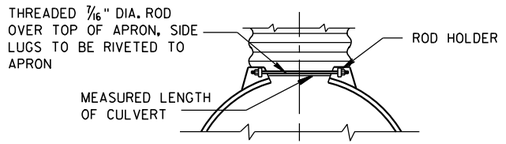


ALTERNATE FOR TYPE 1 CONNECTION

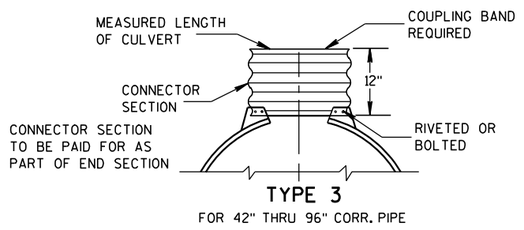
END SECTION CONNECTOR STRAP



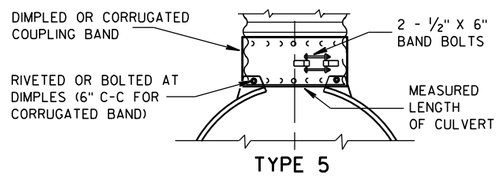
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

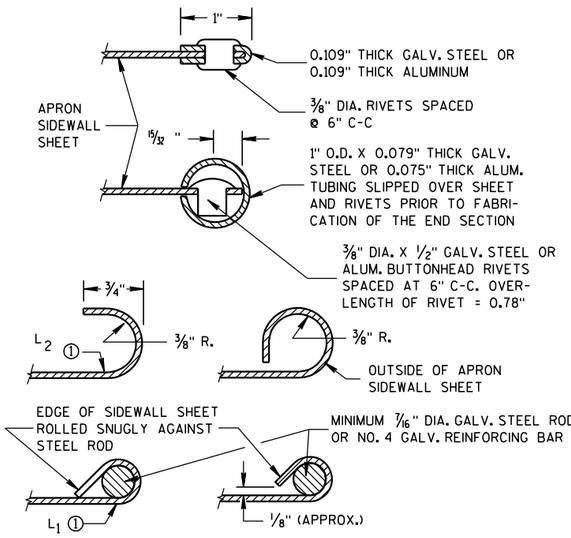
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

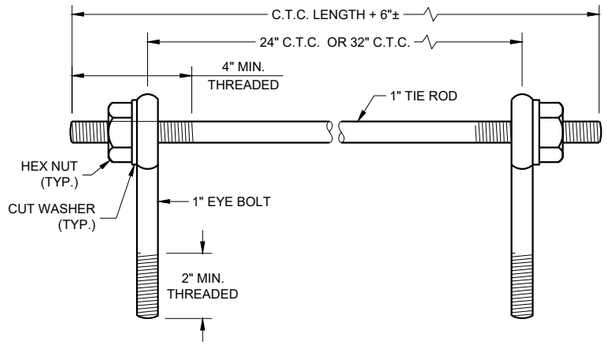
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

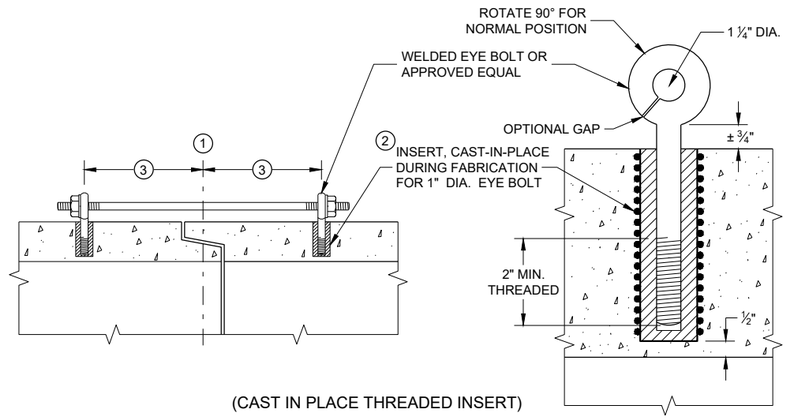
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

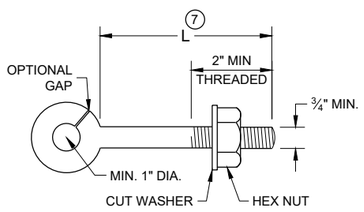
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

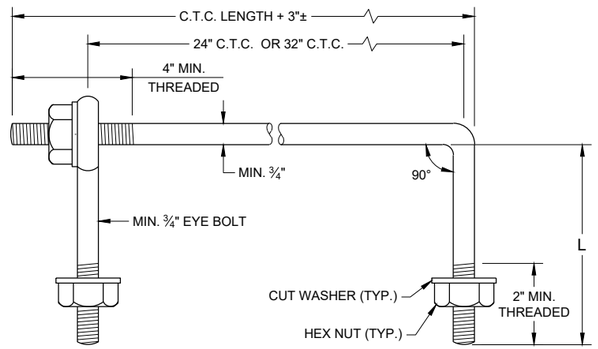
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

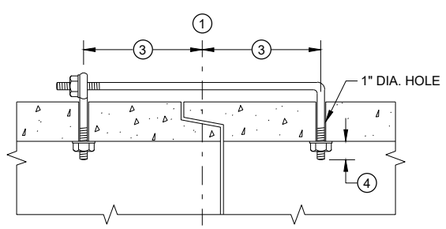


EYE BOLT (7)

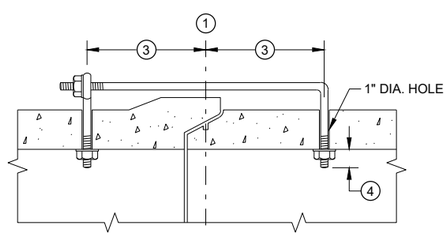
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

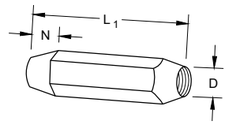
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

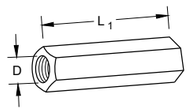
ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



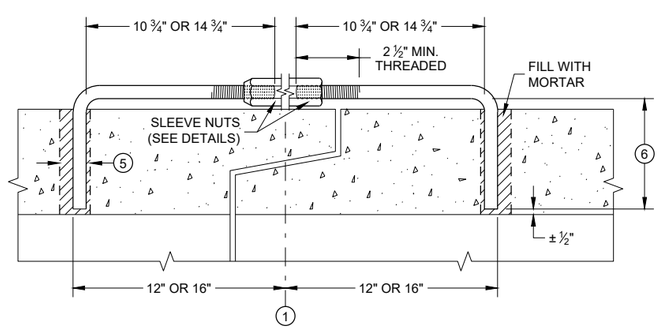
TAPERED



PLAIN

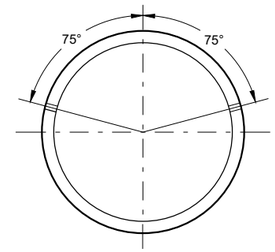
RIGHT AND LEFT THREADS

SLEEVE NUTS



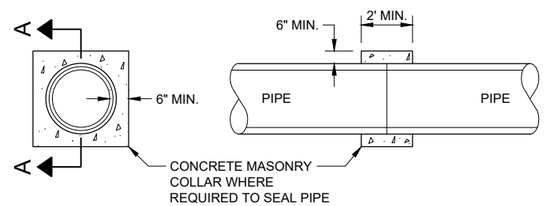
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

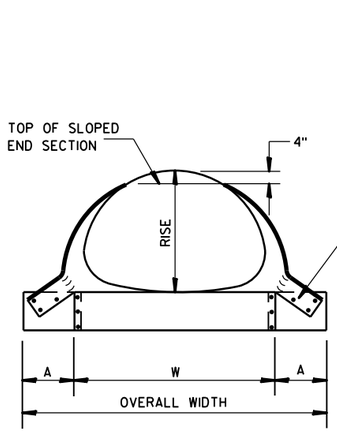
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

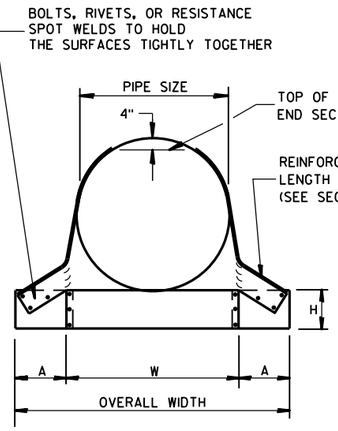
FHWA

SDD 08F04 - 08

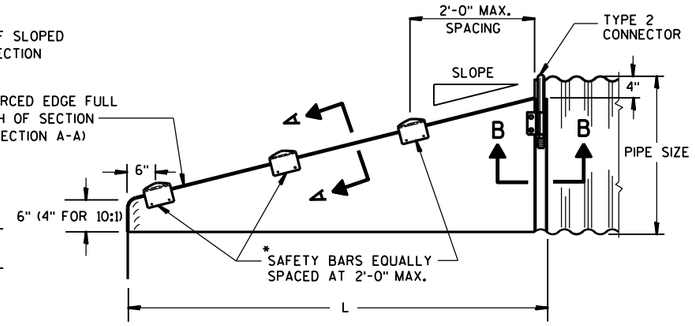
SDD 08F04 - 08



FRONT VIEW



FRONT VIEW



SIDE VIEW

GENERAL NOTES

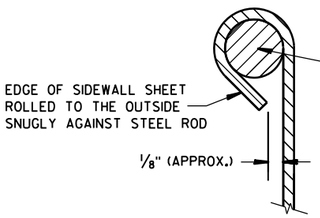
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SLOPED END SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, SECTION 521 FOR STEEL APRON ENDWALLS.

SAFETY BARS SHALL BE FABRICATED FROM GALVANIZED STEEL PIPE MEETING THE REQUIREMENTS OF ASTM A-53, GRADE B, SCHEDULE 40 OR APPROVED EQUAL.

STEEL APRON ENDWALLS FOR CULVERT PIPE
SLOPED SIDE DRAINS

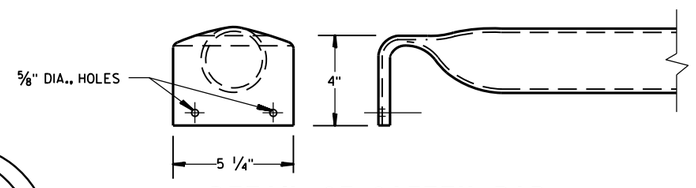
PIPE DIA. (IN.)	MIN. THICK. (Inches)	DIMENSIONS (Inches)				L DIMENSIONS					
		A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
15	.064	8	6	21	37	4:1	20	6:1	30	10:1	70
18	.064	8	6	24	40	4:1	32	6:1	48	10:1	100
21	.064	8	6	27	43	4:1	44	6:1	66	10:1	130
24	.064	8	6	30	46	4:1	56	6:1	84	10:1	160
30	.109	12	9	36	60	4:1	80	6:1	120	10:1	220
36	.109	12	9	42	66	4:1	104	6:1	156	10:1	280
42	.109	16	12	48	80	4:1	128	6:1	192	——	——
48	.109	16	12	54	86	4:1	152	6:1	228	——	——
54	.109	16	12	60	92	4:1	176	6:1	264	——	——
60	.109	16	12	66	98	4:1	200	6:1	300	——	——



SECTION A-A

*NOTE:
THREE SAFETY BARS ARE SHOWN. ACTUAL NUMBER OF BARS REQUIRED AT A 2'-0" C-C MAX. SPACING WILL VARY DEPENDING ON THE LENGTH OF THE END SECTION.

3" GALVANIZED PIPE. FLATTEN ENDS, THEN BEND OUTSIDE 4" TO MATCH END SECTION SIDES.

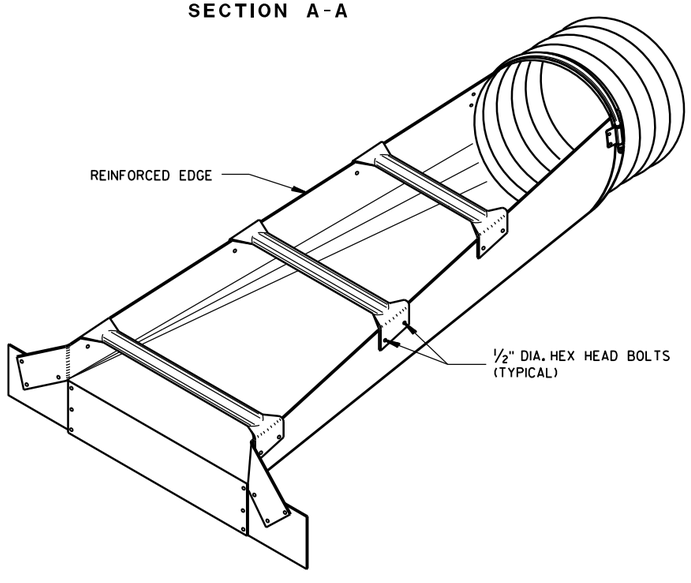


DETAIL OF SAFETY BAR

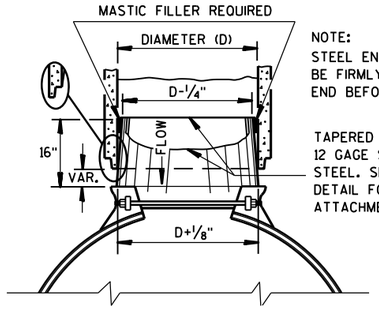
STEEL APRON ENDWALLS FOR PIPE ARCH
SLOPED SIDE DRAINS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) ①	DIMENSIONS (Inches) A	H	W	OVERALL WIDTH	L DIMENSIONS SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
15	17	13	.064 *	7	6	30	44	4:1	19	6:1	30	10:1 ②	70
18	21	15	.064 *	8	6	27	43	4:1	20	6:1	30	10:1	70
21	24	18	.064 *	8	6	30	46	4:1	32	6:1	48	10:1	100
24	28	20	.064 *	8	6	34	50	4:1	40	6:1	60	10:1	120
30	35	24	.079 *	12	9	41	65	4:1	56	6:1	84	10:1	160
36	42	29	.109 *	12	9	48	72	4:1	76	6:1	114	10:1	210
42	49	33	.109	16	12	55	87	4:1	92	6:1	138	——	——
48	57	38	.109	16	12	63	95	4:1	112	6:1	168	——	——
54	64	43	.109	16	12	70	102	4:1	132	6:1	198	——	——

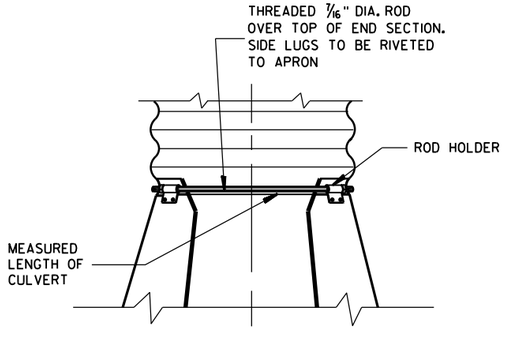
① * MINIMUM THICKNESS OF ALL 10:1 SLOPED SIDE DRAINS IS 0.109".
② ACTUAL SLOPE GREATER THAN 10:1.



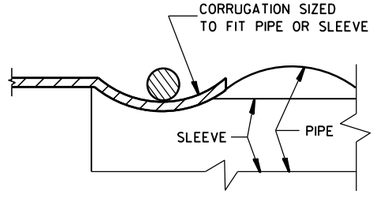
ISOMETRIC VIEW



STEEL ADAPTER SLEEVE FOR CONCRETE PIPE



TYPE 2
CONNECTION DETAIL



SECTION B-B

STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED SIDE DRAINS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

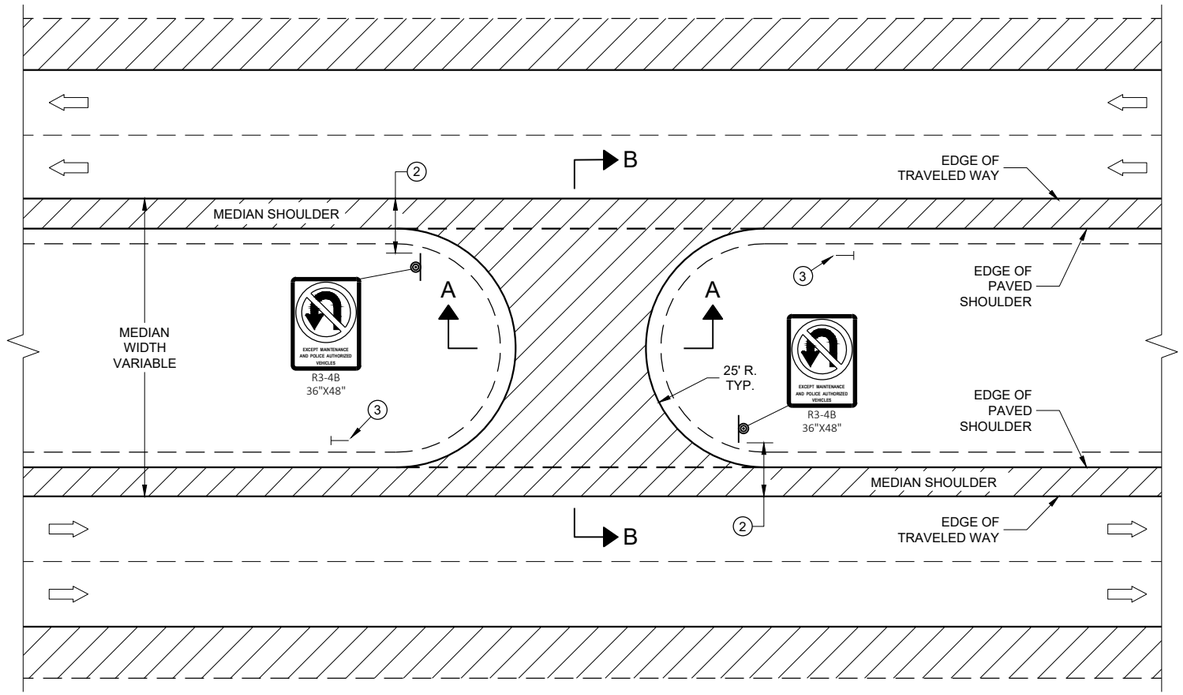
APPROVED
9/14/2012 — DATE
/S/ Jerry H. Zoda — ROADWAY STANDARDS DEVELOPMENT ENGINEER
297
FHWA

6

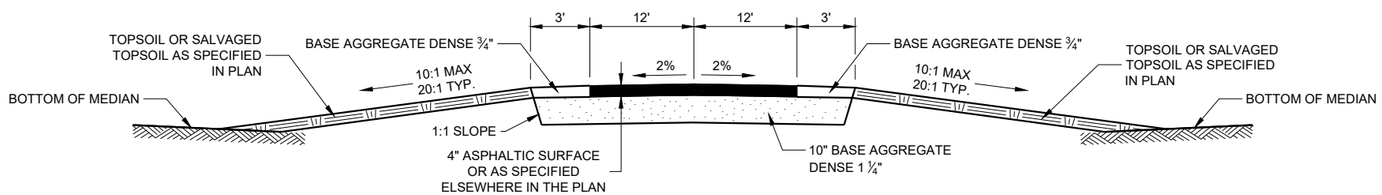
S.D.D. 8 F 7-5

6

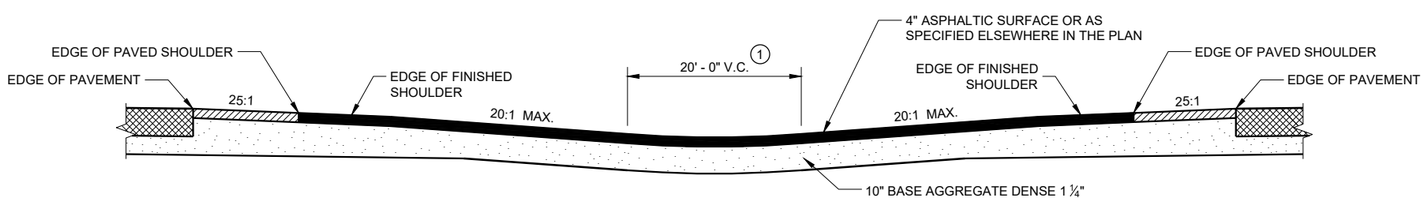
S.D.D. 8 F 7-5



PLAN VIEW



SECTION A-A



SECTION B-B

GENERAL NOTES

1. ADJUST VERTICAL CURVE LOCATION LATERALLY TO MAINTAIN 20:1 MAX.
2. SIGNING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.
3. INSTALL DELINEATOR. SEE STANDARD DETAIL DRAWING 15A4.

LEGEND

- SIGN ON PERMANENT SUPPORT
- DELINEATOR
- DIRECTION OF TRAFFIC

MAINTENANCE CROSSOVER FOR FREEWAYS

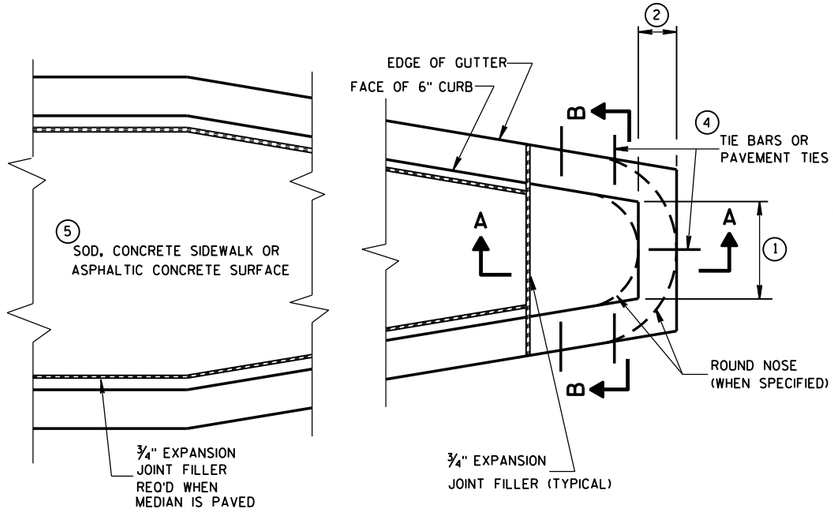
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

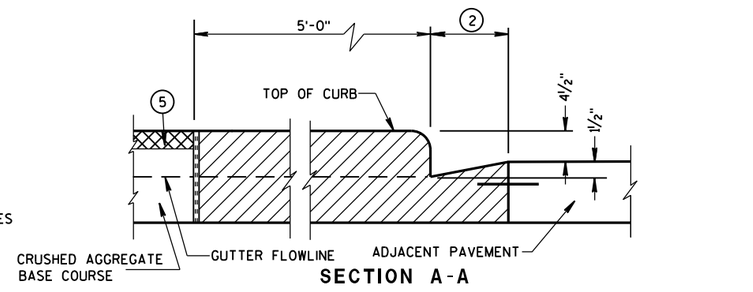
APPROVED
November 2019
DATE

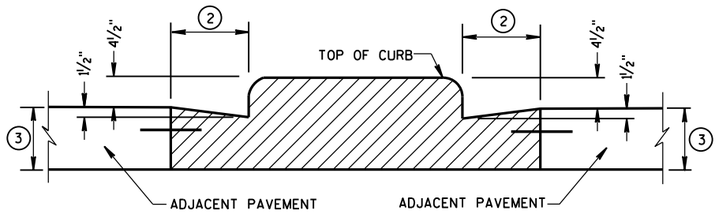
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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SDD 11A01 - 06







CONCRETE MEDIAN BLUNT NOSE DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

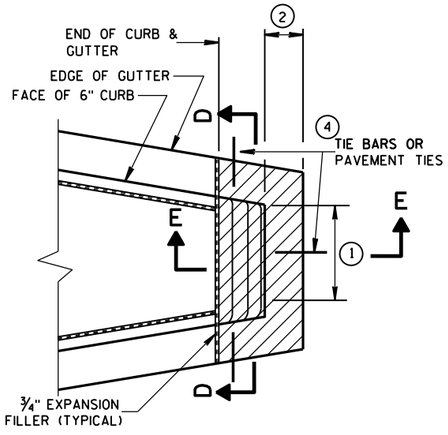
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

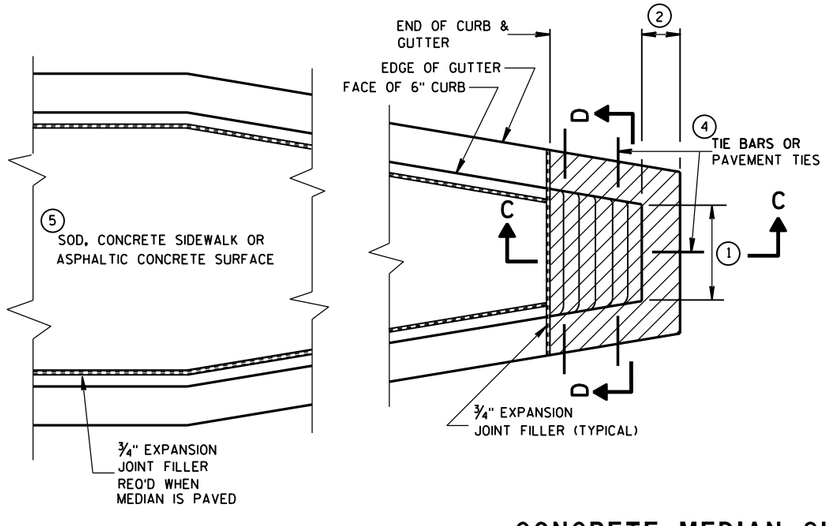
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

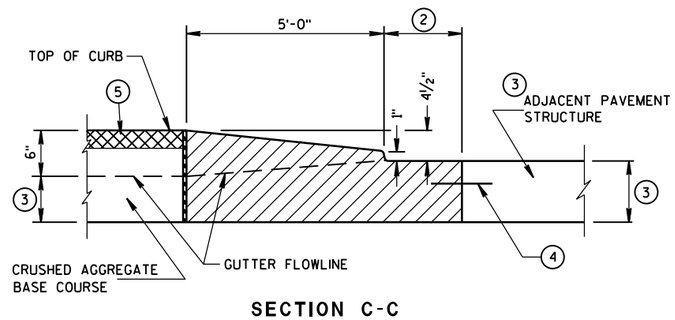
(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

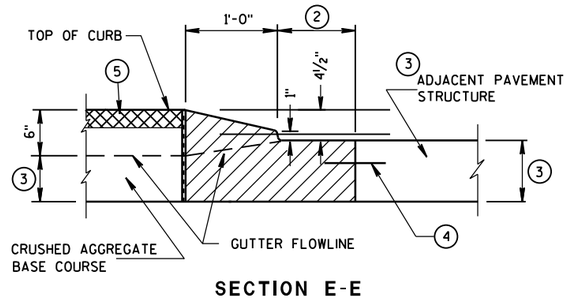
PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.



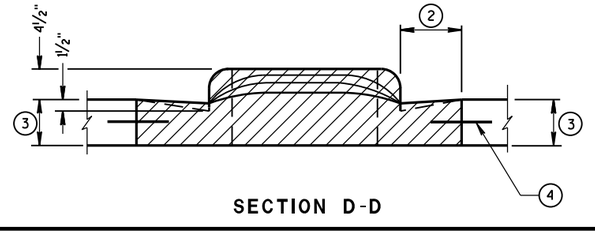






CONCRETE MEDIAN SLOPED NOSE TYPE 2

CONCRETE MEDIAN SLOPED NOSE TYPE 1



CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

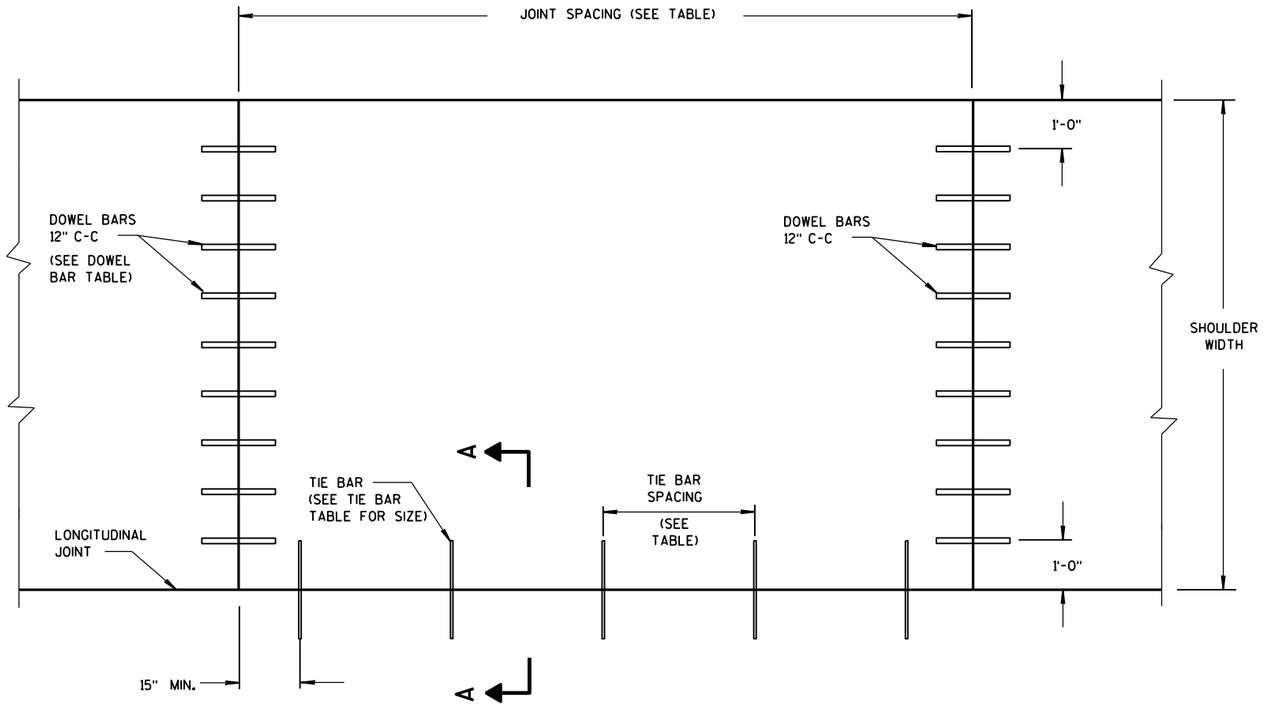
APPROVED
6/8/2006
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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S.D.D. 11 B 2-2

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S.D.D. 11 B 2-2



PLAN VIEW

CONCRETE PAVEMENT SHOULDER

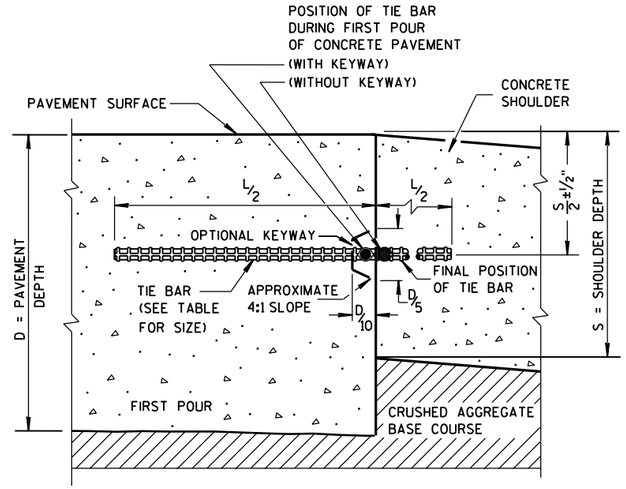
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

TRANSVERSE JOINT DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.

FINISH THE SHOULDER PAVEMENT CONFORMING TO SUBSECTION 415.3.8 OF THE STANDARD SPECIFICATIONS.

TIE BARS SHALL CONFORM TO SUBSECTION 505.2.4 OF THE STANDARD SPECIFICATIONS.



SECTION A-A

LONGITUDINAL CONSTRUCTION JOINT

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4*	30"	24"**

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER***	CONTRACTION JOINT SPACING
5 ½", 6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8", 8 ½"	1 ¼"	15'
9", 9 ½"	1 ¼"	15'
10" & ABOVE	1 ½"	15'

*** FOR DOWELED CONCRETE SHOULDERS WITH TRAPEZOIDAL CROSS SECTIONS, CHOSE THE APPROPRIATE DOWEL BAR DIAMETER BASED ON THE SMALLER PAVEMENT DEPTH (LIKELY THE OUTSIDE EDGE OF THE SHOULDER). IF USING BASKETS, USE BASKETS FOR THE AVERAGE THICKNESS OF THE CROSS SECTION.

CONCRETE PAVEMENT SHOULDERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

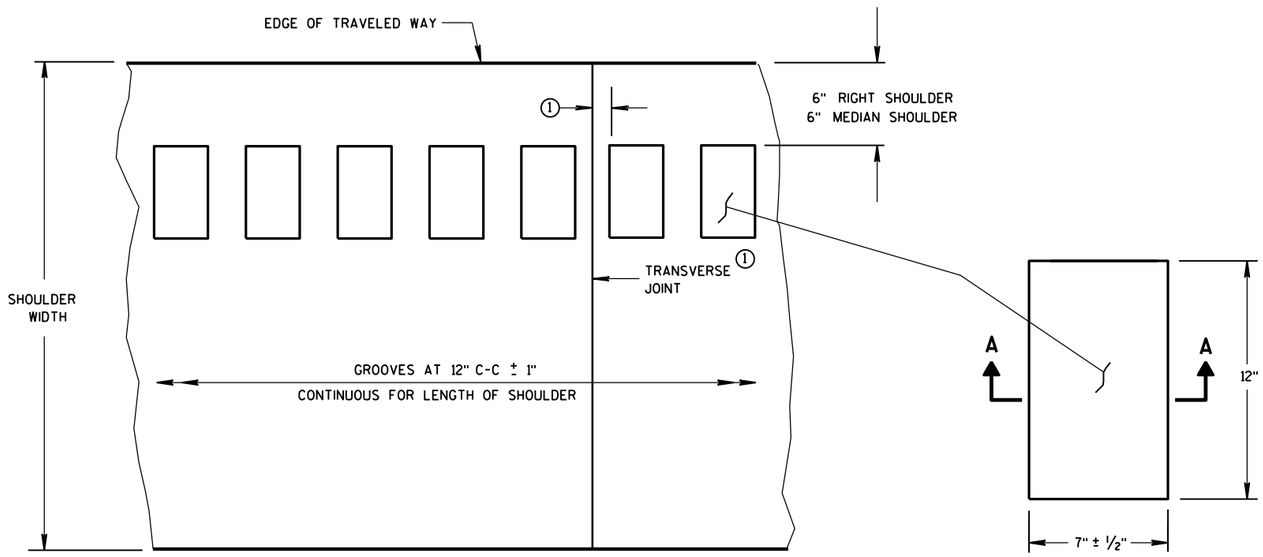
APPROVED
June, 2015 — DATE
/S/ Peter Kemp, P.E. — PAVEMENT SUPERV
FHWA

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S.D.D. 13 A 3-6

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S.D.D. 13 A 3-6



PLAN VIEW
SHOULDER WITH GROOVES

PLAN VIEW
(SINGLE GROOVE)

PLACEMENT DETAIL FOR MILLED RUMBLE STRIP

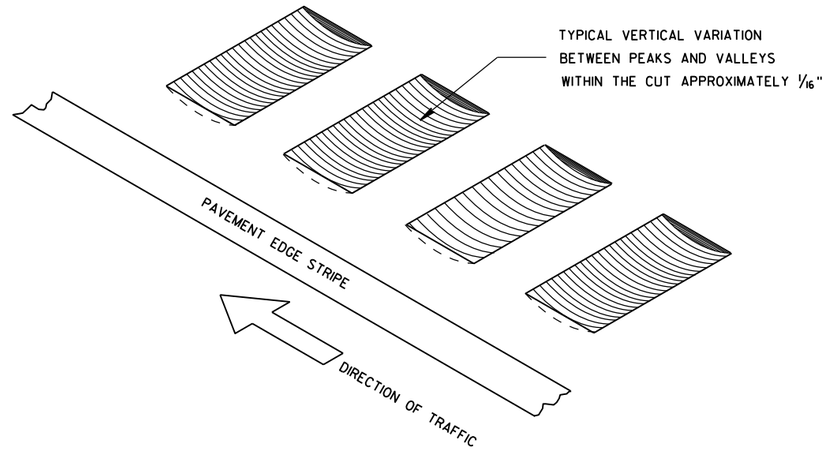
GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

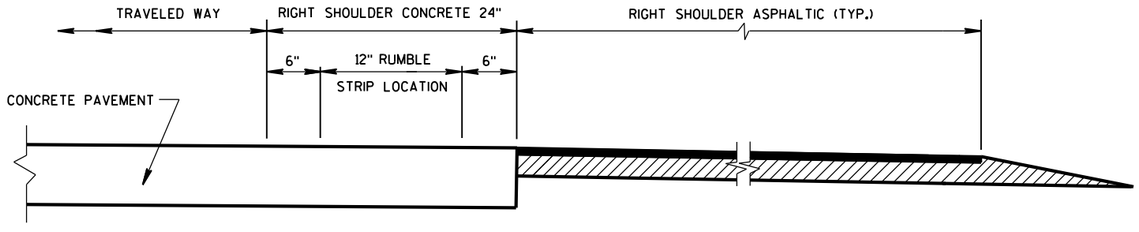
RUMBLE STRIPS ON EXPRESSWAYS

DO NOT INSTALL RUMBLE STRIPS ACROSS SIDE ROAD INTERSECTIONS, COMMERCIAL DRIVEWAYS, PRIVATE DRIVEWAYS OR ADJACENT TO RIGHT TURN LANES, LEFT TURN LANES, TURN LANE TAPERS, BRIDGE DECKS, BRIDGE APPROACHES, OR 100 FEET IN ADVANCE OF RAILROAD CROSSING. THE ATTACHED STANDARD DETAIL DRAWING SHOWS THE LOCATION OF THE RUMBLE STRIPS AT INTERCHANGE AREAS.

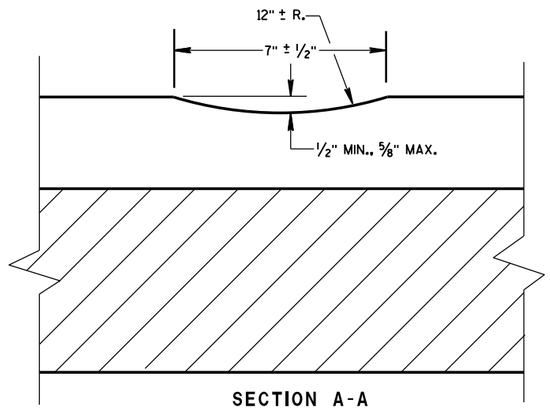
(1) CONCRETE PAVEMENT - RUMBLE STRIPS SHALL BE A MINIMUM OF 6" AWAY FROM TRANSVERSE JOINTS.



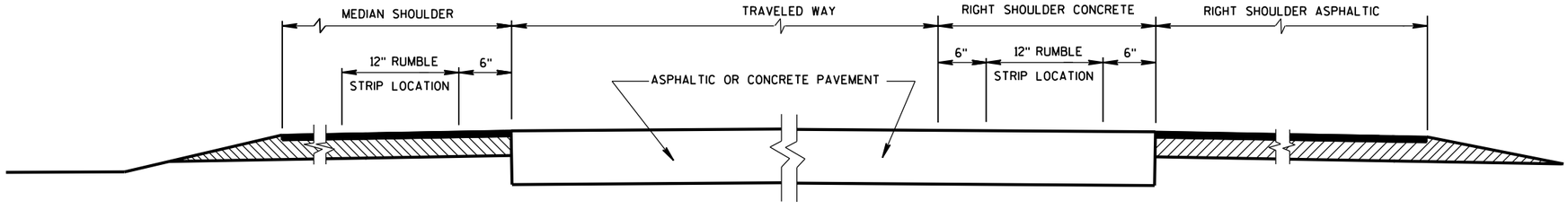
ISOMETRIC



SECTION VIEW
CONCRETE PAVEMENT EXTENDS INTO RIGHT SHOULDER)



SECTION A-A



SECTION VIEW

TYPICAL LOCATIONS OF SHOULDER RUMBLE STRIPS IN RURAL DIVIDED HIGHWAYS

(ONE ROADWAY IS SHOWN)

SHOULDER RUMBLE STRIP, MILLING

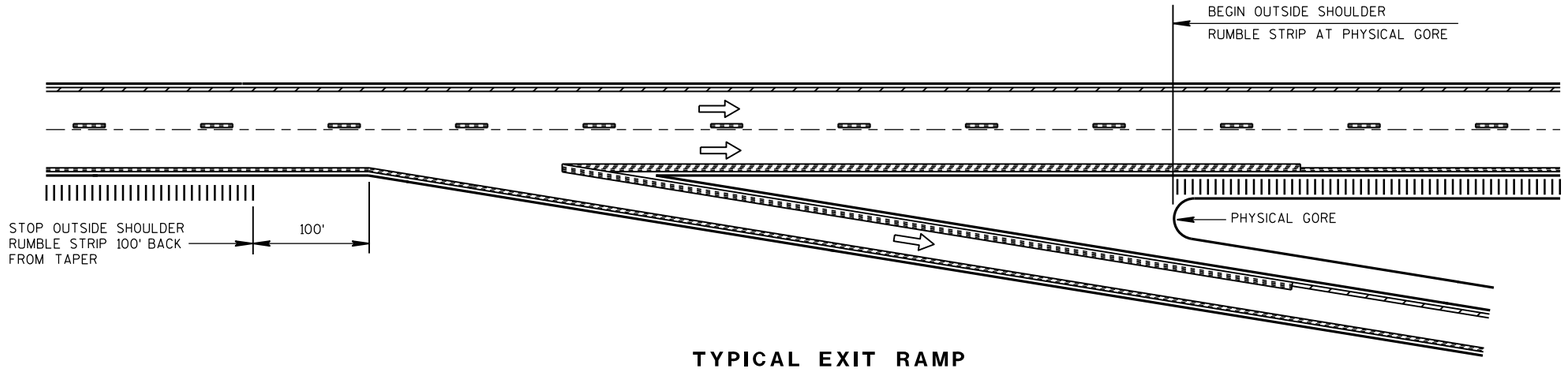
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 13 A 5-5a

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S.D.D. 13 A 5-5a



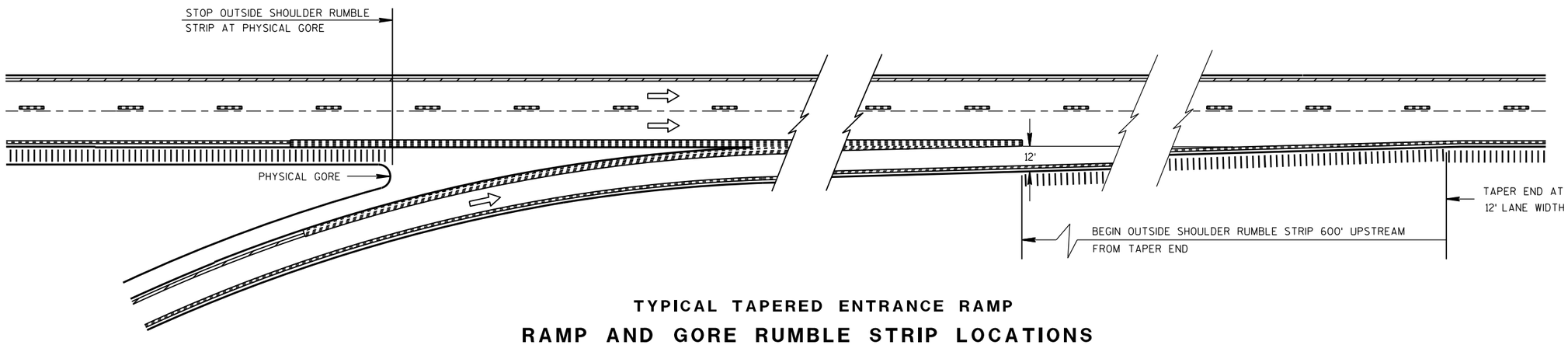
TYPICAL EXIT RAMP

NOTES:

NO RUMBLE STRIP ON EXIT, DIRECTIONAL, OR ENTRANCE RAMPS, EXCEPT NEAR THE ENTRANCE TAPER END AND ALONG THE PARALLEL RAMP AREA AS SHOWN.

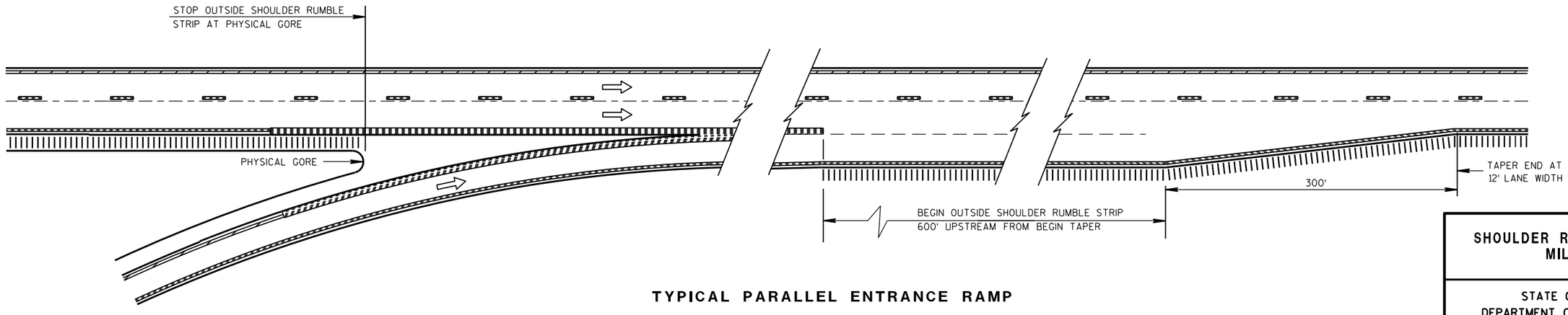
PAVEMENT MARKING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL



TYPICAL TAPERED ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS



TYPICAL PARALLEL ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS

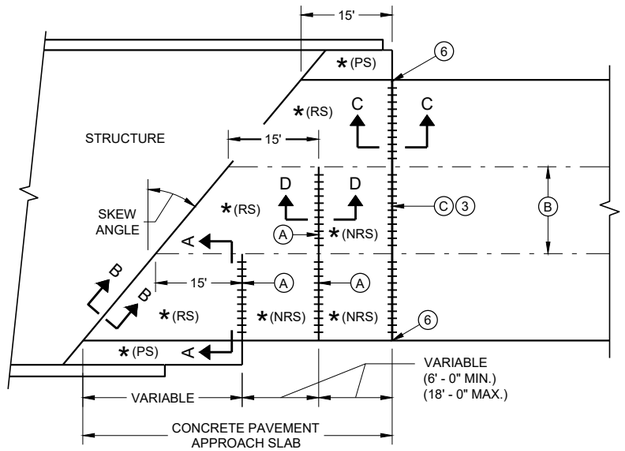
SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

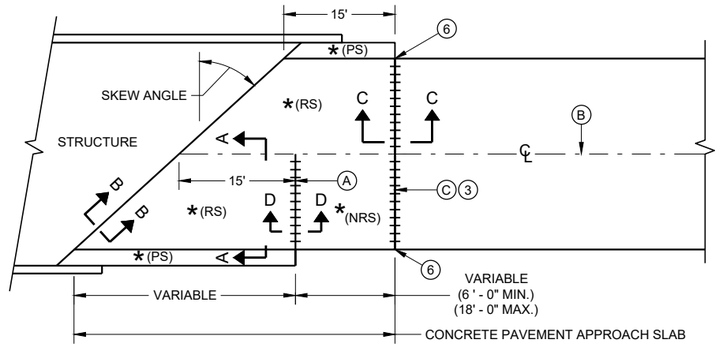
APPROVED
12/17/2012 — DATE
/S/ Jerry H. Zoga — ROADWAY STANDARDS ENGINEER
FHWA

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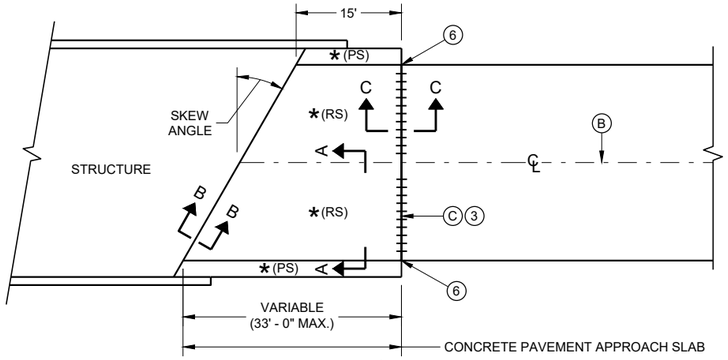
S.D.D. 13 A 5-5b



SKEWED APPROACH
(PAVEMENT MORE THAN TWO LANES)



SKEWS > 20°
(PAVEMENT WIDTH ≤ 30')



SKEWS ≤ 20°
(PAVEMENT WIDTH ≤ 30')

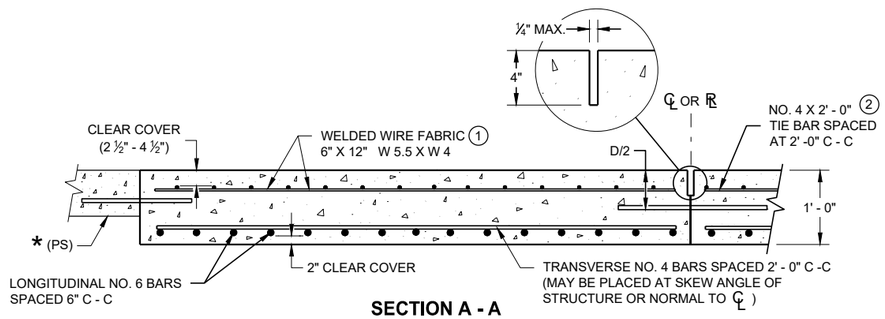
APPROACH SLAB AND ADJACENT PAVEMENT

* (RS) = REINFORCED CONCRETE SLAB

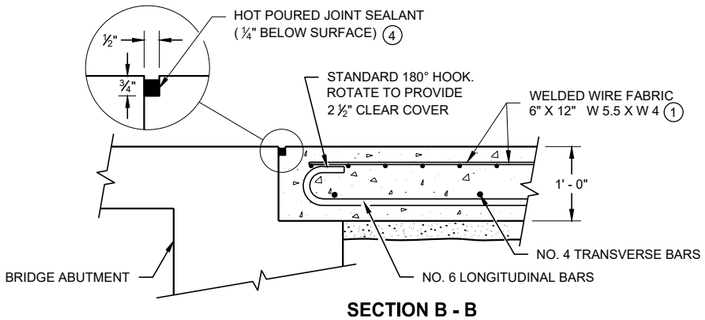
* (PS) = PAVED CONCRETE SHOULDER OR CONCRETE DRAINAGE SLAB

* (NRS) - NON - REINFORCED CONCRETE SLAB

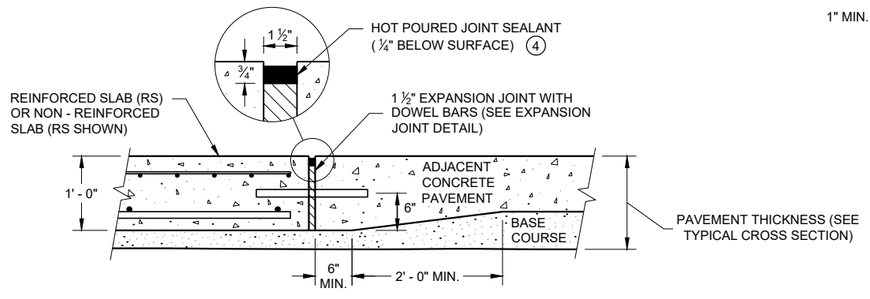
*** STANDARD DOWEL BAR DIAMETER (SEE SDD 13C11 AND SDD 13C13)



SECTION A - A
REINFORCEMENT POSITIONING DETAIL



SECTION B - B
BEND DETAIL
BOTTOM REINFORCEMENT



SECTION C - C
TRANSITION DETAIL
APPROACH SLAB TO ADJACENT PAVEMENT

GENERAL NOTES

THE CONTRACTOR MAY SPLICE NO. 6 BARS IN THE APPROACH SLAB FOR SKEWED STRUCTURES ONLY. STAGGER SPLICES WITH A MAXIMUM OF ONE SPLICE PER BAR. THE LENGTH OF LAP IS 20 INCHES.

TACK WELD DOWEL BARS TO THE BASKETS ON ALTERNATE ENDS.

(1) THE CONTRACTOR MAY USE NO. 4 BARS SPACED AT 2' - 0 " C - C IN BOTH THE LONGITUDINAL AND TRANSVERSE DIRECTIONS FOR TOP REINFORCEMENT AS AN ALTERNATIVE TO THE WELDED WIRE FABRIC.

(2) THE CONTRACTOR MAY OMIT THE BARS BETWEEN REINFORCED SLABS WHERE SLAB REINFORCEMENT BARS EXTEND ACROSS THE CENTERLINE OR REFERENCE LINE.

(3) DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING AN HMA PAVEMENT.

(4) USE A JOINT SEALANT CONFORMING TO STANDARD SPECIFICATION 415.2.6.

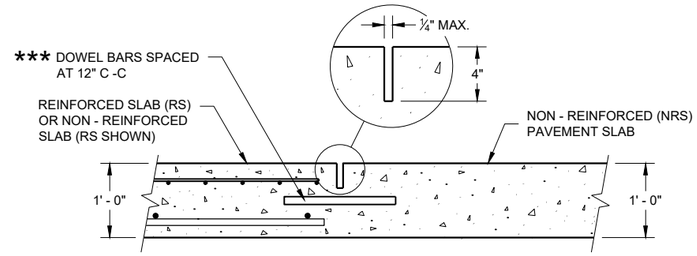
(5) PLACE EXPANSION CAP ON THE END OF THE DOWEL THAT IS NOT TACK WELDED TO THE BASKET. DO NOT FORCE DOWEL BAR PAST THE DOWEL STOP.

(6) EXTEND EXPANSION JOINT THROUGH ANY ADJACENT TIED CONCRETE.

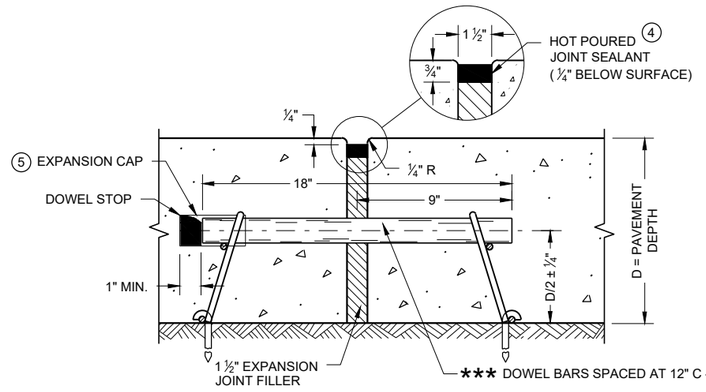
(A) STANDARD CONTRACTION JOINT NORMAL TO ℄ OR ℞.

(B) STANDARD LONGITUDINAL JOINT WITH TIE BARS.

(C) 1 ½" EXPANSION JOINT WITH DOWEL BARS NORMAL TO ℄ OR ℞ .



SECTION D - D
CONTRACTION JOINT



EXPANSION JOINT DETAIL

CONCRETE PAVEMENT APPROACH SLAB

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

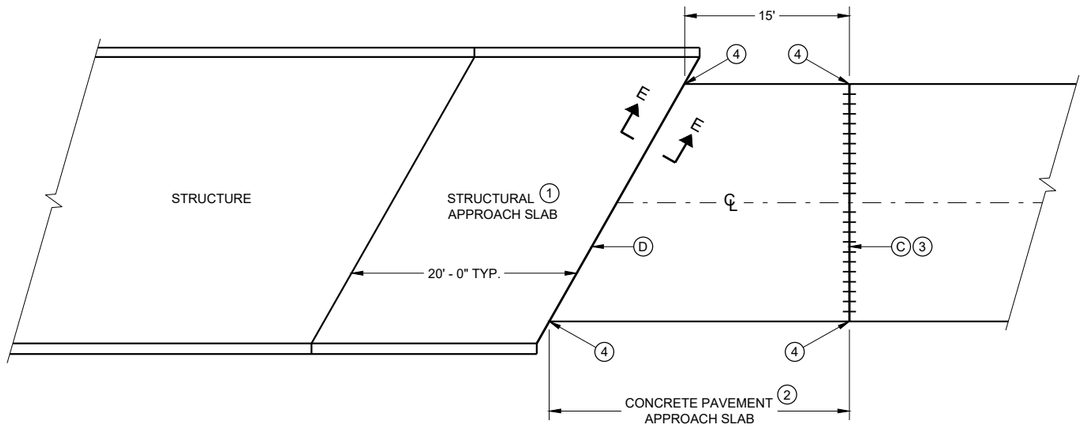
APPROVED
November 2018
DATE

/S/ Peter Kemp, P.E.
PAVEMENT SUPERVISOR

FHWA

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SDD 13B02 - 09a



BRIDGE APPROACHES

GENERAL NOTES

ALL PROJECTS THAT INVOLVE A STRUCTURAL APPROACH SLAB WILL ALSO HAVE A CONCRETE PAVEMENT APPROACH SLAB.

(1) SEE BRIDGE PLAN.

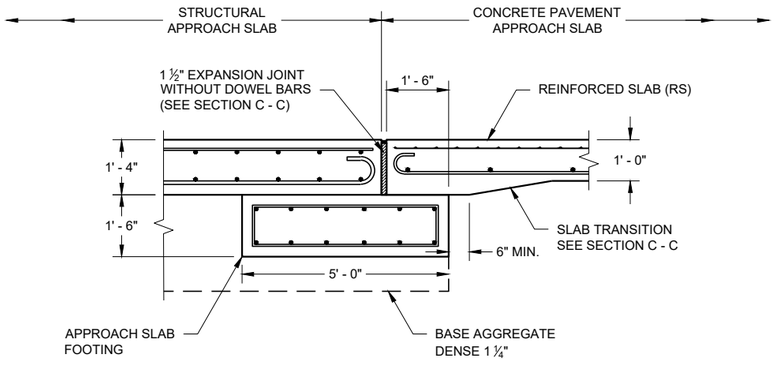
(2) CONFORM TO SDD 13B02 SHEET A FOR CONCRETE PAVEMENT APPROACH SLAB DETAILS

(3) DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING AN HMA PAVEMENT.

(4) EXTEND EXPANSION JOINT THROUGH ANY ADJACENT TIED CONCRETE.

(C) 1 ½" EXPANSION JOINT WITH DOWEL BARS NORMAL TO ℄ OR ℞.

(D) 1 ½" EXPANSION JOINT (NO DOWELS)



SECTION E - E
FOOTING DETAIL
STRUCTURAL APPROACH SLAB TO CONCRETE BRIDGE APPROACH

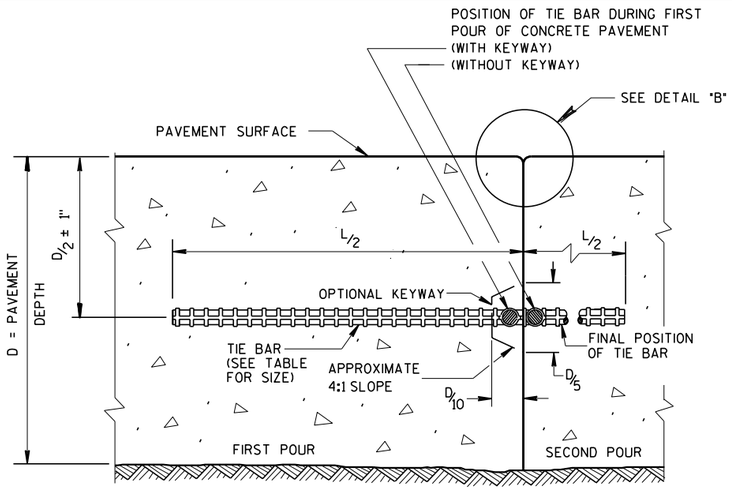
STRUCTURAL APPROACH SLAB AND CONCRETE PAVEMENT APPROACH SLAB

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

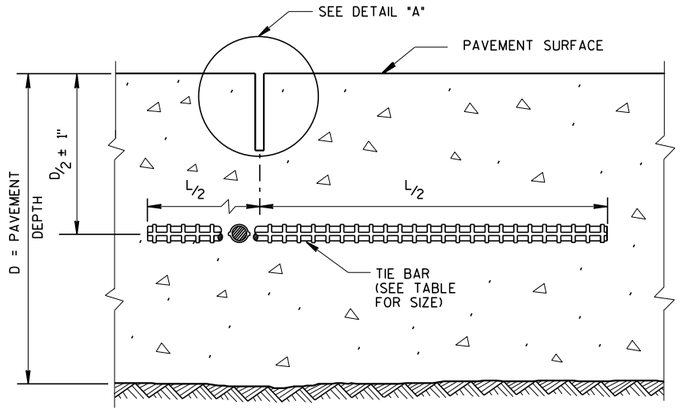
APPROVED
November 2018
DATE
/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS
FHWA

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SDD 13B02 - 09b



CONSTRUCTION JOINT



SAWED JOINT

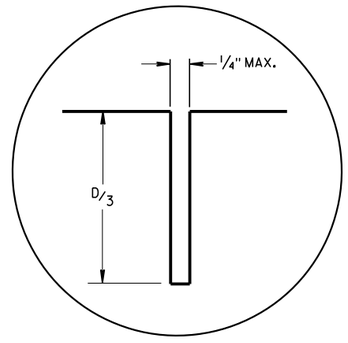
GENERAL NOTES

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

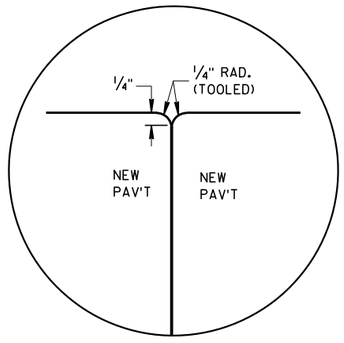
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

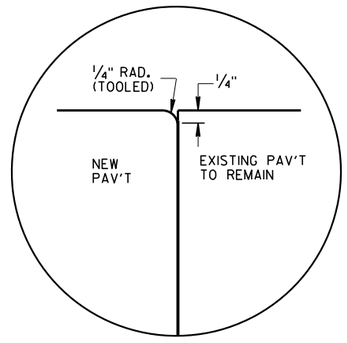
(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.



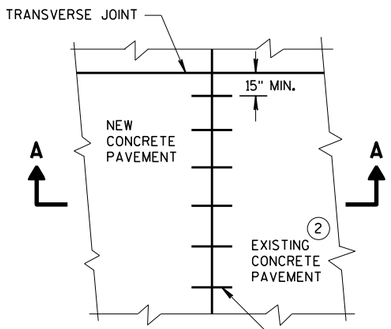
DETAIL "A"



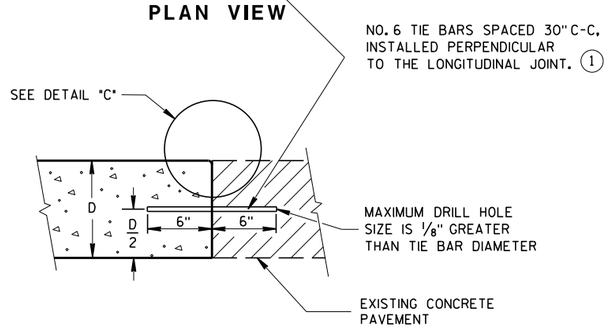
DETAIL "B"



DETAIL "C"



PLAN VIEW



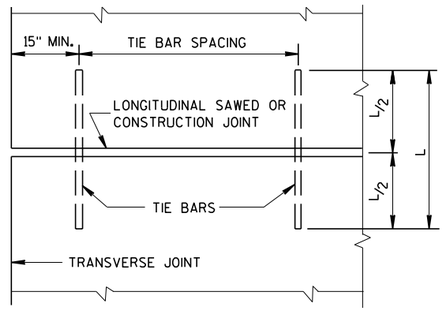
SECTION A-A
LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



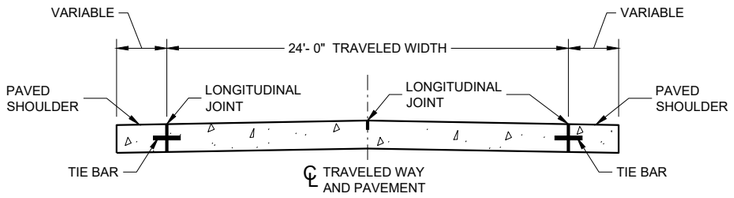
PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

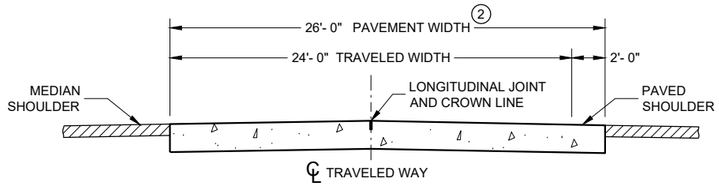
APPROVED
March 2018 — DATE
/S/ Peter Kemp P.E. — PAVEMENT SUPE
FHWA

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S.D.D. 13 C 1-19

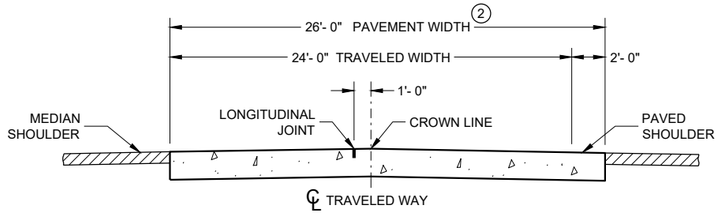


SECTION A - A

TWO-LANE TWO-WAY HIGHWAY (1)



SECTION B - B



ALTERNATIVE SECTION B - B

DIVIDED HIGHWAY (1)

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES FROM AND A MAXIMUM OF 18 INCHES FROM THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

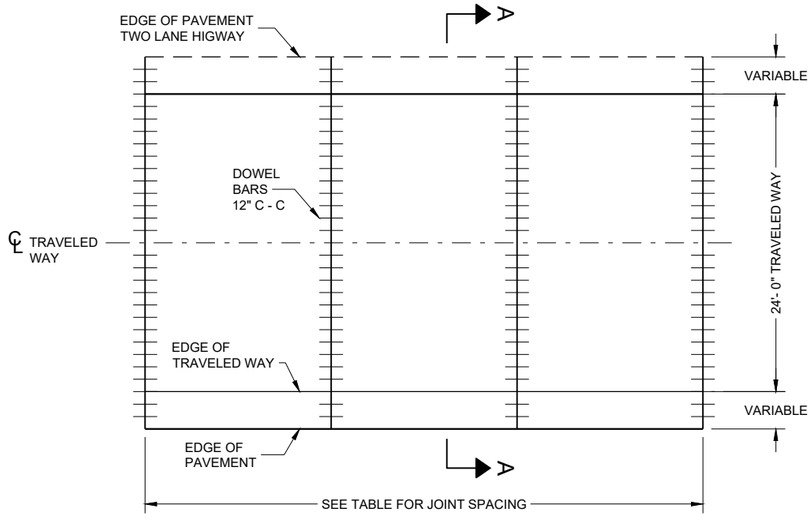
LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO THE CONTRACTION JOINTS.

(1) REFER TO TYPICAL CROSS SECTIONS FOR ADDITIONAL DETAILS.

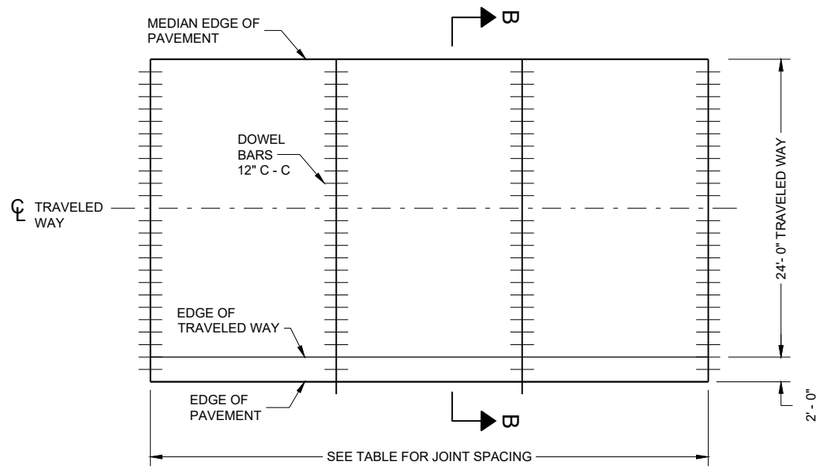
(2) MEASURE THE ENTIRE PAVED WIDTH INCLUDING THE PORTION(S) LABELED "PAVED SHOULDER" AS CONCRETE PAVEMENT.

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 ½", 6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8", 8 ½"	1 ¼"	15'
9" & ABOVE	1 ¼"	15'



CONTRACTION JOINT LAYOUT FOR TWO-LANE TWO-WAY HIGHWAY



CONTRACTION JOINT LAYOUT FOR DIVIDED HIGHWAY

RURAL DOWELED CONCRETE PAVEMENT

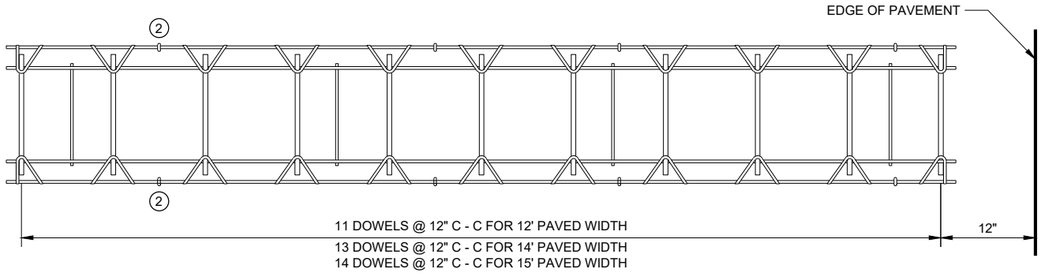
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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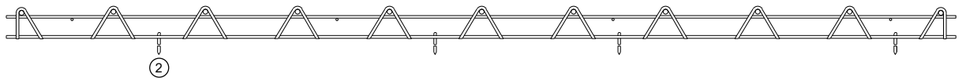
SDD 13C11 - 13a

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SDD 13C11 - 13a



PLAN VIEW



SIDE VIEW

(NORMAL TO CENTERLINE)

CONTRACTION JOINT DOWEL ASSEMBLY (1)

GENERAL NOTES

(1) OBTAIN THE ENGINEER'S APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTION CONTRACTION JOINTS.

(2) SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.

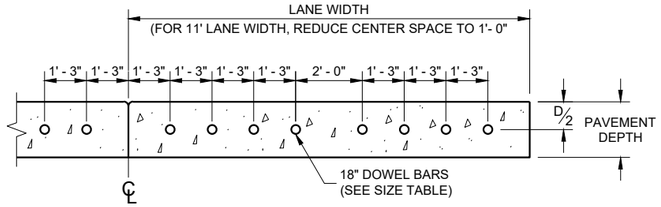
(3) FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A ¼" RADIUS AT FORMED JOINTS.

(4) PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.

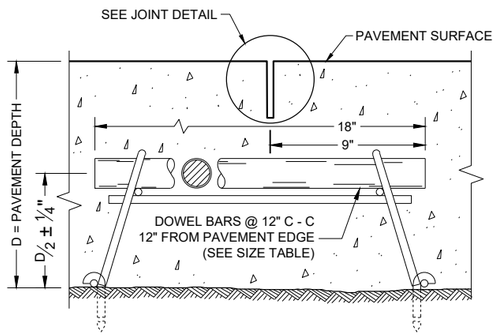
(5) INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C - C AND 12 INCHES FROM PAVEMENT EDGE. REMOVE EXCESS CONCRETE FROM THE FREE END OF THE DOWEL BAR IF DOWEL BARS ARE FORMED THROUGH A HEADER BOARD. INSTALL DRILLED DOWEL BARS ACCORDING TO THE "DRILLED DOWEL BAR CONSTRUCTION JOINT" DETAIL.

(6) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

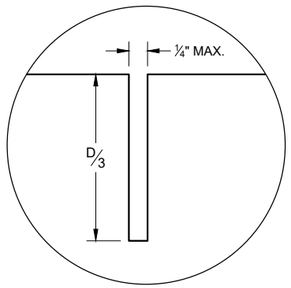
(7) ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS ⅛" GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.



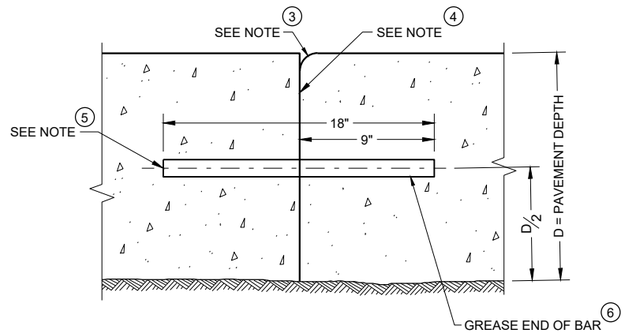
DRILLED DOWEL BAR CONSTRUCTION JOINT (7)



DOWELED CONTRACTION JOINT



JOINT DETAIL



TRANSVERSE CONSTRUCTION JOINT

RURAL DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

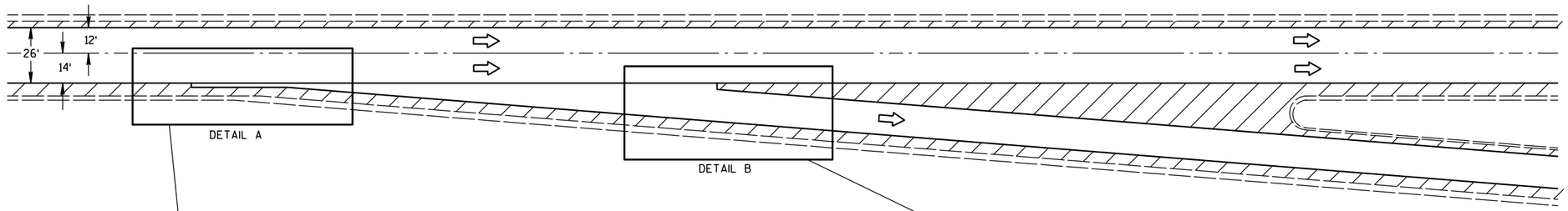
APPROVED
00-00-00
DATE

/S/ <AUTHOR>
PAVEMENT SUPERVIS

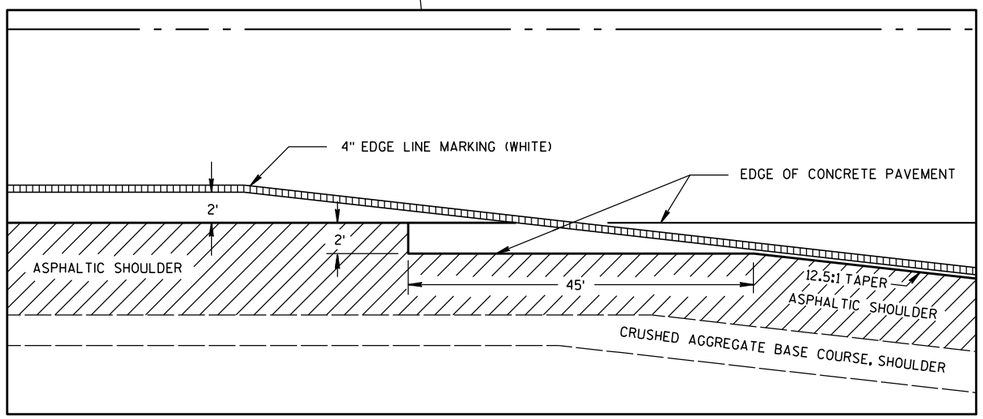
FHWA

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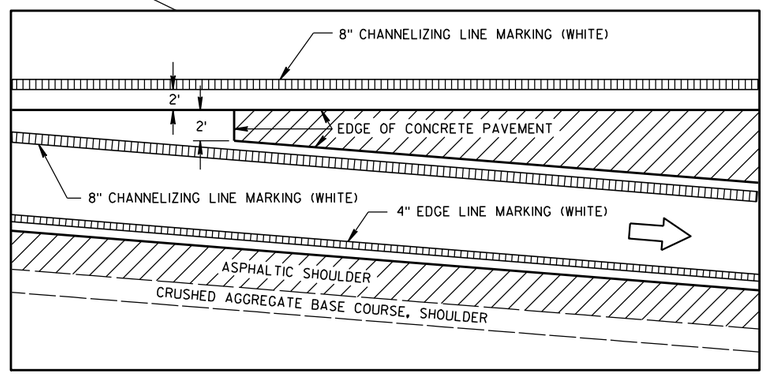
SDD 13C11 - 13b



EXIT RAMP DETAIL



DETAIL A



DETAIL B

CONCRETE JOINT PAVING DETAILS

GENERAL NOTES

PAVEMENT MARKING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

SEE SDD 13 A 4-4c OR SDD 13 A 5-1b FOR RAMP AND GORE RUMBLE STRIP LOCATION.

CONCRETE JOINT DETAIL FOR EXIT RAMP TERMINI

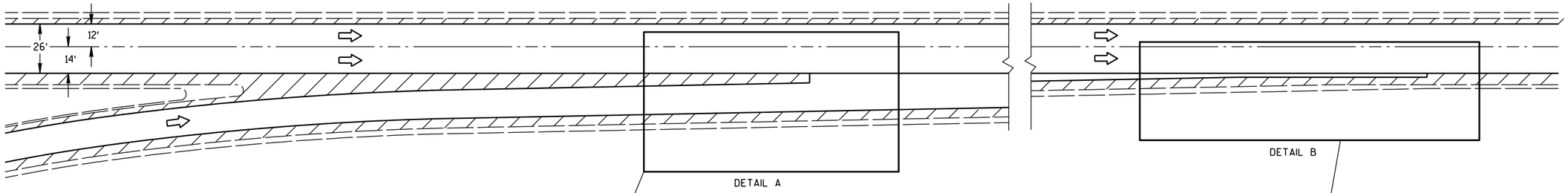
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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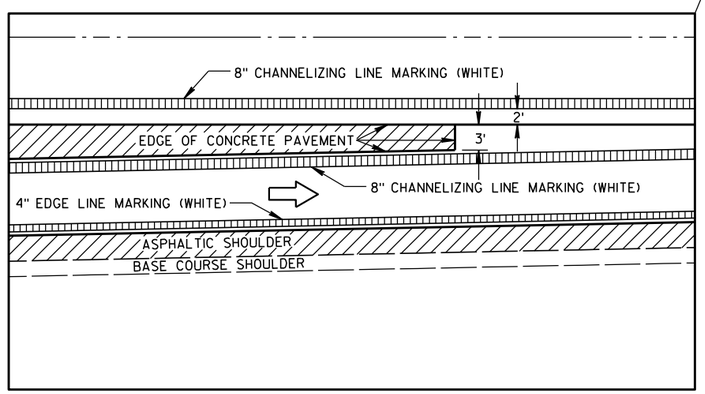
S.D.D. 13 C 17-1a

6

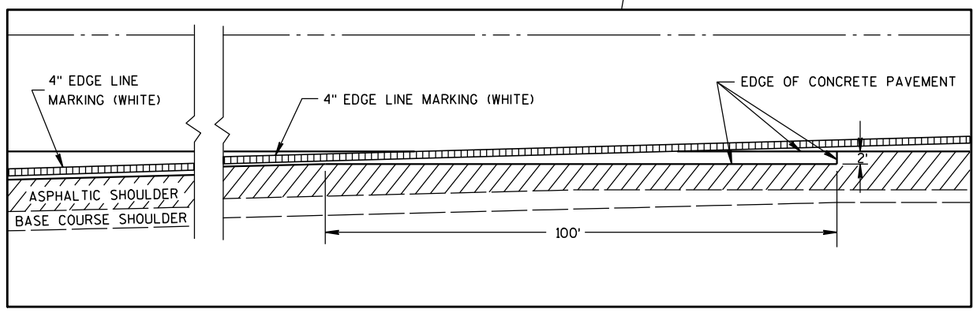
S.D.D. 13 C 17-1a



ENTRANCE RAMP DETAIL



DETAIL A



DETAIL B

CONCRETE JOINT PAVING DETAILS

GENERAL NOTES

PAVEMENT MARKING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

SEE SDD 13 A 4-4c OR SDD 13 A 5-1b FOR RAMP AND GORE RUMBLE STRIP LOCATION.

CONCRETE JOINT DETAIL FOR ENTRANCE RAMP TERMINI

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

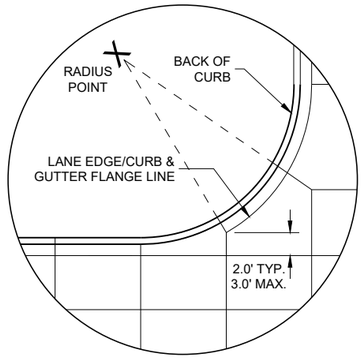
5/27/98
DATE

/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER

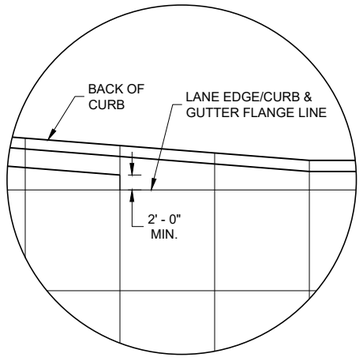
FHWA

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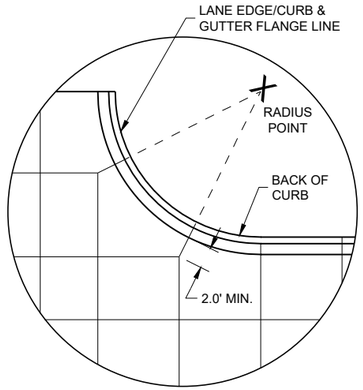
S.D.D. 13 C 17-1b



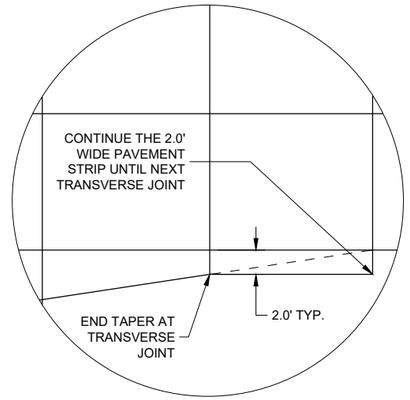
DETAIL "A"



DETAIL "B"



DETAIL "C"



DETAIL "D"

GENERAL NOTES

THE PRIMARY ROADWAY CONTROLS THE TRANSVERSE JOINT PATTERN.

ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS.

CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.

ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (E.G MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE. WATER VALVES DO NOT REQUIRE JOINT ADJUSTMENT.

AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

SEE TABLE FOR TRANSVERSE JOINT SPACING. JOINT SPACING SPECIFIED IS MAXIMUM AND ACTUAL SPACING CAN BE ADJUSTED TO ACCOMMODATE INTERSECTIONS.

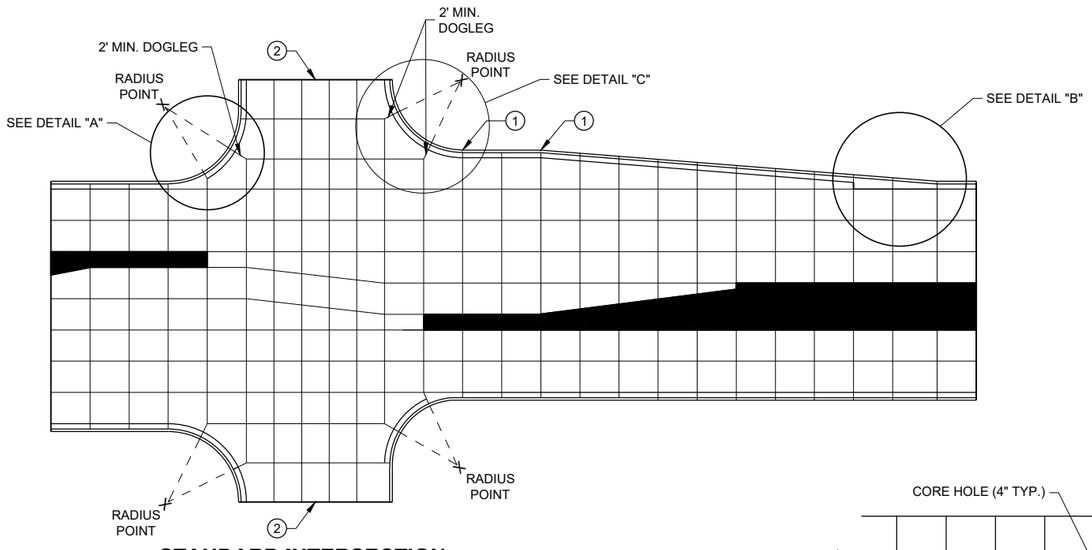
AVOID ANGLES LESS THAN 60° BY DOGLEGGING JOINTS THROUGH CURVE RADIUS POINTS. USE 90° ANGLES WHEN POSSIBLE.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.

(2) CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITHEDGE OF RADIUS.

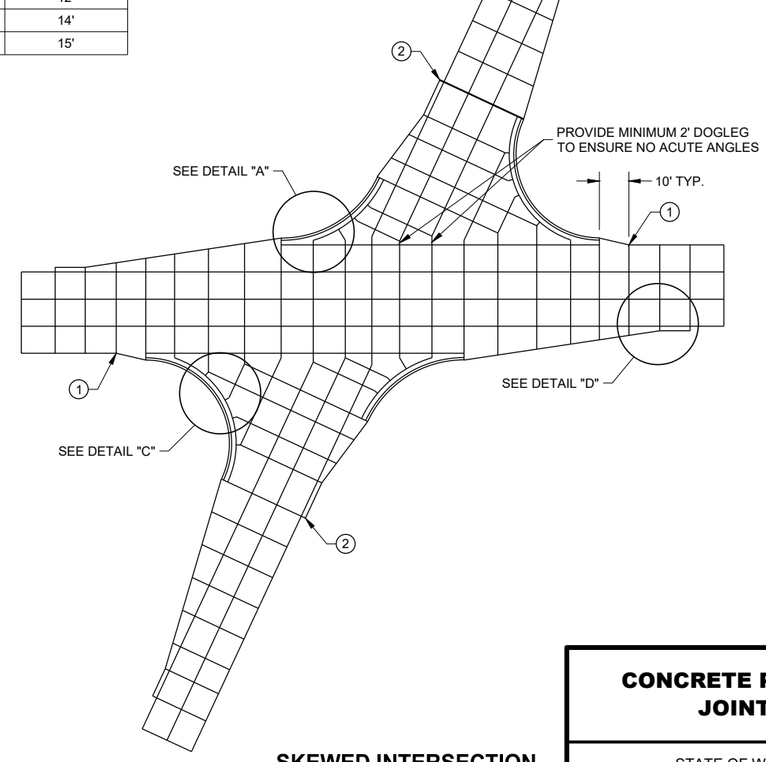
(3) THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



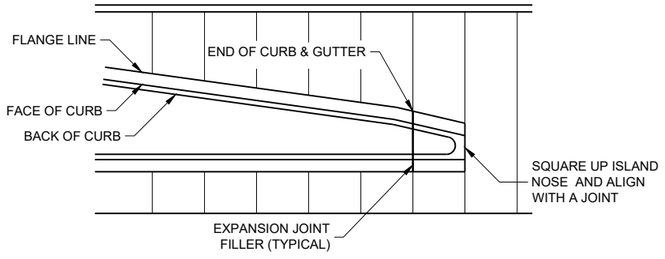
STANDARD INTERSECTION

PAVEMENT DEPTH AND JOINT SPACING TABLE

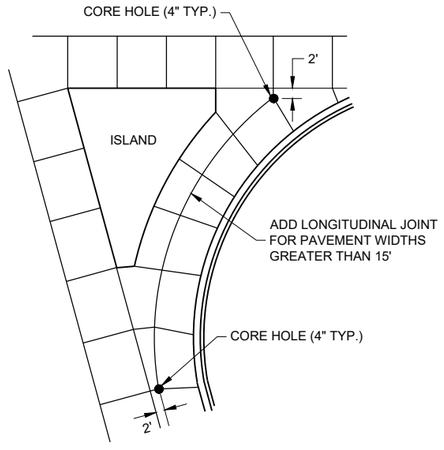
PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6 ½"	12'
7", 7 ½"	14'
8" & ABOVE	15'



SKEWED INTERSECTION



APPROACH TO MEDIAN



LARGE RIGHT TURN

CONCRETE PAVEMENT JOINTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 13C18 - 07a

6

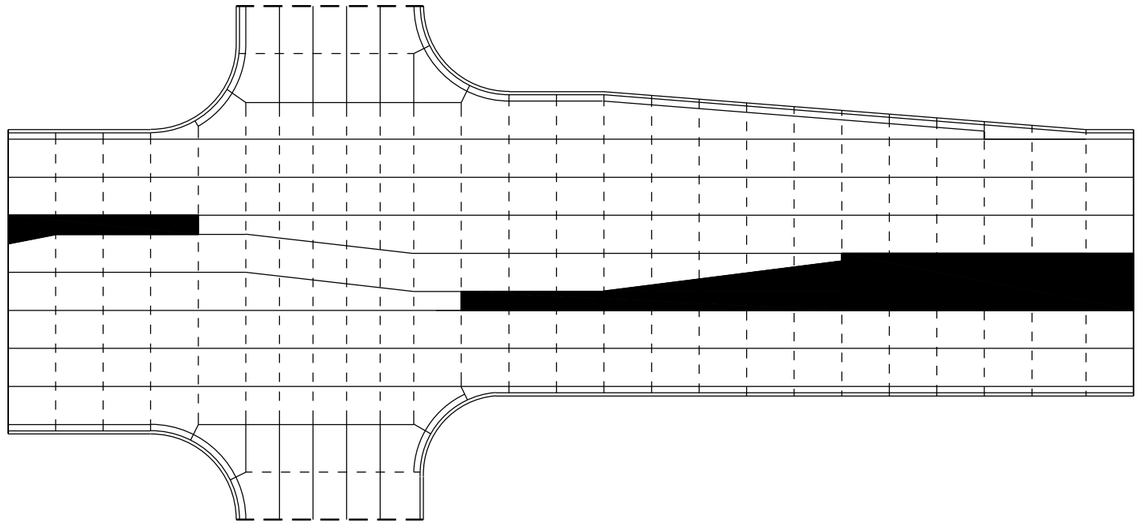
SDD 13C18 - 07a

LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

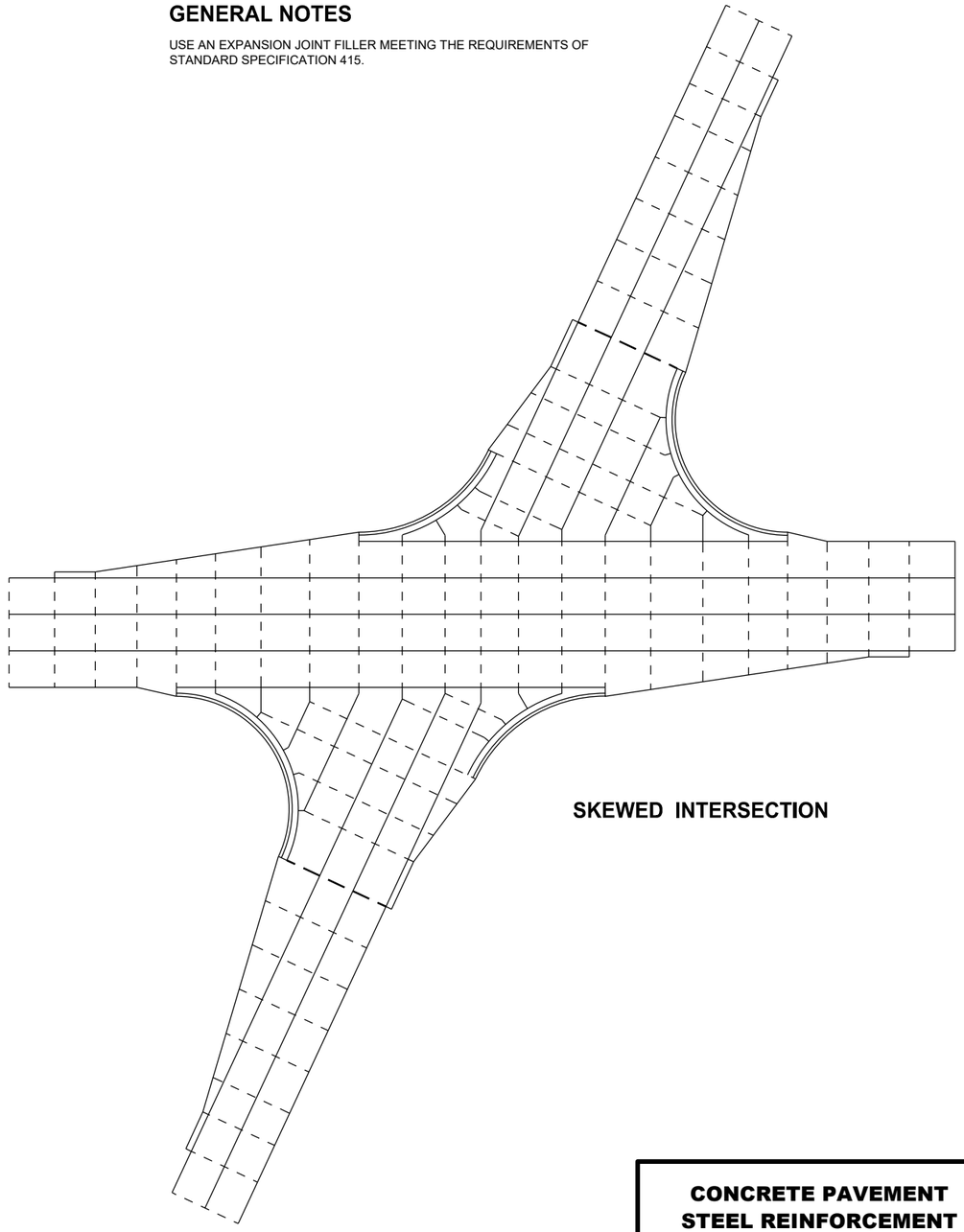
TIED JOINT



STANDARD INTERSECTION

GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

6

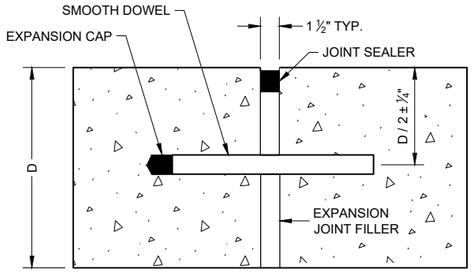
SDD 13C18 - 07b

CONCRETE PAVEMENT STEEL REINFORCEMENT

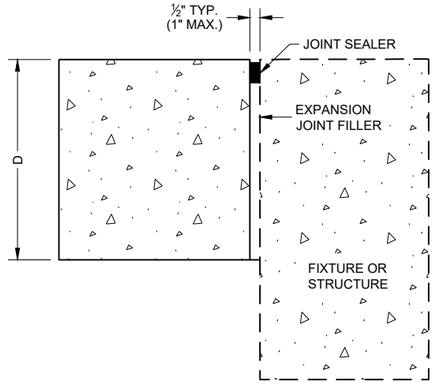
STATE OF WISCONSIN
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SDD 13C18 - 07b



DOWELED TRANSVERSE (1)



UNTIED - LONGITUDINAL

EXPANSION JOINTS

TIE BAR TABLE

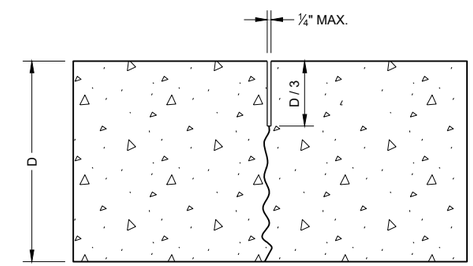
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

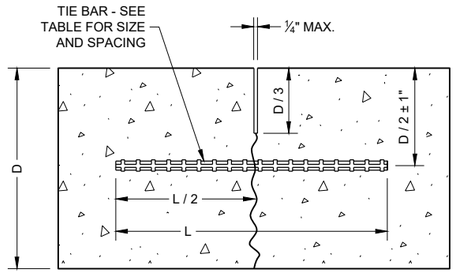
** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

GENERAL NOTES

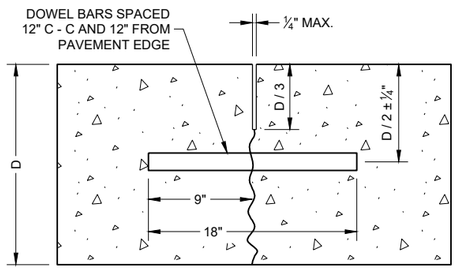
1. USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATETHE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
2. SPACE CONTRACTION JOINTS IN ACCORDANCE WITH SDD 13C4, 13C11 OR 13C13.
3. LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
4. CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
5. IF JOINT IS FORMED, PROVIDE A ¼" RADIUS.
6. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



UNDOWELED TRANSVERSE

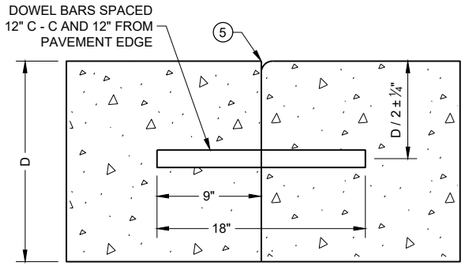


TIED LONGITUDINAL

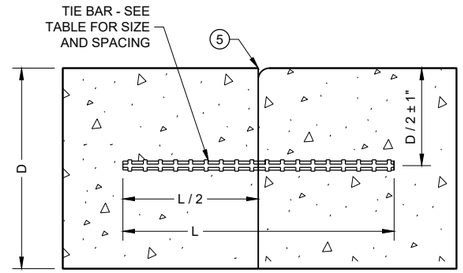


DOWELED TRANSVERSE

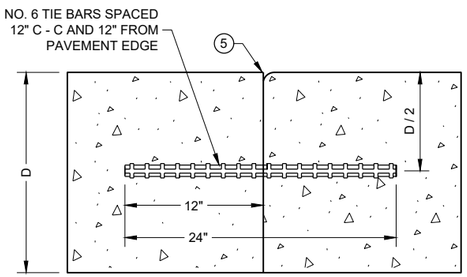
CONTRACTION JOINTS (2)



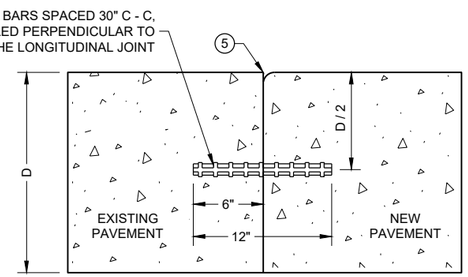
DOWELED TRANSVERSE (3)



TIED LONGITUDINAL



TIED TRANSVERSE (3)
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



TIED LONGITUDINAL TO EXISTING

CONSTRUCTION JOINTS (4)

CONCRETE PAVEMENT JOINT TYPES

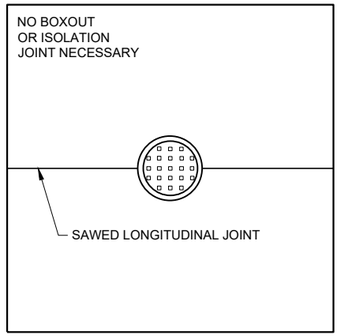
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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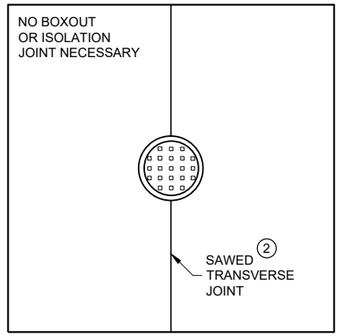
SDD 13C18 - 07c

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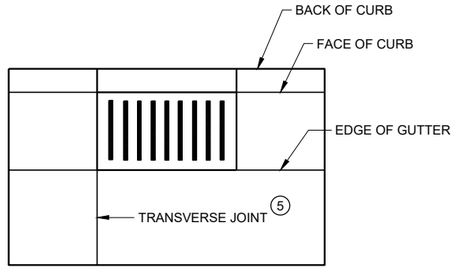
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MANHOLE WITH LONGITUDINAL JOINT



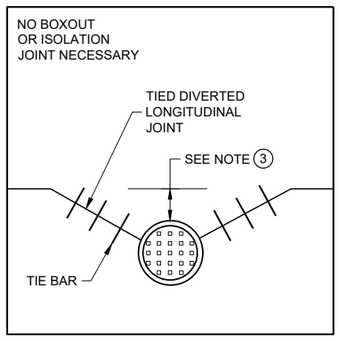
MANHOLE WITH TRANSVERSE JOINT



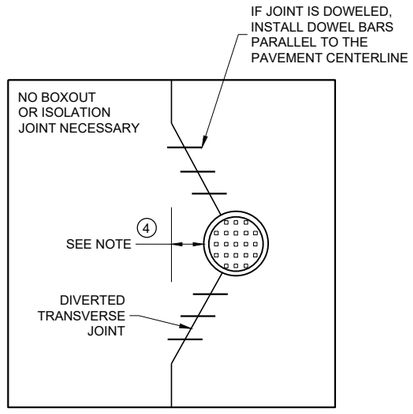
INLET WITH TRANSVERSE JOINT

GENERAL NOTES

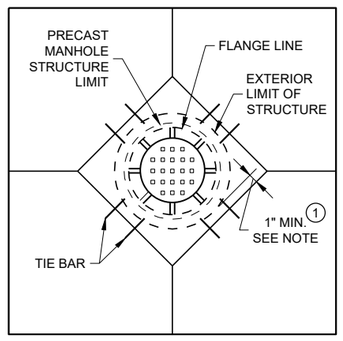
1. USE BOXOUTS WHEN UTILITY STRUCTURE IS IN THE PATH OF CONSTRUCTION JOINTS. PROVIDE A 1 FOOT MINIMUM CLEARANCE BETWEEN THE EXTERIOR LIMIT OF THE STRUCTURE TO THE DIAMOND BOXOUT.
2. ADJUST TRANSVERSE JOINT TO INTERSECT MANHOLE IF POSSIBLE.
3. IF DISTANCE BETWEEN THE LONGITUDINAL JOINT AND THE EDGE OF MANHOLE IS 2 FEET OR LESS, DIVERT THE LONGITUDINAL JOINT AT A 2:1 TAPER RATE TO THE CENTER OF THE MANHOLE. IF THE DISTANCE IS GREATER THAN 2 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
4. IF THE DISTANCE FROM THE EDGE OF THE MANHOLE TO THE NEAREST TRANSVERSE JOINT IS LESS 4 FEET OR LESS, REDIRECT JOINT TO INTERSECT THE CENTER OF THE MANHOLE. IF DISTANCE IS GREATER THAN 4 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
5. ALIGN TRANSVERSE JOINT WITH ONE EDGE OF INLET WHEN PRACTICAL.



MANHOLE WITH DIVERTED LONGITUDINAL CONTRACTION JOINT



MANHOLE WITH DIVERTED TRANSVERSE CONTRACTION JOINT



DIAGONAL MANHOLE BOXOUT FOR CONSTRUCTION JOINTS

CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

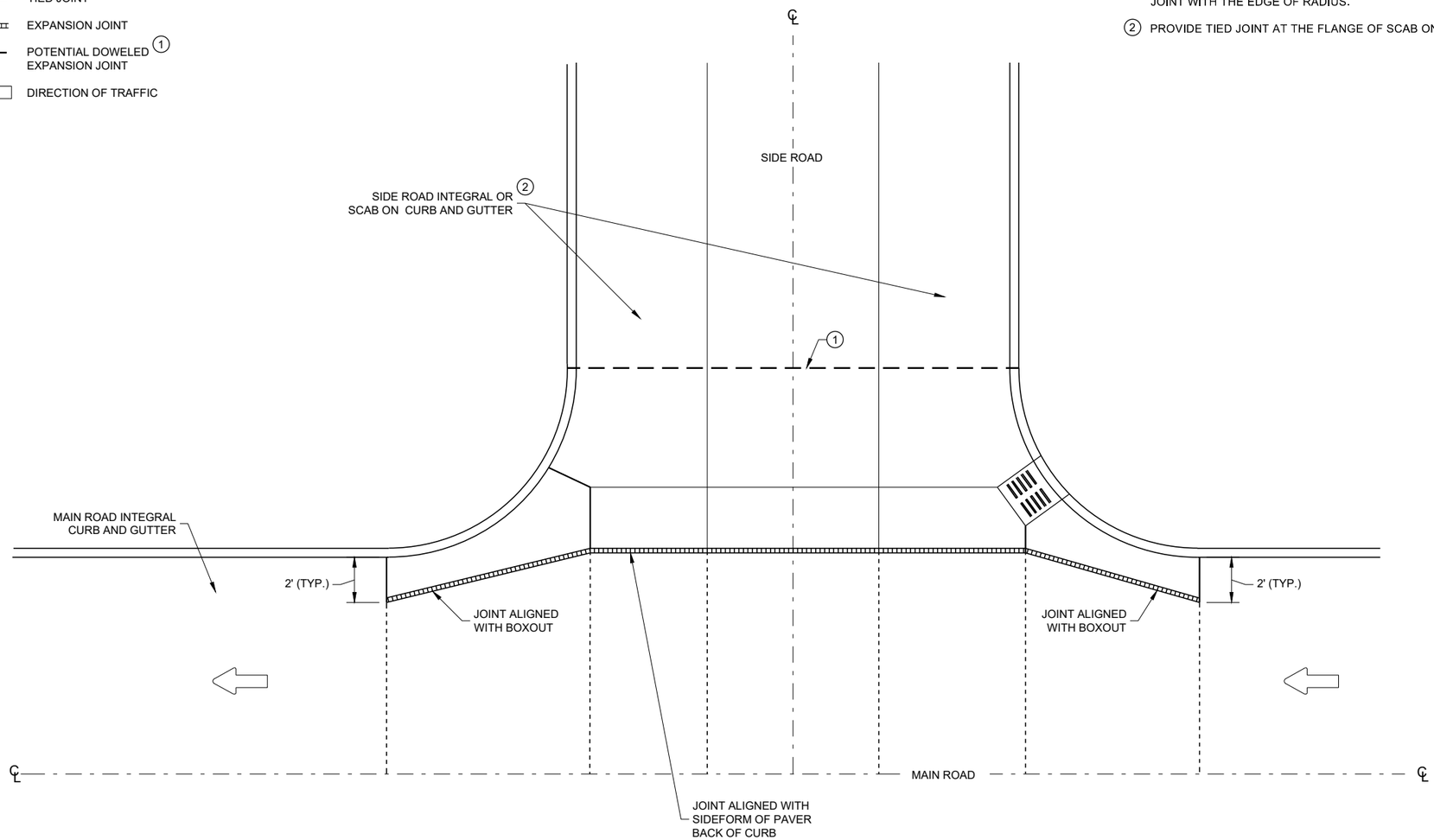
FHWA

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SDD13C18 - 07d
SDD13C18 - 07d

LEGEND

- DOWELED JOINT
- TIED JOINT
- EXPANSION JOINT
- POTENTIAL DOWELED EXPANSION JOINT (1)
- DIRECTION OF TRAFFIC



GENERAL NOTES

(1) CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH THE EDGE OF RADIUS.

(2) PROVIDE TIED JOINT AT THE FLANGE OF SCAB ON CURB IF SCAB ON CURB AND GUTTER IS USE.

INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER

CONCRETE PAVEMENT INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Peter Kemp P.E.
ROADWAY STANDARDS DEVE ENGINEER

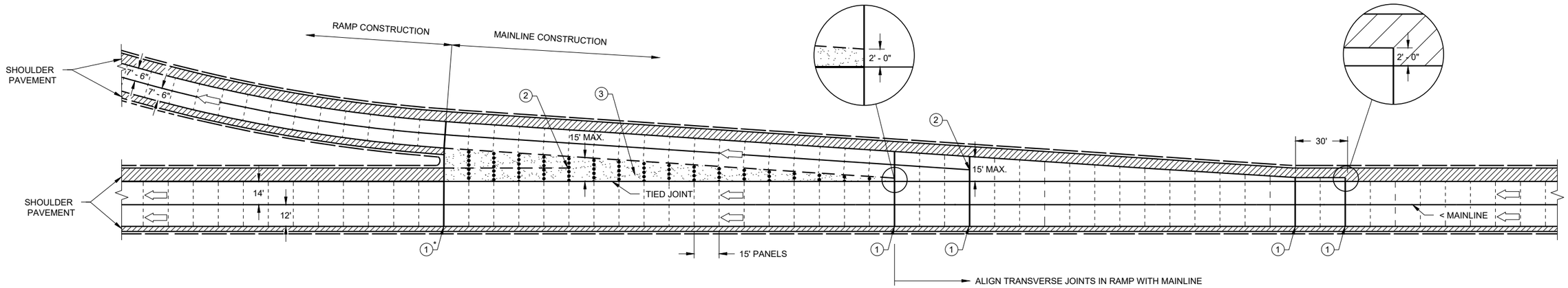
FHWA

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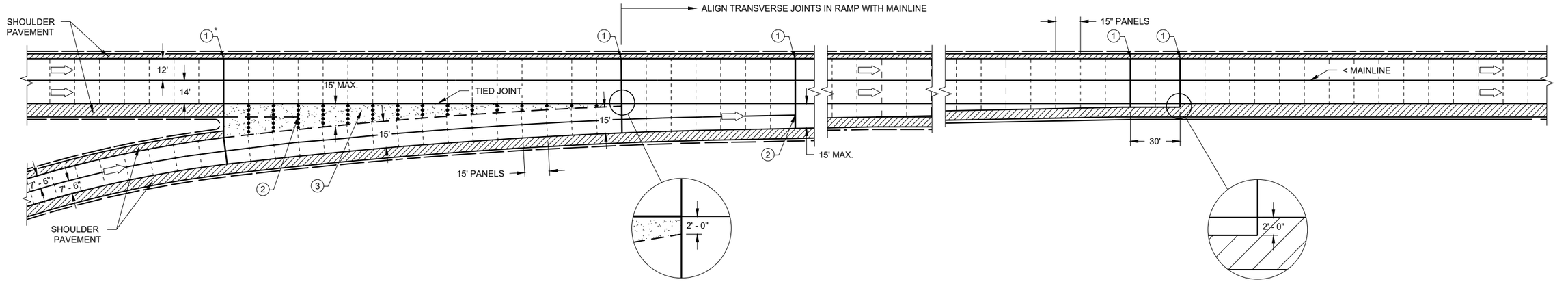
SDD 13C18 - 07f

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SDD 13C18 - 07f



DECELERATION LANE



ACCELERATION LANE

GENERAL NOTES

PAVEMENT AND BASE THICKNESS, PANEL LENGTHS, JOINTS AND REINFORCEMENT FOR THE DECELERATION AND ACCELERATION LANES, INCLUDING TAPERS, SHALL BE THE SAME AS THE MAINLINE, EXCEPT WHERE OTHERWISE NOTED.

ALL REINFORCEMENT BARS SHALL BE EPOXY COATED CONFORMING TO SUBSECTION 505.2.6 OF THE STANDARD SPECIFICATIONS.

LANE AND SHOULDER WIDTHS MAY VARY FROM SHOWN. SEE CONSTRUCTION PLANS FOR ACTUAL PROPOSED WIDTHS.

(1) CRITICAL TRANSVERSE JOINT LOCATIONS AT PAVEMENT WIDTH CHANGES. ((1)* IS NOT A CRITICAL TRANSVERSE JOINT WHEN ASPHALTIC GORE IS INSTALLED).

(2) STOP LONGITUDINAL JOINT WITH CORE HOLE (2" TYP.) WHEN IT MEETS THE FIRST TRANSVERSE JOINT LESS THAN 15' WIDE OR STOP LONGITUDINAL JOINT WHEN IT MEETS 2' AWAY FROM THE TIED JOINT OF THE MAINLINE.

(3) DISREGARD THE JOINT DETAILS IN AND AROUND THE GORE WHEN ASPHALTIC GORE IS INSTALLED.

LEGEND

- DOWELED JOINT
- UNDOWELED JOINT
- TIED JOINT
- UNTIED JOINT
- GORE
- DIRECTION OF TRAVEL

CONCRETE PAVEMENT JOINTING ACCELERATION/ DECELERATION LANE

STATE OF WISCONSIN
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APPROVED
November 2018
DATE

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ROADWAY STANDARDS DEVE ENGINEER

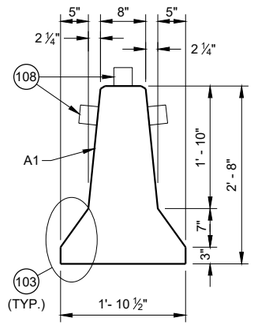
FHWA

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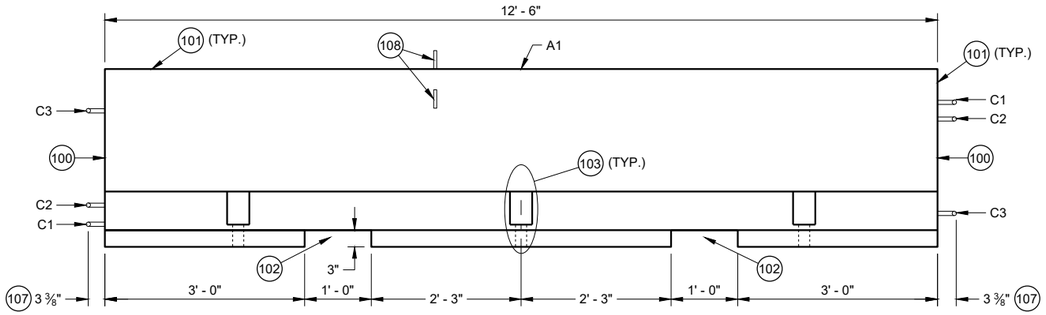
SDD13C18 - 07g

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SDD13C18 - 07g



CROSS SECTION



PROFILE VIEW

GENERAL NOTES

PLACE BARRIER ON PAVED SURFACE. BEFORE PLACEMENT OF TEMPORARY BARRIER, REMOVE ALL LOOSE MATERIAL FROM PAVED SURFACE.

LOOP BARS C1, C2 AND C3 ARE NOT FOR PLACEMENT OR MOVEMENT OF BARRIER.

(100) PERMANENTLY FORM INTO ONE END OF BARRIER THE FOLLOWING INFORMATION:
- A. TYPE OF BARRIER: WI-CBTP
- B. MANUFACTURER
- C. DATE OF MANUFACTURE (MONTH AND YEAR)

(101) 1" OPTIONAL CHAMFER

(102) SEE LIFTING SLOT DETAIL

(103) SEE ANCHOR BLOCK DETAIL

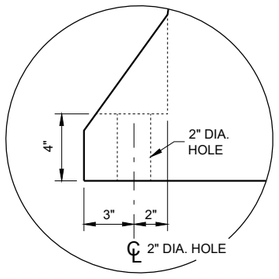
(104) 1 ¼" MIN. CLEAR COVER

(105) 2" MIN. CLEAR COVER

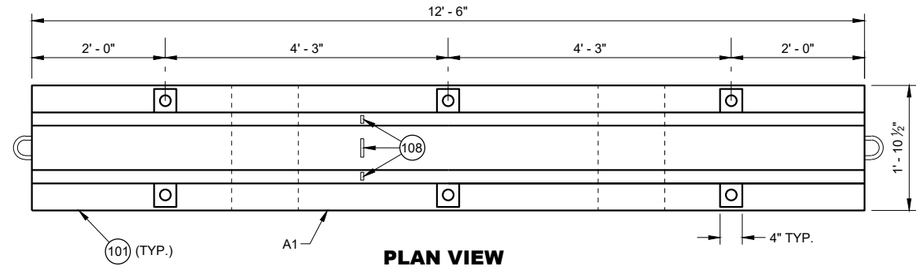
(106) 1" MIN. CLEAR COVER

(107) ± ⅛" MEASURED FROM FACE OF CONCRETE BARRIER TO OUTSIDE OF LOOP BAR (TYP.)

(108) USE DELINEATORS CONFORMING TO SECTION 633 OF THE STANDARD SPECIFICATIONS. CONTRACTOR MY USE ALTERNATE SHAPES AND HOUSING. INSTALL DELINEATORS ACCORDING TO MANUFACTURERS INSTRUCTION. INSTALL YELLOW REFLECTORS WHEN BARRIER IS LOCATED LEFT OF TRAFFIC AND WHITE WHEN BARRIER IS LOCATED RIGHT OF TRAFFIC. SPACE DELINEATORS A MAXIMUM OF 25 FEET APART, PROVIDE TO MOUNTED DELINEATORS IN ADDITION TO SIDE MOUNTED DELINEATORS ON BARRIER INSTALLATIONS LOCATED ON A CURVED ALIGNMENT LONGER THAT 200 FEET AND ON BARRIERS USED TO SEPARATE OPPOSING TRAFFIC.

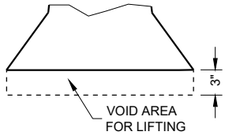


ANCHOR BLOCK DETAIL

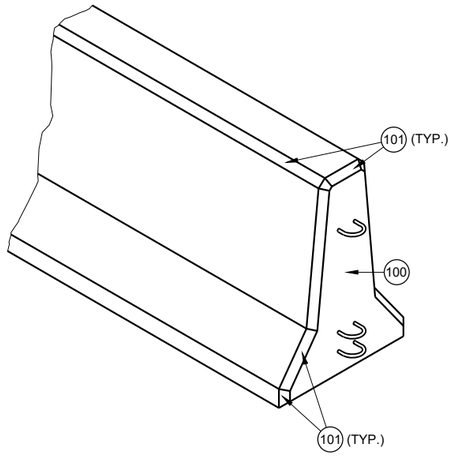


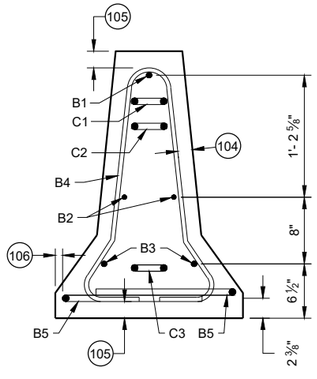
PLAN VIEW

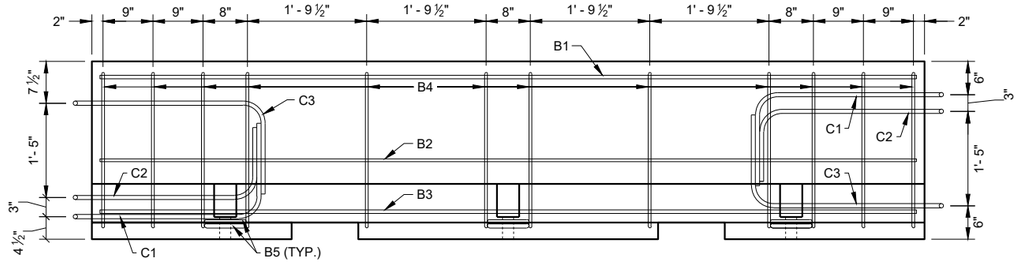
TEMPORARY BARRIER



LIFTING SLOT DETAIL (TYP.)







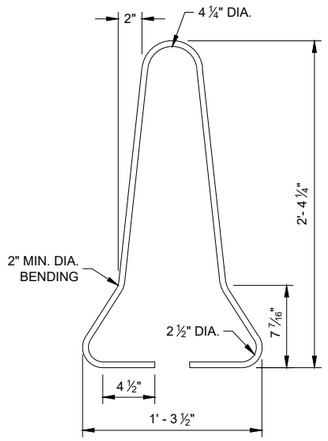
PROFILE VIEW

TEMPORARY BARRIER REINFORCEMENT

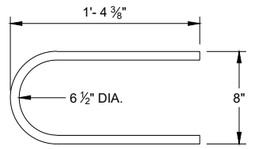
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTA 316

SDD 14B07 - 16a

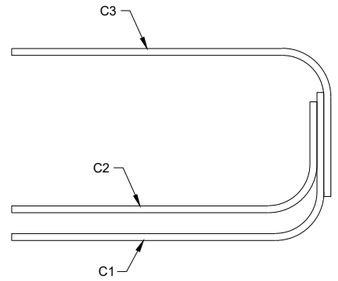
SDD 14B07 - 16a



B4 BAR DETAIL

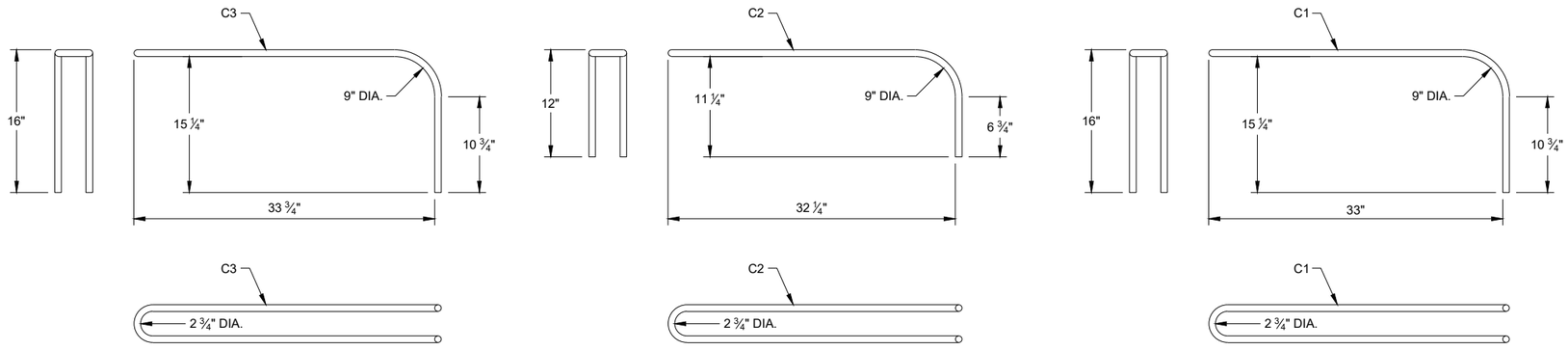


B5 BAR DETAIL



PROFILE VIEW

LOOP BAR ASSEMBLY



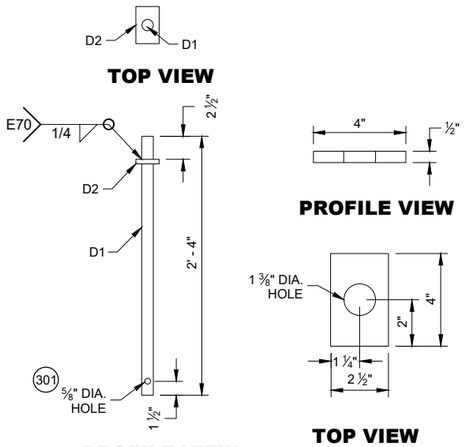
C BAR DETAILS

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

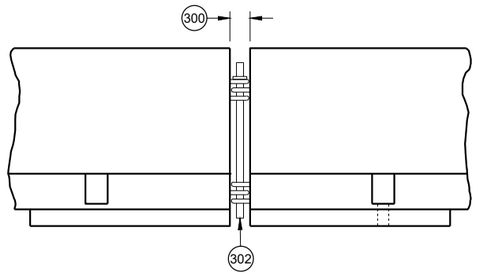
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B07 - 16b



CONNECTOR PIN ASSEMBLY



CONNECTING TEMPORARY BARRIER SECTIONS

GENERAL NOTES

300 SET WITH 3 ⅝" WOOD BLOCK.

301 HOLE IS OPTIONAL.

302 CONNECTOR PIN ASSEMBLY.

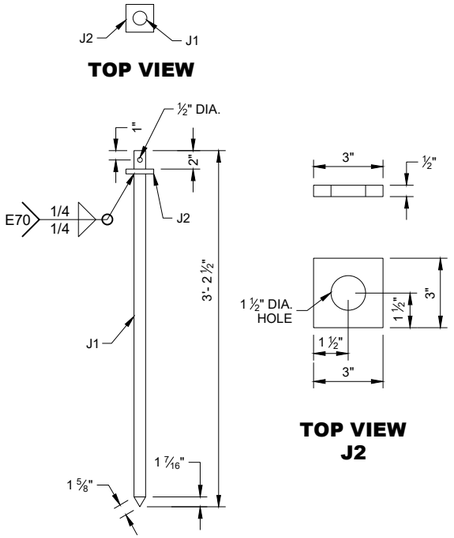
303 CONCRETE PAVEMENT, APPROACH SLAB, OR DECK.

304 CONCRETE DECK.

305 DO NOT USE ON CONCRETE BRIDGE DECK WITH ASPHALT OVERLAY OR CONCRETE PAVEMENT WITH ASPHALT OVERLAY.

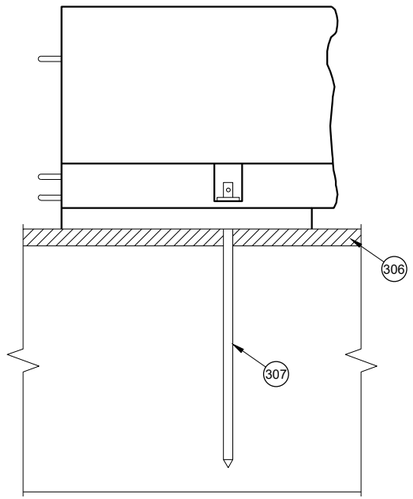
306 MINIMUM OF 2" OF ASPHALT.

307 ASPHALT ANCHOR PIN ASSEMBLY



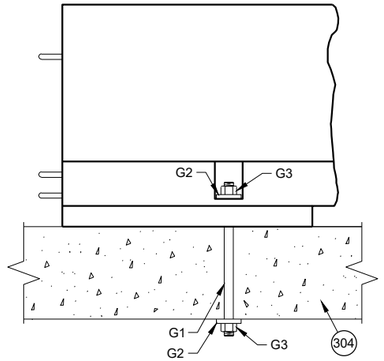
PROFILE VIEW

ASPHALT ANCHOR PIN ASSEMBLY



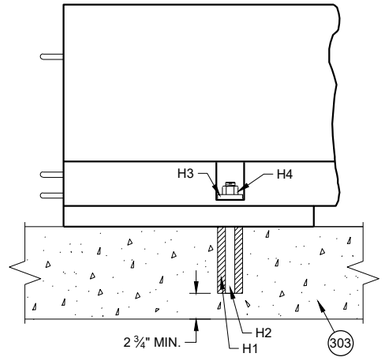
SIDE VIEW

ASPHALT ANCHOR INSTALLATION



SIDE VIEW

THROUGH BOLT ANCHOR INSTALLATION 305



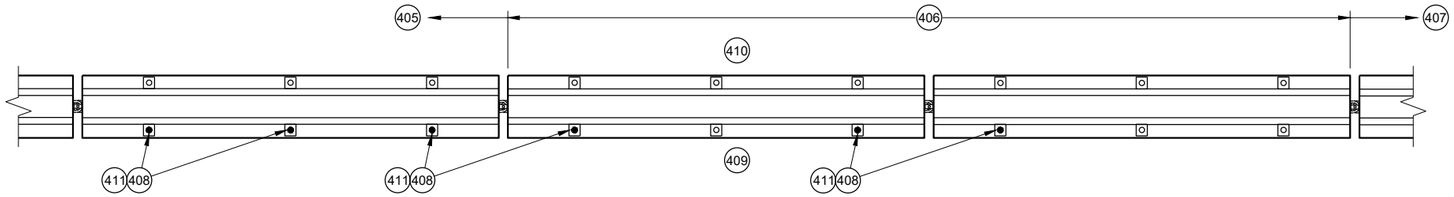
SIDE VIEW

ADHESIVE ANCHOR INSTALLATION 305

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

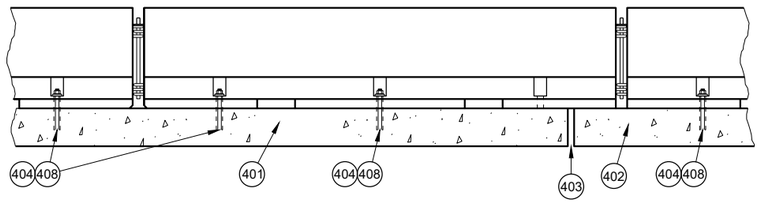
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SDD 14B07 - 16c



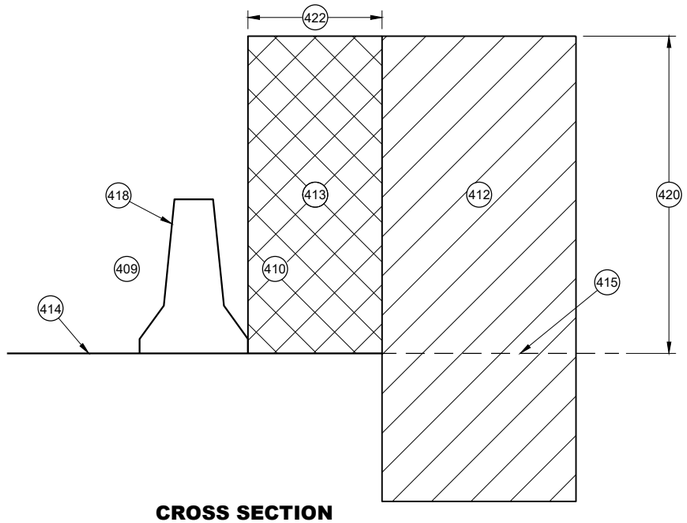
PLAN VIEW

TRANSITION FROM FREE STANDING TO ANCHORED BARRIER



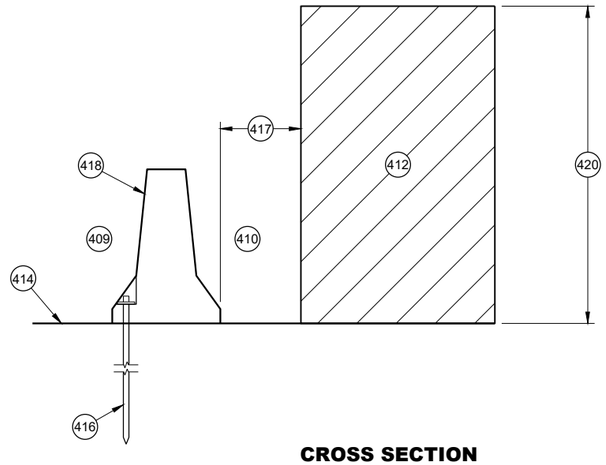
PROFILE VIEW

ANCHORED BARRIER NEAR EXPANSION JOINT (400)



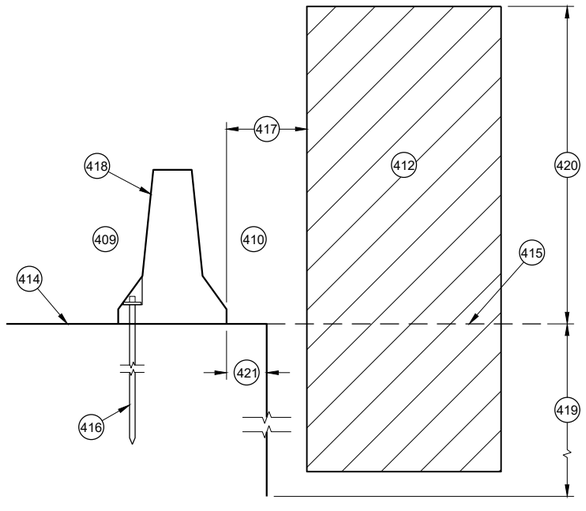
CROSS SECTION

FREE STANDING BARRIER



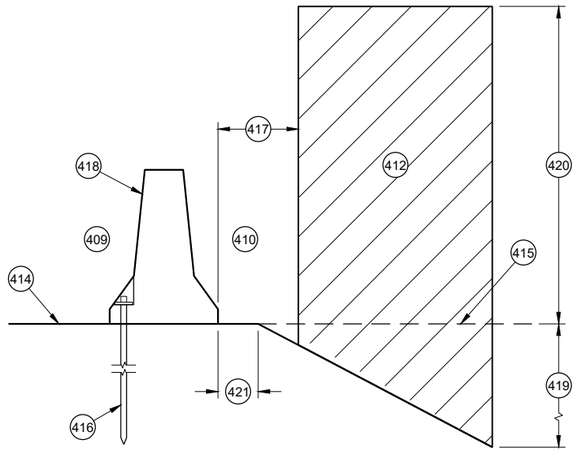
CROSS SECTION

ANCHORED BARRIER FOR OBJECTS ABOVE THE GRADE LINE AND NEAR THE BARRIER



CROSS SECTION

ANCHORED BARRIER NEAR VERTICAL DROP OFF



CROSS SECTION

ANCHORED BARRIER NEAR A SLOPE

GENERAL NOTES

(400) NO SINGLE CONCRETE BARRIER SECTION SHALL BE ANCHORED TO BOTH THE BRIDGE DECK AND THE APPROACH SLAB. ALL ANCHOR BOLT LOCATIONS SHALL BE ANCHORED TO THE DECK IN ACCORDANCE WITH THE DETAIL. NO MORE THAN ONE ANCHOR BOLT SHALL BE ELIMINATED FROM A BARRIER SECTION WHEN SPANNING AN EXPANSION JOINT.

(401) CONCRETE DECK

(402) CONCRETE DECK OR APPROACH SLAB.

(403) EXPANSION JOINT

(404) ADHESIVE ANCHOR SHOWN. SEE ANCHOR DETAILS.

(405) ANCHORED TEMPORARY BARRIER

(406) TRANSITION FROM ANCHORED TEMPORARY BARRIER TO FREE STANDING

(407) FREE STANDING BARRIER

(408) REMOVE ALL ANCHORS WHEN NO LONGER NEEDED. FILL CONCRETE PAVEMENTS, DECKS AND APPROACH SLABS WITH NON-SHRINK COMMERCIAL GROUT FROM THE APPROVED PRODUCT LIST. FILL ASPHALT PAVEMENTS WITH ASTM D6690 TYPE II RUBBERIZED CRACK FILLER.

(409) TRAFFIC SIDE

(410) NON-TRAFFIC SIDE

(411) ANCHOR LOCATION. SEE ANCHORING DETAILS.

(412) WORK AREA

(413) AREA FREE OF OBJECTS AND WORKERS

(414) GRADE LINE

(415) EXTENDED GRADE LINE

(416) ANCHORED TEMPORARY BARRIER. SEE BOLT THROUGH DECK, REMOVABLE ADHESIVE ANCHOR, OR AN ASPHALT ANCHOR ROD DETAILS FOR MORE INFORMATION. ASPHALT ANCHOR ROD SHOWN.

(417) WHEN OBJECTS EXTEND ABOVE THE GRADE. A MINIMUM OF 1 FOOT IS REQUIRED FROM BACK OF BARRIER TO OBJECT.

(418) OBJECTS ARE NOT TO BE PLACED ON, MOUNTED TO, OR ALLOWED TO LEAN AGAINST THE BARRIER WITHOUT WRITTEN PERMISSION OF THE PROJECT ENGINEER.

(419) DEPTHS OF 3 FEET OR MORE.

(420) Y = 6.5'

(421) OFFSET FROM BACK OF BARRIER EDGE:

CONCRETE PAVEMENT	0.5'
ASPHALT	0.5'

(422) POSTED SPEED (MPH):

45 OR GREATER	4.0'
40 OR LOWER	2.0'

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B07 - 16d

GENERAL NOTES

(500) EXISTING RIGID BARRIERS (VARIES)

(501) TEMPORARY BARRIER

(502) SEE OTHER DETAIL ON HOW TO ANCHOR TEMPORARY BARRIER (BARRIER ASPHALT ANCHOR SHOWN).

(503) ANCHORS ARE REQUIRED ON BOTH SIDE OF THE TEMPORARY BARRIER.

(504) NESTED RAILS ARE REQUIRED ON BOTH SIDES OF THE TEMPORARY BARRIER FOR ALL INSTALLATIONS.

(505) TRAFFIC TRAVELS FROM PERMANENT BARRIER TO TEMPORARY BARRIER.

(506) TRAFFIC TRAVELS FROM TEMPORARY BARRIER TO PERMANENT BARRIER.

(507) VERTICAL BARRIER

(508) SAFETY SHAPE BARRIER

(509) SINGLE SLOPE BARRIER

(510) CAP END PLATE PLACED FLUSH WITH UPSTREAM END OF RIGID BARRIER.

(511) BENT THRIE BEAM TO FIT.

(512) THRIE BEAM PIECES ARE OFFSET 15 ¼" TO PREVENT INTERFERENCE FROM THE ANCHORS ON OPPOSING SIDES.

(513) TWO (2) P1, P2 AND P3 ARE REQUIRED

(514) FIVE (5) N1, N2 AND N3 ARE REQUIRED

(515) TWO (2) R1, R2 AND R3 ARE REQUIRED

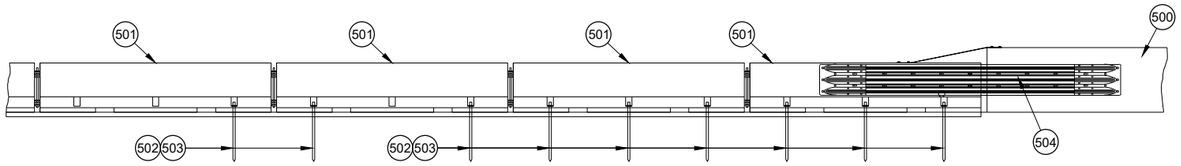
(516) CUT WOOD BLOCK TO FIT.

(517) SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL ASSEMBLY.

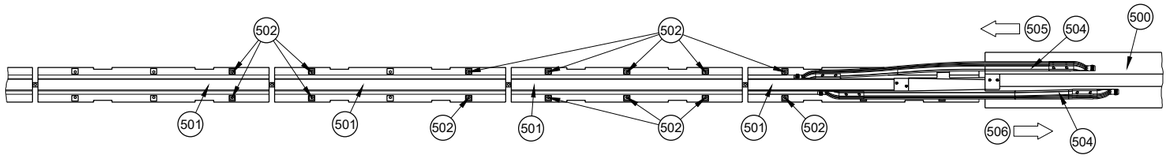
(518) CAP ASSEMBLY

(519) 4" MAX. GAP BETWEEN TEMPORARY BARRIER AND RIGID BARRIER.

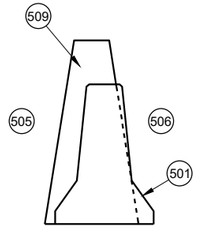
(520) ALL TWELVE SPLICE HOLES REQUIRE M1 AND M2



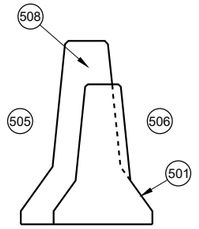
PROFILE VIEW



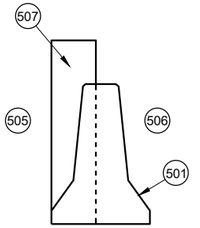
PLAN VIEW
TRANSITION TO RIGID BARRIER



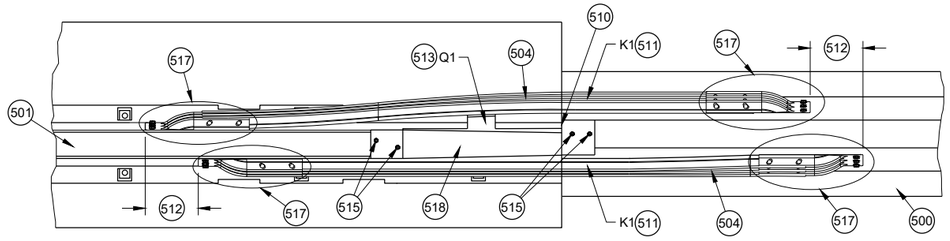
CROSS SECTION TEMPORARY BARRIER PLACEMENT SINGLE SLOPE



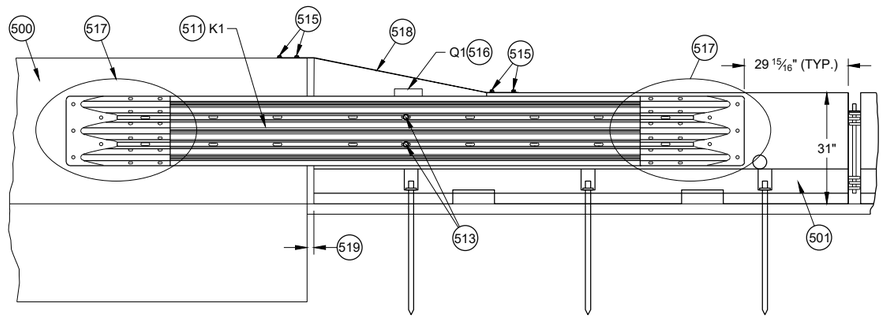
CROSS SECTION TEMPORARY BARRIER PLACEMENT SAFETY SHAPE



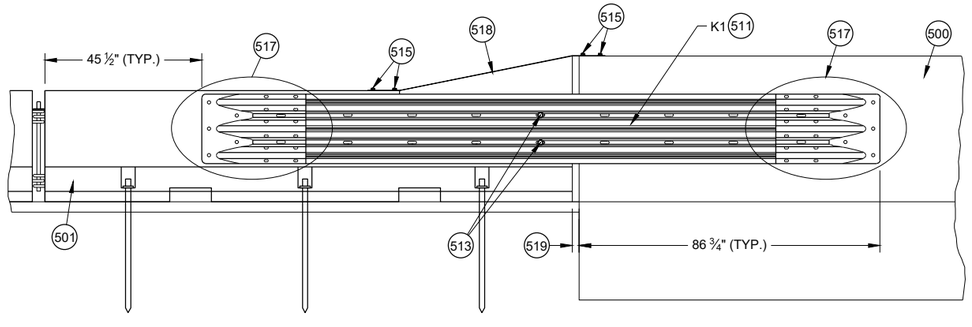
CROSS SECTION TEMPORARY BARRIER PLACEMENT VERTICAL



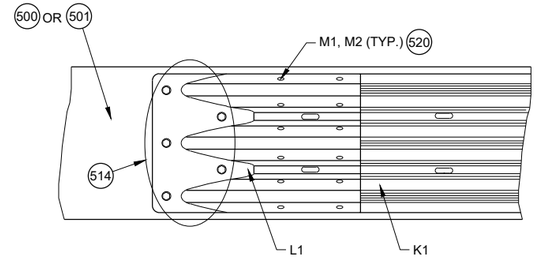
PLAN DETAIL VIEW
TRANSITION TO RIGID BARRIER



BACK DETAIL VIEW
TRANSITION TO RIGID BARRIER



FRONT DETAIL VIEW
TRANSITION TO RIGID BARRIER



(517) DETAIL PLAN VIEW
THRIE BEAM RAIL TERMINAL CONNECTOR ASSEMBLY

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

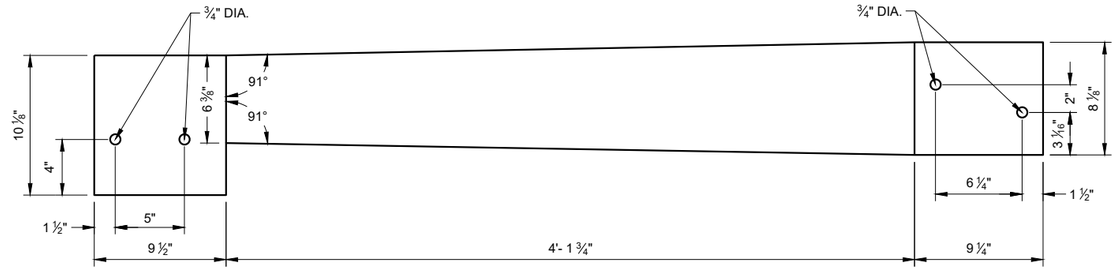
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B07 - 16e

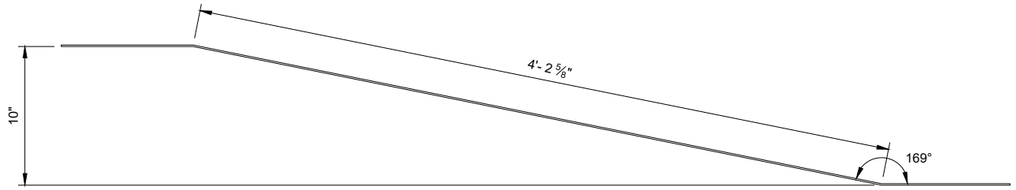
6

SDD 14B07 - 16e



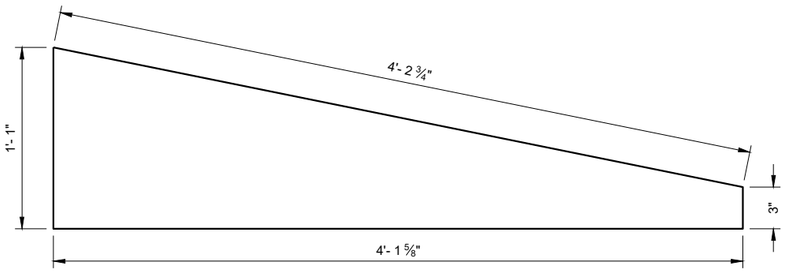
TOP VIEW

S1



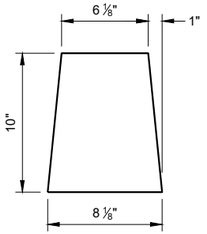
ELEVATION VIEW

S1

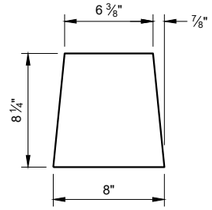


SIDE VIEW

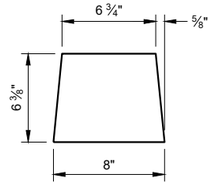
S3



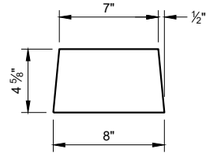
S2



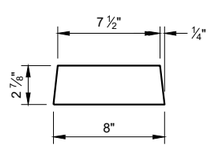
S4



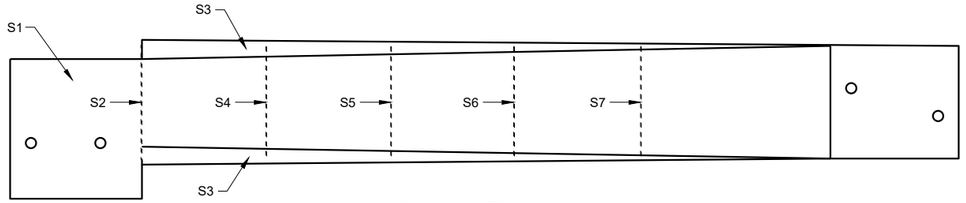
S5



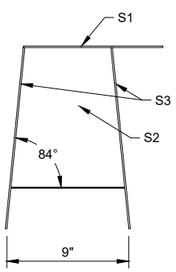
S6



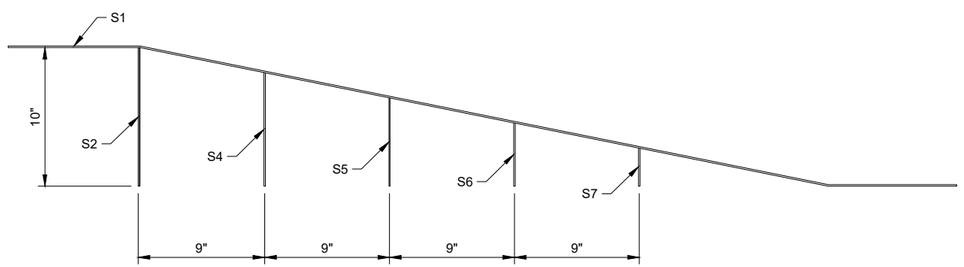
S7



PLAN VIEW



BACK VIEW



SIDE VIEW (600)

42" TOP CAP ASSEMBLY

GENERAL NOTES

STITCH WELD GUSSET PLATES AND END PLATES ON THREE SIDES

STITCH WELD TWO SIDE PLATES TO TOP PLATE, END PLATE AND GUSSETS.

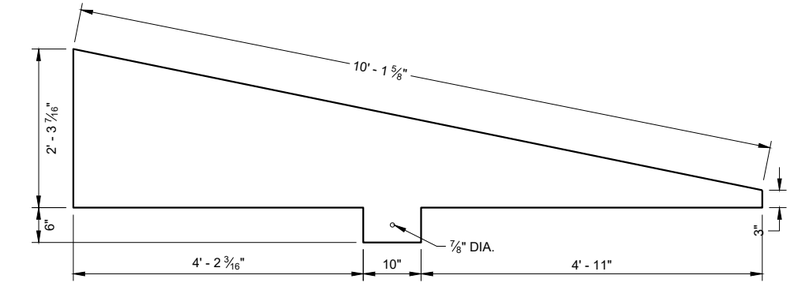
(600) SIDE PLATES (S3) NOT SHOWN FOR CLARITY.

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

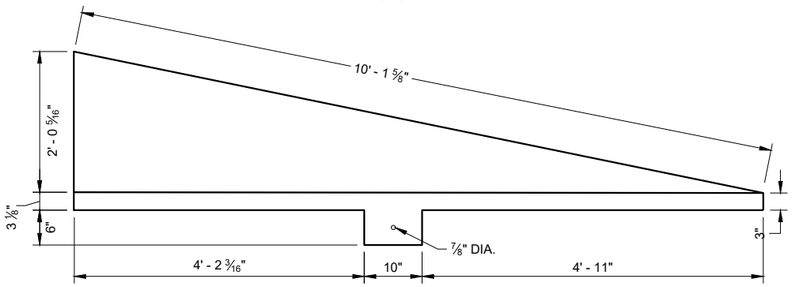
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

6

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SIDE VIEW
T4



SIDE VIEW
T3



END VIEW

END VIEW

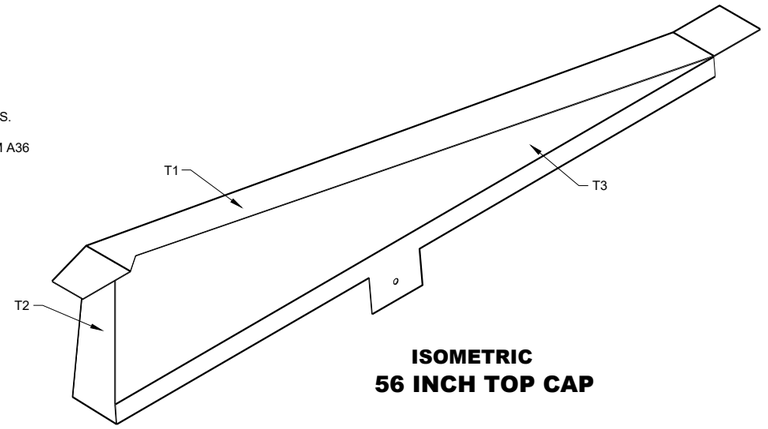
GENERAL NOTES

STITCH WELD GUSSET PLATES AND END PLATES ON THRIE SIDES

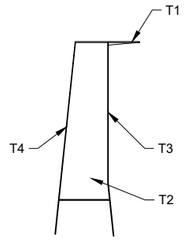
STITCH WELD TWO SIDE PLATES TO TOP PLATE, END PLATE AND GUSSETS.

SIDE PLATES, TOP PLATE, END PLATE AND GUSSETS ARE 12 GAUGE ASTM A36 GALVANIZED STEEL.

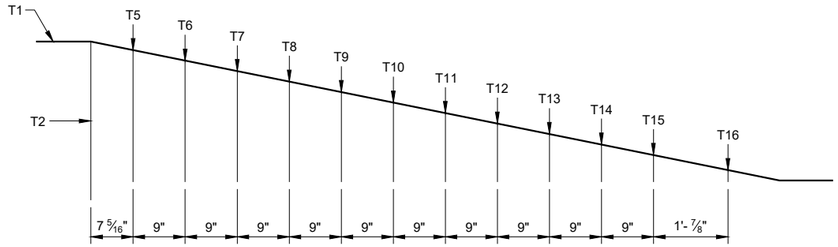
(700) SIDE PLATES (T3 AND T4) NOT SHOWN FOR CLARITY.



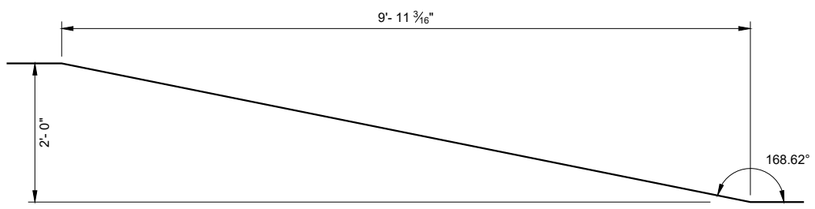
ISOMETRIC
56 INCH TOP CAP



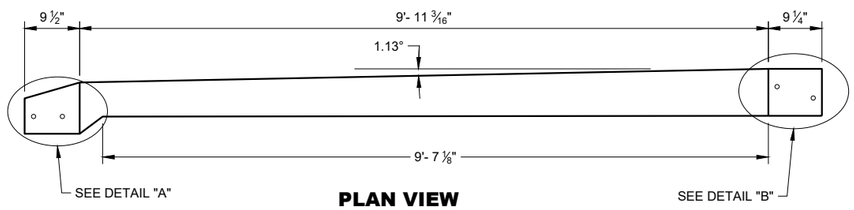
END VIEW
56 INCH TOP CAP



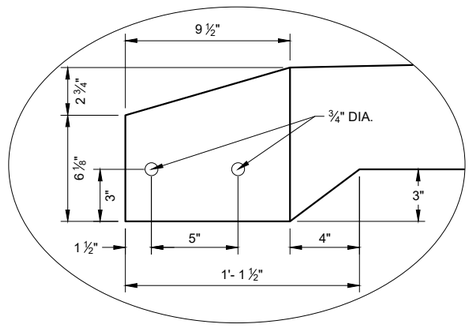
SIDE VIEW
56 INCH TOP CAP (700)



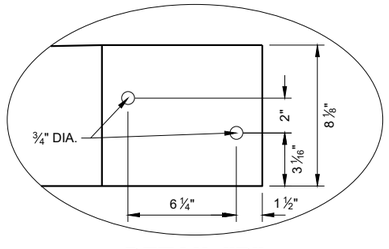
SIDE VIEW
TOP PLATE T1



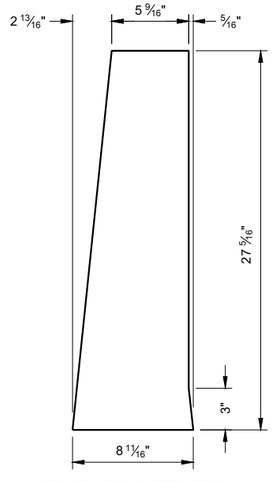
PLAN VIEW
TOP PLATE T1



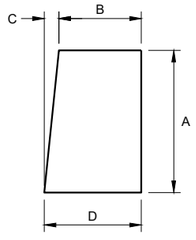
DETAIL "A"



DETAIL "B"



END PLATE T2



GUSSET PLATES
T5 - T16

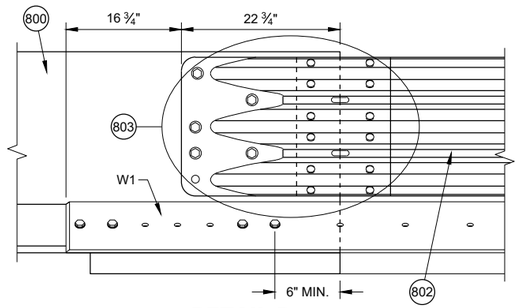
GUSSET DIMENSIONS				
GUSSET NO.	A	B	C	D
T5	22 13/16"	5 1/16"	2 5/16"	8 1/16"
T6	21"	5 7/8"	2 3/16"	8 1/16"
T7	19 3/16"	6 1/16"	1 15/16"	8 1/16"
T8	17 3/8"	6 1/4"	1 13/16"	8 1/16"
T9	15 5/16"	6 7/16"	1 9/16"	8 1/16"
T10	13 3/4"	6 5/8"	1 7/16"	8 1/16"
T11	11 15/16"	6 13/16"	1 1/4"	8 1/16"
T12	10 1/8"	7"	1 1/16"	8 1/16"
T13	8 5/16"	7 3/16"	7/8"	8 1/16"
T14	6 1/2"	7 3/8"	1 1/16"	8 1/16"
T15	4 11/16"	7 9/16"	1/2"	8"
T16	2 7/8"	7 3/4"	1/4"	8"

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

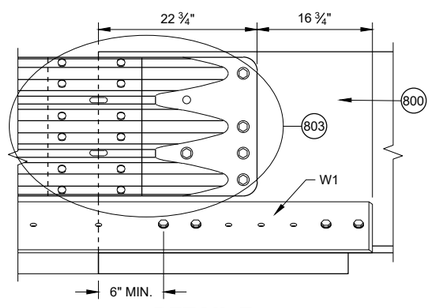
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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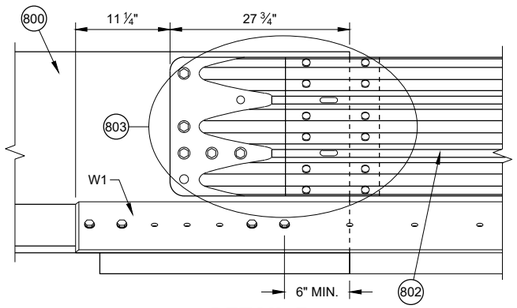
SDD 14B07 - 16g



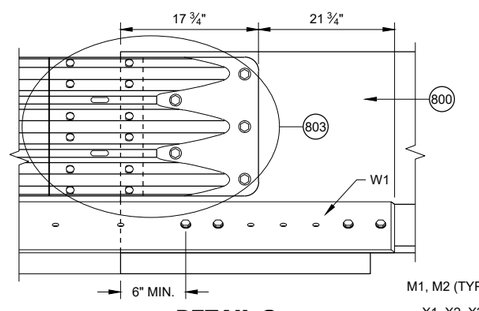
DETAIL D



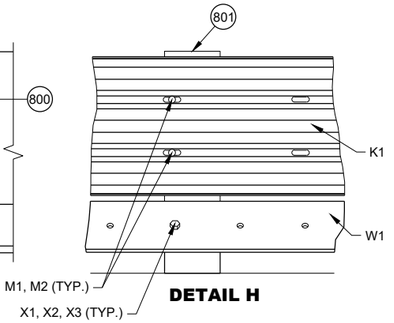
DETAIL E



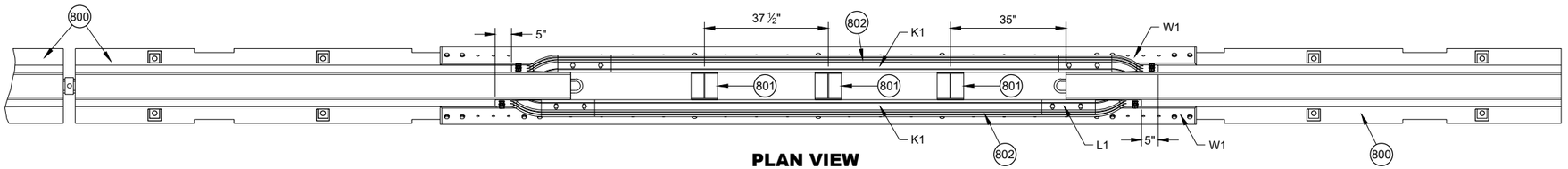
DETAIL F



DETAIL G



DETAIL H



PLAN VIEW

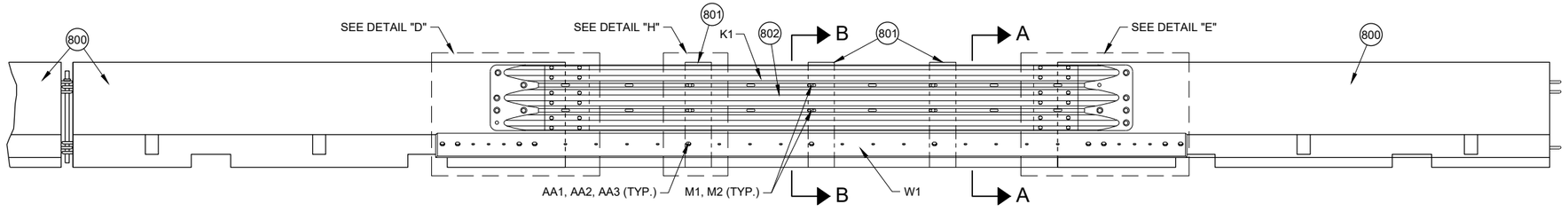
GENERAL NOTES

(800) FREE STANDING TEMPORARY BARRIER

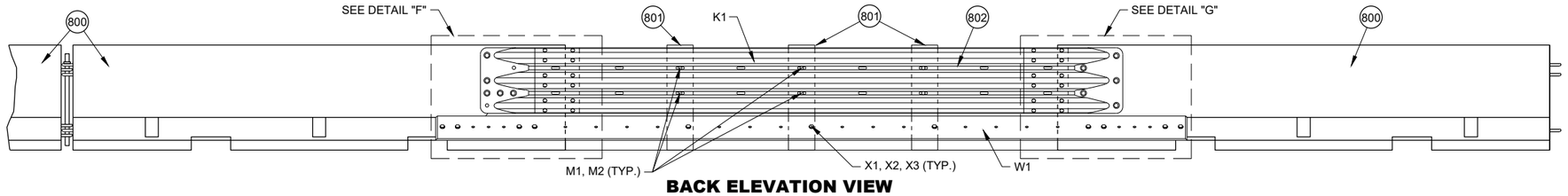
(801) GAP STIFFENER ASSEMBLY

(802) THRIE BEAMS ARE NESTED ON BOTH SIDES OF THE TEMPORARY BARRIER.

(803) SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL



FRONT ELEVATION VIEW



BACK ELEVATION VIEW

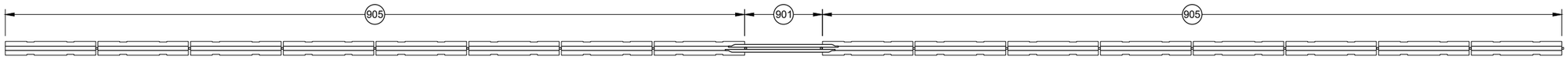
PORTABLE CONCRETE BARRIER GAP THRIE BEAM COVER

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

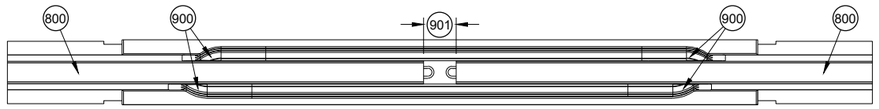
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B07 - 16h



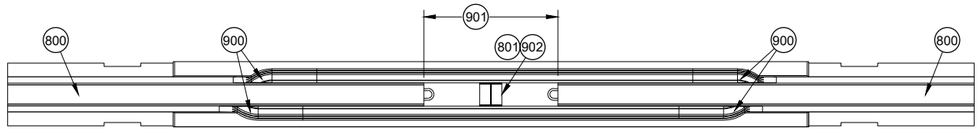
PLAN VIEW
GAP WITHIN SPACING



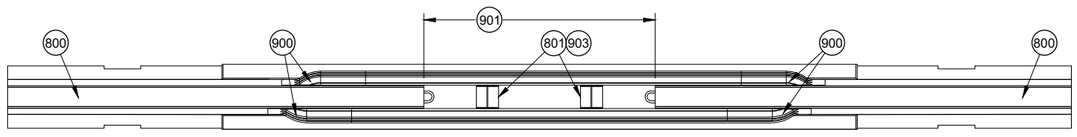
PLAN VIEW
TEMPORARY BARRIER GAP OVER 4" TO 1' MAX. (904)

GENERAL NOTES

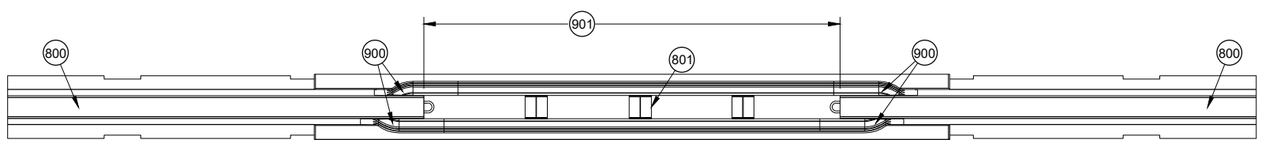
(900) SEE OTHER DETAILS FOR TEMPORARY GAP HARDWARE (TYP.)
(901) TEMPORARY BARRIER GAP
(902) GAP STIFFENER ASSEMBLY CENTERED IN THE GAP.
(903) GAP STIFFENER ASSEMBLY IS OFFSET 18 ¾" FROM CENTER
(904) MINIMUM NUMBER OF GAP STIFFENERS SHOWN FOR THE GAP RANGE SHOWN.
(905) MINIMUM OF 8 CONTINUOUS FREE STANDING TEMPORARY BARRIERS



PLAN VIEW
TEMPORARY BARRIER GAP OVER 1' TO 4' MAX. (904)



PLAN VIEW
TEMPORARY BARRIER GAP OVER 4' TO 7' MAX. (904)



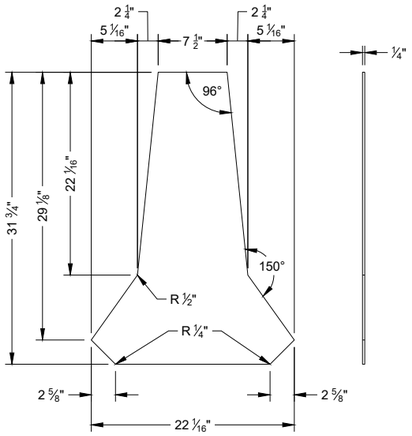
PLAN VIEW
TEMPORARY BARRIER GAP OVER 7' TO 12.5' MAX. (904)

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

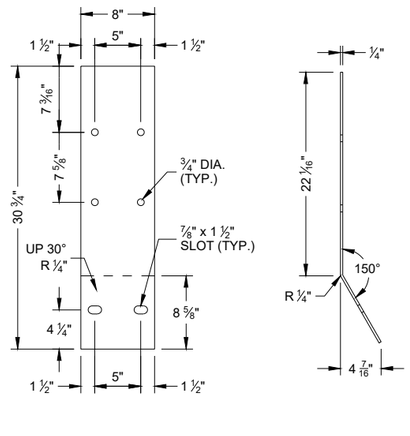
6

SDD 14B07 - 16i



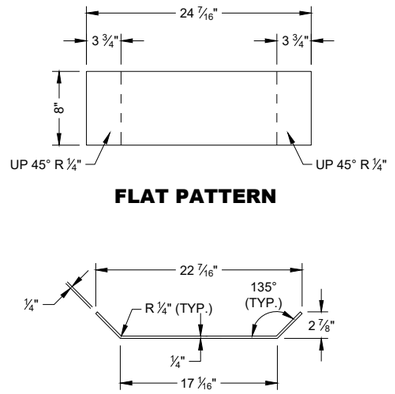
PROFILE VIEW SIDE VIEW

STIFFENER ASSEMBLY CENTER PANEL U1



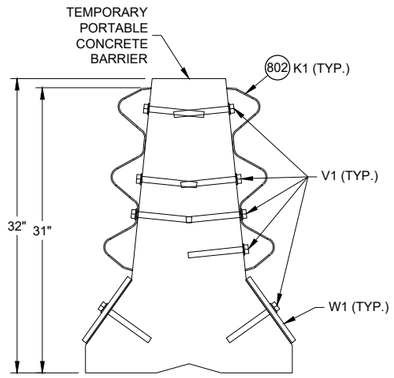
FLAT PATTERN SIDE VIEW

STIFFENER ASSEMBLY SIDE PANEL U2

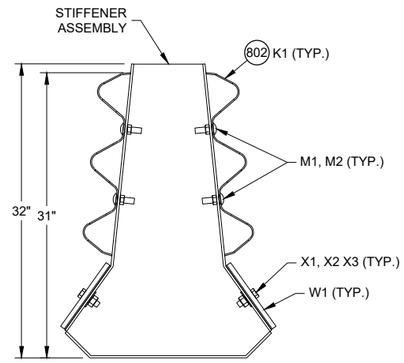


PROFILE VIEW

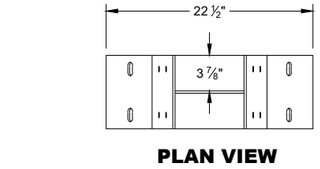
STIFFENER ASSEMBLY BOTTOM PANEL U3



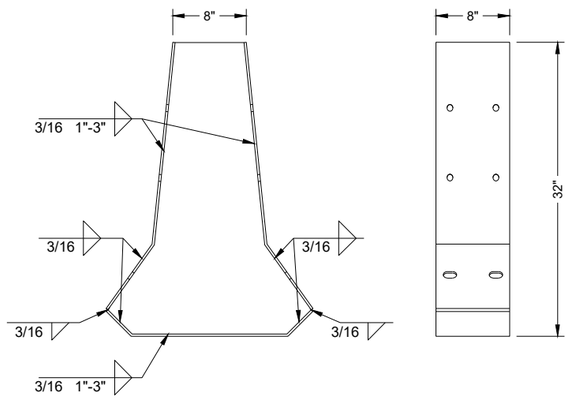
SECTION A - A



SECTION B - B

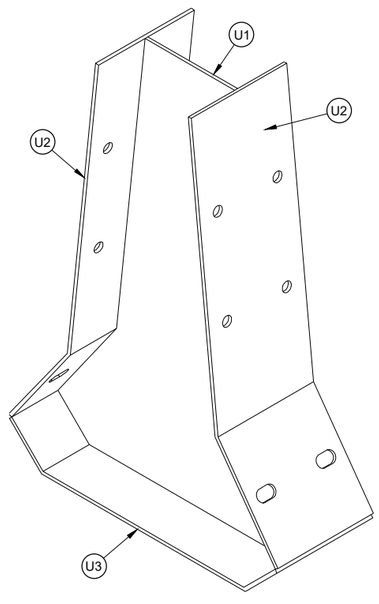


PLAN VIEW



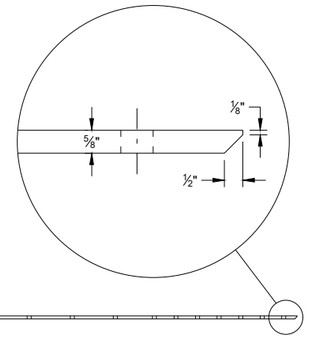
PROFILE VIEW

SIDE VIEW

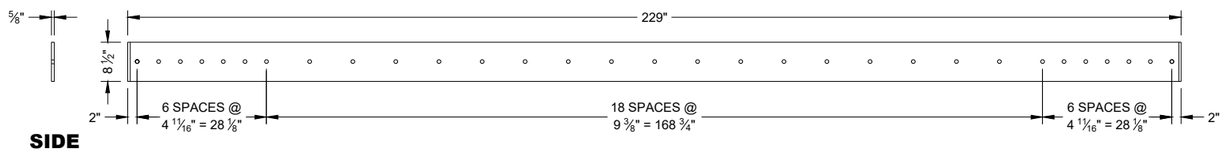


ISOMETRIC

GAP STIFFENER ASSEMBLY



PLAN VIEW



SIDE VIEW

ELEVATION VIEW

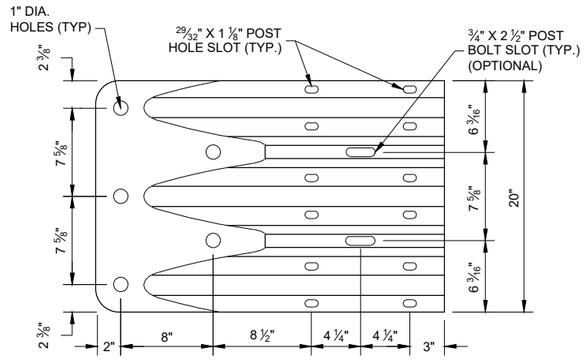
W1 TOE PLATE

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

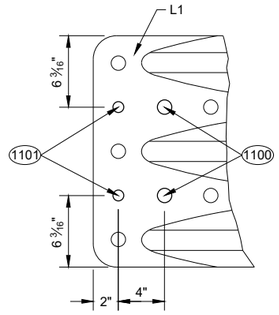
6

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ELEVATION VIEW

THRIE BEAM TERMINAL CONNECTOR



ELEVATION VIEW

ADDITIONAL THRIE BEAM (1102) TERMINAL CONNECTOR HOLE DETAIL

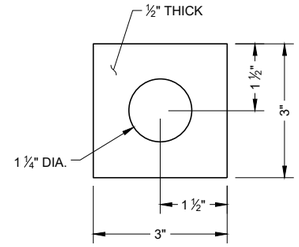


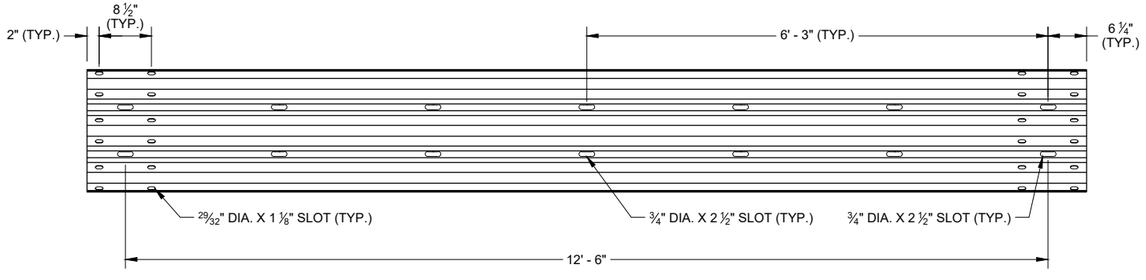
PLATE WASHER DETAIL G2, H3

GENERAL NOTES

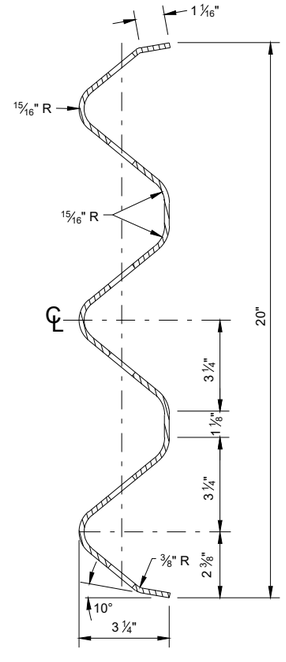
(1100) 1" DIA. HOLE

(1101) 3/4" DIA. HOLE

(1102) PROVIDE HOLES IN THRIE BEAM TERMINAL CONNECTOR TO LIMIT STEEL REINFORCEMENT OR LOOP BAR CONFLICT. CONTRACTOR MAY FIELD DRILL ADDITIONAL HOLE OR PROVIDE THRIE BEAM TERMINAL CONNECTOR WITH ADDITIONAL HOLES FROM SUPPLIER.



SLOTTED THRIE BEAM RAIL K1



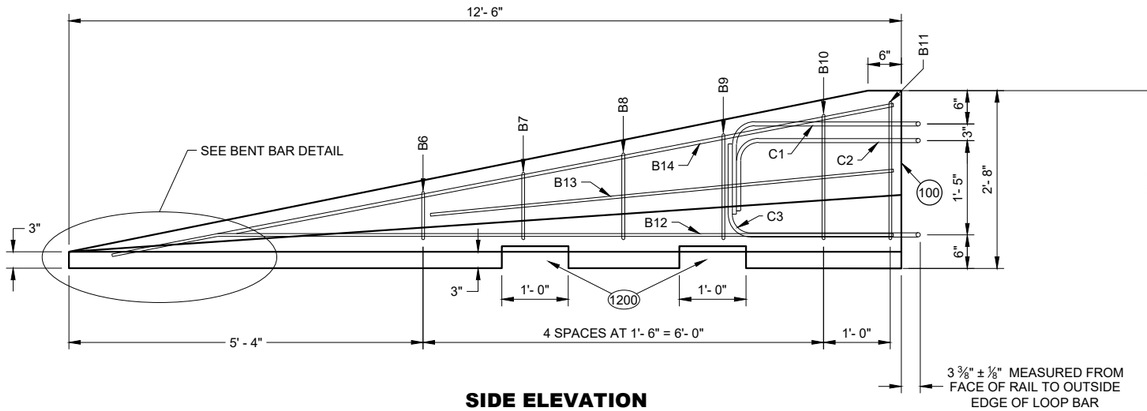
SECTION THROUGH BEAM K1

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

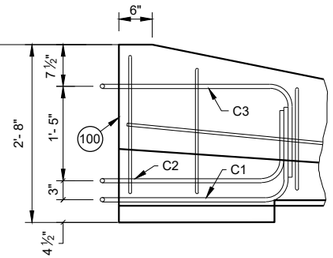
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B07 - 16k



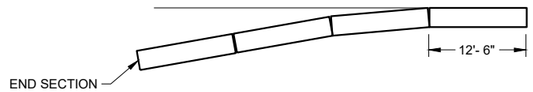
SIDE ELEVATION
(FOR CONNECTION TO LEFT END OF BARRIER)



SIDE ELEVATION
LOOP BAR ASSEMBLY INVERTED FOR OPPOSITE END
(FOR CONNECTION TO RIGHT END OF BARRIER)

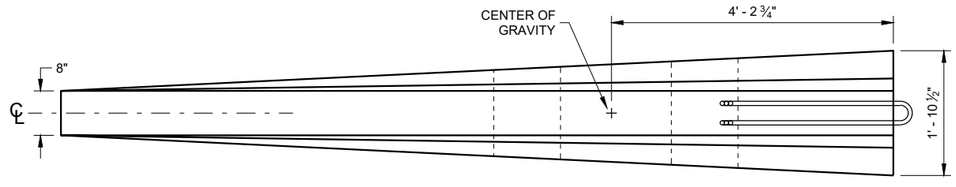
GENERAL NOTES

(1200) SEE LIFTING SLOT DETAIL. LOCATION OF LIFTING SLOTS DETERMINED BY CONTRACTOR.

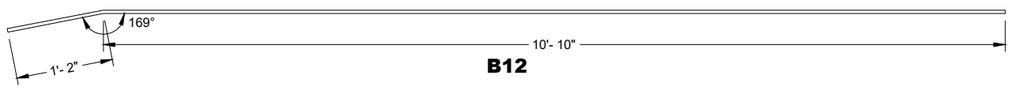


FLARE AT BARRIER END

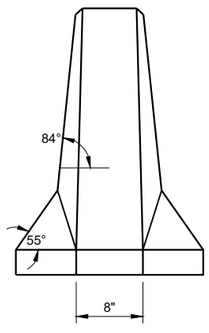
POSTED SPEED, (MPH)	FLARE RATE
40 OR LESS	6:1
45 OR GREATER	8:1



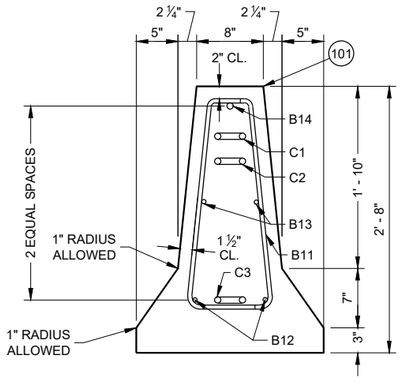
PLAN VIEW



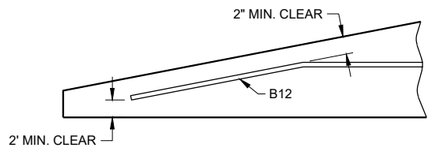
B12



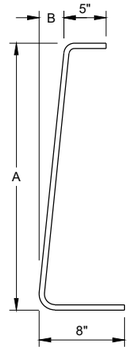
FRONT ELEVATION



END SECTION



BENT BAR DETAIL



BAR	A	B
B6	10"	1"
B7	1'- 1"	1 ¼"
B8	1'- 5"	1 ⅝"
B9	1'- 8"	1 ⅞"
B10	2'- 0 ½"	2 ⅜"
B11	2'- 3"	2 ¾"

B BARS
2 OF EACH SIZE REQUIRED FOR STIRRUP ASSEMBLY

DETAILS OF BARRIER TAPER SECTION

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B07 - 16I

BILL OF MATERIALS - CONCRETE BARRIER PRECAST

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	PRECAST TEMPORARY BARRIER - CONCRETE	MIN. = f'c 5000 PSI	
B1	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 12'-2"
B2	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 12'-2"
B3	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 12'-2"
B4	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 6'-0"
B5	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#6 REBAR, LENGTH 2'-11"
B6	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 1'-11"
B7	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-2"
B8	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-6"
B9	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-9"
B10	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 3'-2"
B11	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 3'-4"
B12	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 12'-0"
B13	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 7'-9"
B14	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 11'-9"
C1	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
C2	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
C3	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
D1	CONNECTION PIN - ROD	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	1 ¼" DIA.
D2	CONNECTION PIN - TOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
G1	BOLT THROUGH ANCHOR - THREADED ROD	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 A307 GRADE A OR SAE J429 GRADE 2 UNC	1 ⅛" DIA.
G2	BOLT THROUGH ANCHOR - WASHER, SQUARE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
G3	BOLT THROUGH ANCHOR - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
H1	ADHESIVE ANCHOR - ADHESIVE	ICC-ES-AC308 5 ¼" EMBEDMENT WITH A MIN. STRENGTH OF 1,800 PSI. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
H2	ADHESIVE ANCHOR - THREADED ROD	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 A307 GRADE A / SAE J429 GRADE 2 UNC	1 ⅛" DIA.
H3	ADHESIVE ANCHOR - WASHER, SQUARE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
H4	ADHESIVE ANCHOR - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
J1	ASPHALT ANCHOR PIN - ROD	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	1 ½" DIA.
J2	ASPHALT ANCHOR PIN - STOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
K1	THRIE BEAM RAIL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER	12 GAUGE
L1	THRIE BEAM RAIL - TERMINAL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER	12 GAUGE

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
M1	SPLICE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	⅝" DIA.
M2	SPLICE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
N1	THRIE BEAM RAIL TERMINAL - MECHANICAL ANCHOR	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	¾" DIA. LENGTH 6"
N2	THRIE BEAM RAIL TERMINAL - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
N3	THRIE BEAM RAIL TERMINAL MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 17.9 KIPS AND ULTIMATE SHEAR LOAD 21.96 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
P1	THRIE BEAM RAIL CONNECTION 1-BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	¾" DIA.
P2	THRIE BEAM RAIL CONNECTION 1-WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
P3	THRIE BEAM RAIL CONNETION 1- MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 9.48 KIPS AND ULTIMATE SHEAR LOAD 10.48 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
Q1	BLOCK WOOD	SEE STANDARD SPEC. 614	
R1	CAP - BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	⅝" DIA.
R2	CAP- BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
R3	CAP - BOLT - MECHANICAL ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS ULTIMATE TENSILE LOAD 12.14 KIPS AND ULTIMATE SHEAR LOAD 17.5 KIPS.SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	12 GAUGE
S1	CAP 42-INCH TOP PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S2	CAP 42-INCH END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S3	CAP 42-INCH SIDE PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S4	CAP 42-INCH GUSSET 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S5	CAP 42-INCH GUSSET 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S6	CAP 42-INCH GUSSET 3	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S7	CAP 42-INCH GUSSET 4	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE

6

SDD14B07 - 16m

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD14B07 - 16m

BILL OF MATERIALS - CONCRETE BARRIER PRECAST

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
T1	CAP 56-INCH TOP PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T2	CAP 56-INCH END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T3	CAP 56-INCH SIDE PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T4	CAP 56-INCH SIDE PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T5	CAP 56-INCH GUSSET 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T6	CAP 56-INCH GUSSET 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T7	CAP 56-INCH GUSSET 3	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T8	CAP 42-INCH GUSSET 4	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T9	CAP 42-INCH GUSSET 5	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T10	CAP 42-INCH GUSSET 6	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T11	CAP 42-INCH GUSSET 7	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T12	CAP 42-INCH GUSSET 8	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T13	CAP 42-INCH GUSSET 9	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T14	CAP 42-INCH GUSSET 10	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T15	CAP 42-INCH GUSSET 11	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T16	CAP 42-INCH GUSSET 12	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
U1	GAP STIFFENER	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
U2	GAP STIFFENER - CONNECTOR PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
U3	GAP STIFFENER - CONNECTOR PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
V1	THRIE BEAM RAIL TERMINAL MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS ULTIMATE TENSILE LOAD 24.0 KIPS AND ULTIMATE SHEAR LOAD 21.5 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	¾" DIA.
V2	GAP STIFFENER - BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C O R MECHANICAL GALVANIZE TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
W1	TOE PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
X1	TOE PLATE - CONNECTION BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 UNC HEAVY HEX HEAD OR AASTHO M180 HEAD, ASTM F3125 GRADE A325 TYPE 1 HEAVY HEX HEAD OR SAE J429 GRADE 5 HEAVY HEX HEAD / ASTM A449 TYPE 1 HEAVY HEX HEAD. BOLTS MAY BE FULLY THREADED. PROVIDE ENOUGH THREADING FOR PROPER TIGHTENING OF BOLT.	¾" DIA.
X2	TOE PLATE - CONNECTION BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1 (HARDEN WASHER ONLY)	
X3	TOE PLATE - CONNECTION BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	

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SDD 14B07 - 16n

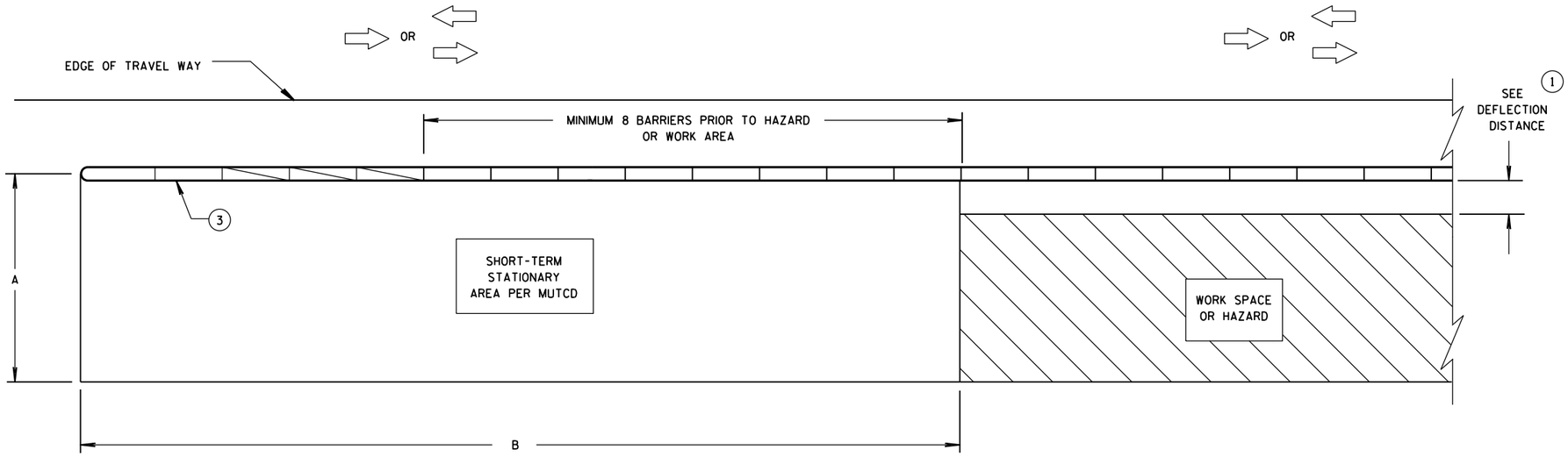
SDD 14B07 - 16n

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA



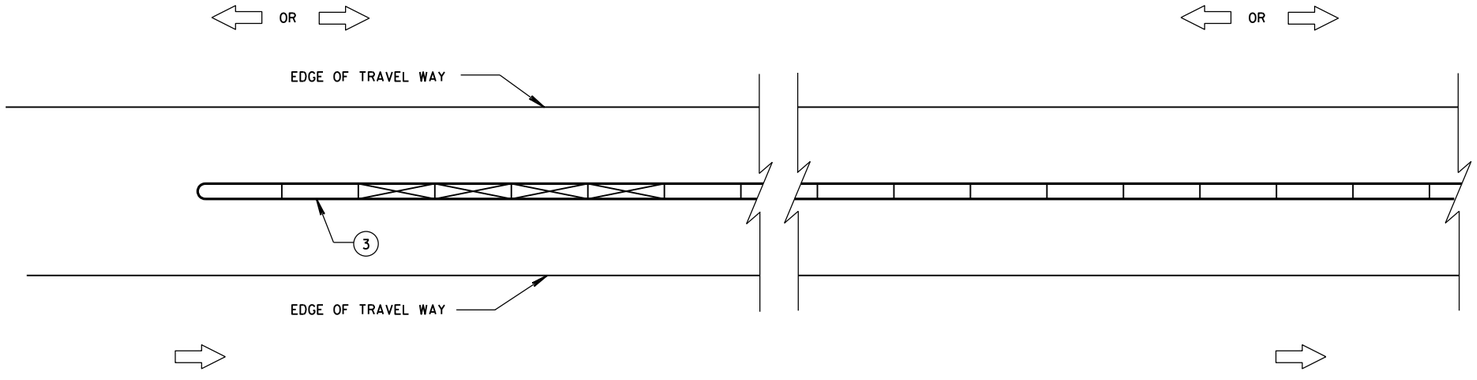
CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON ONE SIDE OF BARRIER

DIMENSION A TABLE (2)

FACILITY	POSTED SPEED MPH	DIMENSION A	
		MIN. FT	MAX. FT
FREEWAY/EXPRESSWAY	ALL	15	20
NON-FREEWAY/EXPRESSWAY	GREATER THAN OR EQUAL TO 45	10	15
NON-FREEWAY/EXPRESSWAY	LESS THAN 45	8	10
AADT LESS THAN 1,500	ALL	8	10

DIMENSION B TABLE (2)

POSTED SPEEDS MPH	DIMENSION B FT
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645



CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON BOTH SIDES OF BARRIER

LEGEND

- DIRECTION OF TRAVEL
- CRASH CUSHION OR SAND BARREL ARRAY
- SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS
- SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS
- 3 PINS PLACED ON TRAFFIC SIDE OF BARRIER
- PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET
- FREE STANDING TEMPORARY BARRIER

GENERAL NOTES

SEE STANDARD DETAIL DRAWING 14B7 FOR MORE INFORMATION.

DETAILS PROVIDE A GENERAL LAYOUT OF TEMPORARY CONCRETE BARRIER, CRASH CUSHIONS, SAND BARREL ARRAYS AND TIE DOWN TRANSITIONS. DETAILS PROVIDED MAY NOT FIT ALL POSSIBLE SITUATIONS OR SITE CONDITIONS. SEE OTHER SECTIONS OF THE CONTRACT OR PROJECT ENGINEER FOR MORE DETAILS.

ADDITIONAL TEMPORARY BARRIER MAY BE REQUIRED TO PROTECT TRAVELING PUBLIC FROM HAZARDS, CONTRACTOR'S OPERATIONS OR TO CONTROL TRAFFIC.

TEMPORARY BARRIER MAY BE REQUIRED TO BE ANCHORED TO PAVEMENT OR BRIDGE DECK.

FOR DETAILS ON CRASH CUSHION OR SAND BARREL ARRAYS SEE OTHER SECTIONS OF THE PLAN AND MANUFACTURE'S DETAILS.

SLOPES LEADING TO TEMPORARY BARRIER, CRASH CUSHION OR SAND BARREL ARRAY ARE 10:1 OR LESS.

(1) FOR DEFLECTION INFORMATION SEE STANDARD DETAIL DRAWING 14B7.

(2) VALUES PROVIDED MAY NOT FIT ALL POSSIBLE SITUATIONS OR SITE CONDITIONS. SEE OTHER SECTIONS OF THE CONTRACT OR PROJECT ENGINEER FOR MORE DETAILS.

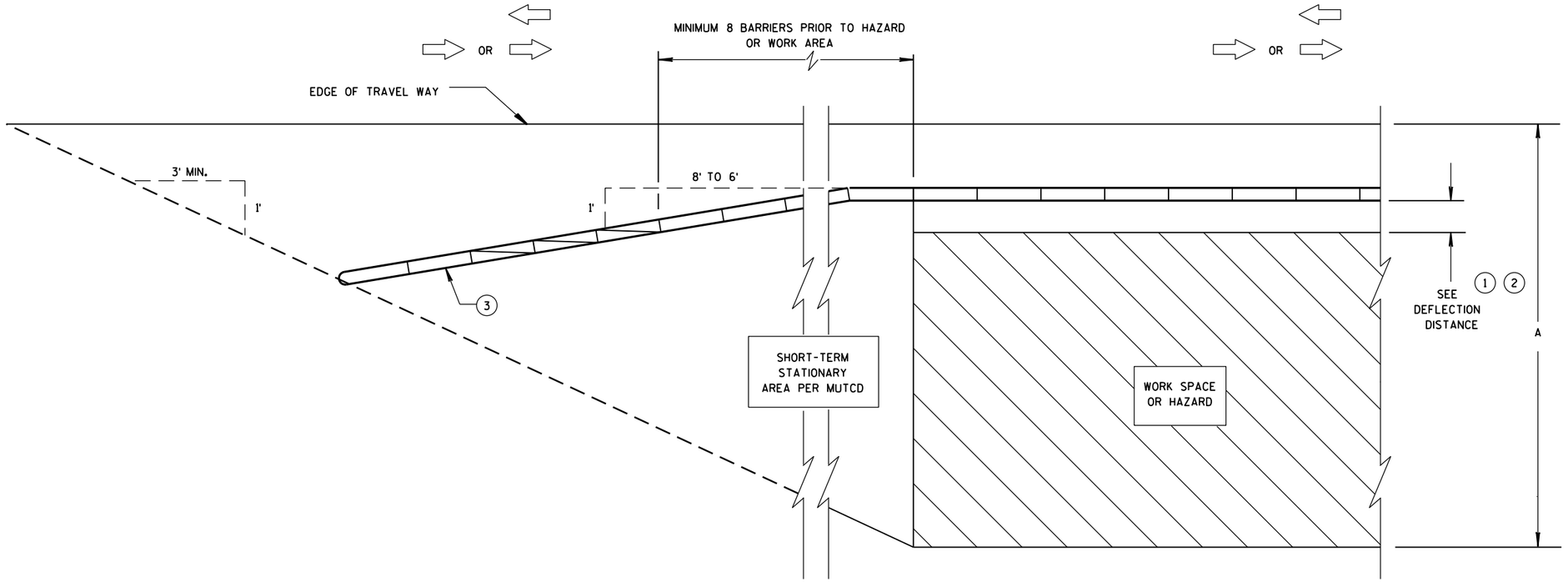
(3) ANCHOR TEMPORARY BARRIER ACCORDING TO CRASH CUSHION OR SAND BARREL MANUFACTURER'S RECOMMENDATIONS. IF MANUFACTURER'S RECOMMENDATIONS ARE NOT PROVIDED, ANCHOR 3 PINS ON TRAFFIC SIDE.

CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

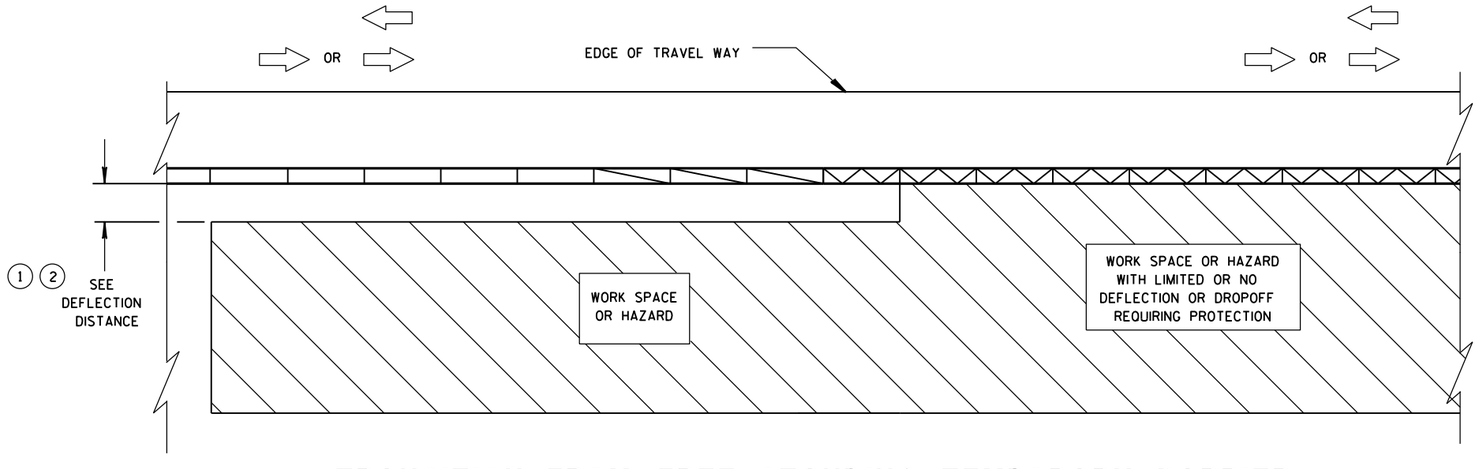
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 14 B 8-2a



CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON ONE SIDE - FLARED INSTALLATION



TRANSITION FROM FREE STANDING TEMPORARY BARRIER TO ANCHORED BARRIER

LEGEND

- DIRECTION OF TRAVEL
- CRASH CUSHION OR SAND BARREL ARRAY
- SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS
- SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS
- 3 PINS PLACED ON TRAFFIC SIDE OF BARRIER
- PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET
- FREE STANDING TEMPORARY BARRIER

CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

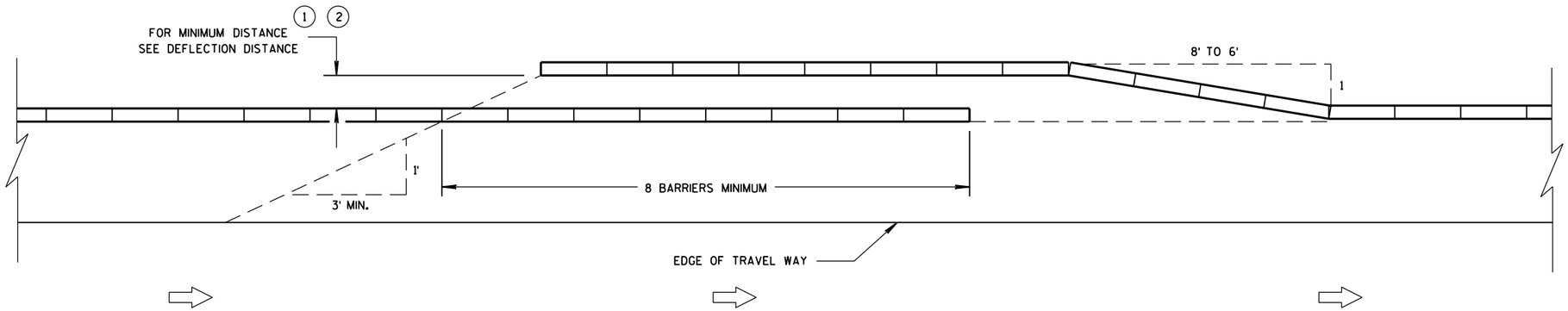
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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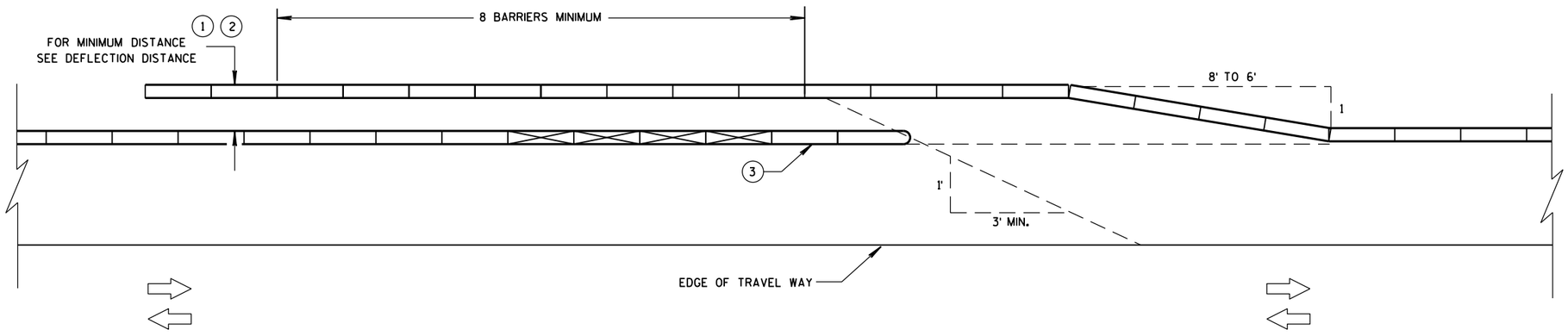
S.D.D. 14 B 8-2b

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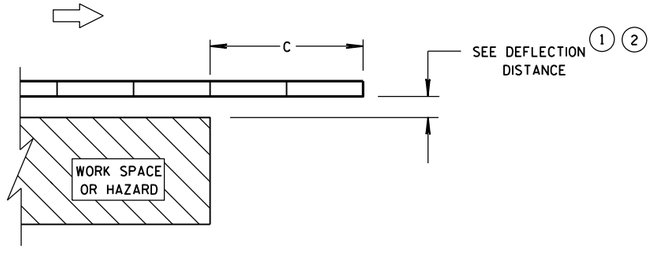
S.D.D. 14 B 8-2b



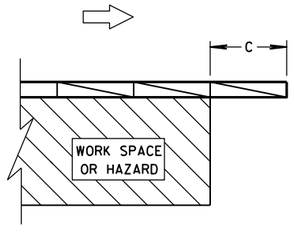
TEMPORARY BARRIER OVERLAP - ONE-WAY TRAFFIC



TEMPORARY BARRIER OVERLAP - TWO-WAY TRAFFIC



ENDING TEMPORARY BARRIER DOWNSTREAM - UNANCHORED



ENDING TEMPORARY BARRIER DOWNSTREAM - ANCHORED

LEGEND

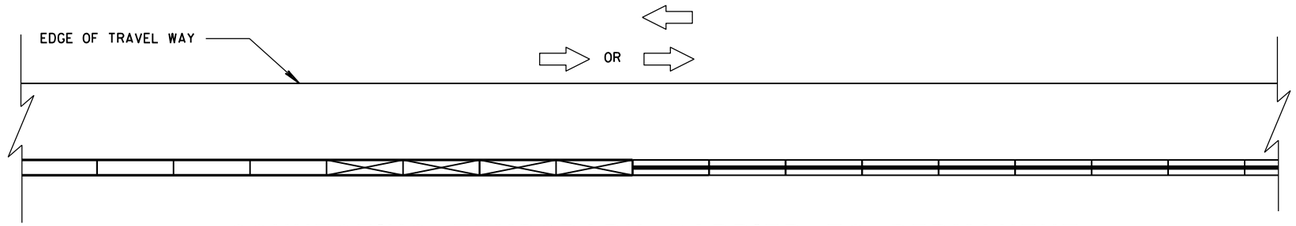
- DIRECTION OF TRAVEL
- CRASH CUSHION OR SAND BARREL ARRAY
- SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS
- SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS
- 3 PINS PLACED ON TRAFFIC SIDE OF BARRIER
- PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET
- FREE STANDING TEMPORARY BARRIER

CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

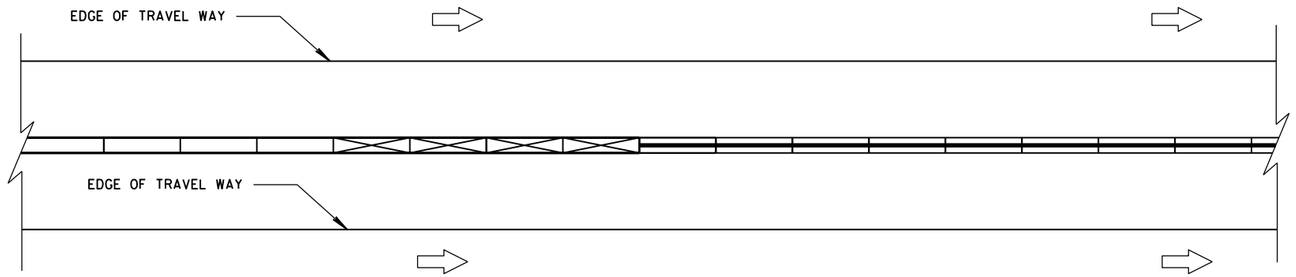
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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S.D.D. 14 B 8-2c



CONNECTING TEMPORARY BARRIER TO PERMANENT
CONCRETE BARRIER-TRAFFIC ON ONE SIDE



CONNECTING TEMPORARY BARRIER TO PERMANENT
CONCRETE BARRIER-TRAFFIC ON BOTH SIDES

LEGEND

DIRECTION OF TRAVEL

CRASH CUSHION OR
SAND BARREL ARRAY

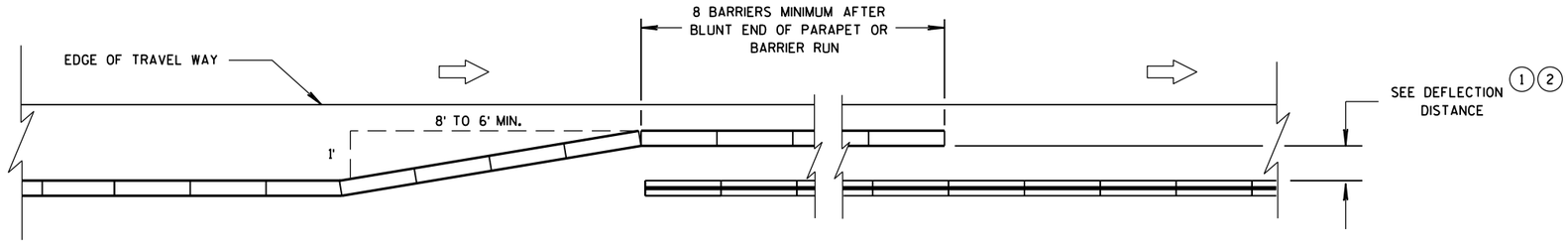
SEE FREE STANDING TRANSITION
TO TIED-DOWN SYSTEM DETAILS

SEE BI-DIRECTIONAL TRANSITION
TO TIED-DOWN SYSTEM DETAILS

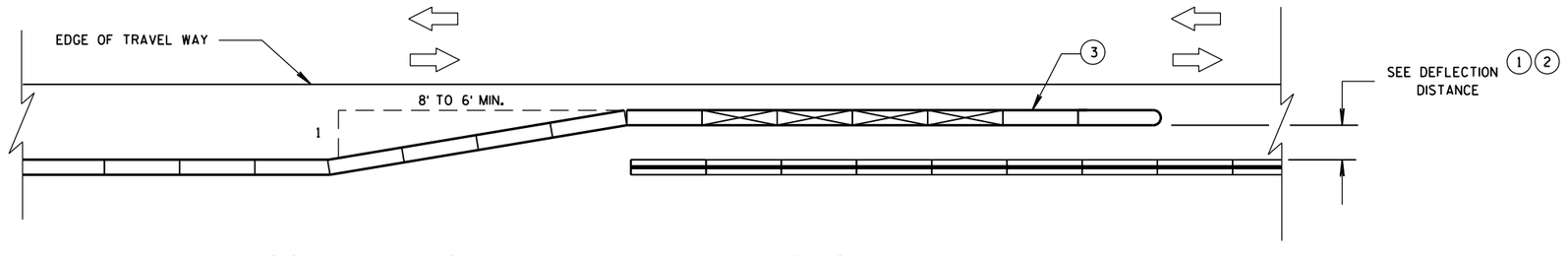
3 PINS PLACED ON
TRAFFIC SIDE OF BARRIER

PERMANENT CONCRETE BARRIER
OR CONCRETE PARAPET

FREE STANDING TEMPORARY
BARRIER



OVERLAPPING TEMPORARY BARRIER AND PERMANENT BARRIER -
ONE WAY TRAFFIC



OVERLAPPING TEMPORARY BARRIER AND PERMANENT BARRIER -
TWO WAY TRAFFIC

CRASH CUSHION/SAND BARREL
ARRAY AND OTHER TEMPORARY
BARRIER LAYOUT DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 14 B 8-2d

LEGEND

DIRECTION OF TRAVEL

CRASH CUSHION OR SAND BARREL ARRAY

SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS

SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS

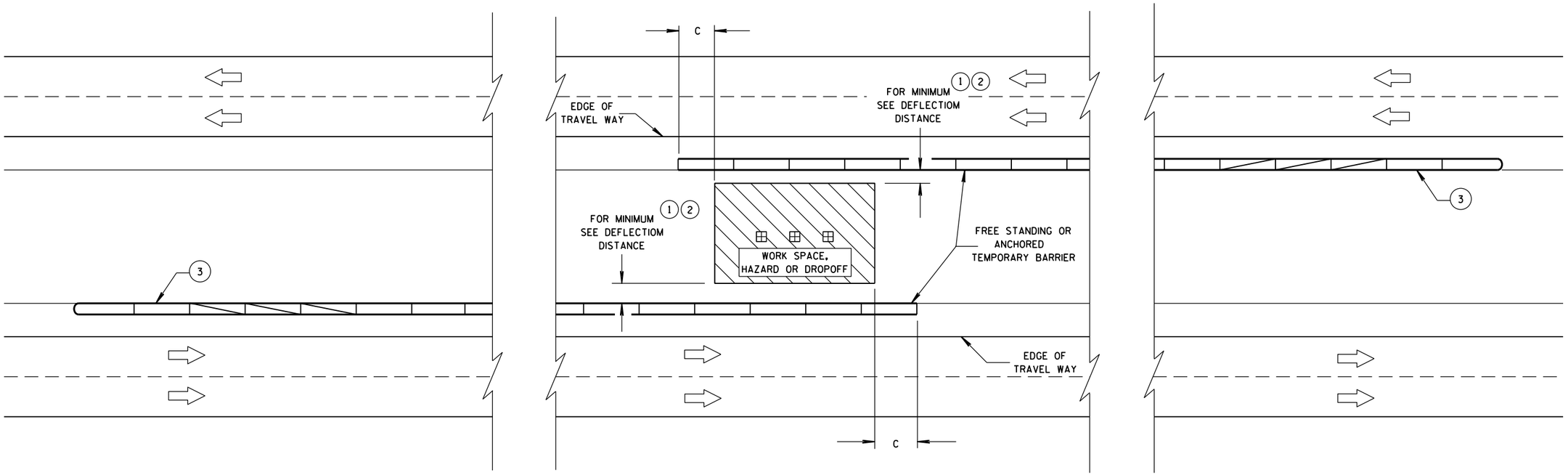
3 PINS PLACED ON TRAFFIC SIDE OF BARRIER

PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET

FREE STANDING TEMPORARY BARRIER

DIMENSION C TABLE (2)

AVAILABLE DEFLECTION DISTANCE	MINIMUM LENGTH OF BARRIER BEYOND HAZARD FT
GREATER THAN 8'	12.5
LESS THAN OR EQUAL TO 8' BUT GREATER THAN 4'	50
LESS THAN OR EQUAL TO 4'	100



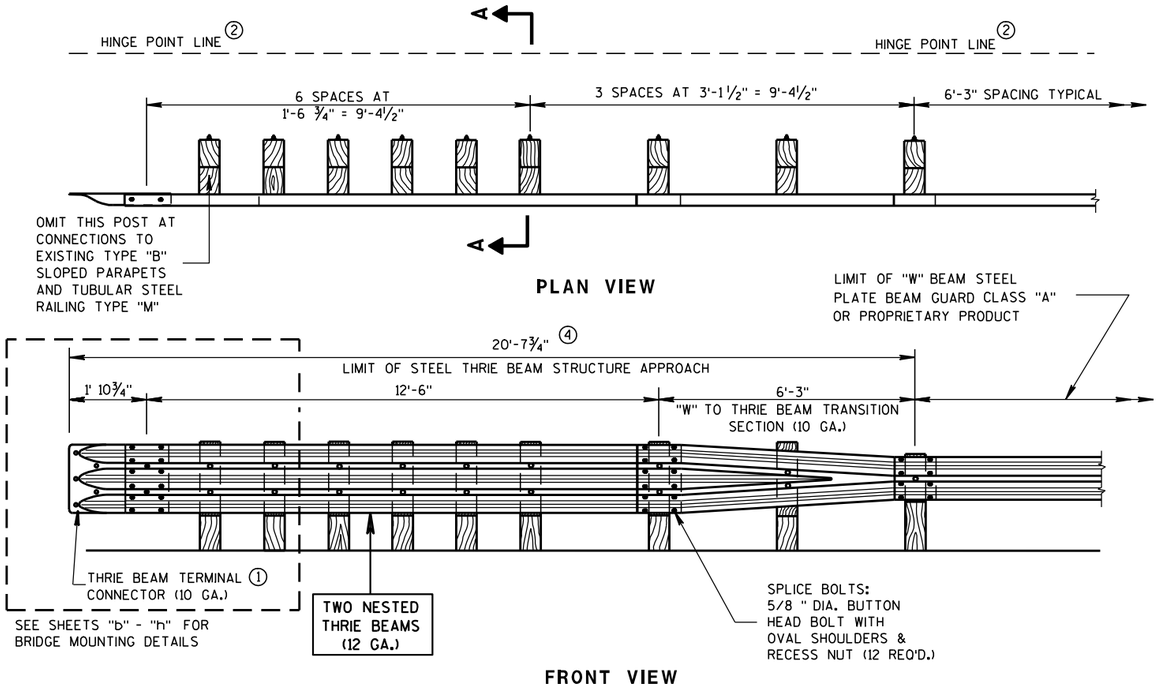
CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINNER
FHWA

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S.D.D. 14 B 8-2e



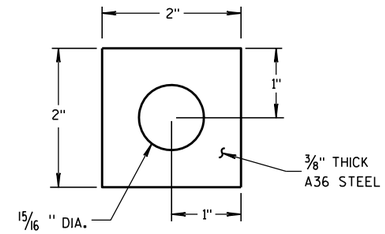


PLATE WASHER DETAIL

GENERAL NOTES

BOLT THE THRIE BEAM TO ALL POSTS AND BLOCKOUTS. DRILL OR PUNCH BOLT HOLES IN THE BEAM IF THE POST SPACING IS LESS THAN 6'-3".

DO NOT USE STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS IN THE STEEL THRIE BEAM STRUCTURAL APPROACH AND THE TRANSITION SECTION OF STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATIONS.

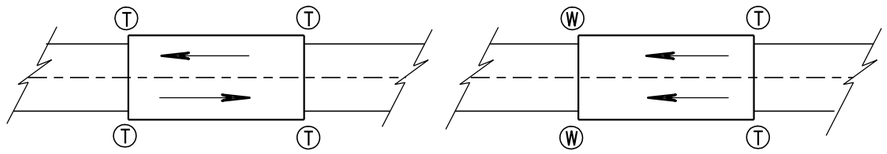
IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2 1/2" , AND 12" DIAMETER AROUND POST. SEE 14B15 FOR MORE DETAILS.

① BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

② MINIMUM EMBEDMENT SHALL BE 4'-0". WHERE EXISTING CONDITIONS DO NOT PERMIT THE APPROPRIATE EARTHWORK SHOWN ON THE PLAN TYPICAL SECTIONS OR DETAILS, THE ENGINEER MAY ALLOW THE REDUCTION OR ELIMINATION OF THE 2 FOOT DISTANCE TO THE HINGE POINT. OTHERWISE BUILD AS THE PLAN SHOWS OR AS THE ENGINEER DIRECTS. IF THE 2 FOOT DISTANCE TO THE HINGE POINT IS REDUCED OR ELIMINATED, INCREASE THE POST EMBEDMENT DEPTH TO 4'-6" OR MORE.

③ POST BOLTS ARE 5/8" DIAMETER ASTM A307 BUTTON HEAD BOLT. A POST BOLT REQUIRES A 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX AND A 5/8" DIAMETER F844 FLAT WASHER. LENGTH OF POST BOLT MAY VARY.

④ ALL WOOD POSTS MUST BE 6" X 8" AND AT LEAST 7'-0" LONG.



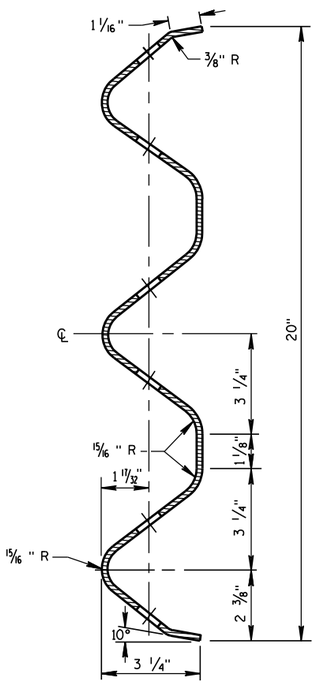
TWO WAY TRAFFIC

ONE WAY TRAFFIC

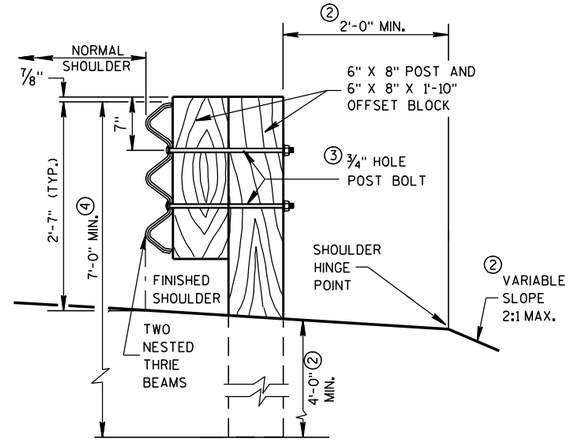
T THRIE BEAM CONNECTION

W W-BEAM CONNECTION WHEN REQUIRED

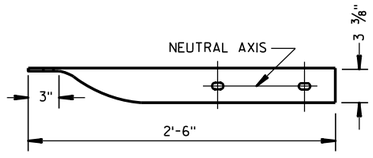
TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

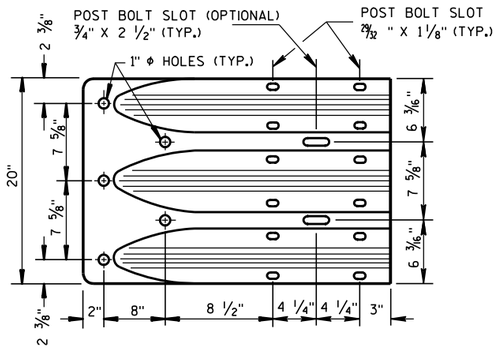


SECTION THRU THRIE BEAM RAIL ELEMENT

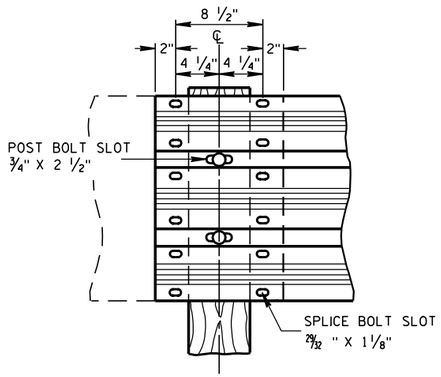


SECTION A-A





THRIE BEAM TERMINAL CONNECTOR



THRIE BEAM SPLICE

STEEL THRIE BEAM STRUCTURE APPROACH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/31/2012
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

FHWA

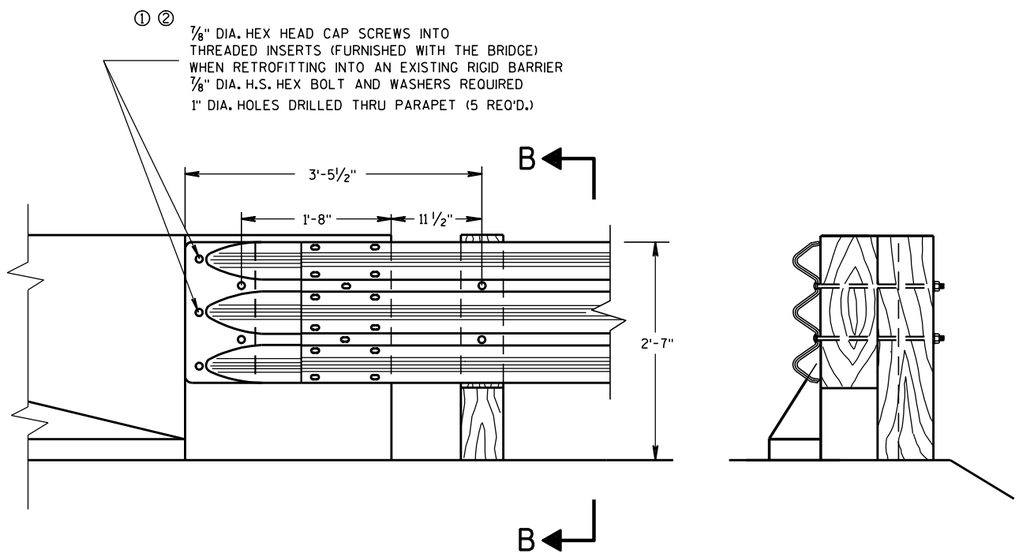
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S.D.D. 14 B 20-11a

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S.D.D. 14 B 20-11a



FRONT VIEW

SECTION B-B

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

BOLTS, NUTS AND WASHERS SHALL CONFORM TO ASTM A325, A449 AND GALVANIZED PER STANDARD SPECIFICATIONS 614.

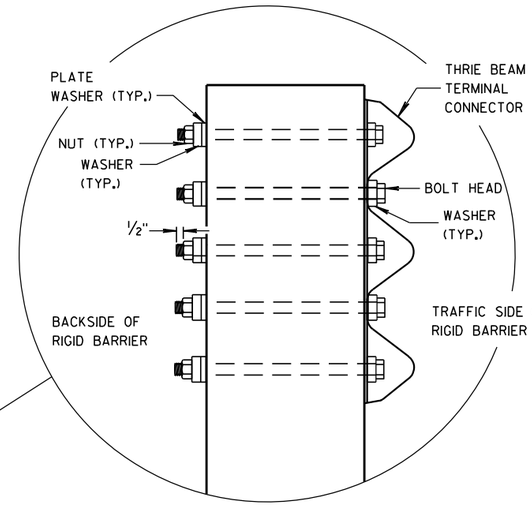
① DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

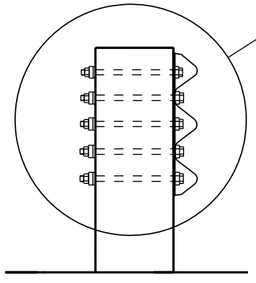
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③ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 ½".

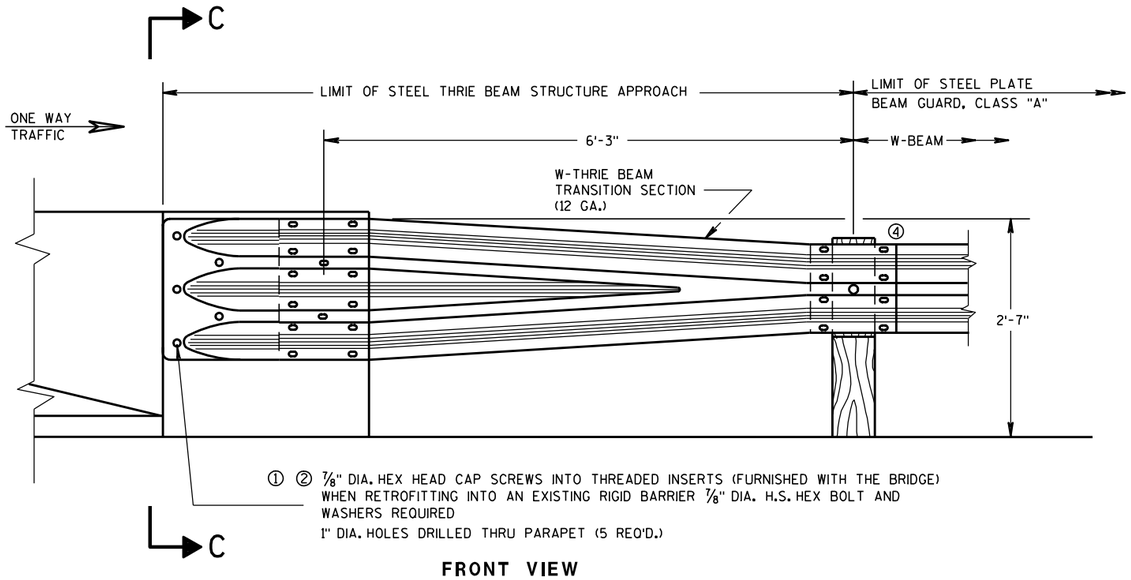
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DO NOT USE STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS IN THE STEEL THRIE BEAM STRUCTURAL APPROACH AND THE TRANSITION SECTION OF STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATIONS.





SECTION C-C



① ② ⅞" DIA. HEX HEAD CAP SCREWS INTO THREADED INSERTS (FURNISHED WITH THE BRIDGE) WHEN RETROFITTING INTO AN EXISTING RIGID BARRIER ⅞" DIA. H.S. HEX BOLT AND WASHERS REQUIRED
1" DIA. HOLES DRILLED THRU PARAPET (5 REQ'D.)

FRONT VIEW

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SQUARE END PARAPETS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/31/2012
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS [336
ENGINEER

FHWA

6

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GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

BOLTS, NUTS AND WASHERS SHALL CONFORM TO ASTM A325, A449 AND GALVANIZED PER STANDARD SPECIFICATIONS 614.

① DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

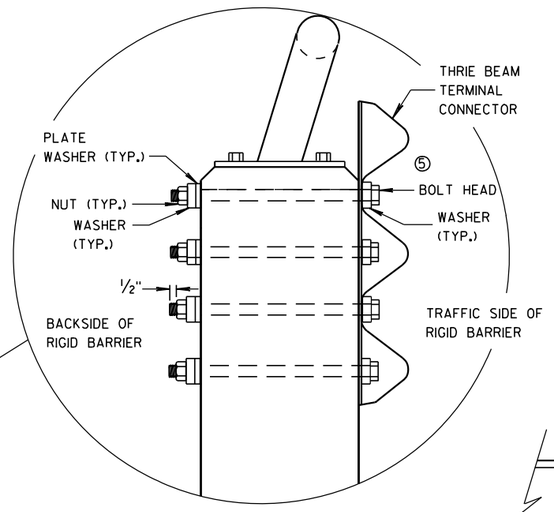
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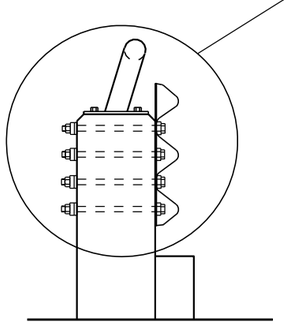
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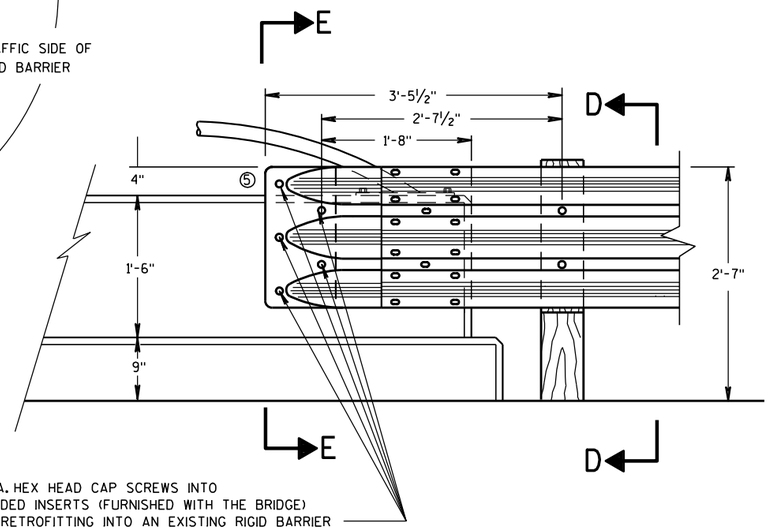
⑤ BOLT, NUT AND WASHERS NOT REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PAPAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE EDGE OF PARAPET.

DO NOT USE STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS IN THE STEEL THRIE BEAM STRUCTURAL APPROACH AND THE TRANSITION SECTION OF STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATIONS.





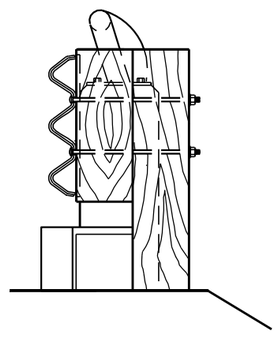
SECTION E-E



① ② ⅞" DIA. HEX HEAD CAP SCREWS INTO THREADED INSERTS (FURNISHED WITH THE BRIDGE) WHEN RETROFITTING INTO AN EXISTING RIGID BARRIER ⅞" DIA. H.S. HEX BOLT AND WASHERS REQUIRED

1" DIA. HOLES DRILLED THRU PARAPET (4 REQ'D.)

FRONT VIEW

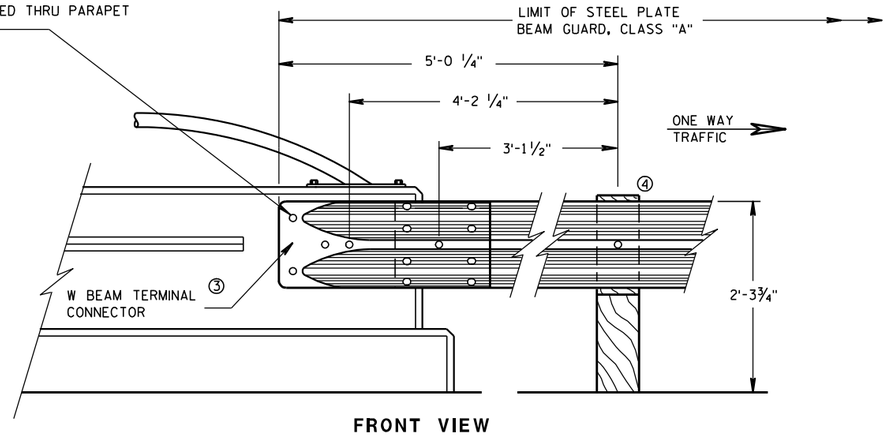


SECTION D-D

THRIE BEAM CONNECTION TO VERTICAL FACED PARAPETS

① ② ⅞" DIA. HEX HEAD CAP SCREWS INTO THREADED INSERTS (FURNISHED WITH THE BRIDGE) WHEN RETROFITTING INTO AN EXISTING RIGID BARRIER ⅞" DIA. H.S. HEX BOLT AND WASHERS REQUIRED

1" DIA. HOLES DRILLED THRU PARAPET (4 REQ'D.)



FRONT VIEW

W BEAM CONNECTION TO VERTICAL FACE PARAPET

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO VERTICAL FACED PARAPETS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/31/2012
DATE

/S/ Jerry H. Zaa
ROADWAY STANDARDS DEVELOPMENT ENGINEER

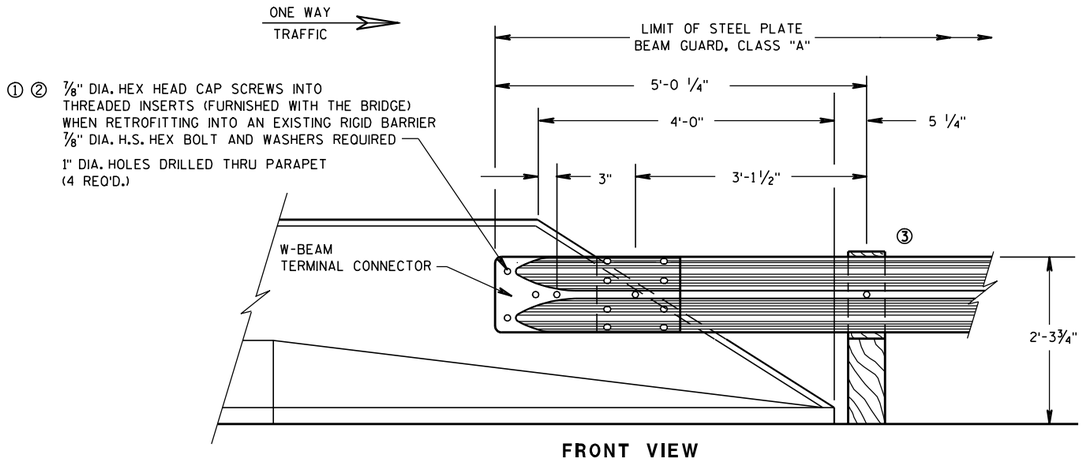
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FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

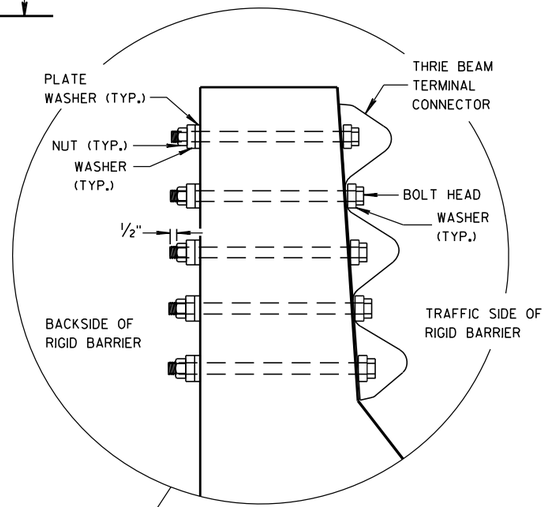
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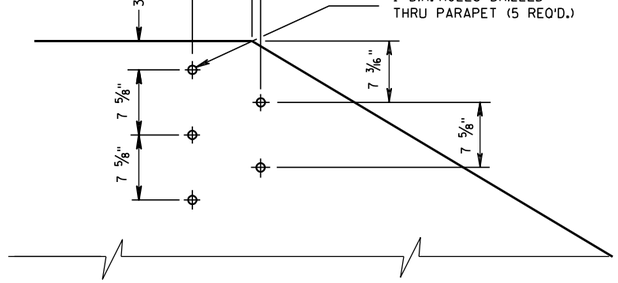
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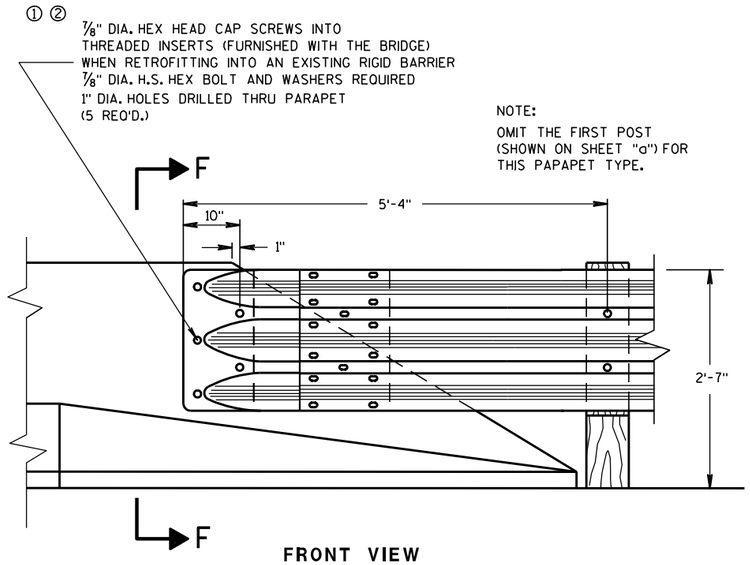
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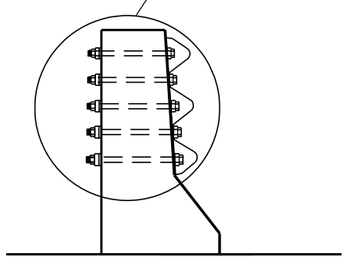




DRILL HOLE LOCATION AND PATTERN FOR THRIE BEAM CONNECTION



FRONT VIEW



SECTION F-F

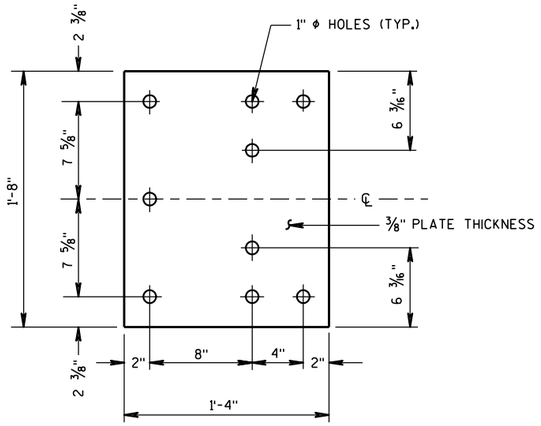
THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO SLOPED END PARAPETS

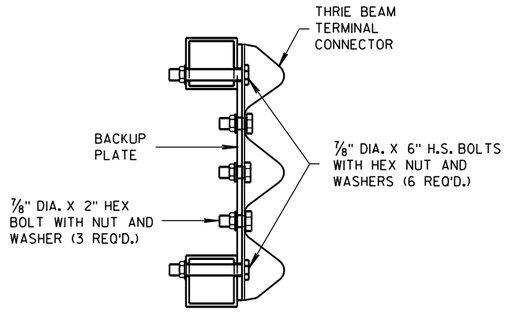
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8/31/2012 — DATE
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BACK-UP PLATE DETAIL



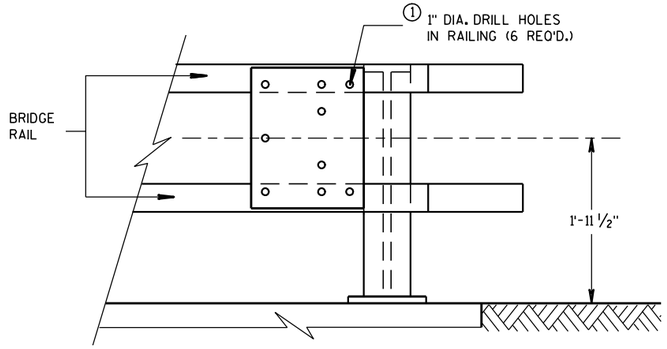
SECTION G-G

GENERAL NOTES

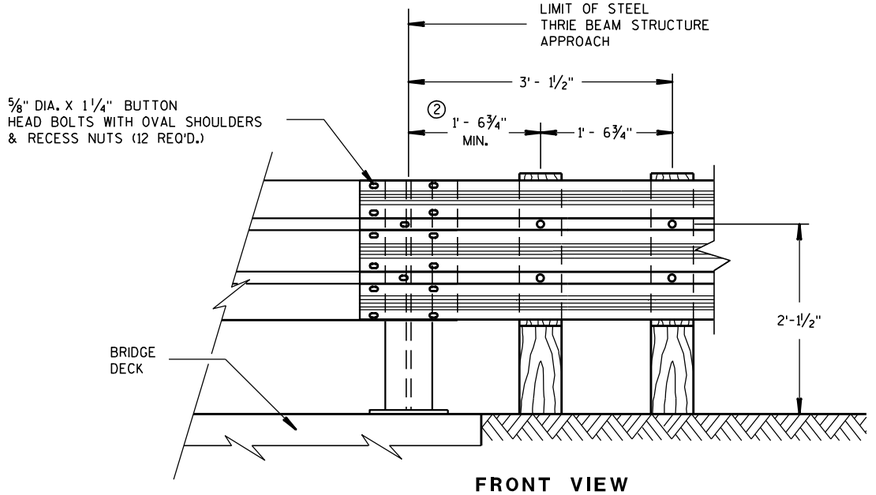
BOLTS, PLATES, NUTS AND WASHERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION A 325 AND BE GALVANIZED IN ACCORDANCE WITH ASTM A 153.

① DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

② VARY THIS DIMENSION DEPENDING ON ABUTMENT TYPE, WINGWALL DETAILS, AND ANGLE OF SKEW. PLACE THE FIRST WOOD POST OFF THE BRIDGE SHALL AS CLOSE AS FEASIBLE TO THE STEEL END POST.

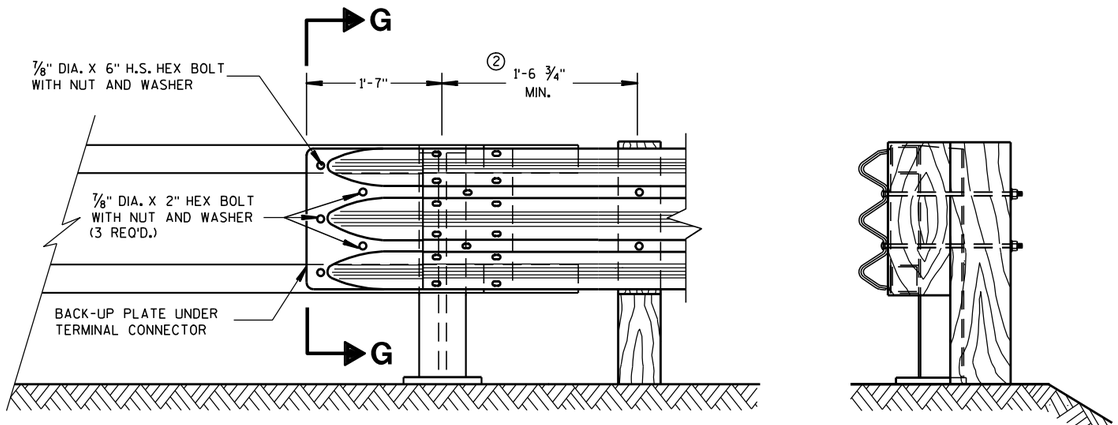


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING



FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW

END VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPES "F" AND "W"

STATE OF WISCONSIN
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8/31/2012 DATE
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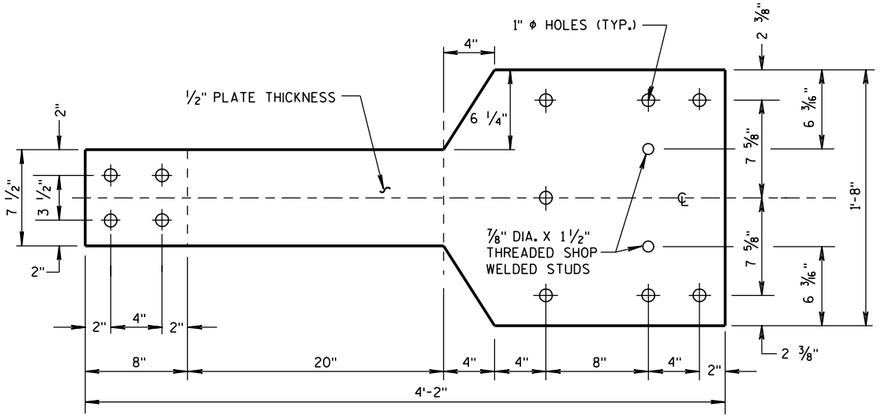
S.D.D. 14 B 20-11e

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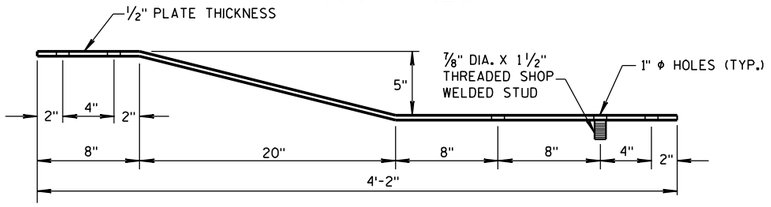
S.D.D. 14 B 20-11e

GENERAL NOTES

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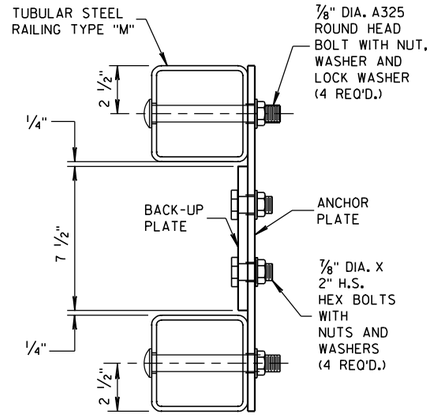


FRONT VIEW

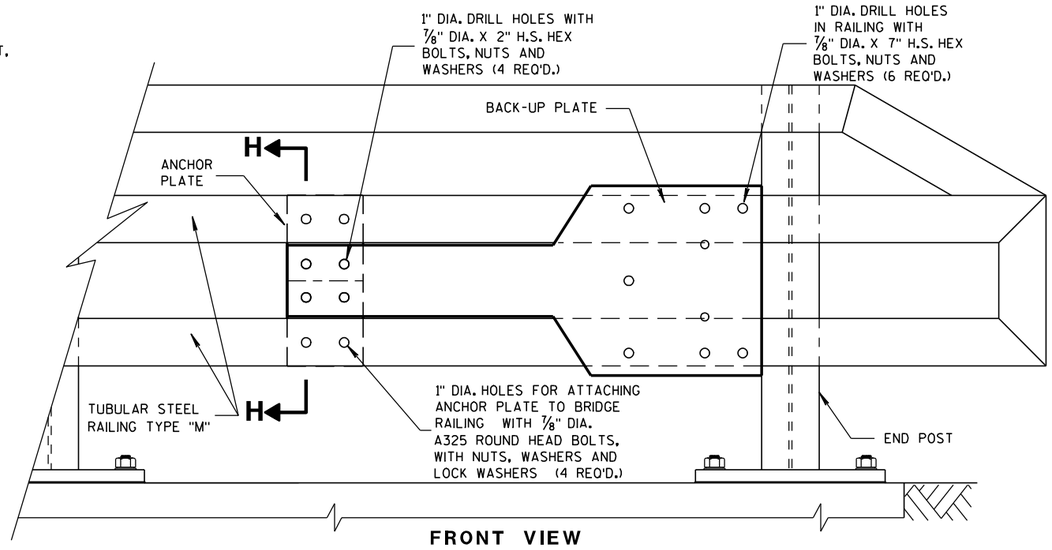


PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

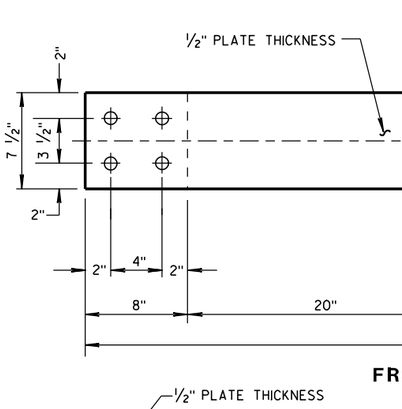


SECTION H-H



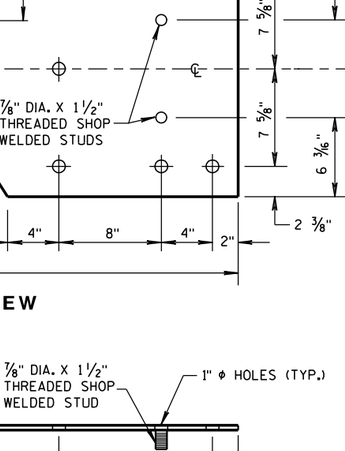
FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"

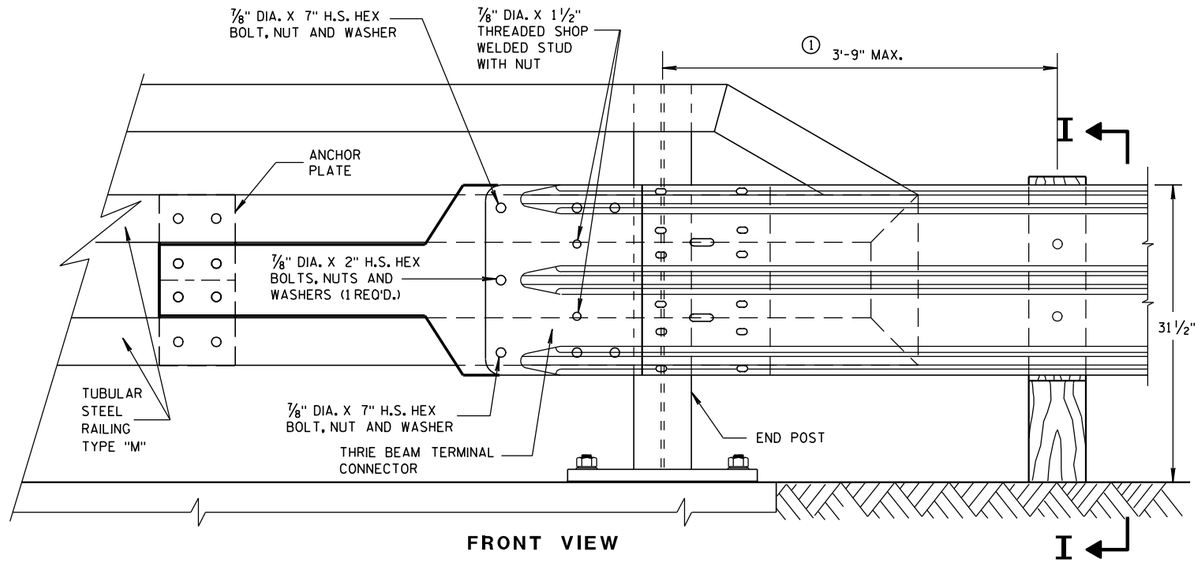


FRONT VIEW

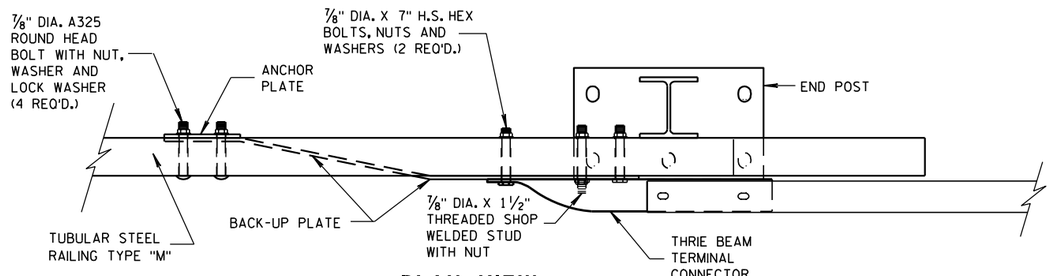
ANCHOR PLATE DETAIL, TYPE "M"



SECTION I-I



FRONT VIEW



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPE "M"

STATE OF WISCONSIN
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8/31/2012 — DATE
/S/ Jerry H. [illegible] — ROADWAY STANDARDS ENGINEER
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S.D.D. 14 B 20-11f

GENERAL NOTES

COVER PLATE PANELS ARE 3/16" THICK.

ALL STIFFENERS ARE 1/4" THICK.

CONNECTOR PLATE SHALL BE FABRICATED FROM ASTM GRADE A36 STEEL AND GALVANIZED.

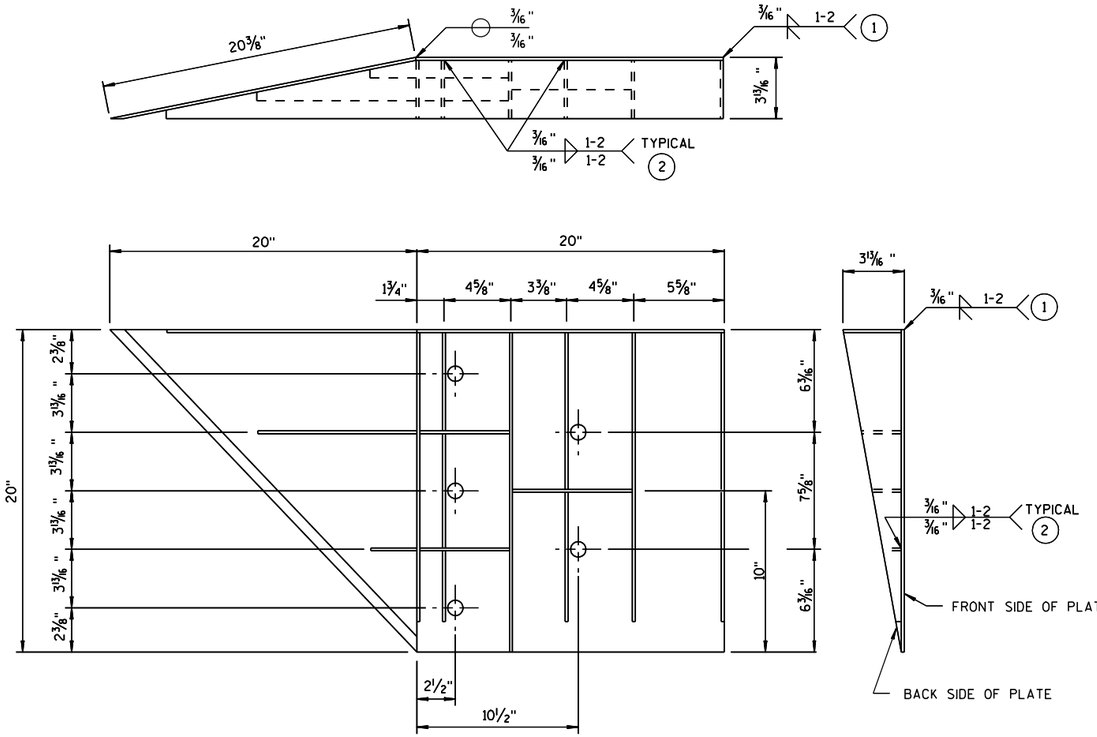
FOR GALVANIZED REQUIREMENTS, SEE SECTION 614 OF THE STANDARD SPECIFICATIONS.

ALL HOLE DIAMETERS SHALL BE 1".

FOR OPPOSITE SIDE INSTALLATION MIRROR DRAWINGS.

(1) STIFFENERS LOCATED AT THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS:
SINGLE BEVEL GROOVE WELD ON EXTERNAL SIDES AND 3/16" FILLET WELD BY 1" LONG SPACED AT 2" ON INTERNAL SIDES.

(2) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
3/16" FILLET WELD BY 1" LONG SPACED AT 2".



WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

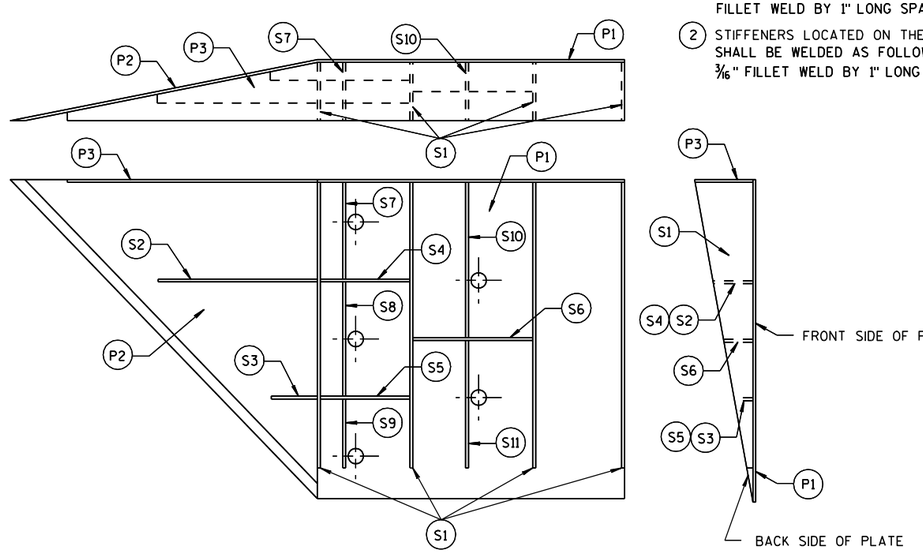


PLATE AND STIFFENER IDENTIFICATION

(VIEWED FROM BACK SIDE OF PLATE)

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)

PLATE	QUANTITY	SHAPE	SIZE (A x B x C x D)	THICKNESS
P1	1		20" x 20"	3/16"
P2	1		20" x 20" x 28 9/16"	3/16"
P3	1		39" x 3 5/8" x 20" x 19 5/16"	3/16"
S1	4		18 7/16" x 3 5/8" x 18 3/4"	1/4"
S2	1		10 1/4" x 2 7/16" x 10 3/8" x 1/2"	1/4"
S3	1		3" x 1 1/16" x 3 1/8" x 1/2"	1/4"
S4	1		6 1/8" x 2 7/16"	1/4"
S5	1		6 1/8" x 1 1/16"	1/4"
S6	1		7 3/4" x 1 3/4"	1/4"
S7	1		2 9/16" x 6" x 3 5/8" x 5 7/8"	1/4"
S8	1		1 5/32" x 7 1/2" x 2 1/2" x 7 3/8"	1/4"
S9	1		6 1/16" x 6 3/16" x 1 3/32"	1/4"
S10	1		1 7/8" x 9 7/8" x 3 5/8" x 9 11/16"	1/4"
S11	1		8 1/2" x 8 3/4" x 1 13/16"	1/4"

STEEL THRIE BEAM STRUCTURE APPROACH

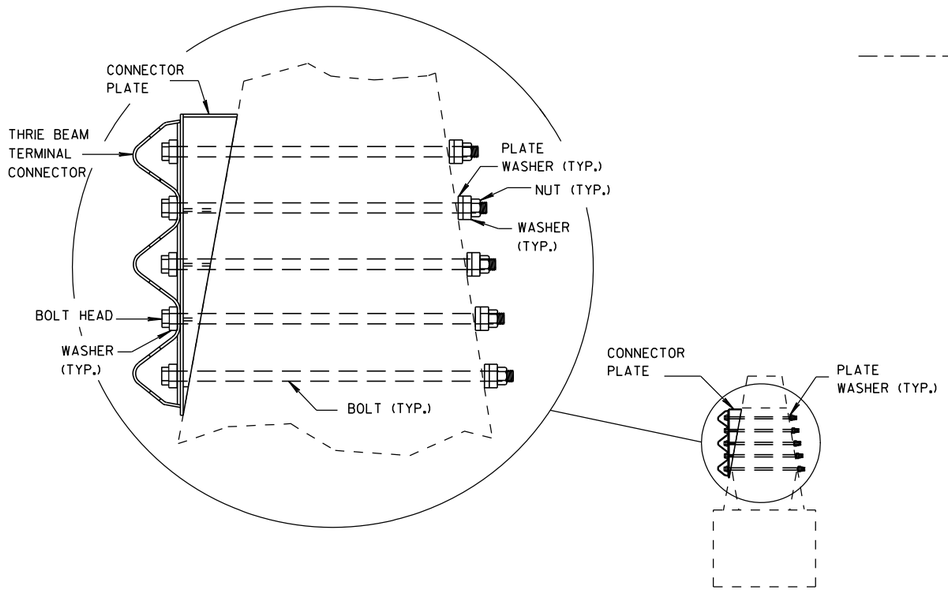
STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTOR PLATE DETAIL

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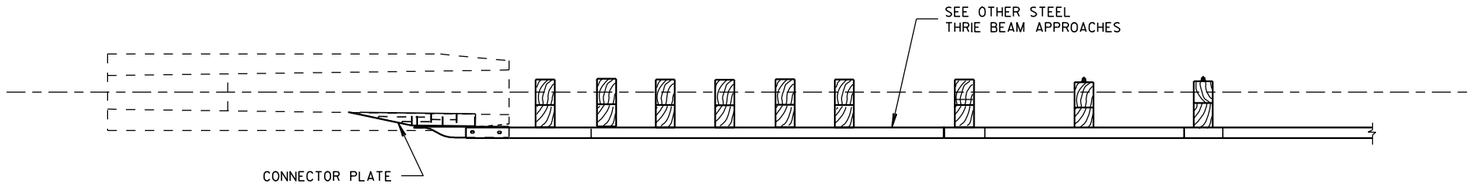
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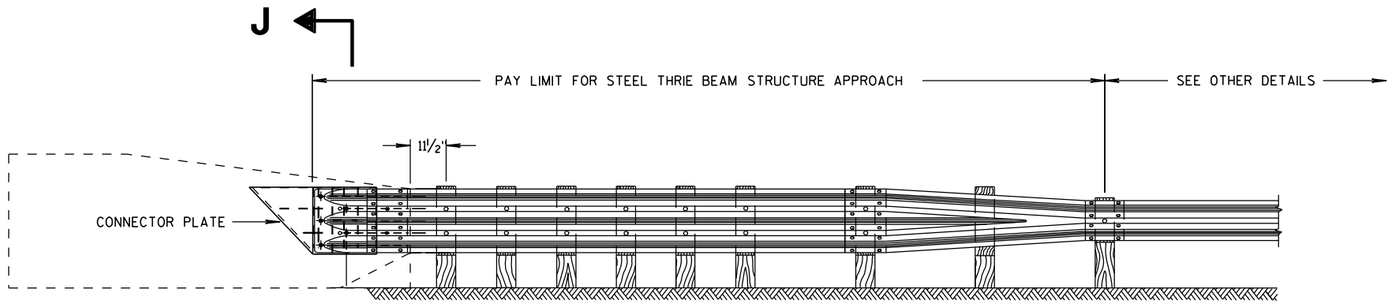
6 S.D.D. 14 B 20-11g



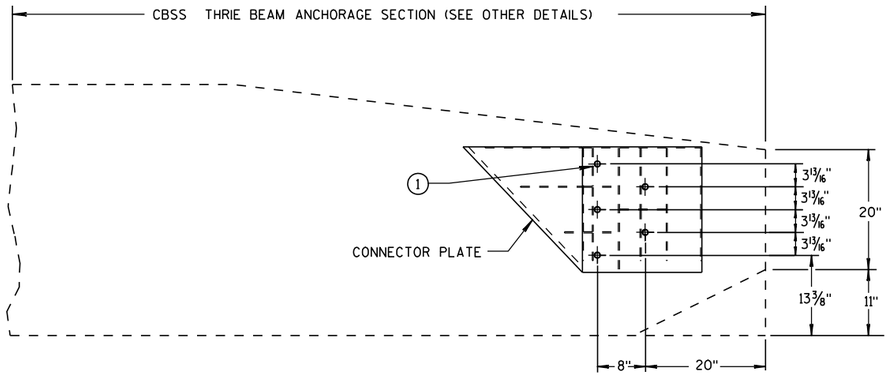
SECTION J-J



PLAN VIEW



FRONT VIEW



CONNECTOR PLATE LOCATION

GENERAL NOTES

CONSTRUCT PER STANDARD SPECIFICATION 614.

CONNECTOR PLATE, DRILLING HOLES THROUGH PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(1) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM TERMINAL CONNECTOR. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/8" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

STEEL THRIE BEAM STRUCTURE APPROACH

STEEL THRIE BEAM STRUCTURE APPROACH, SINGLE SLOPE ATTACHMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/31/2012
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

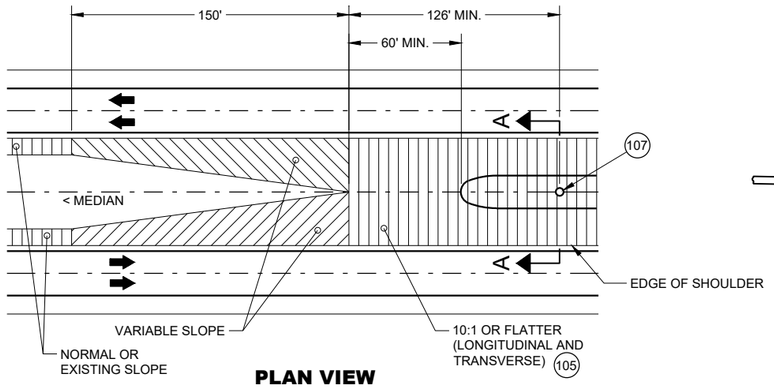
FHWA

6

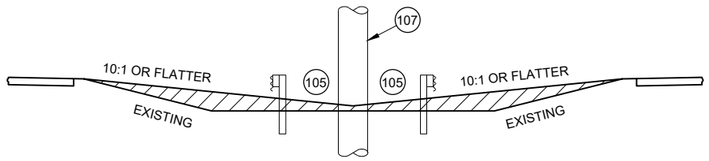
S.D.D. 14 B 20-11h

6

S.D.D. 14 B 20-11h



PLAN VIEW
GRADING AT BULLNOSE
(ALL INSTALLATIONS)



SECTION A -A
MEDIAN GRADING
(ALL INSTALLATIONS)

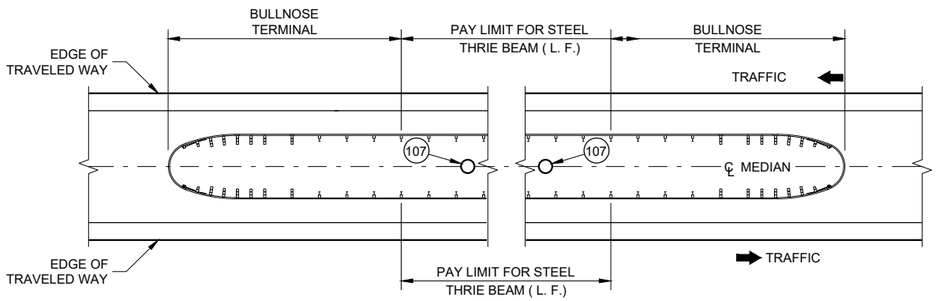
GENERAL NOTES

THRIE BEAM RAILS MAY NEED TO BE FIELD BENT TO FIT THE LOCATION.

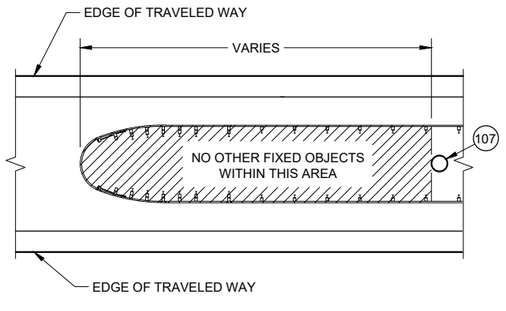
SEE STANDARD DETAIL DRAWINGS 14B26 SHEETS a-h.

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2 ½". MINIMUM DIAMETER OF THE ROCK REMOVAL IS 12" DIAMETER

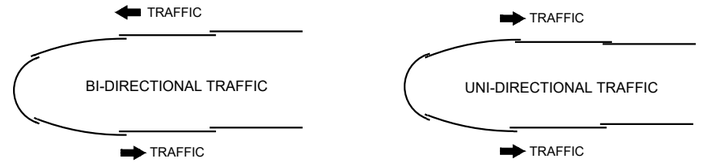
- E1 UNBENT STANDARD THRIE BEAM RAIL B1 (POST 8 TO POST 10 AND POST 10 TO POST 12)
- E2 SLOTTED THRIE BEAM RAIL E1 (POST 1 TO POST 1)
- E3 SLOTTED THRIE BEAM RAIL B3 (POST 5 TO POST 8)
- E4 SLOTTED THRIE BEAM RAIL E4 (POST 1 TO POST 5)
- 5 BEYOND POST 12: CONSTRUCT STEEL THRIE BEAM - USE UNBENT STANDARD THRIE BEAM RAIL NO. 5.
- (100) DIMENSIONS ARE FROM BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO POST OR BLOCK.
- (101) U-BOLT CABLE CLIPS (3 PER CABLE) SPACED OUT ON NOSE, TO HOLD CABLE TO BACKSIDE OF THE RAIL.
- (102) NOSE CABLE WITH SWAGGED END BUTTONS.
- (103) NOSE CABLE ANCHOR PLATE (BACKSIDE OF SPLICE).
- (104) THE SLACK IN THE NOSE CABLES SHALL BE EVENLY DISTRIBUTED BETWEEN THE CABLE CLIP FASTENERS AND POST NO. 1 ON EITHER SIDE OF THE NOSE.
- (105) MINIMUM WORKING WIDTH 4' - 2".
- (106) MAX. WIDTH OF SYSTEM IS 14' - 2 ½" MEASURED FROM THE BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO A POST OR BLOCK.
- (107) FIXED OBJECT OR OTHER HAZARD.
- (108) PLAN IS TO PROVIDE STATION OFFSET TO CENTER OF POST 5 IN PLANS.



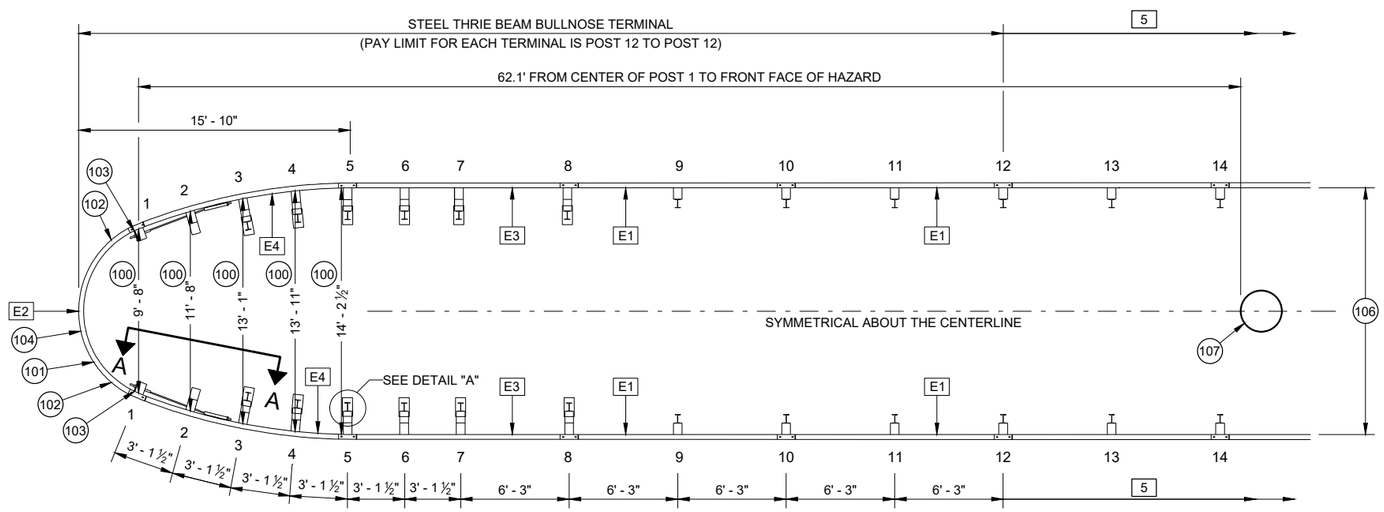
MEDIAN HAZARD PROTECTION PAY LIMITS



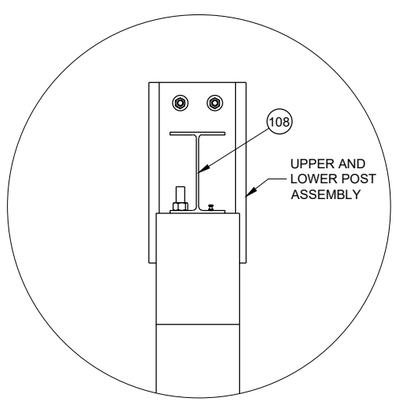
HAZARD FREE AREA
INSIDE BULLNOSE



LAPPING DETAIL



PLAN VIEW
TYPICAL BULLNOSE LAYOUT



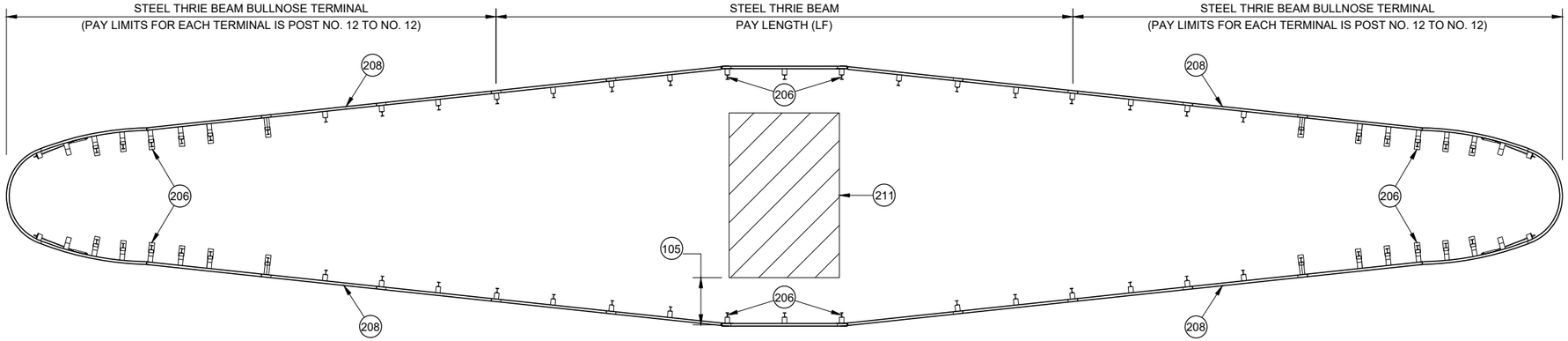
DETAIL "A"

STEEL THRIE BEAM
BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B26 - 04a

SDD 14B26 - 04a



VARIABLE WIDTH BULLNOSE

GENERAL NOTES

200 6' - 3" ASYMMETRICAL 10-GAUGE W-BEAM TO THRIE BEAM GUARD TRANSITION. SEE SDD 14B45 FOR MORE INFORMATION.

201 W-BEAM RAIL. SEE SDD 14B42 FOR MORE INFORMATION.

202 SEE POST NO. 9 AND ALL STEEL THRIE BEAM POST BEYOND DETAIL.

203 SEE SDD 14B42 FOR INSTALLATION INFORMATION.

204 SEE SDD 14B45 FOR INSTALLATION DETAILS. REPLACE ASYMMETRICAL W-BEAM TO THRIE BEAM TRANSITION AND W-BEAM RAIL WITH E1. PAY FOR MODIFIED THRIE BEAM TRANSITION.

205 CONCRETE BARRIER OR BRIDGE RAIL.

206 SEE PLAN FOR STATION AND OFFSET TO CENTER OF POST.

207 SEE PLAN FOR STATION AND OFFSET TO CENTER OF SPLICE.

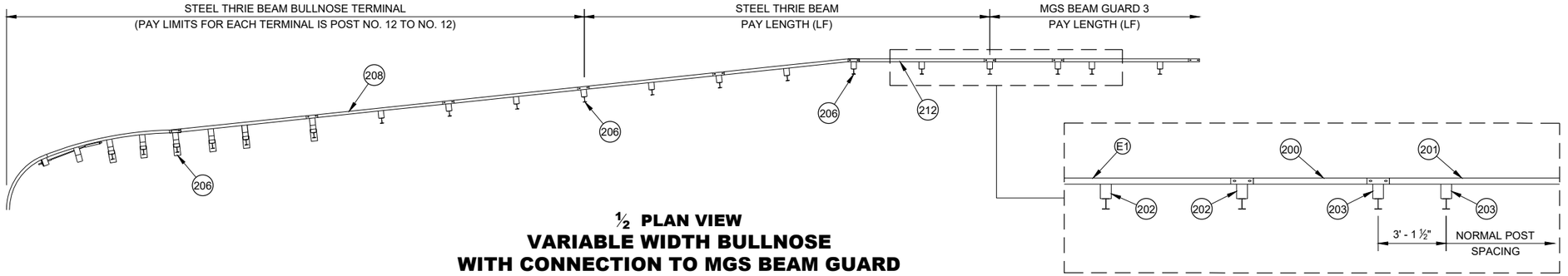
208 SEE PLAN FOR FLARE RATE.

209 A MINIMUM OF 25 FT OF THRIE BEAM TANGENT BEFORE TRANSITIONING TO BEAM GUARD OR THRIE BEAM TRANSITION.

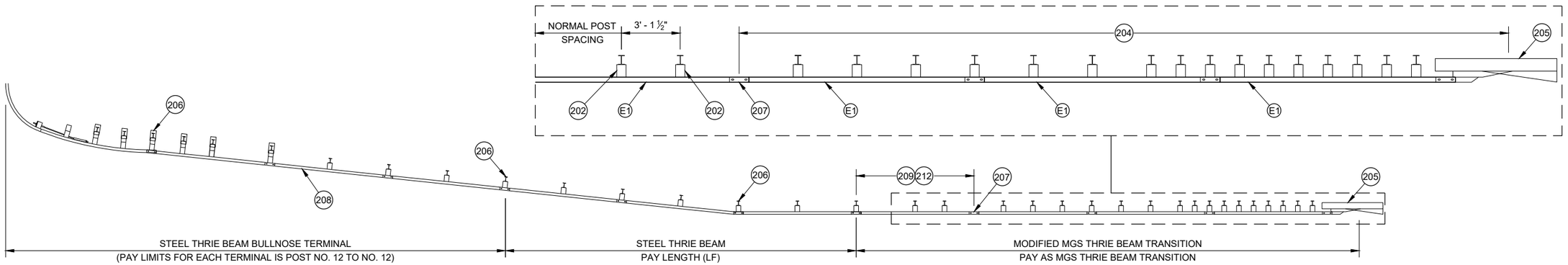
210 NOT ALL BULLNOSE HARDWARE SHOWN. SEE OTHER SHEETS IN 14B26.

211 WIDER HAZARD TO BE SHIELDED.

212 TRANSITION RAIL HEIGHT TO 31" OVER THE LENGTH OF A 12' - 6" BEAM SECTION.



½ PLAN VIEW
VARIABLE WIDTH BULLNOSE
WITH CONNECTION TO MGS BEAM GUARD



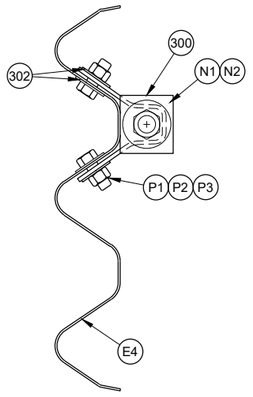
½ PLAN VIEW
VARIABLE WIDTH BULLNOSE
WITH CONNECTION TO RIGID BARRIER

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

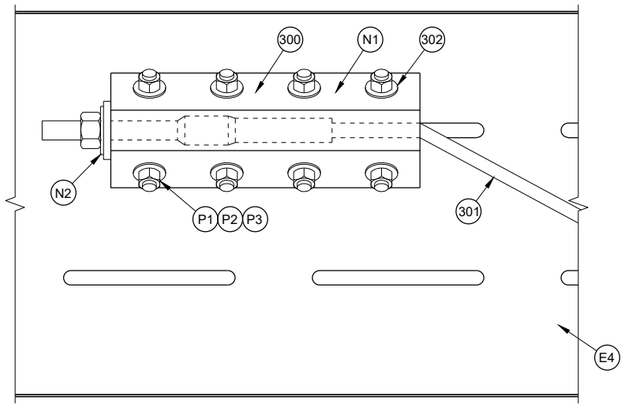
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SDD 14B26 - 04b

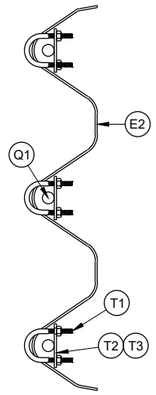


PROFILE VIEW

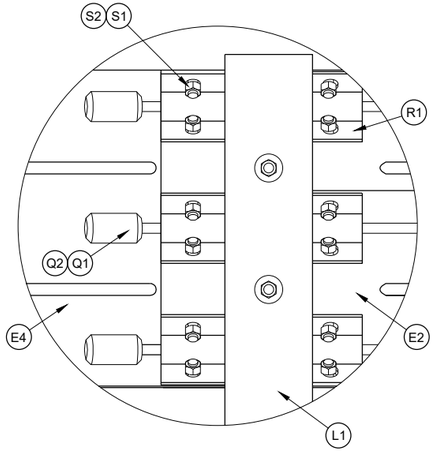
CABLE ANCHOR ASSEMBLY CONNECTION



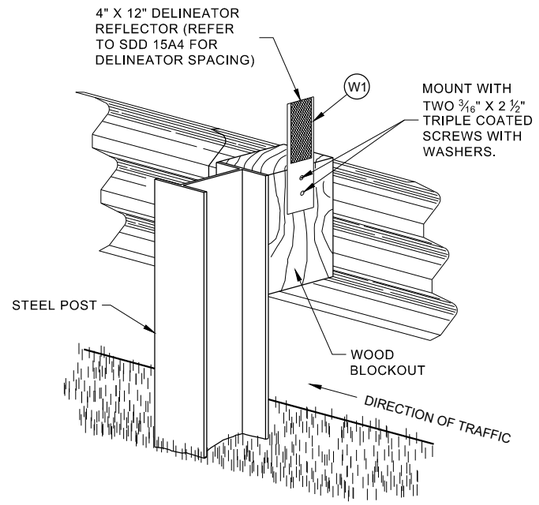
CABLE ANCHOR ASSEMBLY



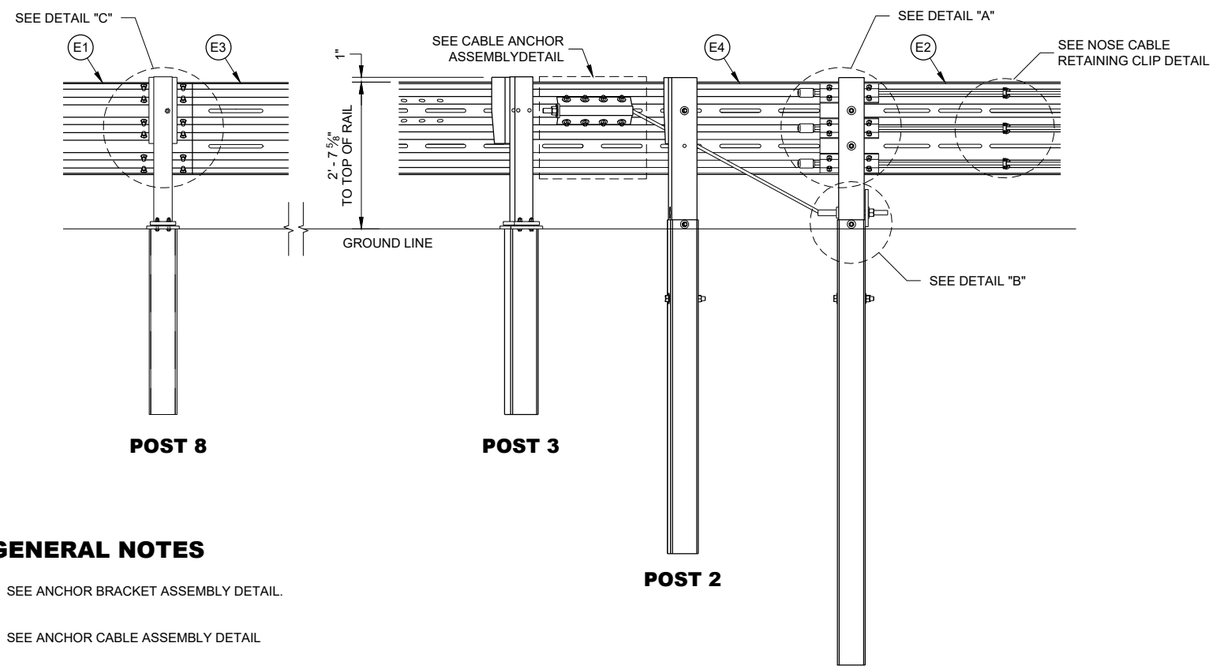
NOSE CABLE RETAINING CLIP



DETAIL "A"

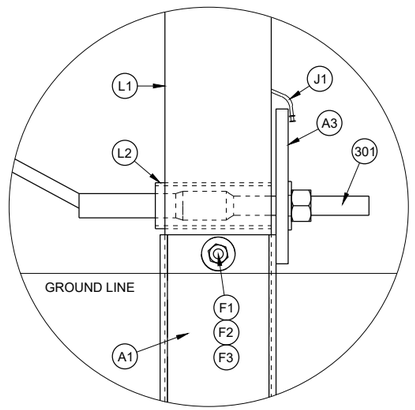


ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

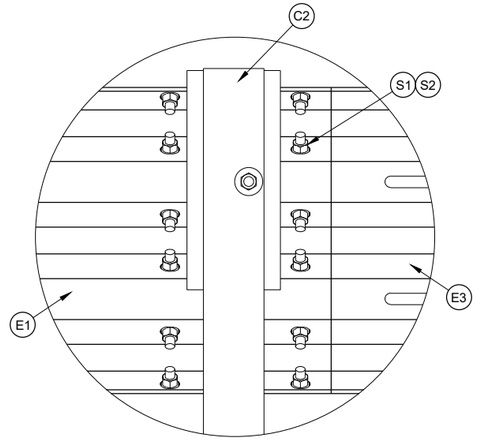


POST 8 **POST 3** **POST 2** **POST 1**

CROSS SECTION A - A



DETAIL "B"



DETAIL "C" THRIE BEAM SPLICE

GENERAL NOTES

(300) SEE ANCHOR BRACKET ASSEMBLY DETAIL.

(301) SEE ANCHOR CABLE ASSEMBLY DETAIL

(302) ONE WASHER BETWEEN BOLT HEAD AND RAIL AND BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.

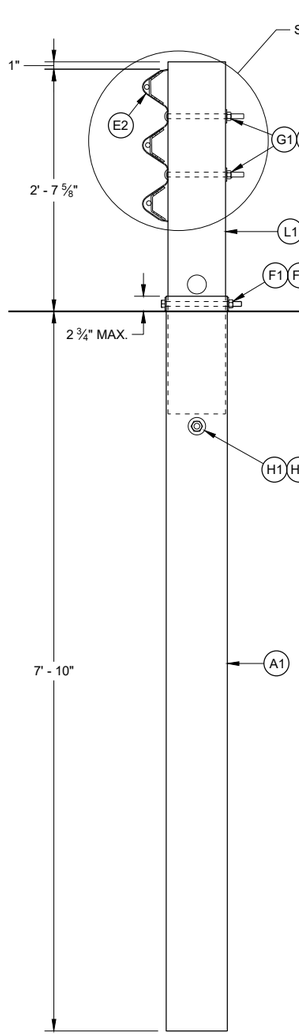
(303) ONE WASHER BETWEEN BOLD HEAD AND FOUNDATION TUBE AND BETWEEN NUT AND FOUNDATION TUBE.

STEEL THRIE BEAM BULLNOSE TERMINAL

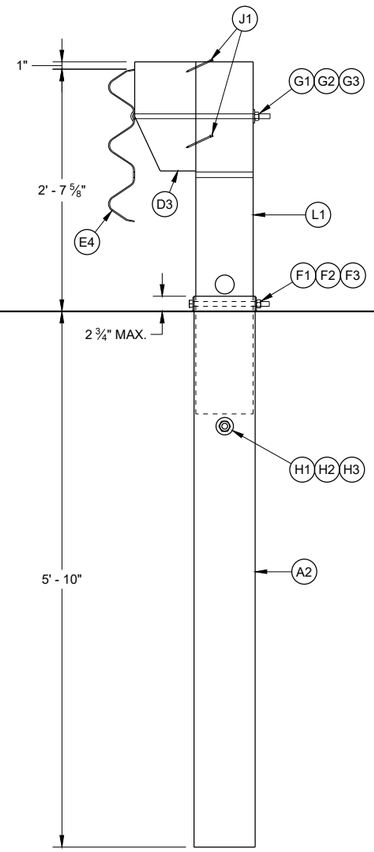
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

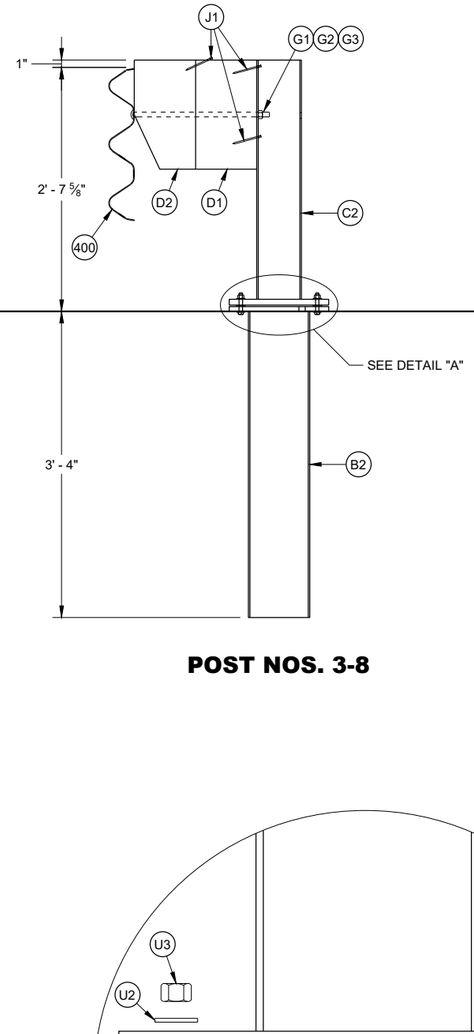
SDD 14B26 - 04c



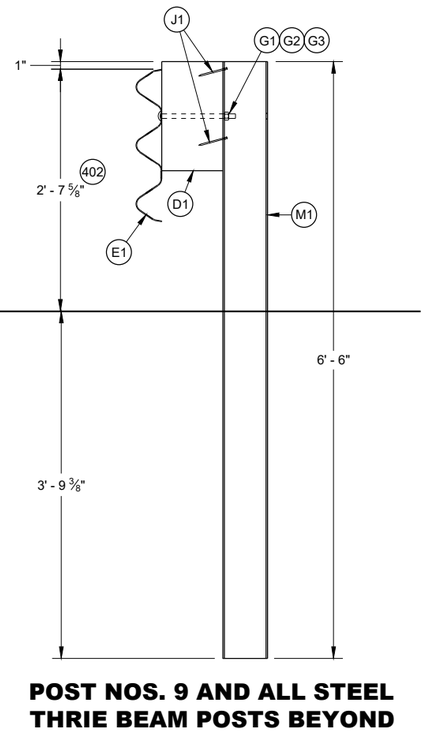
POST NO. 1



POST NO. 2



POST NOS. 3-8



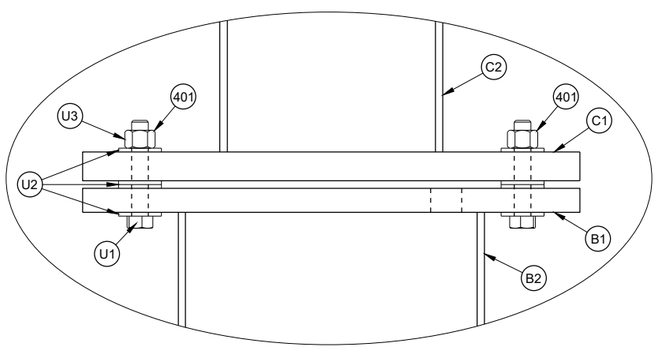
POST NOS. 9 AND ALL STEEL THRIE BEAM POSTS BEYOND

GENERAL NOTES

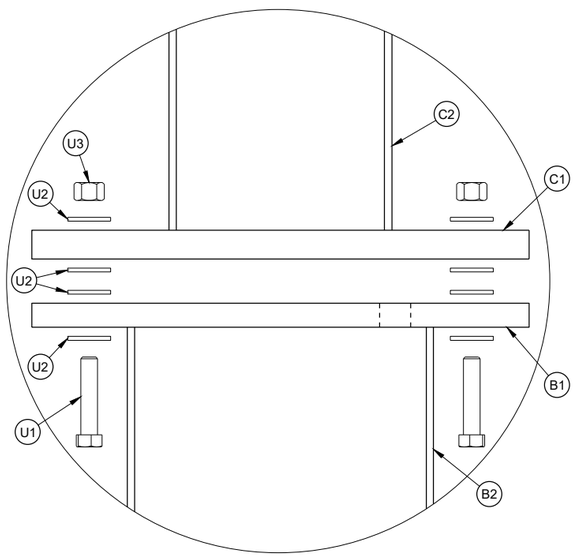
400 RAIL CAN BE E3 OR E4 DEPENDING ON POST LOCATION.

401 TORQUE BOLD BETWEEN 60-75 FT-LB

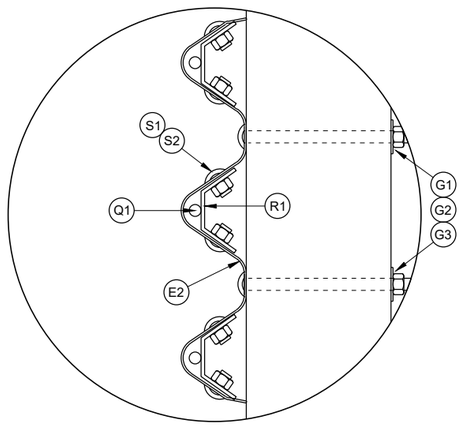
402 HEIGHT WILL VARY WITHIN HEIGHT TRANSITION TO OTHER HARDWARE. SEE NOTE 213, SHEET "b".



DETAIL "A"



EXPLODED VIEW
DETAIL "A"



DETAIL "B"

STEEL THRIE BEAM BULLNOSE TERMINAL

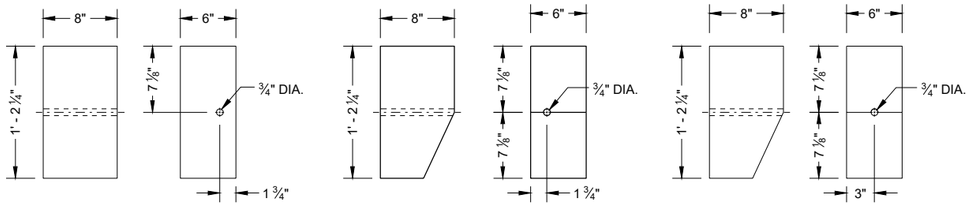
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B26 - 04d

6

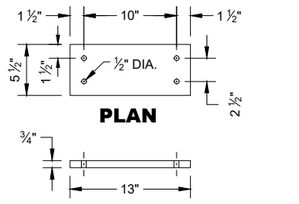
SDD 14B26 - 04d



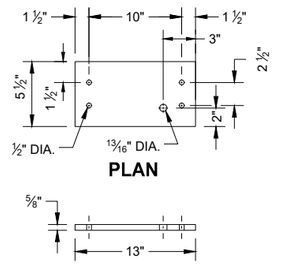
ELEVATION PROFILE
BLOCKOUT (D1)

ELEVATION PROFILE
BLOCKOUT (D2)

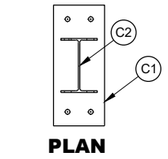
ELEVATION PROFILE
BLOCKOUT (D3)



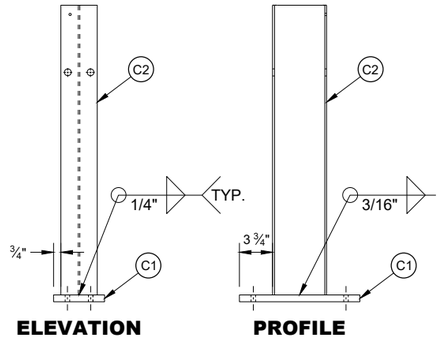
PLAN
PROFILE
UPPER SHEAR PLATE (C1)



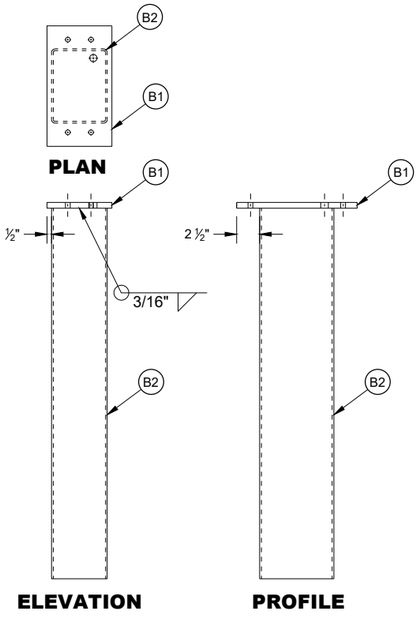
PLAN
PROFILE
LOWER SHEAR PLATE (B1)



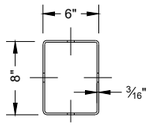
PLAN



ELEVATION PROFILE
UPPER POST ASSEMBLY

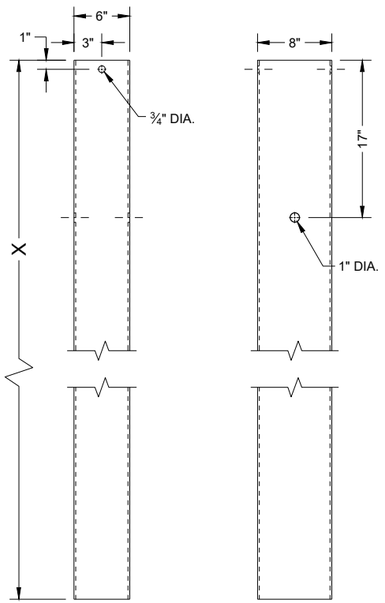


PLAN
ELEVATION PROFILE
LOWER POST ASSEMBLY

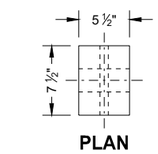


PLAN

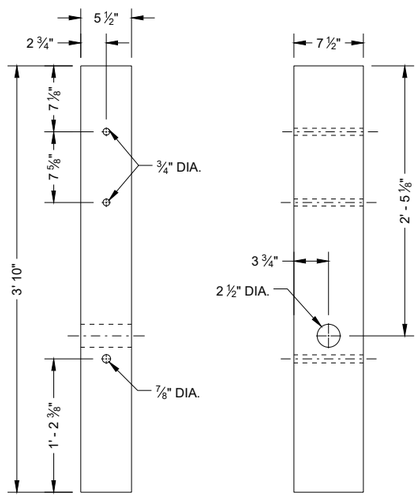
PART	LENGTH "X"
A1	8' - 0"
A2	6' - 0"
B2	3' - 6"



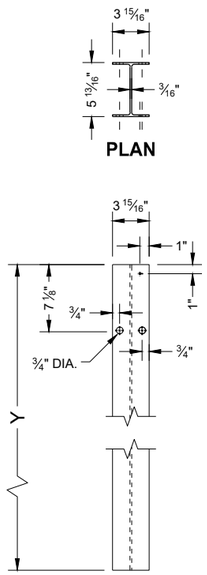
ELEVATION PROFILE
FOUNDATION TUBE



PLAN



ELEVATION PROFILE
BCT POST (L1)



PLAN
ELEVATION
POST

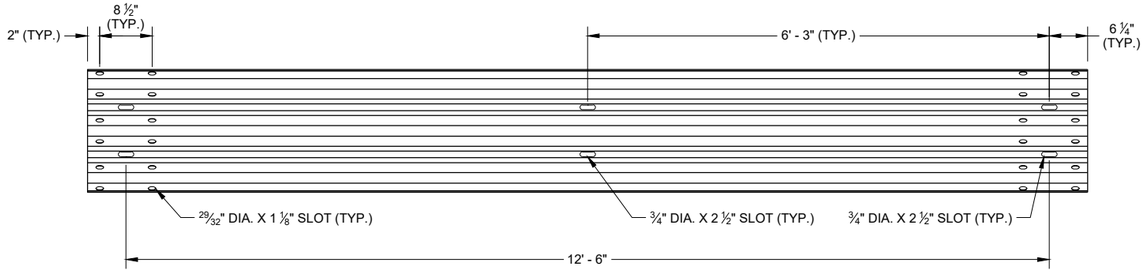
PART	LENGTH "Y"
M1	6' - 6"
M2	5' - 8 5/8"
C2	2' - 8 5/8"

STEEL THRIE BEAM BULLNOSE TERMINAL

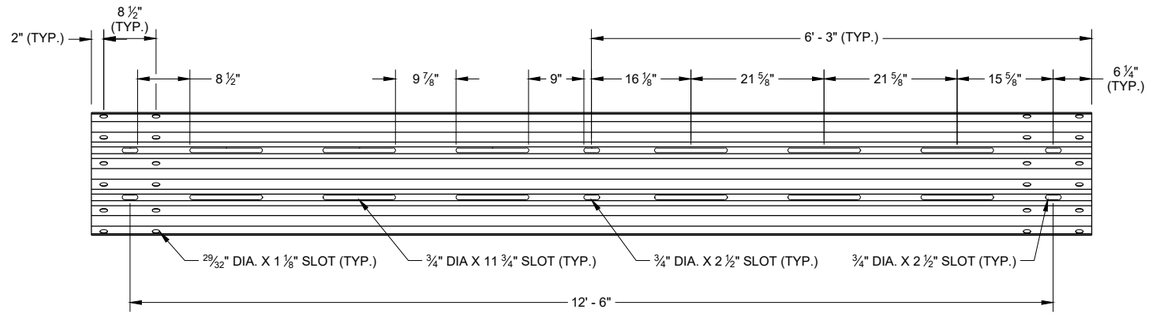
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

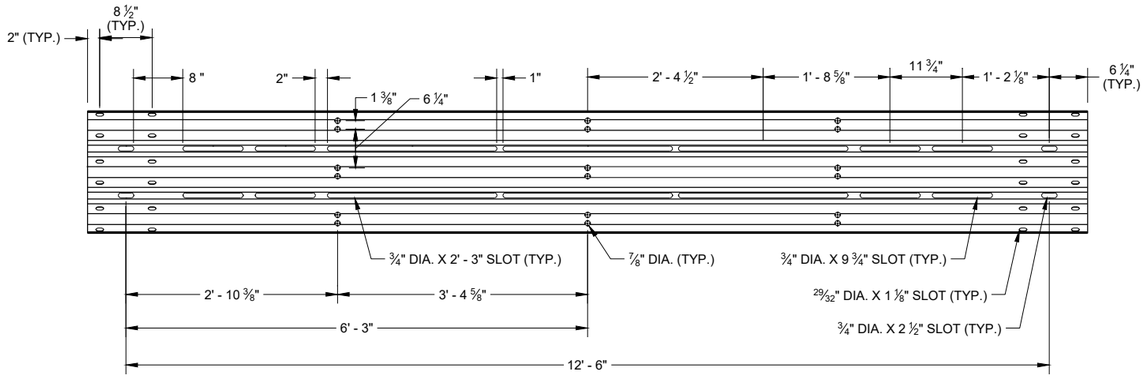
SDD 14B26 - 04e



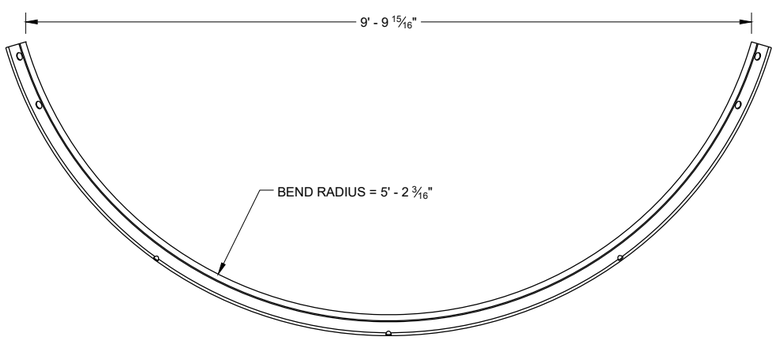
SLOTTED THRIE BEAM RAIL E1



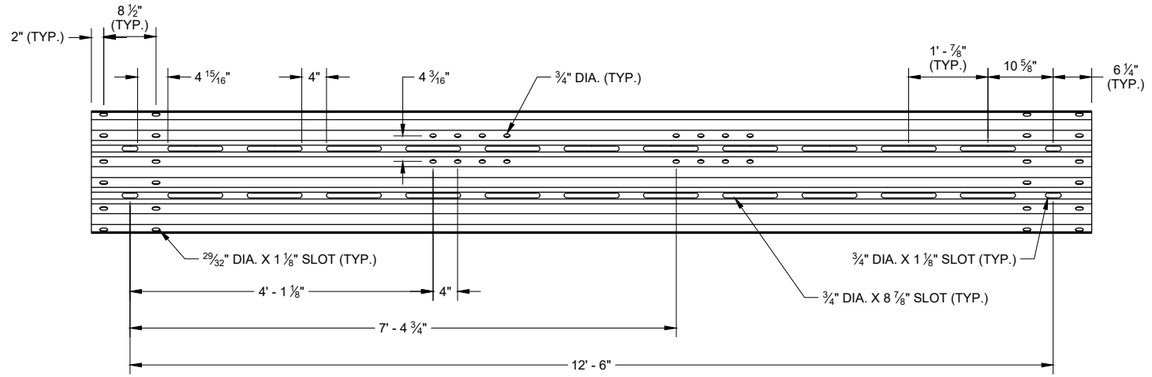
SLOTTED THRIE BEAM RAIL E3



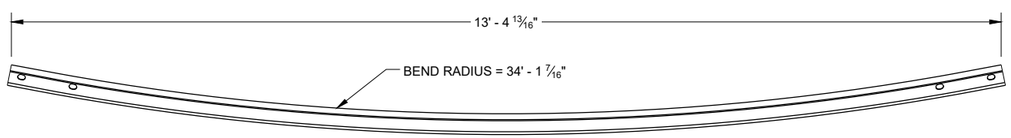
ELEVATION VIEW NON - RADIUSED
SLOTTED THRIE BEAM RAIL E2



PLAN VIEW
SLOTTED THRIE BEAM RAIL E2



ELEVATION VIEW NON - RADIUSED
SLOTTED THRIE BEAM RAIL E4



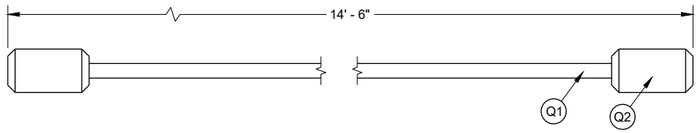
PLAN VIEW
SLOTTED THRIE BEAM RAIL E4

STEEL THRIE BEAM
BULLNOSE TERMINAL

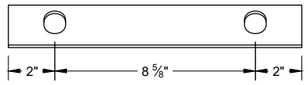
STATE OF WISCONSIN
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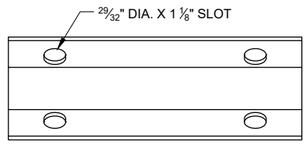
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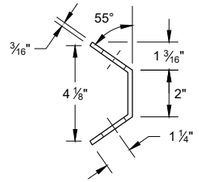
NOSE CABLE AND SWAGE BUTTON



PLAN VIEW

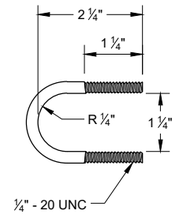


ELEVATION VIEW

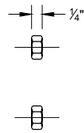


PROFILE VIEW

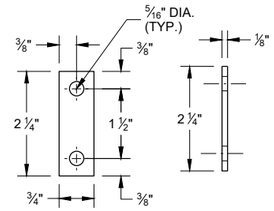
NOSE CABLE ANCHOR (R1)



U - BOLT (T1)

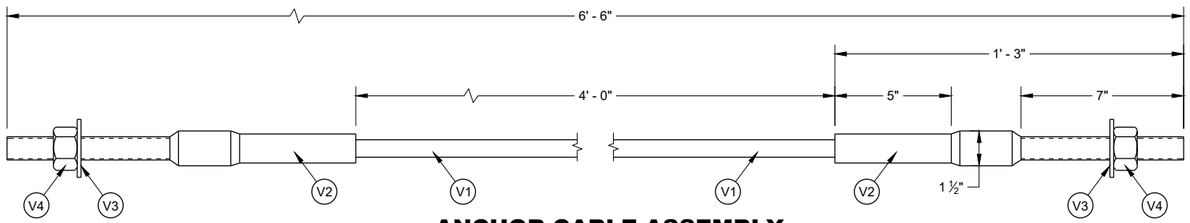


U - BOLT NUT (T3)

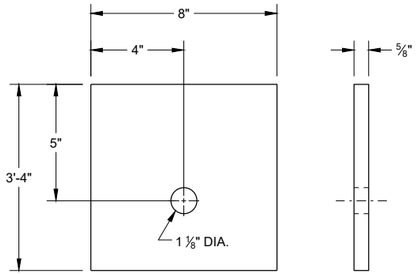


ELEVATION VIEW **PROFILE VIEW**

U - BOLT PLATE WASHER (T2)

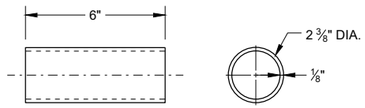


ANCHOR CABLE ASSEMBLY



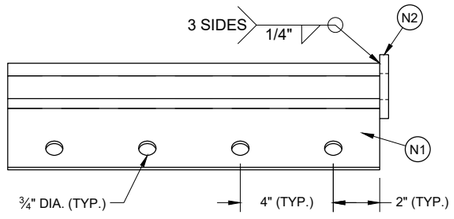
ELEVATION VIEW **PROFILE VIEW**

BCT BEARING PLATE (A3)

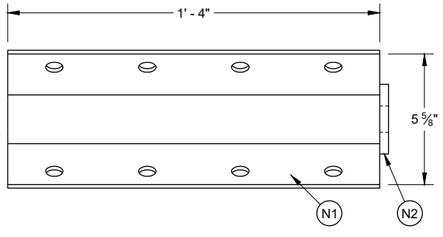


ELEVATION VIEW **PROFILE VIEW**

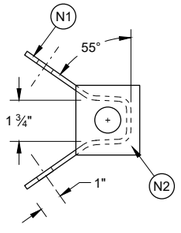
BCT POST SLEEVE (L2)



PLAN VIEW

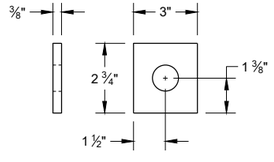


ELEVATION VIEW



PROFILE VIEW

ANCHOR BRACKET ASSEMBLY (N1)



ANCHOR BRACKET END PLATE (N2)

STEEL THRIE BEAM BULLNOSE TERMINAL

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BILL OF MATERIALS LIST

PART NUMBER	DESCRIPTION	MATERIAL SPECIFICATION
A1	LONG FOUNDATION TUBE	AASHTO M111/ASTM A123 ASTM A500 GRADE B OR ASTM A-501
A2	FOUNDATION TUBE	AASHTO M111/ASTM A123 ASTM A500 GRADE B OR ASTM A-501
A3	BEARING PLATE AT POST	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
B1	LOWER SLIP POST ASSEMBLY - PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
B2	LOWER SLIP POST ASSEMBLY - TUBE	AASHTO M111/ASTM A123 ASTM A500 GRADE B OR ASTM A-501
C1	UPPER SLIP POST ASSEMBLY - PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
C2	UPPER SLIP POST ASSEMBLY - POST	AASHTO M111/ASTM A123 ASTM A6 W6X9 OR W6X8.5 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
D1	BLOCK FOR STEEL POST - WOOD	WISDOT SPEC. 614
D2	TAPERED BLOCK FOR STEEL POST - WOOD	WISDOT SPEC. 614
D3	TAPERED BLOCK FOR BCT POST - WOOD	WISDOT SPEC. 614
E1	THRIE BEAM RAIL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER
E2	THRIE BEAM RAIL - SHOP BENT AND PUNCHED	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER. INDICATE RADIUS BEAM GUARD IS BENT TO ON THE BACKSIDE OF RAIL. FOLLOW AASHTO M180. MARK RADIUS.
E3	THRIE BEAM RAIL - PUNCHED	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER
E4	THRIE BEAM RAIL - SHOP BENT AND PUNCHED	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER. INDICATE RADIUS BEAM GUARD IS BENT TO ON THE BACKSIDE OF RAIL. FOLLOW AASHTO M180. MARK RADIUS.
F1	5/8" DIA. HEX HEAD GROUND STRUT AND YOKE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36
F2	5/8" DIA. GROUND STRUT AND YOKE BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)
F3	GROUND STRUT AND YOKE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
G1	5/8 " DIA. POST BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER TYPICALLY USED WITH STEEL POSTS) OR ASTM F844 (UNHARDENED WASHER TYPICALLY USED WITH WOOD)
G2	POST BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER TYPICALLY USED WITH STEEL POSTS) OR ASTM F844 (UNHARDENED WASHER TYPICALLY USED WITH WOOD)
G3	POST BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
H1	7/8" DIA. SOIL TUBE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD 7/8" ASTM A563DH OR SAE J995 GRADE 5
H2	SOIL TUBE BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 7/8" ASTM F844 TYPE 1 (HARDEN WASHER ONLY)
H3	SOIL TUBE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD 7/8" ASTM A563DH OR SAE J995 GRADE 5
J1	16D DOUBLE HEAD NAIL	ASTM A153 HOT DIPPED CLASS D DOUBLE HEAD ASTM F1667 TYPE 1 STYLE 12 (16 DOUBLE HEADED)
L1	BCT TIMBER POST	WISDOT SPEC. 614 S4S FINISH ON 4 SIDE
L2	BCT POST SLEEVE	AASHTO M111/ASTM A123 2 3/8" OD ASTM 53 GRADE B
M1	W6X8.5 OR W6X9 STEEL POST	AASHTO M111/ASTM A123 ASTM A6 W6X9 OR W6X8.5 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
M2	W6X8.5 OR W6X9 STEEL POST	AASHTO M111/ASTM A123 ASTM A6 W6X9 OR W6X8.5 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
N1	ANCHOR BRACKET	AASHTO M111/ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
N2	ANCHOR BRACKET - BEARING PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI

PART NUMBER	DESCRIPTION	MATERIAL SPECIFICATION
P1	5/8" DIA. ANCHOR BRACKET BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD 5/8" ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36
P2	ANCHOR BRACKET BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)
P3	SOIL TUBE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
Q1	5/8" DIA. NOSE CABLE	6X19 AASTHO M30 / ASTM A741 XIPS INDEPENDENT WIRE CORE (IWRC) PR 6X25 XIPS, IWRC NOMINAL BREAKING STRENGTH OF 41.2 KIPS.
Q2	NOSE CABLE-SWAGE BUTTON	COLD TUFF BUTTON, S-409 SIZE NO. 12 STOCK NUMBER 1040395 OR ANY OTHER SIMILAR SIZED WAGED-GRIP-BUTTON FERRULES. ASTM A576 GRADE 1035 SWAGE FITTING ARE TO BE FIELD SWAGED PER MANUFACTURERS RECOMMENDATION. NOMINAL BREAKING STRENGTH OF 41.2 KIPS.
R1	NOSE CABLE ANCHOR BRACKET	AASHTO M111/ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
S1	5/8" DIA. SPLICE BOLT - BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36
S2	SPLICE - BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD 5/8" ASTM A563DH OR SAE J995 GRADE 5
T1	1/4" DIA. NOSE CABLE - U BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36
T2	U-BOLT - PLATE WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)
T3	U-BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
U1	7/16" DIA. SLIP POST ASSEMBLY - BREAKAWAY BOLT	ASTM A153 OR B695 CLASS 55 OR F2329 UNC FULLY THREADED HEX HEAD TAP BOLT ASTM A449 OR SAE J429 GRADE 5
U2	7/16" DIA. SLIP POST ASSEBLY - BREAKAWAY BOLT - WASHER	ASTM F436 TYPE I (HARDEN TYPICALLY USED WITH STEEL) GALV. AASHTO M111/ASTM A 123 OR GALV. HOT DIP. TO POST BOLT CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 55, F2329
U3	SLIP POST ASSEBLY - BREAKAWAY BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / STM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
V1	¾" DIA. BCT CABLE	AASHTO M30 / ASTM A741 6X19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS), 6X19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS) TYPE II OR IIC, CLASS C ZINC COATED MIN BREAKING STRENGTH OF 42.7 KIPS
V2	ANCHOR CABLE-SWAGE FITTING	UNC ASTM A576 GRADE 1035 SWAGE FITTING ARE TO BE FACTORY SWAGED. MIN. BREAKING STRENGTH OF 42.7 KIPS. ASME B30.26 "FORGED, CAST, OR DIE STAMPED WITH THE FOLLOWING IN TO CONNECTION: NAME OF MANUFACTURE OR TRADEMARK OF CONNECTION'S MANUFACTURER, SIZE OR RATED LOAD, GRADE FOR ALLOY EYEBOLTS."
V3	1" DIA. ANCHOR CABLE-WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)
V4	1" DIA. ANCHOR CABLE-NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
W1	REFLECTOR	SEE SDD 15A4

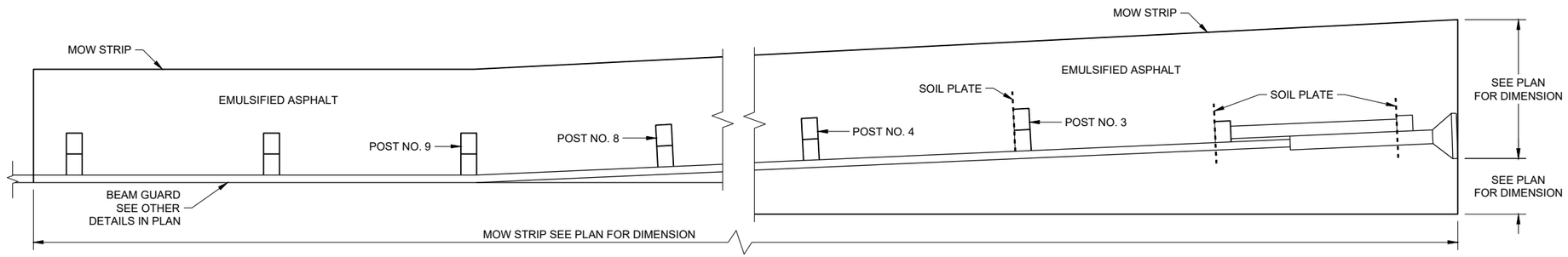
STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

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SDD 14B26 - 04h



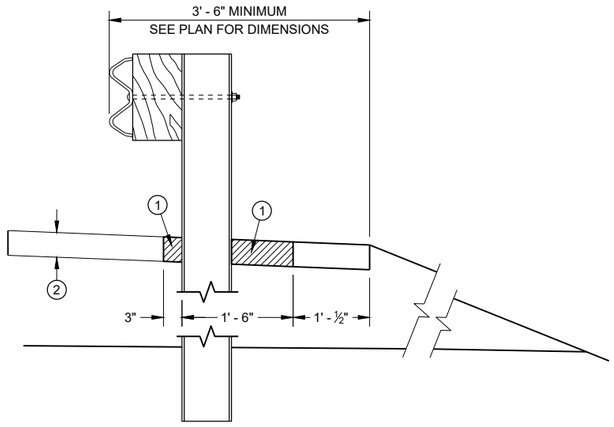
PLAN VIEW

MOW STRIP LAYOUT FOR ENERGY ABSORBING TERMINAL

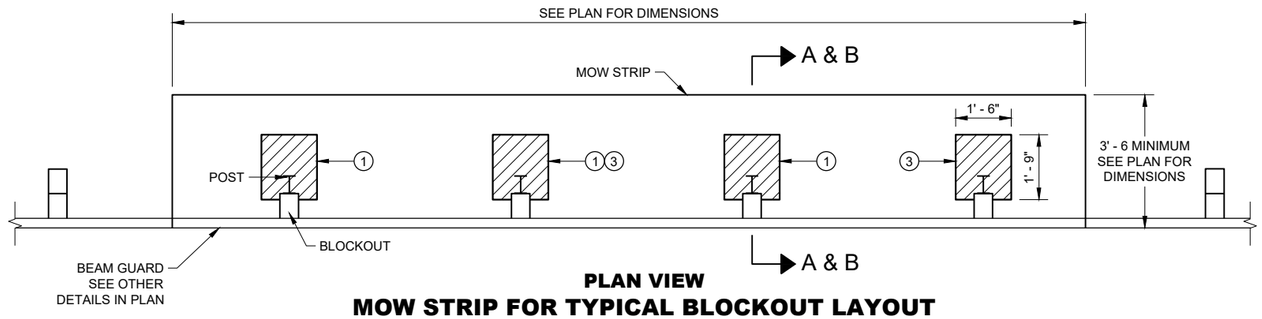
GENERAL NOTES

ONLY USE STEEL POSTS IN CONCRETE AND ASPHALT MOW STRIPS.

1. CONTROLLED LOW-STRENGTH BACKFILL OR EMULSIFIED ASPHALT.
2. DEPTH OF MOW STRIP:
   ASPHALT - 4"
   CONCRETE - 4"
   EMULSIFIED ASPHALT - 1" OR LESS
3. FOR EMULSIFIED ASPHALT, MOW STRIP STRIP LEAVE OUTS NOT REQUIRED. (TYPICAL FOR ALL POSTS)

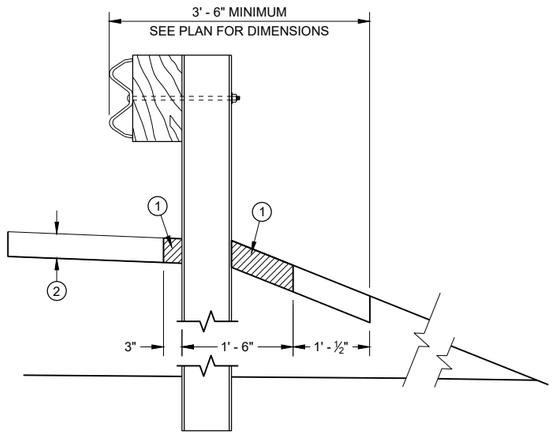


SECTION A - A

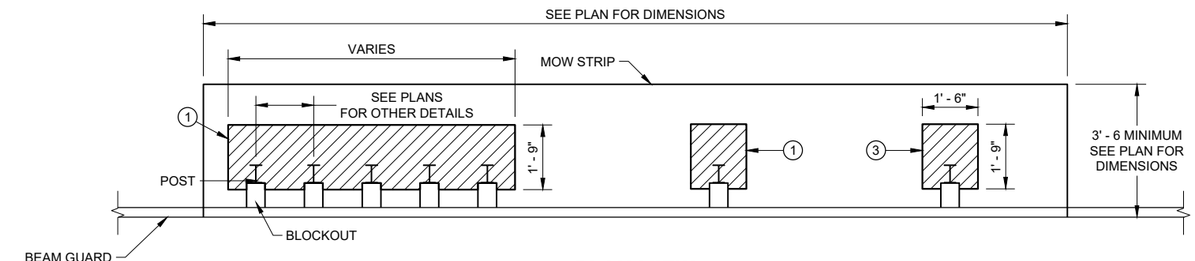


PLAN VIEW

MOW STRIP FOR TYPICAL BLOCKOUT LAYOUT

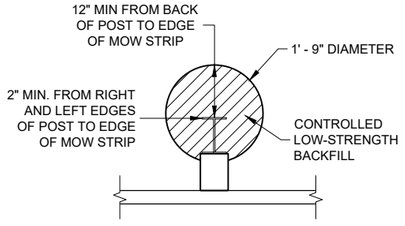


SECTION B - B

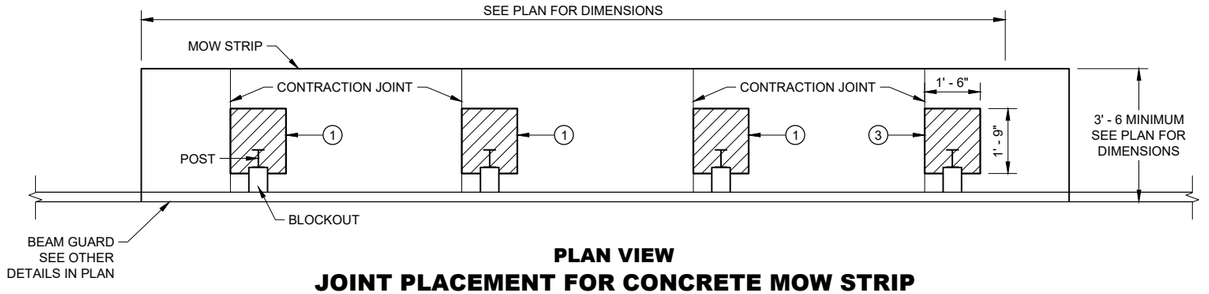


PLAN VIEW

MOW STRIP FOR TIGHT SPACING LAYOUT



ALTERNATIVE HMA MOW STRIP DESIGN



PLAN VIEW

JOINT PLACEMENT FOR CONCRETE MOW STRIP

GUARDRAIL MOW STRIP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B28 - 04a

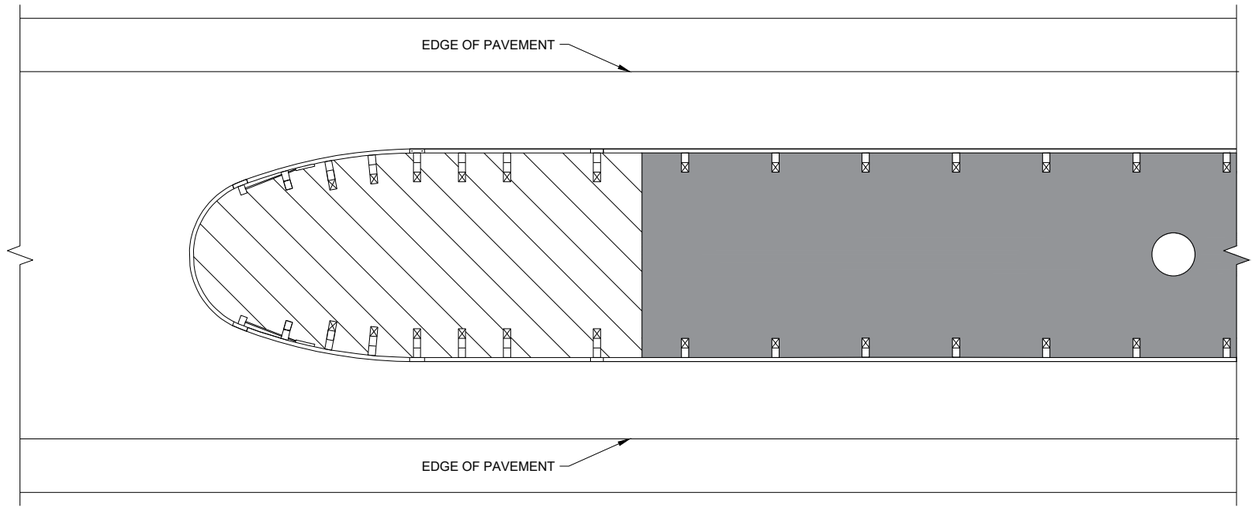
LEGEND

CONCRETE, ASPHALT, OR EMULSIFIED ASPHALT MOW STRIP (SEE OTHER DETAILS)

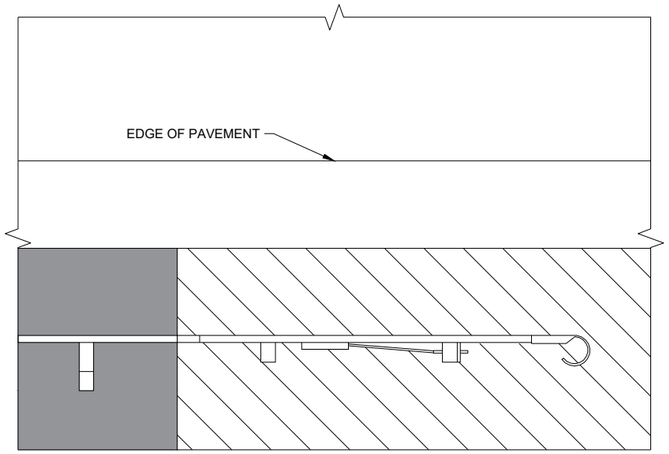
EMULSIFIED ASPHALT MOW STRIP (SEE OTHER DETAILS)

GENERAL NOTES

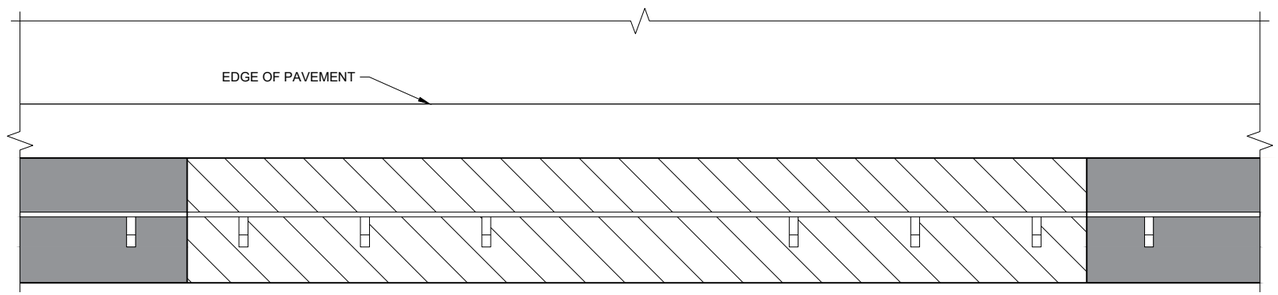
EXISTING THRIE BEAM BULLNOSES MAY HAVE WOOD POSTS. NEW THRIE BEAM BULLNOSE WILL HAVE STEEL POSTS.



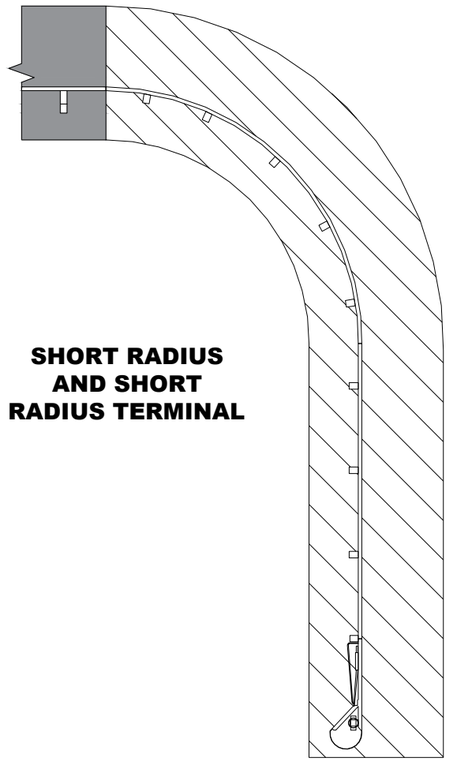
THRIE BEAM BULLNOSE



TYPE 2 TERMINAL



LONG - SPAN



SHORT RADIUS AND SHORT RADIUS TERMINAL

GUARDRAIL MOW STRIP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

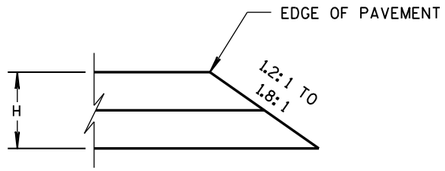
FHWA

6

SDD 14B28 - 04b

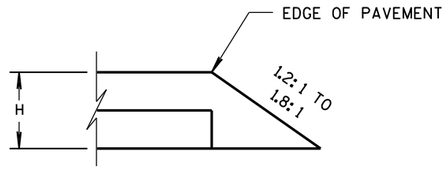
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SDD 14B28 - 04b



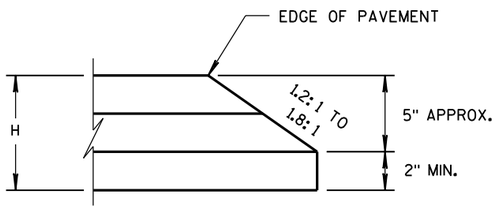
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



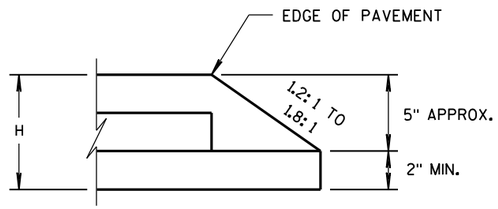
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

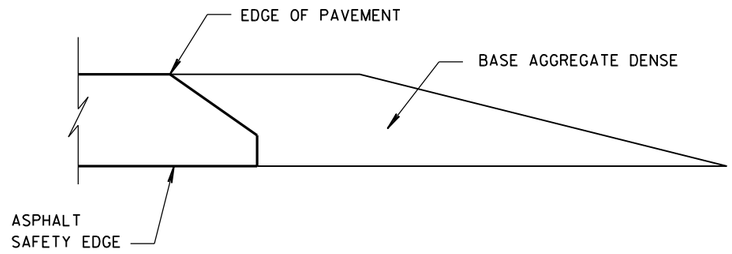
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

6

S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/2012
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

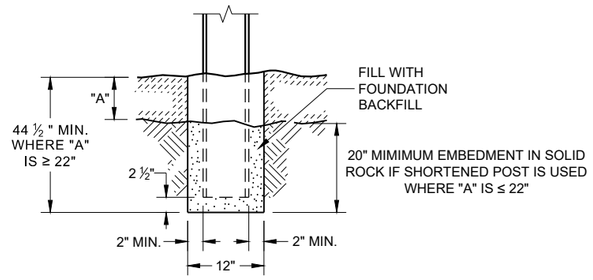
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

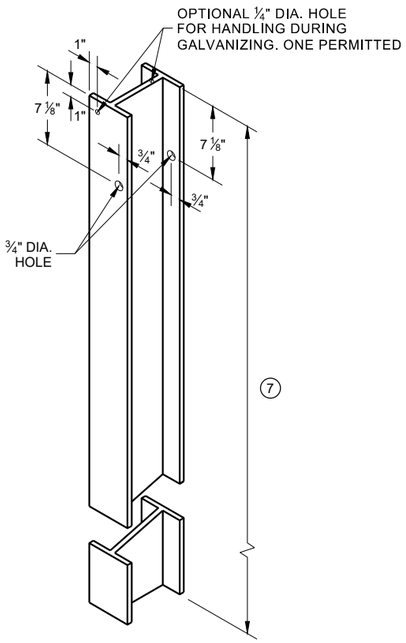
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

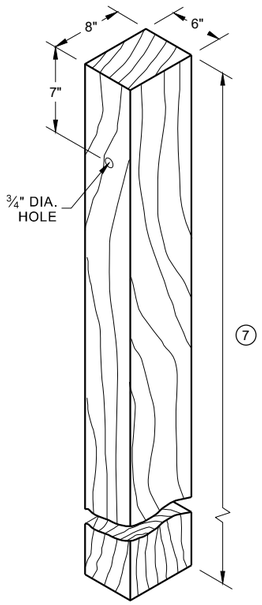
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



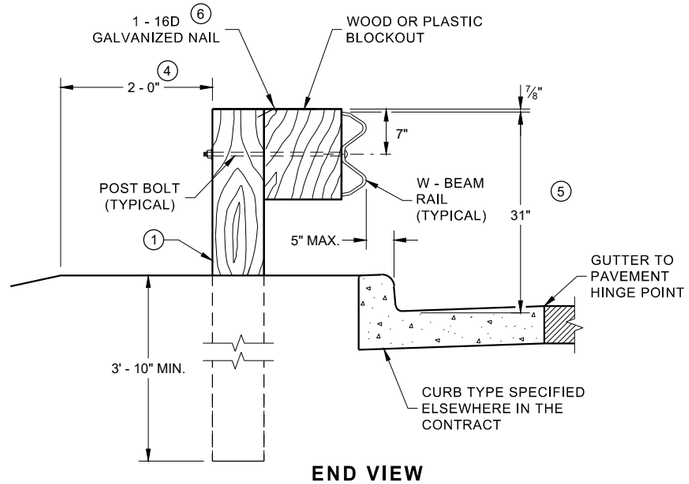
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



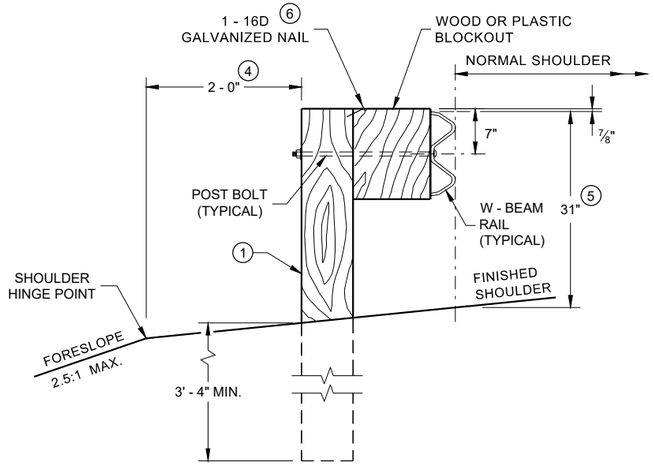
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



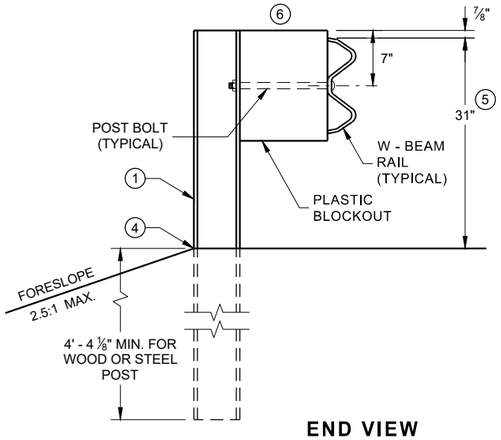
WOOD POST (6" X 8") NOMINAL (1)



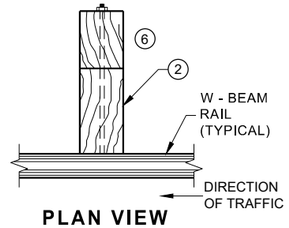
END VIEW
LOCATED ALONG A CURBED ROADWAY



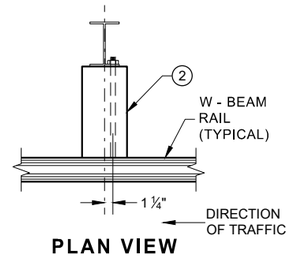
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



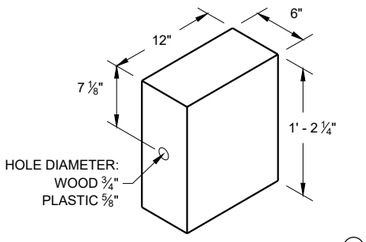
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM



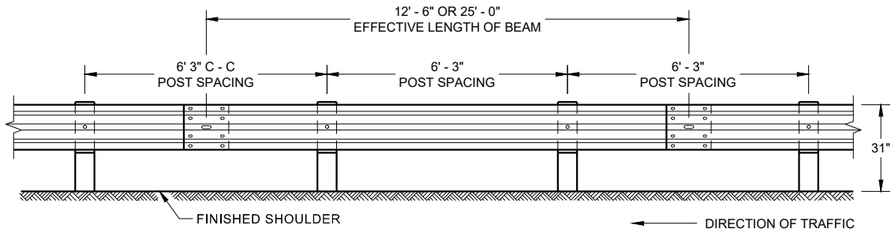
WOOD OR PLASTIC BLOCKOUT (2)

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

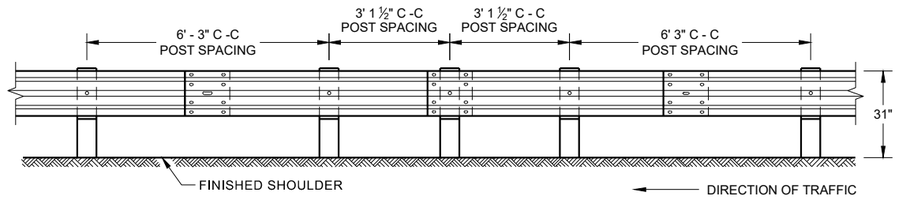
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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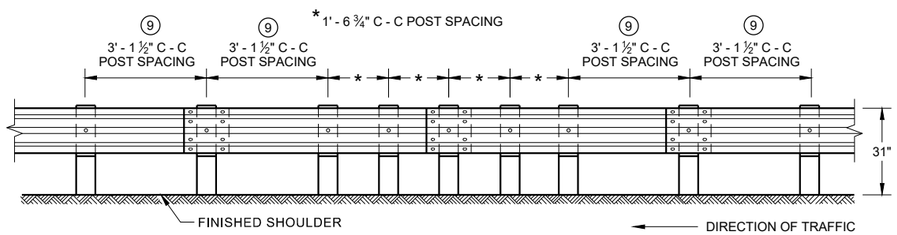
SDD 14B42 - 07a
SDD 14B42 - 07a



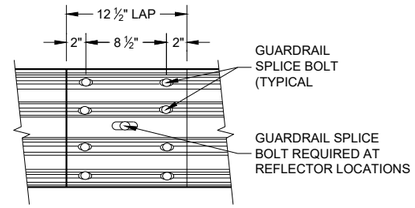
FRONT VIEW
POST SPACING STANDARD INSTALLATION



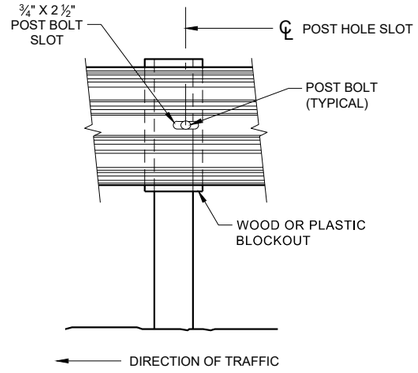
FRONT VIEW
HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)



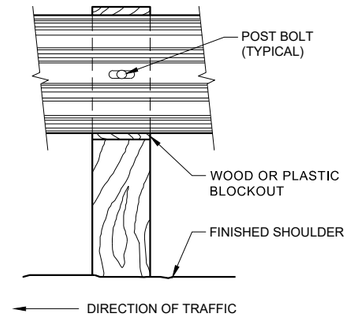
FRONT VIEW
QUARTER POST SPACING (QS)



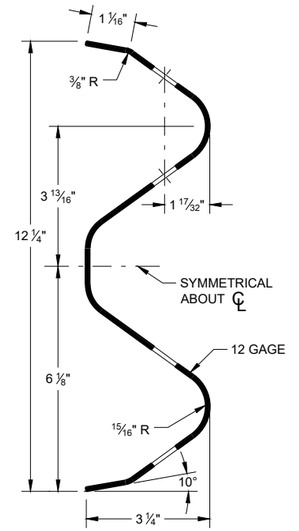
FRONT VIEW
MID-SPAN BEAM SPLICE



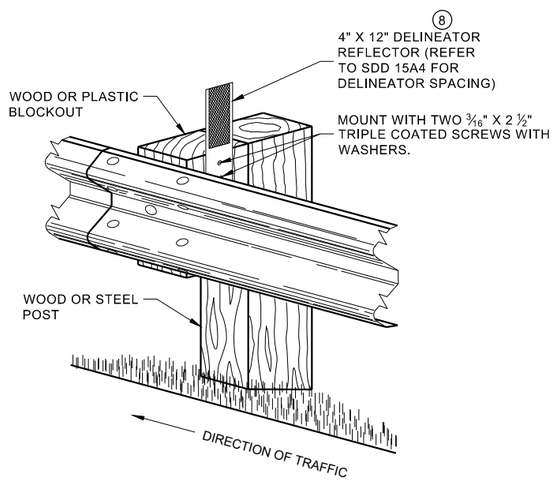
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

GENERAL NOTES

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

⑨ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

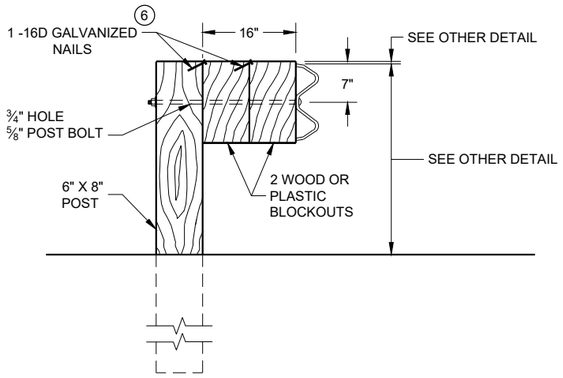
POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

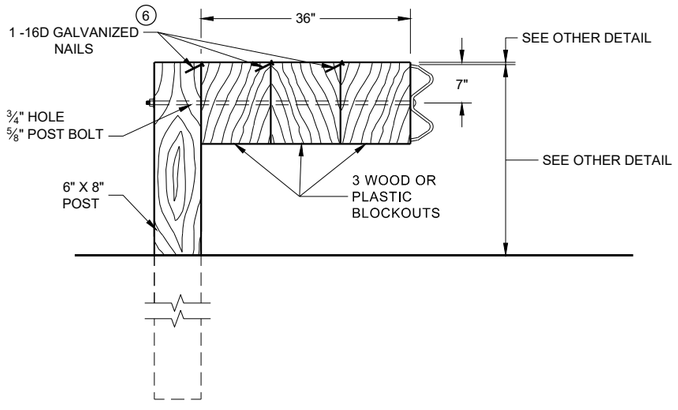
STATE OF WISCONSIN
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DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.



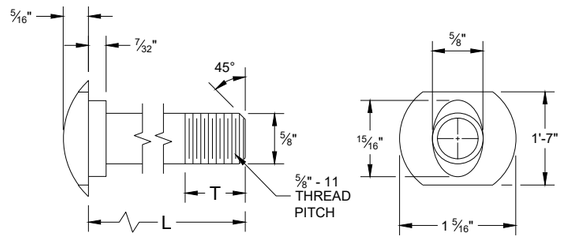
DETAIL FOR 36" BLOCKOUT DEPTH

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

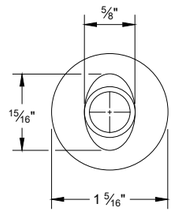
NOTE:

1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 3/16".
2. IF THE BOLT EXTENDS MORE THAN ¼" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

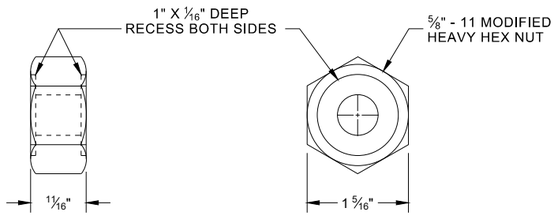


POST BOLT TABLE

L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1/16"
18"	4"
21"	4 1/16"
25"	4"

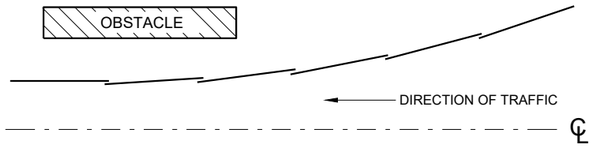


ALTERNATE BOLT HEAD

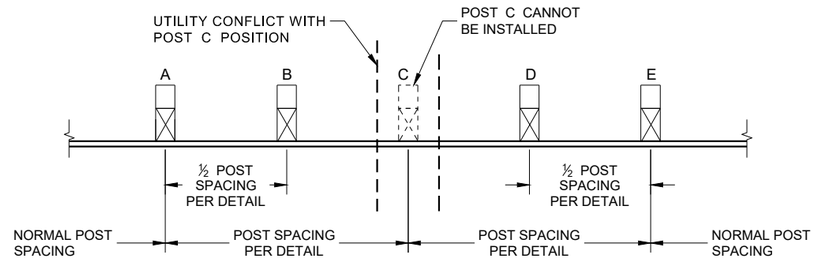


POST BOLT, SPLICE BOLT AND RECESS NUT

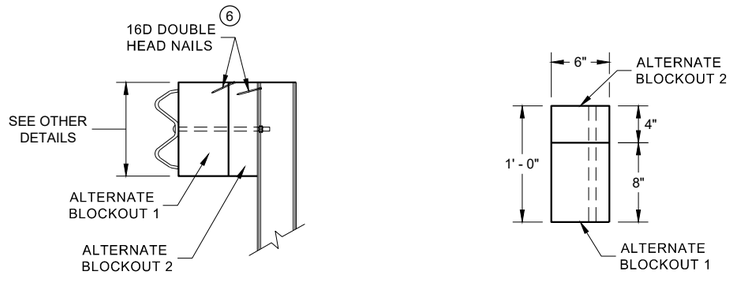
6 WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.



PLAN VIEW
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



SIDE VIEW

PLAN VIEW

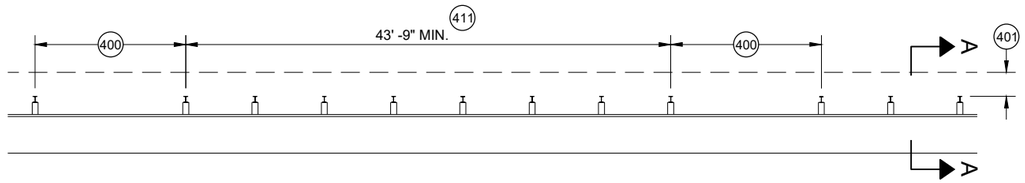
ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

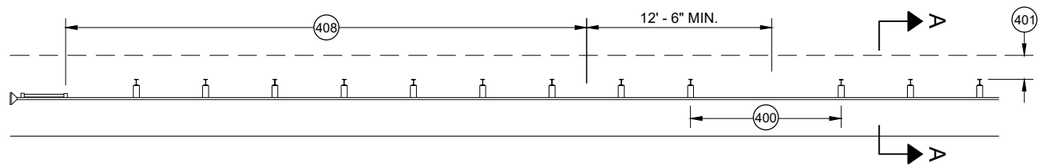
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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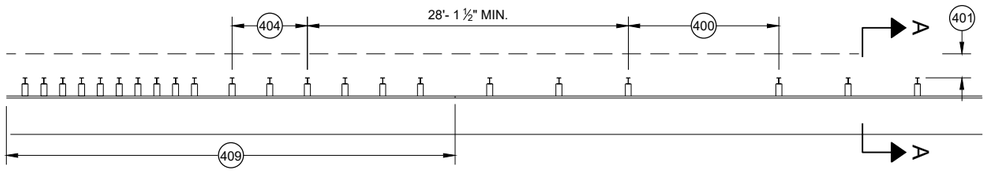
SDD 14B42 - 07c



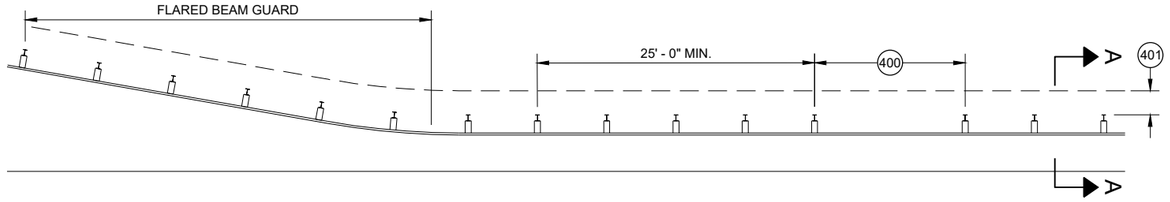
MISSING POST IN MGS GUARDRAIL



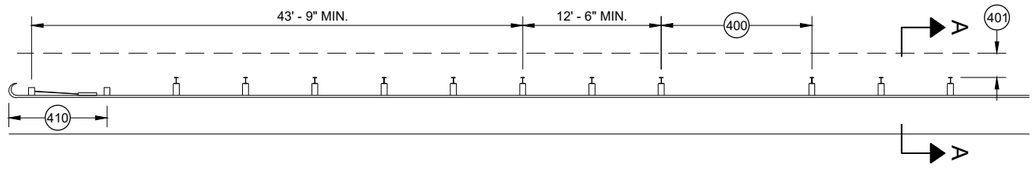
MISSING POST IN MGS GUARDRAIL NEAR EAT



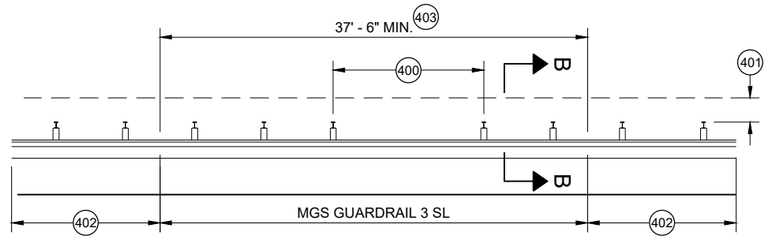
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

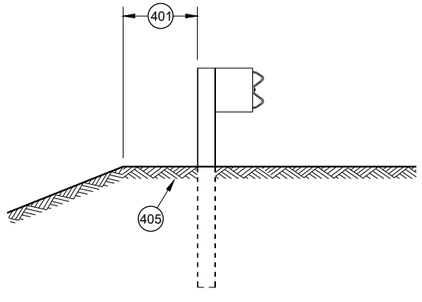


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

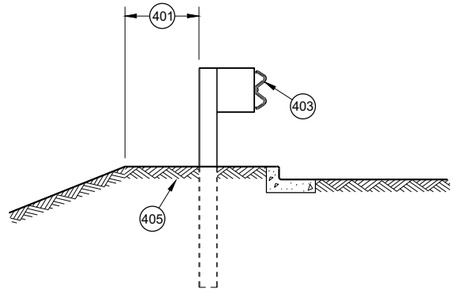


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(400) MAX SPAN 12' - 6"
(401) 2' MIN.
(402) MGS GUARDRAIL 3
(403) NESTING BEAM GUARD
(404) ASYMMETRIC TRANSITION
(405) SOIL WELL DRAINED AND COMPACTED
(406) SEE OTHER DRAWINGS IN THIS SDD
(407) SEE OTHER DRAWINGS FOR MIN. SPACING BETWEEN SPANS
(408) SEE SDD 14B44
(409) SEE SDD 14B45
(410) SEE SDD 14B47
(411) MINIMUM DISTANCE BETWEEN MISSING POST SPANS.



SECTION A - A 406



SECTION B - B 406

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

6

SDD 14B42 - 07d

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED

(C) DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.

(D) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.

(E) HARDWARE MAY VARY BETWEEN MANUFACTURER. SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

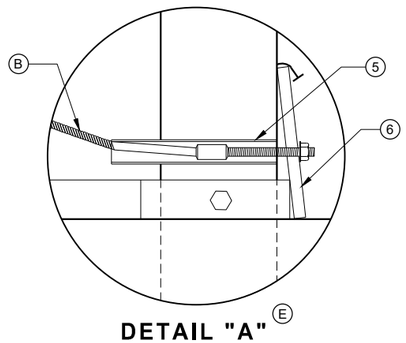
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

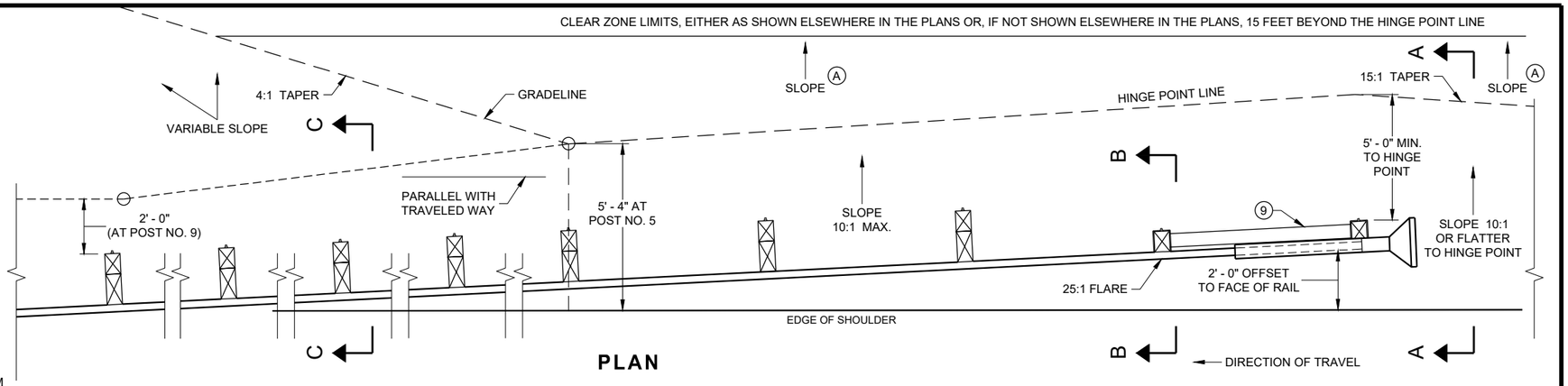
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

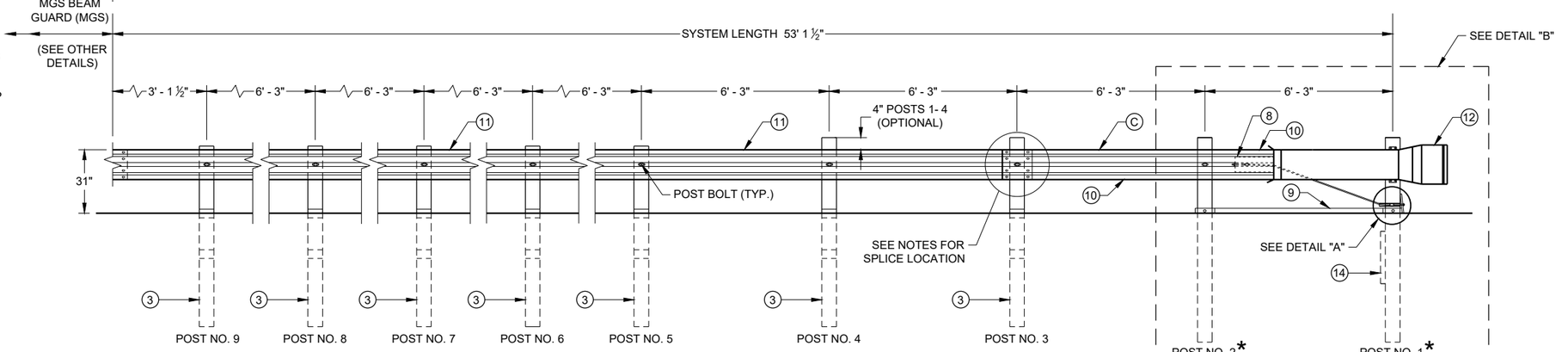
THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.



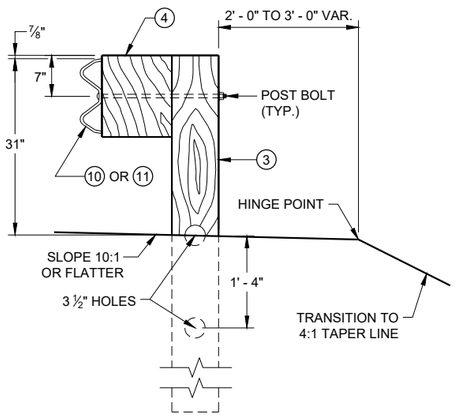
DETAIL "A" (E)



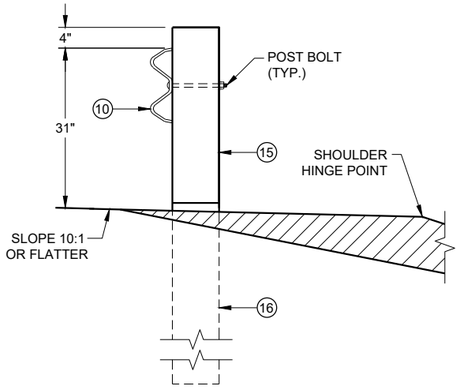
PLAN



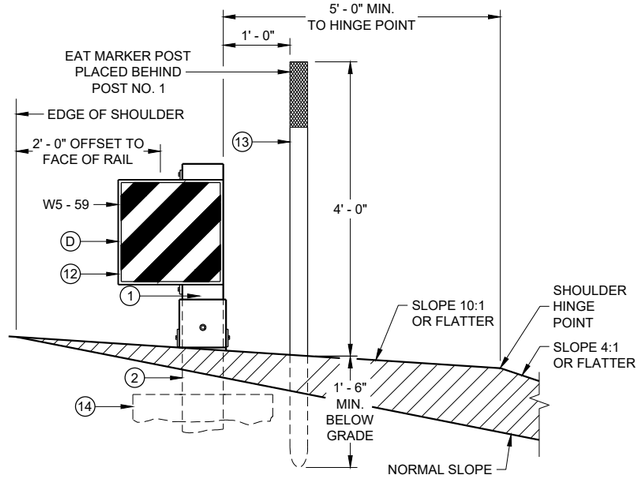
ELEVATION



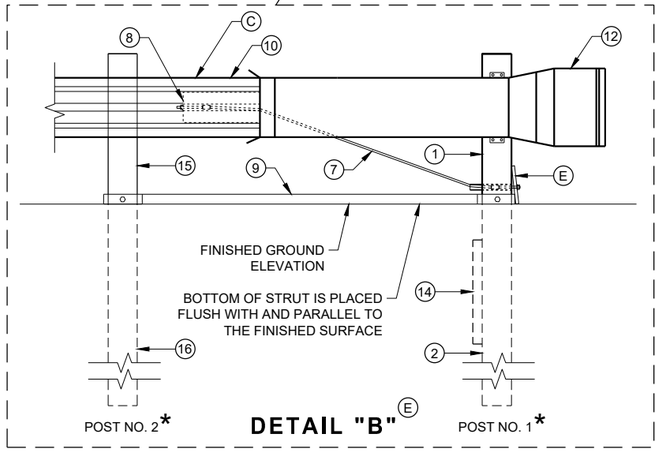
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*



DETAIL "B" (E)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

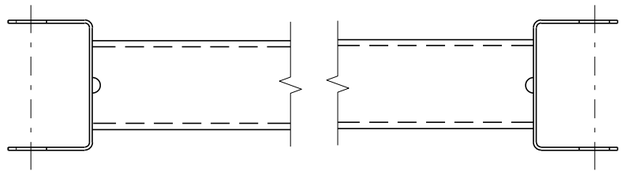
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B44 - 04a

SDD 14B44 - 04a

6

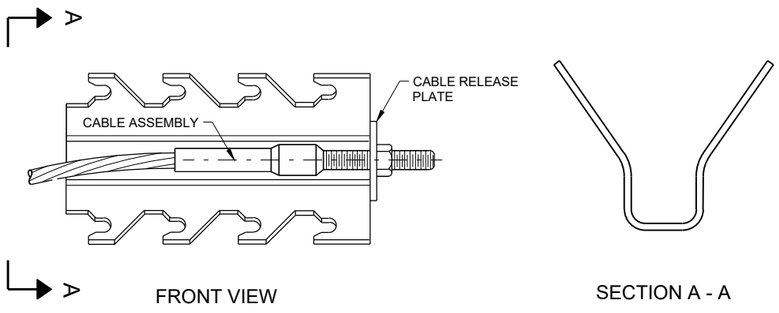
6



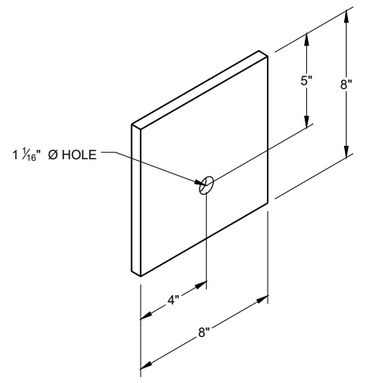
GENERIC GROUND STRUT ⑨ Ⓔ

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
①	UPPER POST NO. 1 6" X 6" TUBE
②	LOWER POST NO. 1
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
⑪	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
⑫	IMPACT HEAD
⑬	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
⑭	SOIL PLATE
⑮	UPPER POST NO. 2
⑯	LOWER POST NO. 2



GENERIC ANCHOR CABLE BOX ⑧ Ⓔ



BEARING PLATE ⑥ Ⓔ

6

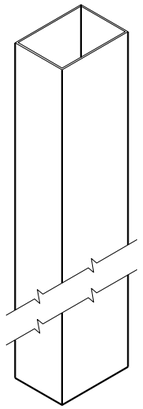
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SDD 14B44 - 04b

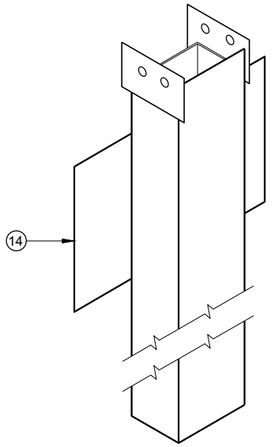
SDD 14B44 - 04b

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

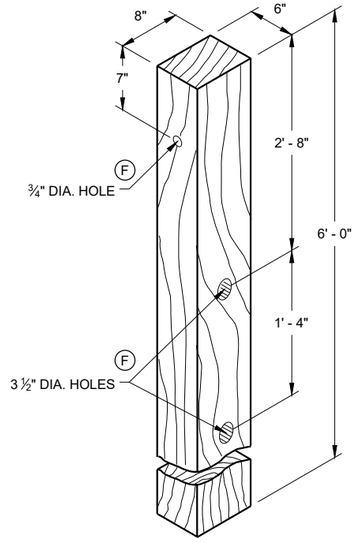
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



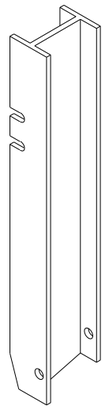
UPPER POST NO. 1 (1) (E)



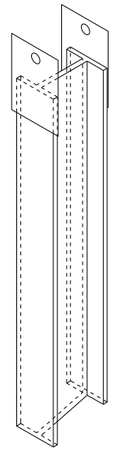
LOWER POST NO. 1 (2) (E)



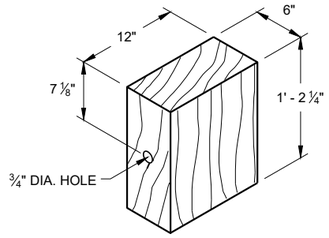
WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



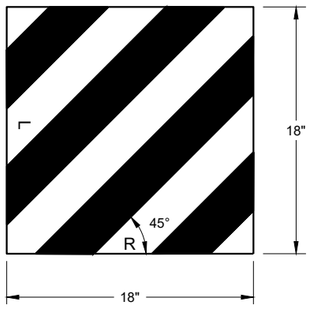
UPPER POST NO. 2 (15) (E)



LOWER POST NO. 2 (16) (E)

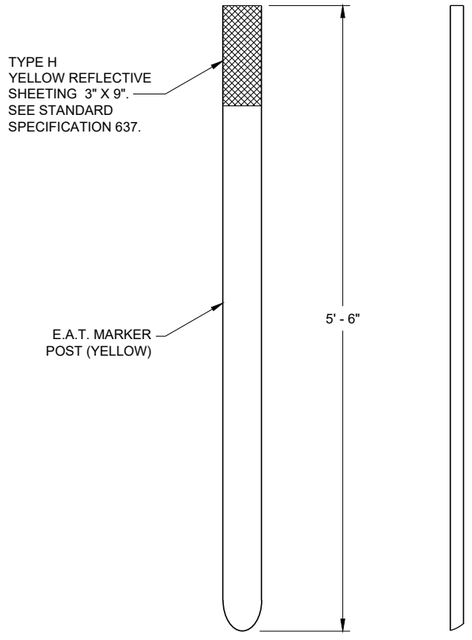


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



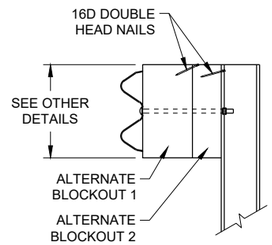
W5 - 59

REFLECTIVE SHEETING DETAIL (E)

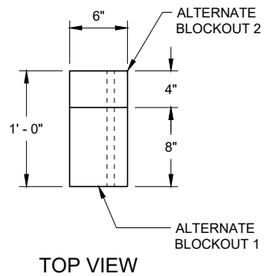


FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW



TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

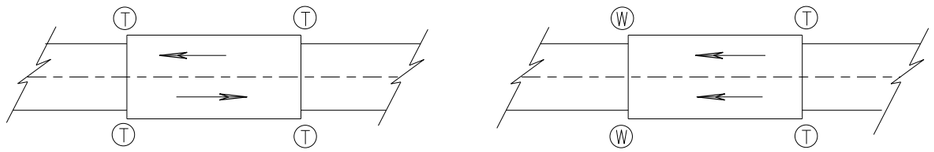
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

6

SDD 14B44 - 04c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

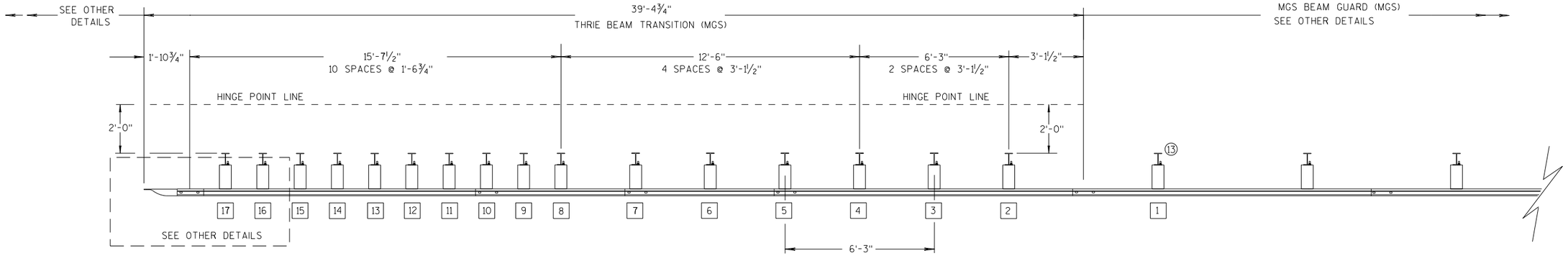
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

POST 2 THROUGH 17 USES STEEL POST ONLY

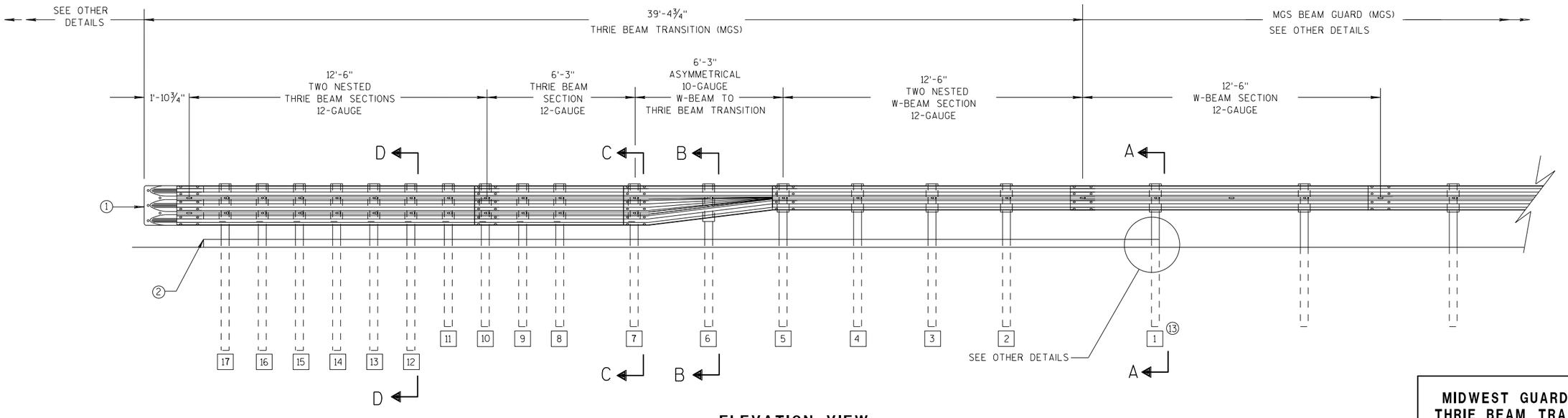
(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD14B42



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOF 361

6

S.D.D. 14 B 45-5a

6

S.D.D. 14 B 45-5a

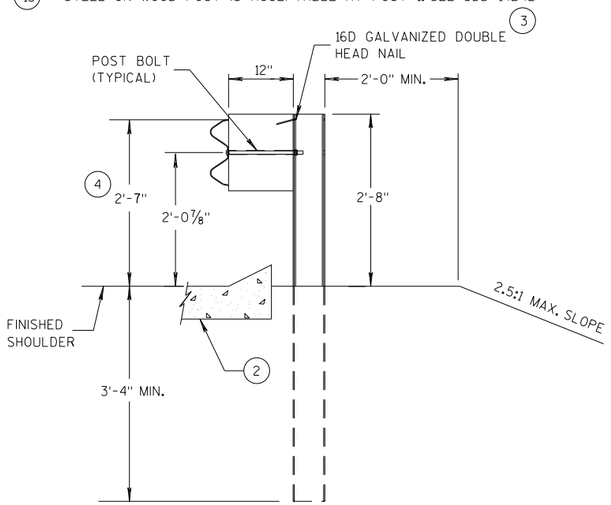
GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

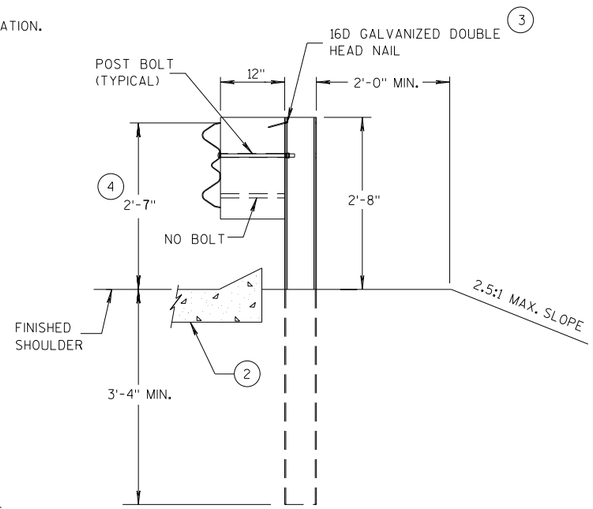
(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42



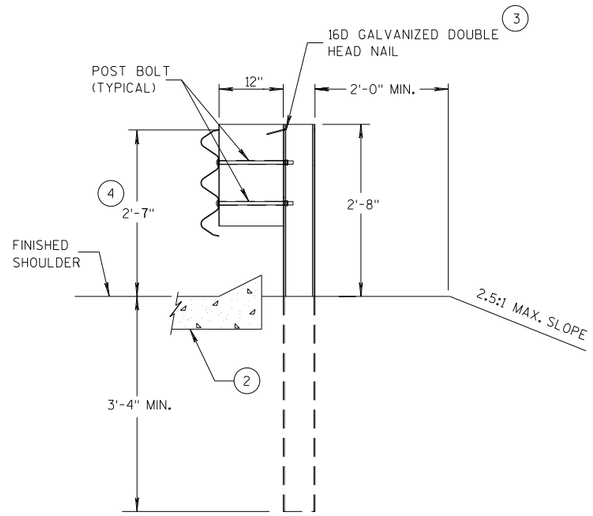
SECTION A-A (13)

POSTS 1-5



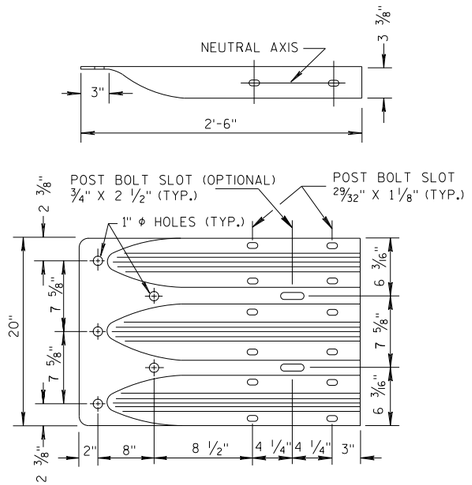
SECTION B-B

POST 6

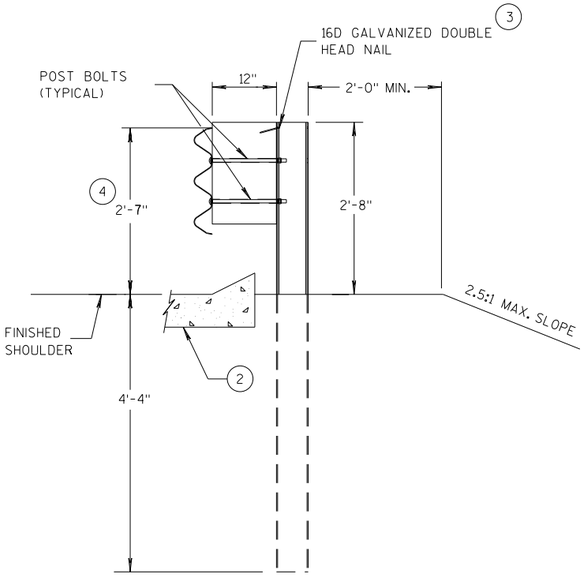


SECTION C-C

POSTS 7-11

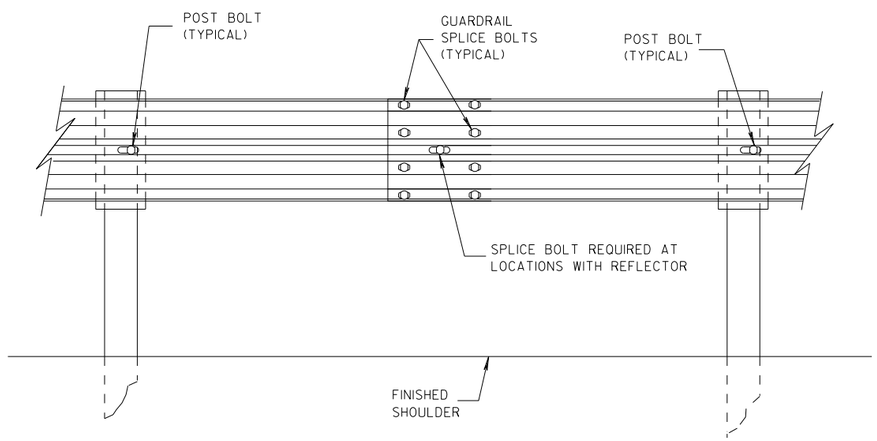


THRIE BEAM TERMINAL CONNECTOR



SECTION D-D

POSTS 12-17



SPLICE DETAIL

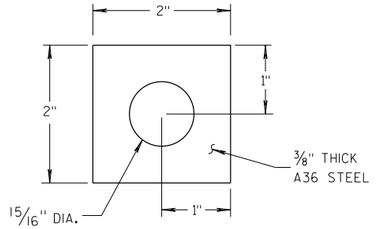
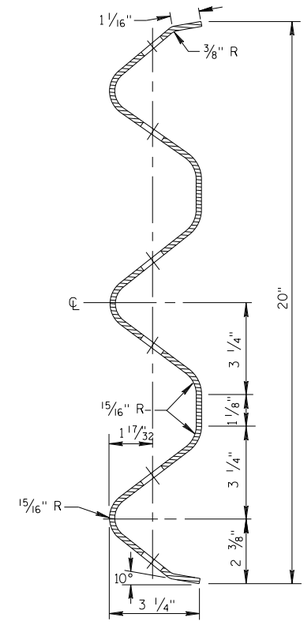


PLATE WASHER DETAIL



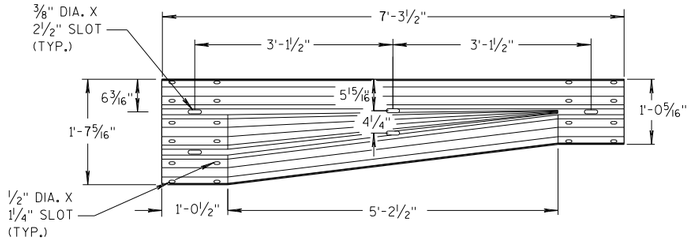
SECTION THRU THRIE BEAM RAIL ELEMENT

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

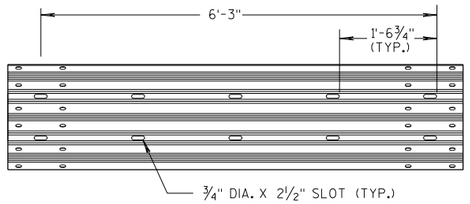
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOF

6

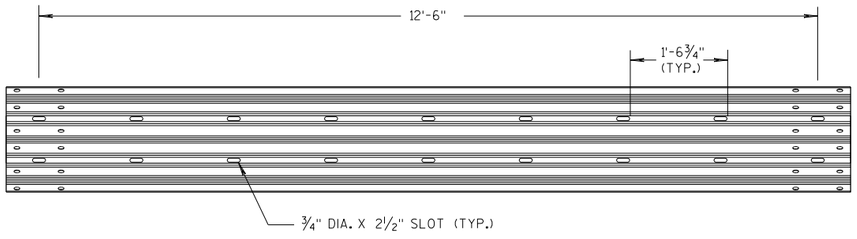
S.D.D. 14 B 45-5b



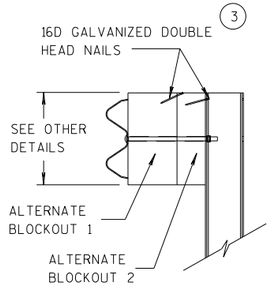
W-BEAM TO THRIE BEAM TRANSITION SECTION



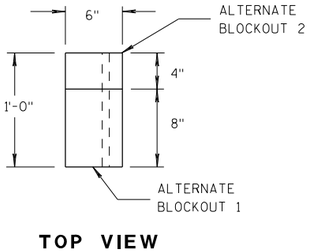
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

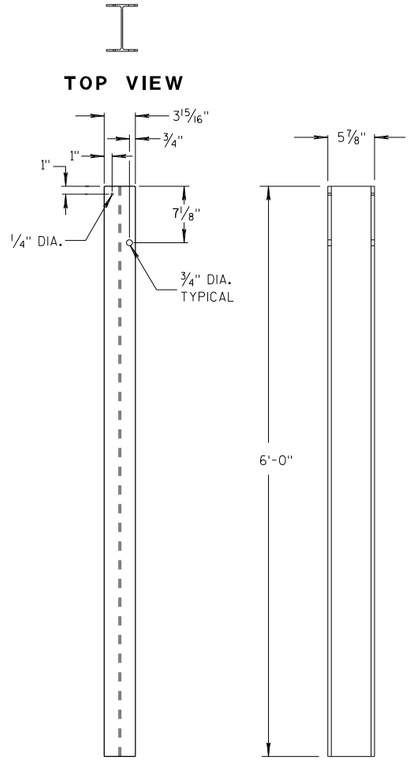


SIDE VIEW



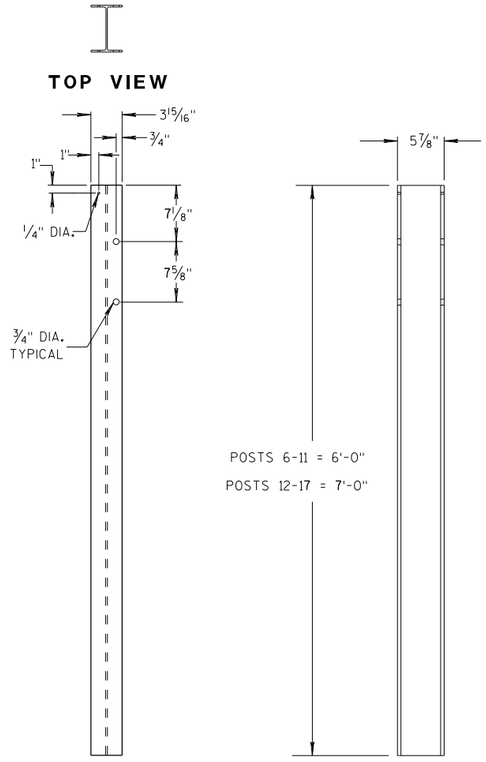
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL



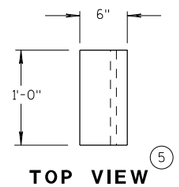
FRONT VIEW SIDE VIEW

STEEL POSTS 1-5 (13)

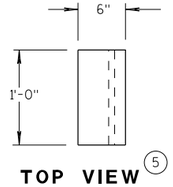


FRONT VIEW SIDE VIEW

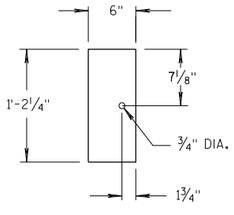
STEEL POSTS 6-17



TOP VIEW (5)

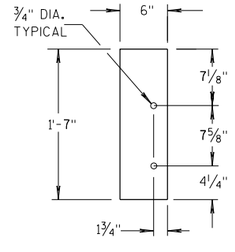


TOP VIEW (5)



FRONT VIEW

BLOCKOUT POSTS 1-5



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

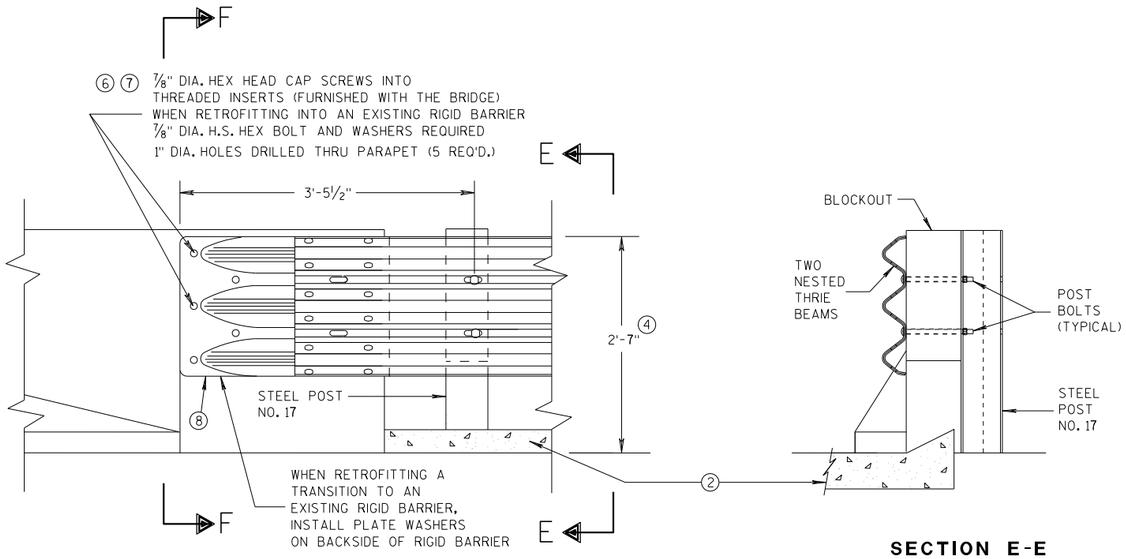
(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOF

6

S.D.D. 14 B 45-5c



FRONT VIEW

SECTION E-E

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

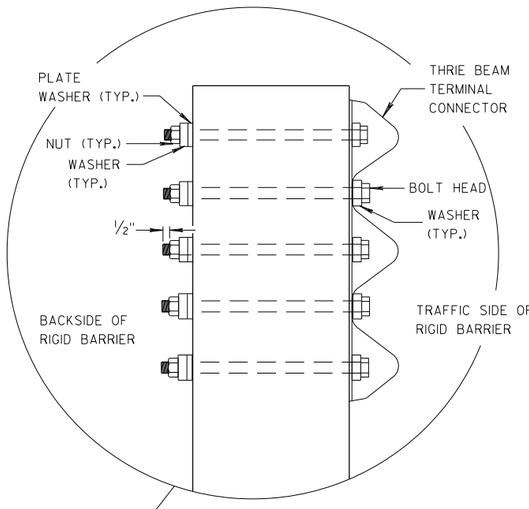
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

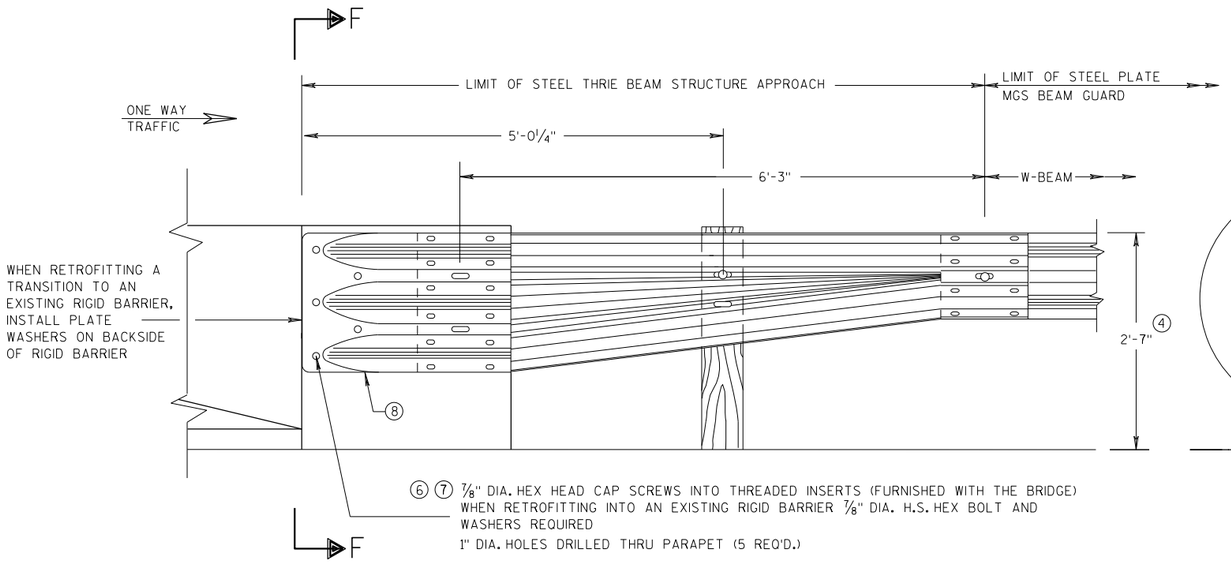
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

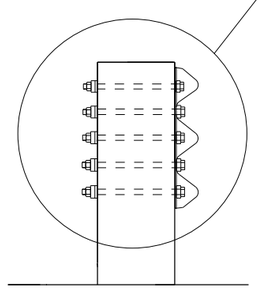
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

⑧ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

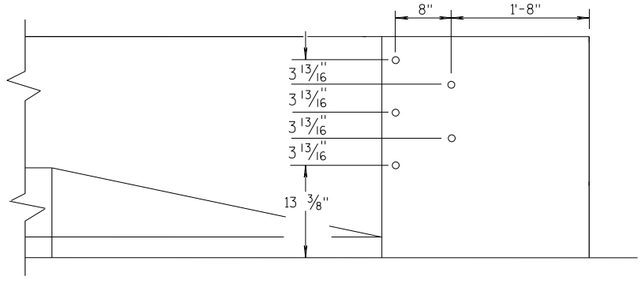




FRONT VIEW



SECTION F-F



DRILL HOLE LOCATION

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS D[illegible] UNIT SUPERVI[illegible]NT
FHWA

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GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

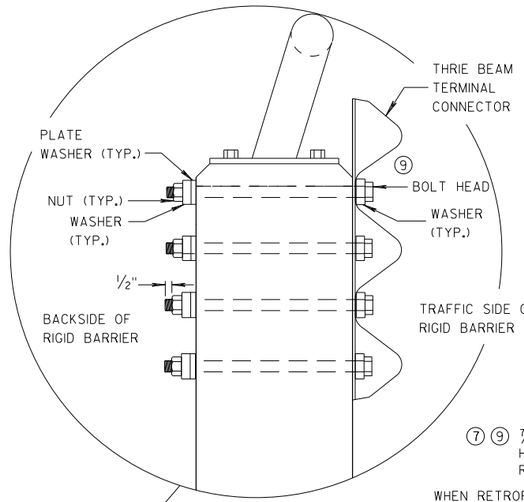
(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

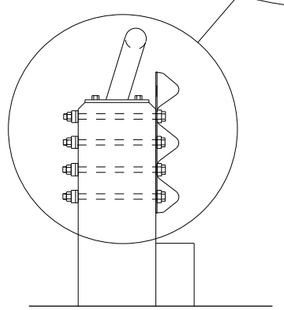
(6) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

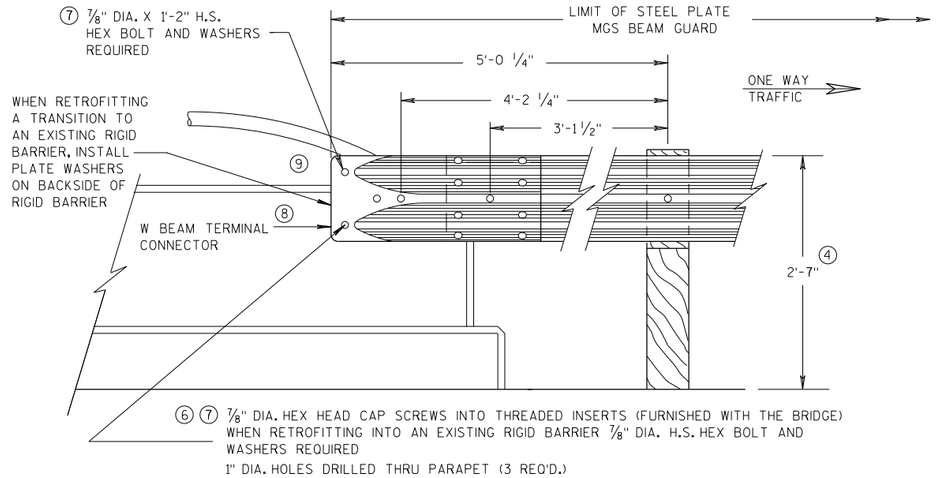
(8) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 ½".

(9) BOLT, NUT AND WASHERS NOT REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PAPAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE EDGE OF PARAPET.





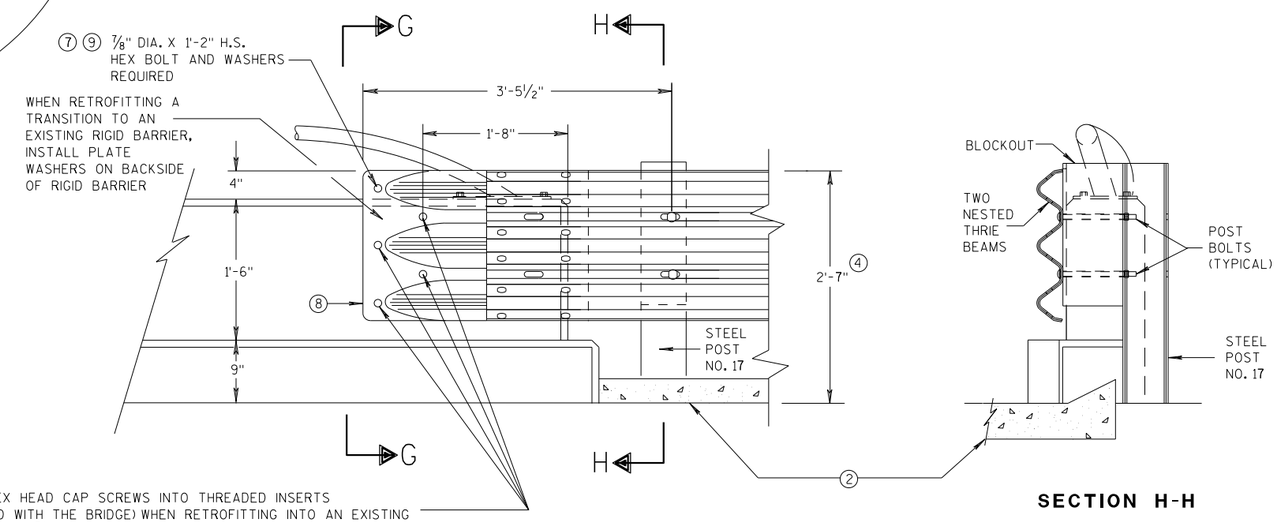
SECTION G-G



FRONT VIEW

W BEAM CONNECTION TO VERTICAL FACE PARAPET

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)



FRONT VIEW

SECTION H-H

THRIE BEAM CONNECTION TO VERTICAL FACED PARAPETS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

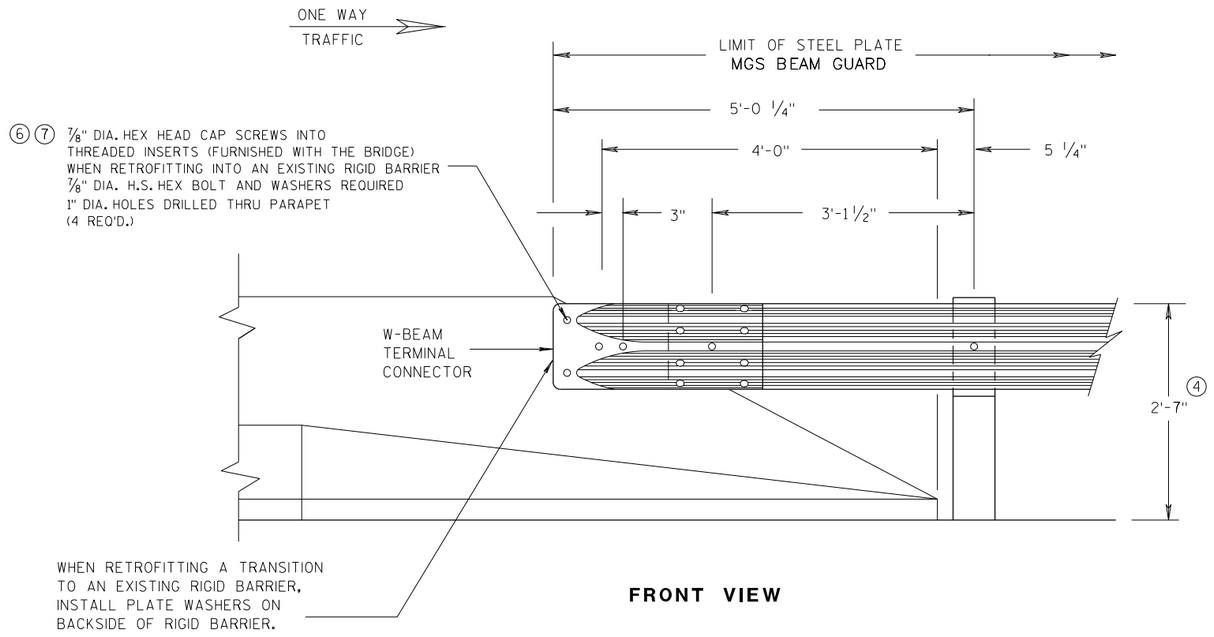
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NT
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S.D.D. 14 B 45-5e



FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

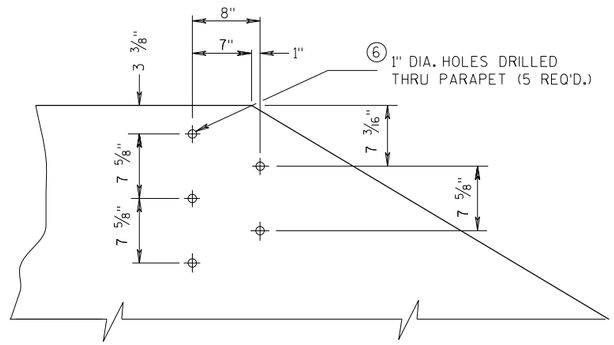
GENERAL NOTES

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

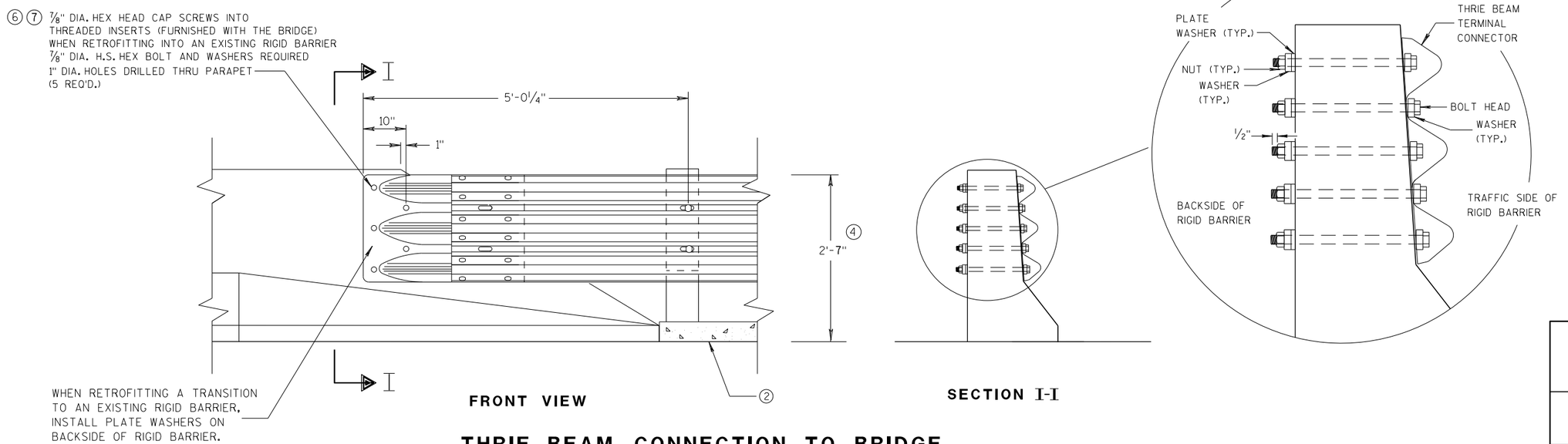
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

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DRILL HOLE LOCATION AND PATTERN FOR THRIE BEAM CONNECTION



FRONT VIEW

SECTION I-I

THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

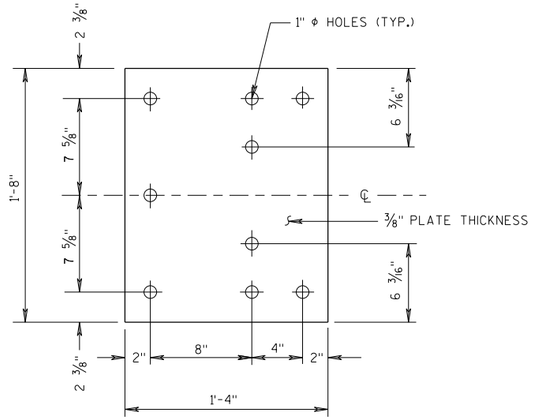
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/S/ Rodney Taylor
ROADWAY STANDARDS [illegible] UNIT SUPERVI[illegible]ENT
FHWA

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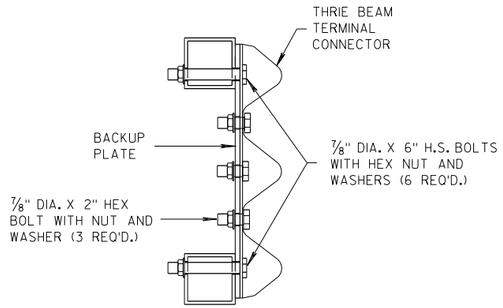
S.D.D. 14 B 45-5f

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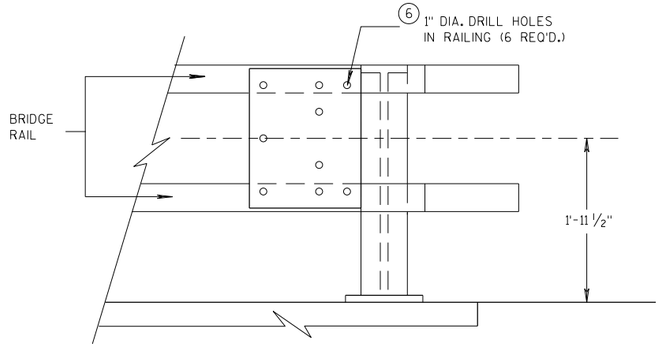
S.D.D. 14 B 45-5f



BACK-UP PLATE DETAIL



SECTION J-J

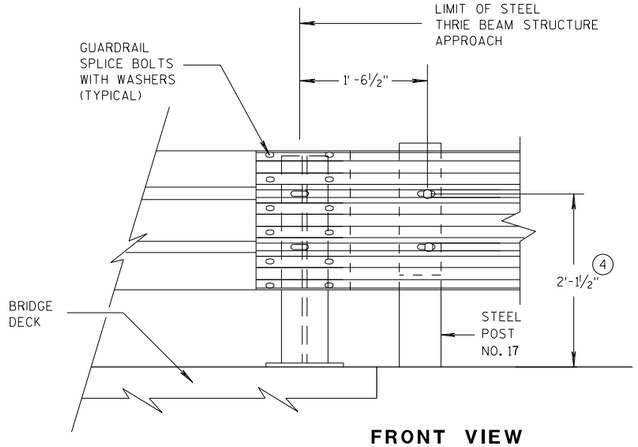


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

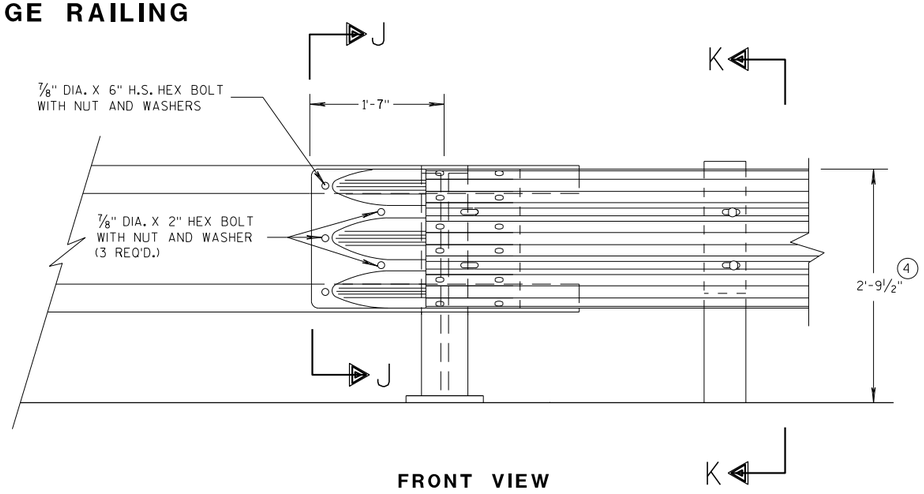
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

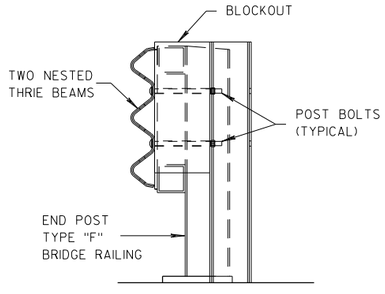


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 07/2018 — DATE
FHWA

/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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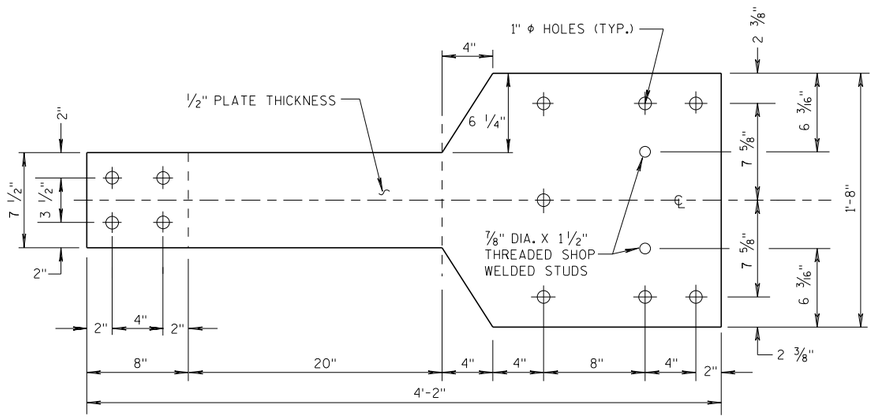
S.D.D. 14 B 45-5g

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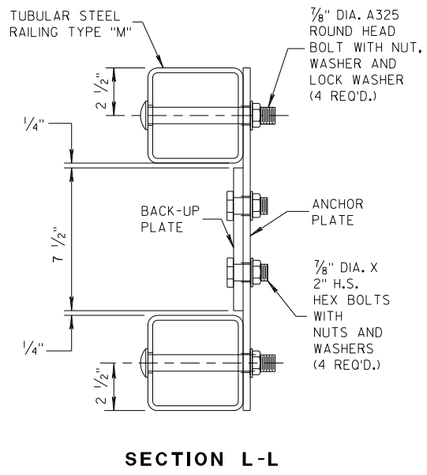
S.D.D. 14 B 45-5g

GENERAL NOTES

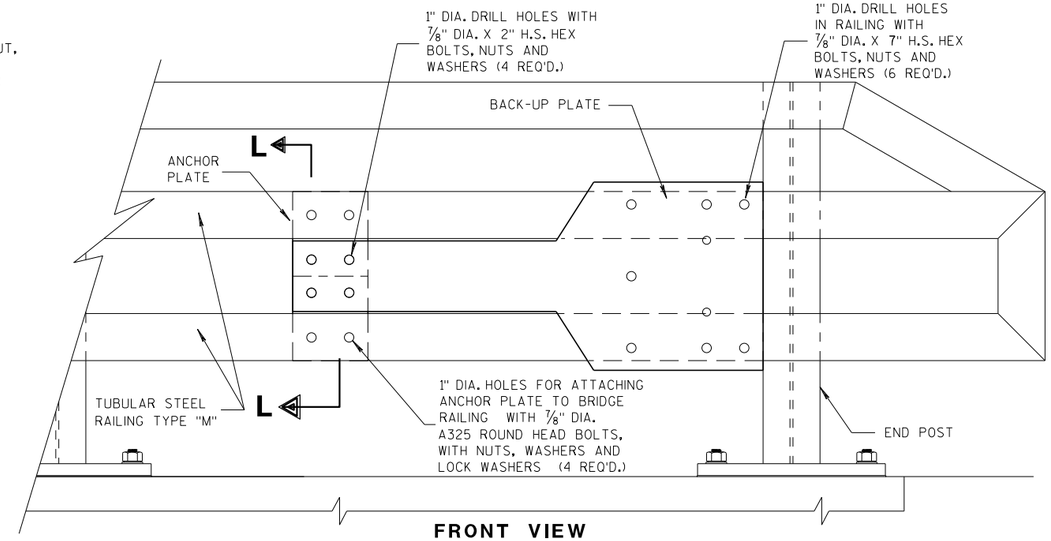
(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".



FRONT VIEW

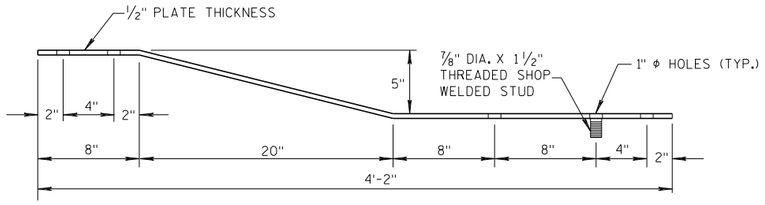


SECTION L-L



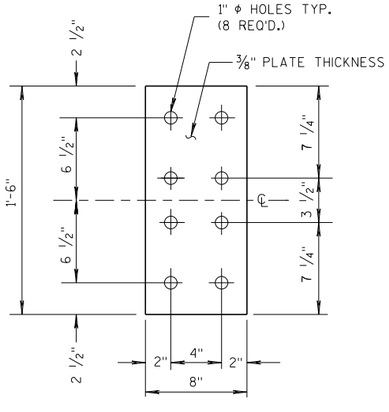
FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"



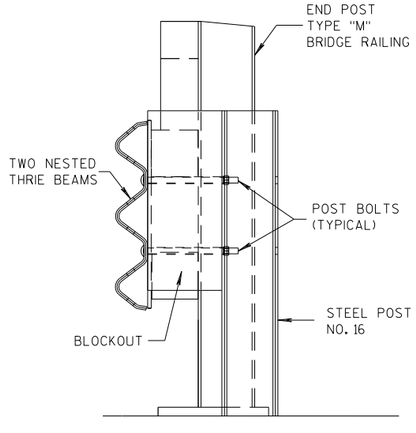
PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

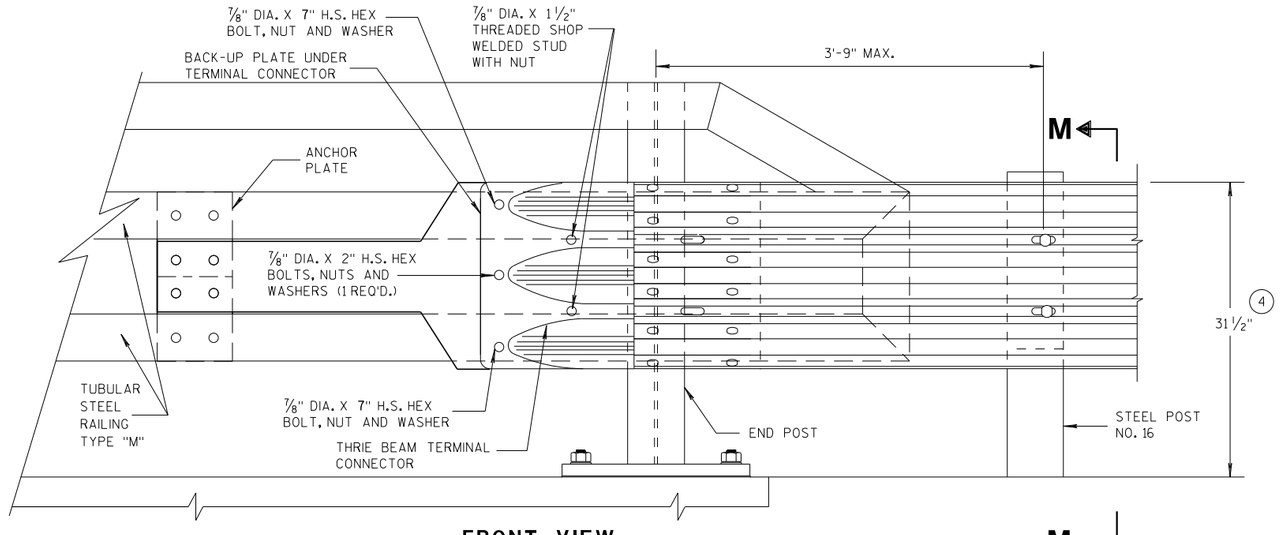


FRONT VIEW

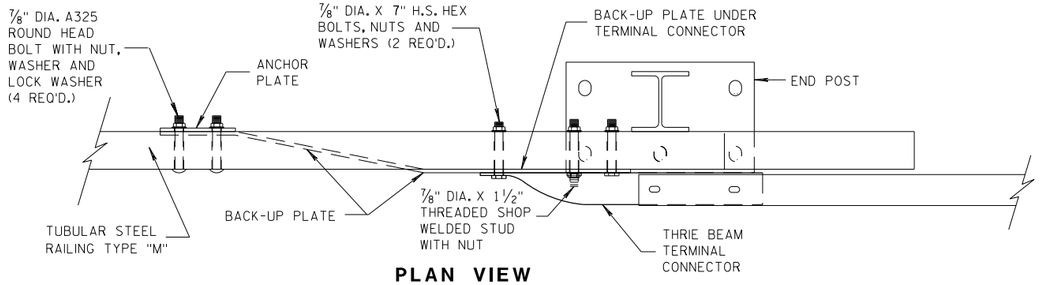
ANCHOR PLATE DETAIL, TYPE "M"



SECTION M-M



FRONT VIEW



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

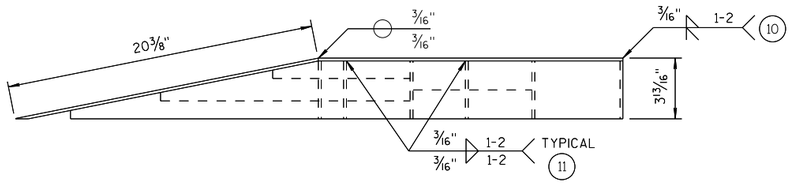
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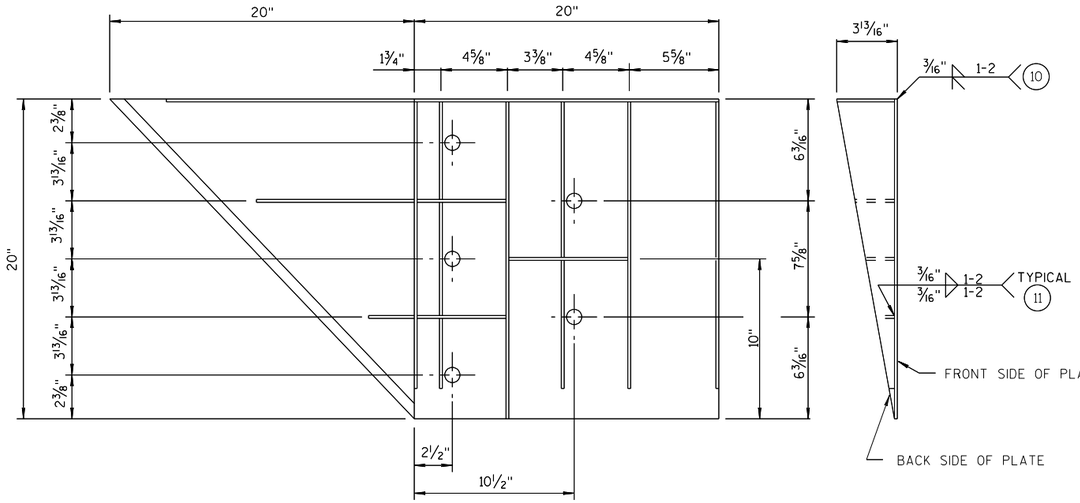
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S.D.D. 14 B 45-5h

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S.D.D. 14 B 45-5h





WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

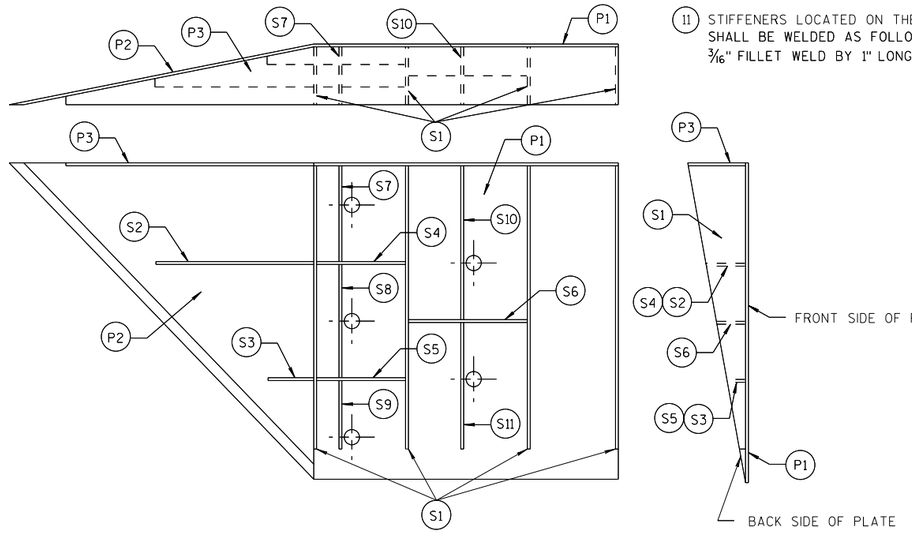


PLATE AND STIFFENER IDENTIFICATION

(VIEWED FROM BACK SIDE OF PLATE)

GENERAL NOTES

COVER PLATE PANELS ARE 3/16" THICK.

ALL STIFFENERS ARE 1/4" THICK.

CONNECTOR PLATE SHALL BE FABRICATED FROM ASTM GRADE A36 STEEL AND GALVANIZED.

FOR GALVANIZED REQUIREMENTS, SEE SECTION 614 OF THE STANDARD SPECIFICATIONS.

ALL HOLE DIAMETERS SHALL BE 1".

FOR OPPOSITE SIDE INSTALLATION MIRROR DRAWINGS.

(10) STIFFENERS LOCATED AT THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS:
SINGLE BEVEL GROOVE WELD ON EXTERNAL SIDES AND 3/16" FILLET WELD BY 1" LONG SPACED AT 2" ON INTERNAL SIDES.

(11) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
3/16" FILLET WELD BY 1" LONG SPACED AT 2".

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)

PLATE	QUANTITY	SHAPE	SIZE (A x B x C x D)	THICKNESS
P1	1		20" x 20"	3/16"
P2	1		20" x 20" x 28 9/16"	3/16"
P3	1		39" x 3 5/8" x 20" x 19 5/16"	3/16"
S1	4		18 7/16" x 3 5/8" x 18 3/4"	1/4"
S2	1		10 1/4" x 2 7/16" x 10 3/8" x 1/2"	1/4"
S3	1		3" x 1 1/16" x 3 1/8" x 1/2"	1/4"
S4	1		6 1/8" x 2 7/16"	1/4"
S5	1		6 1/8" x 1 1/16"	1/4"
S6	1		7 3/4" x 1 3/4"	1/4"
S7	1		2 9/16" x 6" x 3 5/8" x 5 7/8"	1/4"
S8	1		1 5/32" x 7 1/2" x 2 1/2" x 7 3/8"	1/4"
S9	1		6 1/16" x 6 3/16" x 1 3/32"	1/4"
S10	1		1 7/8" x 9 7/8" x 3 5/8" x 9 11/16"	1/4"
S11	1		8 1/2" x 8 3/4" x 1 13/16"	1/4"

SINGLE SLOPE CONNECTION PLATE

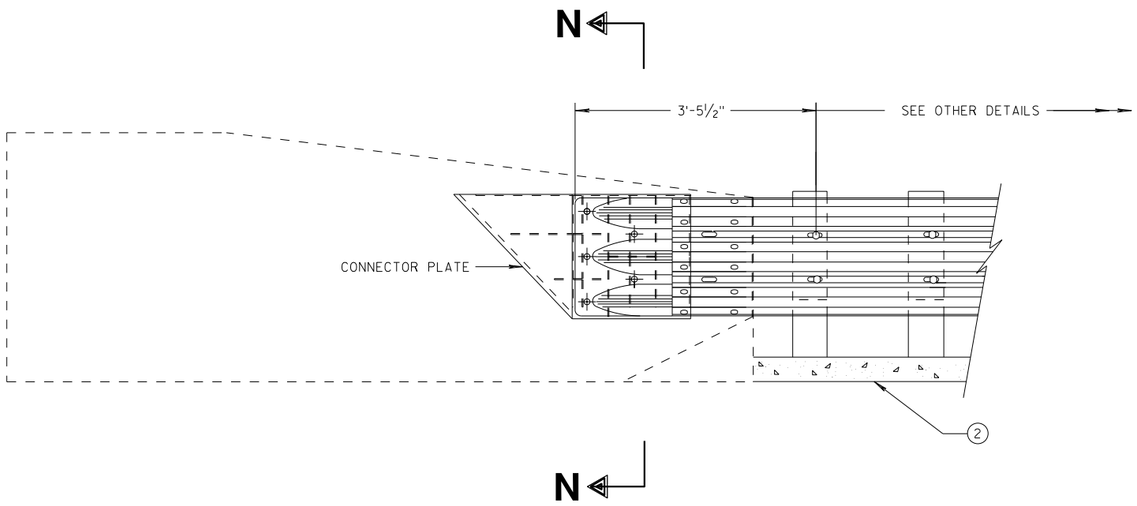
MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

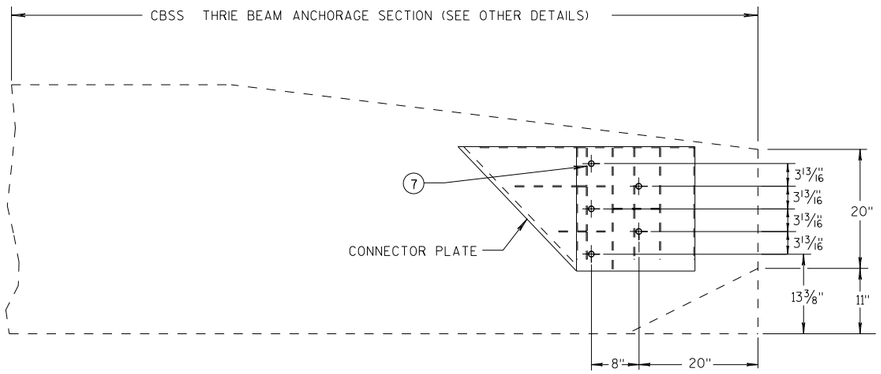
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7/2018
DATE
FHWA

/S/ Rodney Taylor
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UNIT SUPERVI

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S.D.D. 14 B 45-5i



THRIE BEAM CONNECTION TO SINGLE SLOPE BARRIER



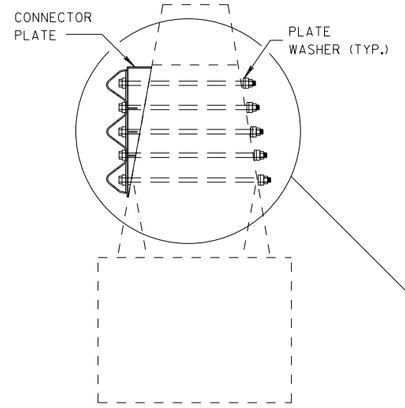
SINGLE SLOPE CONNECTION PLATE PLACEMENT

GENERAL NOTES

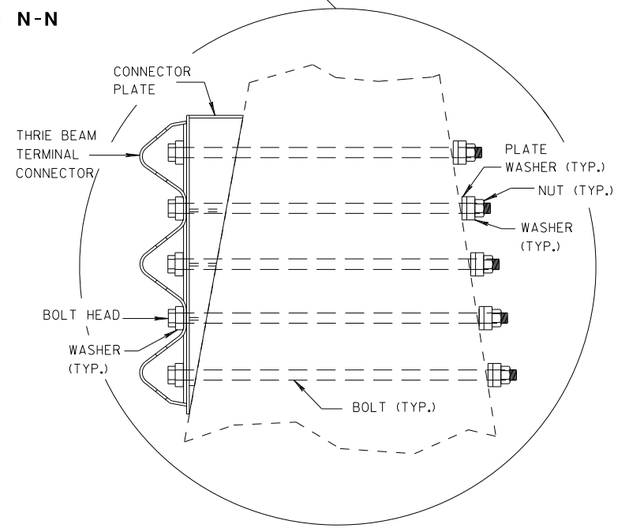
CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



SECTION N-N



MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
FHWA

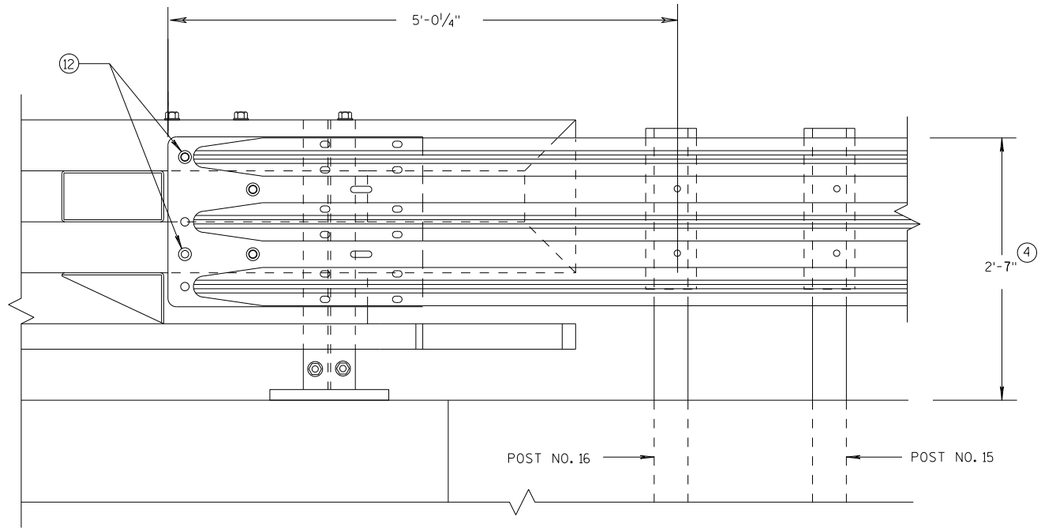
/S/ Rodney Taylor
ROADWAY STANDARDS DI UNIT SUPERVIS

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S.D.D. 14 B 45-5j

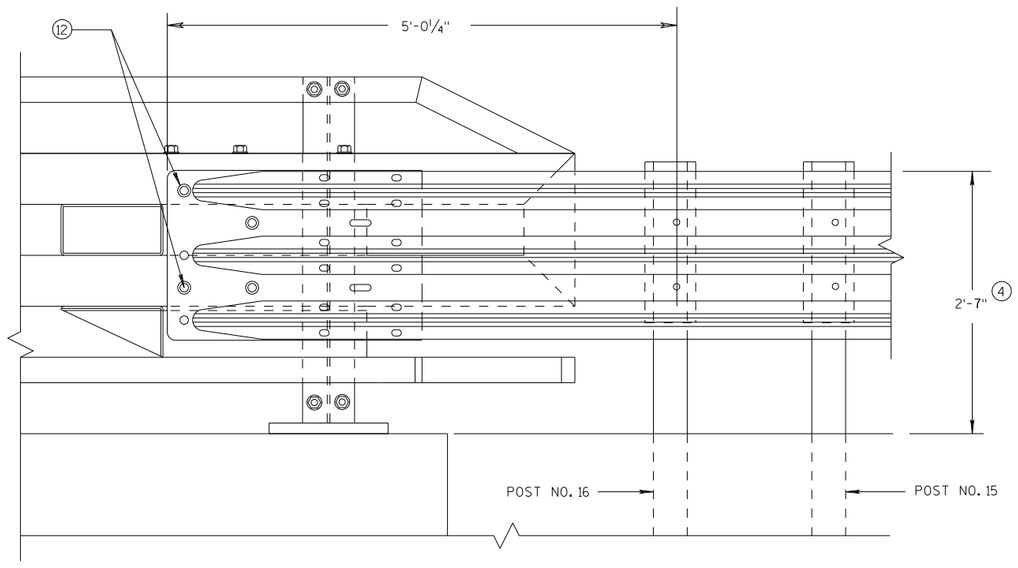
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S.D.D. 14 B 45-5j



ELEVATION OF DETAIL AT NY3 END POST

THRIE BEAM RAIL ATTACHMENT



ELEVATION OF DETAIL AT NY4 END POST

THRIE BEAM RAIL ATTACHMENT

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

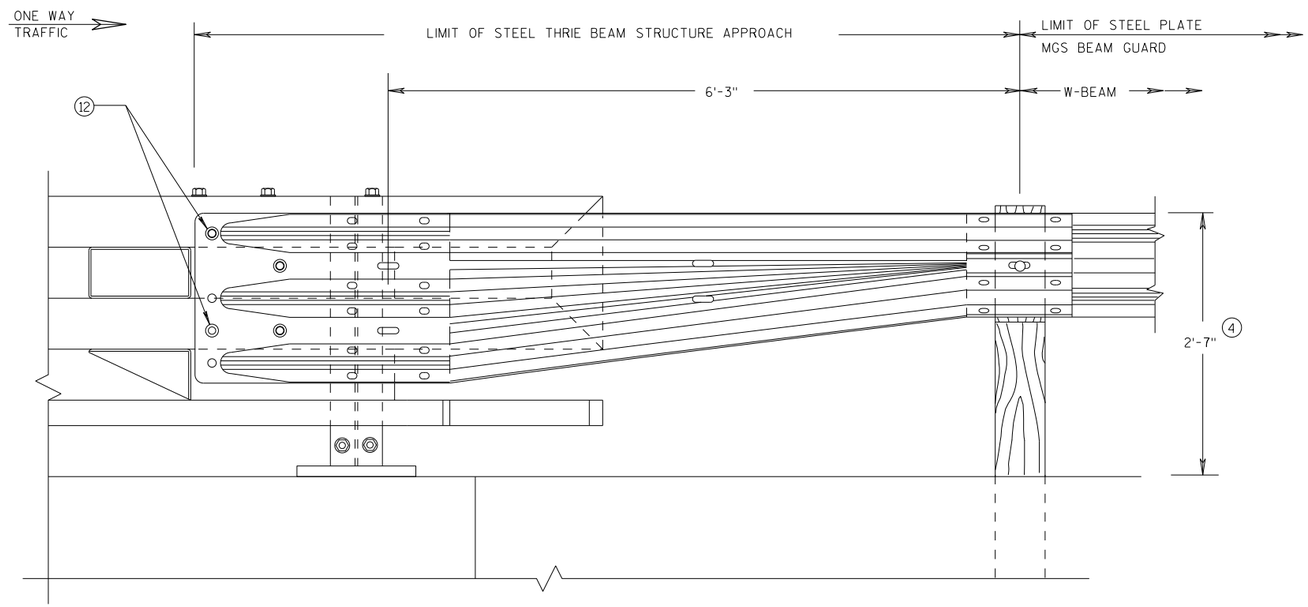
APPROVED
7/2018
DATE
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UNIT SUPERVIS
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S.D.D. 14 B 45-5k

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S.D.D. 14 B 45-5k



FRONT VIEW

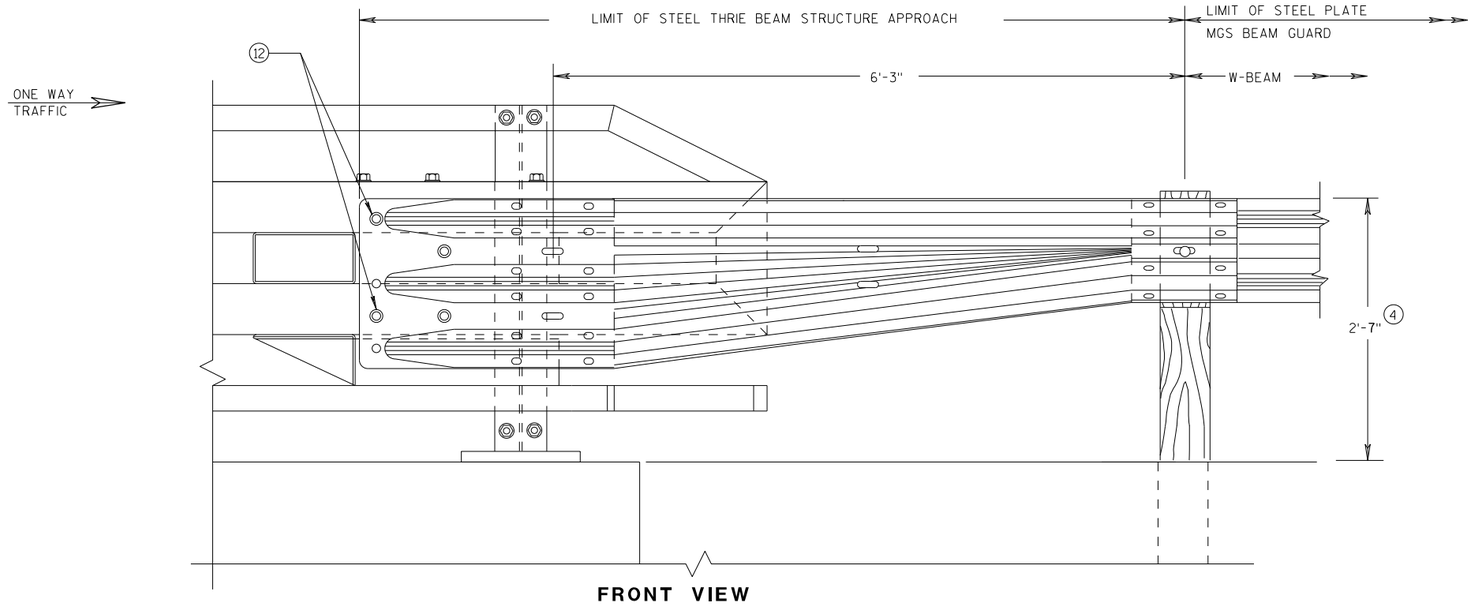
W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY3"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.



FRONT VIEW

W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY4"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS D
UNIT SUPERVIS

372

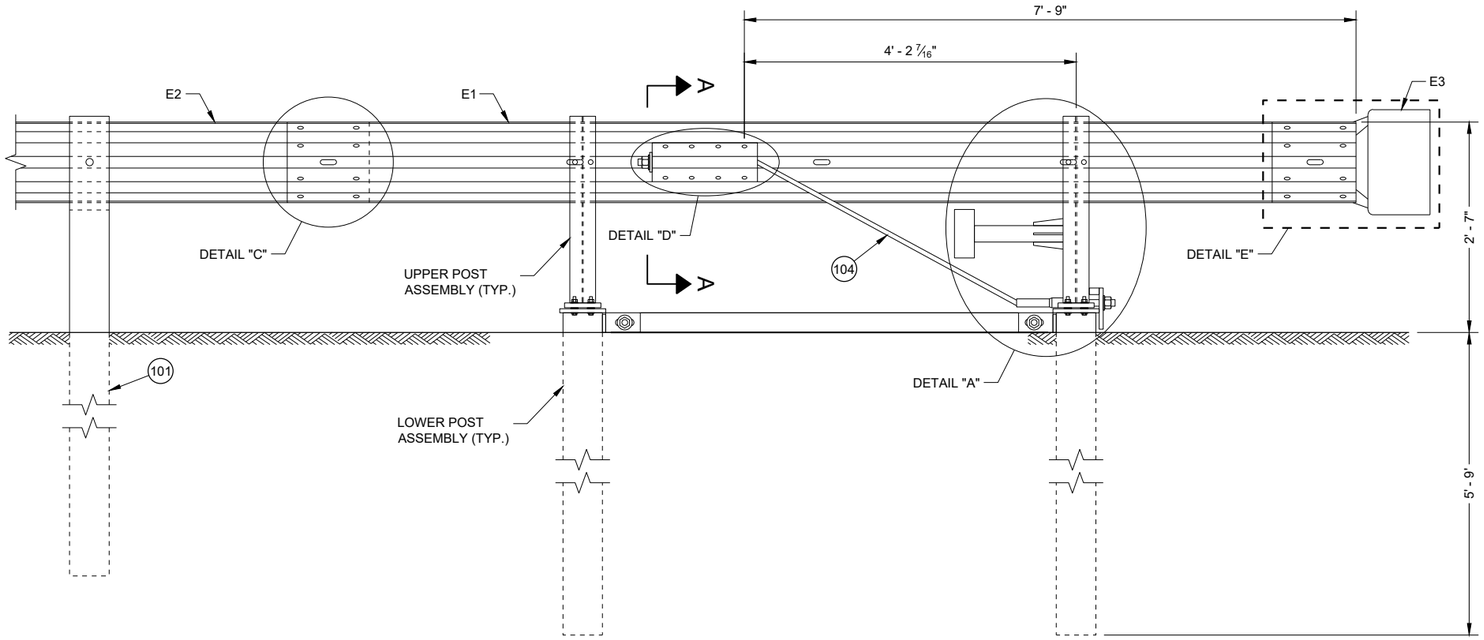
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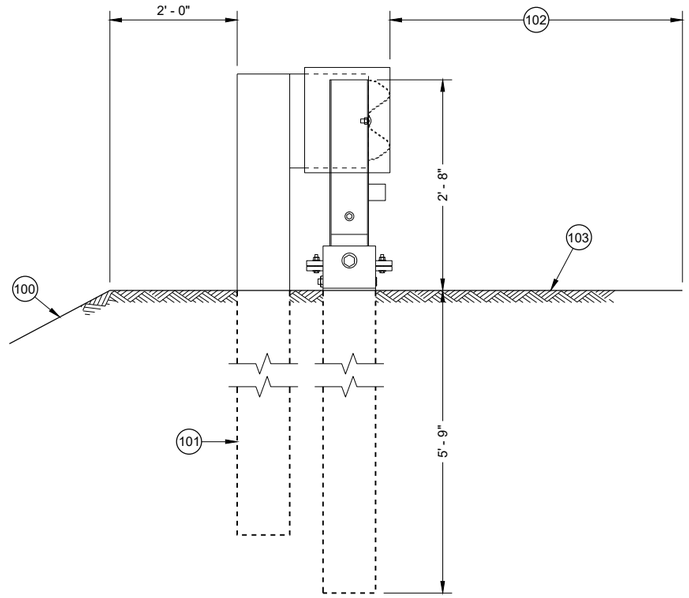
S.D.D. 14 B 45-5L

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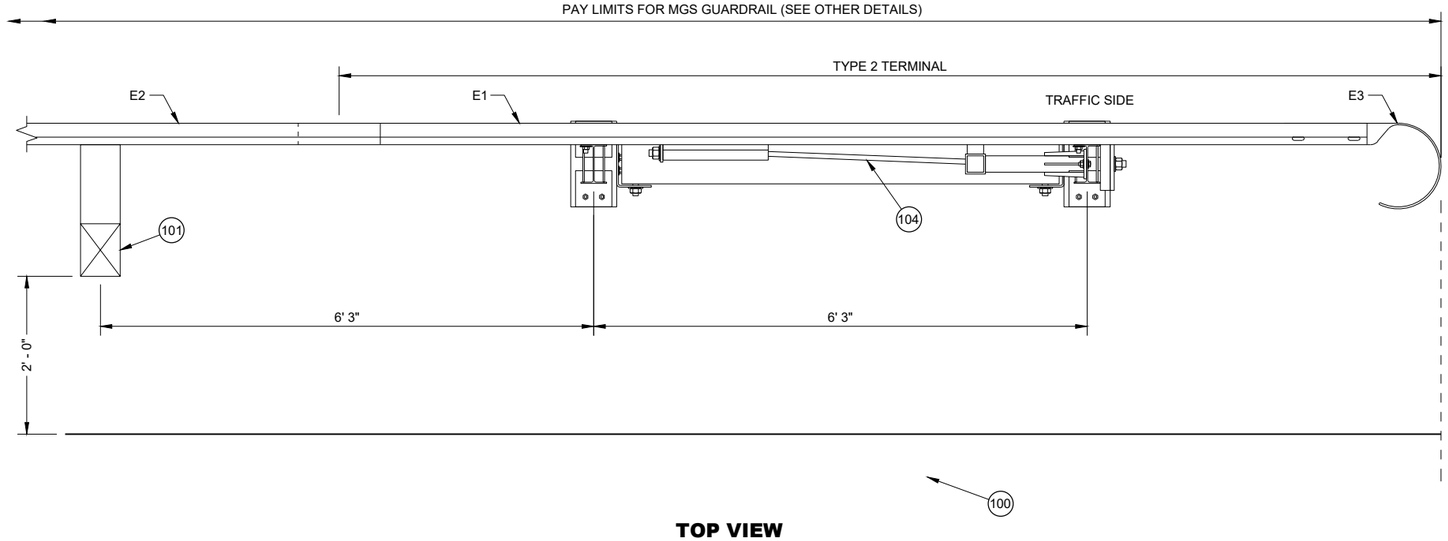
S.D.D. 14 B 45-5L



BACK VIEW
TYPE 2 TERMINAL



SIDE VIEW
TYPE 2 TERMINAL



TOP VIEW
TYPE 2 TERMINAL

GENERAL NOTES

(100) MAXIMUM SLOPE IS 2.5:1.

(101) SEE SDD 14B42 FOR MORE INFORMATION.

(102) SHOULDER

(103) MAXIMUM SLOPE IS 10:1.

(104) AFTER ASSEMBLY, CABLE IS TO BE TIGHTENED WITHOUT TWISTING THE CABLE.

MIDWEST GUARDRAIL SYSTEM (MGS)
TYPE 2 TERMINAL

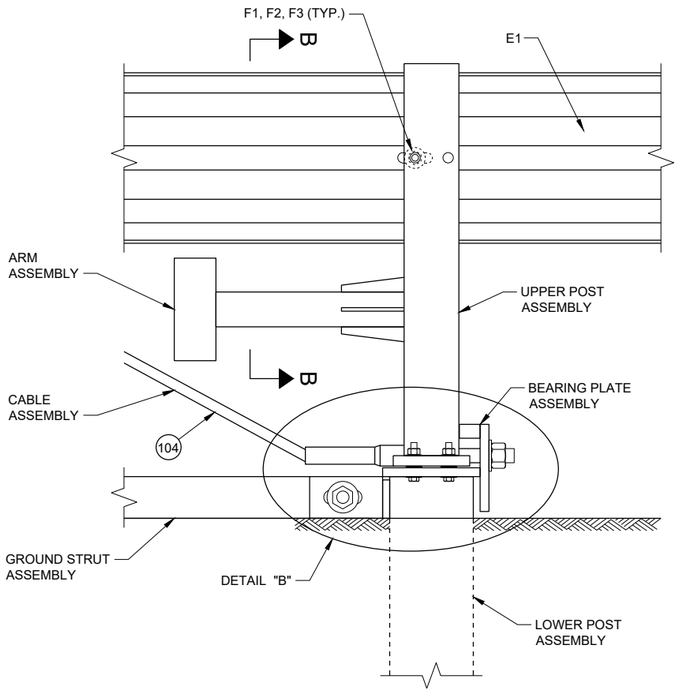
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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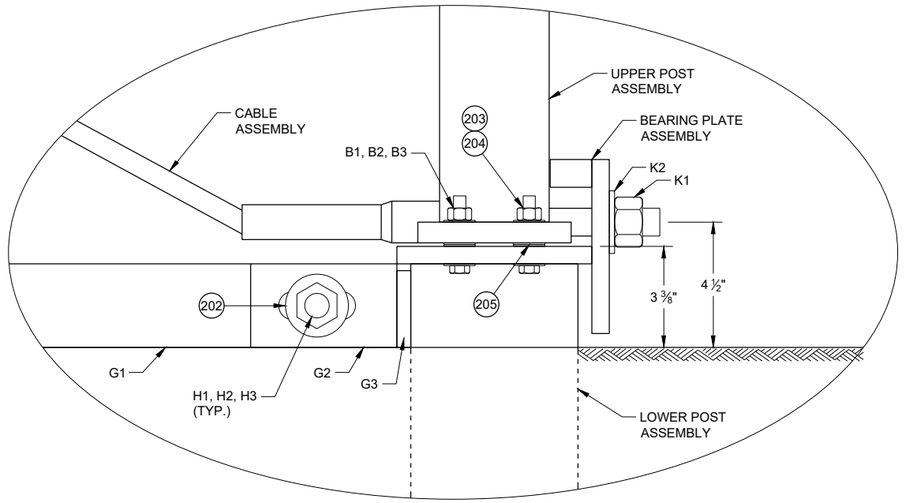
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SDD 14B47 - 03a

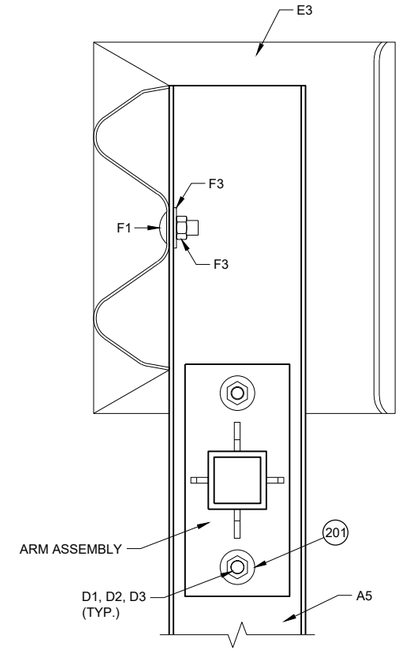
SDD 14B47 - 03a



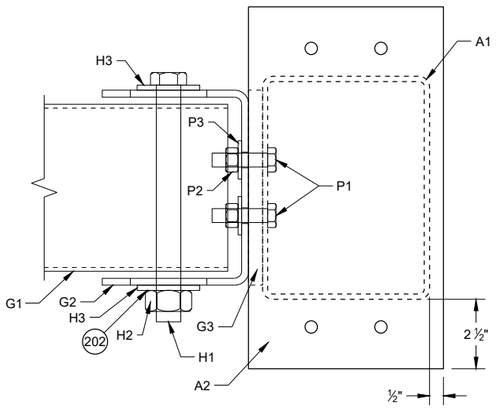
DETAIL "A"



DETAIL "B"

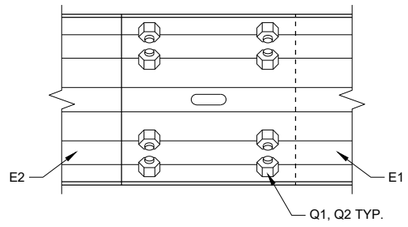


SECTION B - B

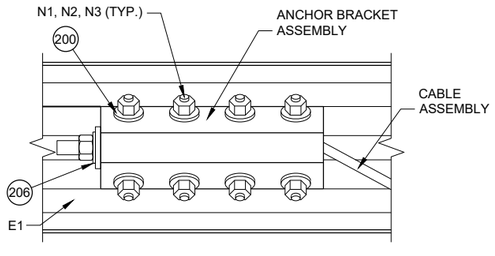


TOP VIEW

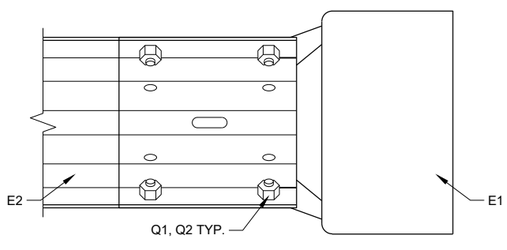
GROUND STRUT CONNECTION DETAIL



DETAIL "C"



DETAIL "D"



DETAIL "E"

GENERAL NOTES

200 INSTALL ONE WASHER UNDER BOLT HEAD AND RAIL AND ON WASHER BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.

201 INSTALL ONE WASHER UNDER BOLT HEAD AND UPPER POST ASSEMBLY AND ONE WASHER BETWEEN NUT AND ARM PLATE.

202 INSTALL ONE WASHER UNDER BOLT HEAD AND GROUND STRUT CONNECTOR AND ONE WASHER BETWEEN NUT AND GROUND STRUT CONNECTOR.

203 INSTALL ONE WASHER UNDER BOLT HEAD AND LOWER POST ASSEMBLY AND ONE WASHER BETWEEN NUT AND UPPER POST ASSEMBLY.

204 TORQUE VALUE IS BETWEEN 60 - 75 FT-LB.

205 TWO WASHERS BETWEEN UPPER AND LOWER POST ASSEMBLY.

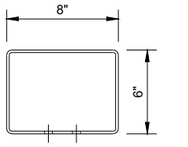
206 INSTALL ONE WASHER BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

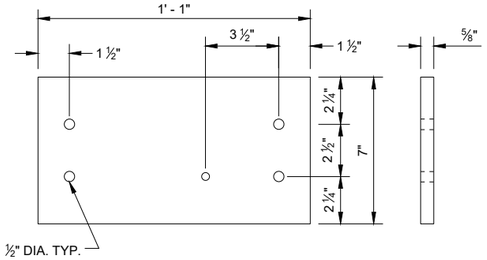
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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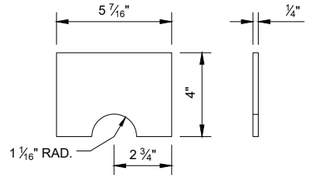
SDD 14B47 - 03b



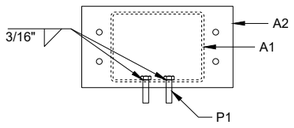
TOP VIEW



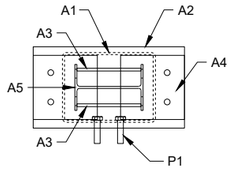
LOWER PLATE (A2)

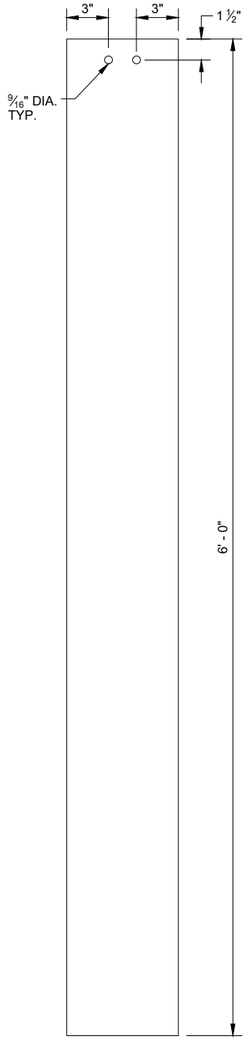


POST GUSSET (A3)



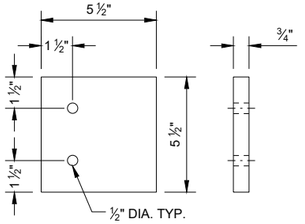
PLAN VIEW



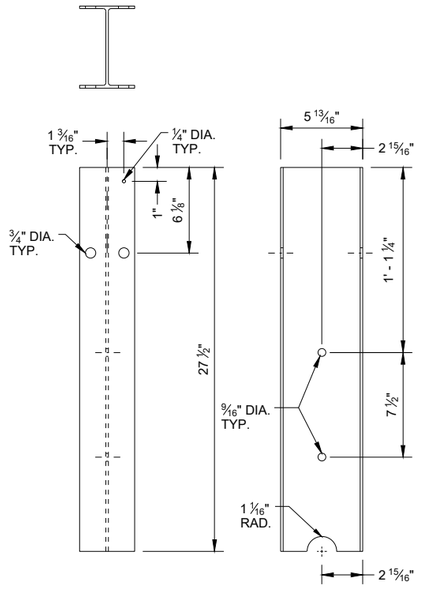


SIDE VIEW

FOUNDATION TUBE (A1)

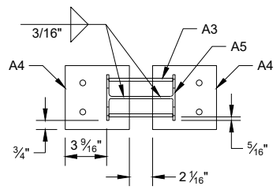


UPPER PLATE (A4)

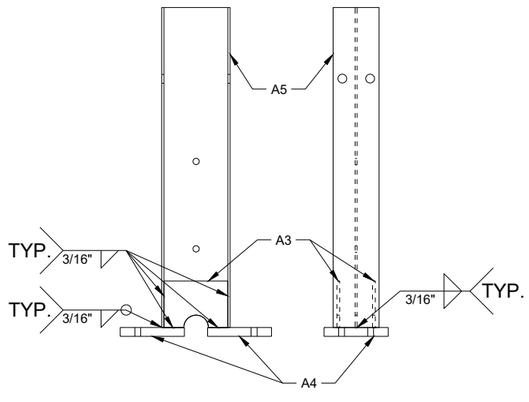


FRONT VIEW SIDE VIEW

TYPE 2 POST (A5)

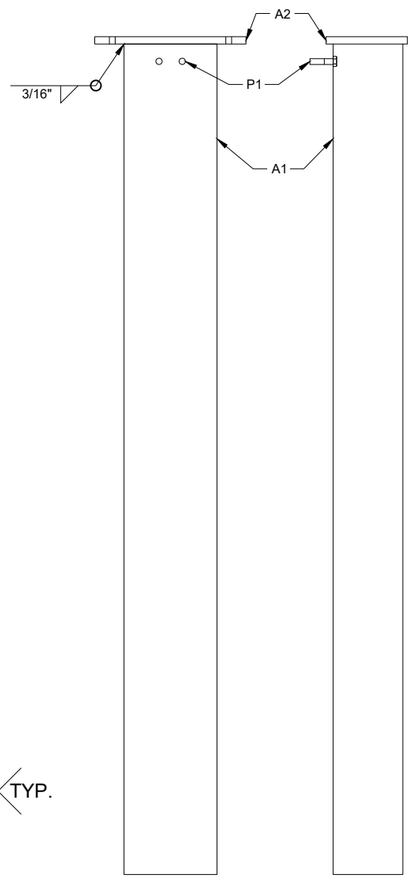


PLAN VIEW



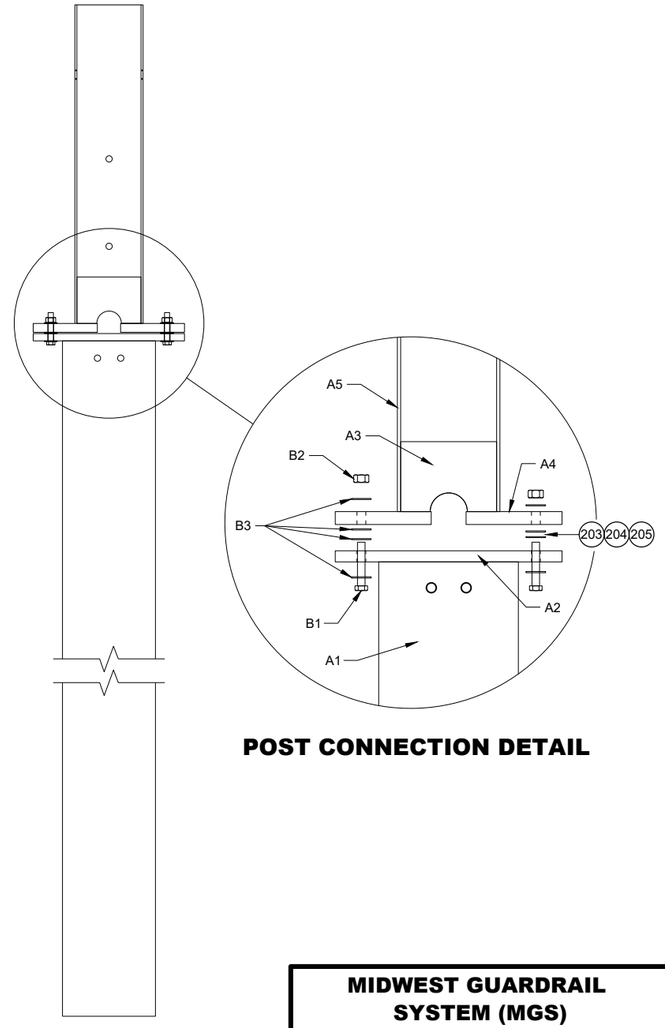
SIDE VIEW FRONT VIEW

UPPER POST ASSEMBLY



FRONT VIEW SIDE VIEW

LOWER POST ASSEMBLY



ASSEMBLED POST

POST CONNECTION DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

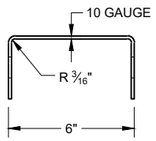
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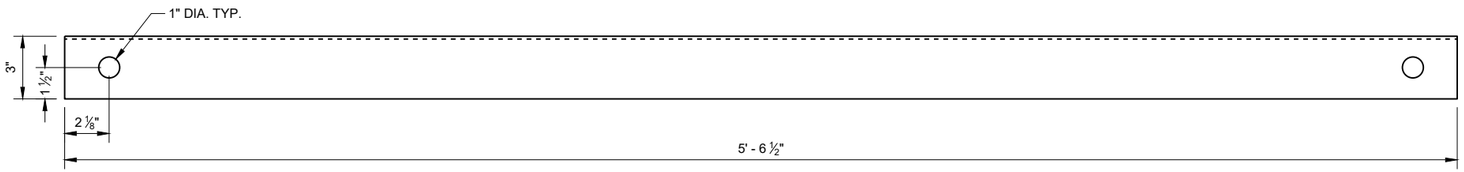
SDD14B47 - 03c

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SDD14B47 - 03c

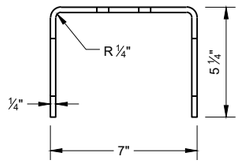


SIDE VIEW

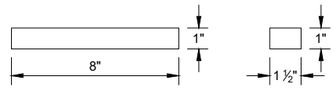


FRONT VIEW

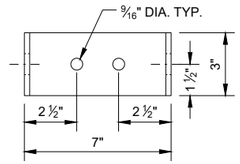
GROUND STRUT CHANNEL (G1)



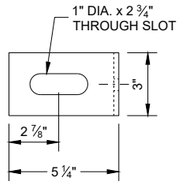
TOP VIEW



BEARING PLATE FLANGE (L2)

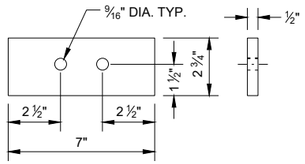


FRONT VIEW

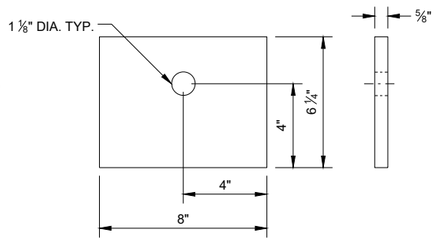


SIDE VIEW

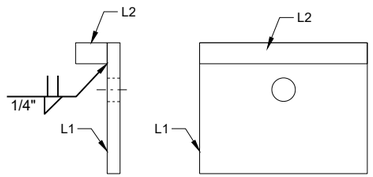
GROUND STRUT CONNECTOR (G2)



GROUND STRUT PLATE (G3)

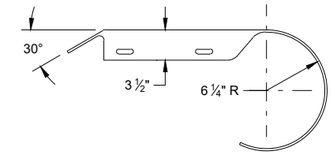


BEARING PLATE (L1)

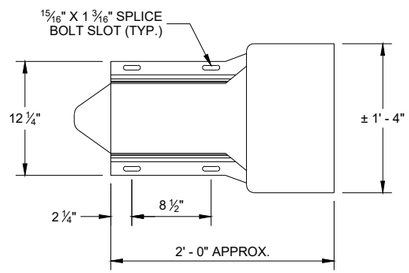


SIDE VIEW FRONT VIEW

BEARING PLATE ASSEMBLY

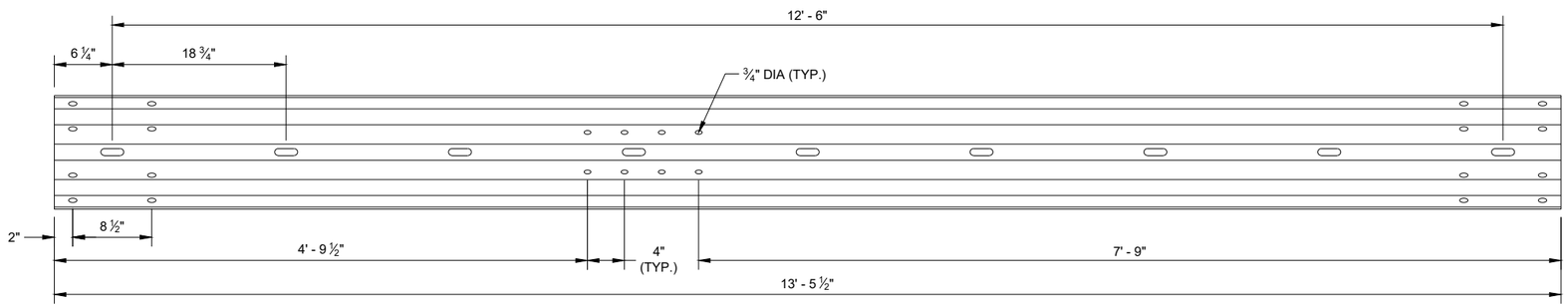


PLAN VIEW

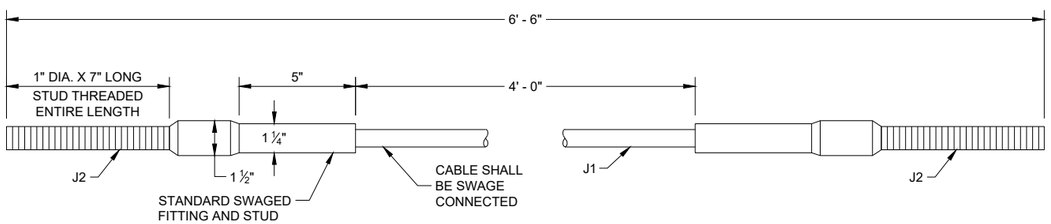


ELEVATION VIEW

ROUNDED BUFFER END (E3)



TYPE 2 GUARDRAIL (E1)



CABLE ASSEMBLY

6

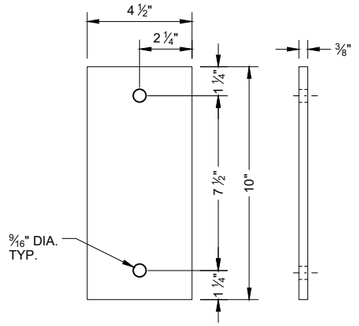
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SDD 14B47 - 03d

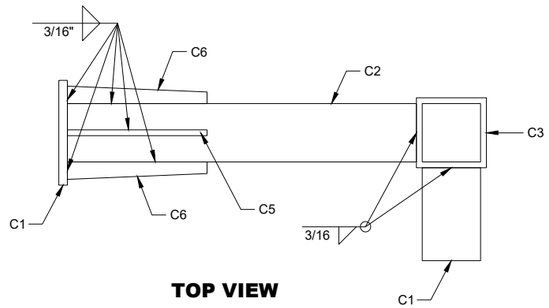
SDD 14B47 - 03d

MIDWEST GUARDRAIL SYSTEM (MGS)
TYPE 2 TERMINAL

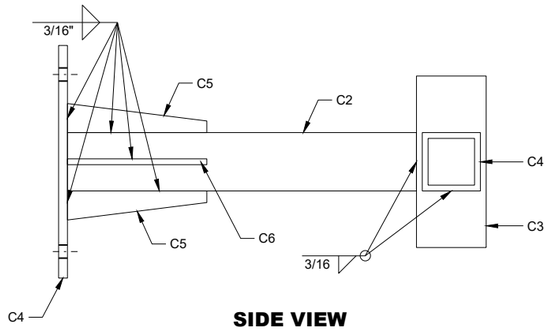
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



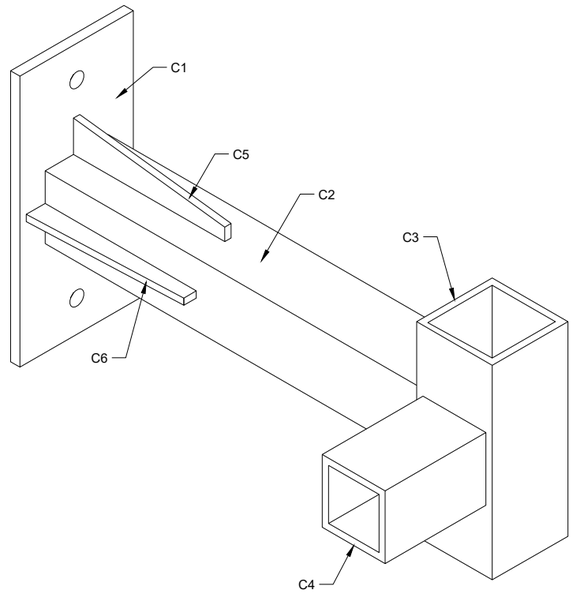
ARM PLATE (C1)



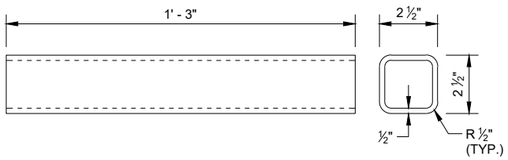
TOP VIEW
ARM ASSEMBLY



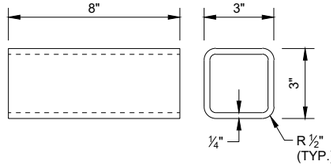
SIDE VIEW
ARM ASSEMBLY



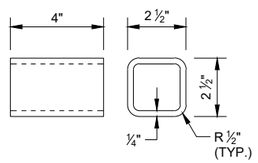
ISOMETRIC VIEW
ARM ASSEMBLY



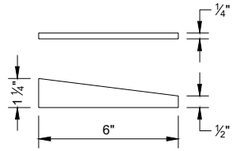
ARM TUBE 1 (C2)



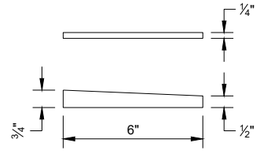
ARM TUBE 2 (C3)



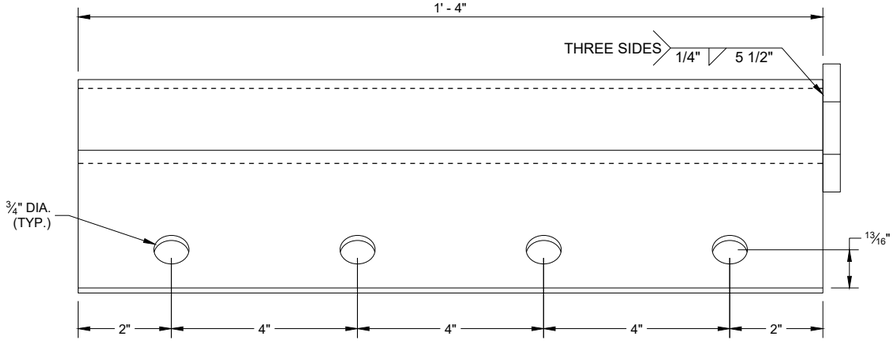
ARM TUBE 3 (C4)

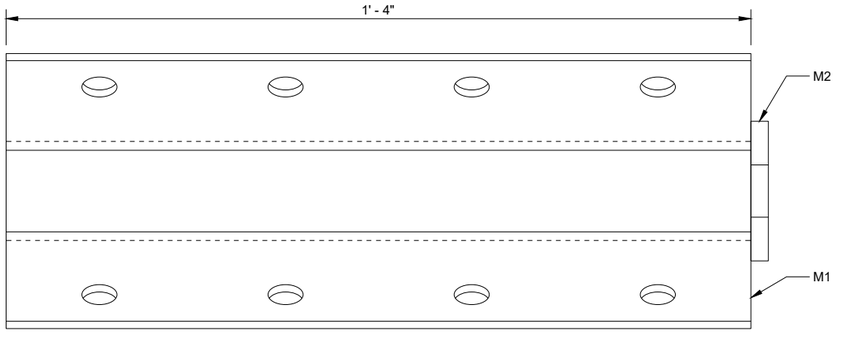


ARM GUSSET PLATE 1 (C5)

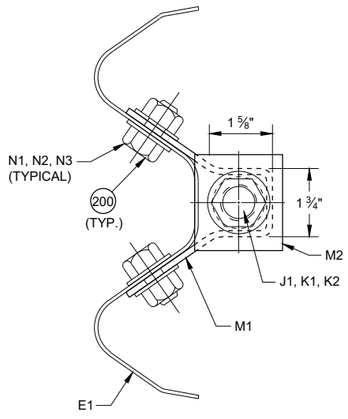


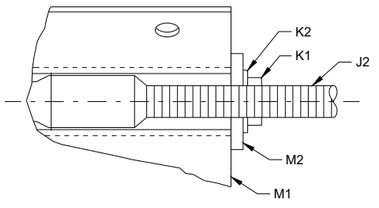
ARM GUSSET PLATE 2 (C6)



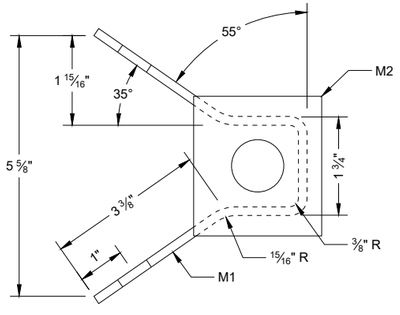


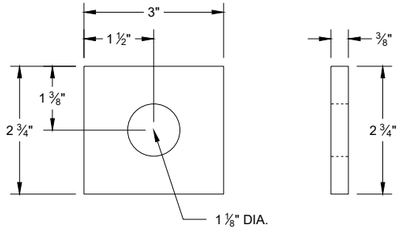
ANCHOR BRACKET (M1, M2)





SECTION A - A





ANCHOR BRACKET BEARING PLATE (M2)

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B47 - 03e

BILL OF MATERIALS - TYPE 2 TERMINAL (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	TYPE 2 FOUNDATION TUBE	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 8" x 6" x 3/16"
A2	LOWER PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	5/8" THICKNESS
A3	POST GUSSET	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
A4	UPPER PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	3/4" THICKNESS
A5	TYPE 2 POST	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	
B1	BREAKAWAY BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM F3125 GRADE A325 TYPE 1 HEAVY HEX HEAD OR SAE J429 GRADE 5 HEAVY HEX HEAD / ASTM A449 TYPE 1 HEAVY HEX HEAD. BOLTS MAY BE FULLY THREADED . PROVIDE ENOUGH THREADING FOR PROPER TIGHTENING OF BOLT.	7/16" DIA.
B2	BREAKAWAY BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	7/16" DIA.
B3	BREAKAWAY BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
C1	ARM ASSEMBLY PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	3/8" THICKNESS
C2	ARM ASSEMBLY TUBE 1	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 8" x 6" x 3/16"
C3	ARM ASSEMBLY TUBE 2	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 3" x 3" x 1/4"
C4	ARM ASSEMBLY TUBE 3	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 2 1/2" x 2 1/2" X 1/4"
C5	ARM ASSEMBLY GUSSET PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
C6	ARM ASSEMBLY GUSSET PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
D1	ARM ASSEMBLY BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	1/2" DIA.
D2	ARM ASSEMBLY WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	1/2" DIA.
D3	ARM ASSEMBLY NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	1/2" DIA.
E1	TYPE 2 GUARD RAIL	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
E2	BEAM GUARD RAIL	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
E3	BEAM GUARD ROUNDED BUFFER END	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
F1	POST BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	5/8" DIA.
F2	POST BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	5/8" DIA.
F3	POST BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
G1	GROUND STRUT CHANNEL	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/2" x 11 3/4" x 10 GAUGE
G2	GROUND STRUT CONNECTOR	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
G3	GROUND STRUT PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/2" THICKNESS

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MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B47 - 03f

BILL OF MATERIALS - TYPE 2 TERMINAL (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
H1	GROUND STRUT BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	7/8" DIA.
H2	GROUND STRUT BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	7/8" DIA.
H3	GROUND STRUT BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD 5/8" ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	
J1	BCT CABLE	AASHTO M30 / ASTM A741 6 x 19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS), 6 x 19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS) TYPE II OR IIC, CLASS C ZINC COATED MIN. BREAKING STRENGTH OF 42.7 KIPS	**3/4" DIA.**
J2	BCT CABLE	UNC 1" ASTM A576 GRADE 1035 SWAGE FITTINGS ARE TO BE FACTORY SWEDGED. MIN BREAKING STRENGTH OF 42.7 KIPS ASME B30.26 "FORGED, CAST, OR DIE STAMPED WITH THE FOLLOWING IN TO CONNECTION: NAME OF MANUFACTURE OR TRADEMARK OF CONNECTION'S MANUFACTURER, SIZE OR RATED LOAD, GRADE FOR ALLOY EYEBOLTS."	
K1	CABLE ASSEMBLY NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	1" DIA.
K2	CABLE ASSEMBLY WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1	1" DIA.
L1	BEARING PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	5/8" THICKNESS
L2	BEARING PLATE FLANGE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1" THICKNESS
M1	BEAM GUARD ANCHOR BRACKET	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	
M2	BEAM GUARD ANCHOR END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	3/8" THICKNESS
N1	ANCHOR BRACKET BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	5/8" DIA.
N2	ANCHOR BRACKET BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	5/8" DIA.
N3	ANCHOR BRACKET BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 /ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
P1	FOUNDATION TUBE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 /ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	1/2" DIA.
P2	FOUNDATION TUBE WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 7/8" ASTM F844 TYPE 1 (HARDENED WASHER ONLY)	1/2" DIA.
P3	FOUNDATION TUBE NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
Q1	SPLICE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	
Q2	SPLICE NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	5/8" DIA.

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SDD 14B47 - 03g

SDD 14B47 - 03g

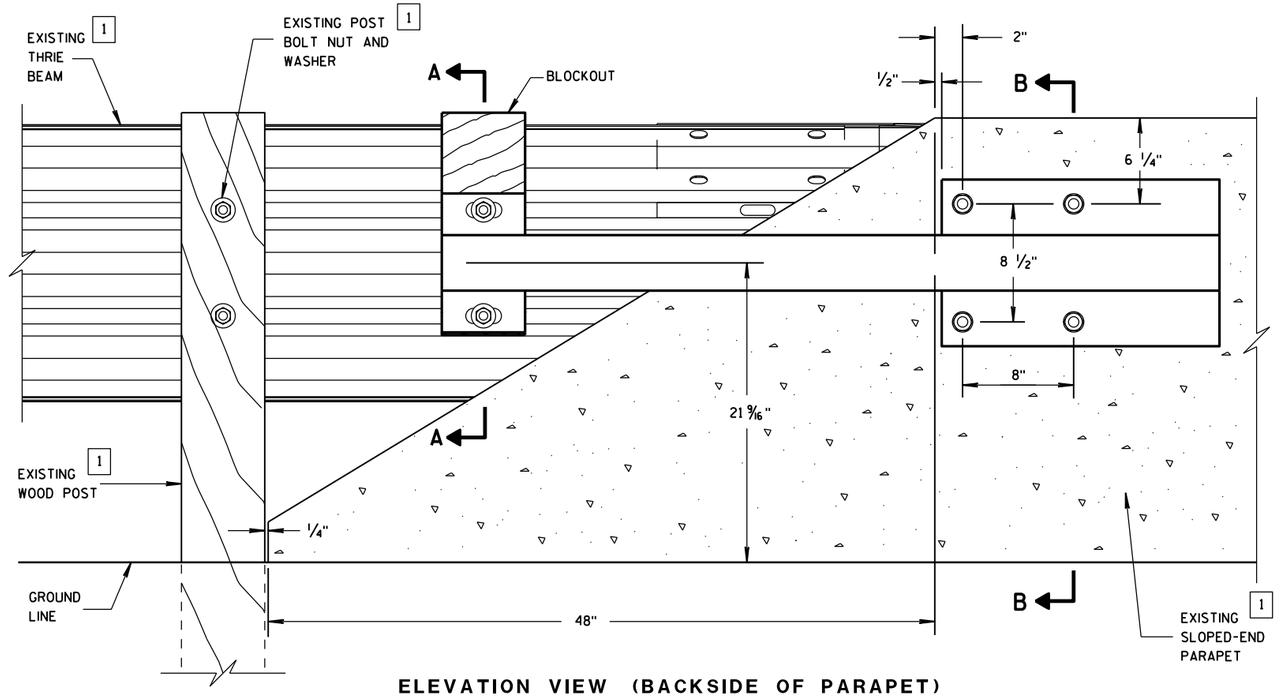
MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2021
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA



ELEVATION VIEW (BACKSIDE OF PARAPET)

GENERAL NOTES

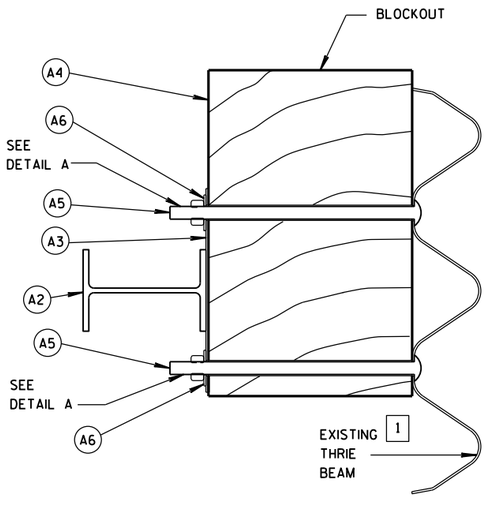
THE ADHESIVE USED TO SECURE THREADED RODS MUST HAVE MINIMUM BOND STRENGTHS OF 1800 PSI FOR EMBEDMENT SHOWN.

ANY EXISTING THROUGH-BOLT INTERFERING WITH THE PLACEMENT OF THIS COMPONENT SHALL BE REPLACED WITH A SHORTER EPOXED BOLT.

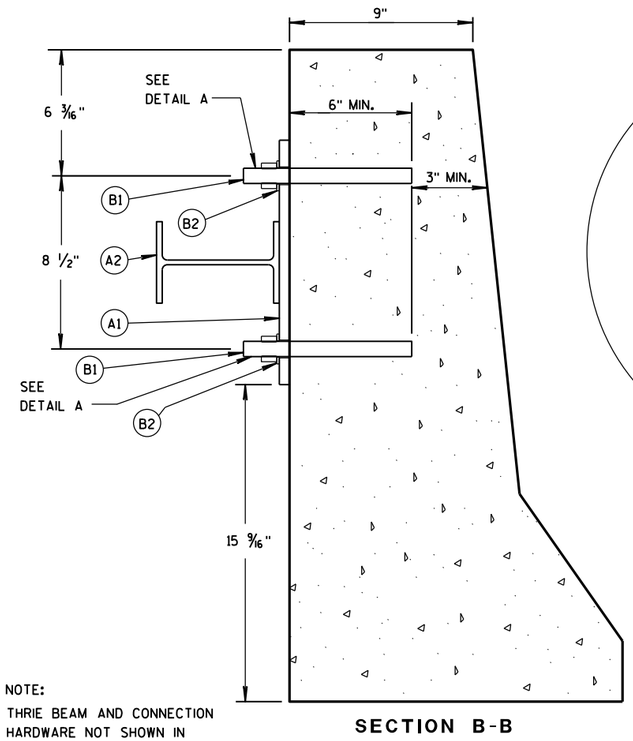
[1] SEE OTHER PARTS OF THE PLAN OR STANDARD SPECIFICATIONS.

SLOPED END PARAPET RETROFIT BILL OF MATERIALS

ITEM NO.	QTY.	DESCRIPTION	MATERIAL SPECIFICATION
A1	1	20" x 12" x 1/2" BASE PLATE	ASTM A572 GR. 50
A2	1	55" LONG W6x12 BEAM	ASTM A992 GR. 50
A3	1	6" x 10" x 1/8" BACKUP PLATE	ASTM A36
A4	1	6" x 10" x 16" BLOCKOUT	[1]
A5	2	5/8" DIA. POST BOLT AND DOUBLE RECESSED (DR) HEAVY HEX NUT	[1]
A6	2	5/8" DIA. FLAT WASHER	GRADE 5
B1	4	3/4" DIA. - 10 UNC THREADED ROD	ASTM A193 TYPE B7
B2	4	3/4" DIA. FLAT WASHER	ASTM F436
B3	4	3/4" DIA. DOUBLE RECESSED (DR) HEAVY HEX NUT	[1]

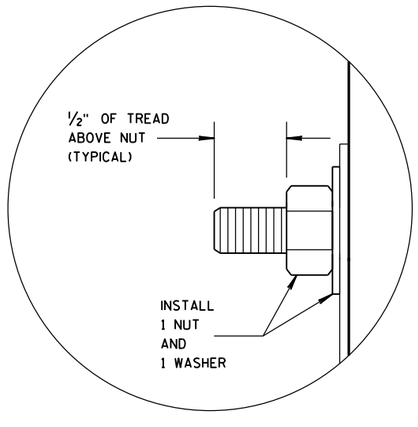


SECTION A-A

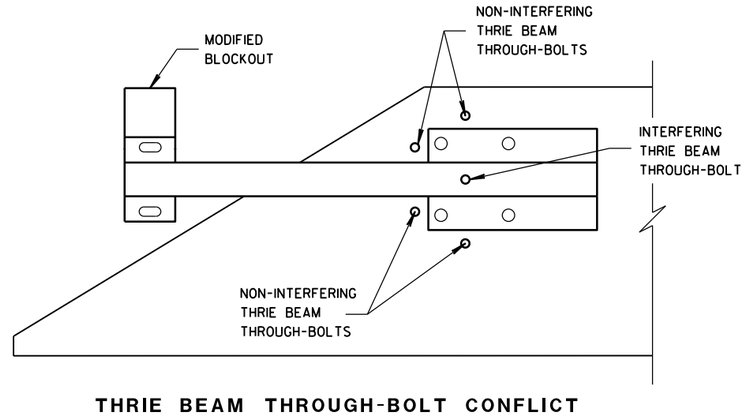


NOTE:
THRIE BEAM AND CONNECTION HARDWARE NOT SHOWN IN SECTION B-B FOR CLARITY.

SECTION B-B



DETAIL A

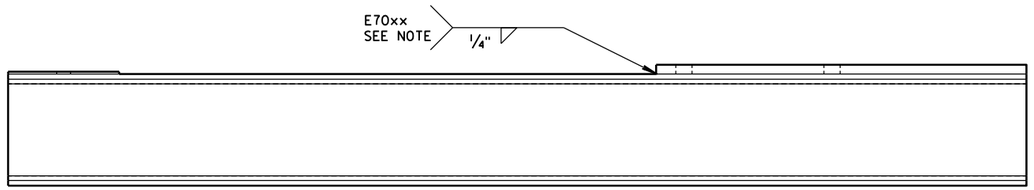


THRIE BEAM THROUGH-BOLT CONFLICT

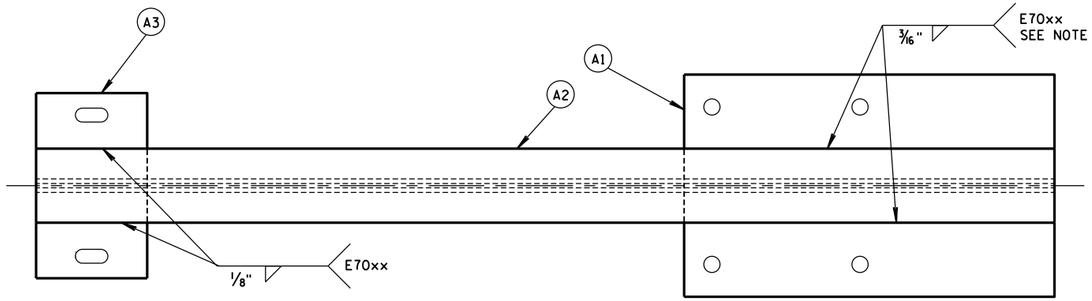
RETROFIT CANTILEVER SLOPED END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6
S.D.D. 14 B 49-1a



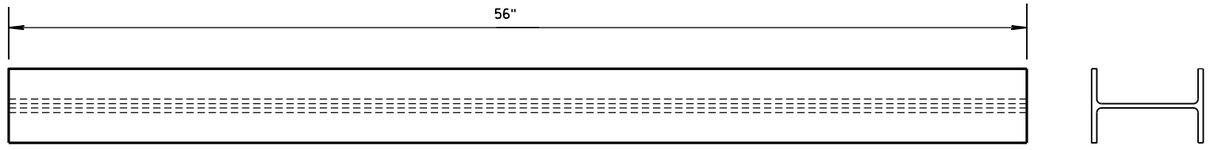
PLAN VIEW



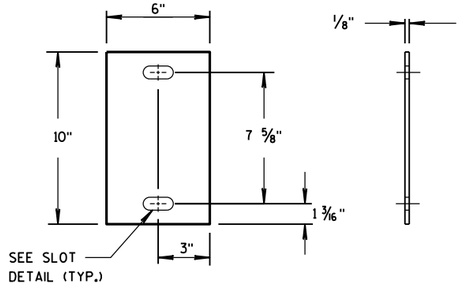
ELEVATION VIEW

NOTE:
WELDS ON OPPOSITE PLANES (i.e., VERTICAL AND LONGITUDINAL) SHALL NOT BE CONNECTED.

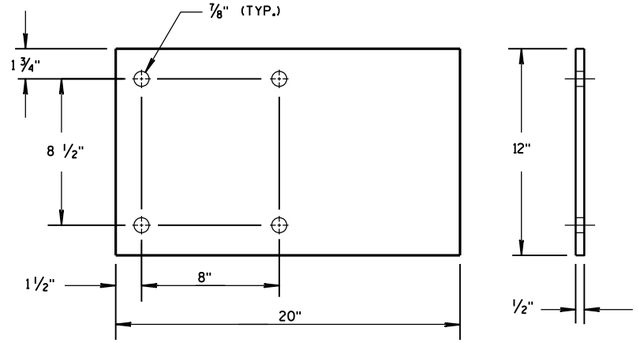
WELD DETAIL



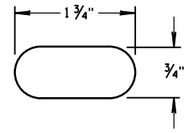
W6x12 BEAM (A2)



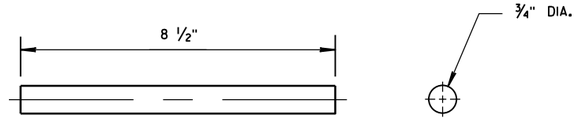
BLACKUP PLATE (A3)



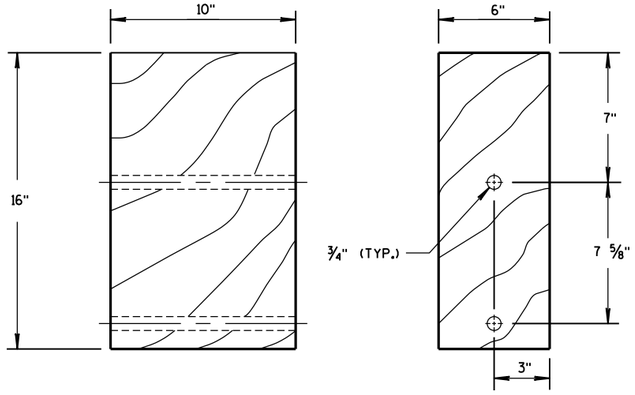
BASE PLATE (A1)



SLOT DETAIL



THREADED ROD (B1)



NOTE:
ACTUAL DIMENSIONS OF THE BLOCKOUT MAY VARY FROM THAT SHOWN DEPENDING ON ACTUAL DIMENSIONS OF THE BRIDGE PARAPET.

BLOCKOUT (A4)

ANCHOR PLATE ASSEMBLY PARTS

RETROFIT CANTILEVER
SLOPED END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

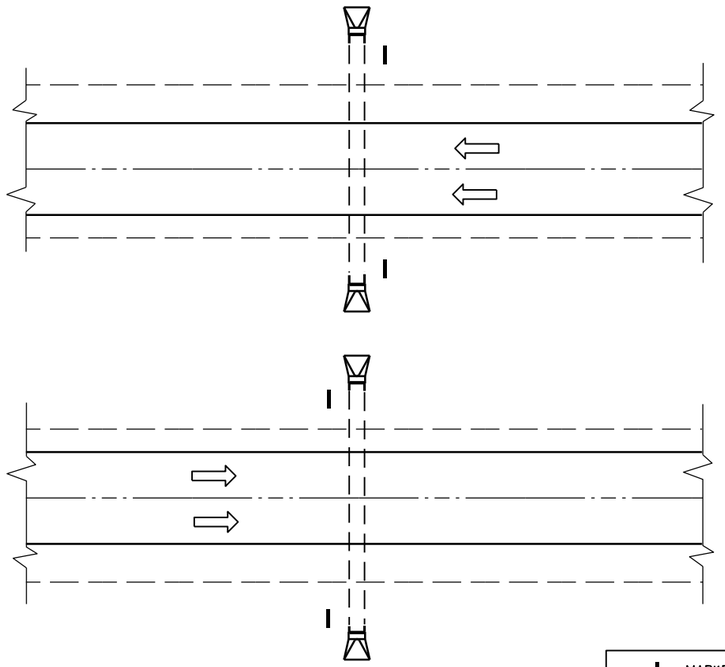
APPROVED
June 2014 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

S.D.D. 14 B 49-1b

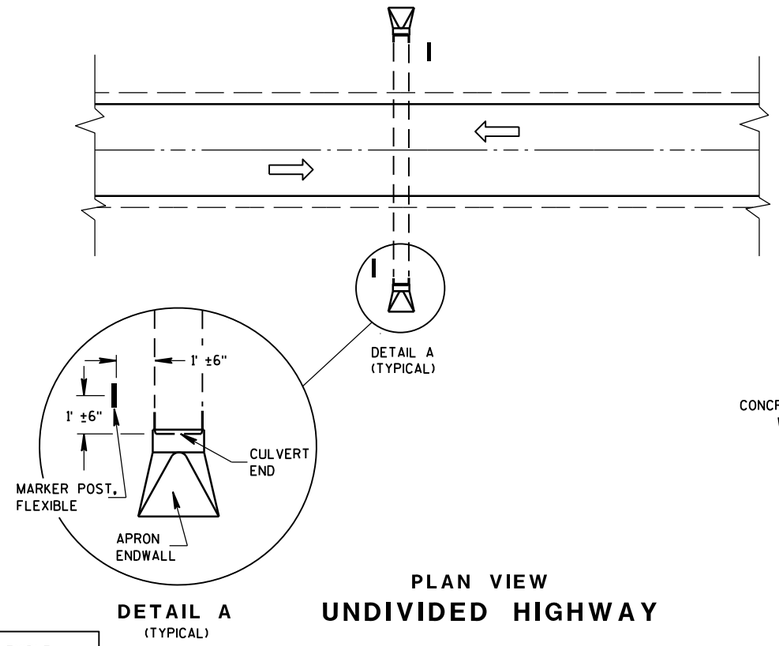
6

S.D.D. 14 B 49-1b



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

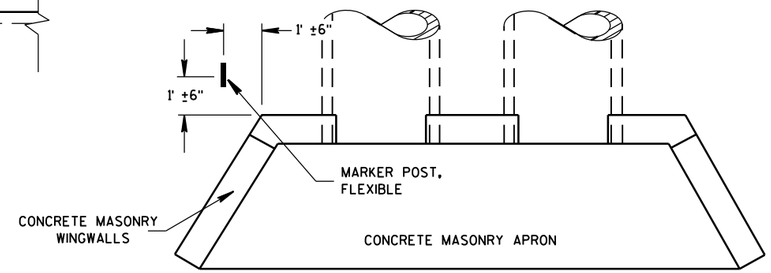
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

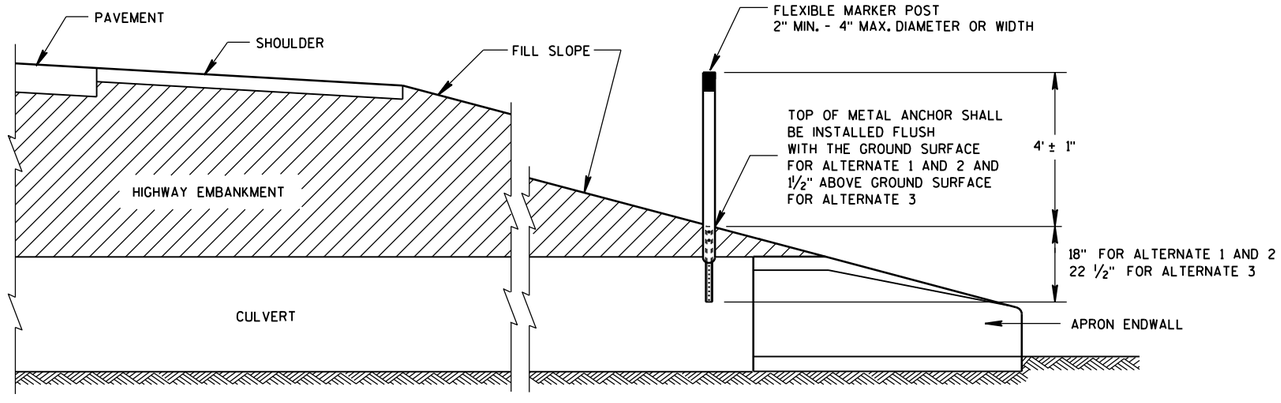
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST FOR CULVERT END

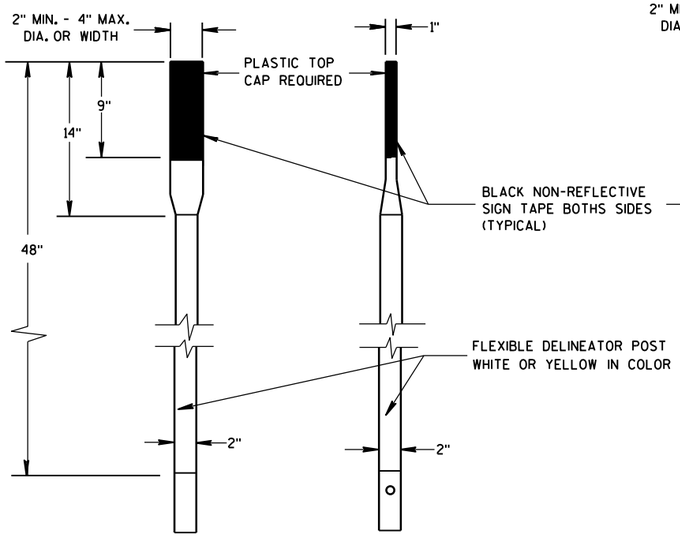
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

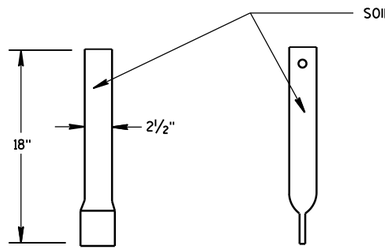
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S.D.D. 15 A 3-2a

6

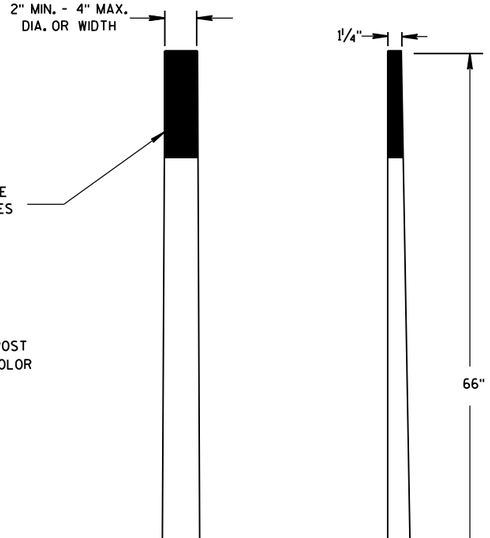
S.D.D. 15 A 3-2a





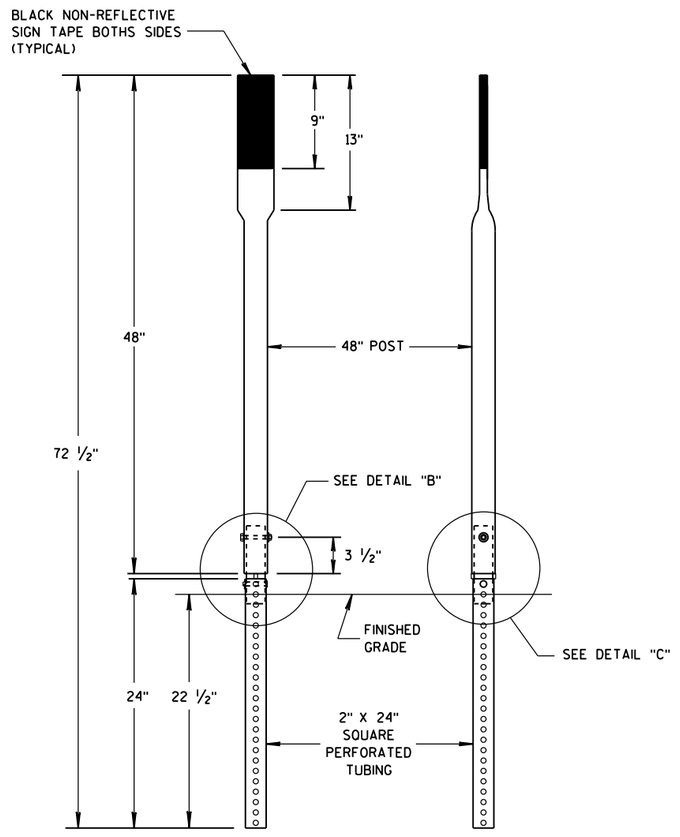
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

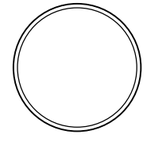
ALTERNATE 2



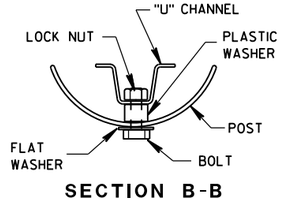
FRONT VIEW SIDE VIEW

ALTERNATE 3

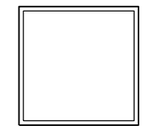
FLEXIBLE MARKER POSTS



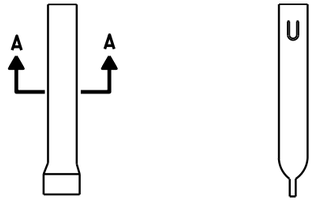
SECTION A-A



SECTION B-B

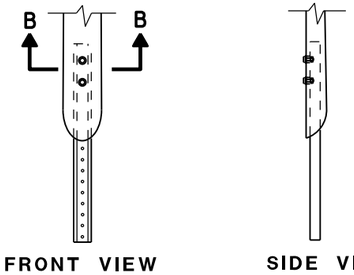


SECTION C-C



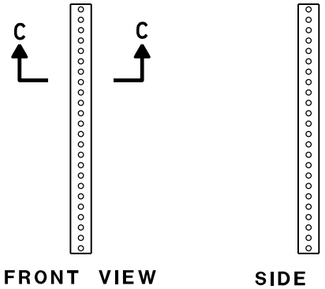
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

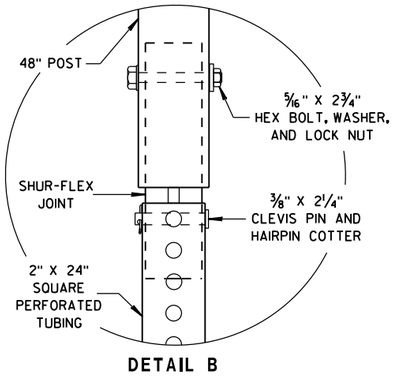
ALTERNATE 2



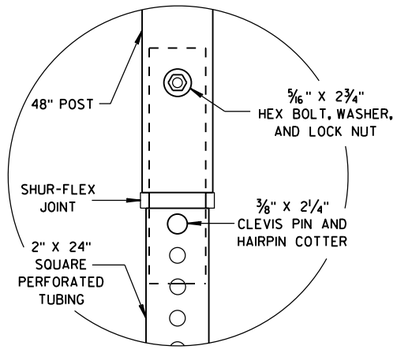
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

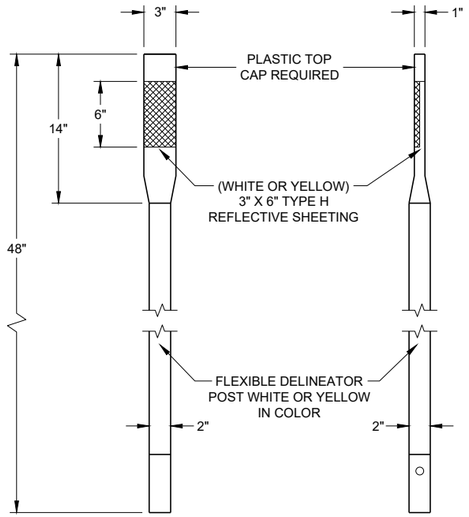
APPROVED
10/1/2012
DATE
/S/ Travis Feltes
STATE TRAFFIC ENGINEER
FHWA

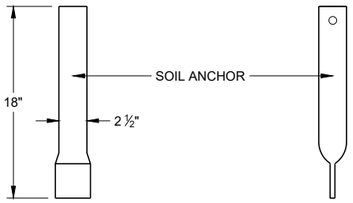
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S.D.D. 15 A 3-2b

6

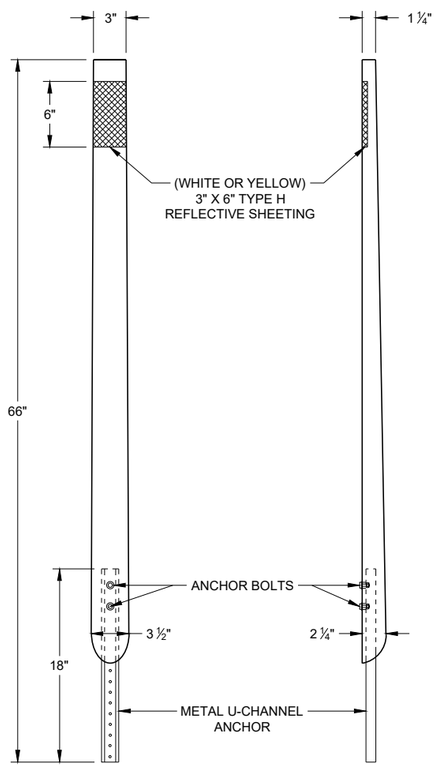
S.D.D. 15 A 3-2b





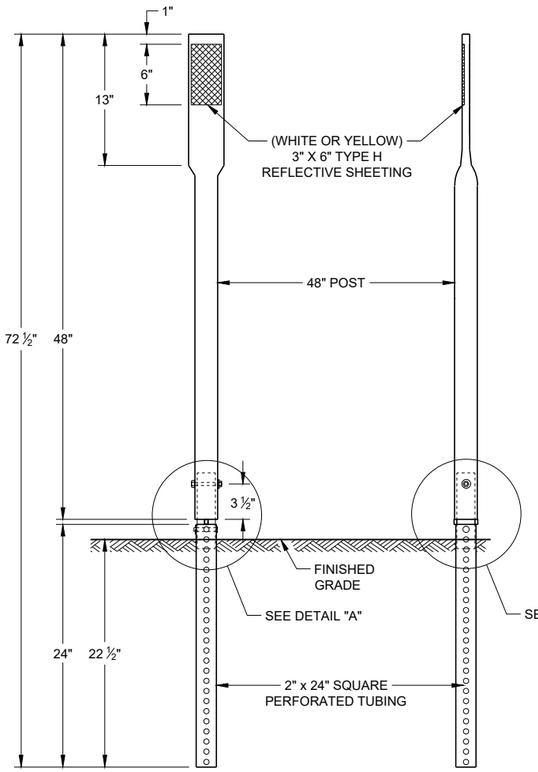
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

ALTERNATE 2



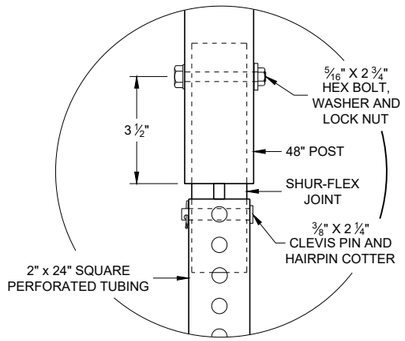
FRONT VIEW SIDE VIEW

ALTERNATE 3

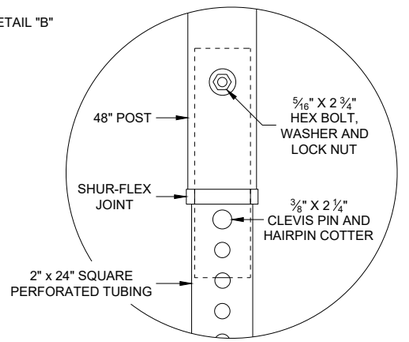
FLEXIBLE DELINEATOR POSTS

GENERAL NOTES

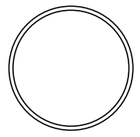
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



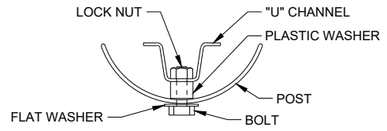
DETAIL A



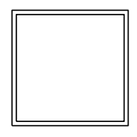
DETAIL B



SECTION A - A



SECTION B - B

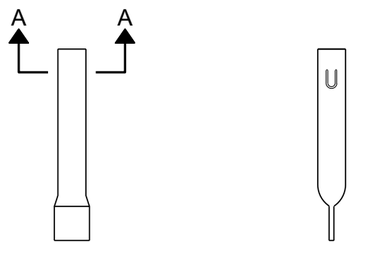


SECTION C - C

REFLECTOR SPACING TABLE

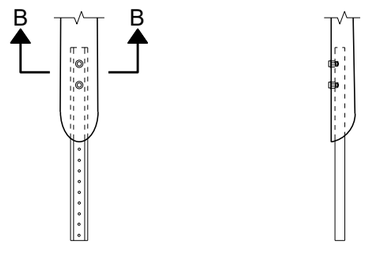
REFLECTOR SPACING	LOCATION
* 100' C-C	RAMPS
400' C-C	MAINLINE

* START AT BEGINNING OF RAMP TAPER AND END AT END OF RAMP TAPER



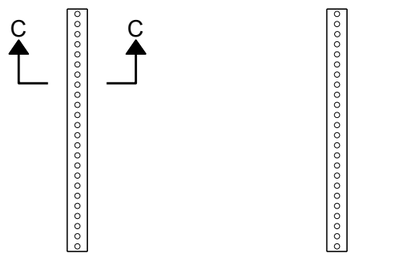
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

ALTERNATE 2



FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS

FLEXIBLE DELINEATOR POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021
DATE

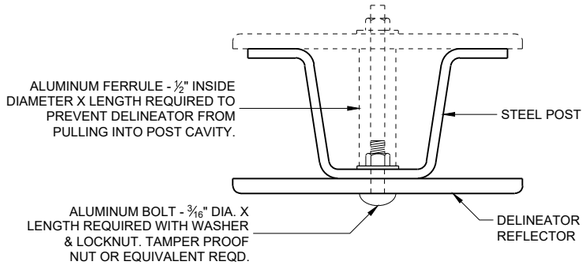
/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

FHWA

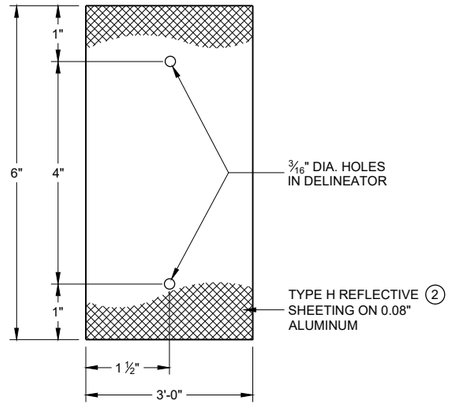
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SDD 15A04 - 07a

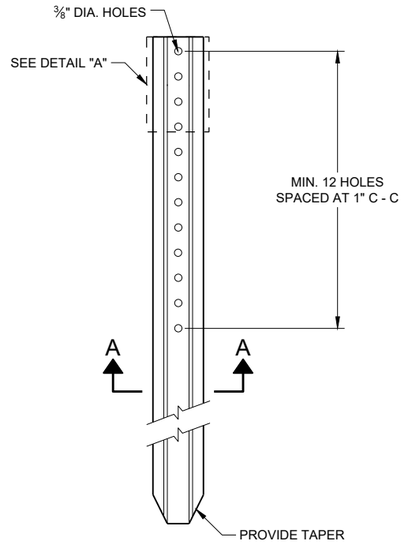
SDD 15A04 - 07a



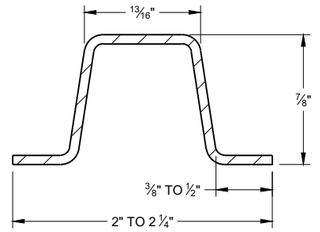
MOUNTING DETAIL FOR DELINEATOR REFLECTOR



DETAIL "A" 3" X 6" DELINEATOR REFLECTOR



DELINEATOR POST



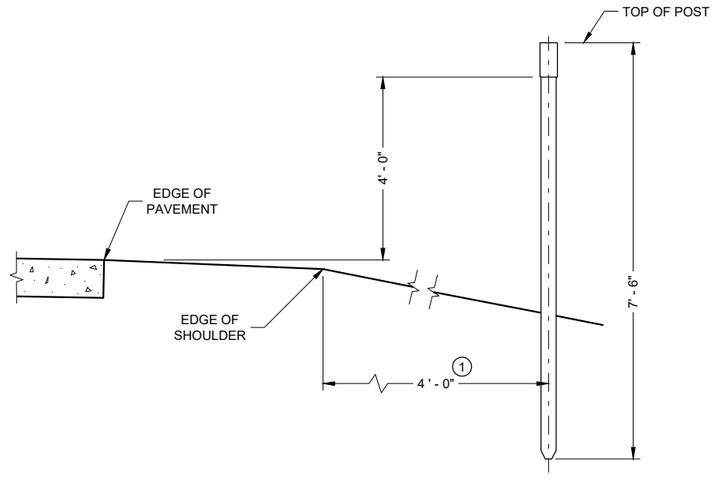
SECTION A - A

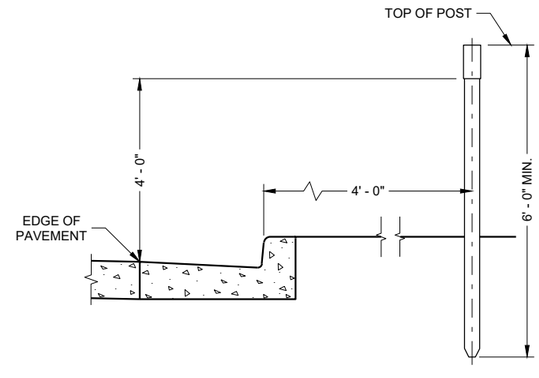
WEIGHT 1.12 LBS PER FT. \ 0.1 LB.

REFLECTOR SPACING TABLE

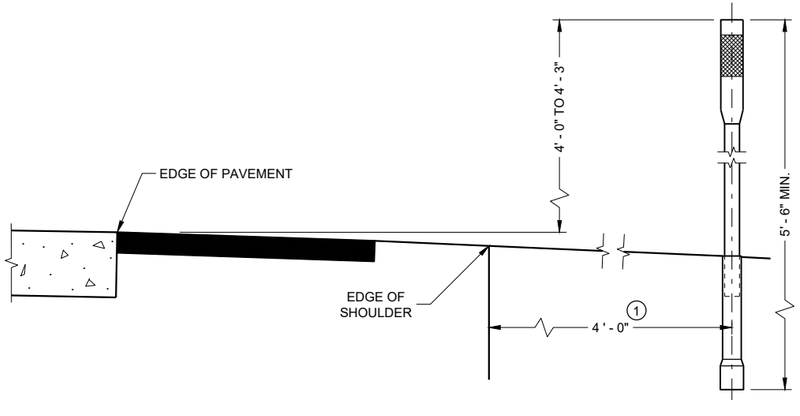
REFLECTOR SPACING	LOCATION
* 100' C-C	RAMPS
400' C-C	MAINLINE

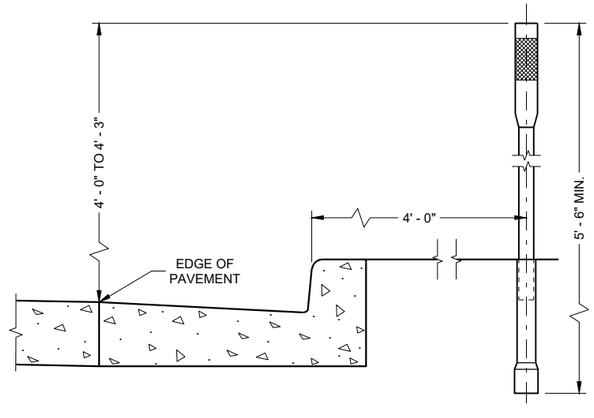
* START AT BEGINNING OF RAMP TAPER AND END AT END OF RAMP TAPER





TYPICAL INSTALLATIONS OF DELINEATOR POSTS





TYPICAL INSTALLATIONS OF FLEXIBLE DELINEATOR POSTS

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF TEH STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

1. DELINEATORS SHALL BE PLACED AT A CONSTANT DISTANCE FROM THE EDGE OF THE SHOULDER FOR THE LENGTH OF THE INSTALLATION.
2. FURNISH TYPE H SHEETING FROM THE APPROVED PRODUCTS LIST.

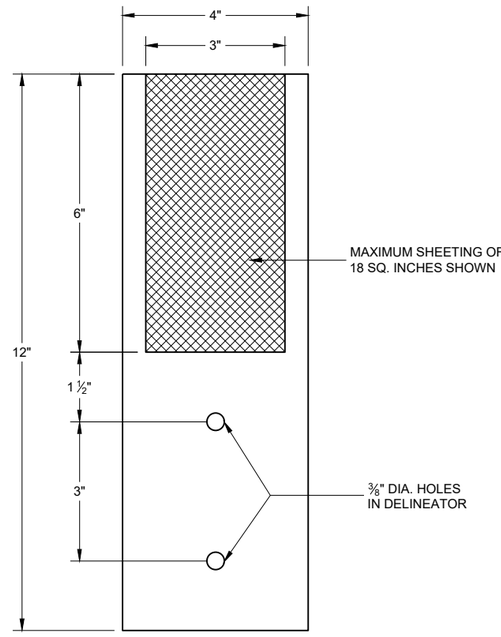
DELINEATOR POST WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAF ENGINEER
FHWA

SDD 15A04 - 07c

SDD 15A04 - 07c



4" x 12" DELINEATOR
WITH REFLECTIVE SHEETING

6

6

SDD 15A04 - 07e

SDD15A04 - 07e

DELINEATOR
WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

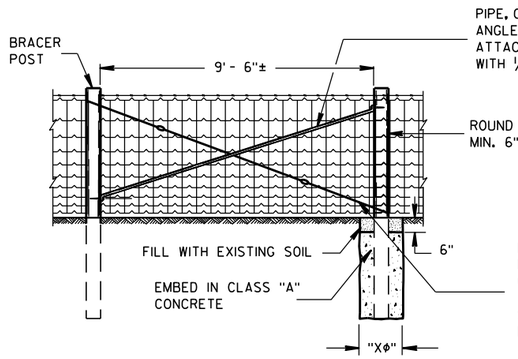
November 2021
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAR
ENGINEER

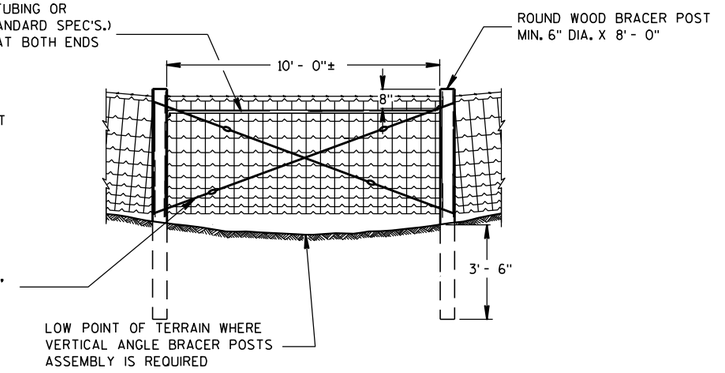
FHWA

NOTE: PULL OR STRETCHER POST ASSEMBLIES SHALL BE PLACED MIDWAY BETWEEN END POSTS AND CORNER POSTS WHERE A RUN OF FENCE EXCEEDS 660' BUT IS LESS THAN 1,320'. FOR RUNS OF FENCE IN EXCESS OF 1,320' MAXIMUM SPACING OF PULL OR STRETCHER POST ASSEMBLIES SHALL BE 660'± C-C.

ILLUSTRATION SHOWS POSITION OF STANDARD STEEL BRACE, DOUBLE STRAND GALVANIZED WIRE, AND THE POST TO BE EMBEDDED IN CONCRETE WHEN WIRE FENCE IS INSTALLED FROM LEFT TO RIGHT. THE BRACES SHALL BE POSITIONED ON THE OPPOSITE DIAGONALS AND THE OPPOSITE POST SHALL BE EMBEDDED IN CONCRETE WHEN WIRE FENCE IS INSTALLED FROM RIGHT TO LEFT.



PULL OR STRETCHER POSTS ASSEMBLY



VERTICAL ANGLE BRACER POSTS ASSEMBLY

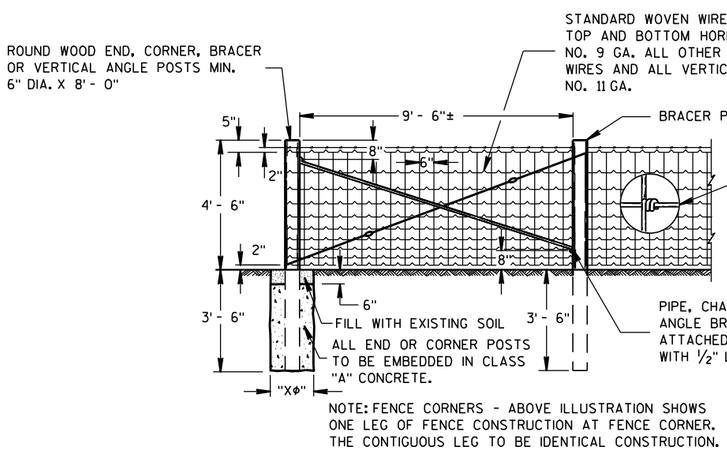
GENERAL NOTES

"XΦ" = DIAMETER OF THE POST PLUS 12".

FENCE STAPLES SHOULD NEVER BE DRIVEN VERTICALLY INTO WOOD POSTS (WITH BOTH LEGS PARALLEL WITH THE WOOD GRAIN). DOING SO CAN SEPARATE THE GRAIN AND SIGNIFICANTLY REDUCE THE HOLDING POWER. ROTATING THE STAPLES SLIGHTLY OFF VERTICAL STRADDLES THE GRAIN AND PROVIDES MORE RESISTANCE TO PULL-OUT.

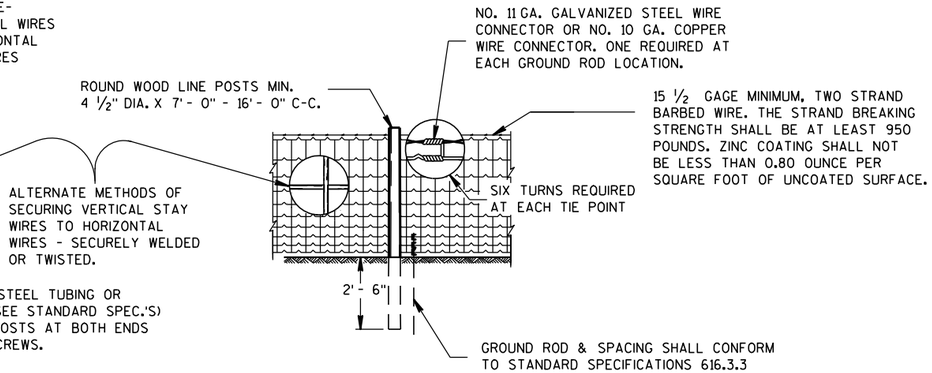
DO NOT STAPLE WIRE TIGHT TO THE LINE POSTS. ALLOW MOVEMENT OF WIRE FOR EXPANSION AND CONTRACTION. STAPLE ARRANGEMENT SHALL BE THE SAME FOR ALL OTHER POSTS EXCEPT THAT THEY SHALL BE DRIVEN TIGHT TO POSTS. ALL STAPLES SHALL BE 2" X 9 GAGE AND SHALL BE MANUFACTURED FROM GALVANIZED WIRE OR HOT DIP GALVANIZED AFTER FORMING. STAPLES SHALL HAVE SLASH-CUT POINTS.

FENCE SHALL BE LOCATED 3'-0" INSIDE THE RIGHT OF WAY LINE UNLESS OTHERWISE INDICATED ON THE PLANS.



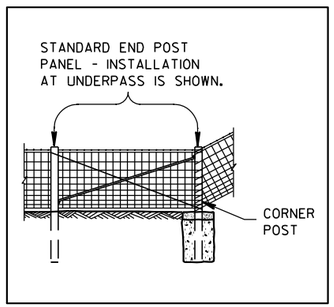
NOTE: FENCE CORNERS - ABOVE ILLUSTRATION SHOWS ONE LEG OF FENCE CONSTRUCTION AT FENCE CORNER. THE CONTIGUOUS LEG TO BE IDENTICAL CONSTRUCTION.

END OR CORNER POSTS ASSEMBLY

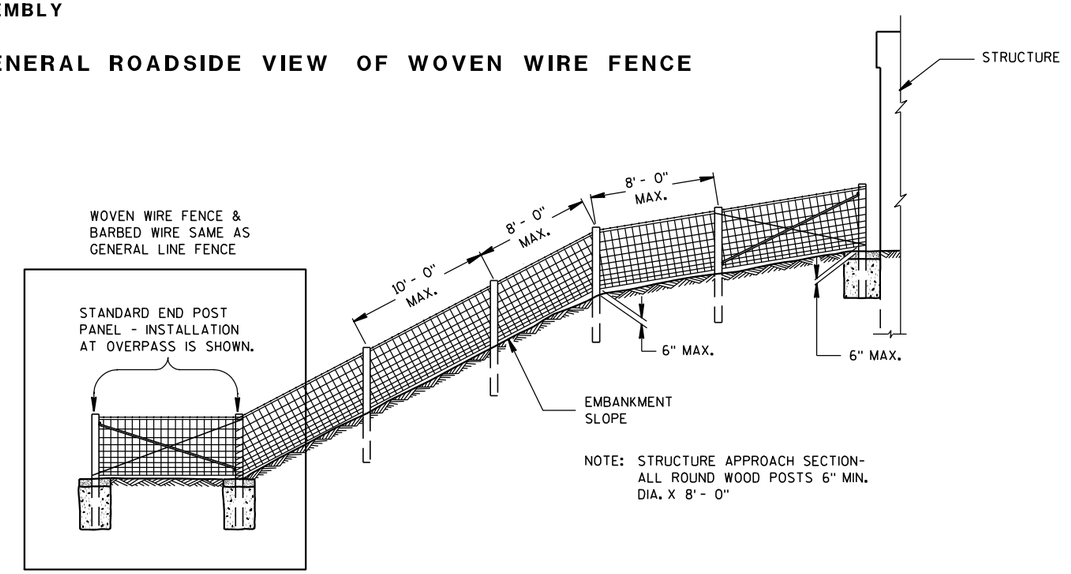


LINE FENCE CONSTRUCTION

GENERAL ROADSIDE VIEW OF WOVEN WIRE FENCE



ALTERNATE FENCE DESIGN AT STRUCTURE



FENCE DESIGN AT STRUCTURE APPROACH

FENCE WOVEN WIRE

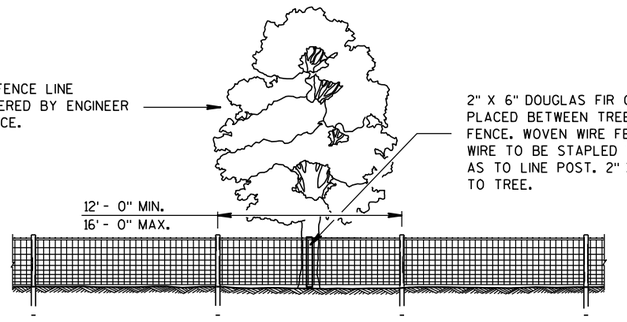
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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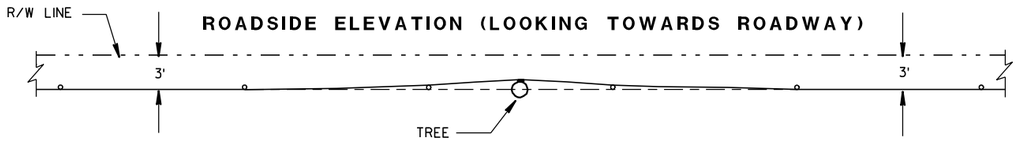
S.D.D. 15 B 1-8a

NOTE: TREE IN NORMAL FENCE LINE SPECIFICALLY ORDERED BY ENGINEER TO REMAIN IN PLACE.

2" X 6" DOUGLAS FIR OR SO. YELLOW PINE PLACED BETWEEN TREE AND WOVEN WIRE FENCE. WOVEN WIRE FENCE AND BARBED WIRE TO BE STAPLED TO 2" X 6" LIKE AS TO LINE POST. 2" X 6" NOT FASTENED TO TREE.

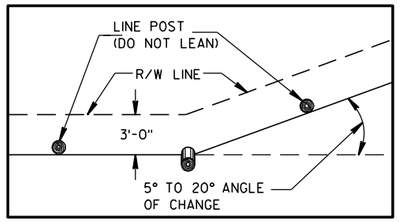


ROADSIDE ELEVATION (LOOKING TOWARDS ROADWAY)

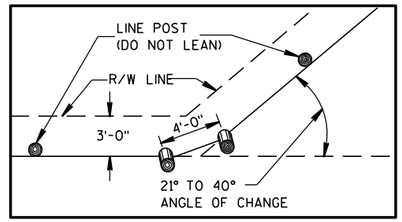


PLAN VIEW

FENCE DESIGN AT TREES REMAINING IN NORMAL FENCE LINE



PLAN VIEW
SINGLE POST CORNER

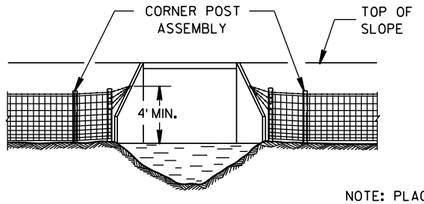


PLAN VIEW
DOUBLE POST CORNER

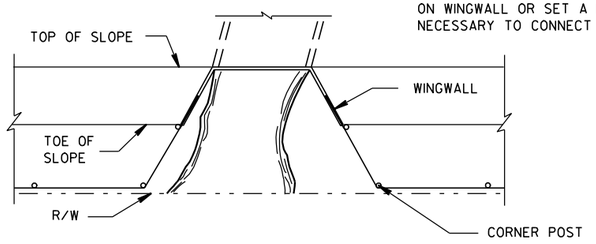
RIGHT OF WAY LINE CHANGE 40° AND LESS

NOTE: SINGLE AND DOUBLE POSTS SHALL BE A MIN. 6" DIA. X 8'-0" WITH A LEAN OF 4" TOWARD THE OUTSIDE OF THE CURVE.

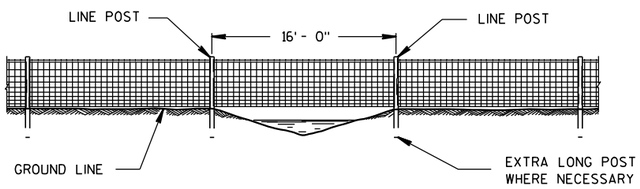
WHEN THE RIGHT OF WAY LINE CHANGE IS MORE THAN 40° USE THE CORNER OR STRETCHER POSTS ASSEMBLY.



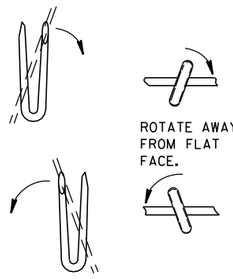
NOTE: PLACE A MINIMUM OF 4 STRANDS OF BARBED WIRE, 6" MAXIMUM CENTERS IN FAN SHAPE CONNECTED TO AN EYE BOLT ON WINGWALL OR SET A LONE POST WHEN NECESSARY TO CONNECT BARBED WIRE.



FENCE INSTALLATION TO WINGWALLS

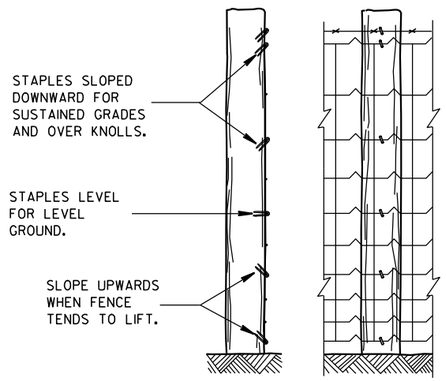


FENCE CONSTRUCTION OVER STREAM COURSES OF 15 FT. OR LESS IN WIDTH



LINE POST

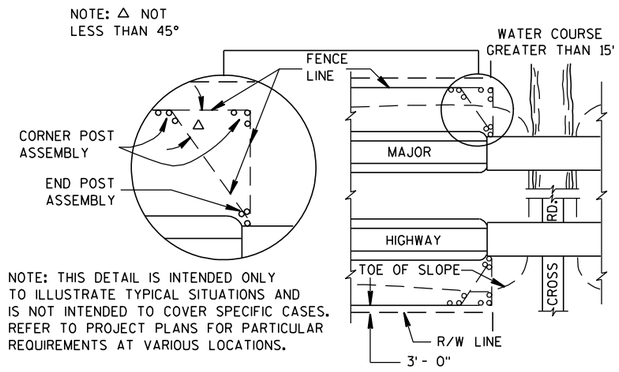
NOTE: WHEN POSTS ARE DRIVEN THE SMALL END SHALL BE DOWN.



END ELEVATION — FARM SIDE ELEVATION

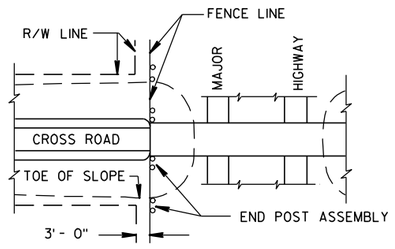
FENCE MOUNTING DETAIL

NOTE: △ NOT LESS THAN 45°



NOTE: THIS DETAIL IS INTENDED ONLY TO ILLUSTRATE TYPICAL SITUATIONS AND IS NOT INTENDED TO COVER SPECIFIC CASES. REFER TO PROJECT PLANS FOR PARTICULAR REQUIREMENTS AT VARIOUS LOCATIONS.

PLAN VIEW
MAJOR HIGHWAY OVERPASS OR STREAM COURSE CROSSING OF GREATER THAN 15 FT. IN WIDTH



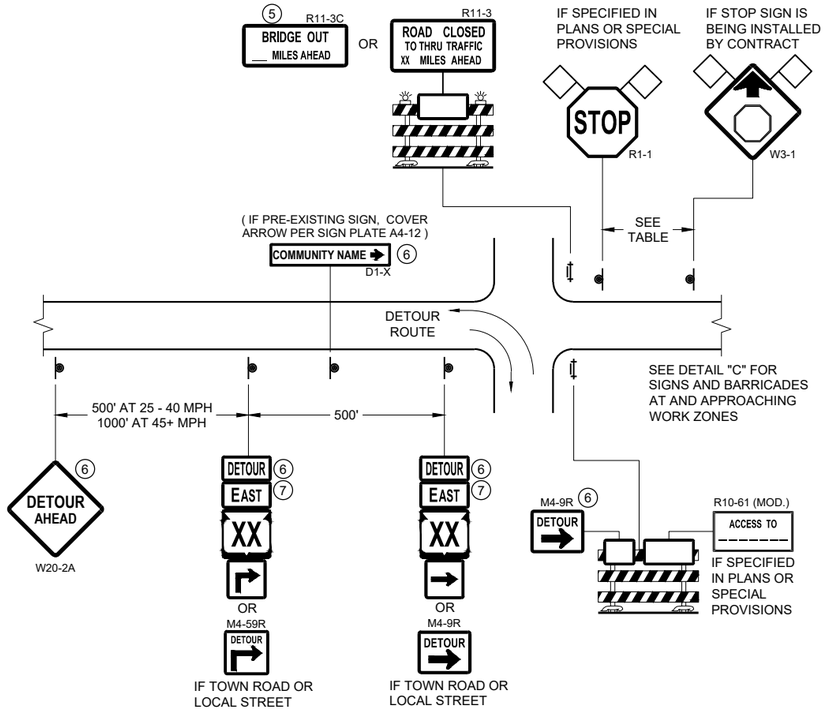
PLAN VIEW
MAJOR HIGHWAY UNDERPASS

FENCE LOCATION AT STRUCTURES

FENCE WOVEN WIRE

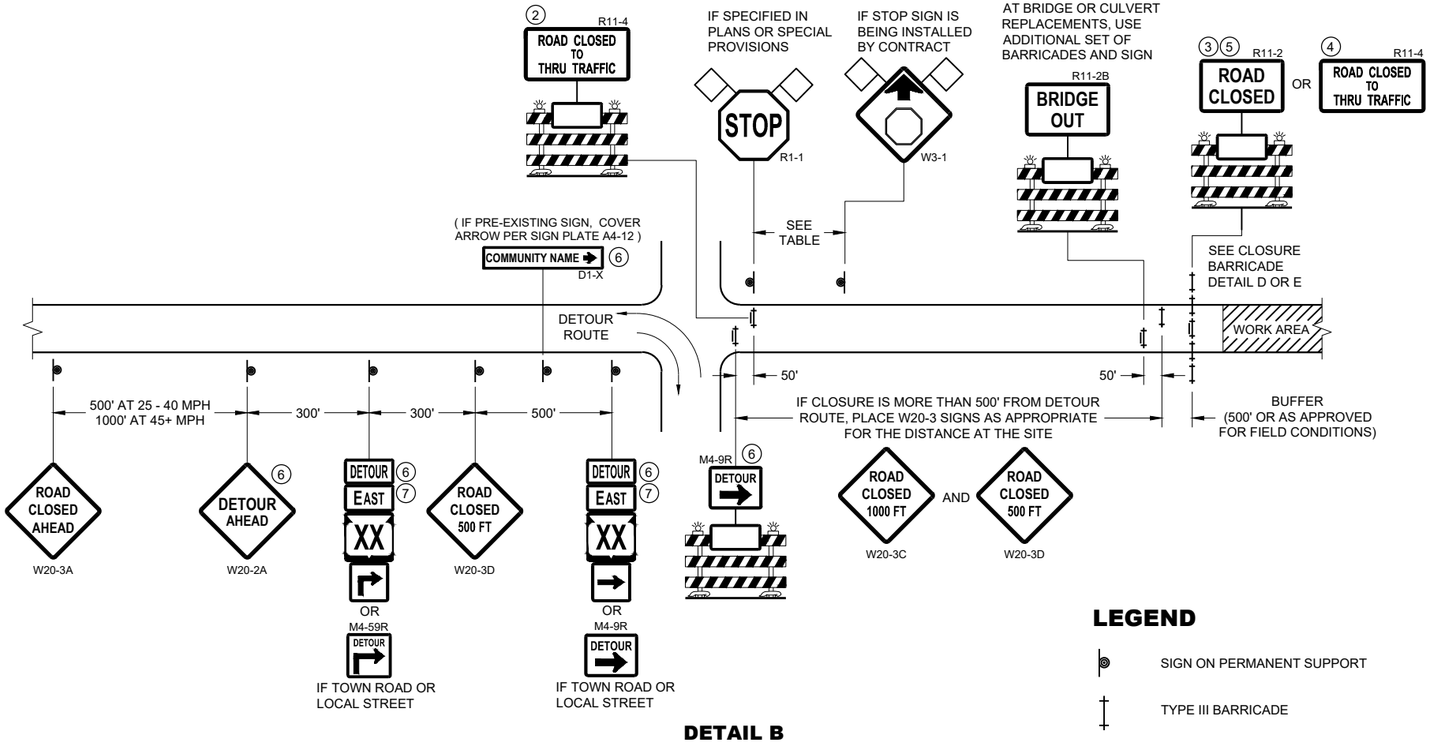
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APPROVED
4/4/2008 — DATE
/S/ Jerry H. [illegible] — ROADWAY STANDARDS ENGINEER
388
FHWA



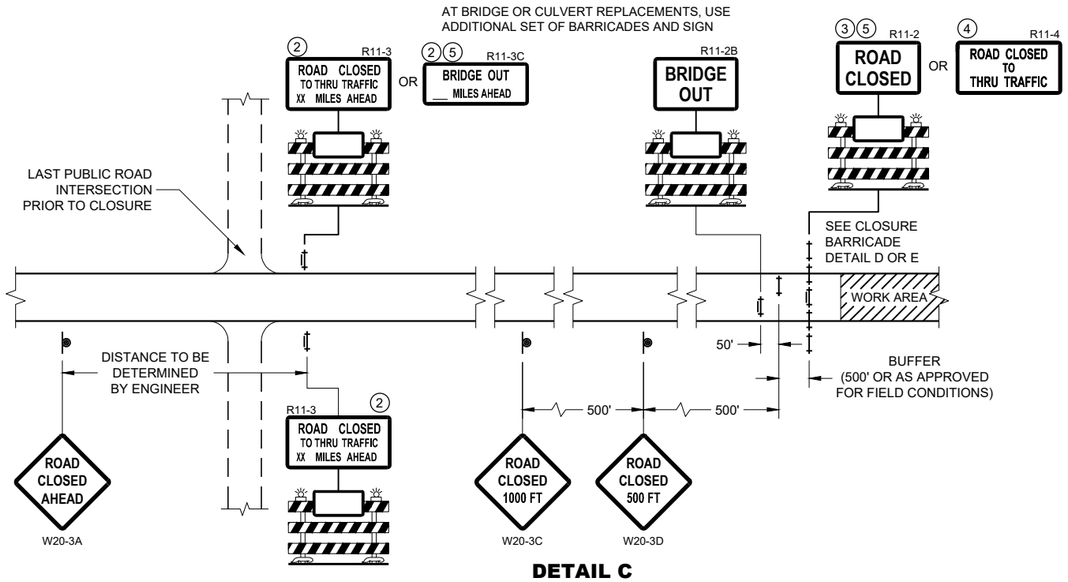
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b"
FOR GENERAL NOTES
AND FOOTNOTES ① THROUGH ⑦

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)

DETOUR M4 - 8
EAST M3 - X
XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
M05 - 1 OR M06 - 1

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

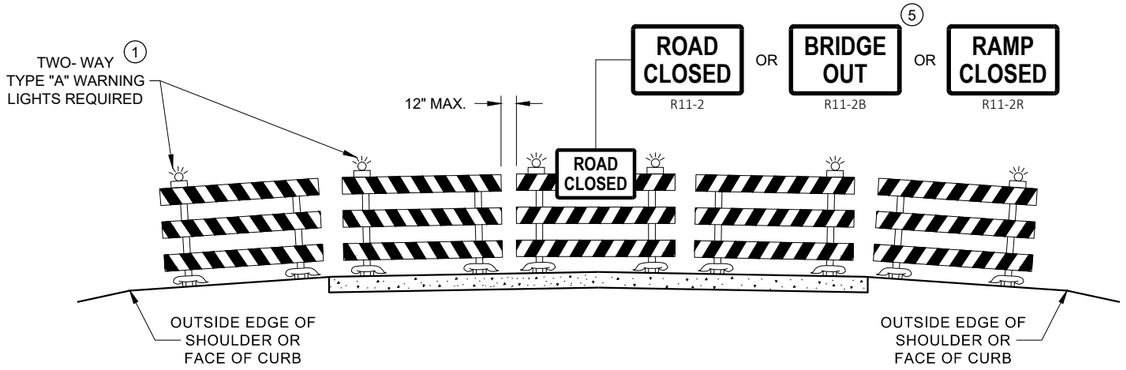
APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

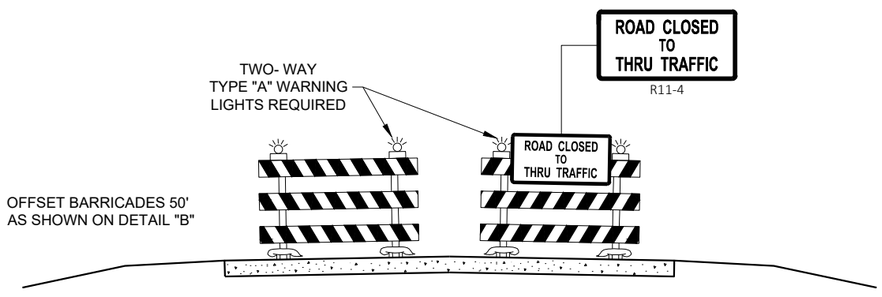
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SDD 15C02 - 08a

SDD 15C02 - 08a



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE", SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

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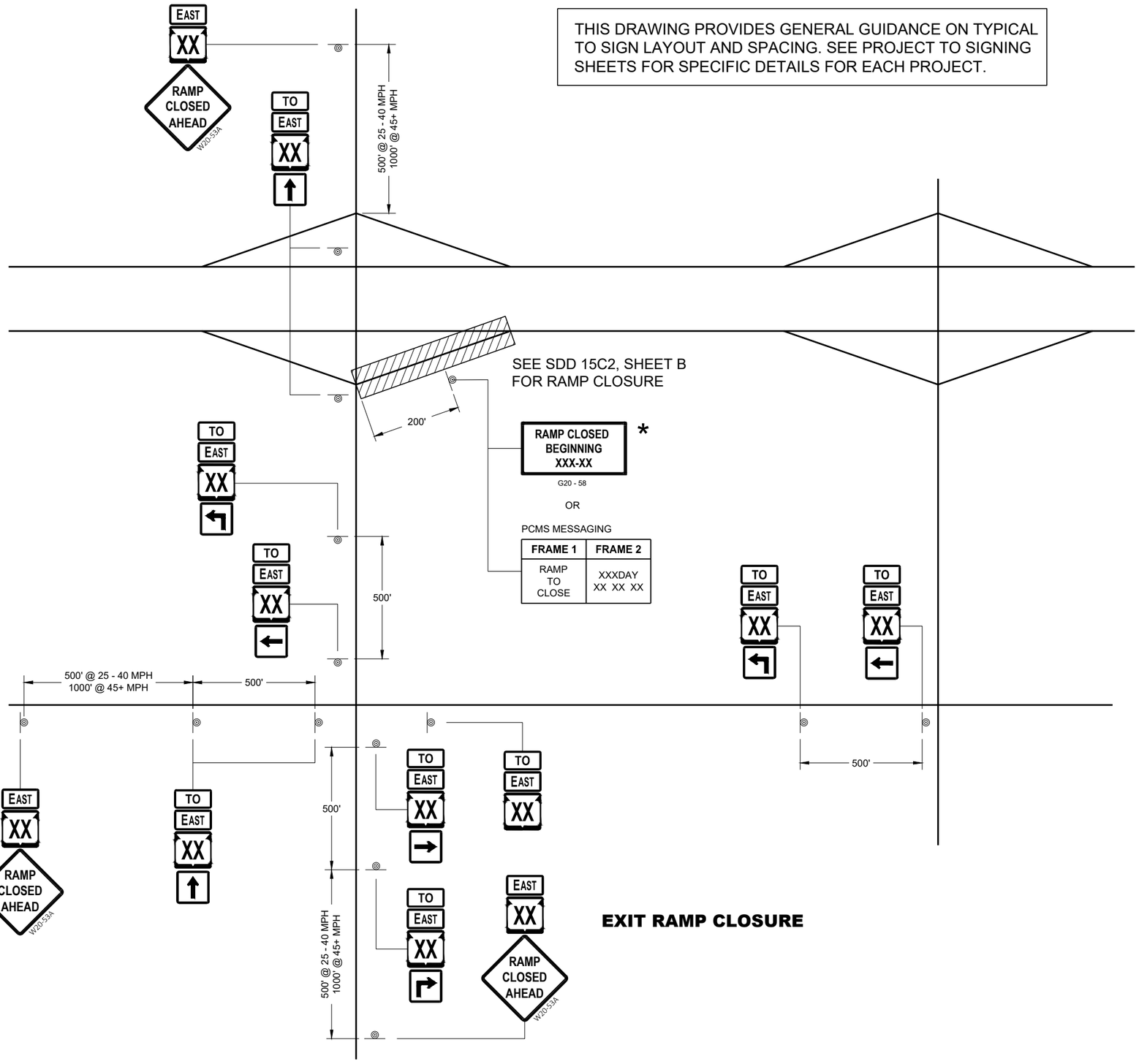
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February 2020
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EXIT RAMP CLOSURE

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL TO SIGN LAYOUT AND SPACING. SEE PROJECT TO SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

SIGN ON PERMANENT SUPPORT

TO EAST — MO4 - 5, M3 - X

XX M1 - 6 OR XX M1 - 4 OR INTERSTATE XX M1 - 1

M05 - 1 OR M06 - 1 OR M06 - 1

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

IF THERE ARE ANY ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE TO ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT TO SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND TO SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL " IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SIGNS THAT SHALL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOW:
- M3 - X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS).
- MO4 - 5 SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS).
- M1 - 1, M1 - 4, AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS).
- MO5 - 1, MO5 - 2, AND MO6 - 1, SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS).
- W20 - 53A SHALL BE 48" X 48"

* PLACE "RAMP CLOSED BEGINNING" SIGN 7 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR LAYOUT.

ON RAMP LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

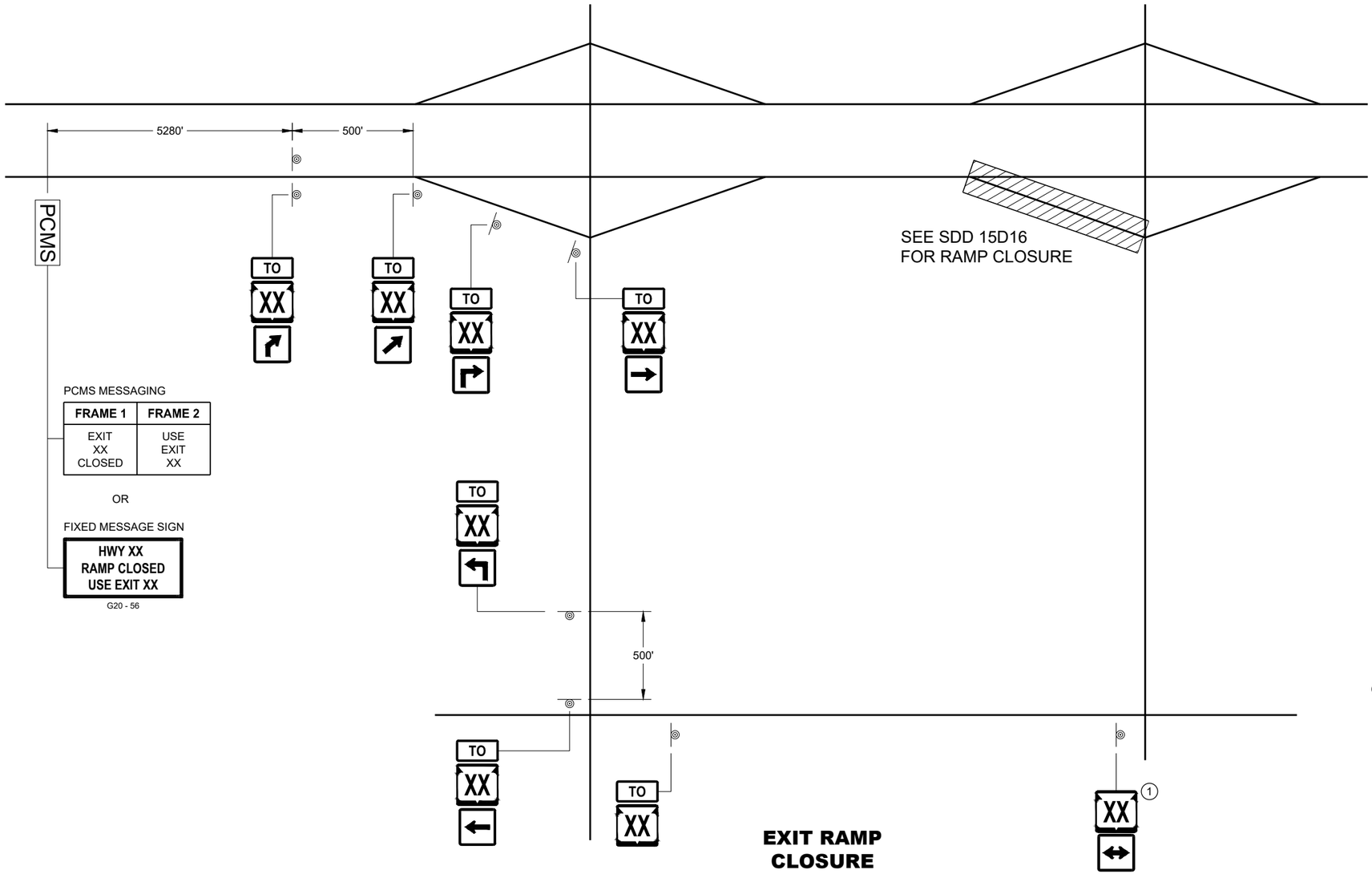
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THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL "TO" MO-4 SIGN LAYOUT AND SPACING. SEE PROJECT TO SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.



PCMS MESSAGING

FRAME 1	FRAME 2
EXIT XX CLOSED	USE EXIT XX

OR

FIXED MESSAGE SIGN

HWY XX
RAMP CLOSED
USE EXIT XX

G20 - 56

EXIT RAMP CLOSURE

LEGEND

SIGN ON PERMANENT SUPPORT

PCMS PORTABLE CHANGEABLE MESSAGE SIGN

TO MO4 - 5

XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A

M05 - 1 OR M05 - 2 OR M06 - 1 OR M06 - 2 OR M06 - 4

GENERAL NOTES

SEE SDD 15D16 "TRAFFIC CONTROL, EXIT RAMP CLOSURE" DETAIL FOR TRAFFIC CONTROL AT EXIT RAMP CLOSURE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

IF THERE ARE ANY ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE "TO" MO-4 ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT TO SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND "TO" MO-4 SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL " IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SIGNS THAT SHALL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOW:
- MO4 - 5 SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS).
- M1 - 4, M1 - 5A, AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS).
- MO5 - 1, MO5 - 2, AND MO6 - 1, SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS).

(1) ONLY ADD IF THERE ARE NO EXISTING ROUTE MARKERS FOR THE INTERSECTING ROADWAY.

OFF RAMP LANE CLOSURE

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DEPARTMENT OF TRANSPORTATION

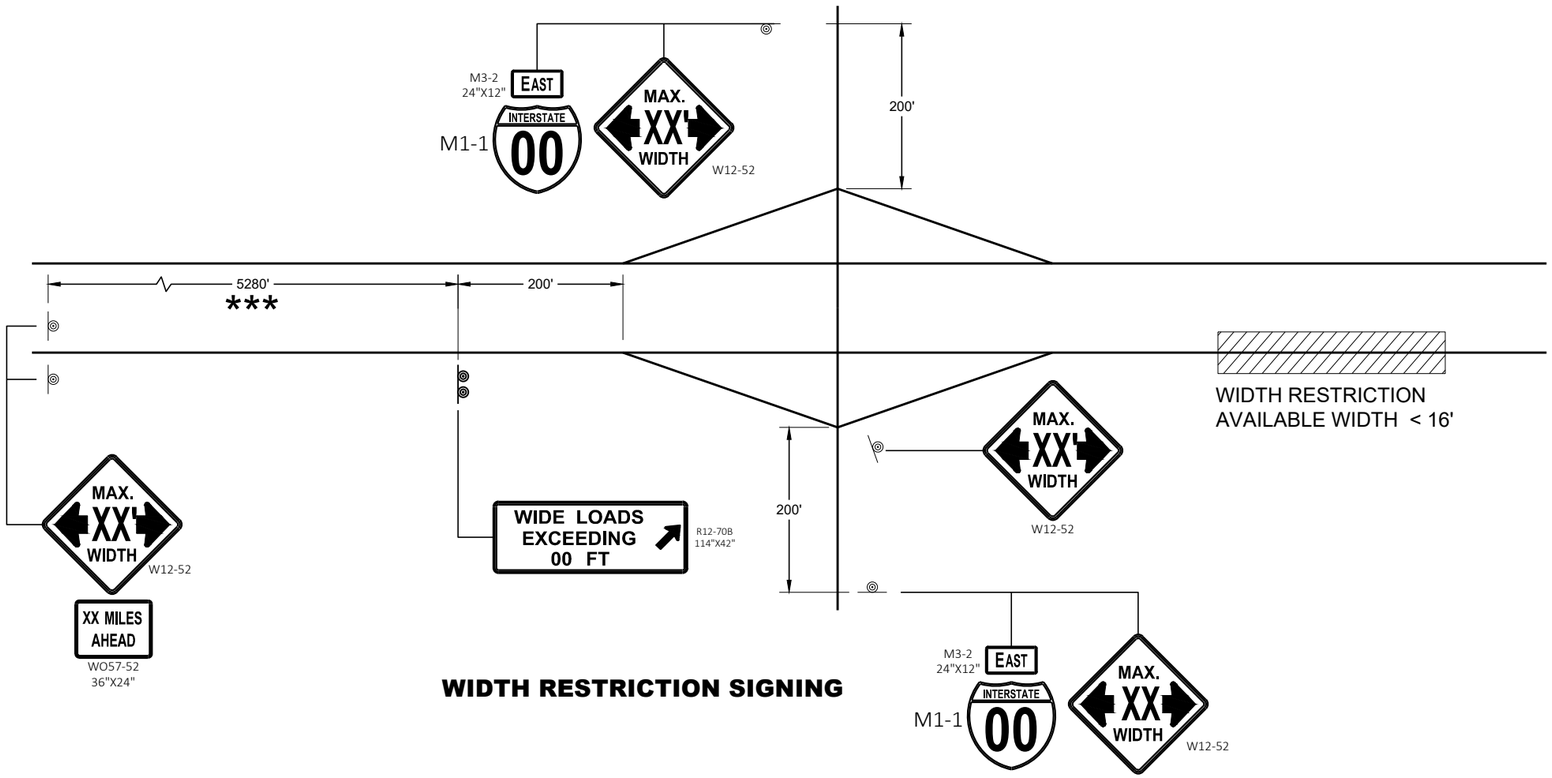
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WIDTH RESTRICTION SIGNING

LEGEND

SIGN ON PERMANENT SUPPORT

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL " IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

WIDTH ON SIGN TO BE APPROXIMATELY ONE FOOT LESS THAN AVAILABLE WIDTH.

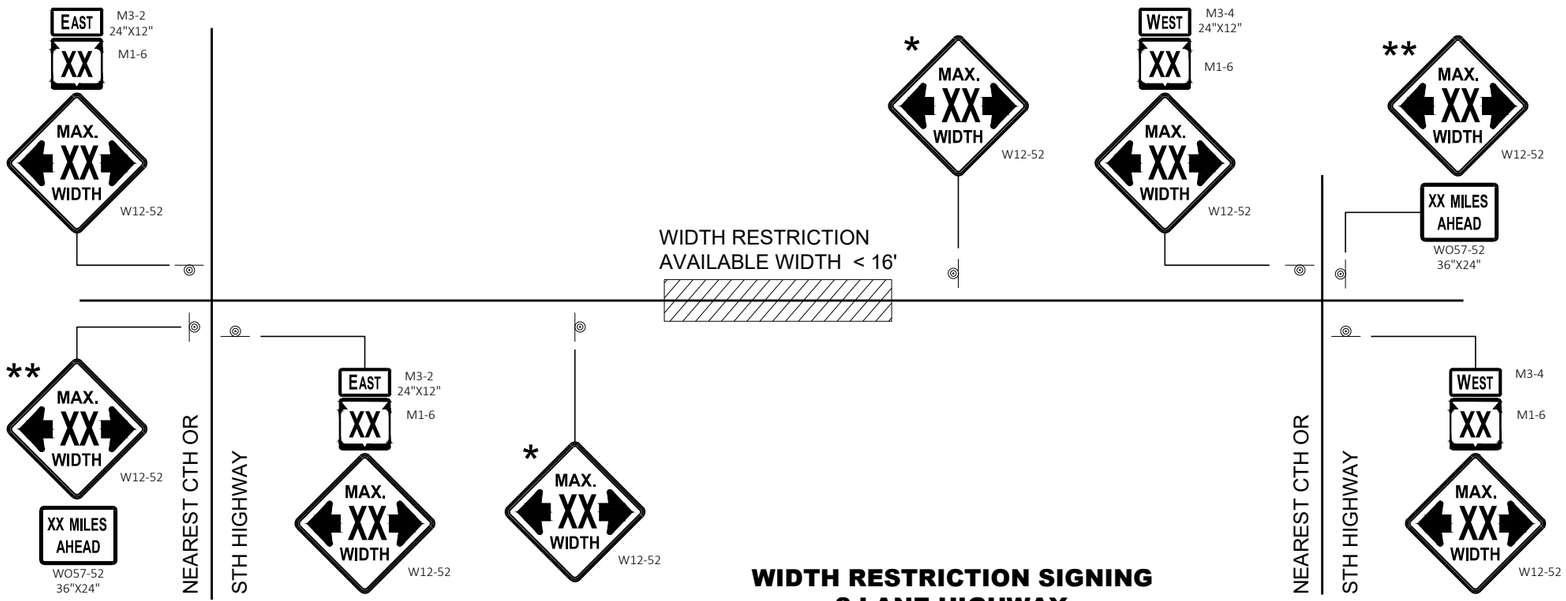
* PLACE 500 FEET AFTER THE W20 - 1A AND 500 FEET BEFORE ADDITIONAL SIGNS FOR ROADWAYS WITH A PRE - CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FOOT TYPICAL SPACING. FOR 25-30 MPH, USE 200 FOOT TYPICAL SPACING.

** SIGN SHALL BE VISIBLE FROM ROADWAY.

*** ADDITIONAL SIGNS NEEDED IF THERE IS AN ON RAMP BETWEEN SIGNS.



WIDTH ON SIGN TO BE APPROX. 1 - FOOT LESS THAN AVAILABLE WIDTH



WIDTH RESTRICTION SIGNING
2 LANE HIGHWAY

ADVANCED WIDTH RESTRICTION SIGNING

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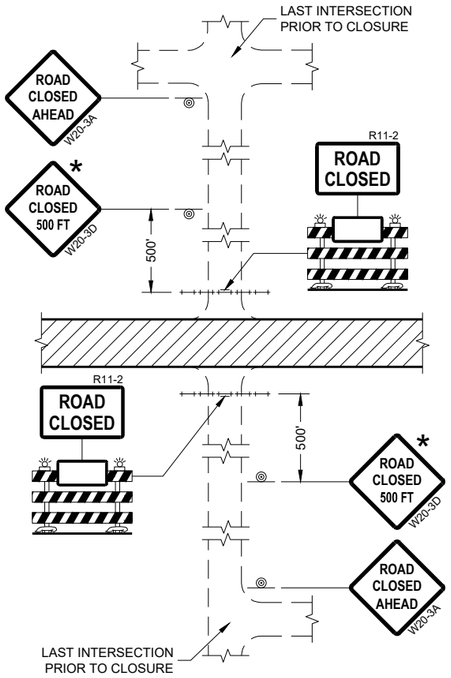
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/S/ Andrew Heidtke
WORK ZONE ENGINEE

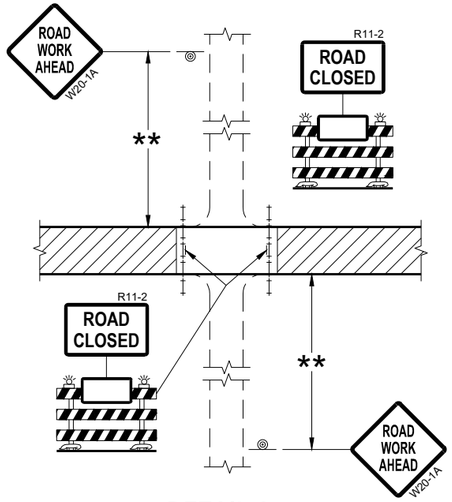
FHWA

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SDD 15C02 - 08f



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

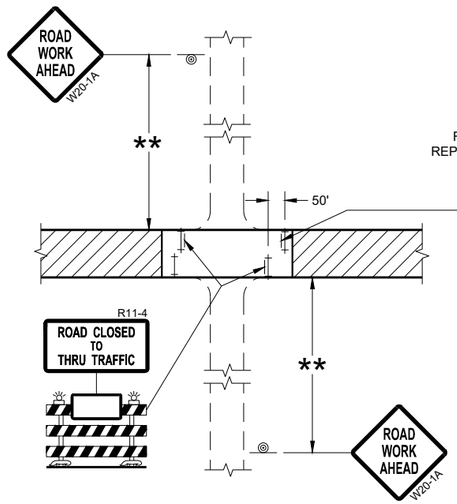
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

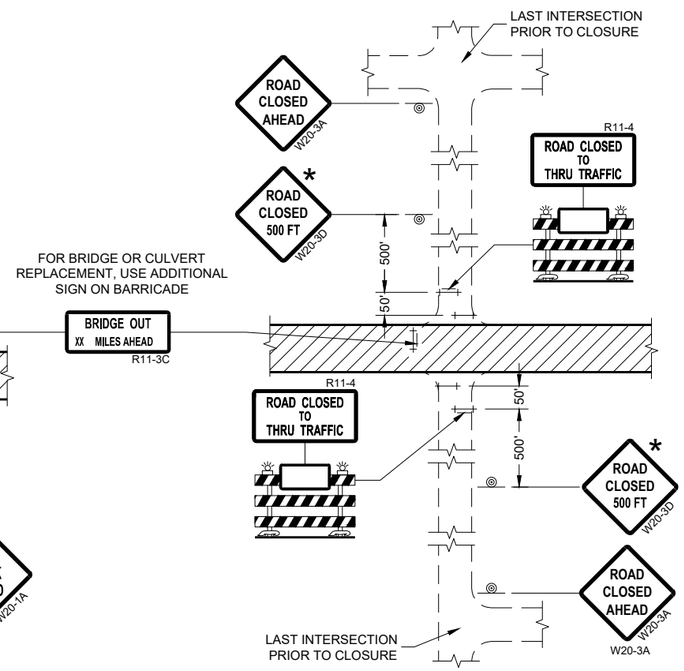
ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C03 - 05

SDD 15C03 - 05

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

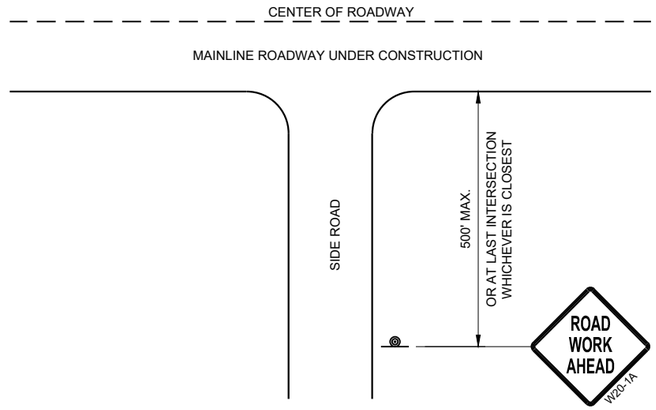
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



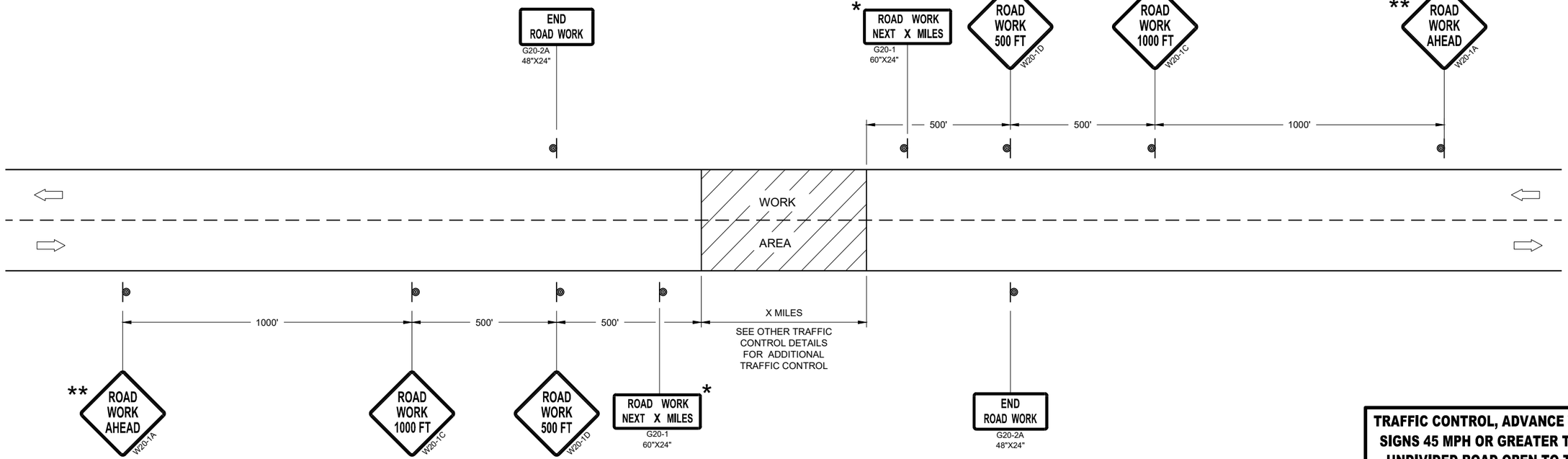
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

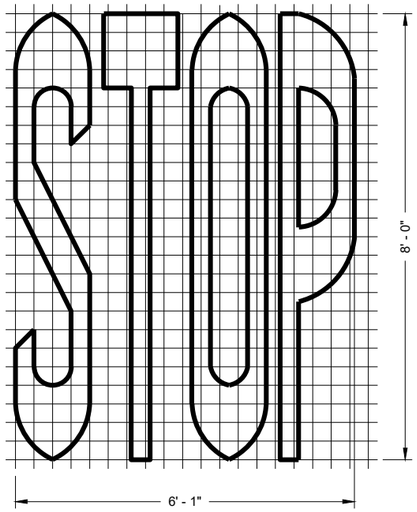
APPROVED
July 2018
DATE

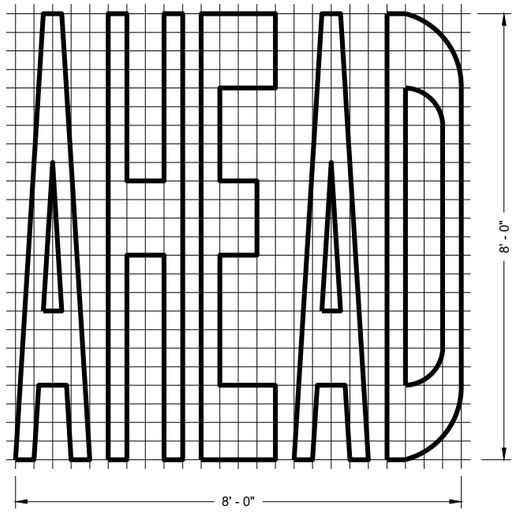
/S/ Andrew Heidtke
WORK ZONE ENGINEE

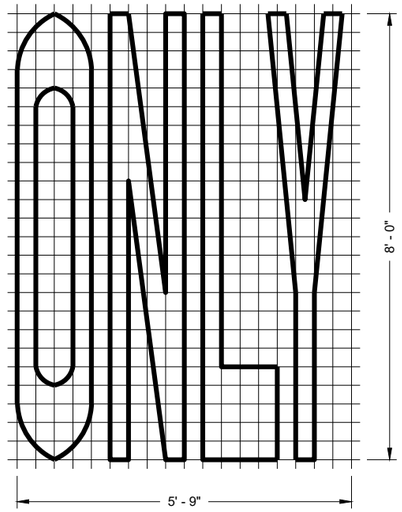
FHWA

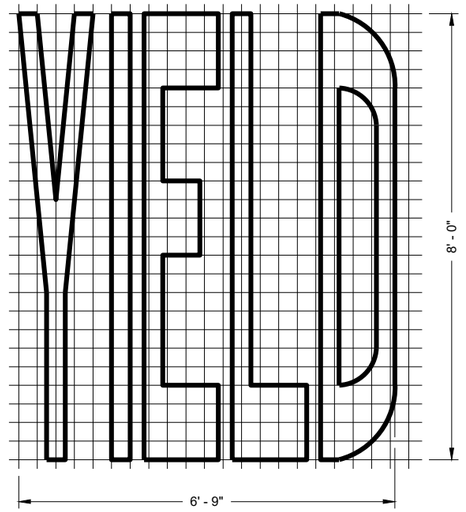
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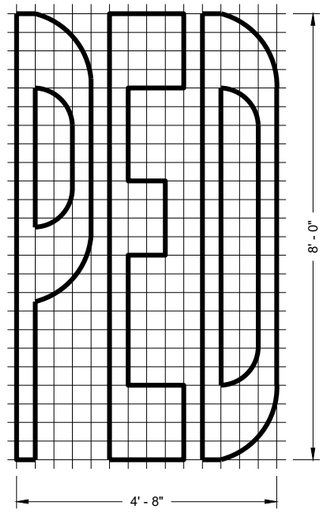
SDD 15C04 - 05

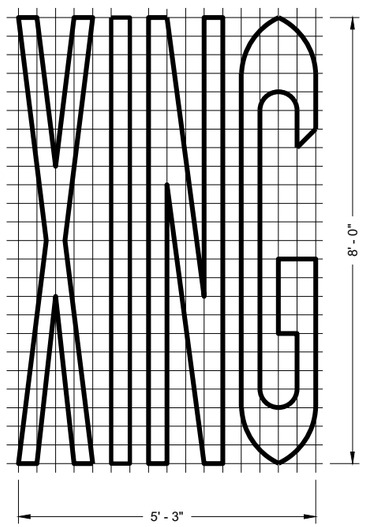


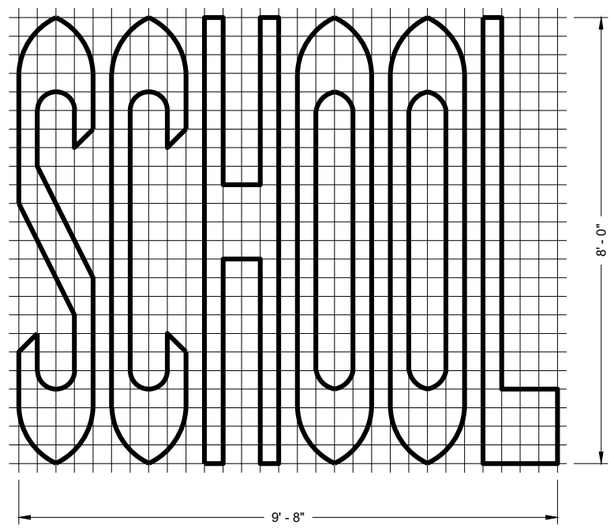




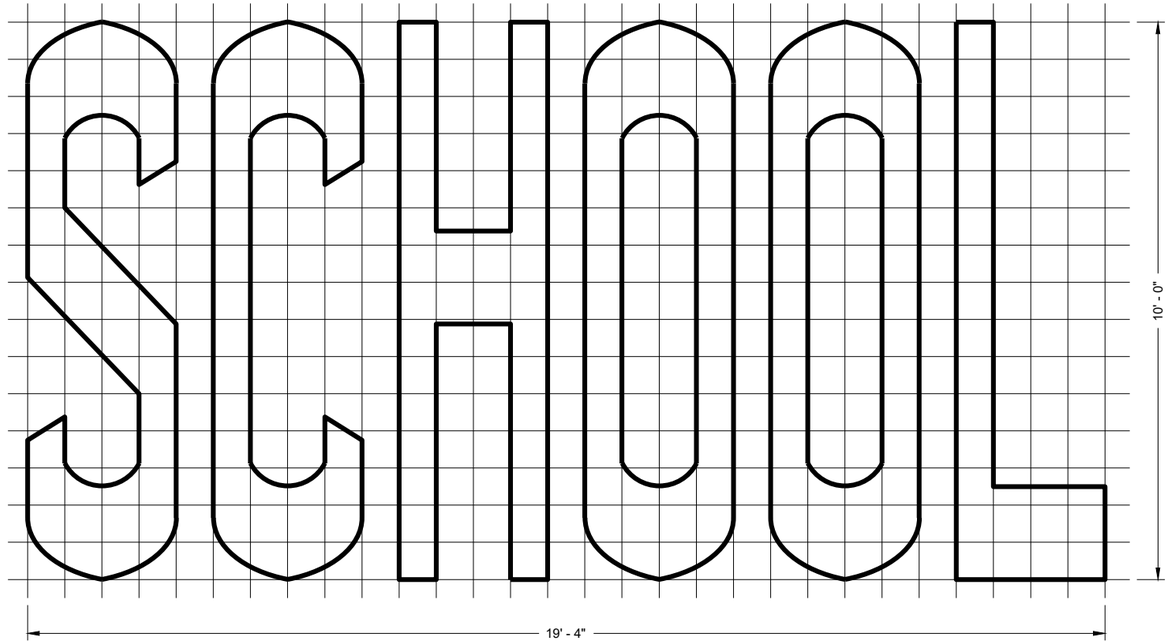








SINGLE LANE



TWO - LANE

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

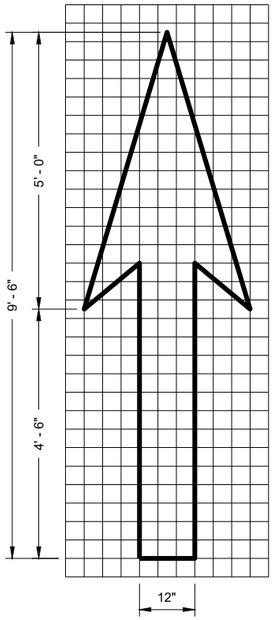
FHWA

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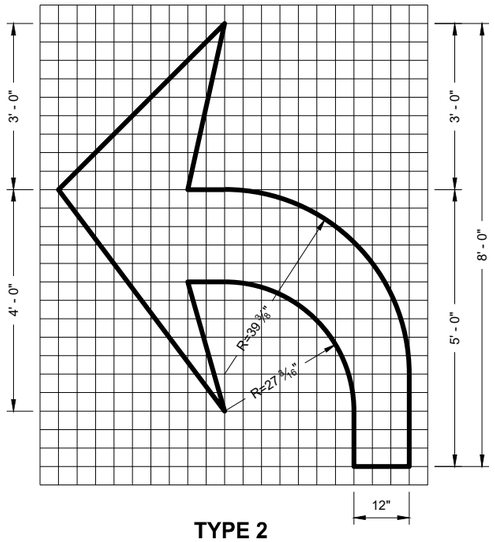
SDD 15C07 - 15b

GENERAL NOTES

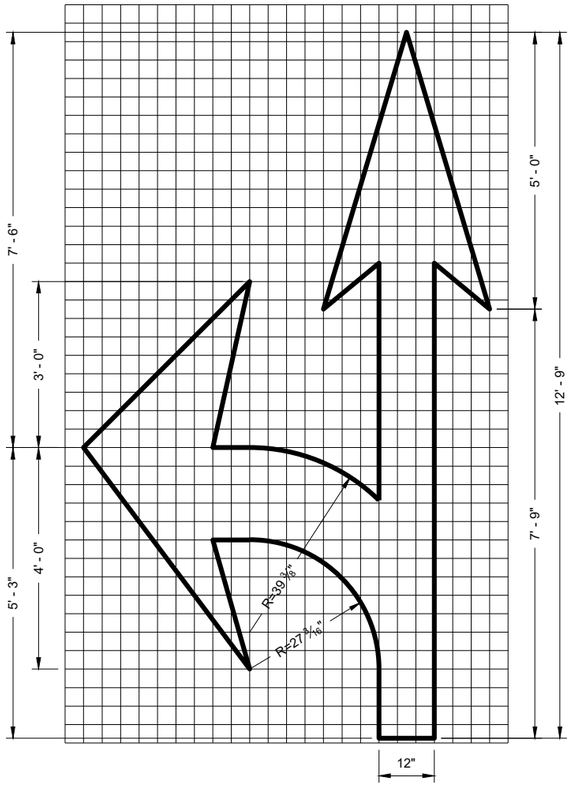
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



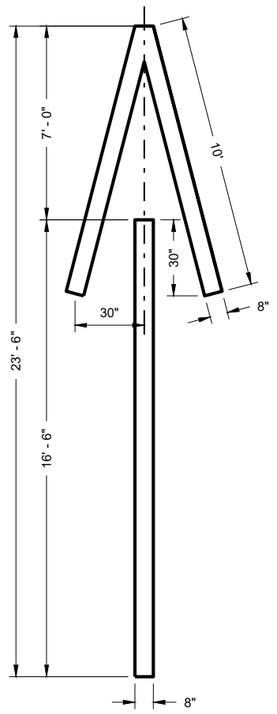
TYPE 1



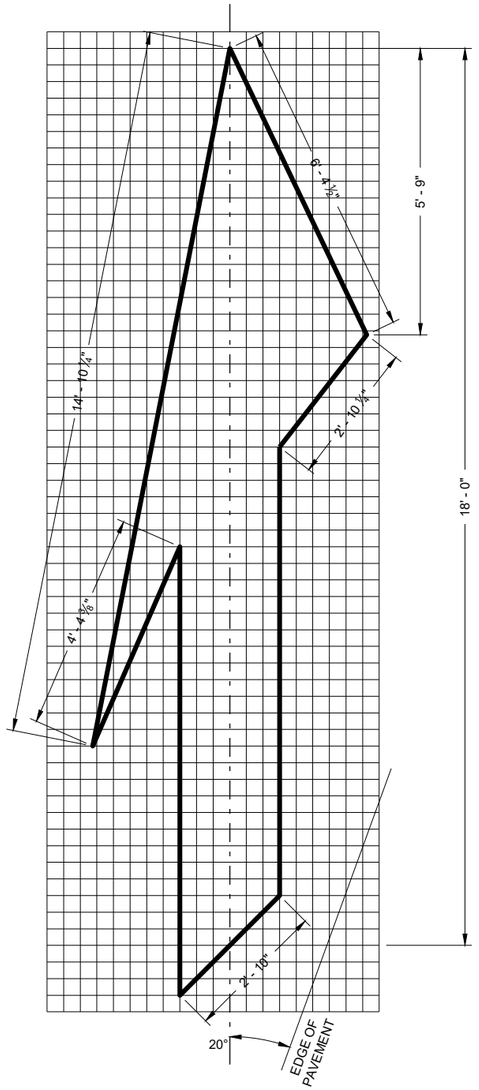
TYPE 2



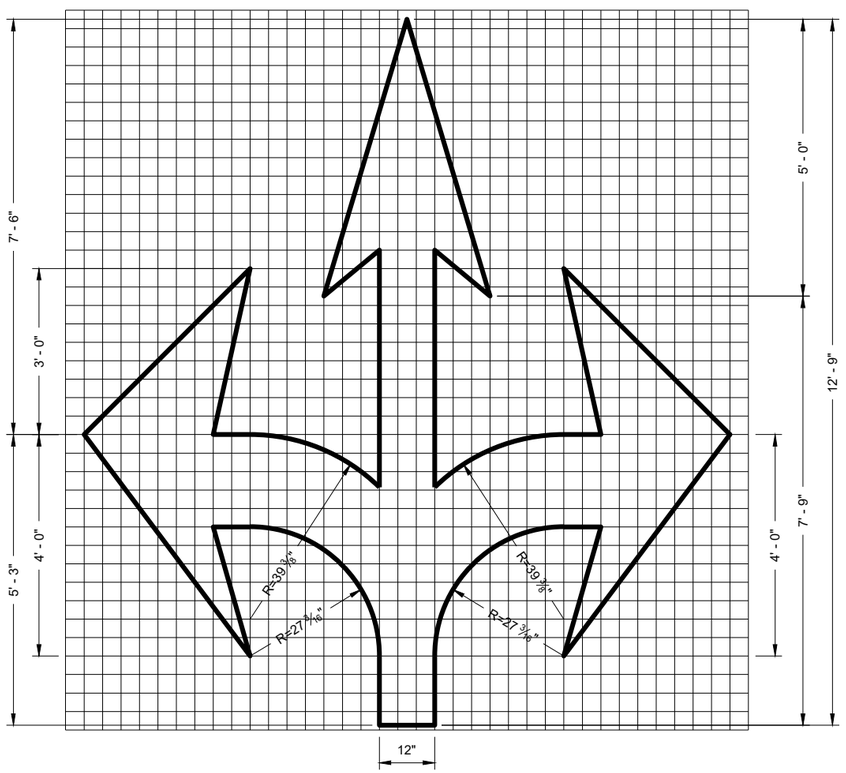
TYPE 3



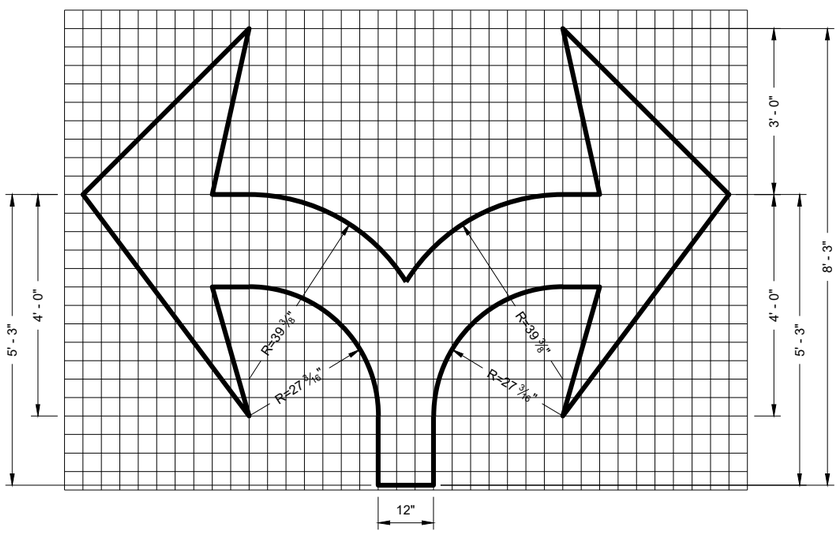
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

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SDD 15C07 - 15c

6

SDD 15C07 - 15c

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

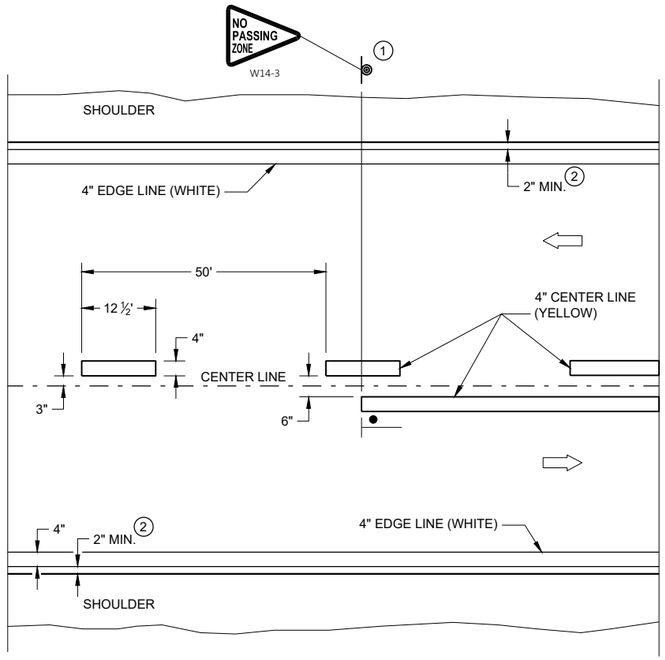
(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

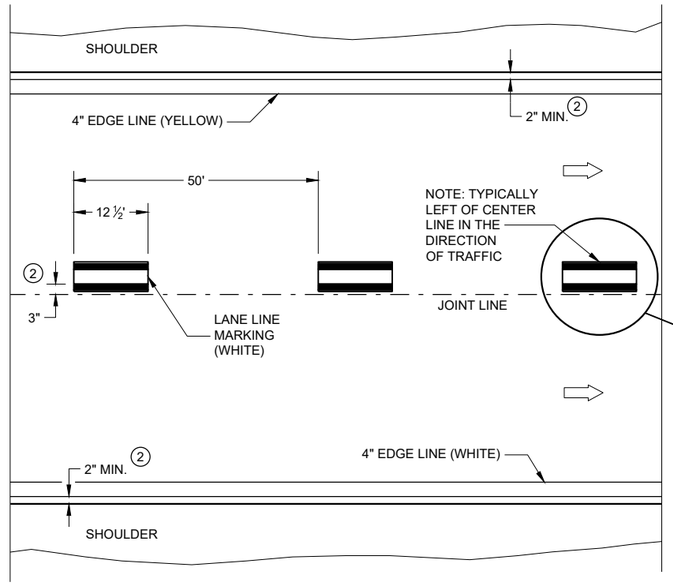
"T" MARKING

SIGN ON PERMANENT SUPPORT

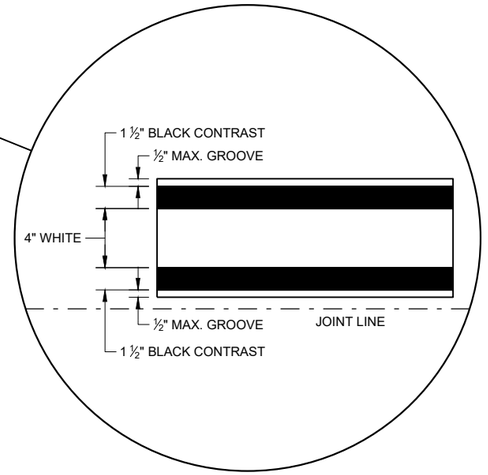
DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC



PERMANENT PAVEMENT MARKING

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Jeannie Silver — STATEWIDE SIGNING AND M ENGINEER

FHWA

6

SDD 15C08 - 22a

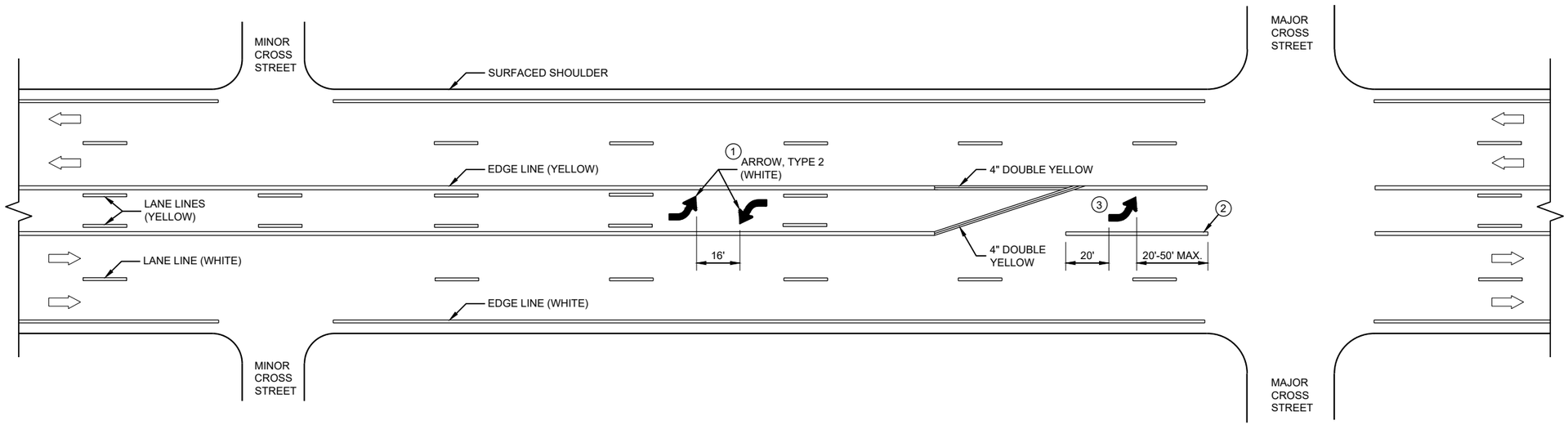
6

SDD 15C08 - 22a

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 8" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

DIRECTION OF TRAFFIC



TWO WAY LEFT TURN LANE

6

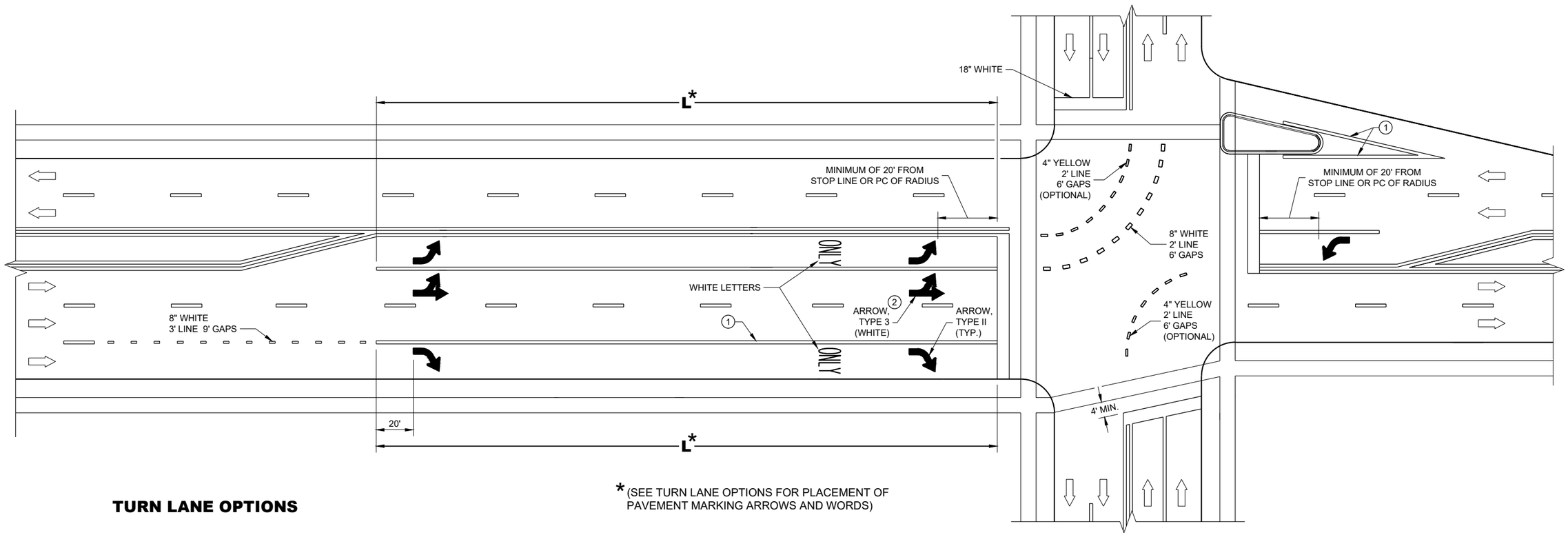
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SDD 15C08 - 22c

SDD 15C08 - 22c

PAVEMENT MARKING (TURN LANES)

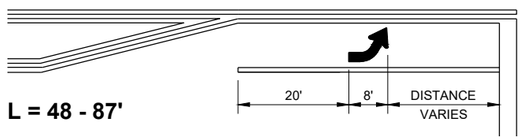
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



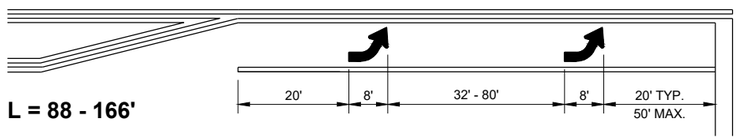
* (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

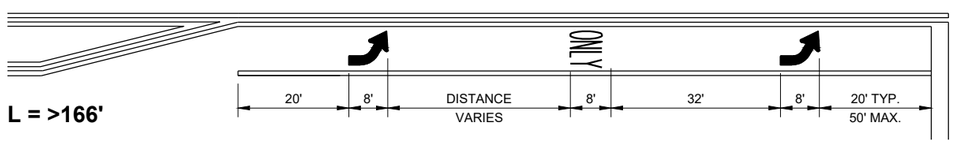
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. 8" WHITE
2. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

DIRECTION OF TRAFFIC

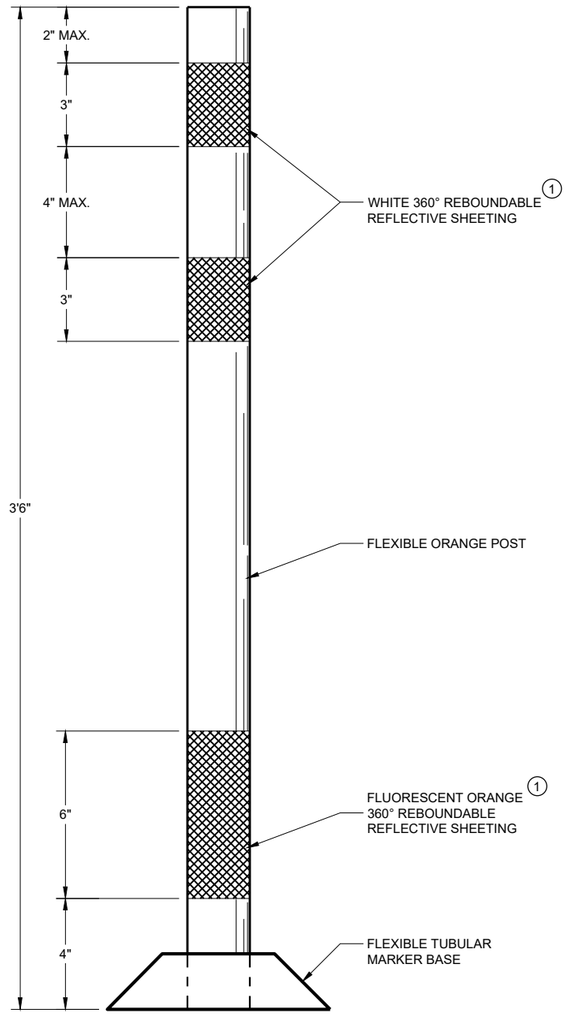
L = LENGTH OF TURN BAY

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C08 - 22d



FLEXIBLE TUBULAR MARKER POST WORK ZONE

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

6

CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

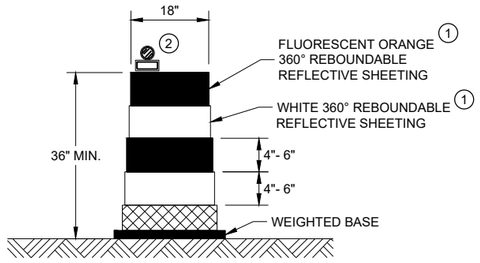
FHWA

SDD 15C11 - 09a

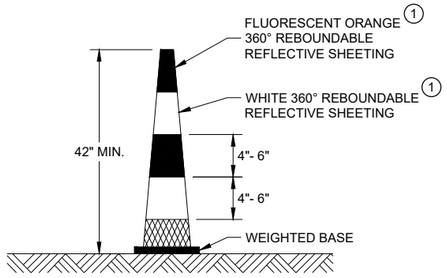
SDD 15C11 - 09a

GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.

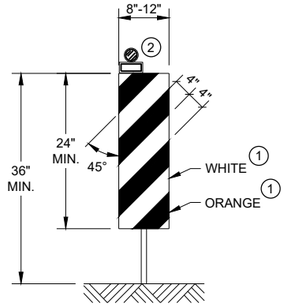


DRUM



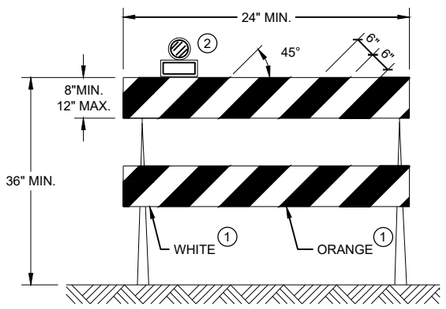
42" CONE

DO NOT USE IN TAPERS
½ SPACING OF DRUMS



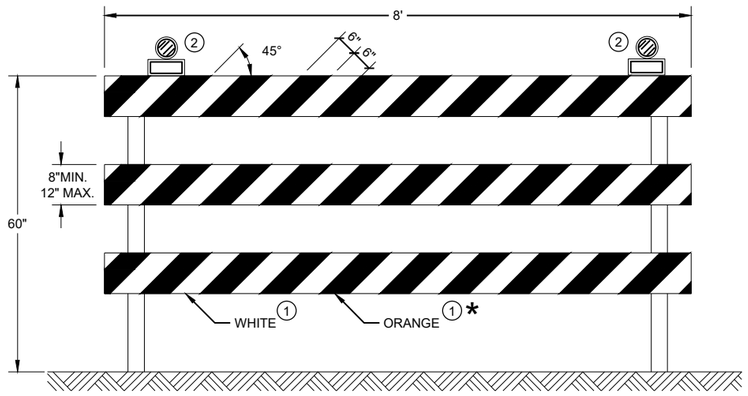
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C11 - 09b
SDD 15C11 - 09b

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

(1) FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

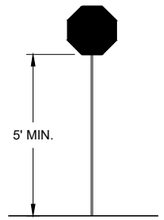
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.



STOP/SLOW PADDLE ON SUPPORT STAFF

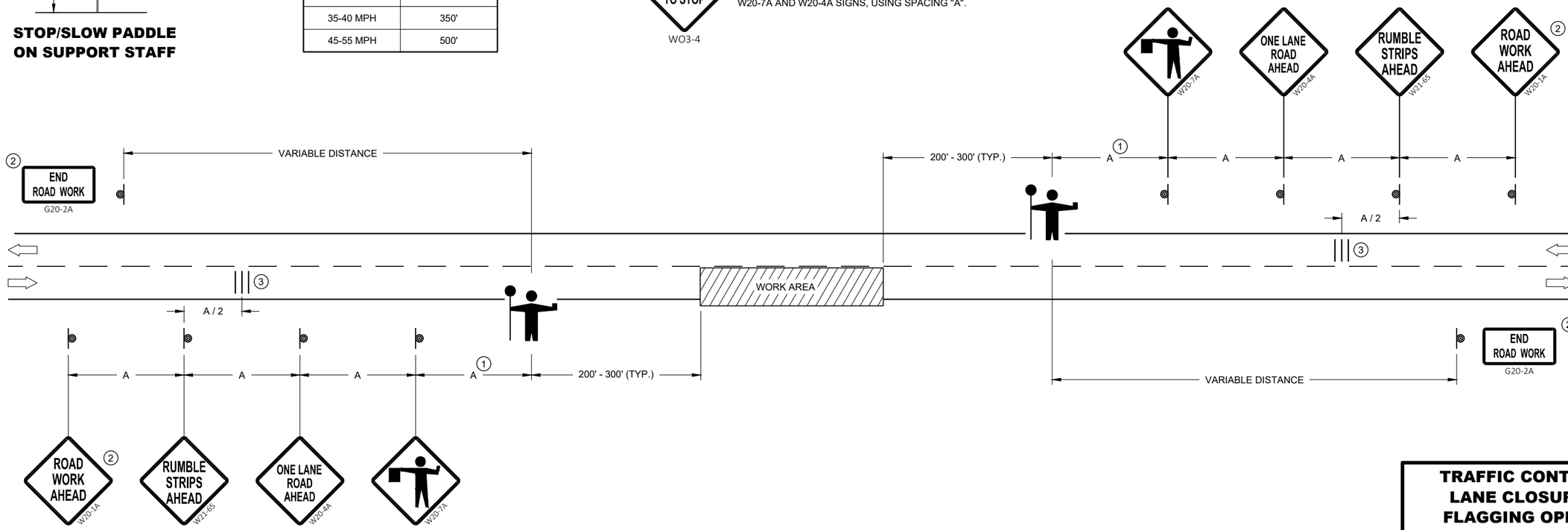
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C12 - 09a

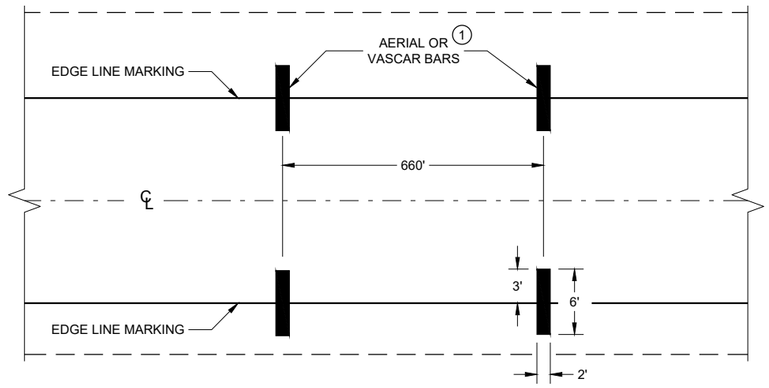
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SDD 15C12 - 09a

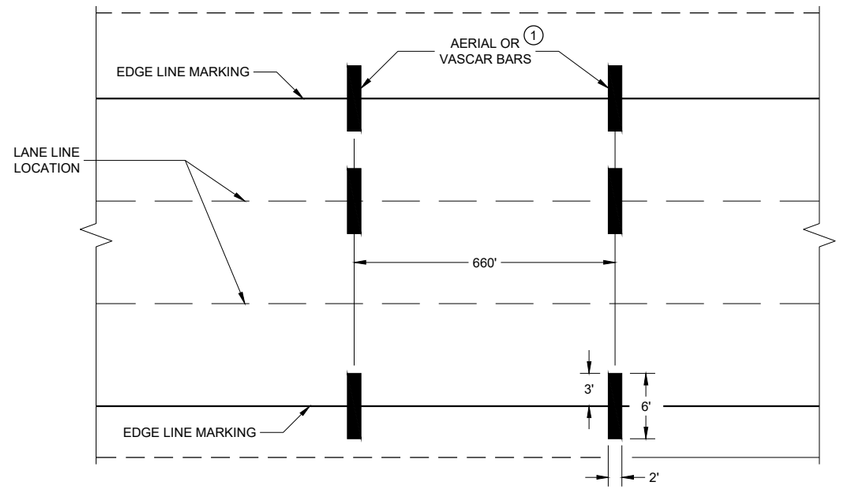
GENERAL NOTES

(1) PLACE TWO TO FIVE AERIAL OR VASCAR BARS AT 660 FOOT SPACING.

A CAR CAN BE PROVIDED BY THE WISCONSIN STATE PATROL FOR TRAFFIC CONTROL.



TYPICAL FOR TWO WAY OR ONE WAY TRAFFIC



TYPICAL FOR MULTILANE TRAFFIC

SPEED ENFORCEMENT ZONE WITH AERIAL OR VASCAR BARS

AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

February 2021
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR ENGINEER

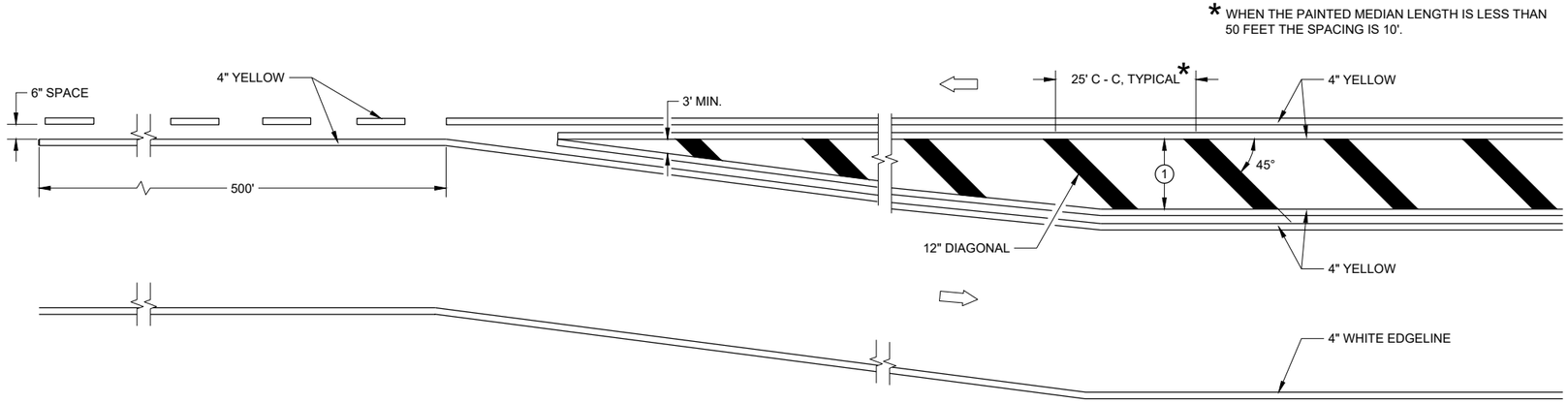
FHWA

6

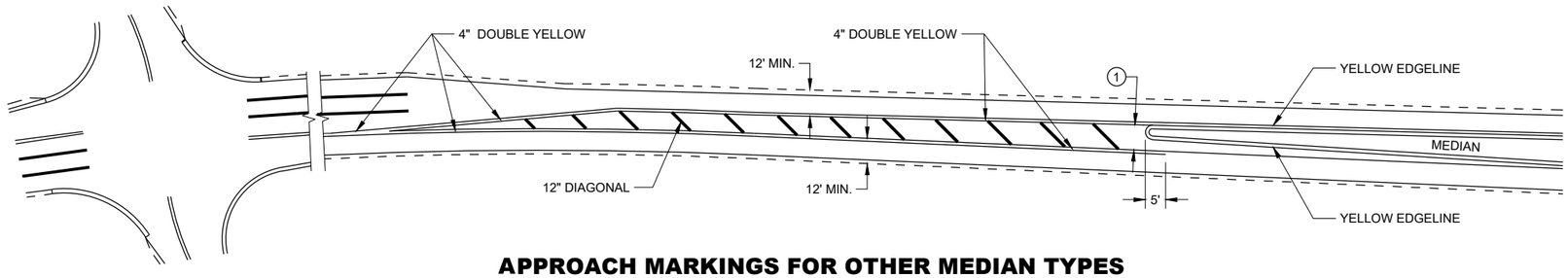
SDD 15C14 - 04

6

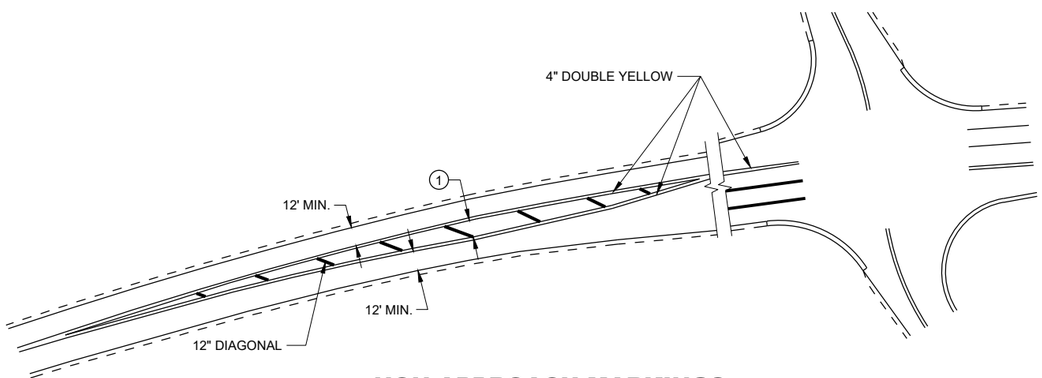
SDD 15C14 - 04



MEDIAN ISLAND DETAIL



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON-APPROACH MARKINGS

GENERAL NOTES

1. DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

⇨ DIRECTION OF TRAVEL

6

SDD 15C18 - 06a

MEDIAN ISLAND PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

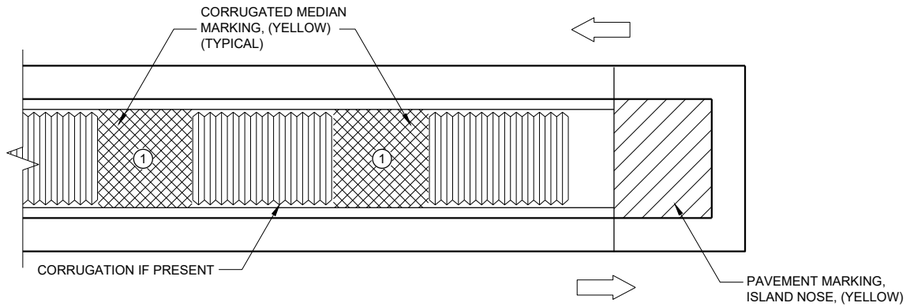
APPROVED
May 2022
DATE

/S/ Jeannie Silver
STATE SIGNING AND MAF ENGINEER

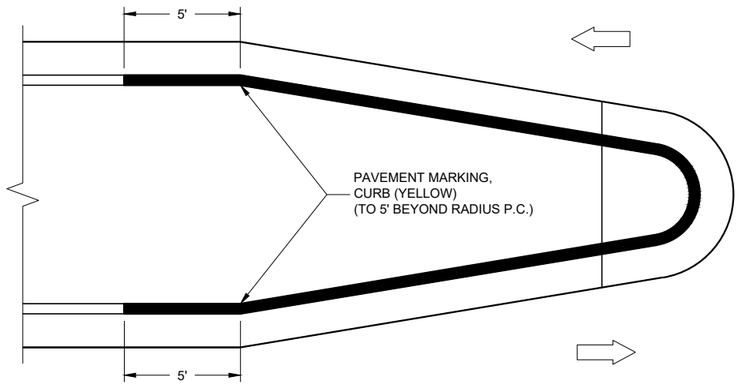
FHWA

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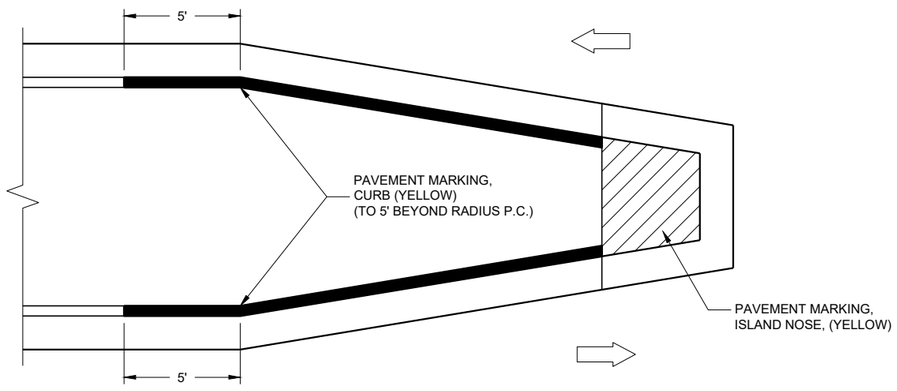
SDD 15C18 - 06a



MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL

PAVEMENT MARKINGS, MEDIAN ISLAND NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2022
DATE

/S/ Jeannie Silver
STATE SIGNING AND MAR ENGINEER

FHWA

6

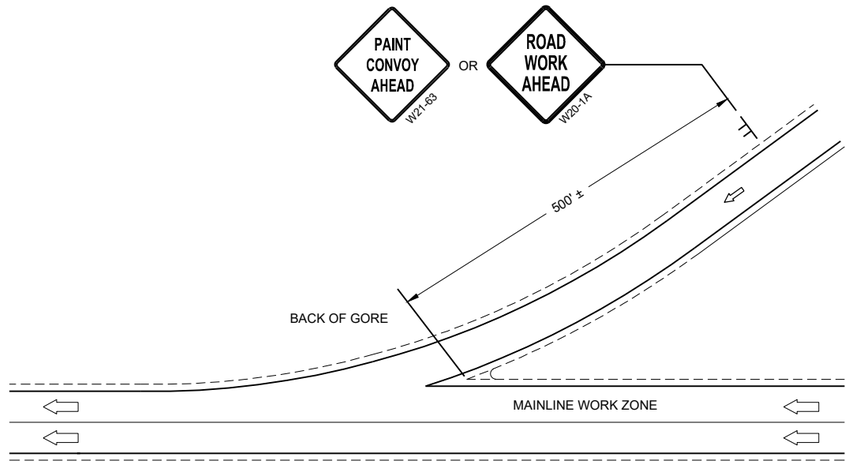
SDD 15C18 - 06b

6

SDD15C18 - 06b

LEGEND

- V1 MARKING VEHICLE
- V2 SHADOW VEHICLE
- V3 TRAIL VEHICLE
- TRUCK MOUNTED ATTENUATOR (TMA)
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- FLASHING ARROW PANEL (MERGE)
- FLASHING ARROW PANEL (CAUTION)



GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

IF THE SHOULDER IS TOO NARROW TO ACCOMMODATE THE LAST TRAILING VEHICLE, THE VEHICLE SHOULD STRADDLE THE EDGE LINE.

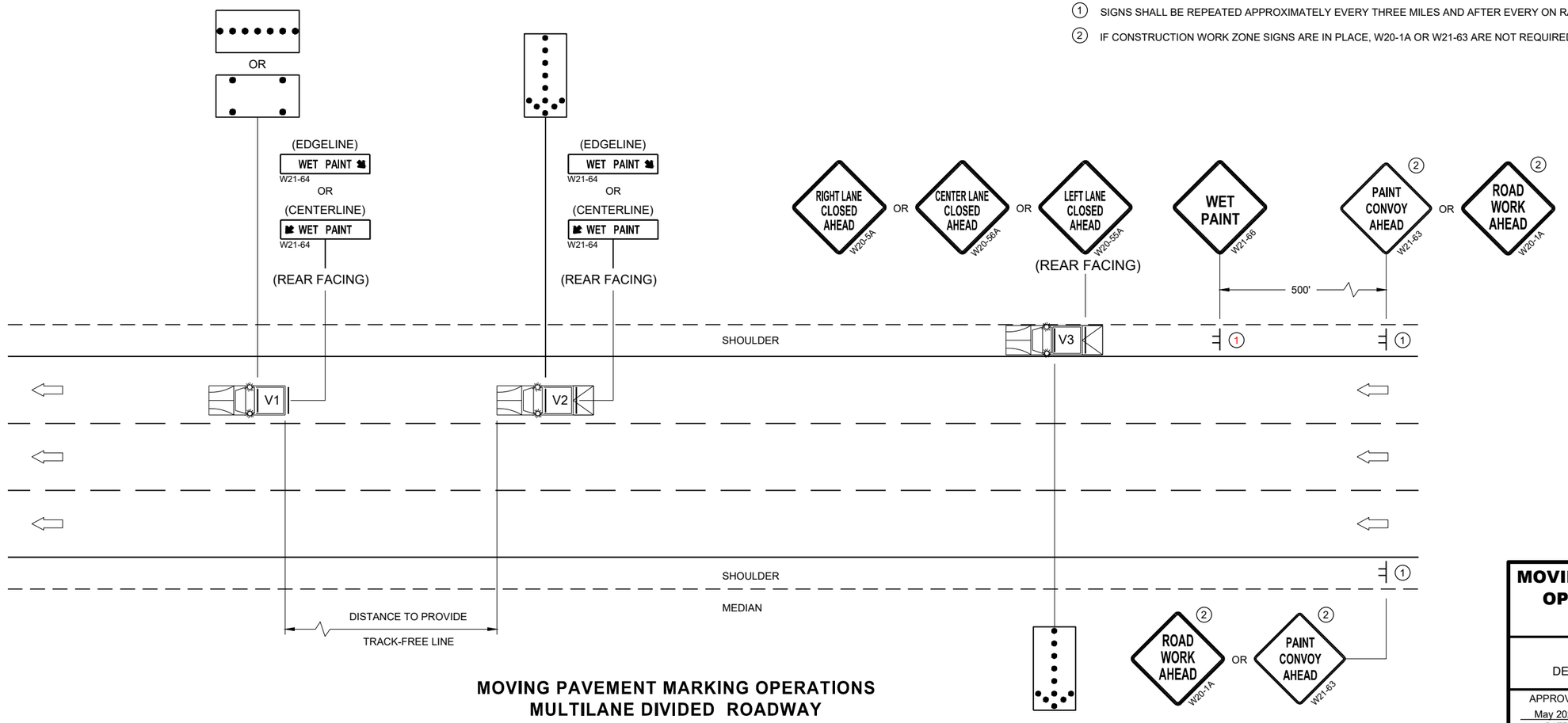
WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY ON RAMP.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



MOVING PAVEMENT MARKING OPERATIONS
MULTILANE DIVIDED ROADWAY

MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

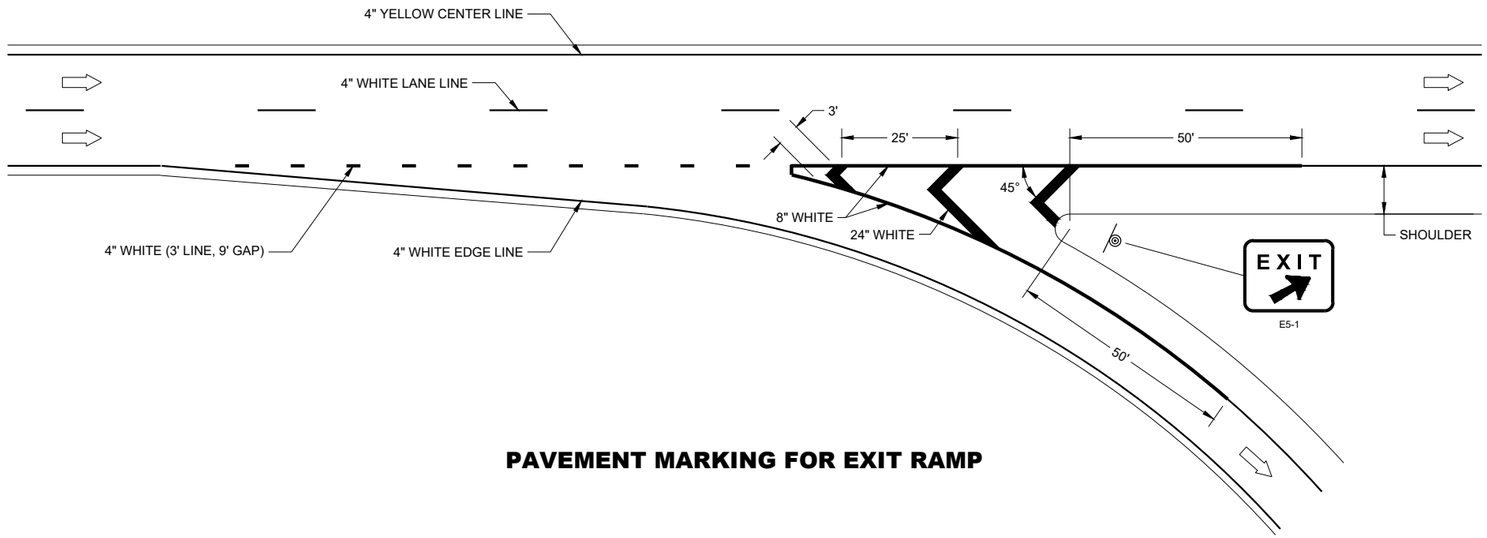
FHWA

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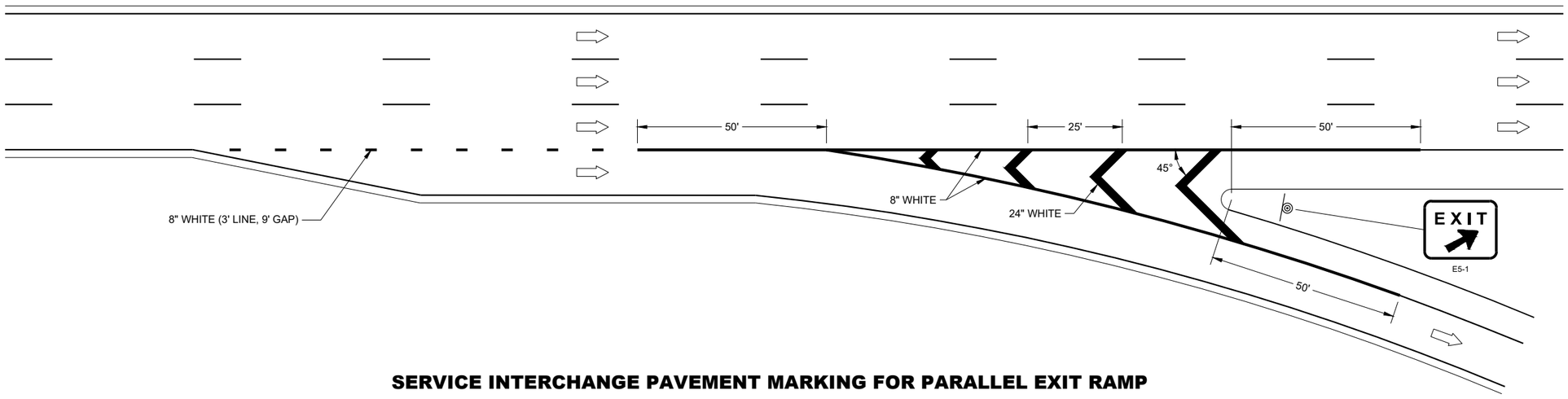
SDD15C19 - 07c

6

SDD15C19 - 07c



PAVEMENT MARKING FOR EXIT RAMP



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT RAMP

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAVEL

6

SDD 15C31 - 04a

PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C31 - 04a

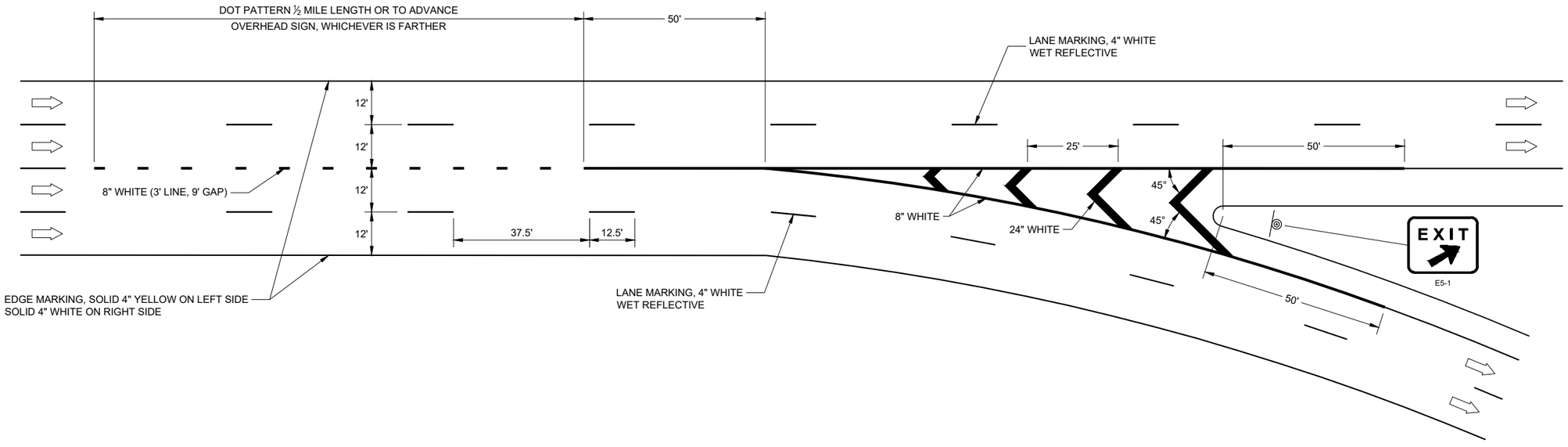
GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAVEL



PAVEMENT MARKING, MAJOR SPLIT FREEWAY TO FREEWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C31 - 04b

6

SDD 15C31 - 04b

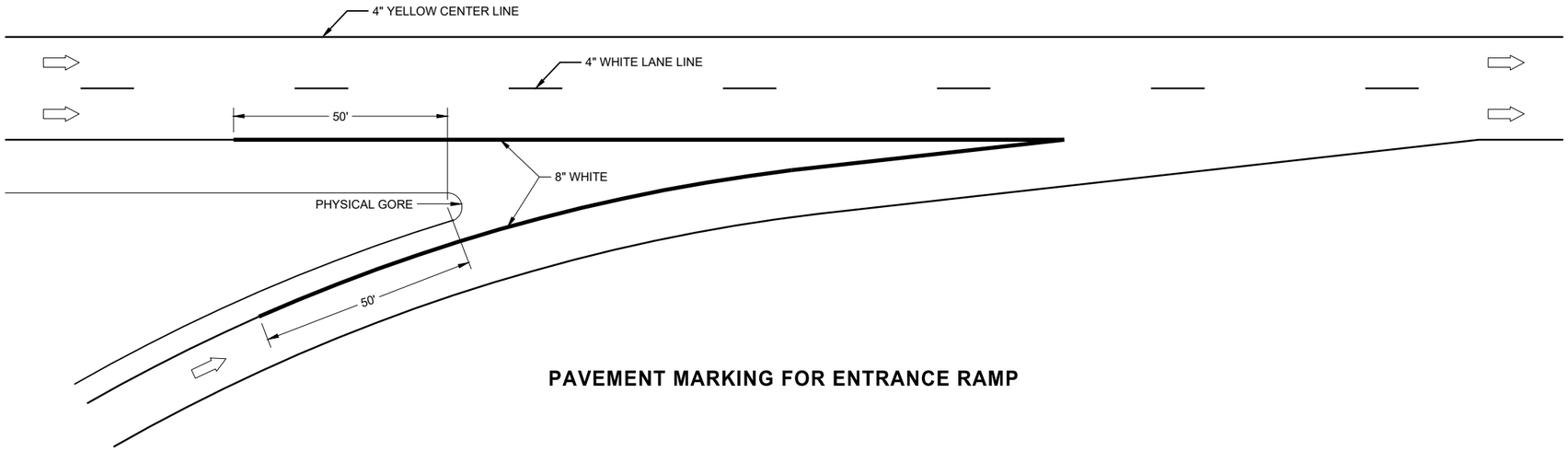
GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

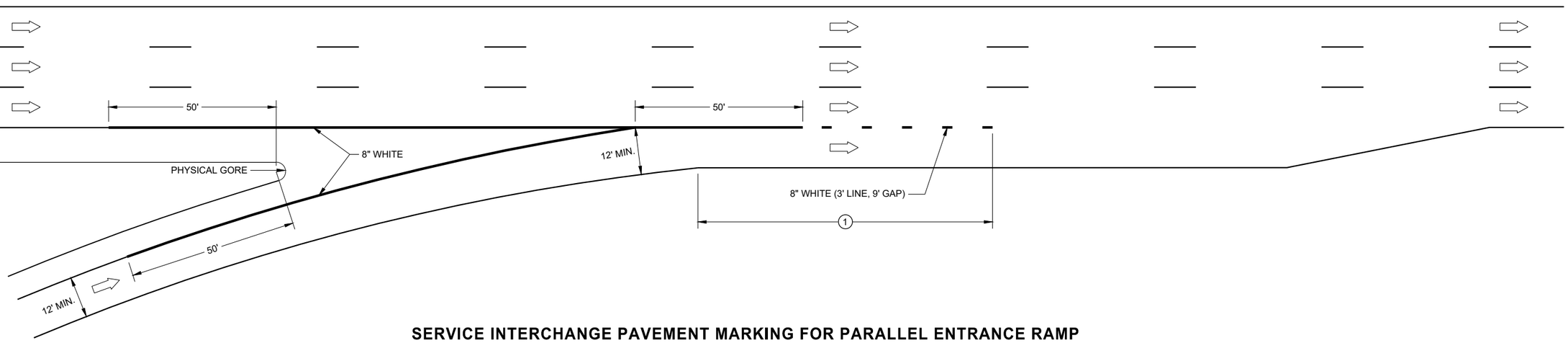
(1) ½ LENGTH OF FULL WIDTH ACCELERATION LANE.

LEGEND

DIRECTION OF TRAVEL



PAVEMENT MARKING FOR ENTRANCE RAMP



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL ENTRANCE RAMP

6

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SDD 14C31 - 04c

SDD 14C31 - 04c

PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP

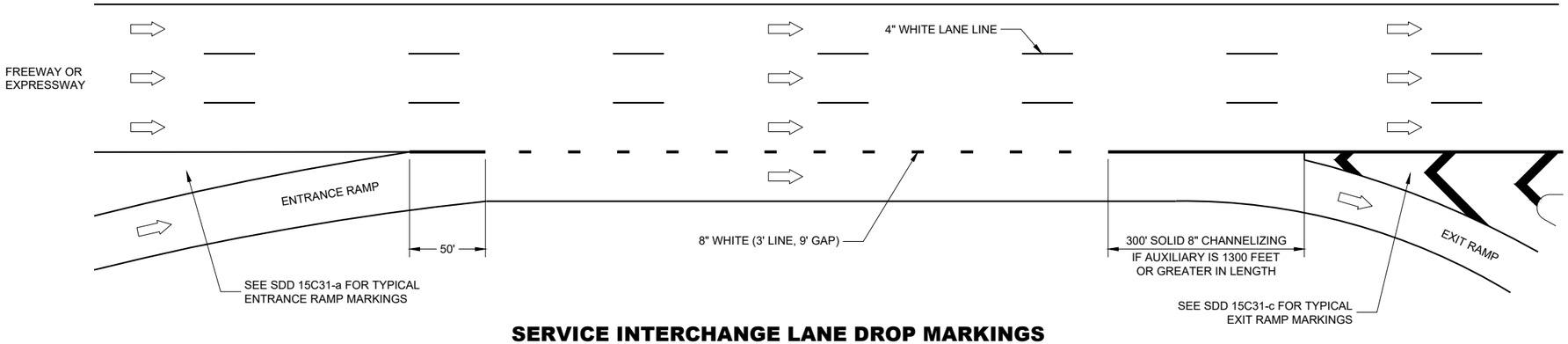
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

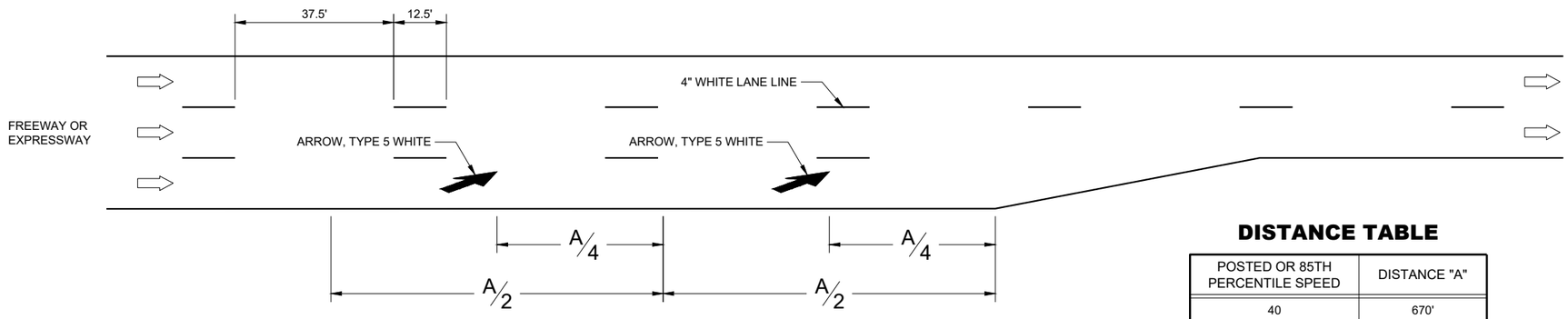
DIRECTION OF TRAVEL

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.



SERVICE INTERCHANGE LANE DROP MARKINGS



LANE REDUCTION MARKINGS

DISTANCE TABLE

POSTED OR 85TH PERCENTILE SPEED	DISTANCE "A"
40	670'
45	775'
50	885'
55	990'
60	1100'
65	1200'
70	1250'

PAVEMENT MARKING, LANE DROP AND LANE REDUCTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021 — DATE
/S/ Matthew Rauch — STATE MARKING AND SIG ENGINEER

FHWA

6

SDD 15C31 - 04d

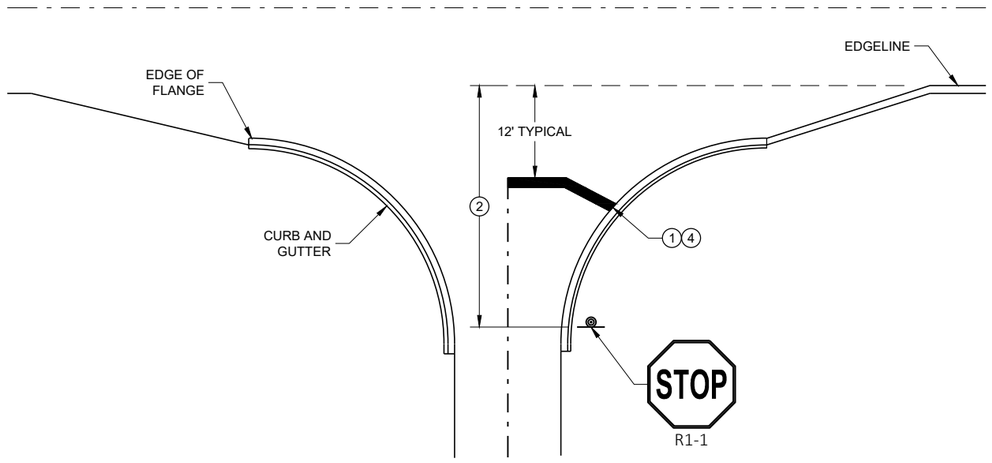
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SDD 15C31 - 04d

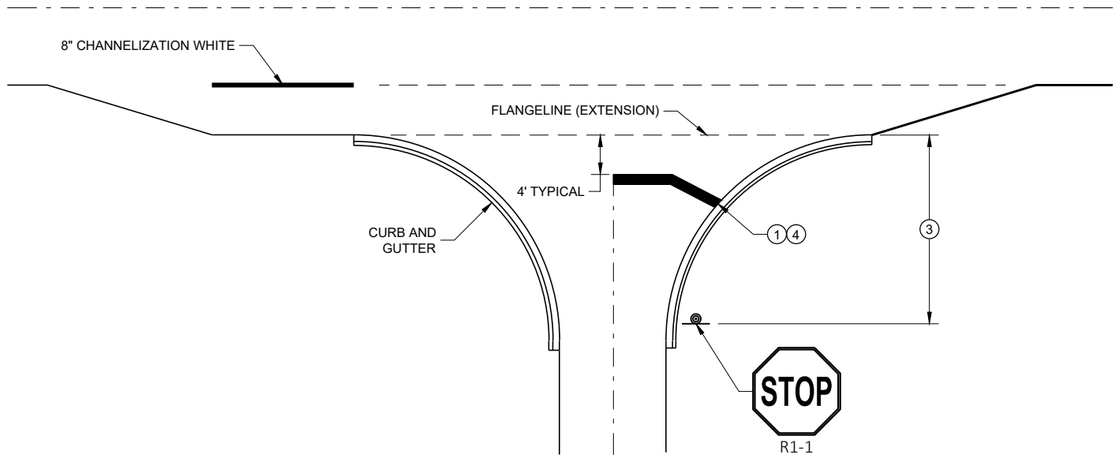
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

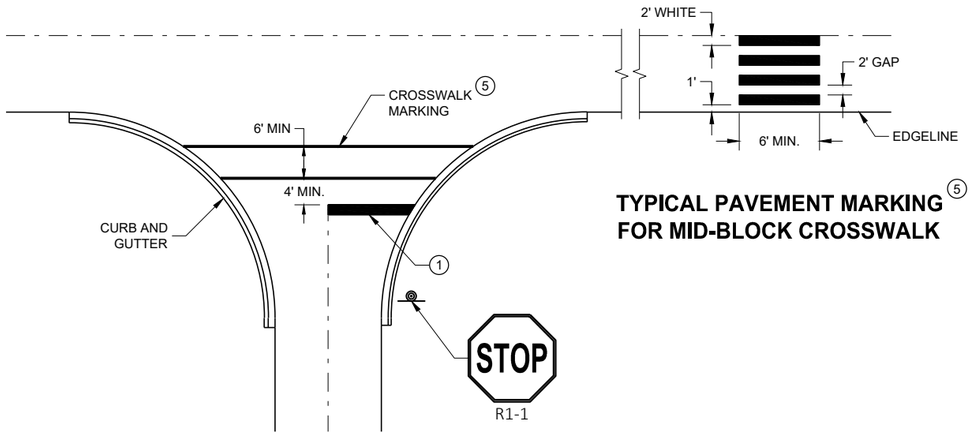
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES INSTEAD.



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

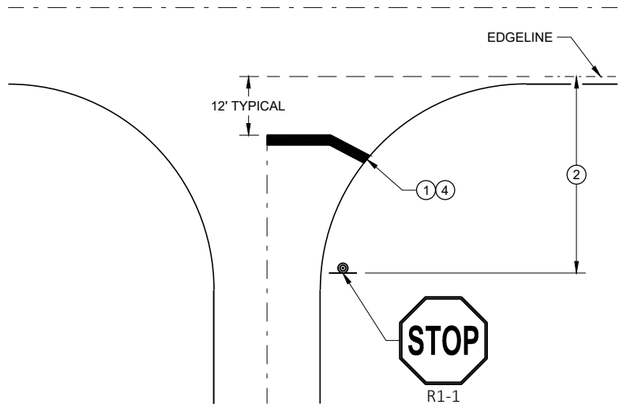


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MARKING ENGINEER

FHWA

6
SDD 15C33 - 04

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DELINEATOR, FLEXIBLE/TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST W/SINGLE DELINEATOR)
- PORTABLE CRASH CUSHION
- CONCRETE BARRIER TEMPORARY PRECAST
- REMOVE PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

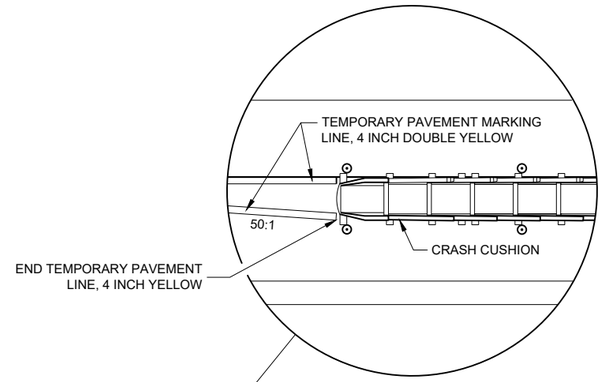
"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

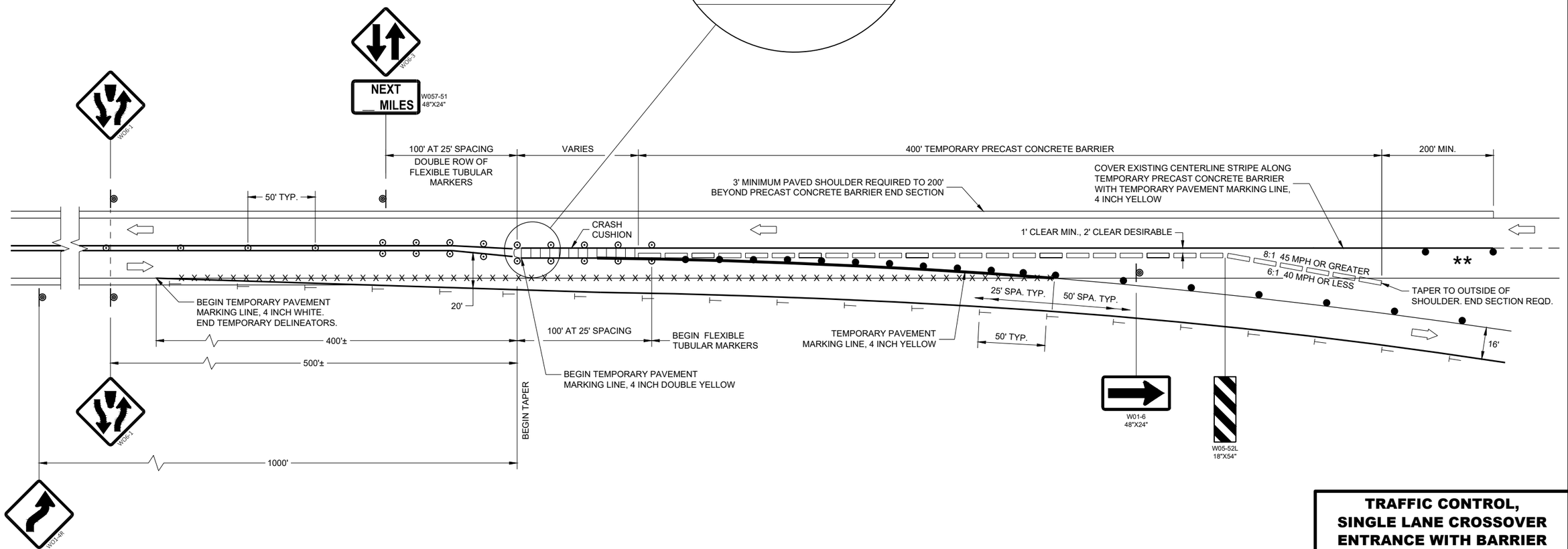
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

** SEE SDD 15D12 FOR LANE CLOSURE DETAILS.





TRAFFIC CONTROL, SINGLE LANE CROSSOVER ENTRANCE WITH BARRIER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

SDD 15D05 - 05

LEGEND

SIGN ON PERMANENT SUPPORT

DELINEATOR, FLEXIBLE/TUBULAR MARKER

DIRECTION OF TRAFFIC

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

A SINGLE ROW OF FLEXIBLE TUBULAR MARKERS ON CENTERLINE EXTEND FOR THE ENTIRE LENGTH OF TWO-WAY TRAFFIC AT 50 FOOT SPACING.

COVER EXISTING CENTERLINE STRIPE WITH TEMPORARY PAVEMENT MARKING LINE, 4 INCH DOUBLE YELLOW.



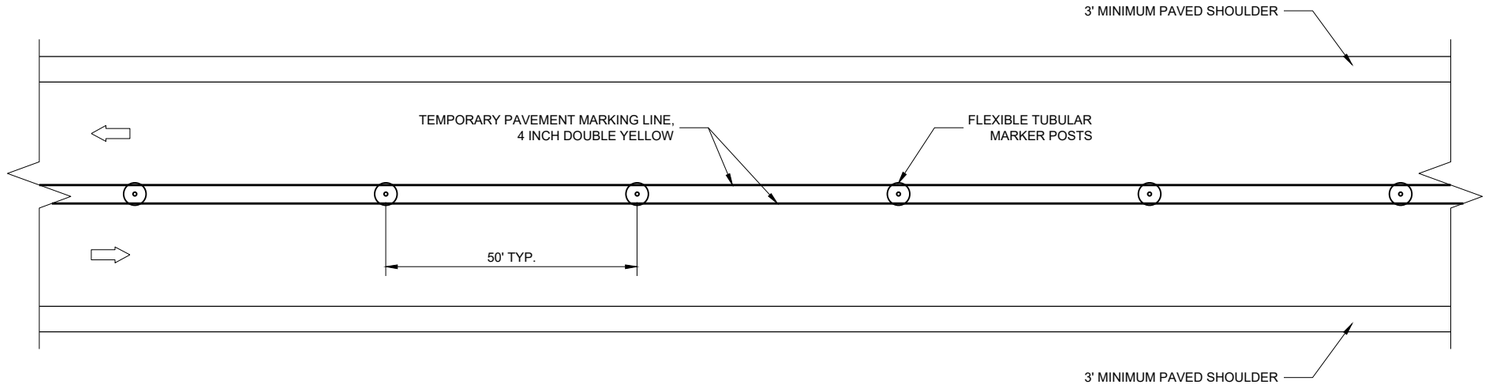
(1)



(2)

(1) THE WO6-3 AND WO57-51 SHALL BE LOCATED 200 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP AND / OR 500 FEET BEYOND ANY SIDE ROAD. THE R4-1 SHALL BE LOCATED 1000 FEET BEYOND THE WO6-3 AND THE WO57-51 AND THE SIGNS SHALL BE ALTERNATED WITH ONE MILE INTERVALS BETWEEN THE SIGNS.

(2) CONVENTIONAL: 24" X 30"
FREEWAY AND EXPRESSWAY: 36" X 48"



TWO LANE, TWO WAY OPERATION

6

6

SDD 15D06 - 05

SDD 15D06 - 05

TRAFFIC CONTROL
TWO LANE TWO WAY OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

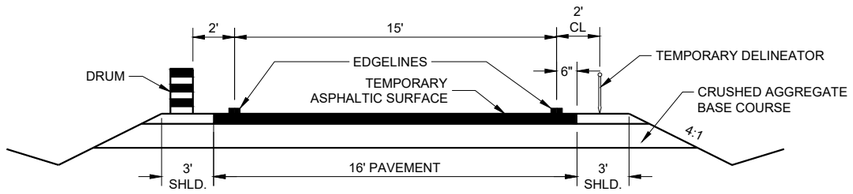
APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR - WHITE (STEEL POST WITH SINGLE DELINEATOR)
- TYPE "A" WARNING LIGHT (FLASHING)
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGS, 16" X 16" MIN., ORANGE
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



TYPICAL RAMP CROSSOVER ROADWAY DIMENSIONS

** ADJUST RAMP SPEED AS NEEDED IN THE FIELD. DISTANCE TO SIGN LOCATION SHALL ALSO BE PLACED ACCORDING TO TABLE.

** TABLE FOR ADVANCE WARNING SIGN DISTANCE (FT)

POSTED SPEED LIMIT (MPH)	DESIRED EXIT RAMP SPEED (MPH)					
	10	20	30	40	50	60
45	350	300	250			
50	425	400	325	225		
55	500	475	400	300		
60	575	550	500	400	300	
65	650	625	575	500	375	100
70	650	625	575	500	375	375

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

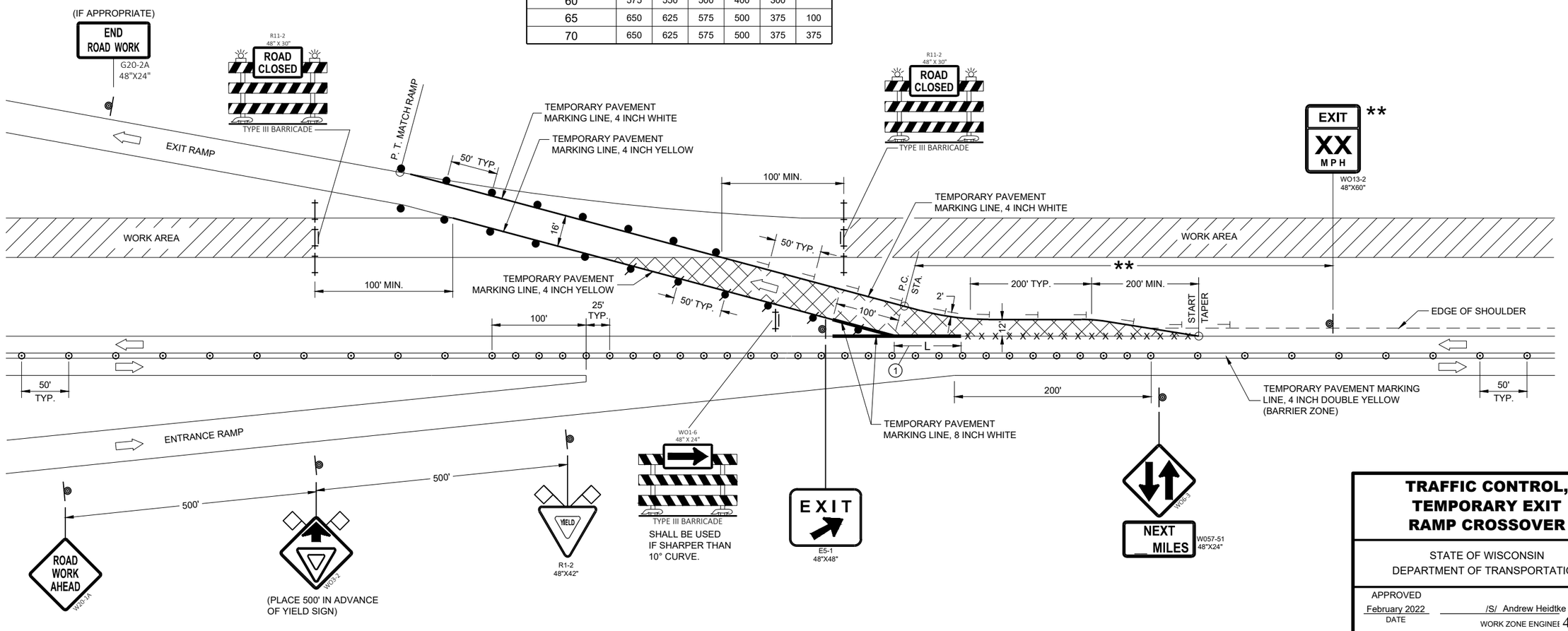
THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

WORK ALONG EDGES OF RAMP SHALL MAINTAIN A 10 FOOT AREA CLEAR OF PHYSICAL OBSTRUCTIONS SUCH AS DROP OFFS FROM PAVEMENT REMOVAL OR BROKEN CONCRETE CHUNKS DURING PAVEMENT REMOVAL. THESE AREAS SHALL BE LEVELED WITH TEMPORARY FILL TO PROTECT THE TRAVELING PUBLIC WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE CROSSOVER.

TRAFFIC CONTROL FOR RAMP CROSSOVERS ARE TYPICAL FOR ALL CONSTRUCTION PHASES.

(1) LENGTH "L" SHALL BE REQUIRED WHEN TANGENT LENGTH OF EXIT RAMP PARALLEL TO MAINLINE EXCEEDS 300 FEET. LENGTH SHALL BE EQUAL TO THE EXIT RAMP TANGENT LENGTH MINUS 300 FEET OR AS APPROVED BY THE ENGINEER AND SHALL CHANGE TO ACCOMMODATE PAVING GAPS.



TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

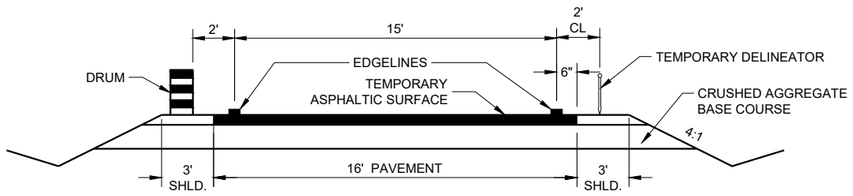
FHWA

SDD 15D07 - 05

SDD 15D07 - 05

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR - WHITE (STEEL POST WITH SINGLE DELINEATOR)
- TYPE "A" WARNING LIGHT (FLASHING)
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- FLAGS, 16" X 16" MIN., ORANGE
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS
- WORK AREA
- TEMPORARY CROSSOVER ASPHALTIC PAVEMENT



TYPICAL RAMP CROSSOVER ROADWAY DIMENSIONS

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

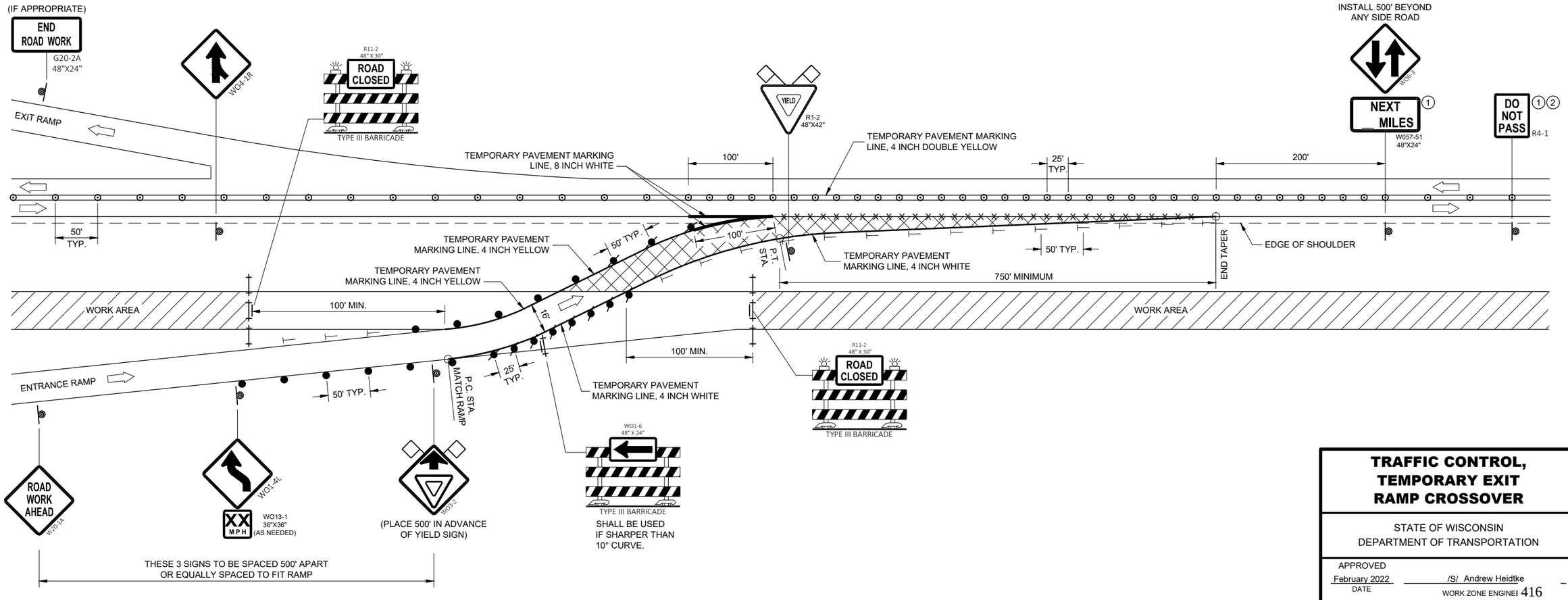
THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

WORK ALONG EDGES OF RAMP SHALL MAINTAIN A 10 FOOT AREA CLEAR OF PHYSICAL OBSTRUCTIONS SUCH AS DROP OFFS FROM PAVEMENT REMOVAL OR BROKEN CONCRETE CHUNKS DURING PAVEMENT REMOVAL. THESE AREAS SHALL BE LEVELED WITH TEMPORARY FILL TO PROTECT THE TRAVELING PUBLIC WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE CROSSOVER.

TRAFFIC CONTROL FOR RAMP CROSSOVERS ARE TYPICAL FOR ALL CONSTRUCTION PHASES.

(1) INSTALL THE WO6-3 SIGN WITH THE R4-1 SIGN 1000 FEET BEYOND THE WO6-3 SIGN WITH THE WO57-51 AND ALTERNATE THE SEQUENCE OF THESE SIGNS EVERY 1 MILE.

(2) CONVENTIONAL: 24" X 30"
FREEWAY AND EXPRESSWAY: 36" X 48"



TRAFFIC CONTROL, TEMPORARY EXIT RAMP CROSSOVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6
SDD 15D08 - 08

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE RESPECTIVE EDGE LINE MARKING
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS

DO NOT PASS (1)
R4-1

INSTALL THE R4-1 SIGN 1000 FEET BEYOND THE WO6-3 SIGN WITH THE WO57-51 AND ALTERNATE THE SEQUENCE OF THESE SIGNS EVERY 1 MILE.

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

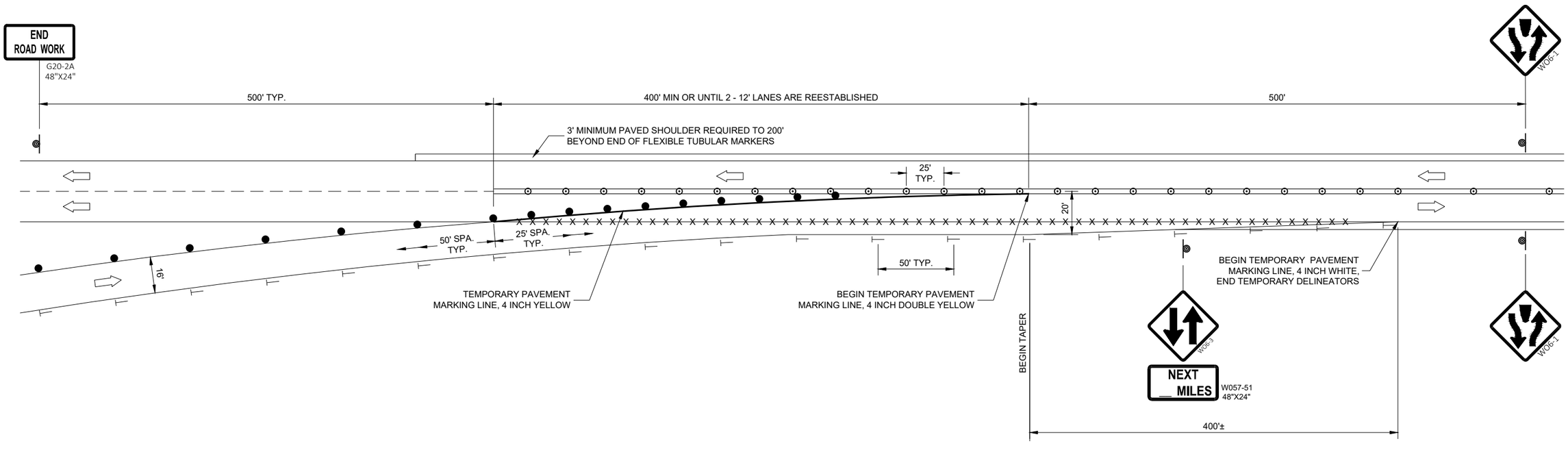
"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

(1) CONVENTIONAL: 24" X 30"
FREEWAY AND EXPRESSWAY: 36" X 48"



6

6

SDD 15D09 - 06

SDD 15D09 - 06

TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER
FHWA

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE RESPECTIVE EDGE LINE MARKING
- PORTABLE CRASH CUSHION
- CONCRETE BARRIER TEMPORARY PRECAST
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS

GENERAL NOTES

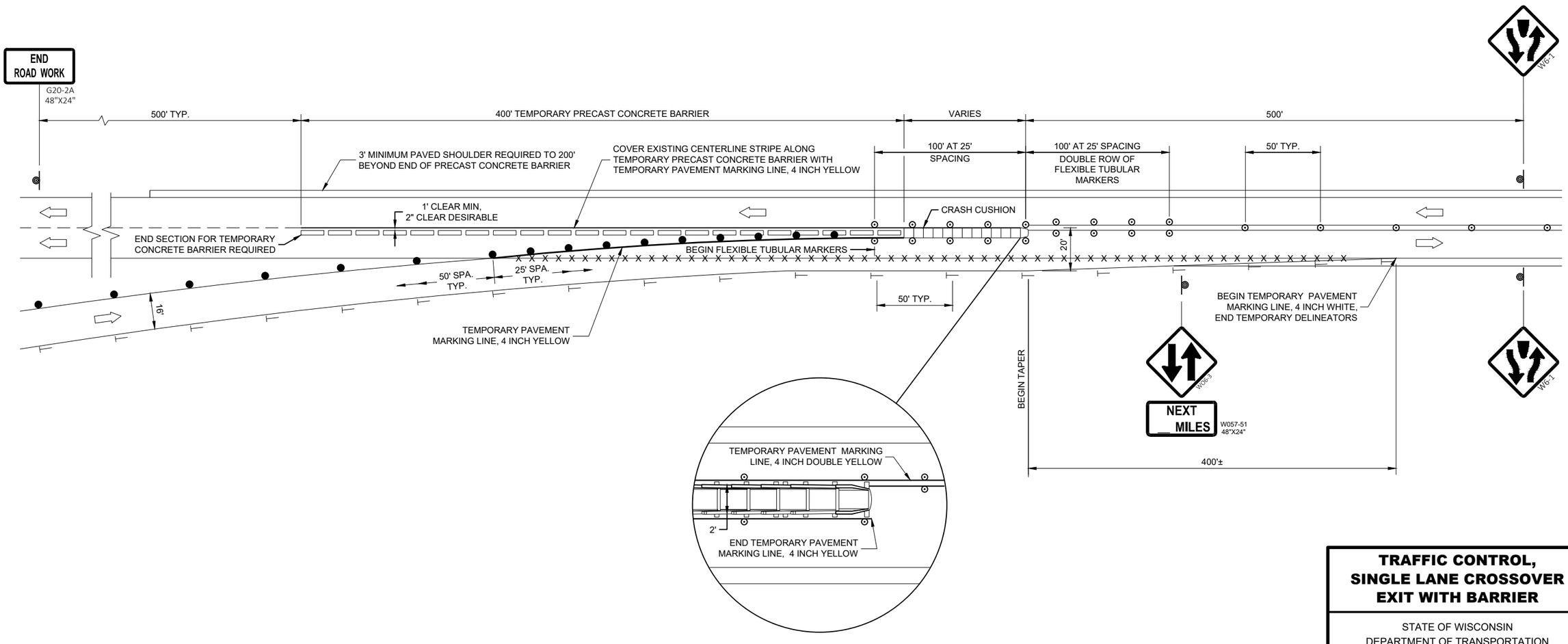
ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.



TRAFFIC CONTROL, SINGLE LANE CROSSOVER EXIT WITH BARRIER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

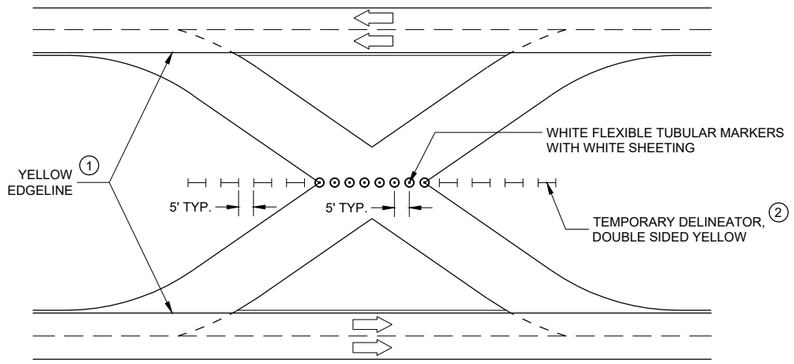
FHWA

SDD 15D10 - 05

SDD 15D10 - 05

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- DELINEATOR FLEXIBLE / TUBULAR MARKER
- TEMPORARY DELINEATOR (STEEL POST WITH SINGLE DELINEATOR) COLOR OF DELINEATOR SHALL MATCH THE COLOR OF THE RESPECTIVE EDGELINE MARKING
- TEMPORARY DELINEATOR (DOUBLE SIDED)
- TYPE "A" WARNING LIGHT (FLASHING)
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKINGS
- WORK AREA



TRAFFIC CONTROL FOR CROSSOVER THAT IS NOT IN USE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

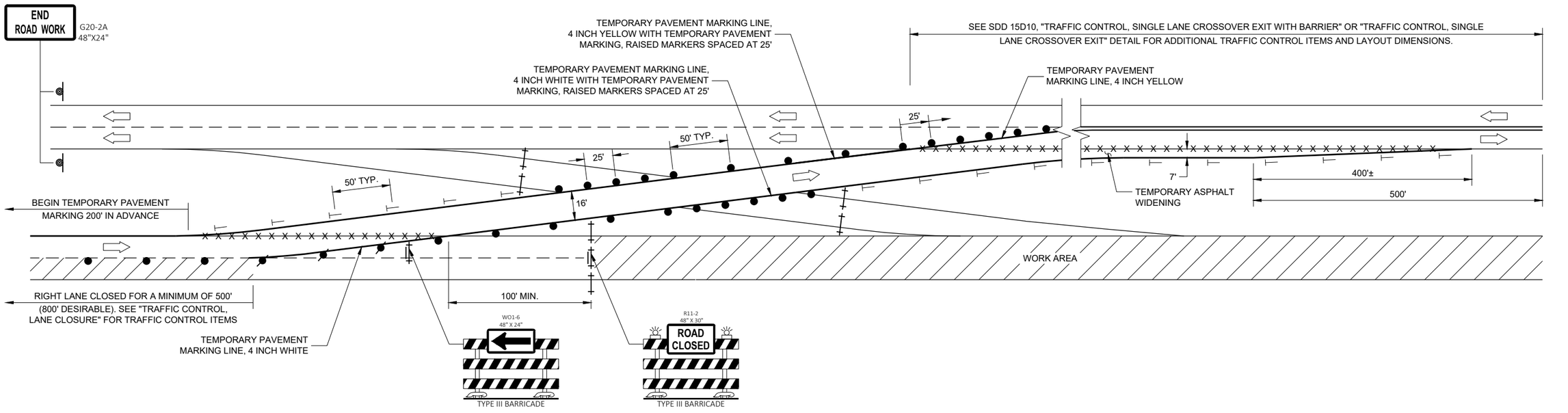
THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

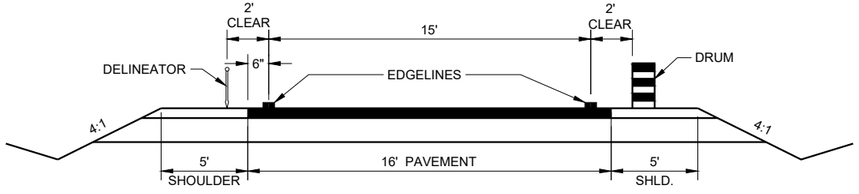
THE SPACING BETWEEN PROPOSED SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

REVERSE DEVICES WHEN OTHER LEG OF CROSSOVER IS IN USE.

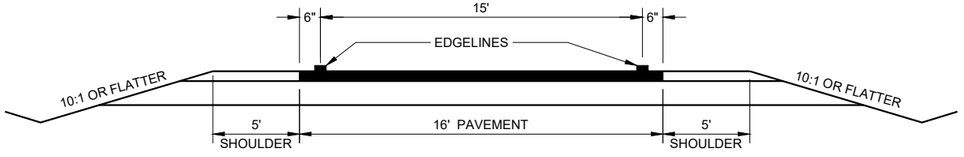
(1) FOR PERMANENT CROSSOVER, PAVEMENT MARKING SHOULD CONFORM TO SECTION 646 OF THE STANDARD SPECIFICATIONS.

(2) FOR PERMANENT CROSSOVER, INSTALL PERMANENT DELINEATORS ACCORDING TO SECTION 633 OF THE STANDARD SPECIFICATIONS.





TYPICAL TEMPORARY CROSSOVER ROADWAY DIMENSIONS
(SEE PLAN FOR ROADWAY DESIGN ELEMENTS)



TYPICAL CROSSOVER TO REMAIN IN PLACE ROADWAY DIMENSIONS
(SEE PLAN FOR ROADWAY DESIGN ELEMENTS)

TRAFFIC CONTROL, SINGLE LANE CROSSOVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

SDD 15D11 - 08

SDD 15D11 - 08

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

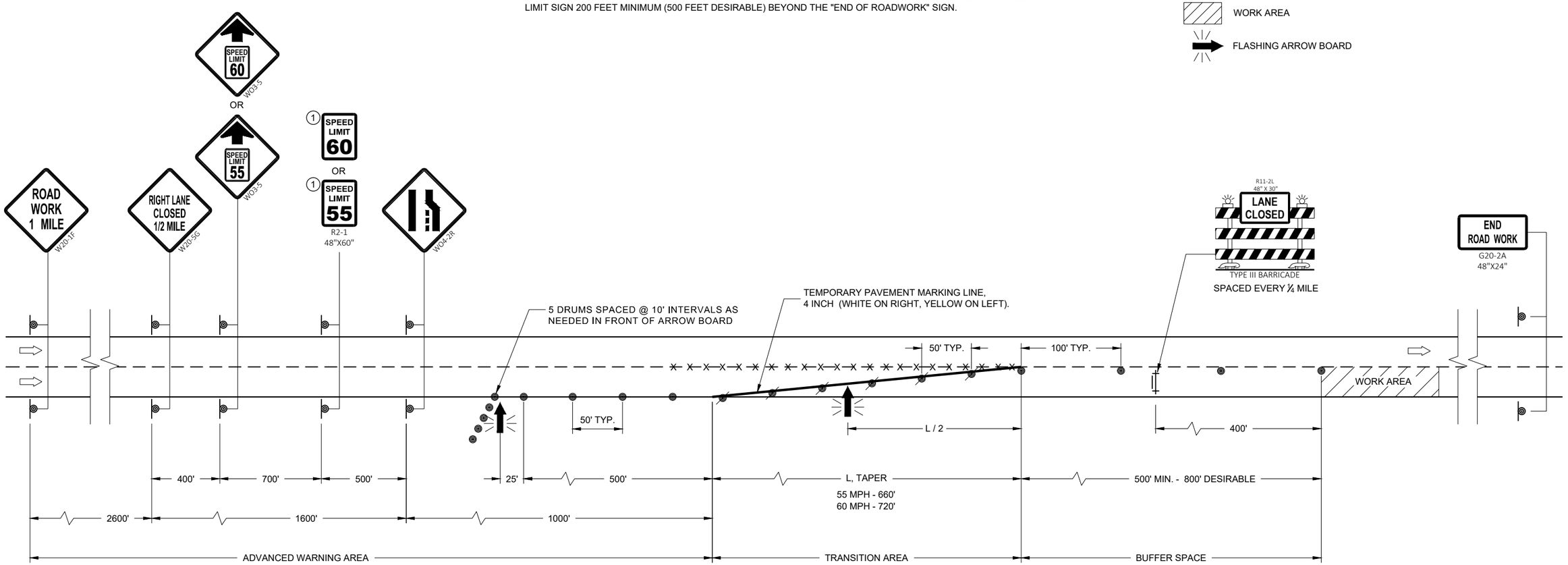
IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

(1) A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. PLACE A SPEED LIMIT SIGN A MINIMUM OF EVERY 3 MILES. INCLUDE A RESUME SPEED LIMIT SIGN 200 FEET MINIMUM (500 FEET DESIRABLE) BEYOND THE "END OF ROADWORK" SIGN.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- FLASHING ARROW BOARD



TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

420

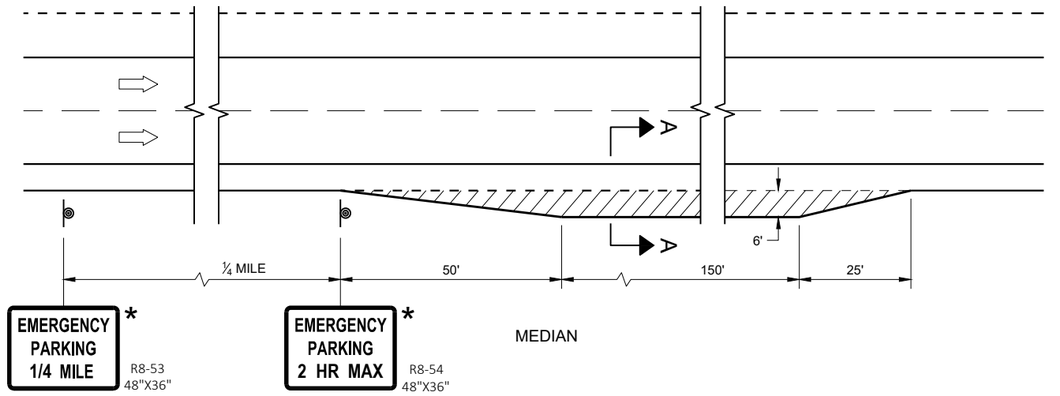
FHWA

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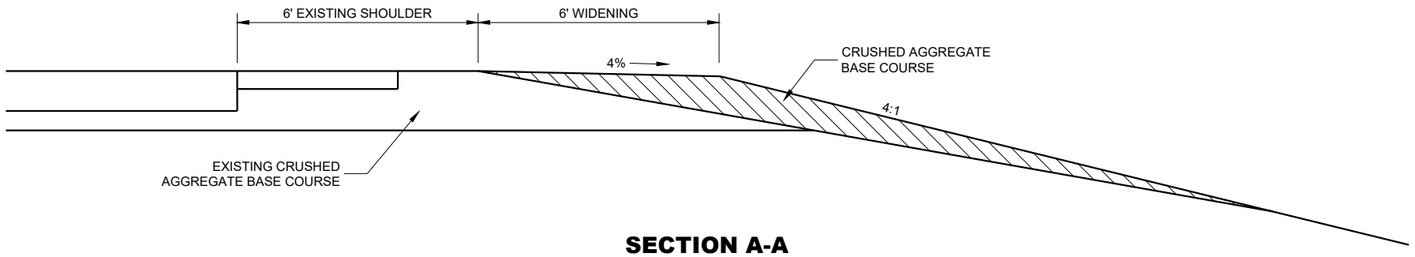
SDD 15D12 - 10b

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SDD 15D12 - 10b



TEMPORARY EMERGENCY PULLOUTS FOR DIVIDED HIGHWAYS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIAL AND WORKMANSHIP NO SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, APPLICABLE SPECIAL PROVISIONS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

TEMPORARY EMERGENCY PULLOUTS AND SIGNS SHALL BE REMOVED AND THE ROADWAY RESTORED TO ITS ORIGINAL CROSS SECTION AND CONDITION PRIOR TO REOPENING THE ROADWAY TO ONE WAY TRAFFIC.

* SIGNS TO BE BLACK LETTERS ON WHITE REFLECTIVE BACKGROUND

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

TEMPORARY EMERGENCY PULLOUTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2013
DATE

/S/ Travis Feltes
STATE TRAFFIC ENGINEER O

FHWA

6

SDD 15D13 - 02

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT

REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)

TYPE III BARRICADE WITH ATTACHED SIGN

FLAGS, 16" X 16" MIN., ORANGE

DIRECTION OF TRAFFIC

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONSECUTIVE DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS. USE SUPPORTS THAT PROVIDE A MINIMUM OF 5 FEET FROM THE BOTTOM OF THE SIGN TO THE PAVEMENT.

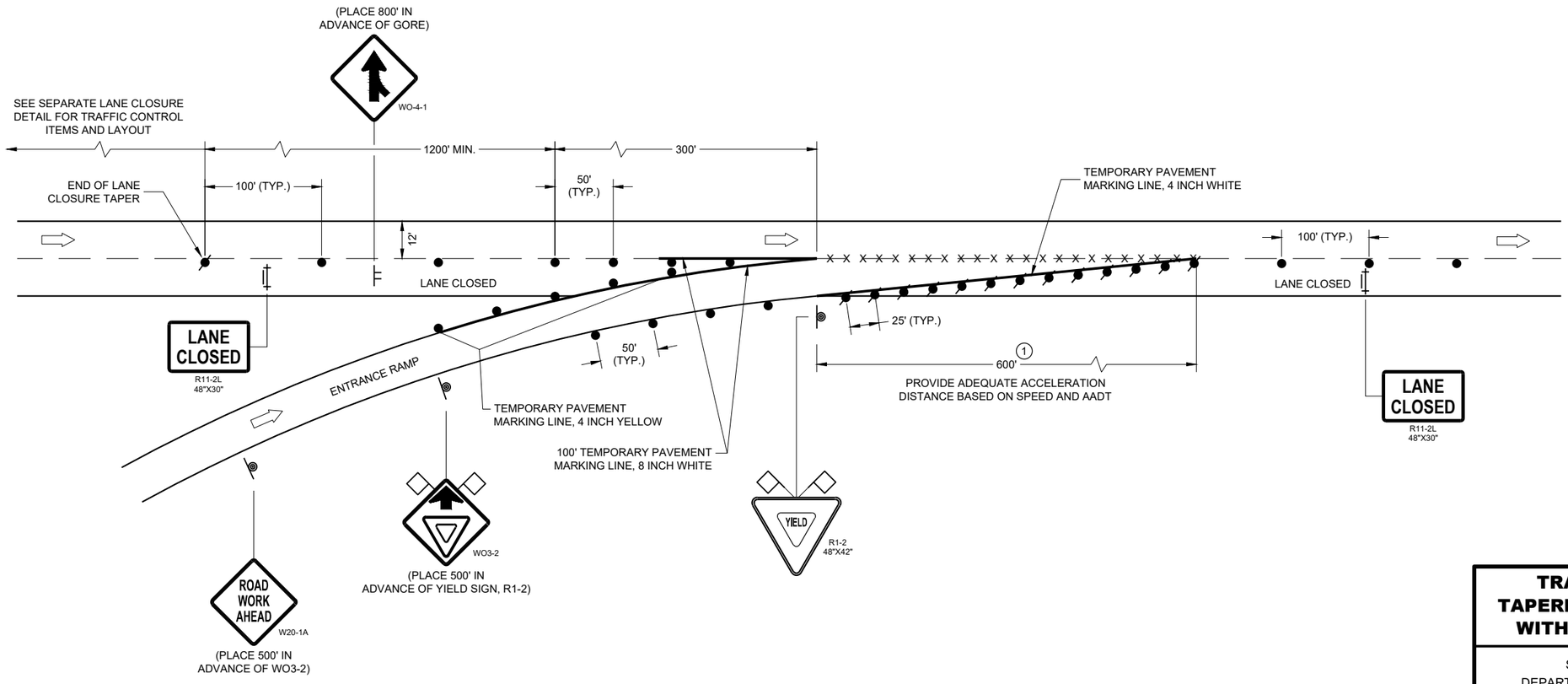
IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) CONSULT WITH REGIONAL WORK ZONE ENGINEER IF NEED TO REDUCE LENGTH EXISTS.



TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE 422

FHWA

6

SDD 15D15 - 06c

6

SDD 15D15 - 06c

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT

TYPE III BARRICADE WITH ATTACHED SIGN

FLAGS, 16" X 16" MIN., ORANGE

DIRECTION OF TRAFFIC

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2L "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

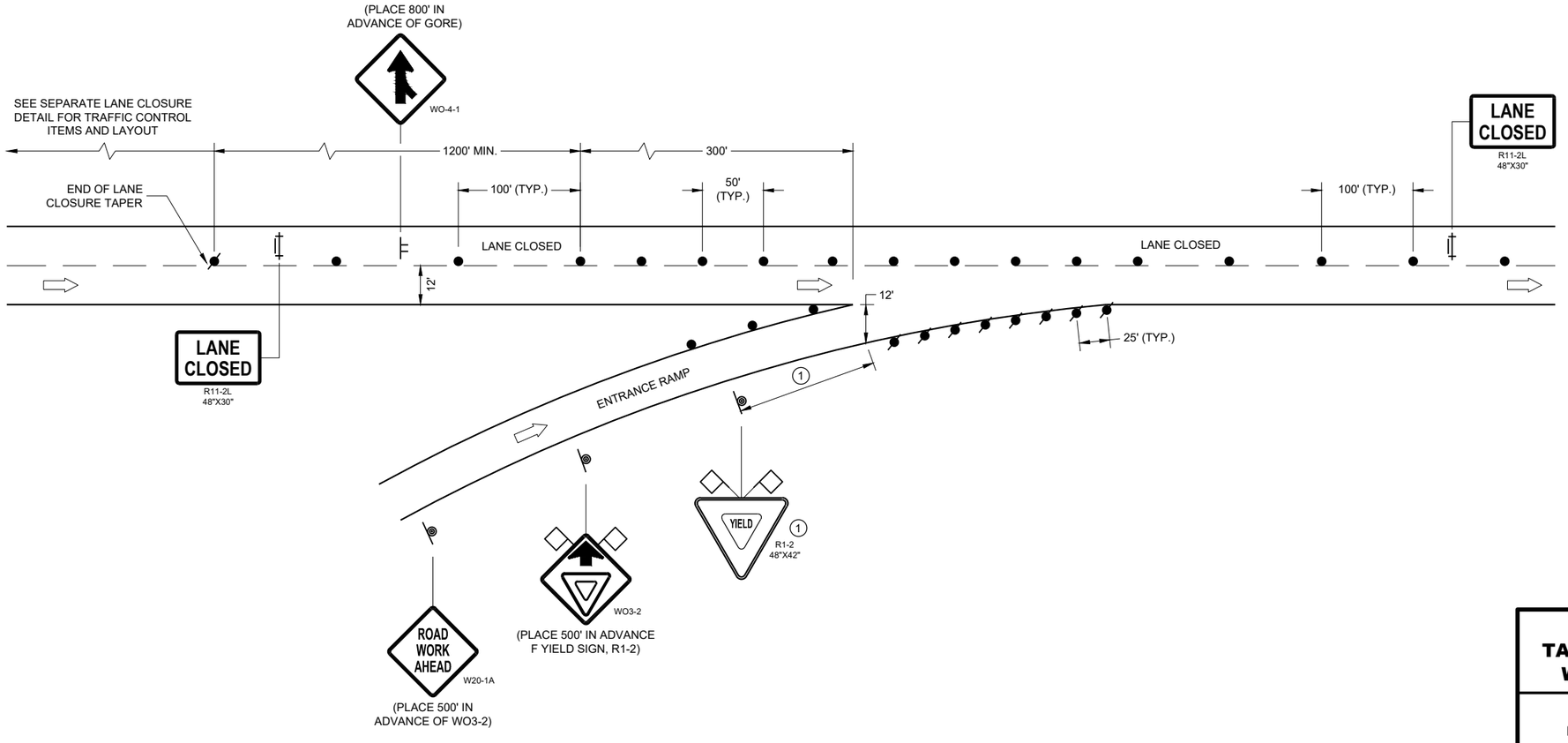
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONSECUTIVE DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS. USE SUPPORTS THAT PROVIDE A MINIMUM OF 5 FEET FROM THE BOTTOM OF THE SIGN TO THE PAVEMENT.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) PLACE YIELD SIGN TO PROVIDE ADEQUATE SIGHT DISTANCE AND ACCELERATION DISTANCE.



TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE 423
FHWA

6

SDD 15D15 - 06d

6

SDD15D15 - 06d

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC

GENERAL NOTES

THIS RAMP CLOSURE DETAIL IS TYPICAL FOR CLOSING A RIGHT SIDE EXIT RAMP. FOR A LEFT SIDE EXIT RAMP, REVERSE THE TRAFFIC CONTROL.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

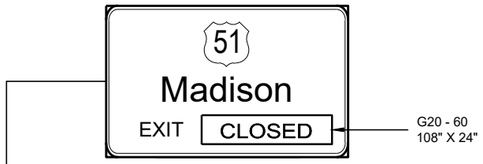
PLACE TEMPORARY PAVEMENT MARKING LINE IF RAMP CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WORK AREAS WITH A DROP OFF ALONG THE EDGE OF AN OPEN TRAVEL LANE SHALL BE LEVELED WITH TEMPORARY FILL WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE TRAVEL LANE. DRUMS SHALL BE PLACED ENTIRELY OUTSIDE THE TRAVEL LANE, ALLOWING THE FULL UNOBSTRUCTED LANE WIDTH, WHEN WORK IS NOT IN PROGRESS.

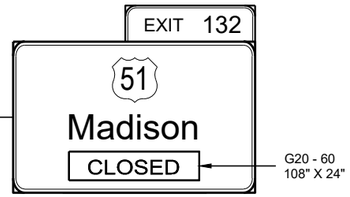
WHERE MEDIAN BARRIER IS IN PLACE, SIGNS SHOWN ON LEFT SIDE OF ROADWAY MAY BE OMITTED FOR RIGHT SIDE RAMP CLOSURES OF LESS THAN 12 - HOUR DURATION.

(1) W20 - 1A AND G20 - 2A SIGNS ARE NOT REQUIRED IF THE RAMP CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

(2) PLACE "RAMP CLOSED BEGINNING" SIGN OR PCMS 7 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR SIGN LAYOUT.



OR

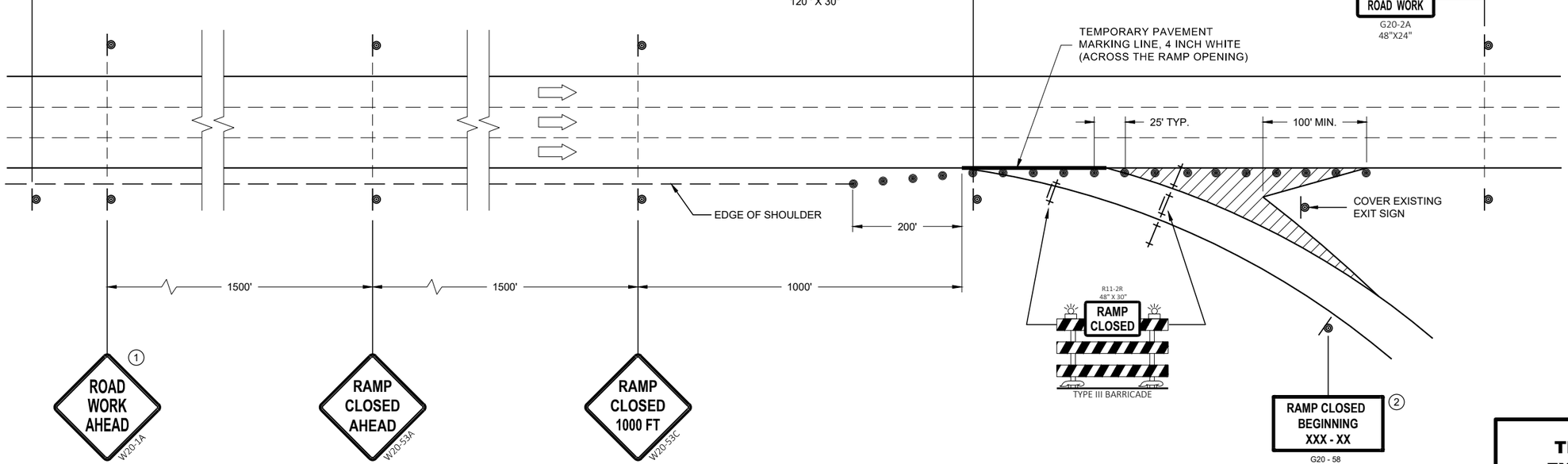


PLACE SIGN G20 - 60 OVER MILEAGE ON EXISTING E1 - 1A SIGN



COVER ARROW ON EXISTING E4 - 1 SIGN (COVERING SIGNS TYPE I)

G20 - 61
120 ' X 30"



OR

PCMS MESSAGING

FRAME 1	FRAME 2
RAMP TO CLOSE	XXXDAY XX XX XX

TRAFFIC CONTROL, EXIT RAMP CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2022
DATE

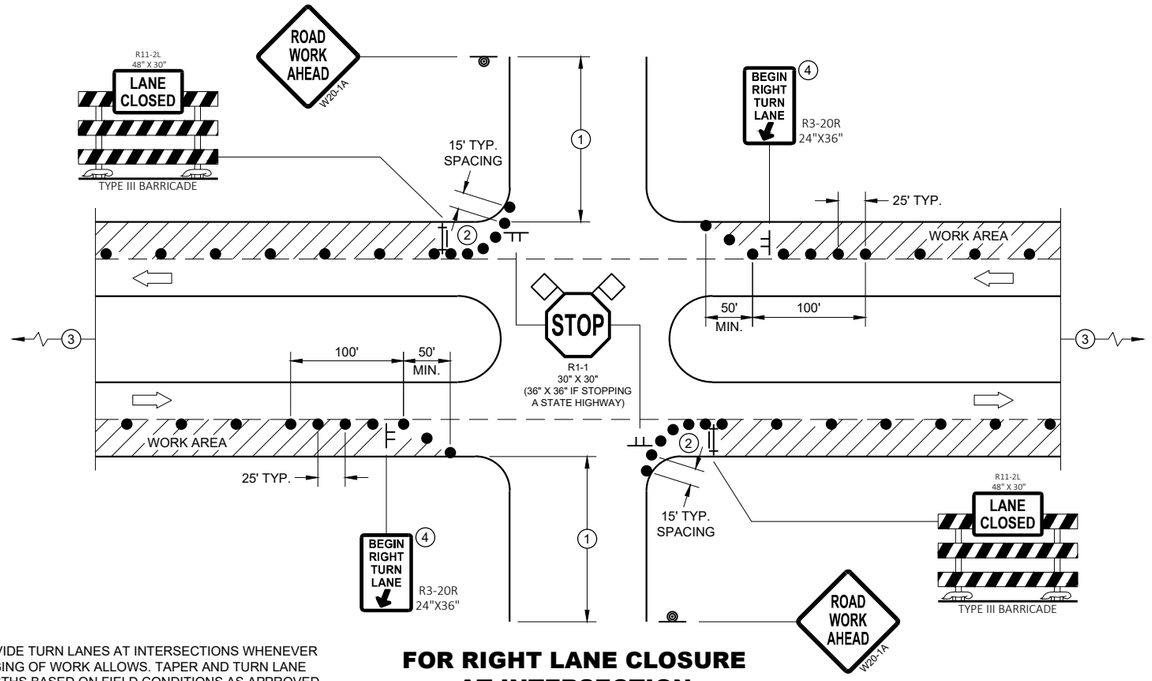
/S/ Andrew Heidtke
ROADWAY STANDARDS DEVE ENGINEER

FHWA

SDD 15D16 - 05

6

SDD 15D16 - 05



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR RIGHT LANE CLOSURE AT INTERSECTION

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

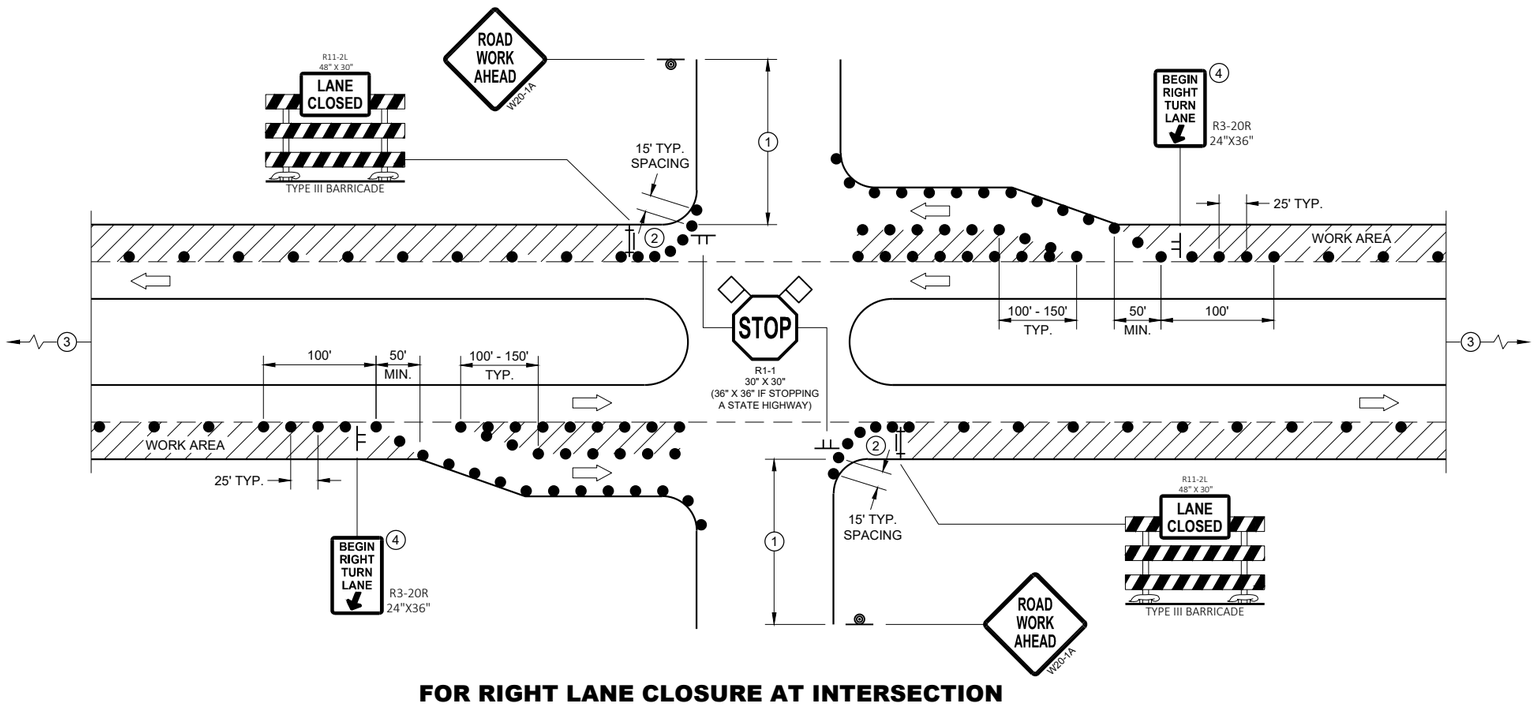
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE

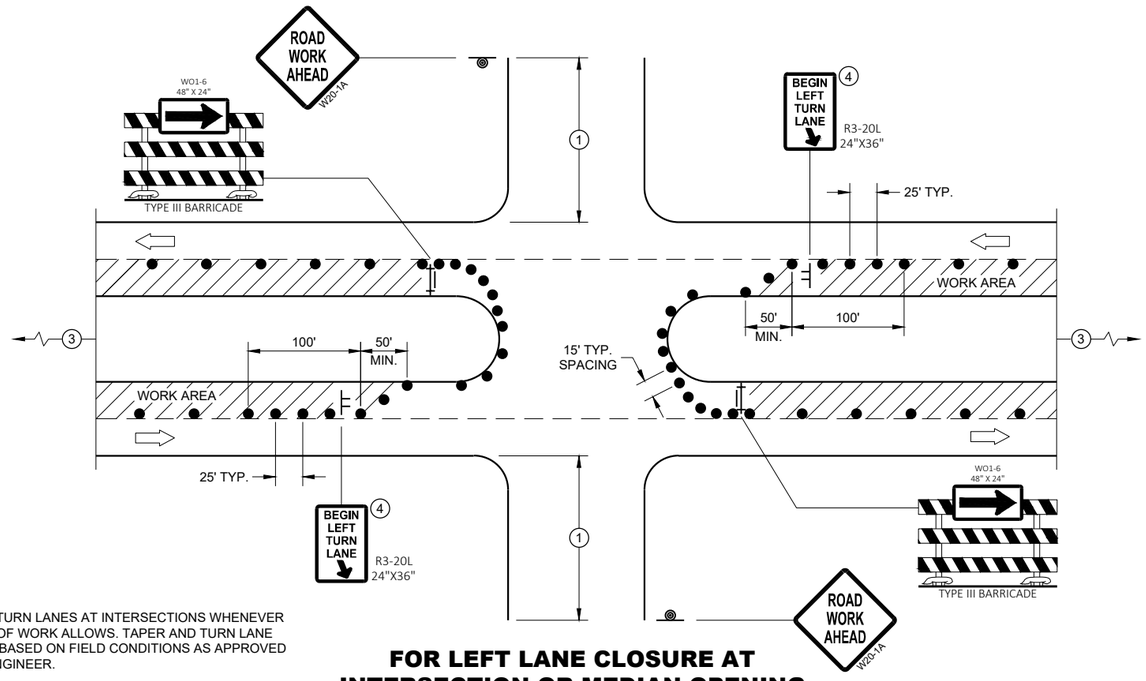
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D21 - 07a

6

SDD 15D21 - 07a



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

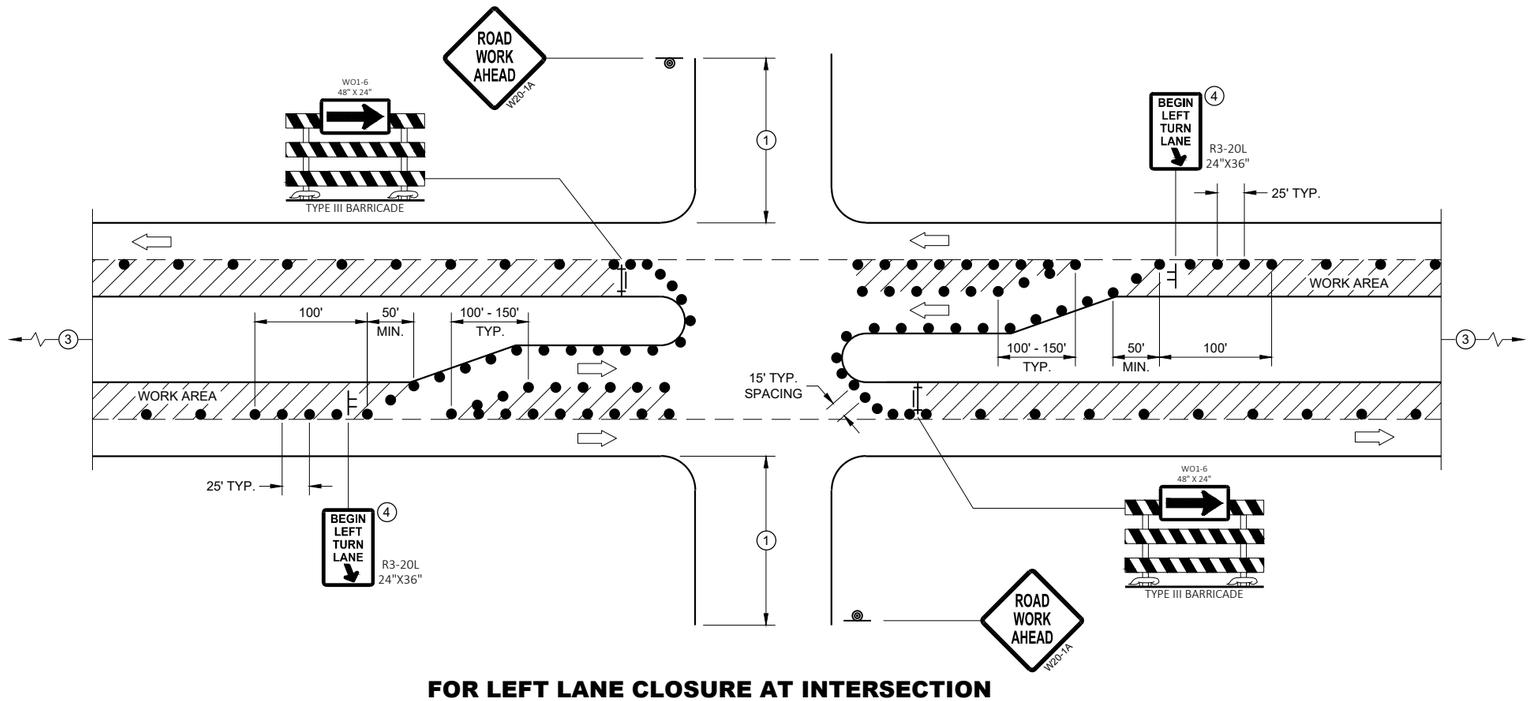
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING (WITH LEFT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D21 - 07b

6

SDD 15D21 - 07b

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD
- WORK AREA

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT SHOULDER. FOR CLOSING THE LEFT SHOULDER, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR DIVIDED ROADWAYS WITH ANY NUMBER OF TRAVEL LANES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

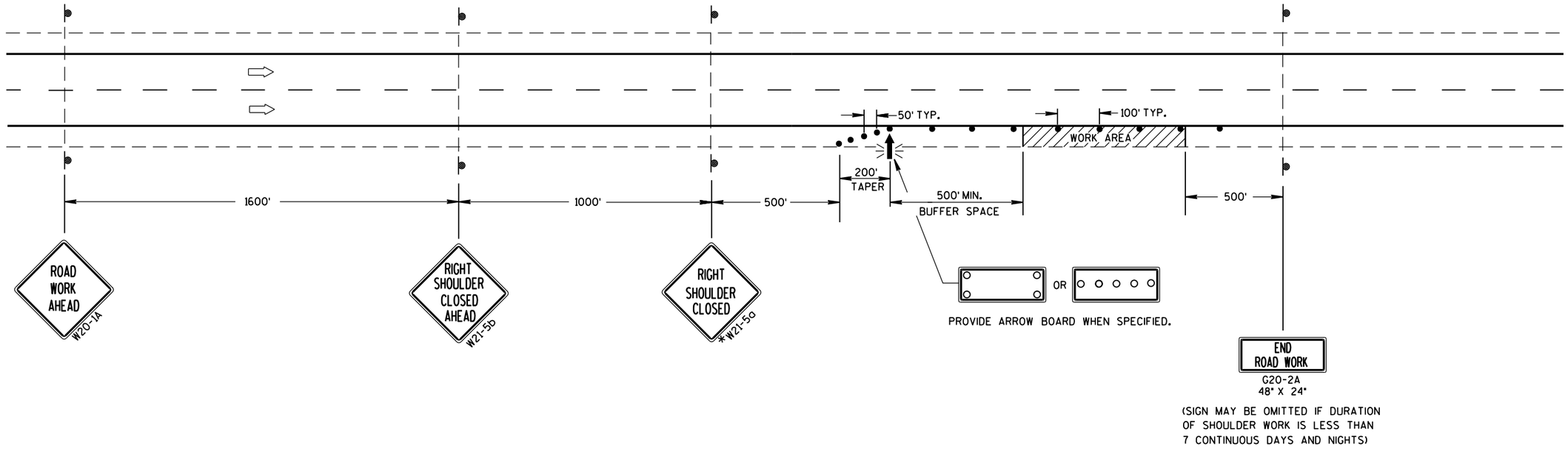
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

*FOR SHORT DURATION SHOULDER WORK OF LESS THAN ONE HOUR, THE W21-5a SIGN MAY BE OMITTED.



TRAFFIC CONTROL SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2016 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO[illegible] SAFETY ENGI[illegible]

FHWA

6

S.D.D. 15 D 27-3

LEGEND

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DRUM

DIRECTION OF TRAFFIC

WORK ZONE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

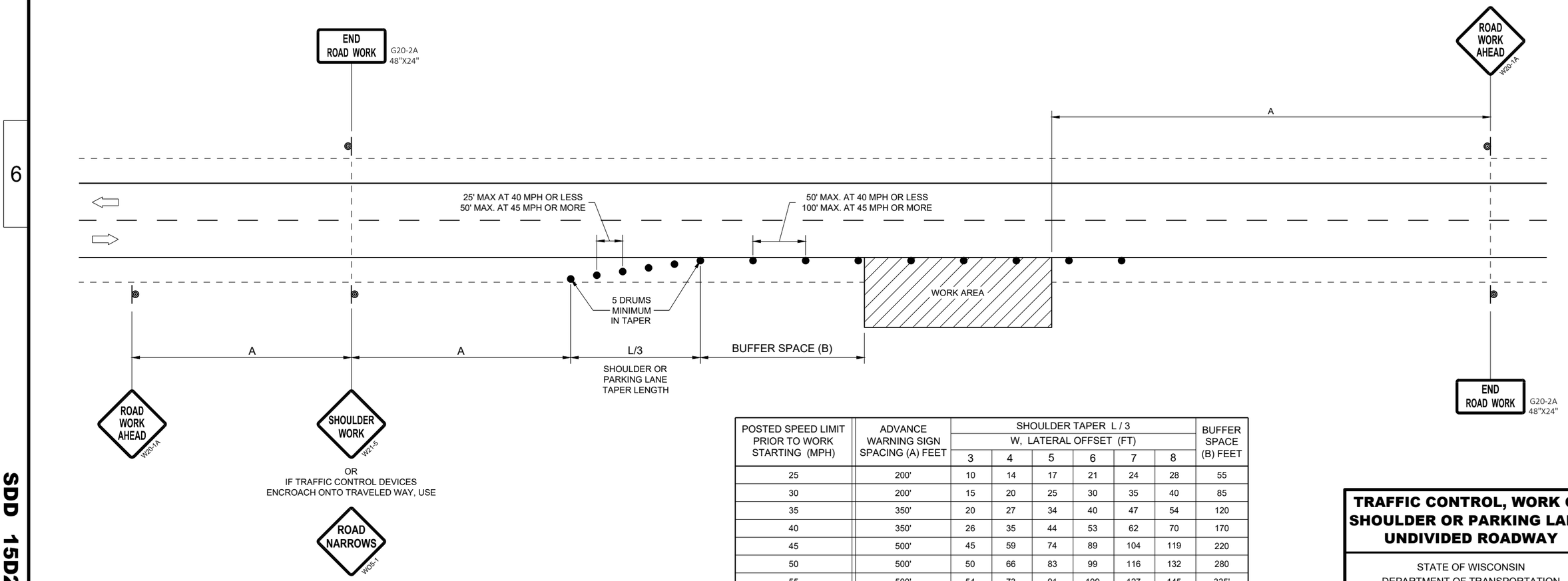
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	59	74	89	104	119	220
50	500'	50	66	83	99	116	132	280
55	500'	54	73	91	109	127	145	335'

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

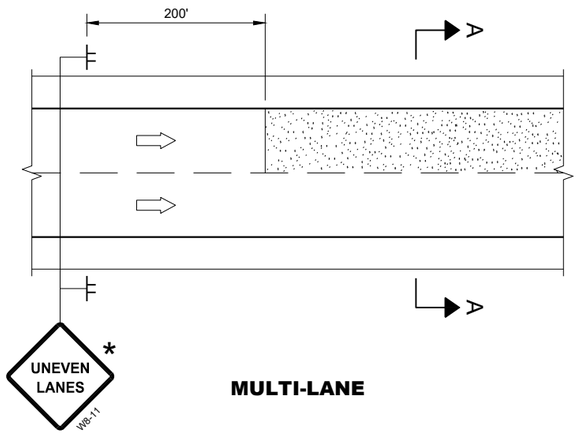
APPROVED
May 2020
DATE

/S/ Andrew Heidtke
STATEWIDE WORK ZONE T SAFETY ENGINEER

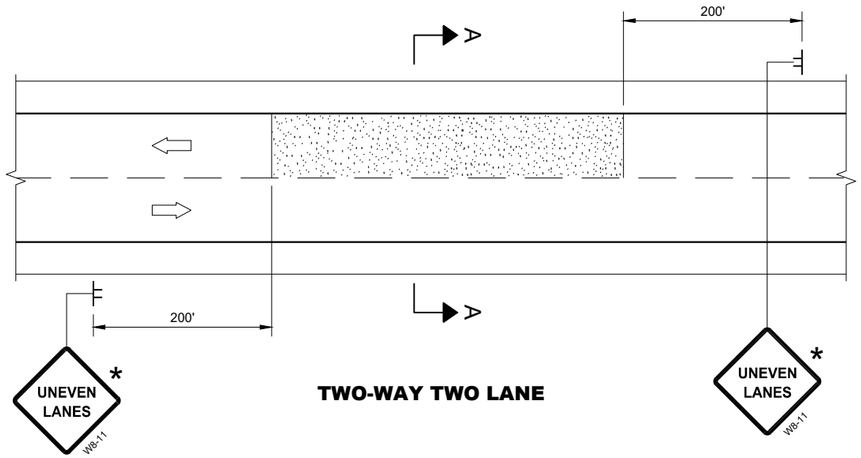
FHWA

SDD 15D28 - 04

SDD 15D28 - 04



MULTI-LANE



TWO-WAY TWO LANE

GENERAL NOTES

FOR SPOT LOCATIONS USE ENGINEERING JUDGEMENT WHEN PLACING ADDITIONAL SIGNS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

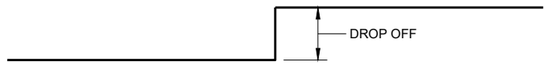
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EVERY ENTRANCE RAMP.

(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

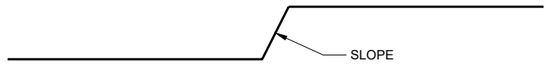
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA WITH DROP-OFF
- MILLED SURFACE

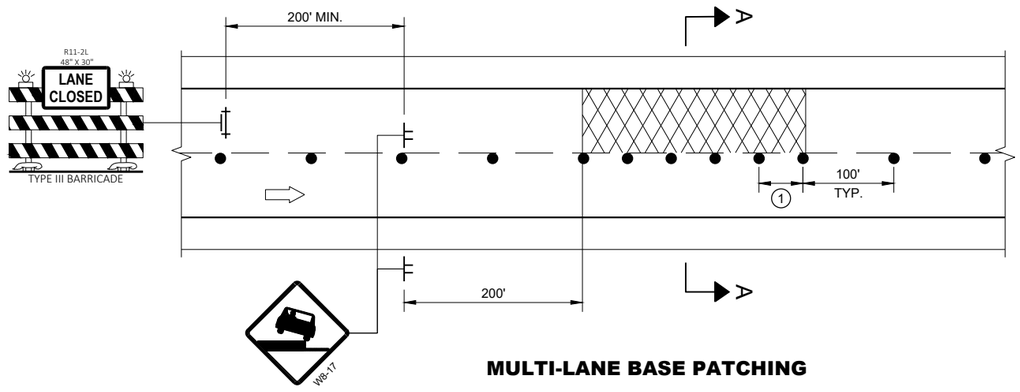


SECTION A - A

OR

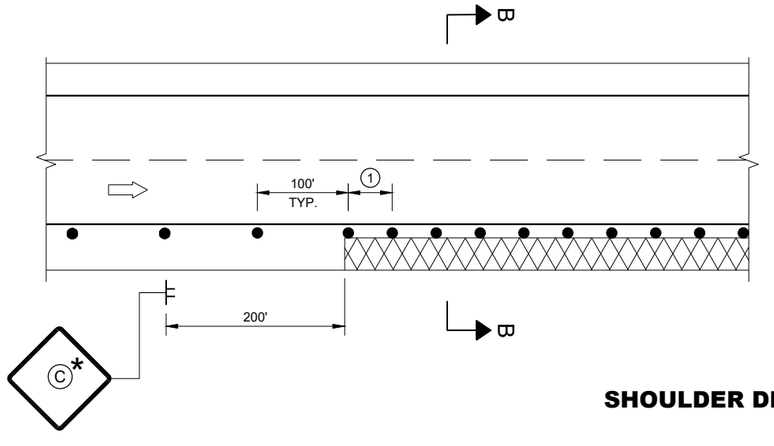


SECTION A - A

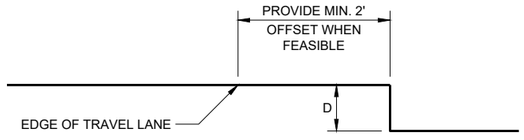


MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS



SHOULDER DROP-OFFS



SECTION B - B

D	SIGN (C)
< 2" WITH A SLOPE STEEPER THAN 3:1	LOW SHOULDER WO8-9
2" < 6" WITH A SLOPE STEEPER THAN 3:1	SHOULDER DROP - OFF W8-9A PROVIDE A 3:1 OR FLATTER SLOPE OF MATERIAL ADJACENT TO THE PAVEMENT

TRAFFIC CONTROL, DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D39 - 02

6

SDD 15D39 - 02

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- CONCRETE BARRIER TEMPORARY PRECAST

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)				
	10	11	12	13	14
50	250	275	300	325	350
55	275	303	330	358	385
60	300	330	360	390	420
65	325	358	390	423	455
70	350	385	420	455	490

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR LANE SHIFT RIGHT - REVERSE FOR SHIFTING LEFT.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON ANY "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

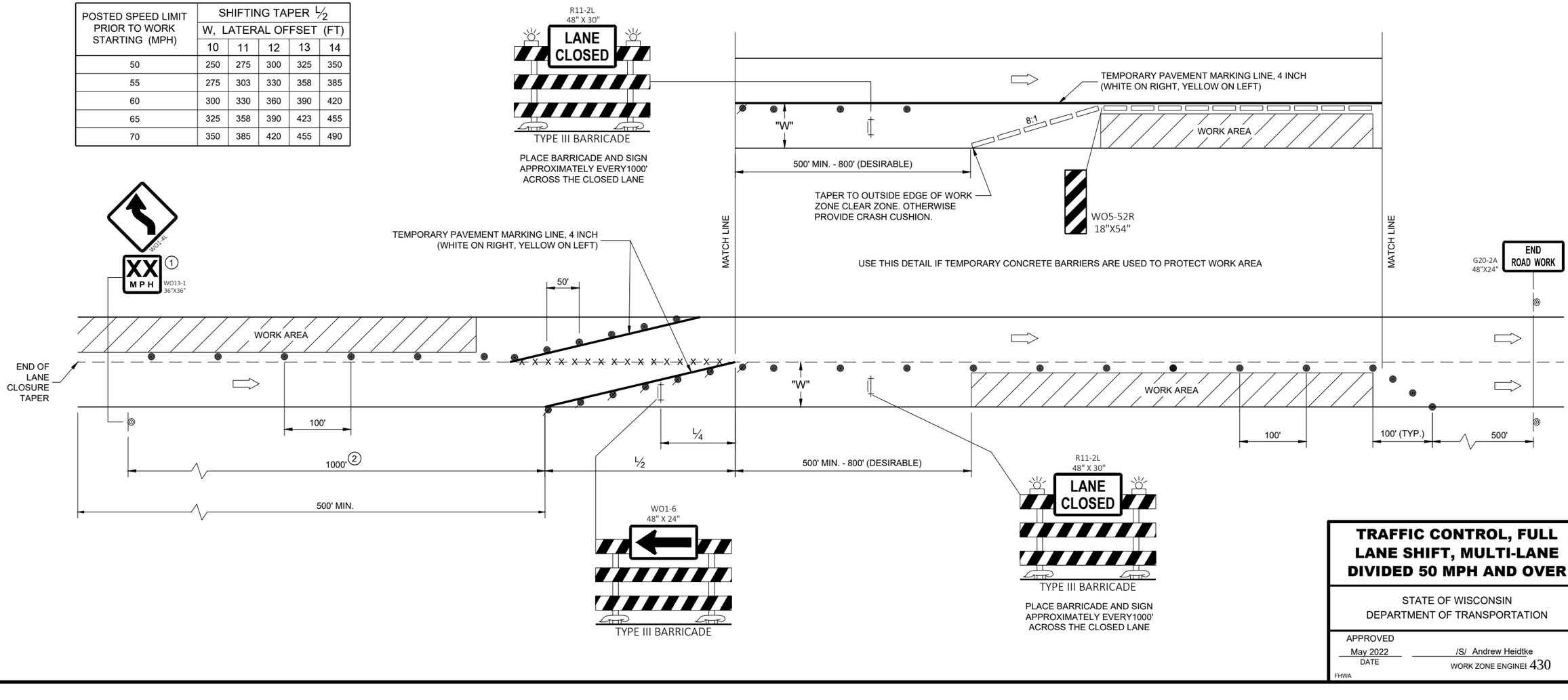
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE SHIFT OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE SHIFT MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ½ THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

(1) USE ONLY IF DESIGN SPEED IS 10 MPH BELOW POSTED SPEED.

(2) IF BEGINNING OF LANE SHIFT IS 1200' OF LESS FROM THE END OF THE LANE CLOSURE TAPER, PLACE THE WO1-4L SIGN 200 FEET AFTER THE END OF THE LANE CLOSURE TAPER.



TRAFFIC CONTROL, FULL LANE SHIFT, MULTI-LANE DIVIDED 50 MPH AND OVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER 430

FHWA

6

SDD 15D40 - 04b

6

SDD 15D40 - 04b

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- CONCRETE BARRIER TEMPORARY PRECAST

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)								
	1	2	3	4	5	6	7	8	9
50	25	50	75	100	125	150	175	200	225
55	28	55	83	110	138	165	193	220	248
60	30	60	90	120	150	180	210	240	270
65	33	65	98	130	163	195	228	260	293
70	35	70	105	140	175	210	245	280	315

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR LANE SHIFT LEFT - REVERSE FOR SHIFTING RIGHT.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON ANY "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

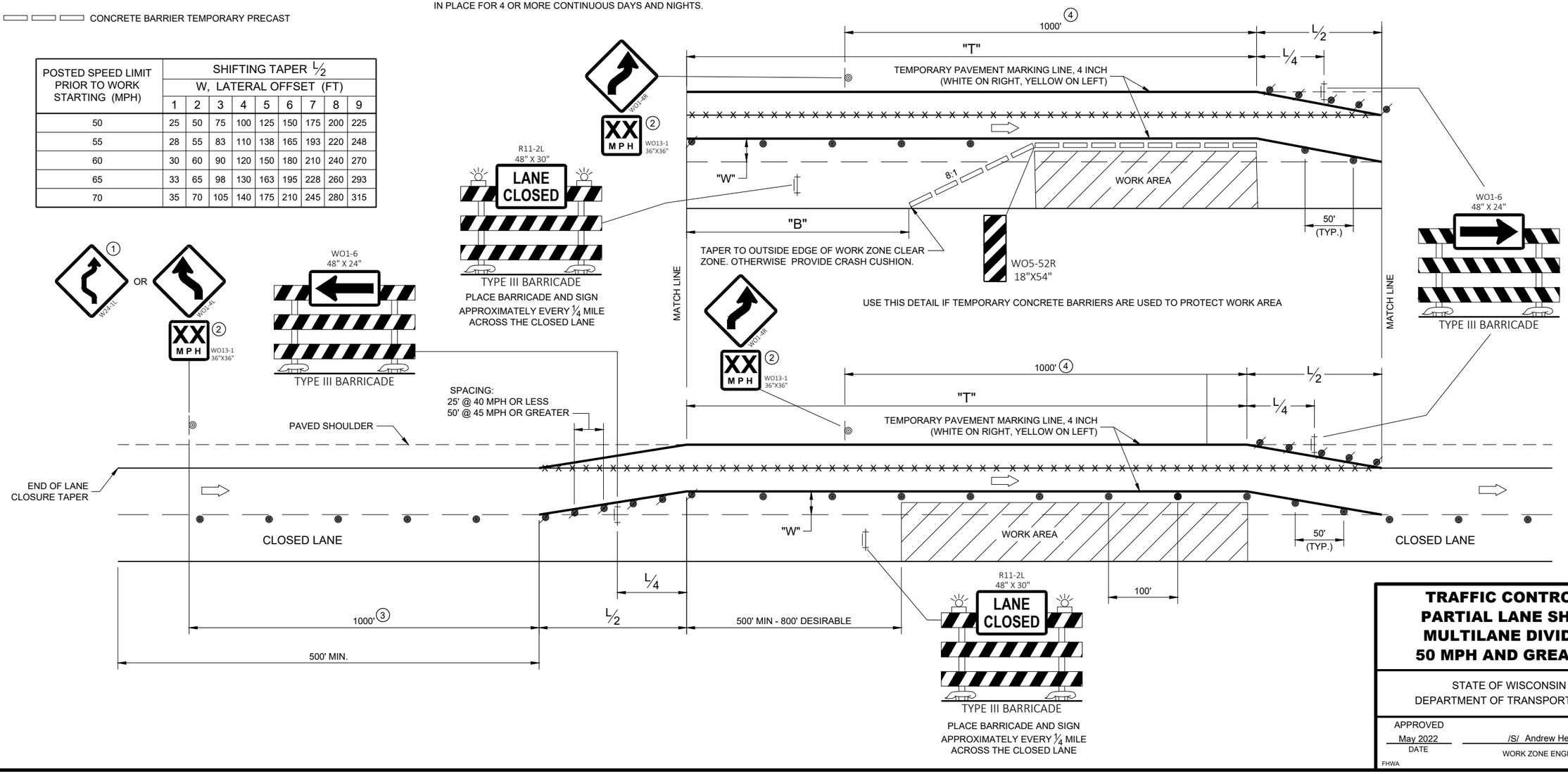
REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE SHIFT OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE SHIFT MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

1. USE ONLY WHEN T<600', OMIT WO1-4R.
2. IF NEEDED, USE ONLY IF DESIGN SPEED IS 10 MPH BELOW POSTED SPEED.
3. IF THE BEGINNING OF LANE SHIFT TAPER IS 1200 FEET OR LESS FROM END OF LANE CLOSURE TAPER, PLACE THE WO1-4L SIGN 200 FEET AFTER THE END OF THE LANE CLOSURE TAPER.
4. IF THE BEGINNING OF THE SECOND LANE SHIFT TAPER IS 1200 FEET OR LESS FROM END OF THE FIRST LANE CLOSURE TAPER, PLACE THE WO1-4L SIGN 200 FEET AFTER THE END OF THE FIRST LANE CLOSURE TAPER.



TRAFFIC CONTROL, PARTIAL LANE SHIFT MULTILANE DIVIDED 50 MPH AND GREATER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6
SDD 15D40 - 04d

LEGEND

- EXISTING SIGN ON PERMANENT SUPPORT
- NEW SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK ZONE

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

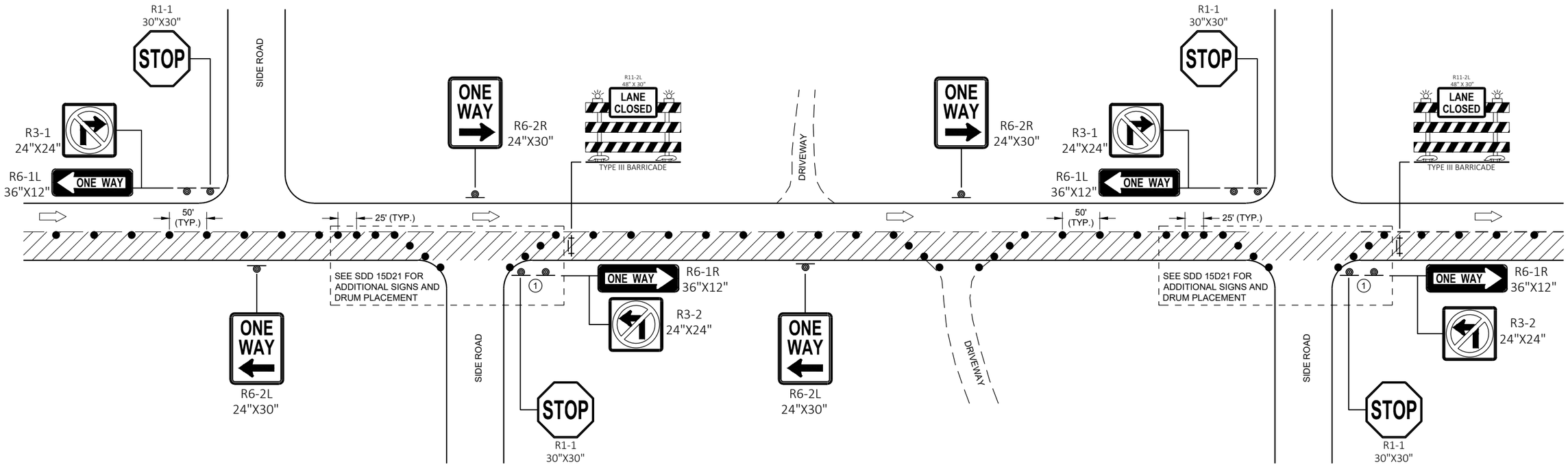
ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) IF WORK OPERATIONS ALLOWS, MOVE R1-1, R6-1R, AND R3-2 CLOSER TO INTERSECTION.



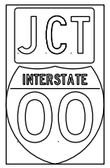
TRAFFIC CONTROL
ONE - WAY SIGNING

TRAFFIC CONTROL ONE-WAY SIGNING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2020 DATE	/S/ Andrew Heidtke WORK ZONE ENGINEE
FHWA	432

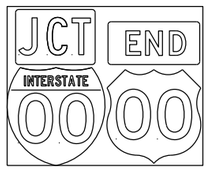
SDD 15D46 - 01

SDD 15D46 - 01

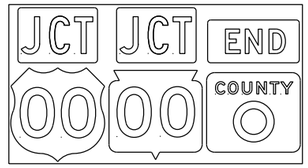
TYPICAL ASSEMBLIES



J1-1



J1-2



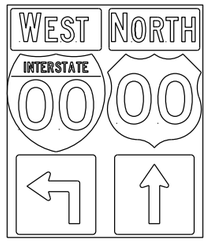
J1-3



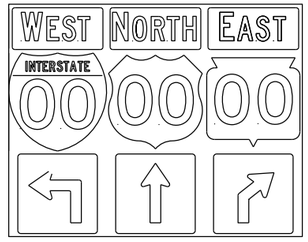
JR1-1



J2-1



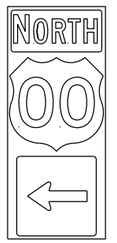
J2-2



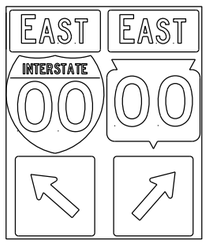
J2-3



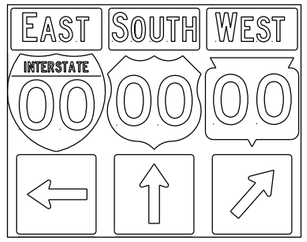
JV
(Typical Vertical J-Assembly
See Note 10 and 11)



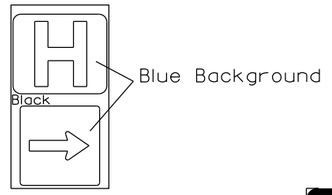
J3-1



J3-2



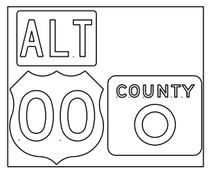
J3-3



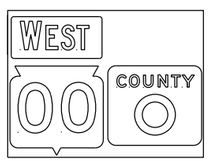
JH-1



J4-1



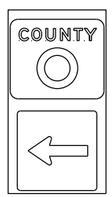
J4-2



J4-2



J12-1



J13-1



J32-1



J33-1



J22-1



J23-1



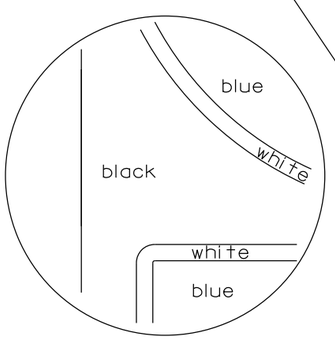
JR13-1

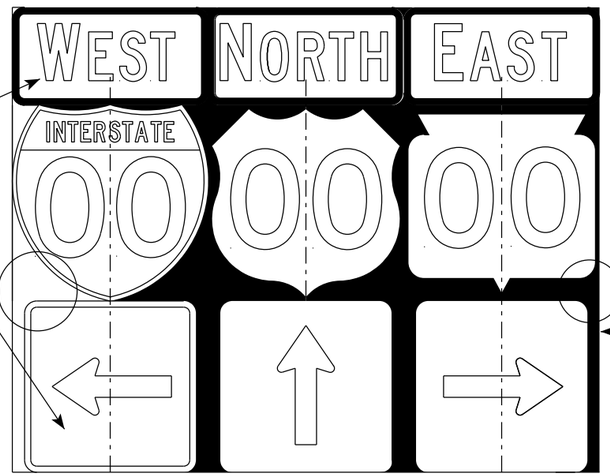


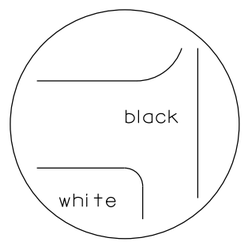
JR23-1



JR99-1







black background

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Black Non-reflective
   Message - see Note 5
3. Message Series - See Note 5
4. Corners shall be square or rounded if base material is plywood. If base material is metal the corners shall be rounded.
5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
8. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
10. All Vertical J Assemblies are given a Sign Code of JV
11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/21 PLATE NO. A2-1S.9

PROJECT NO:

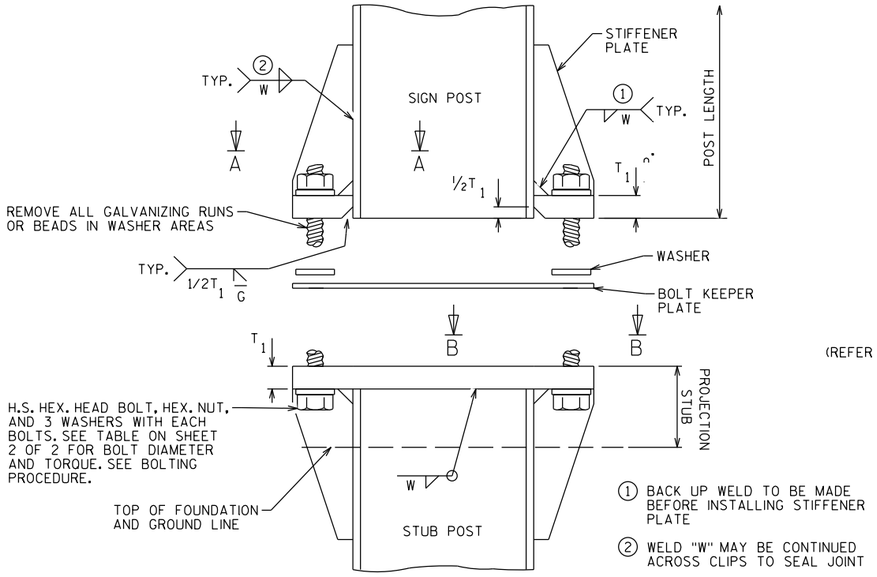
SHEET NO: 433 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate_A21S.dgn PLOT DATE : 18-MAR 2021 1:37 PLOT BY : mscj9h PLOT NAME :

WISDOT/CADDS SHEET 42

7

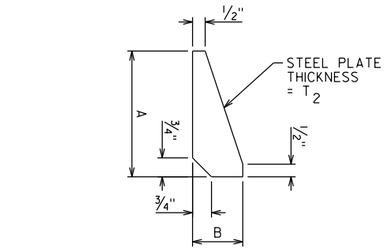
7



① BACK UP WELD TO BE MADE BEFORE INSTALLING STIFFENER PLATE

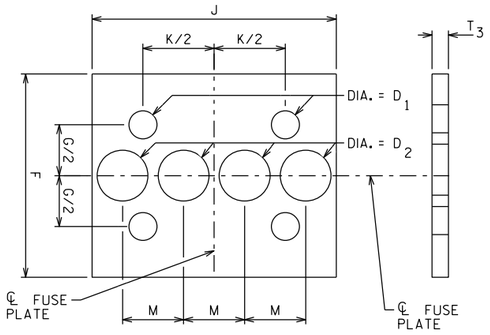
② WELD "W" MAY BE CONTINUED ACROSS CLIPS TO SEAL JOINT

SIGN POST & STUB POST ELEVATION



STIFFENER PLATE DETAIL

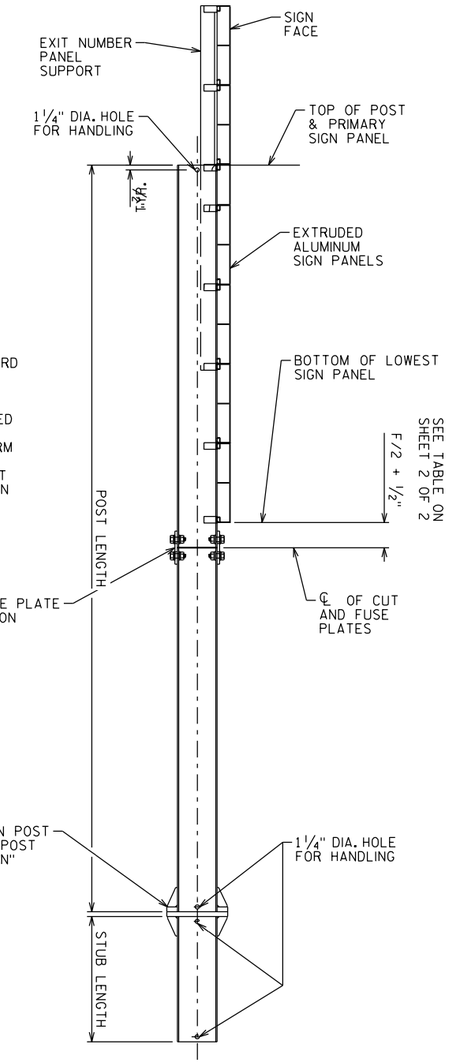
(REFER TO TABLE ON SHEET 2 OF 2 FOR DIMENSIONS)



PERFORATED FUSE PLATE DETAIL

USE H.S. HEX HEAD BOLTS, HEX HEAD NUT AND FLAT WASHER UNDER NUT. INSTALL BOLTS PER THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION SECTION 506.3.12.3.

ALL HOLES SHALL BE DRILLED, SUB-PUNCHED AND REAMED. ALL PLATE CUTS SHALL PREFERABLY BE SAW CUTS. HOWEVER, FLAME CUTTING WILL BE PERMITTED PROVIDED ALL EDGES ARE GROUND. METAL PROJECTING BEYOND THE PLANE OF THE PLATE FACE WILL NOT BE PERMITTED. STEEL FUSE PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36. ASTM A572 GRADE 50 OR ASTM A588 MAY BE SUBSTITUTED FOR A36 AT THE OPTION OF THE FABRICATOR. MILL TEST REPORTS SHALL BE SUBMITTED FOR FUSE PLATES. STEEL USED SHALL HAVE AN ULTIMATE TENSILE STRENGTH NOT TO EXCEED 80 KSI.



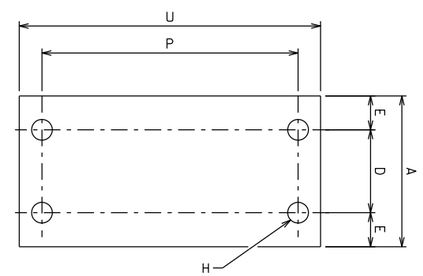
POST DETAIL

☆ WELD THICKNESS = FLANGE THICKNESS - 1/16"

SECTION A-A

SECTION B-B

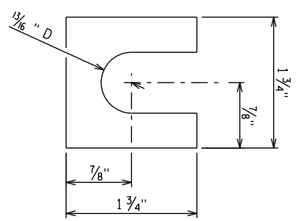
FUSE PLATE CONNECTION DETAIL



H = BOLT DIA. + 1/8"

BOLT KEEPER PLATE DETAIL

30 GA GALVANIZED SHEET STEEL



SHIM DETAIL

FURNISH TWO .012"± THICK AND TWO .032"± THICK SHIMS PER POST. SHIMS SHALL BE FABRICATED FROM BRASS SHIM STOCK OR STRIP CONFORMING TO ASTM B36.

BOLTING PROCEDURE FOR BASE CONNECTION

1. ASSEMBLE SIGN POST, BOLT KEEPER PLATE, AND STUB POST WITH BOLTS AND THREE FLAT WASHERS PER BOLT AS SHOWN.
2. SHIM AS REQUIRED TO PLUMB POST.
3. PRIOR TO BOLT TIGHTENING, LUBRICATE BASE CONNECTION BOLTS WITH BEESWAX OR OTHER HIGH-WAX LUBRICANT.
4. TIGHTEN ALL BOLTS THE MAXIMUM POSSIBLE WITH A 12" OR 15" WRENCH TO BED WASHERS & SHIMS AND TO CLEAN BOLT THREADS.
5. LOOSEN EACH BOLT IN TURN AND RETIGHTEN IN A SYSTEMATIC ORDER TO THE PERSCRIBED TORQUE. (SEE TABLE FOR PERSCRIBED TORQUE). DO NOT OVER-TIGHTEN.
6. BURR THREADS AT JUNCTION WITH NUT USING A CENTER PUNCH TO PREVENT NUT LOOSENING.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE BTO TYPE I SIGNS

DRAWN BY | PLANS CK'D.

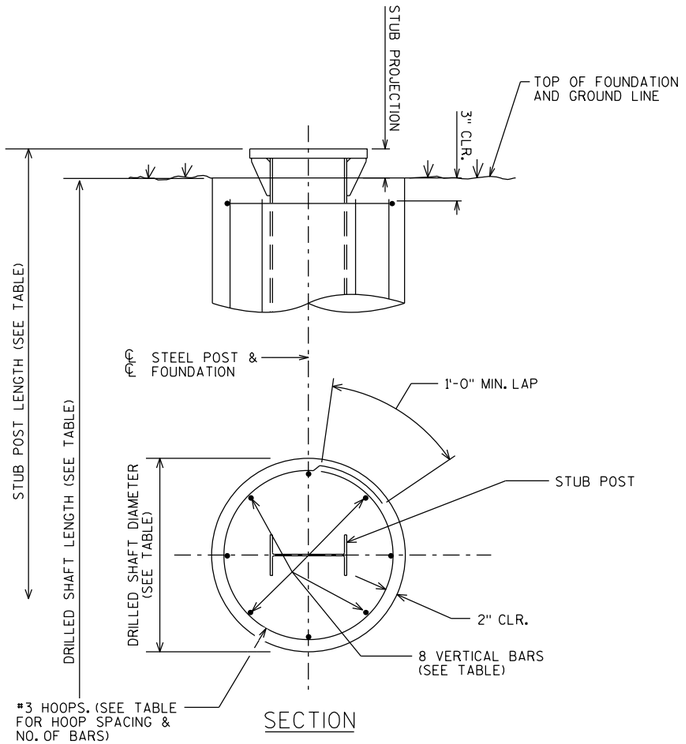
CONNECTION & FOUNDATION DETAILS 1 OF 2

SHEET A3-1.20

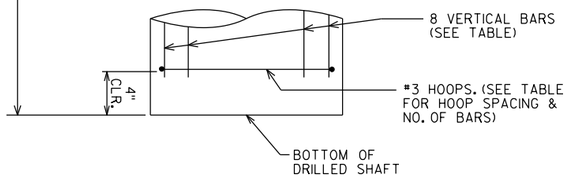
434

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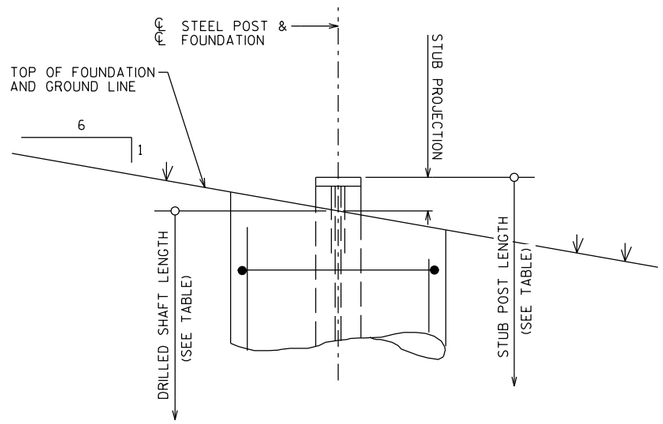
7



SECTION



FOUNDATION DETAIL



SHAFT PLACEMENT

FOUNDATION DATA TABLE

POST SHAPE	STUB LENGTH	STUB PROJECTION	DRILLED SHAFT DIAMETER	DRILLED SHAFT LENGTH	VERTICAL BARS		HOOPS		CONCRETE VOLUME ◆	TOTAL REINF. WEIGHT ◆
					SIZE	LENGTH	MAX SPA.	NO.		
W6X15	2'-6"	3"	24"	6'-6"	#5	5'-11"	10"	9	0.8 CY	71 LB
W8X18	2'-6"	3"	24"	7'-6"	#6	6'-11"	12"	8	0.9 CY	102 LB
W8X21	3'-0"	2½"	24"	8'-0"	#6	7'-5"	12"	9	1.0 CY	110 LB
W10X22	3'-0"	2½"	24"	8'-6"	#7	7'-11"	12"	9	1.0 CY	151 LB
W12X26	3'-0"	2½"	24"	10'-0"	#7	9'-5"	12"	11	1.2 CY	180 LB

◆ QUANTITIES SHOWN ARE FOR ONE DRILLED SHAFT

BASE CONNECTION & FUSE PLATE DATA TABLE

POST SHAPE	WEIGHT PER FOOT	BASE CONNECTION DATA: BOLT SIZE & TORQUE	A	B	C	D	E	T1	T2	W	R	BOLT KEEPER PLATE DATA: P	U	PERFORATED FUSE PLATE DATA: F	G	J	K	M	D1	D2	T3	BOLT DIA.	WGT. EA. LBS	BOLT LENGTH	V ◪
W6X15	15 LB	⅝" DIA. X 4" 36 TO 38 FT-LB	5"	2"	1¼"	2¾"	1⅛"	1¼"	½"	¼"	11/32"	8½"	10"	5"	2½"	6"	3½"	1½"	11/16"	1¼"	⅜"	⅝"	2.4	2	73.0 LB
W8X18	18 LB											10⅝"	12⅛"	5"	2½"	5¼"	2¾"	1¼"	11/16"	1 1/16"	⅜"	⅝"	2.0	2	83.0 LB
W8X21	21 LB	¾" DIA. X 4¾" 62 TO 63 FT-LB	6"	2¼"	1⅜"	3½"	1¼"	1½"	¾"	5/16"	13/32"	11"	12¾"	5½"	2½"	5¼"	2¾"	1¼"	13/16"	1"	½"	¾"	3.1	2¼"	124.0 LB
W10X22	22 LB											12⅞"	14⅝"	6"	3"	5¾"	2¾"	1⅜"	13/16"	1⅛"	½"	¾"	3.9	2¼"	134.0 LB
W12X26	26 LB											15"	16¾"	6"	3"	6½"	3½"	1⅝"	13/16"	1 5/16"	½"	¾"	4.5	2¼"	152.0 LB

◪ TOTAL STRUCTURAL CARBON STEEL WEIGHT FOR ONE POST = V + (POST LENGTH X POST WEIGHT PER FOOT)

"V" INCLUDES STUB POST, BASE PLATES, STIFFENER PLATES, PERFORATED FUSE PLATES, BOLTS, NUTS, AND WASHERS.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED

MATERIALS SHALL CONFORM TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SECTION 506, UNLESS NOTED OTHERWISE.

FABRICATION SHALL CONFORM TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SECTION 506.

ALL POST, POST STUBS & ATTACHMENTS SHALL BE ASTM A709 GRADE 50, GALVANIZED IN ACCORDANCE WITH ASTM A123.

THE POST, BASE PLATES, UPPER SIX INCHES OF STUB POST, FLANGE SPLICE PLATE AND FUSE PLATE SHALL BE GALVANIZED AFTER FABRICATION.

H.S. BOLTS, WASHERS, & NUTS SHALL BE A325 GALVANIZED.

FOUNDATION MATERIAL PROPERTIES

CONCRETE MASONRY	F'C = 3,500 P.S.I.
BAR STEEL REINFORCEMENT (UNCOATED), GRADE 60	FY = 60,000 P.S.I.

DESIGN DATA

DESIGN CONFORMS TO AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS 1ST EDITION 2015 (WITH 2017 & 2018 INTERIM REVISIONS).

DEAD LOADS (DL):

- STEEL POST SELF WEIGHT
- SIGN PANEL WEIGHT = 3 PSF

WIND LOADS (WL):

WIND LOADS WERE APPLIED TO THE PROJECTED AREAS OF THE SIGN PANELS AND THE STEEL SIGN POSTS.

- BASIC WIND SPEED = 76 MPH
- MEAN RECURRANCE INTERVAL (MRI) = 10 YEARS
- HEIGHT & EXPOSURE FACTOR = 1.00
- DIRECTIONALITY FACTOR = 0.85
- GUST EFFECT FACTOR = 1.14

WIND LOAD CASES:

- WL CASE 1: 1.0 X NORMAL WIND
- WL CASE 2: 1.0 X TRANSVERSE WIND
- WL CASE 3: 0.75 X NORMAL WIND + 0.75 X TRANSVERSE WIND

LOAD COMBINATIONS:

LOAD COMBINATION	TYPE	DL FACTOR	WL FACTOR
STRENGTH I	GRAVITY	1.25	-
EXTREME I	WIND	1.10	1.0
		0.9	1.0
SERVICE I	DEFLECTION	1.0	1.0

FOUNDATION DESIGN DATA

THE FOUNDATION DESIGN ASSUMED COHESIONLESS SOILS (LOOSE SAND) ABOVE THE WATER TABLE WITH THE FOLLOWING PROPERTIES:

- SOIL UNIT WEIGHT = 115 PCF
- ANGLE OF INTERNAL FRICTION = 24 DEGREES
- SOIL MODULUS PARAMETER = 25 LB/IN3

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE BTO TYPE I SIGNS

DRAWN BY | PLANS CK'D.

CONNECTION & FOUNDATION DETAILS 2 OF 2

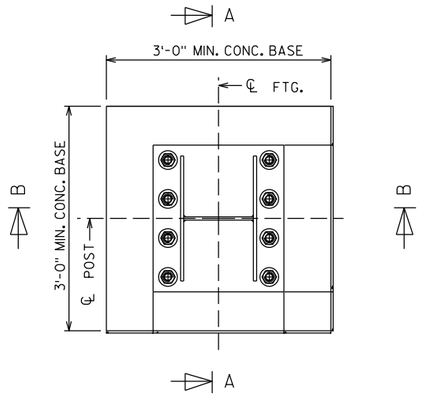
SHEET A3-1.20

435

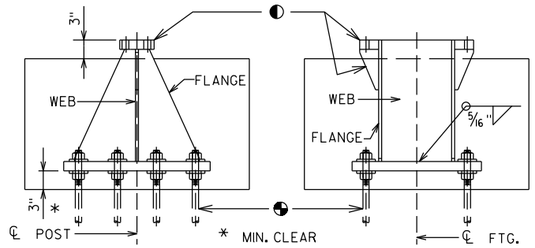
7

7

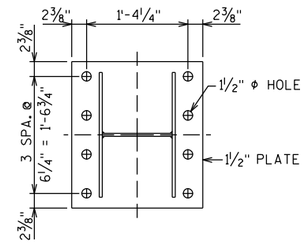
STUB AND ADHESIVE ANCHOR DETAILS



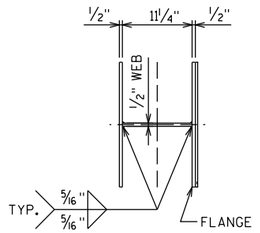
STUB SECTION



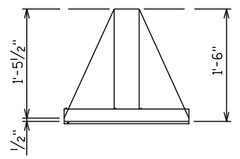
SECTION A-A SECTION B-B



BASE PLATE



STUB



FLANGE

◐ SEE BASE CONNECTION DETAILS ON "CONNECTIONS & FOUNDATION DETAILS" SHEETS.

◔ ADHESIVE ANCHORS 1¼-INCHES. ALLOWABLE PULL OUT CAPACITY = 15 KIPS. EMBED 1'-3" INTO ROCK.

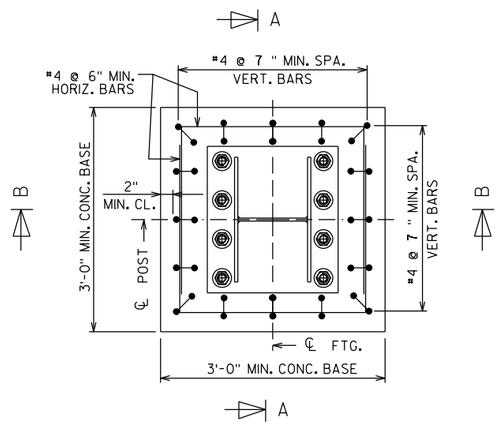
GENERAL NOTES:

QUANTITIES PER BASE:
REINFORCING STEEL = 62 LB
CONCRETE = 0.6 CY
STRUCTURAL STEEL = 335 LB

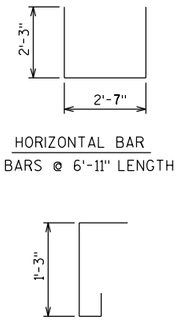
ALL MATERIALS, EXCEPT FOR ANCHOR ROD, NUTS, AND WASHERS, SHALL BE ASTM A709 GRADE 50. ALL MATERIALS TO BE GALVANIZED AFTER FABRICATION.

IF ROCK IS ENCOUNTERED PRIOR TO REACHING THE MINIMUM DRILLED SHAFT EMBEDMENT DEPTH DEFINED ON THE FOUNDATION DATA TABLE OF THE "CONNECTIONS & FOUNDATION DETAILS 2 OF 2" SHEET, THE CONTRACTOR SHALL INSTALL A TEST ADHESIVE ANCHOR AND DETERMINE THE PULL-OUT CAPACITY. IF THE FIELD TEST RESULTS IN A PULL-OUT CAPACITY GREATER THAN OR EQUAL TO 15 KIPS, THE CONTRACTOR MAY INSTALL THE ALTERNATE CONCRETE BASE AND BREAK-WAY STUB PER THE DETAILS ON THIS SHEET.

CONCRETE BASE DETAILS

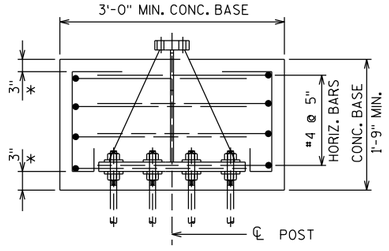


CONCRETE BASE PLAN

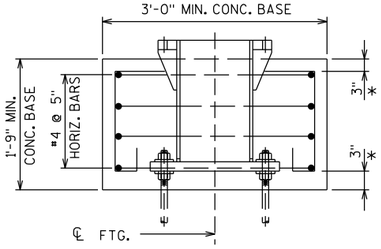


HORIZONTAL BAR
8 BARS @ 6'-11" LENGTH

VERTICAL BARS
16 BARS @ 2'-4" LENGTH
MAY BE PLACED IN SKEW
FOR CLEARANCE NEED



SECTION A-A



SECTION B-B

* MIN. CLEAR

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

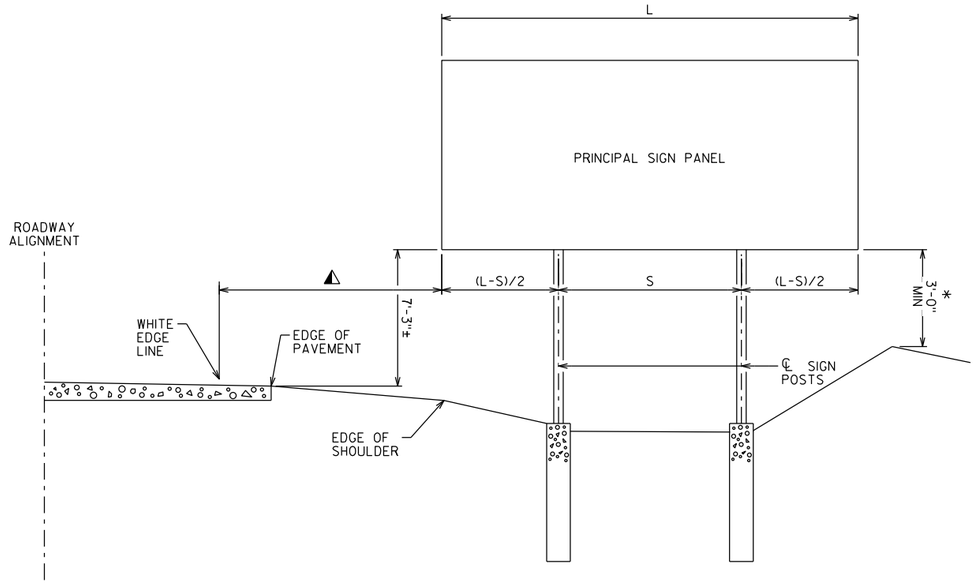
STRUCTURE BTO TYPE I SIGNS

DRAWN BY	PLANS CK'D.

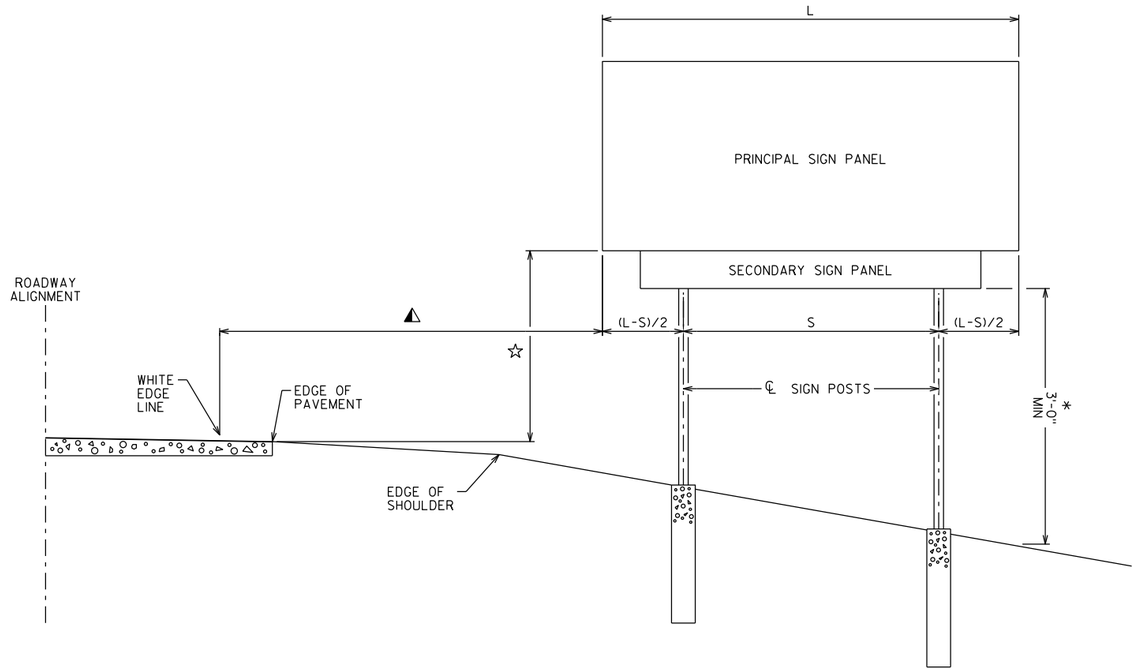
ALTERNATE BREAK-AWAY BASE ON ROCK

SHEET A3-1M.2

436



INSTALLATION WITHOUT SECONDARY SIGN



INSTALLATION WITH SECONDARY SIGN

TYPE 1 SIGN INSTALLATION NOTES:

FOR A 2-POST INSTALLATION, "S" EQUALS 3L/5, BUT SHALL NOT BE LESS THAN 6'-0".

FOR A 3-POST INSTALLATION, "S" EQUALS 5L/7, BUT SHALL NOT BE LESS THAN 12'-0". THE SPACING BETWEEN ANY TWO POSTS SHALL NOT BE LESS THAN 6'-0".

⚠ UNLESS NOTED IN THE PLANS, THE SIGN OFFSET DISTANCE SHALL BE A MINIMUM OF 17'-6" FROM THE WHITE EDGE LINE, DESIRABLE 30'-0".

THE ± TOLERANCE SHOWN ON THIS SHEETS IS 3".

THE VERTICAL SIGN HEIGHT CLEARANCES SHOWN ON THIS SHEET ARE MEASURED FROM THE BOTTOM OF THE SIGN PANEL TO THE NEAR EDGE OF PAVEMENT.

☆ THE VERTICAL CLEARANCE SHALL BE 8'-3"± WHEN THE SECONDARY SIGN HEIGHT IS 3'-0" OR LESS. FOR SECONDARY SIGN HEIGHTS LARGER THAN 3'-0", THE VERTICAL CLEARANCE TO THE BOTTOM OF THE SECONDARY SIGN PANEL SHALL BE 5'-3"±.

* THE VERTICAL SIGN GROUND CLEARANCE ON RIGHT END OF SIGN SHALL BE A MINIMUM OF 3'-0"±.

POST LENGTHS SHOWN IN THE MISCELLANEOUS QUANTITIES ARE ESTIMATED LENGTHS. THE CONTRACTOR SHALL VERIFY POST LENGTHS AT THE TIME OF FINAL GRADING.

REFER TO THE TRAFFIC ENGINEERING OPERATIONS AND SAFETY MANUAL FOR FURTHER GUIDANCE ON MINIMUM VERTICAL CLEARANCE REQUIREMENTS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

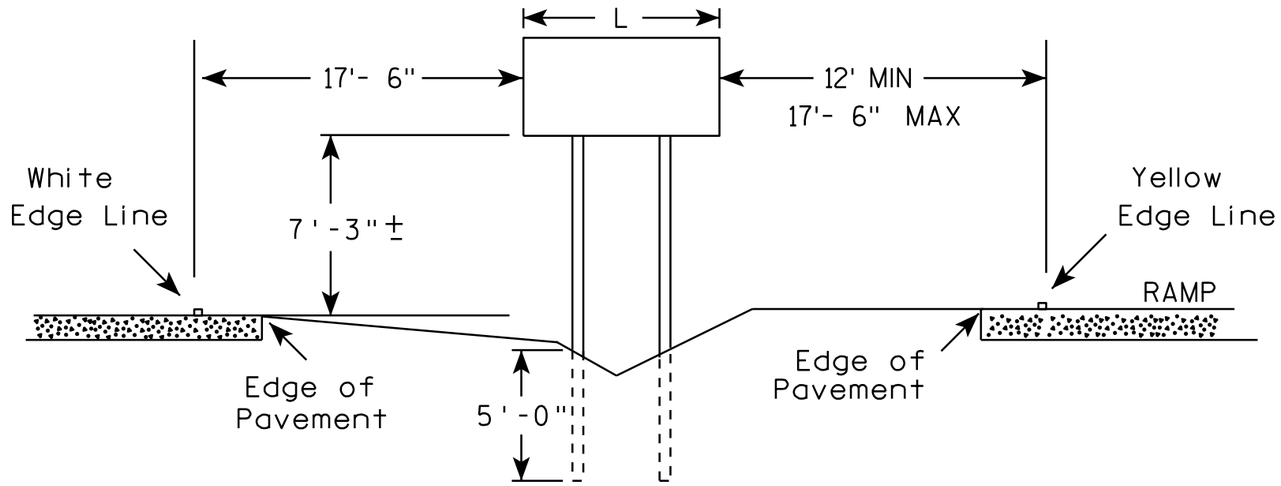
STRUCTURE BTO TYPE I SIGNS

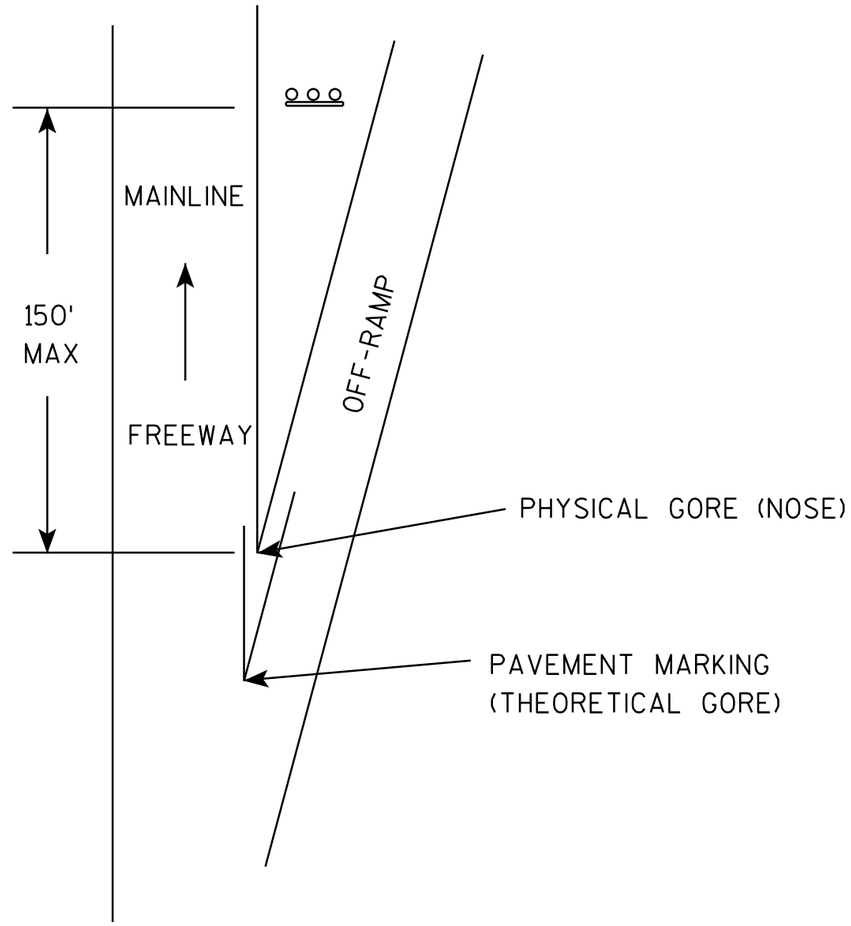
DRAWN BY | PLANS CK'D.

TYPICAL TYPE I SIGN INSTALLATION

SHEET A4-1.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 437 | E





GENERAL NOTES

1. The 150 foot distance from the physical gore (where pavement ends) will normally provide the offsets as shown.
2. If roadway geometrics permit, the sign may be closer than the 150 foot distance as long as the offsets are maintained.
3. At no time shall the location be greater than 150 feet. If the normal offsets cannot be maintained, they can be reduced to 6 feet from the edge of the paved shoulder (both freeway and ramp).
4. The offset from edge of sign to the yellow edge line on the ramp is shown as a minimum of 12 feet and a maximum of 17 feet, 6 inches. Preference is adhering to the maximum rather than the minimum dimension.
5. When L is equal to or exceeds 10 feet, use 3 posts as per A4-4.
6. The (∓) tolerance for the mounting height is 3 inches.

7

7

TYPICAL INSTALLATION
OF TYPE II SIGNS ON
WOOD POSTS IN GORE

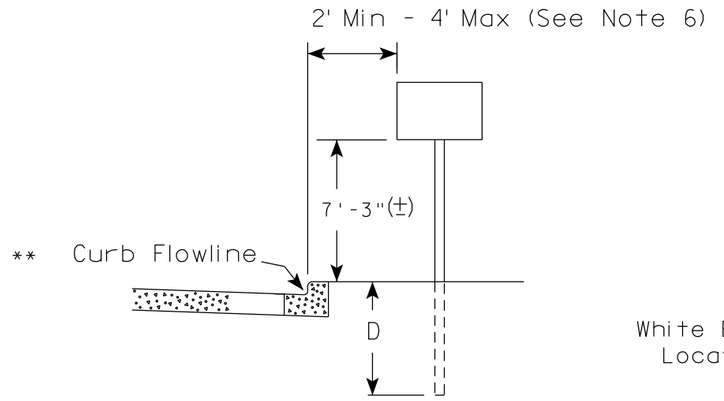
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

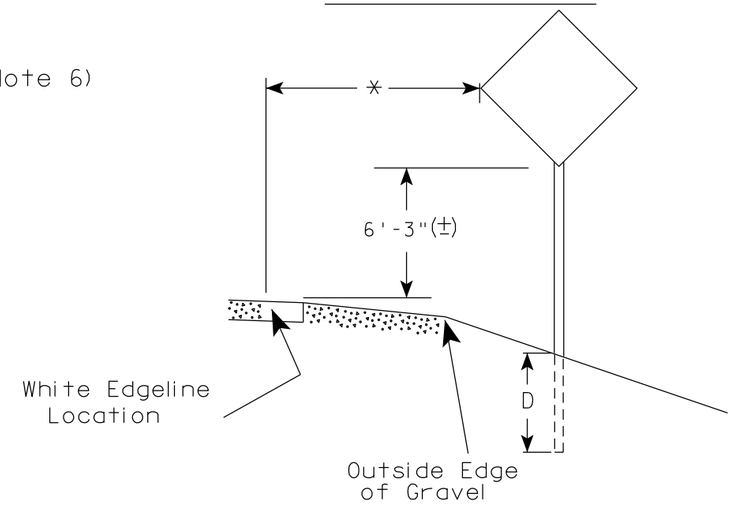
DATE 2/06/14 PLA 438 A4-2.3

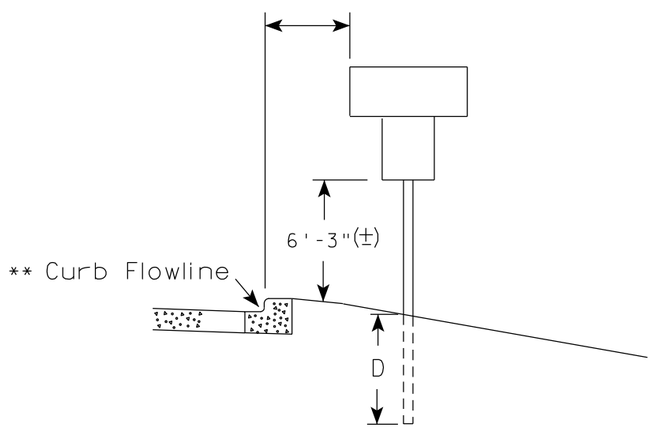
PROJECT NO: | SHEET NO: E

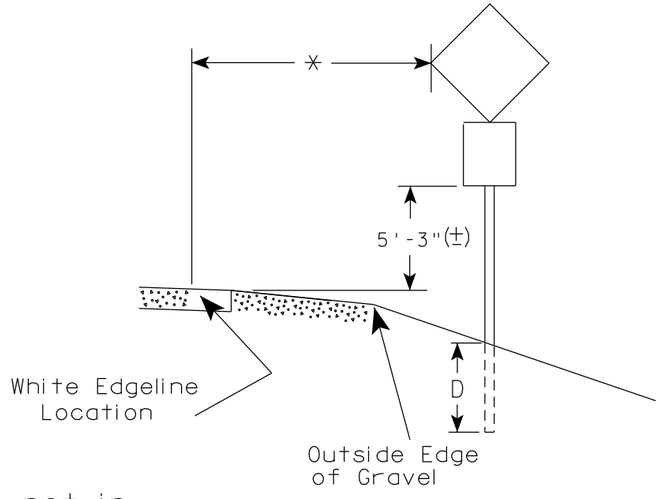
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq.Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. The (±) tolerance for mounting height is 3 inches.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.

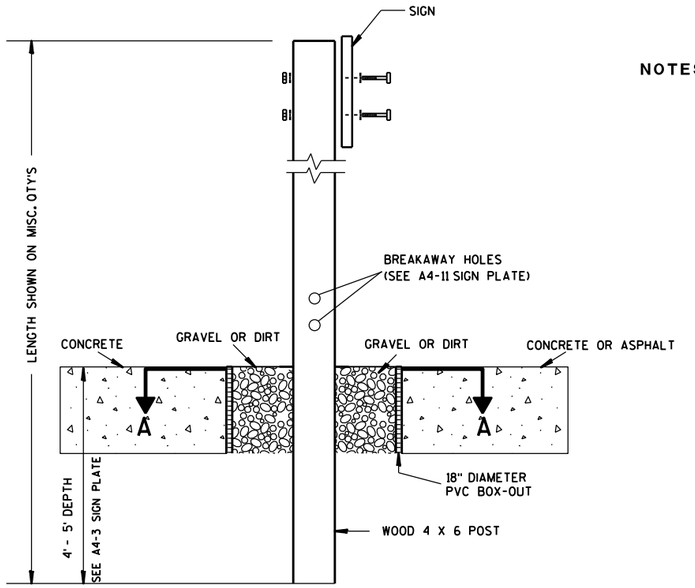
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/13/2020 PLATE NO. A4-3.22

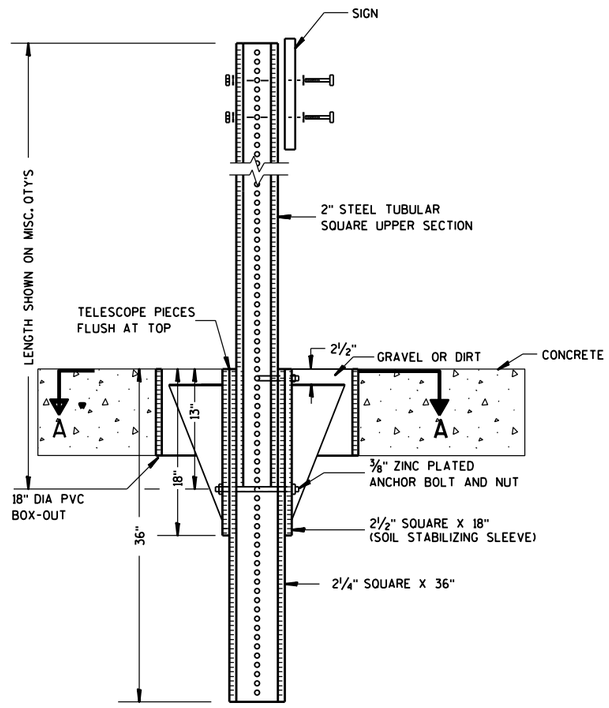
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 439	E



ELEVATION VIEW

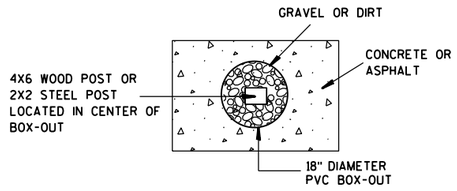
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

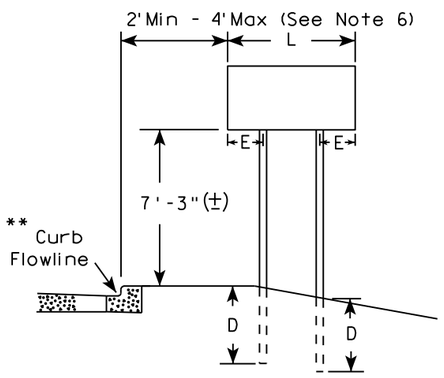
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

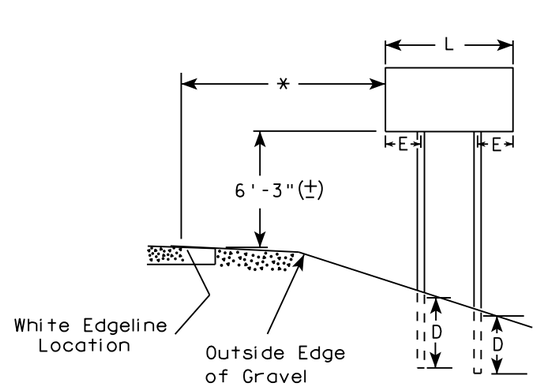
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

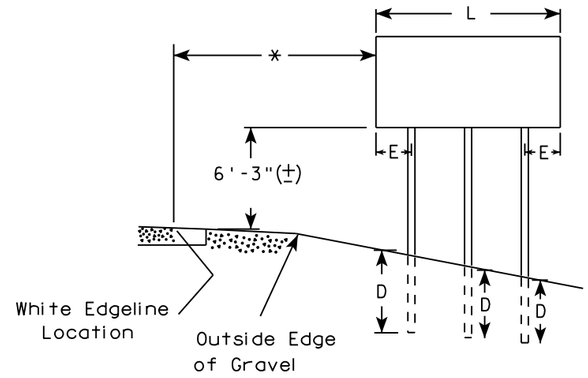
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

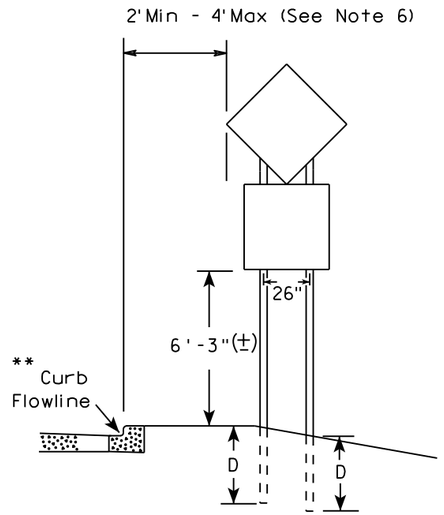
URBAN AREA



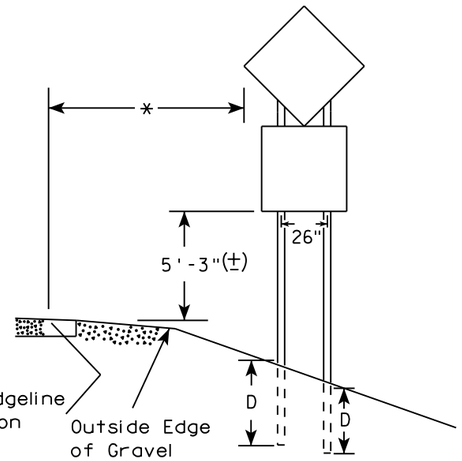
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

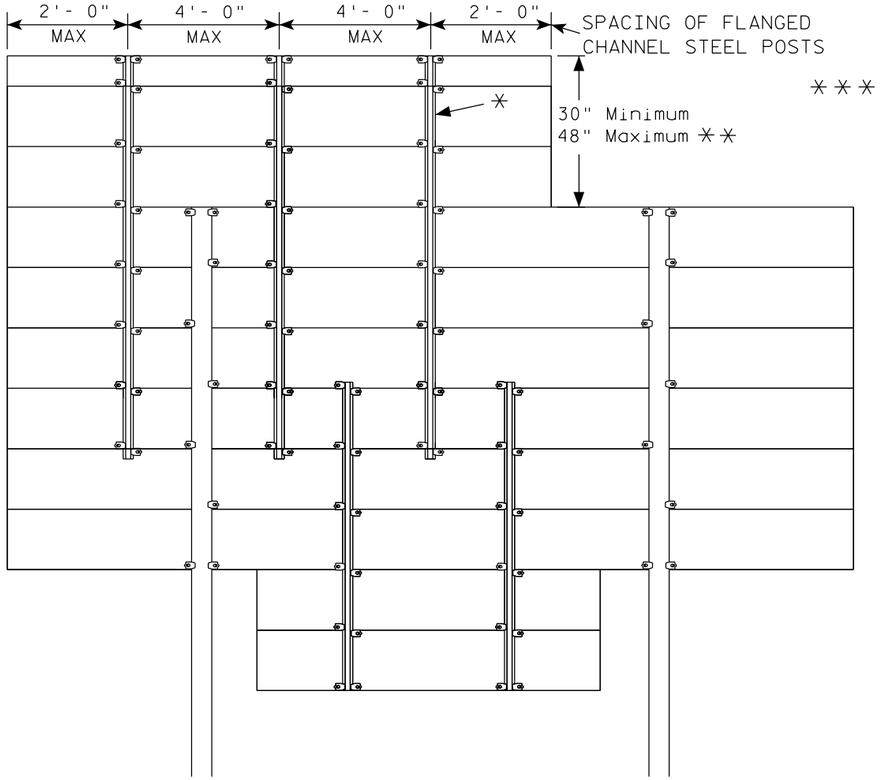
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 441	E

GROUND MOUNTED SIGN



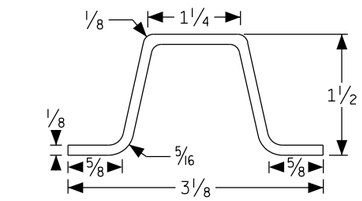
✳=2.00 lb/ft AND 4.00 lb/ft FLANGED CHANNEL, MIN. YIELD STRENGTH = 60,000 PSI (GRADE 60) GALVANIZED

✳✳=FOR 48" HEIGHT PANELS ON OVERHEAD STRUCTURES, ENTIRE SIGN SHALL BE CENTERED VERTICALLY ABOUT THE DEPTH OF THE TRUSS.

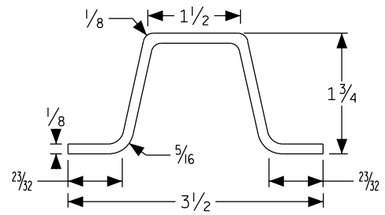
✳✳✳ THESE SPACING DISTANCES SHALL ONLY BE USED WHEN THE MAIN SIGN HAS A MAXIMUM HEIGHT (DIMENSION H) OF 15 FT OR LESS. FOR SIGNS WITH A HEIGHT OF GREATER THAN 15 FT, STRUCTURAL CALCULATIONS SHALL BE PERFORMED.

FLANGE CHANNEL DETAILS

NOT TO SCALE

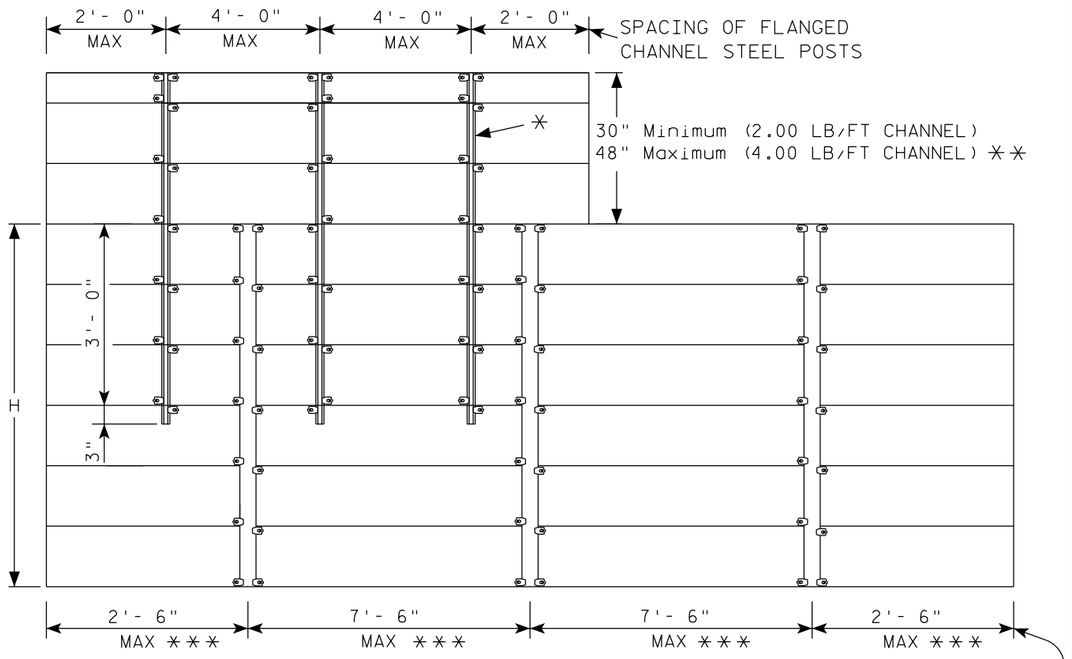


2.00 LB/FT CHANNEL



4.00 LB/FT CHANNEL

SIGN BRIDGE MOUNTED SIGN



SPACING OF ALUMINUM SIGN SUPPORTS 5" X 3.5" X 3.7 LBS./ft.

GENERAL NOTES

1. Flanged channel steel posts shall conform to size and material above, and shall be considered as incidental to other items in the contract.
2. Number of Flanged channel steel supports varies with length of panel and shall be spaced as shown:

   PANEL LENGTH 8'-0" OR LESS = 2 CHANNELS
   PANEL LENGTH 9'- 0" - 12'- 0" = 3 CHANNELS
   PANEL LENGTH 13'- 0" OR MORE = 4 CHANNELS

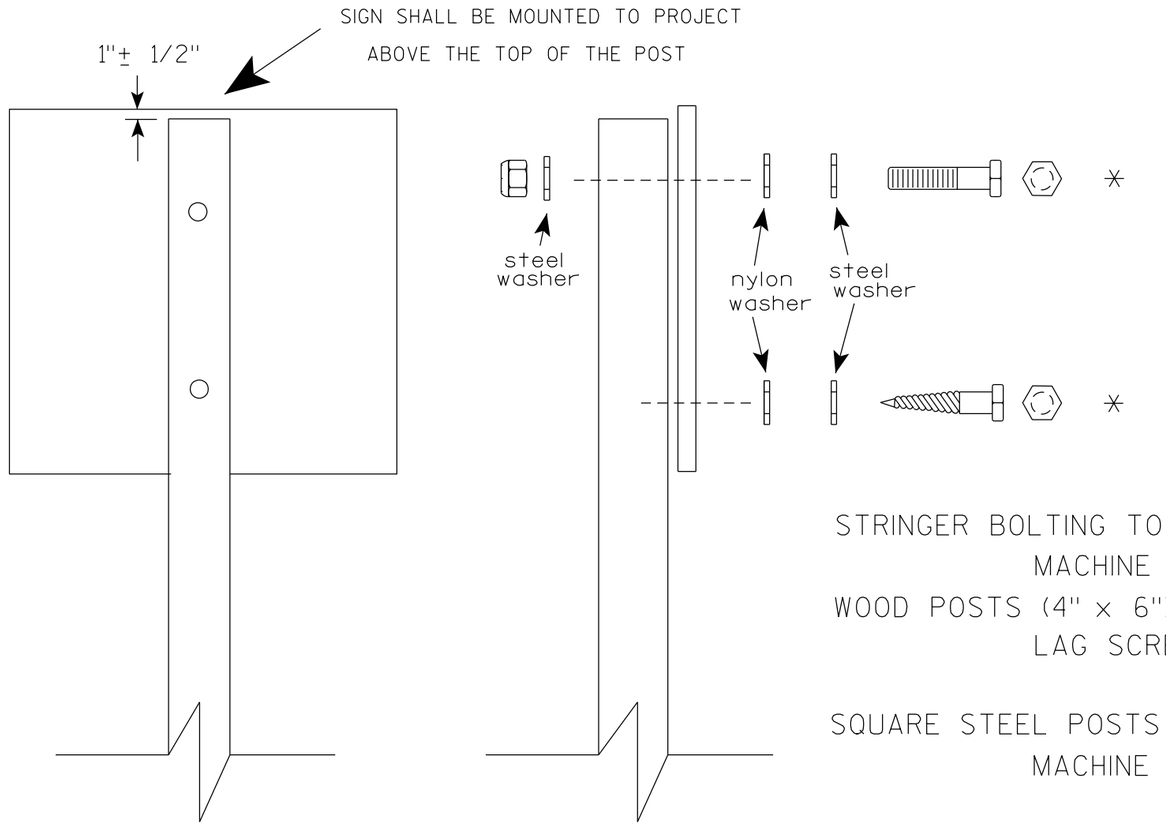
   If the flanged channel steel posts can not be horizontally spaced as shown, they can be moved so as to securely hold the sign.
3. The EXIT NUMBER PANEL shall normally be positioned above the guide sign aligned with the right edge of the guide sign. If the guide sign indicates a left exit, the EXIT NUMBER PANEL shall be aligned with the left edge of the guide sign.
4. If the bolt holes in the top panel (EXIT NUMBER), or sub panel (NEXT EXIT) line up with holes in main sign panel, stitch bolts shall be used in addition to the channels.
5. Provide post clips for each sign as shown. (Please note the differences between a ground mounted versus Sign bridge mounted sign as far as number of clips required on the main supports or beams)
6. Structural steel sign supports shall extend to the top of the main signs, as shown on the above details.

ATTACHMENT OF GUIDE SIGNS TO SUPPORTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/07/20 PLATE NO. A4-6.12



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

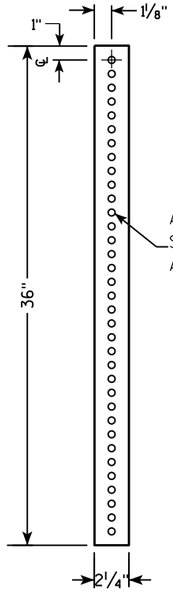
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

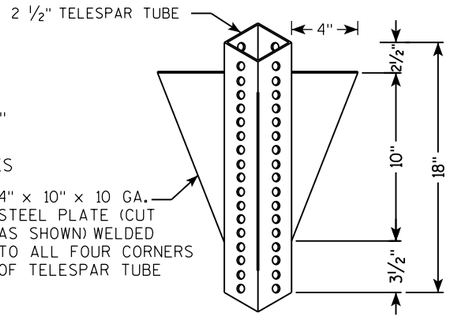
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

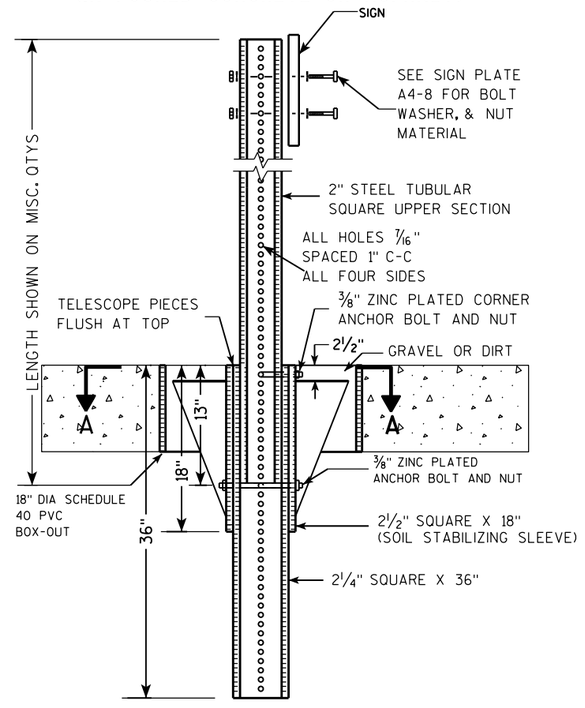
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



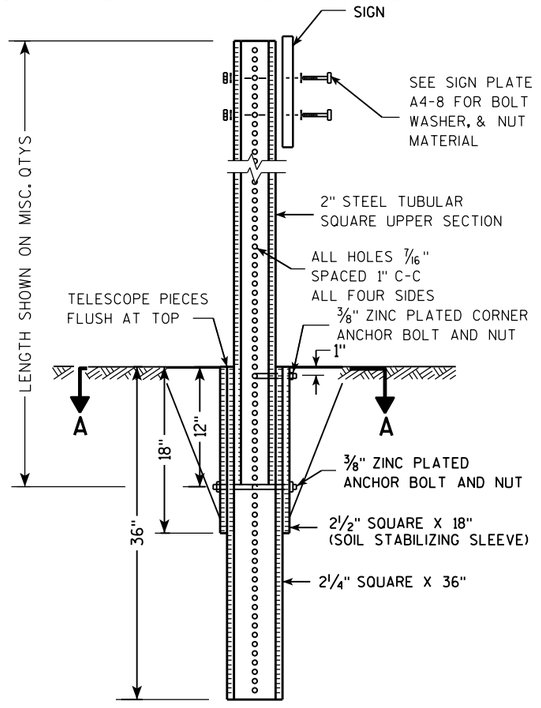
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

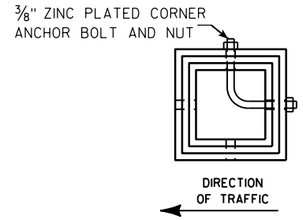


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

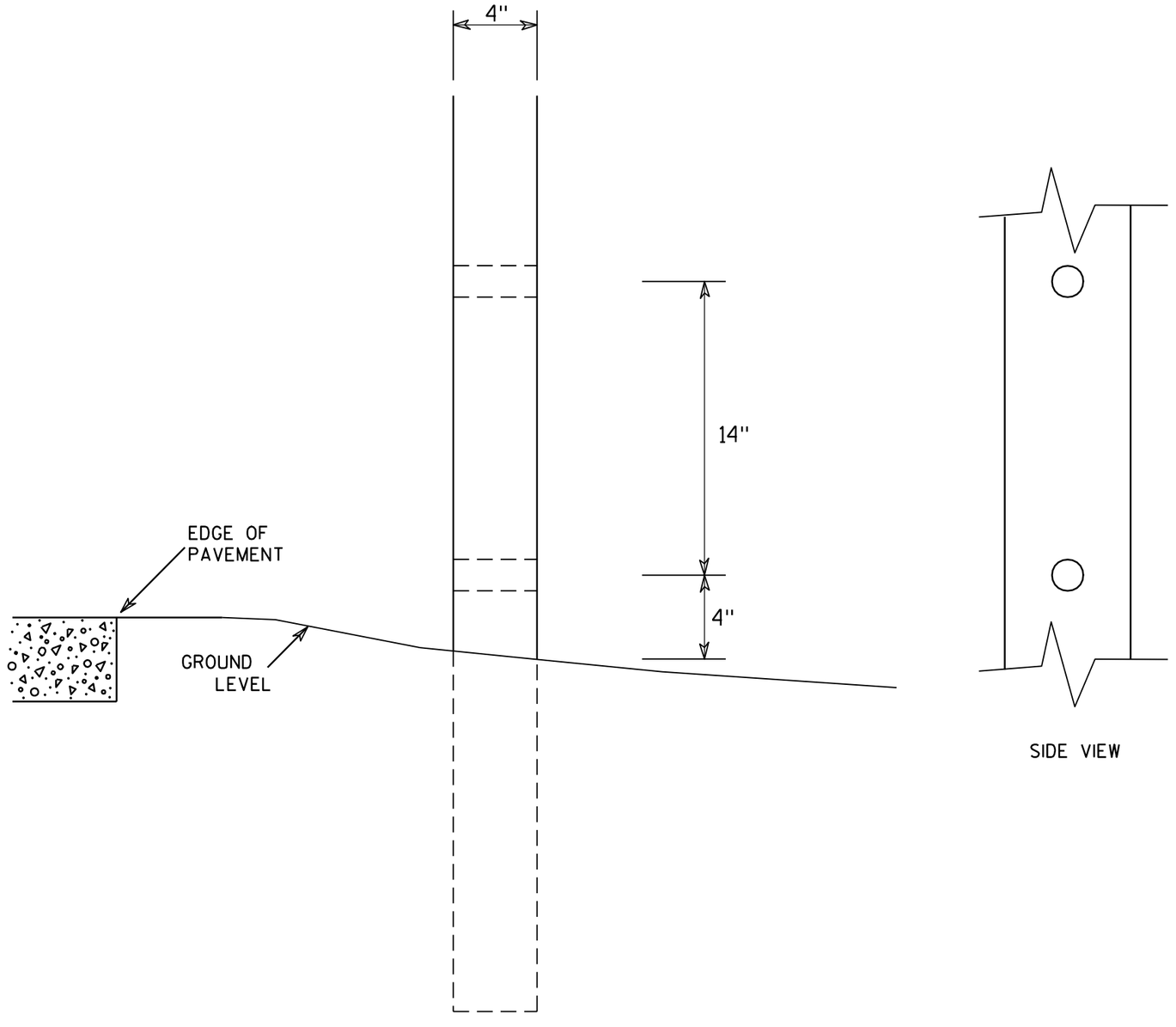
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 444 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

4 X 6 WOOD POST MODIFICATIONS

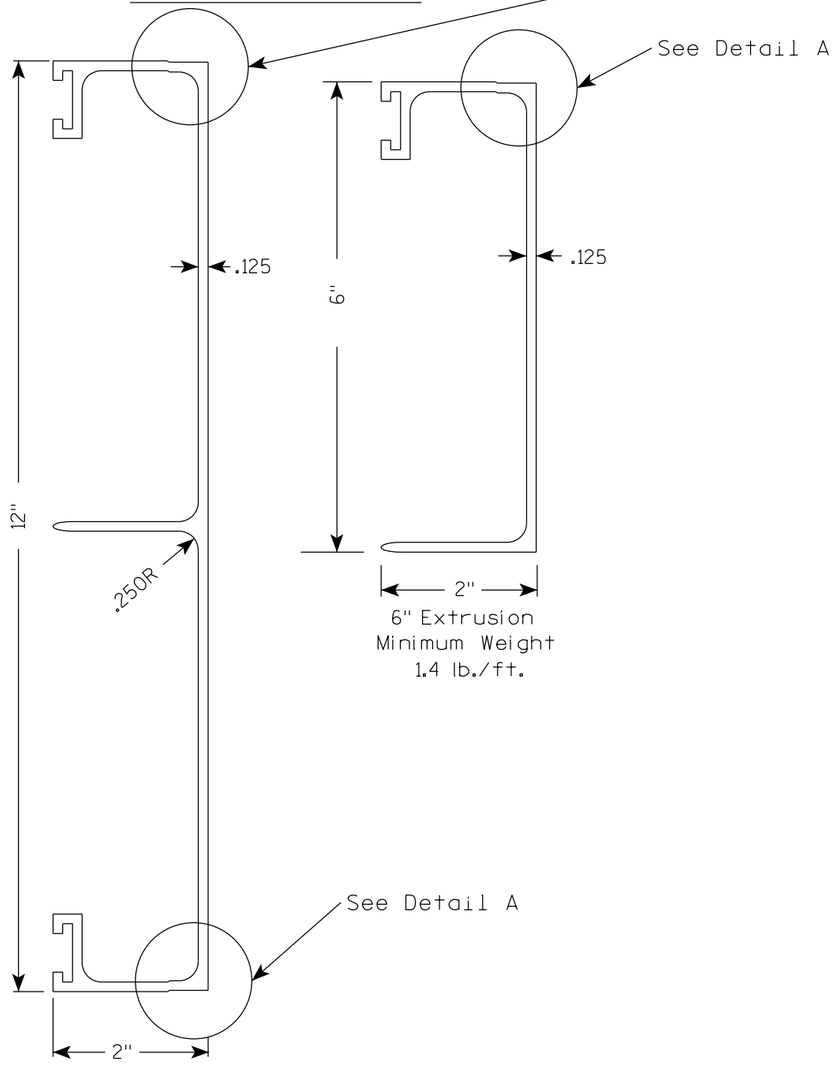
WISCONSIN DEPT OF TRANSPORTATION

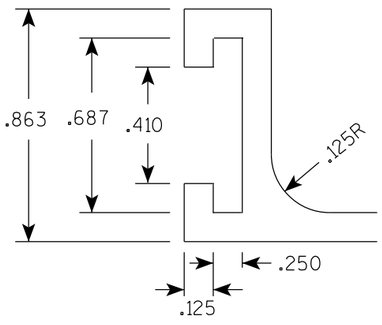
APPROVED Chester J Spang for State Traffic Engineer

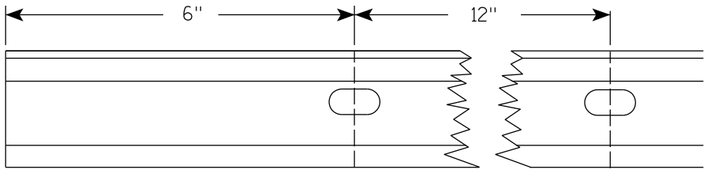
DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 445	E

Extruded Shape







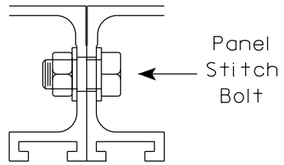
Punch 7/16" x 7/8" oval holes beginning 6" in from end of extrusion 12" CC on both edges of 6" and 12" panels.

Hardware

STITCH BOLT, WASHER & NUT

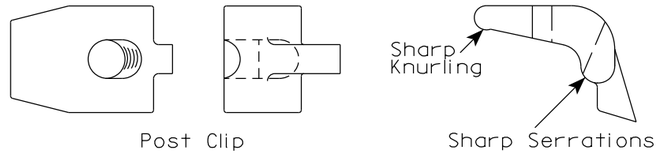
The hardware includes:

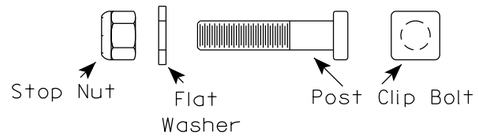
3/8 " - 16 X 3/4 " Economy Bolt 2024-T4 alloy
3/8 " - Stainless steel stop nut
3/8" X .064 Flat Washers, Alclad 2024-T4 alloy



POST CLIP, POST CLIP BOLT, WASHER & NUT

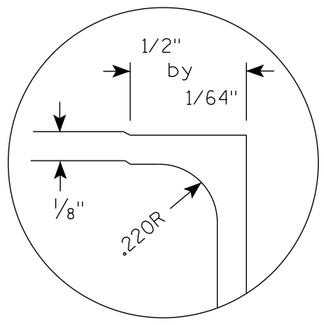
Post Clip shall be Alum. Alloy 356-T6
Post Clip Bolt shall be Stainless Steel.
Flat washer shall be 3/8" X .091, Stainless Steel.
Stop nut shall be stainless steel.





NOTES

1. The contractor may select any brand of extrusion that conforms to the illustrations or meets with the approval of the engineer, but all extrusions used on this contract shall be of the same brand.
2. Panel Stitch Bolts shall be used to assemble adjacent panels. Maximum stitch bolt spacing shall be 24" C-C, and a minimum of 4 bolts shall be used to connect any two extrusions.
3. Post Clips shall be used to attach the sign panel to the sign support.
4. Edge wrapping of sign sheeting required on all extrusions joints shown in Detail A.



DETAIL A (EDGE WRAP JOINT)

ALUMINUM EXTRUSIONS FOR TYPE I SIGNS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

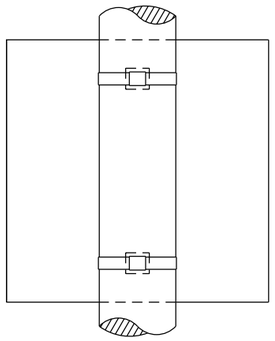
DATE 1/07/20 PLATE NO. A5-2.10

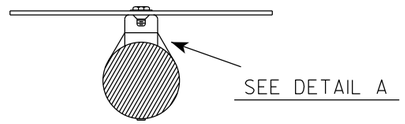
PROJECT NO:

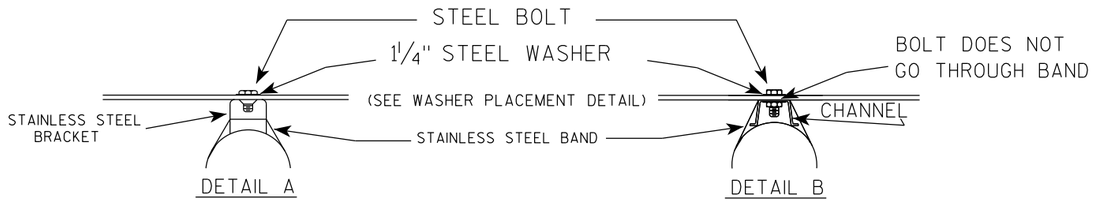
SHEET NO: 446 E

BANDING

SINGLE SIGN



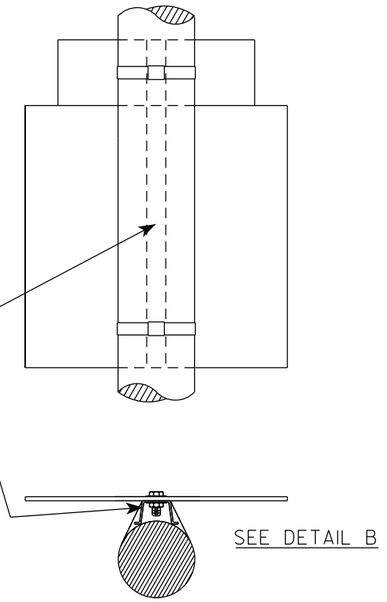




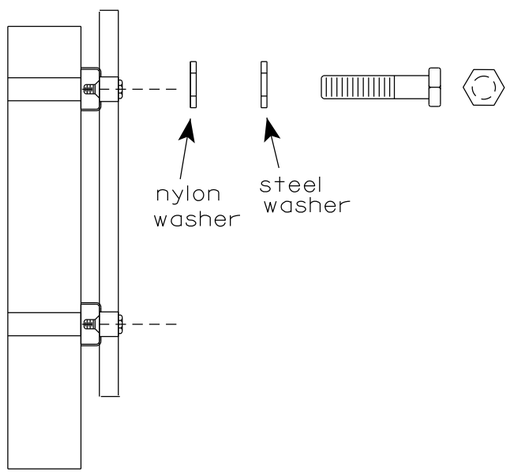
GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X ⅜" I.D. X 1/16" STEEL
1-1/4" O.D. X ⅜" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

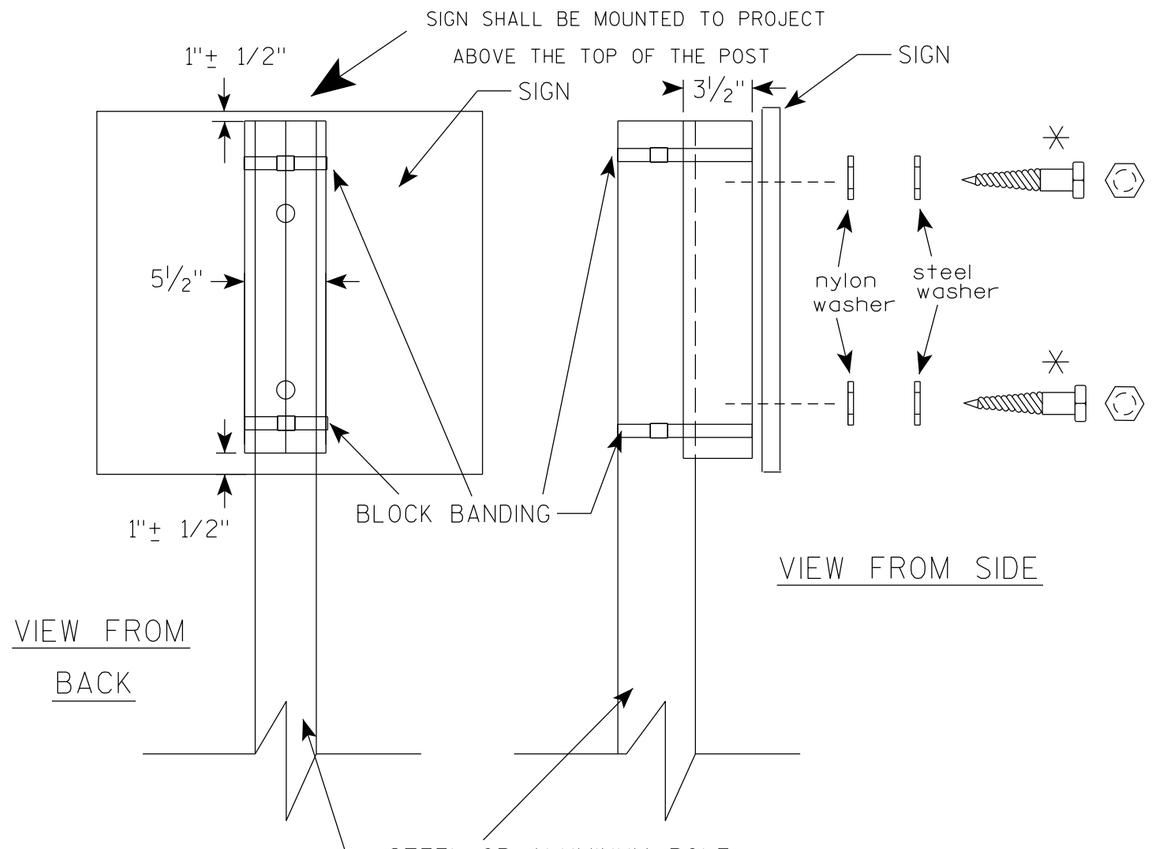
DATE 6/10/19 PLATE NO. A5-9.4

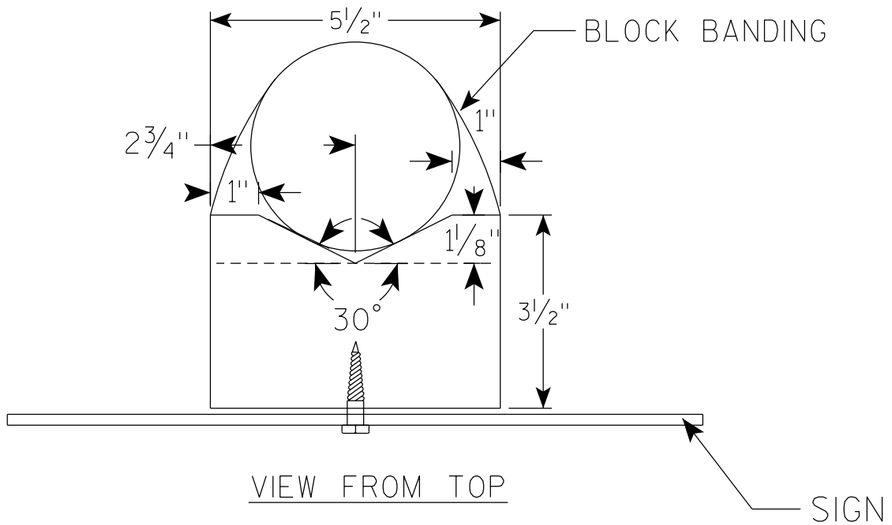
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 447	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

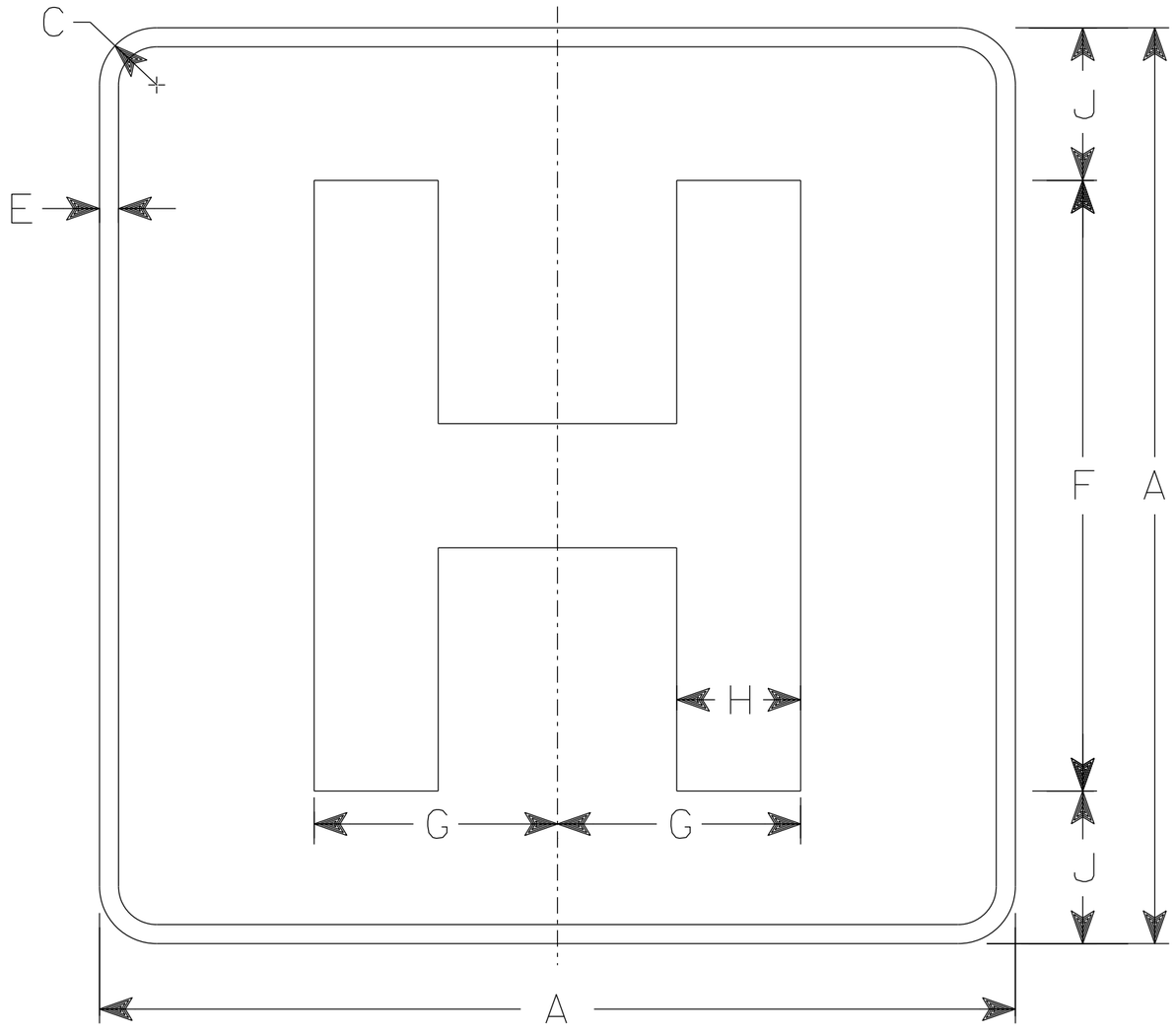
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 448 E



D9-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Blue
   Message - White
3. Message Series - E Modified
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18		1 1/8		1/2	12	4 3/4	2 3/8		3																	2.25
2S	24		1 1/2		1/2	16	6 3/8	3 1/4		4																	4.0
2M	24		1 1/2		1/2	16	6 3/8	3 1/4		4																	4.0
3	36		2 1/4		3/4	24	9 1/2	4 7/8		6																	9.0
4																											
5																											

STANDARD SIGN
D9-2

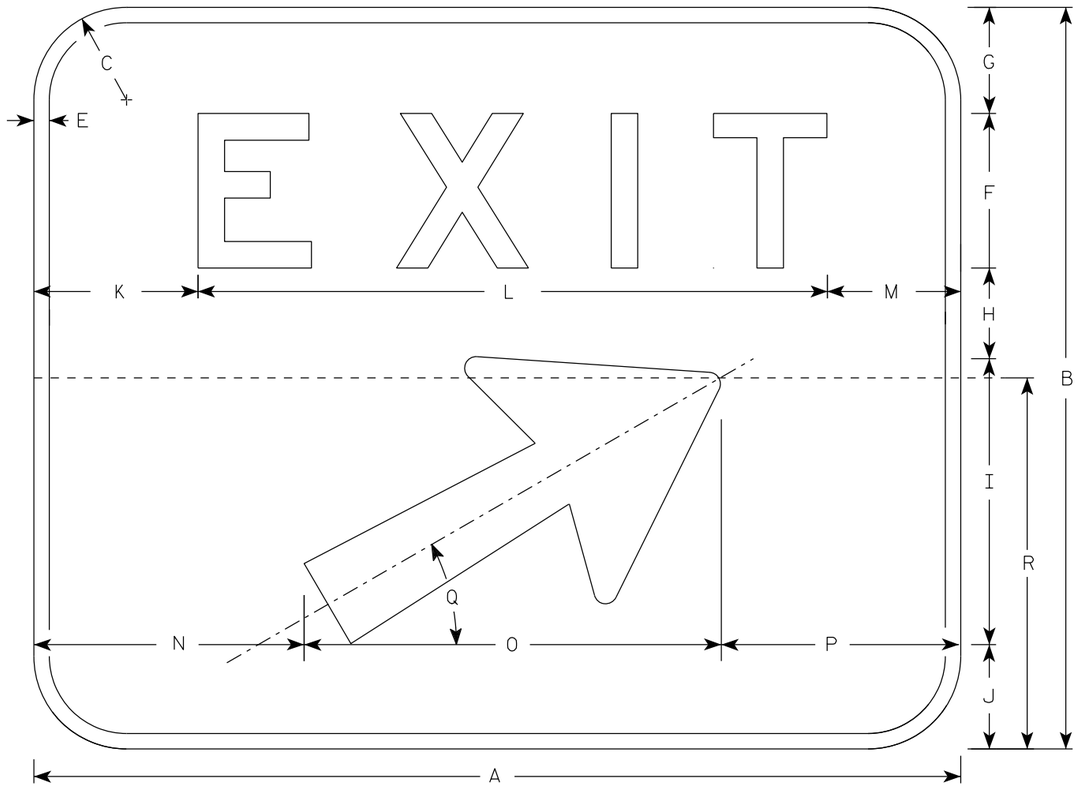
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/28/21 PLATE NO. D9-2.5

PROJECT NO:

SHEET NO: 449 E



E5-1

NOTES

1. Sign is Type II - Type H reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E
4. Sign shall be split into two seperate pieces as shown on the detail by the dashed line (----------) for sizes 4 & 5.
5. Arrow is Type "A" from sign plate A1-1.
6. As per the Standard Spec's, this sign shall not have a vertical joint.
7. Size 3 E5-1 shall only be used in a Work Zone application with a Temporary Sign Support

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3	48	48	6		1	10	6 7/8	5 7/8	18 1/2	6 3/4	8 1/2	31 1/8	8 3/8	11 1/2	27	9 1/2	30°	30									16.0
4	60	48	6		1	10	6 7/8	5 7/8	18 1/2	6 3/4	10 5/8	40 3/4	8 5/8	17 1/2	27	15 1/2	30°	30									20.0
5	72	60	6		1	12	9 3/4	10	18 1/2	9 3/4	13 1/4	48 1/2	10 1/4	23 1/2	27	21 1/2	30°	30									30.0

STANDARD SIGN
E5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

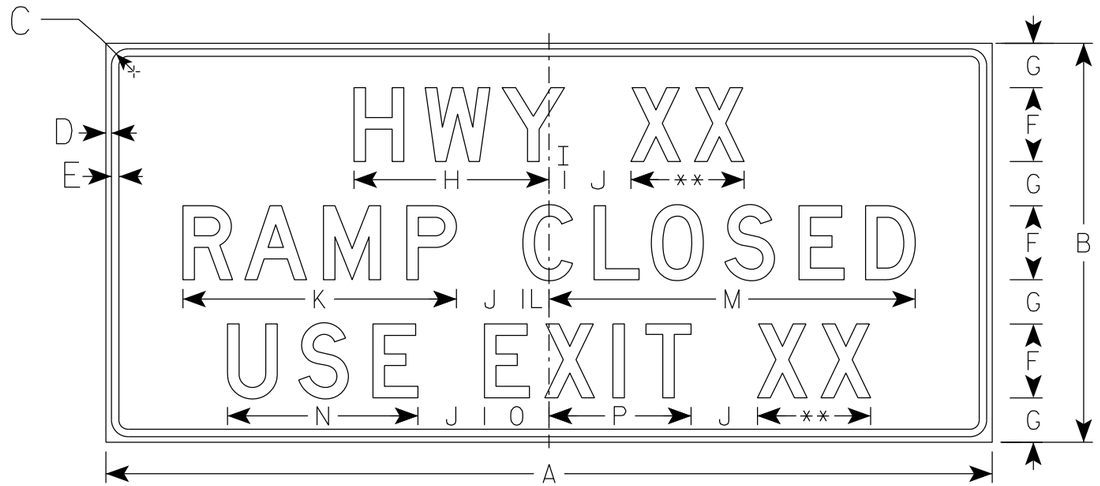
DATE 2/9/2022 PLATE NO. E5-1.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 450 | E

7

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Substitute appropriate Highway Number and Exit Number and optically center message



G20-56

** See Note 4

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3																											
4	120	54	3	3/4	1	10	6	26 3/8	2 1/8	9	37	3 1/2	49 5/8	25 3/4	8 3/4	19 1/4											45.0
5	120	54	3	3/4	1	10	6	26 3/8	2 1/8	9	37	3 1/2	49 5/8	25 3/4	8 3/4	19 1/4											45.0

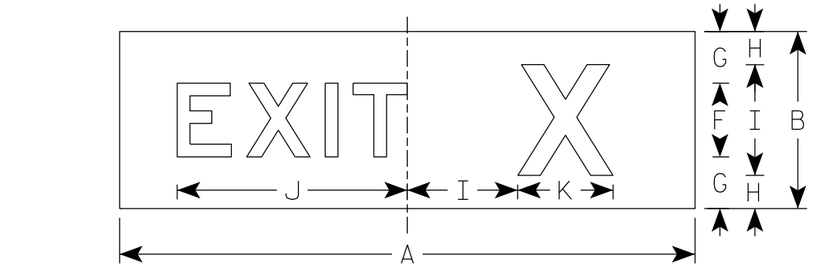
STANDARD SIGN
G20-56

WISCONSIN DEPT OF TRANSPORTATION

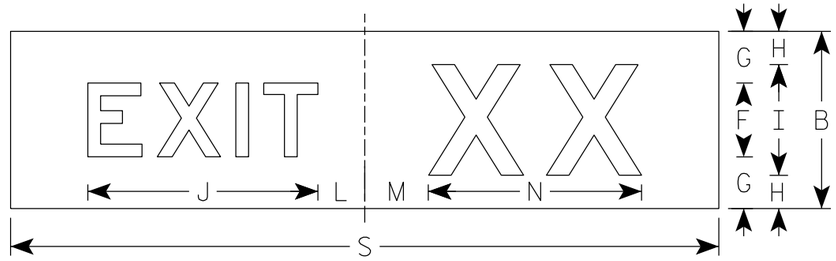
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 6/19/18 PLATE NO. G20-56.1

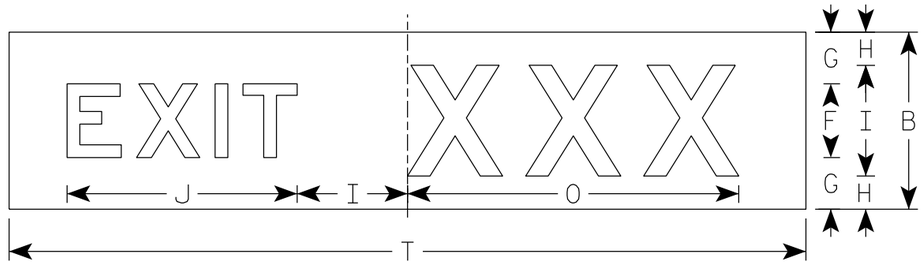
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 451 | E



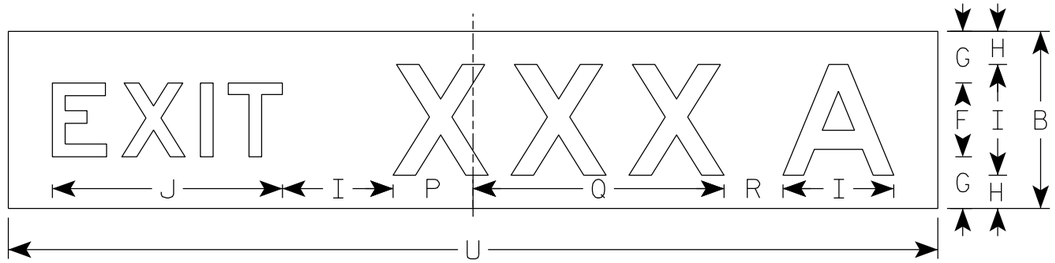
G20-65



G20-65A



G20-65B



G20-65C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	G20-65 Area sq. ft.	G20-65A Area sq. ft.	G20-65B Area sq. ft.	G20-65C Area sq. ft.
1																											
2																											
3																											
4	78	24				10	7	4 ½	15	31 ⅛	12 ⅞	6 ⅜	8 ⅝	28 ⅞	44 ⅞	10 ⅞	34	8	96	108	126			13.0	16.0	18.0	21.0
5	78	24				10	7	4 ½	15	31 ⅛	12 ⅞	6 ⅜	8 ⅝	28 ⅞	44 ⅞	10 ⅞	34	8	96	108	126			13.0	16.0	18.0	21.0

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - E
4. Material shall be .040" aluminum
5. Substitute appropriate numeral or letter and optically center message

STANDARD SIGN
G20-65

WISCONSIN DEPT OF TRANSPORTATION

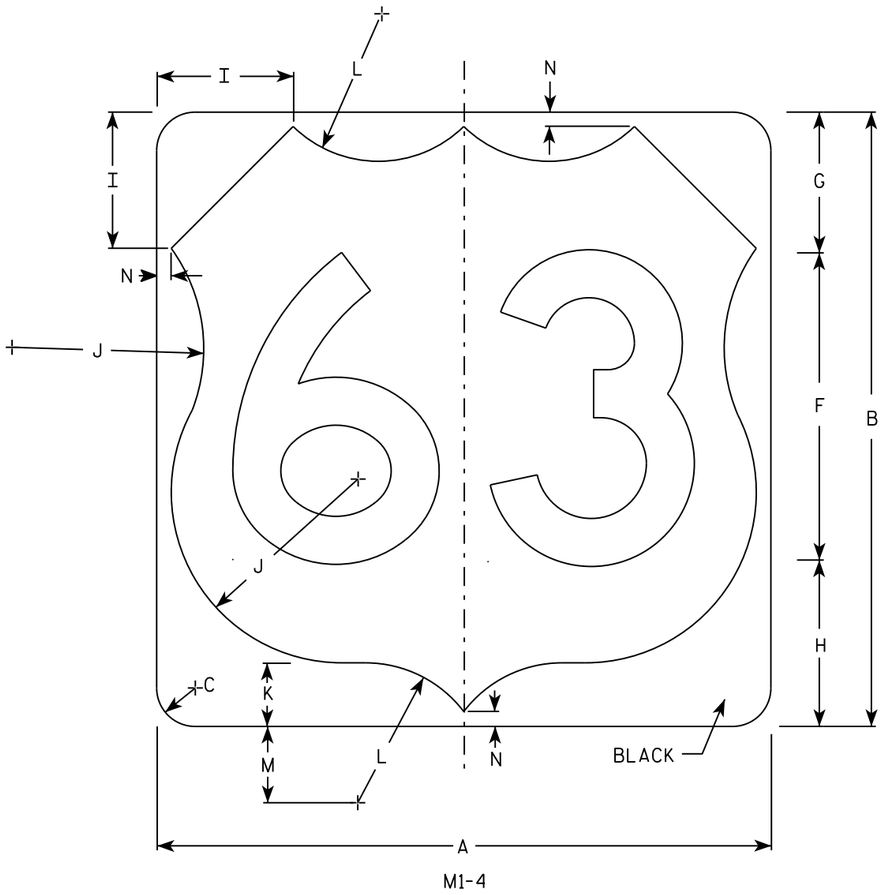
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/30/18 PLATE NO. G20-65.1

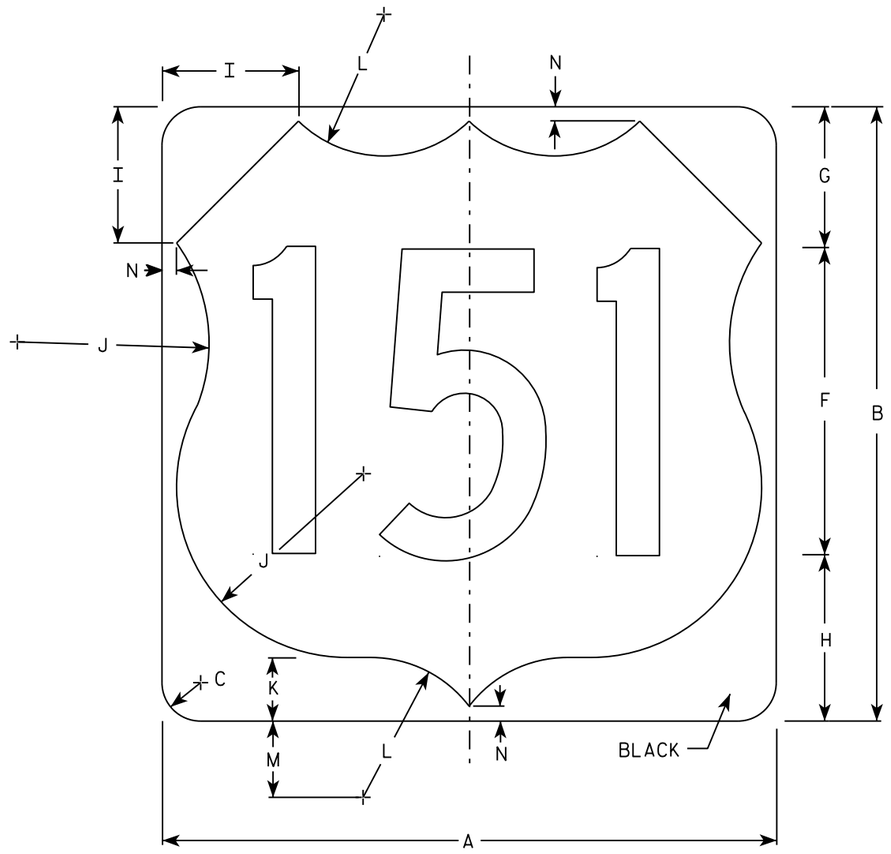
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 452 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



M1-4



M1-4

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area Sq. ft.
1																											
2	24	24	1 1/2			12	5 1/2	6 1/2	5	7 1/2	2 1/2	5 1/2	3	1/2													4.0
3	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0
4	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0
5	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0

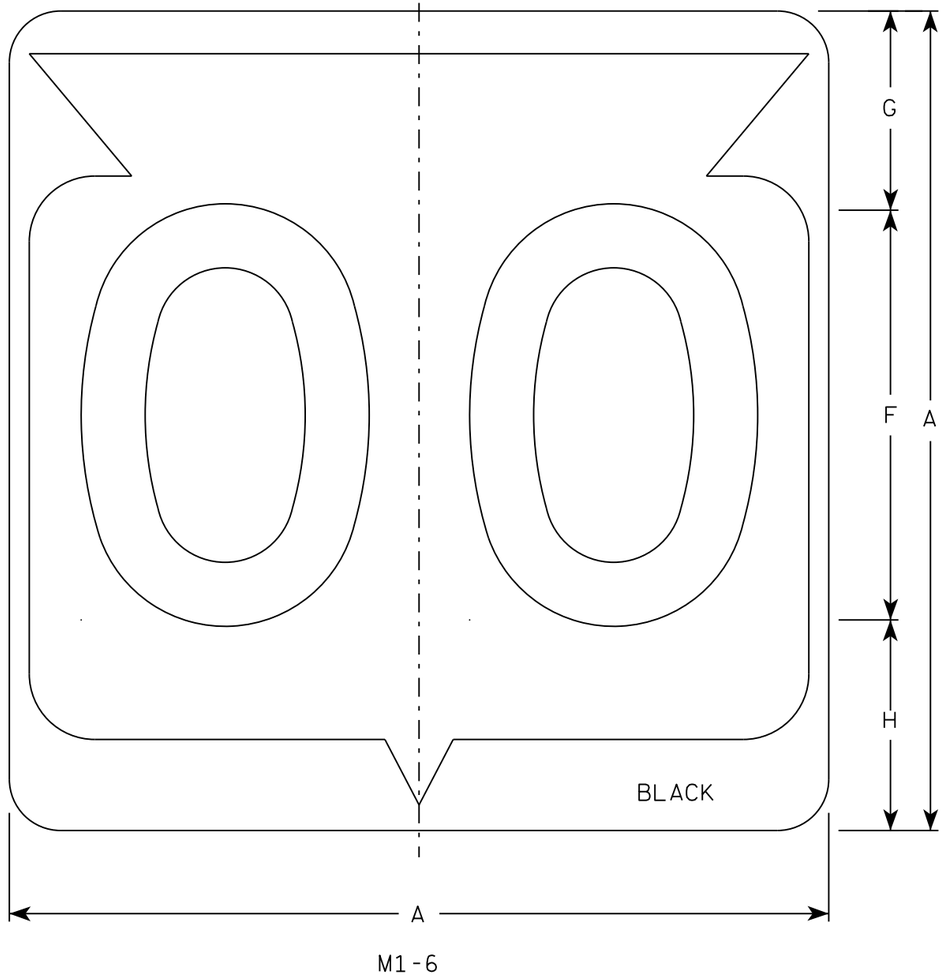
USH MARKER
M1-4 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/18 PLATE NO. M1-4.10

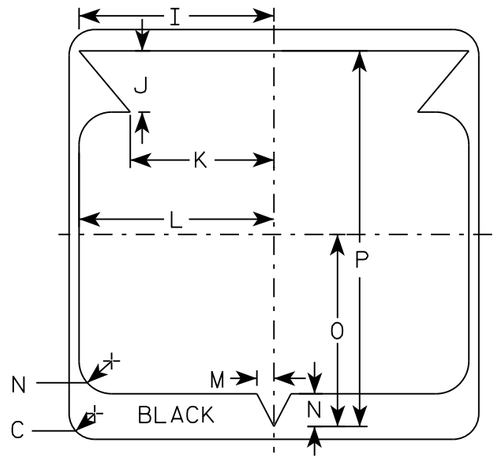
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 453 | E



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

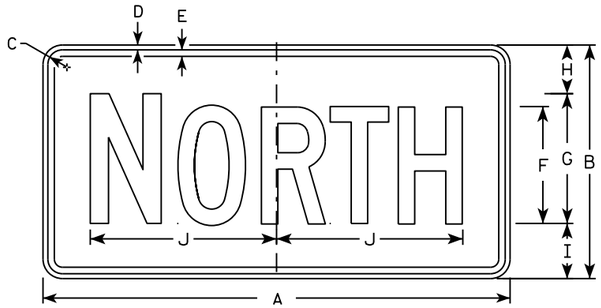
STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

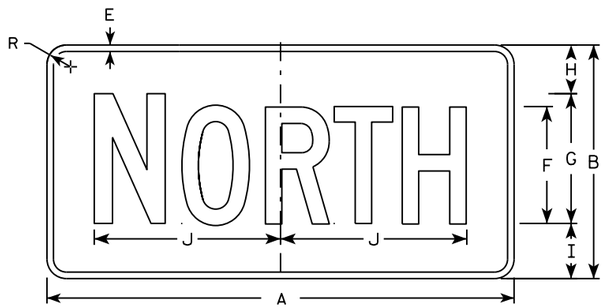
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/18 PLATE NO. M1-6.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 454 | E



M3-1
MM3-1
MP3-1



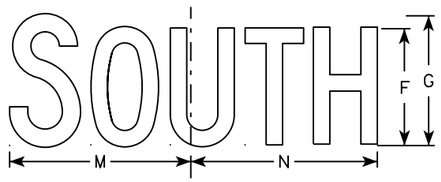
MB3-1
MK3-1
MN3-1



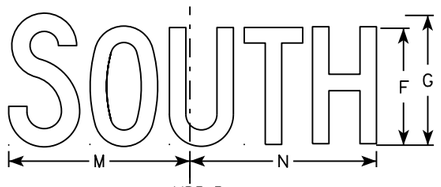
M3-2
MM3-2
MP3-2



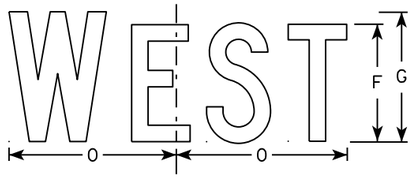
MB3-2
MK3-2
MN3-2



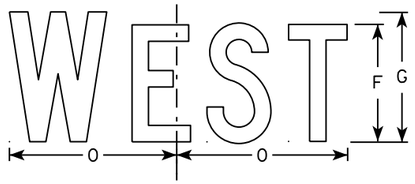
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

STANDARD SIGNS
M3-1 thur M3-4
SERIES

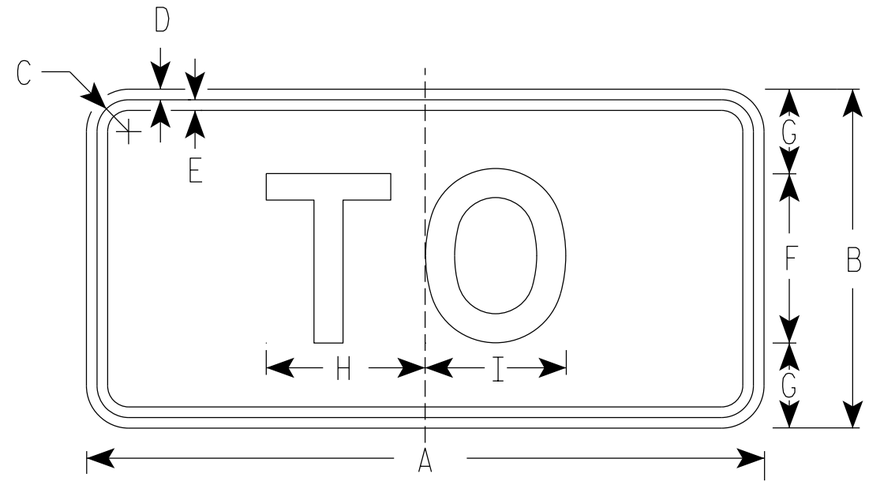
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew P Rauch for State Traffic Engineer

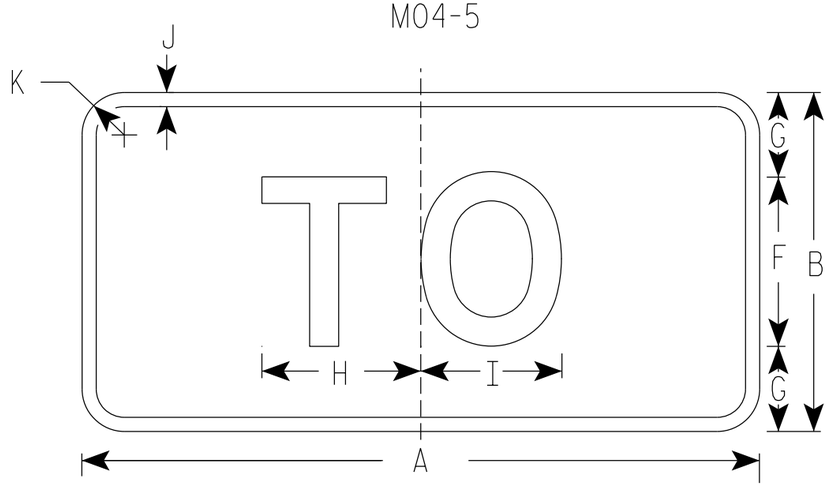
DATE 10/15/15 PLATE NO M3-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M31.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



M4-5
MM4-5
MP4-5
M04-5



MB4-5
MK4-5
MN4-5

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-5 Background - White
   Message - Black

   MB4-5 Background - Blue
   Message - White

   MK4-5 Background - Green
   Message - White

   MM4-5 Background - White
   Message - Green

   MN4-5 Background - Brown
   Message - White

   MP4-5 Background - White
   Message - Blue

   M04-5 Background - Orange Type F Reflective
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	5 3/8	5 1/4	1/2	1 1/2																2.00
3	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5
4	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5
5	36	18	1 3/8	3/8	1/2	9	4 1/2	8 1/4	8 3/8	1/2	1 1/2																4.5

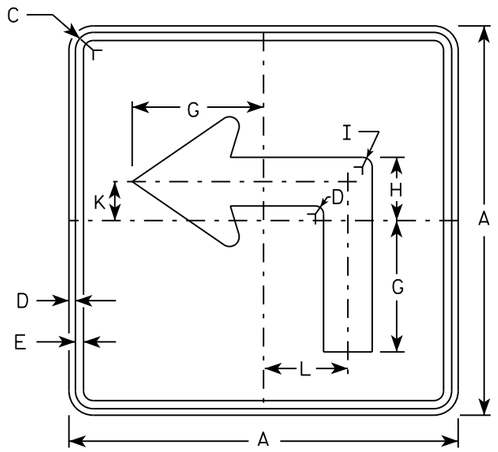
STANDARD SIGN
M4-5

WISCONSIN DEPT OF TRANSPORTATION

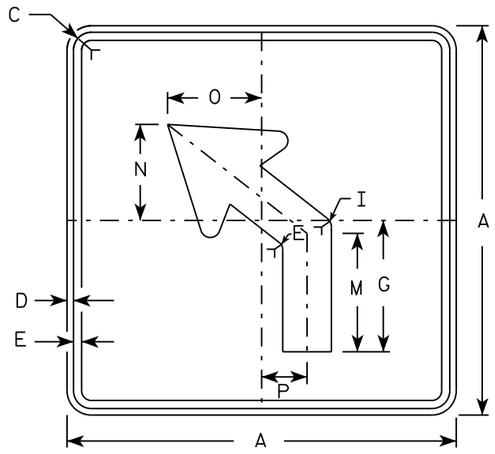
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/7/19 PLATE NO. M4-5.9

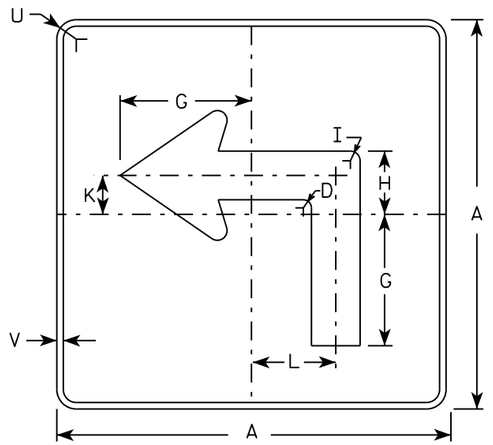
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 456 | E



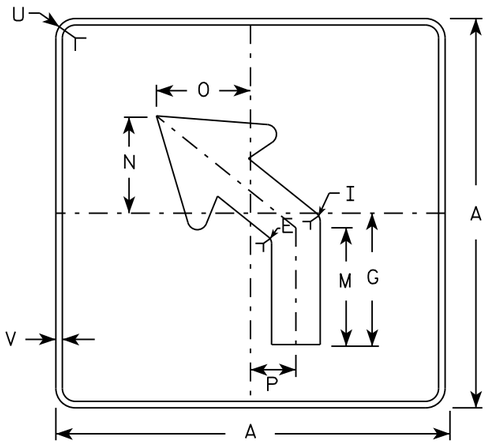
M5-1L
MM5-1L
MO5-1L
MP5-1L



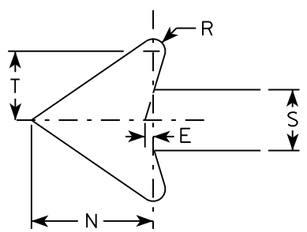
M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L



MB5-2L
MK5-2L
MN5-2L
MR5-2L



NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White - Type H Reflective
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25

STANDARD SIGN
M5-1 & M5-2

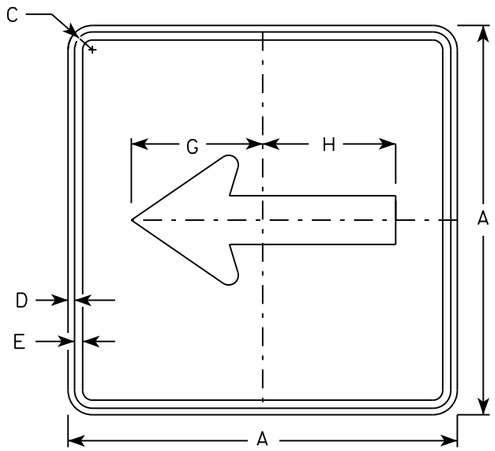
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

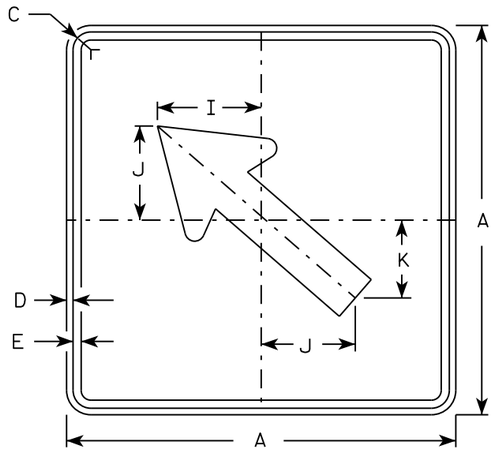
DATE 10/15/15 PLATE NO. M5-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M51.DGN PLOT DATE : 01-DEC-2015 18:07 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



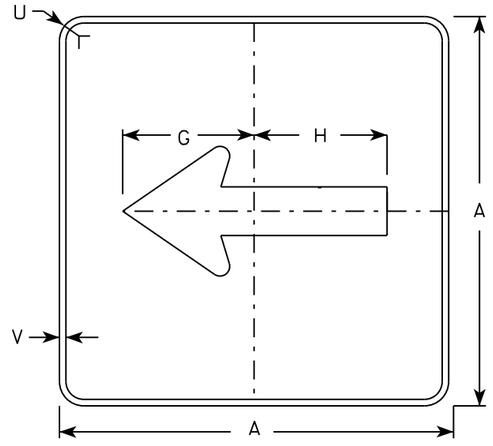
M6-1
MM6-1
MO6-1
MP6-1



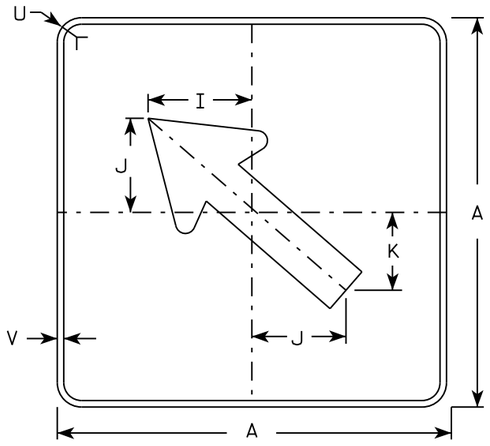
M6-2
MM6-2
MO6-2
MP6-2

NOTES

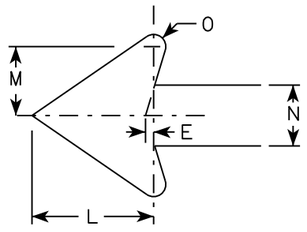
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow



MB6-1
MK6-1
MN6-1
MR6-1



MB6-2
MK6-2
MN6-2
MR6-2



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2						3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25

STANDARD SIGN
M6-1 & M6-2
SERIES

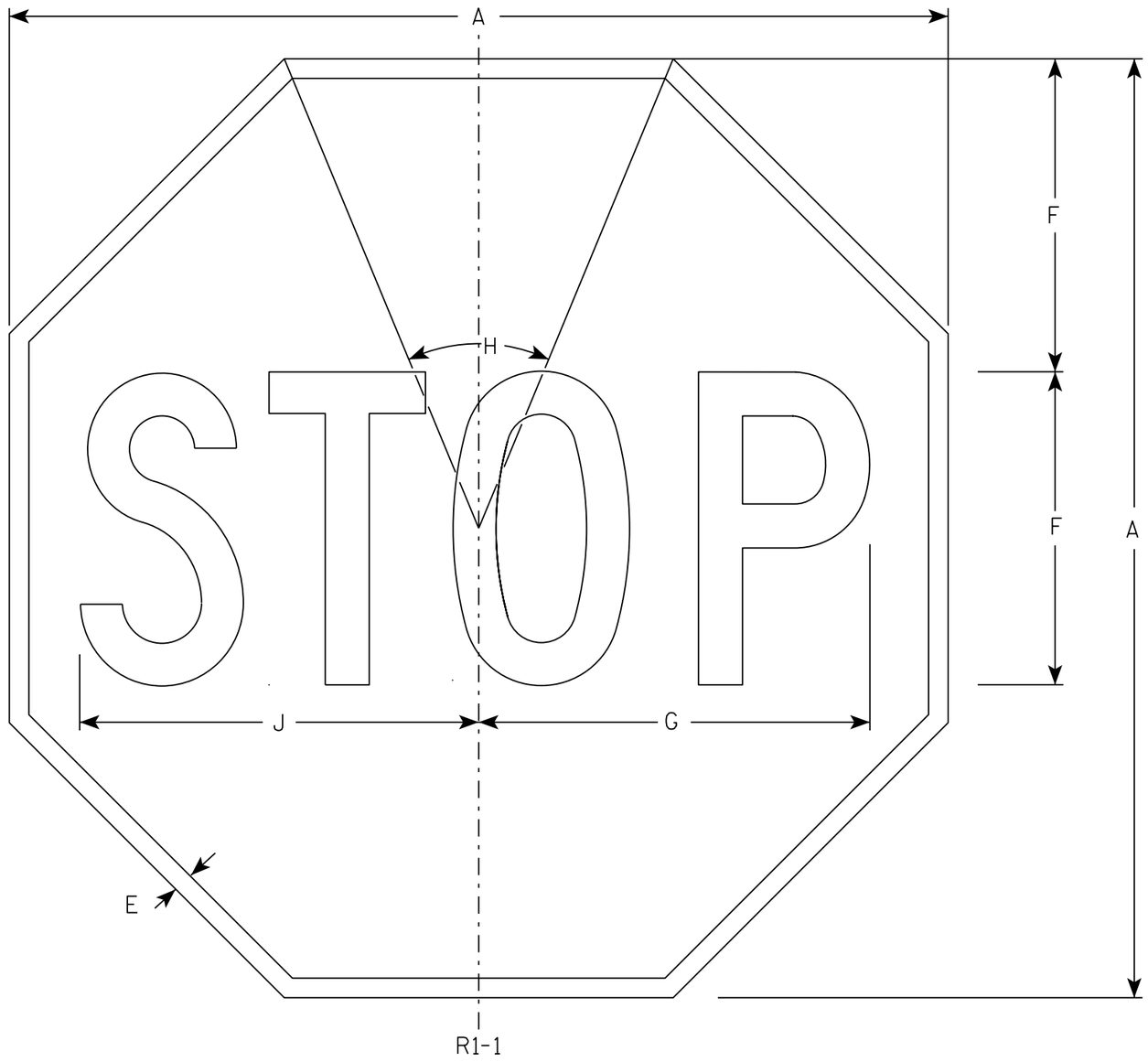
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE 458 M6-1.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M61.DGN PLOT DATE : 01-DEC-2015 17:57 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

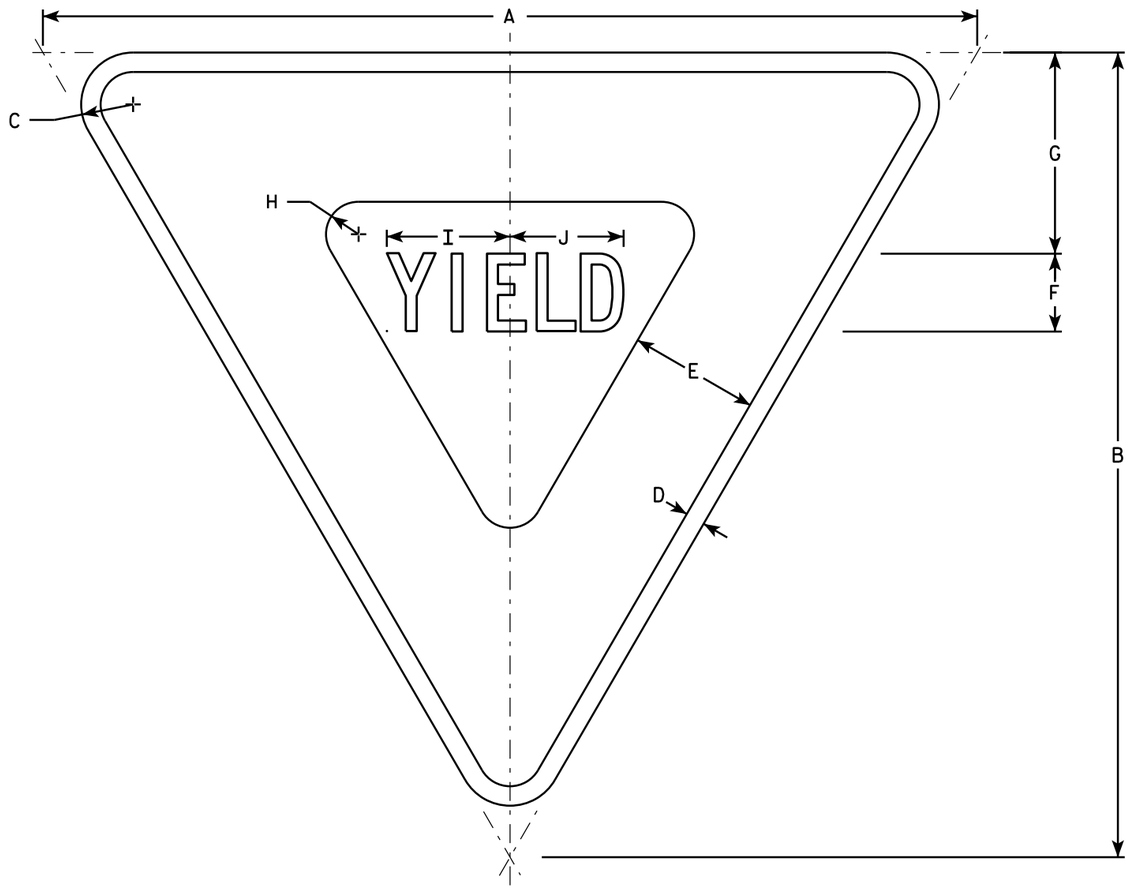
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 459	E



R1-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. The border strip and word message are reflectorized red.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	26	1 1/2	5/8	4	2 1/2	6 3/8	7/8	4	3 5/8																	2.71
2S	36	31	2	3/4	5	3	7 3/4	1 1/4	4 3/4	4 3/8																	3.88
2M	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
3	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
4	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
5	60	52	3	1 1/2	8	5	13	2 1/2	7 7/8	7 1/4																	10.83
6																											
7	18	15 1/2	1	3/8	2 1/2	1 1/2	3 7/8	5/8	2 3/8	2 1/4																	0.97

STANDARD SIGN
R1-2

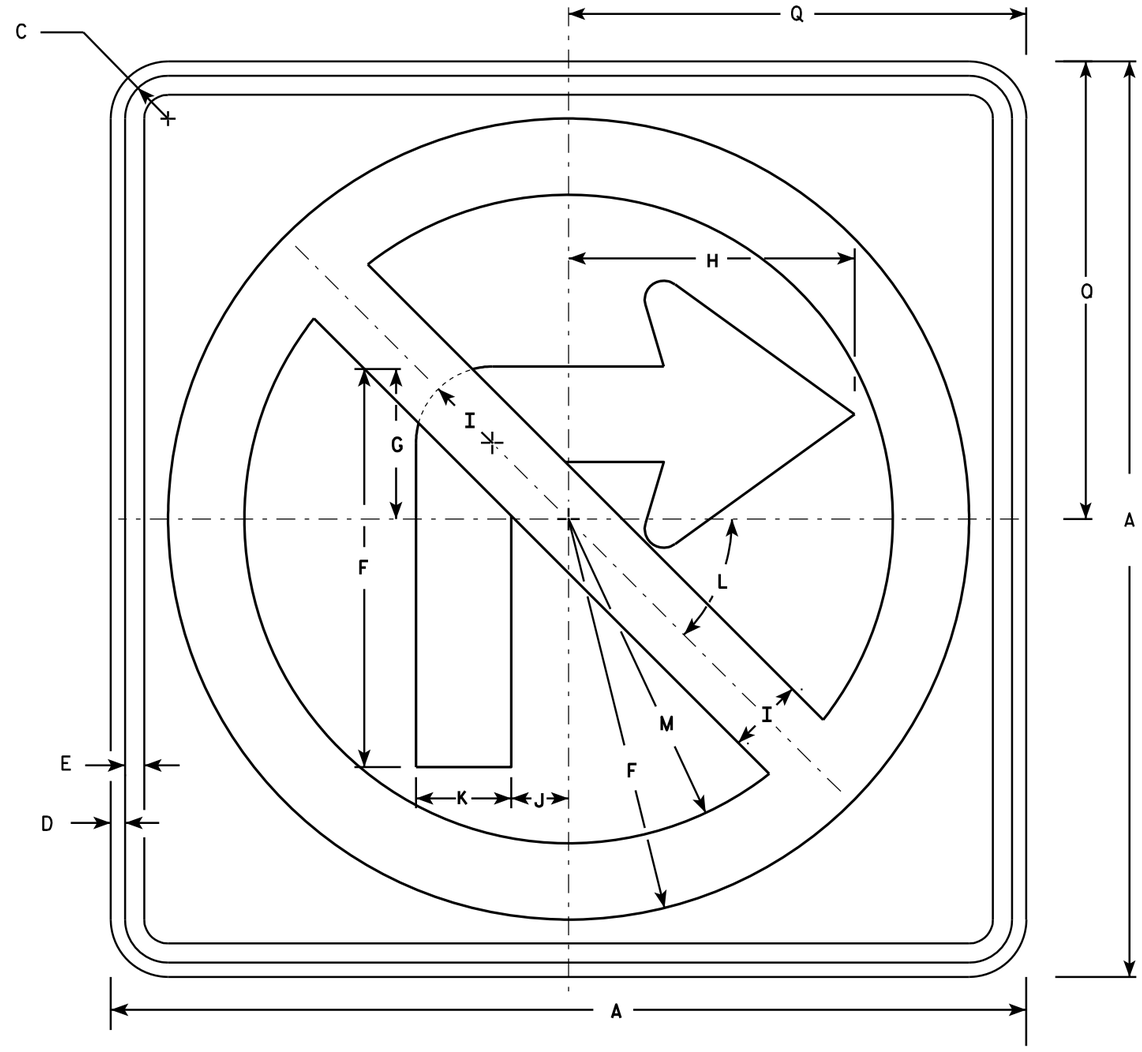
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/13/14 PLATE R1-2.12

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

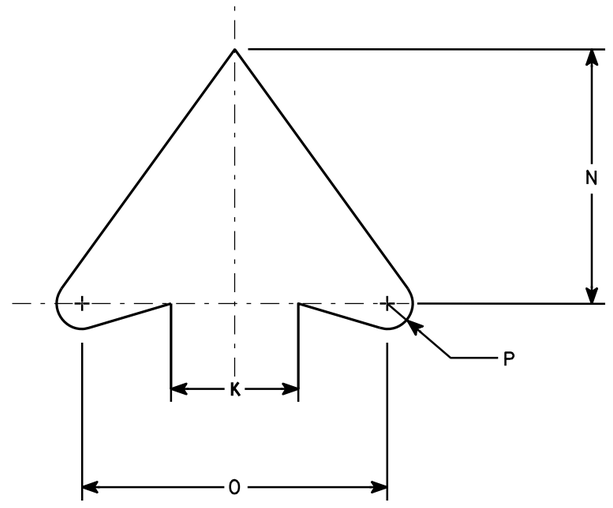
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\R12.DGN PLOT DATE : 13-OCT-2014 15:12 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 5.837526:1.000000
WISDOT/CADDS SHEET 42



R3-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45	8 1/2	5	6	1/2	12										4.0
2S	24		1 1/8	3/8	1/2	10 1/2	4	7 1/2	2	1 1/2	2 1/2	45°	8 1/2	5	6	1/2	12										4.0
2M	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
3	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45	12 3/4	7 1/2	9	3/4	18										9.0
4	36		1 5/8	5/8	3/4	15 3/4	6	11 1/4	3	2 1/4	3 3/4	45°	12 3/4	7 1/2	9	3/4	18										9.0
5	48		2 1/4	3/4	1	21	8	15	4	3	5	45°	17	10	12	1	24										16.0

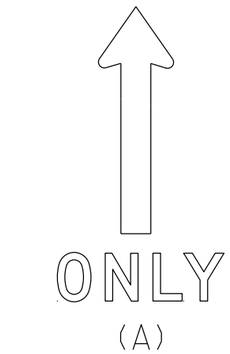
STANDARD SIGN
R3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/08/10 PLATE NO. R3-1.5

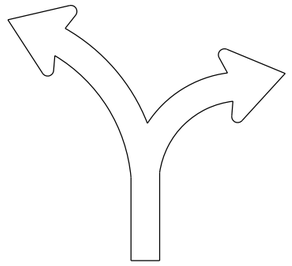
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 461	E

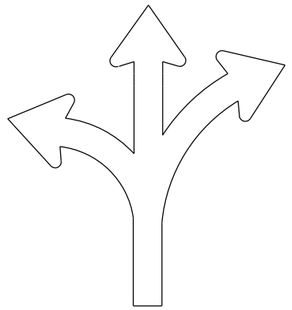


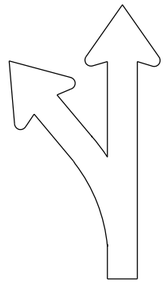
(A)

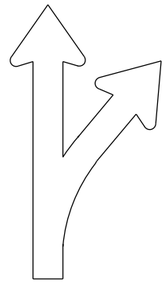


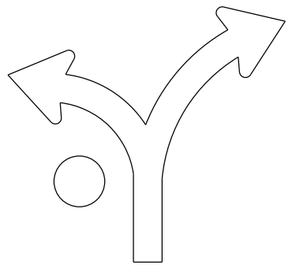
(B)

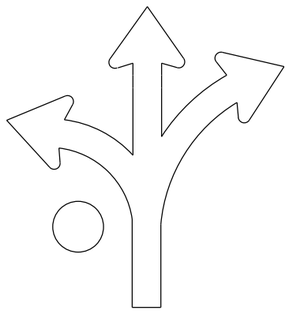

(C)

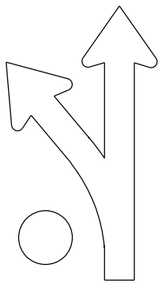

(D)


(E)


(F)

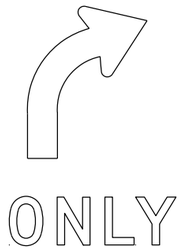

(G)


(H)

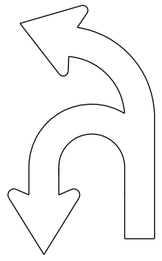

(I)



(L)



(R)


(U)

NOTES

1. Sigs are Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Use appropriate Letter for Sign Code
   Each letter added makes sign wider. Example R3-8EAR
5. Square footage of sign varies by letters

1	Letter =	3.75 sq ft for Size 2
		6.0 sq ft for Size 3
		10.0 sq ft for Size 4 or 5
2	Letters =	7.5 sq ft for Size 2
		12.0 sq ft for Size 3
		20.0 sq ft for Size 4 or 5
3	Letters =	11.25 sq ft for Size 2
		18.0 sq ft for Size 3
		30.0 sq ft for Size 4 or 5
4	Letters =	15.0 sq ft for Size 2
		24.0 sq ft for Size 3
		40.0 sq ft for Size 4 or 5
5	Letters =	18.75 sq ft for Size 2
		30.0 sq ft for Size 3
		50.0 sq ft for Size 4 or 5
6	Letters =	22.5 sq ft for Size 2
		36.0 sq ft for Size 3
		60.0 sq ft for Size 4 or 5

6. When letters C,D,G,H are used on the Left or Right end of the sign the Sq. Ft. changes.
   Add the amounts when these letters are used:
   1.25 sq ft for Size 2
   1.5 sq ft for Size 3
   2.0 sq ft for Size 4 or 5

STANDARD SIGN
R3-8 Series

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

7

7

PROJECT NO:

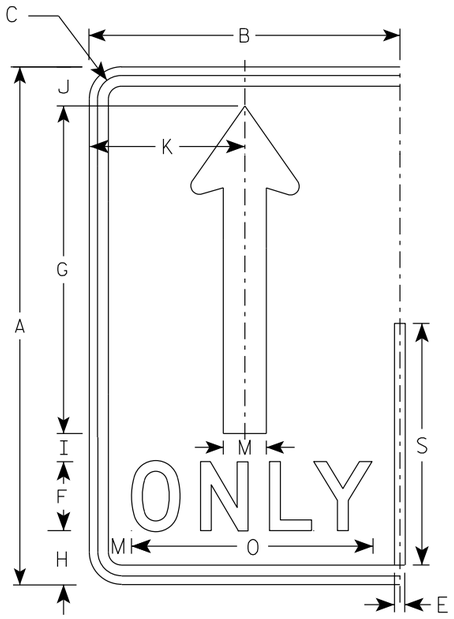
SHEET NO: 462 E

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn PLOT DATE : 21-MAY 2019 4:37 PLOT BY : mscj9h PLOT NAME :

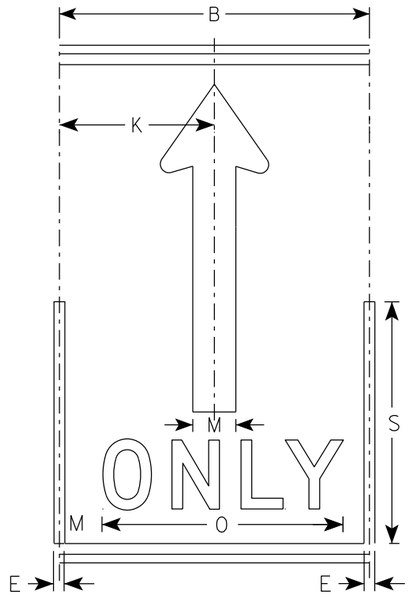
WISDOT/CADDS SHEET 42

NOTES

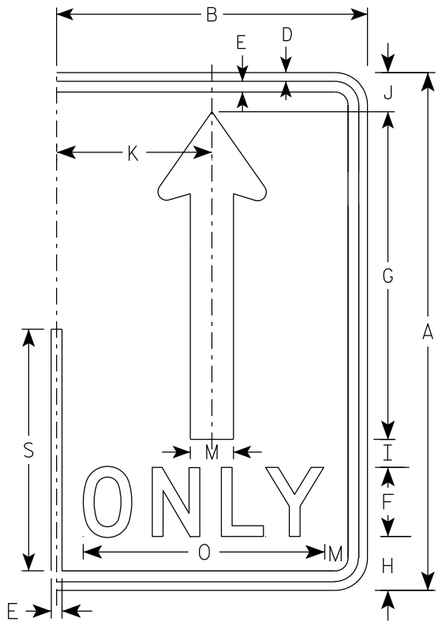
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



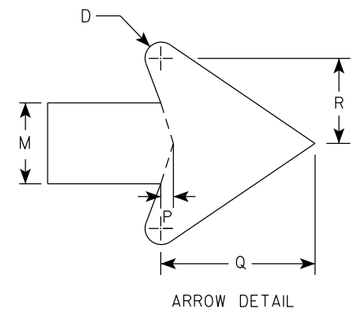
(A)



(A)



(A)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8	4	19	3 1/8	1 5/8	2 1/4	9		2 1/2		14	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 3/8	1/2	5/8	4	19	3 1/8	1 5/8	2 1/4	9		2 1/2		14	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 3/8	1/2	5/8	5	22 3/4	3 3/4	1 3/4	2 3/4	12		3		17 5/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1	6	30 3/8	5 1/8	2 7/8	3 5/8	15		4		21 3/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1	6	30 3/8	5 1/8	2 7/8	3 5/8	15		4		21 3/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (A) Arrow

WISCONSIN DEPT OF TRANSPORTATION

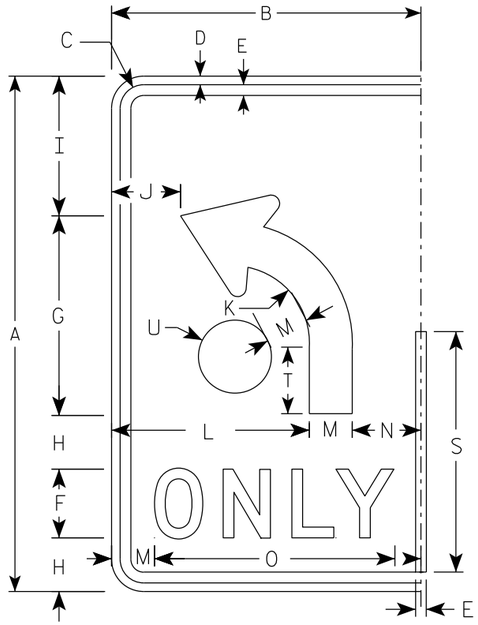
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

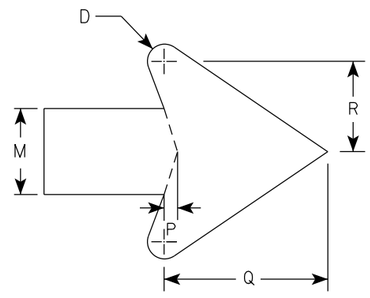
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 463 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
   Message Series - D



(B)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8	2 1/8						3.75
2M	30	18	1 3/8	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8	2 1/8						3.75
3	36	24	1 3/8	1/2	5/8	5	14	3 1/2	9 3/4	6	5 3/8	15	3	6	17 5/8	1/2	5 3/4	3 1/8	16 3/4	4 5/8	2 1/2						6.0
4	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4	3 3/8						10.0
5	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4	3 3/8						10.0

STANDARD SIGN

R3-8 (B) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

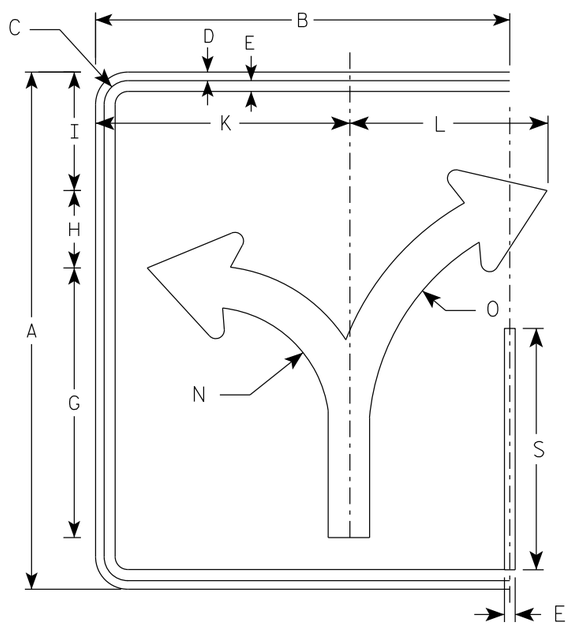
DATE 5/21/19 PLATE NO. R3-8.1

PROJECT NO:

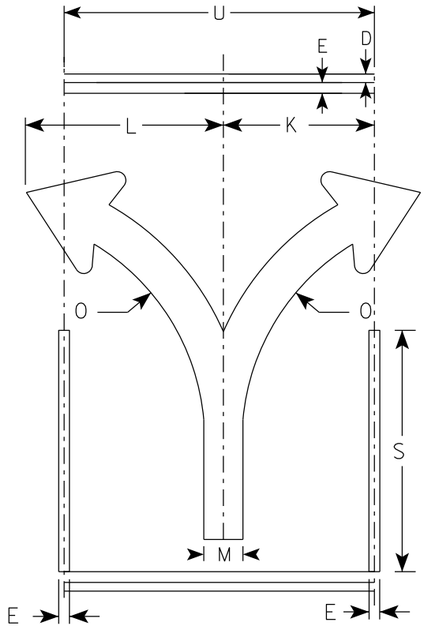
SHEET NO: 464 E

NOTES

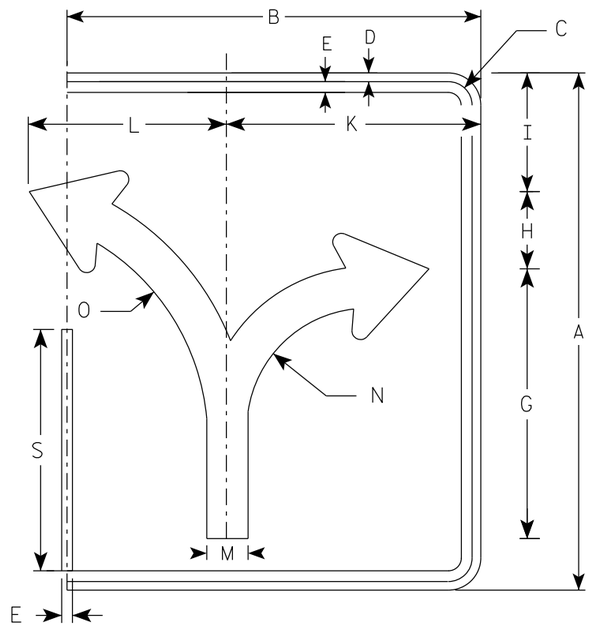
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



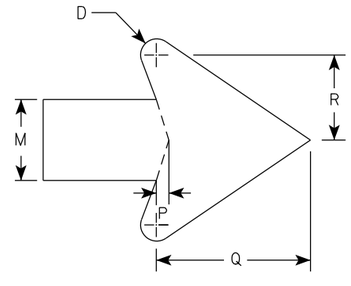
(C)



(C)



(C)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	ENDS Area sq. ft.	MIDDLE Area sq. ft.
1																												
2S	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
2M	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
3	36	30	1 3/8	1/2	5/8		18 3/4	5 1/2	8 1/4		17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		24						7.5	6.0
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0

STANDARD SIGN
R3-8 (C) Arrow

WISCONSIN DEPT OF TRANSPORTATION

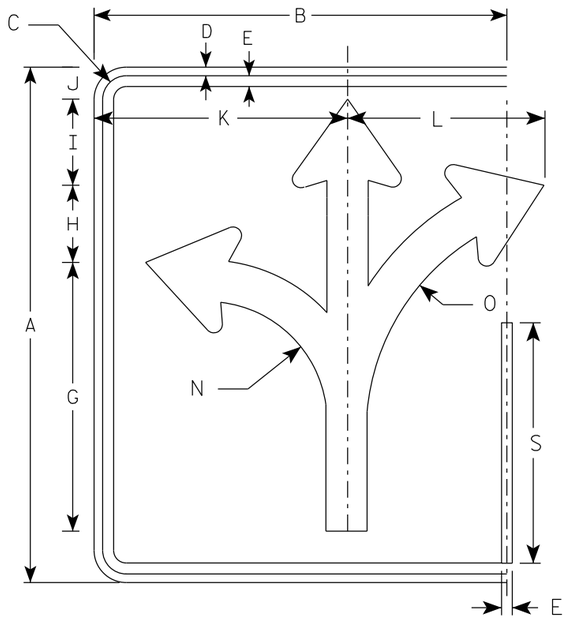
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

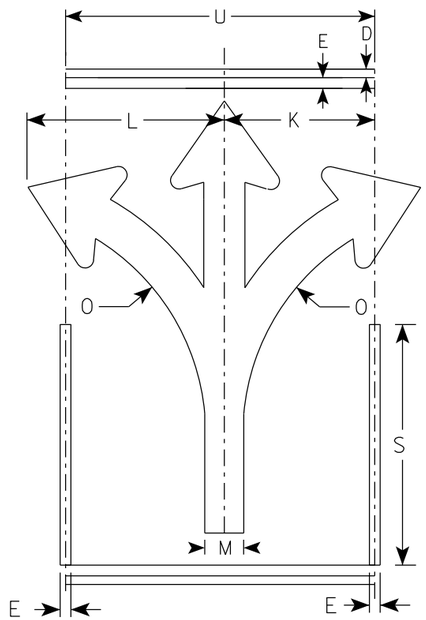
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 465 | E

NOTES

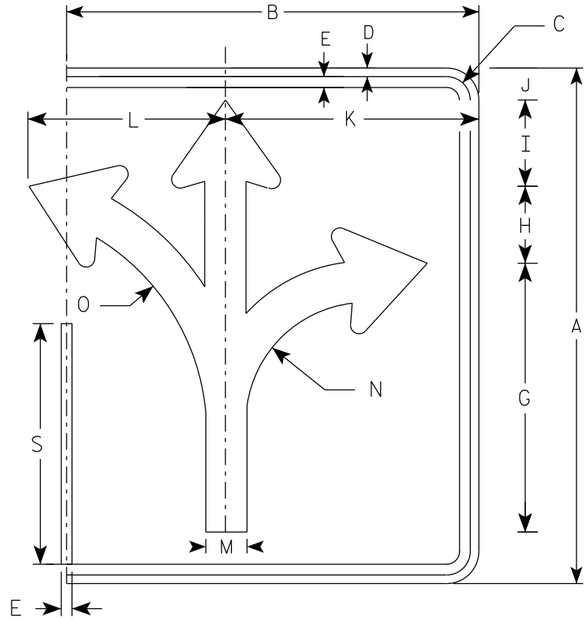
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



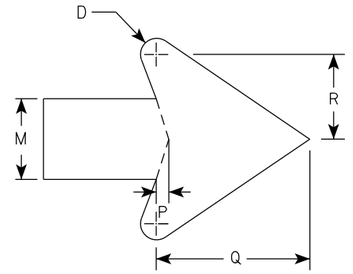
(D)



(D)



(D)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	ENDS Area sq. ft.	MIDDLE Area sq. ft.
1																												
2S	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
2M	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
3	36	30	1 3/8	1/2	5/8		18 3/4	5 1/2	6	2 1/4	17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		24						7.5	6.0
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0

STANDARD SIGN
R3-8 (D) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

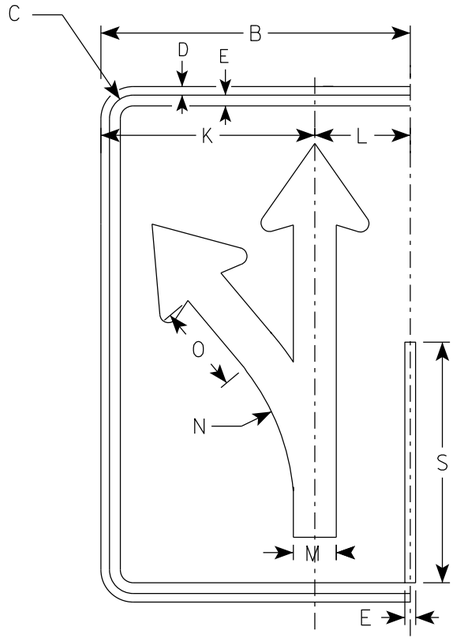
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 466 | E

7

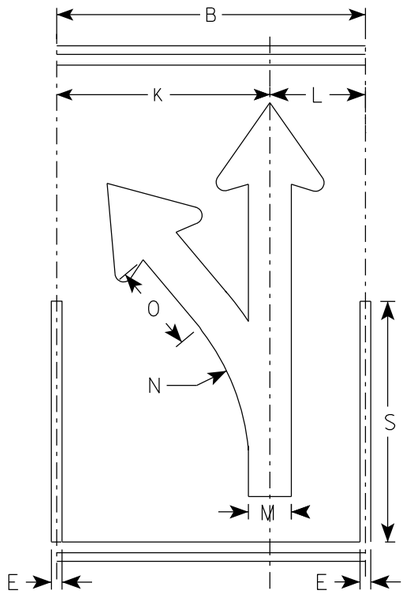
7

NOTES

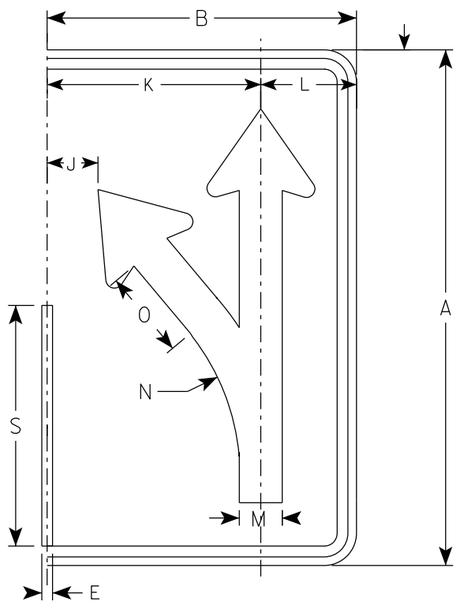
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



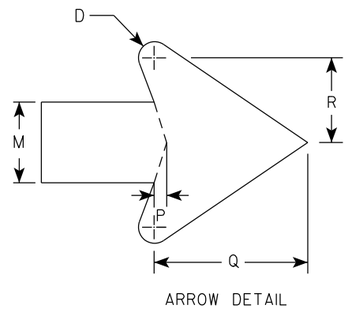
(E)



(E)



(E)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 3/8	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 3/8	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (E) Arrow

WISCONSIN DEPT OF TRANSPORTATION

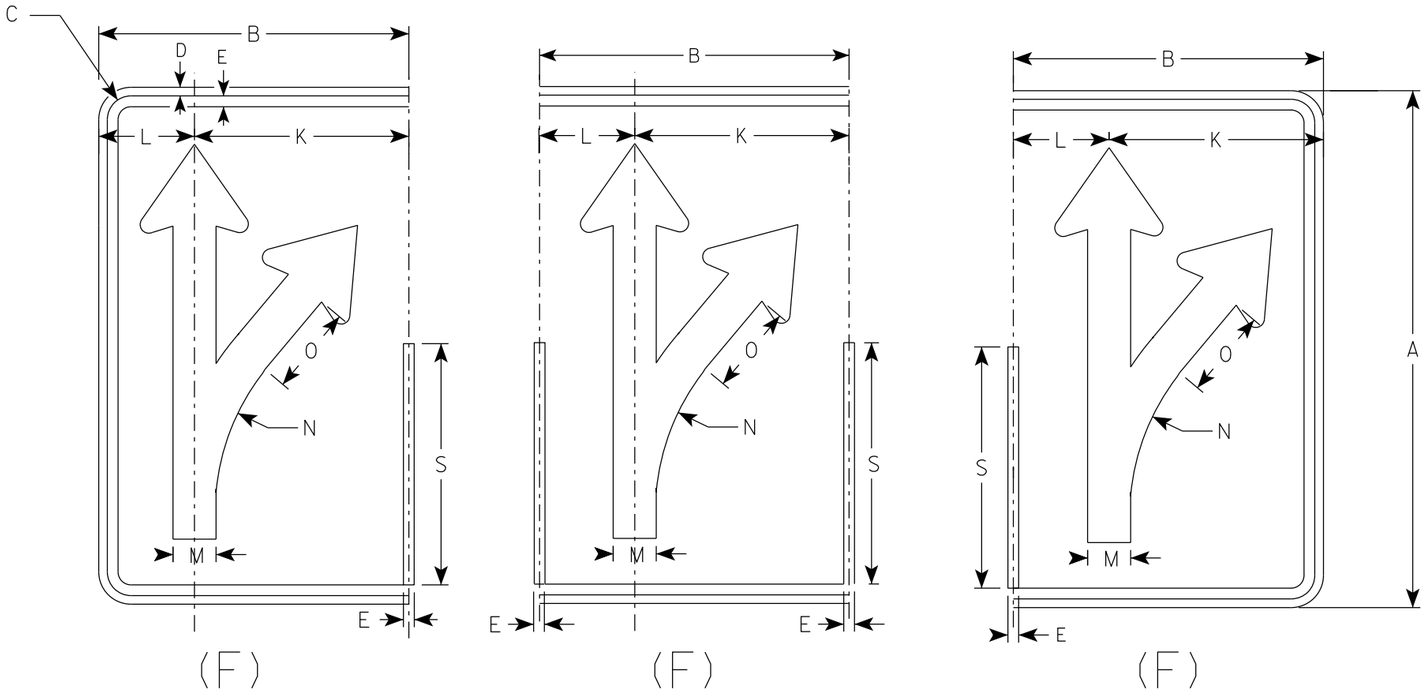
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

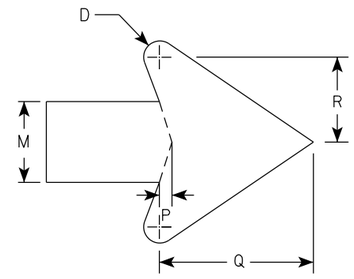
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 467 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(F) (F) (F)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 3/8	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 3/8	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (F) Arrow

WISCONSIN DEPT OF TRANSPORTATION

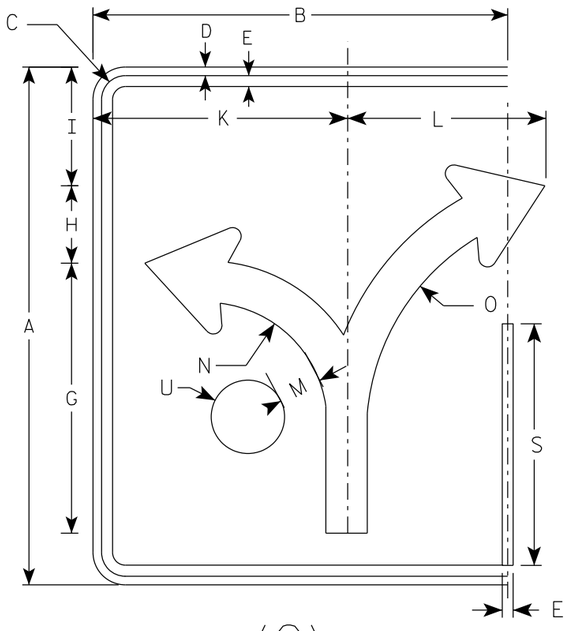
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

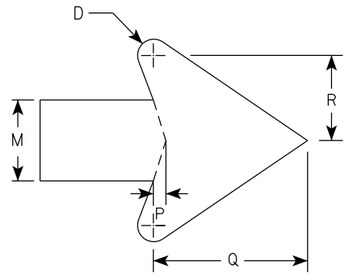
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 468 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(G)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
2M	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
3	36	30	1 3/8	1/2	5/8		18 3/4	5 1/2	8 1/4		17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		2 1/2						7.5
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0

STANDARD SIGN
R3-8 (G) Arrow

WISCONSIN DEPT OF TRANSPORTATION

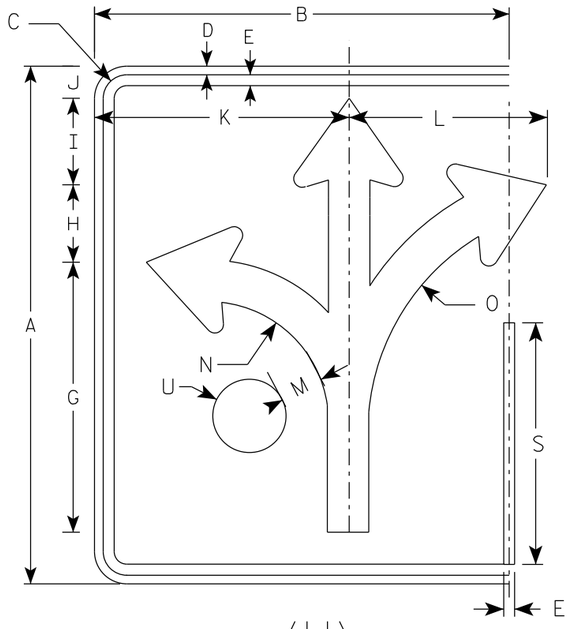
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

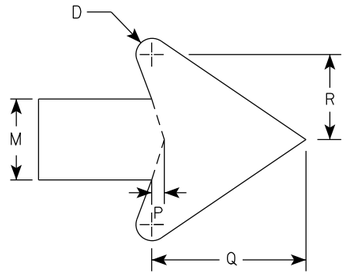
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 469 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(H)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
2M	30	24	1 3/8	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
3	36	30	1 3/8	1/2	5/8		18 3/4	5 1/2	6	3 1/8	17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		2 1/2						7.5
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0

STANDARD SIGN
R3-8 (H) Arrow

WISCONSIN DEPT OF TRANSPORTATION

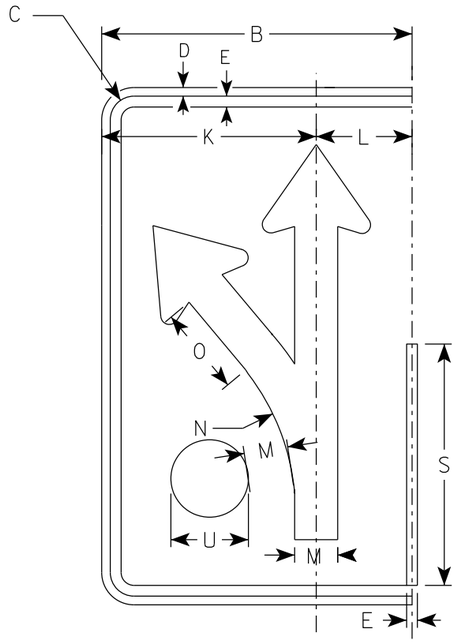
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

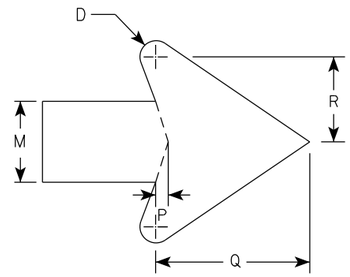
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 470	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(I)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14		2 1/8						3.75
2M	30	18	1 3/8	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14		2 1/8						3.75
3	36	24	1 3/8	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4		2 1/2						6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8		3 3/8						10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8		3 3/8						10.0

STANDARD SIGN
R3-8 (I) Arrow

WISCONSIN DEPT OF TRANSPORTATION

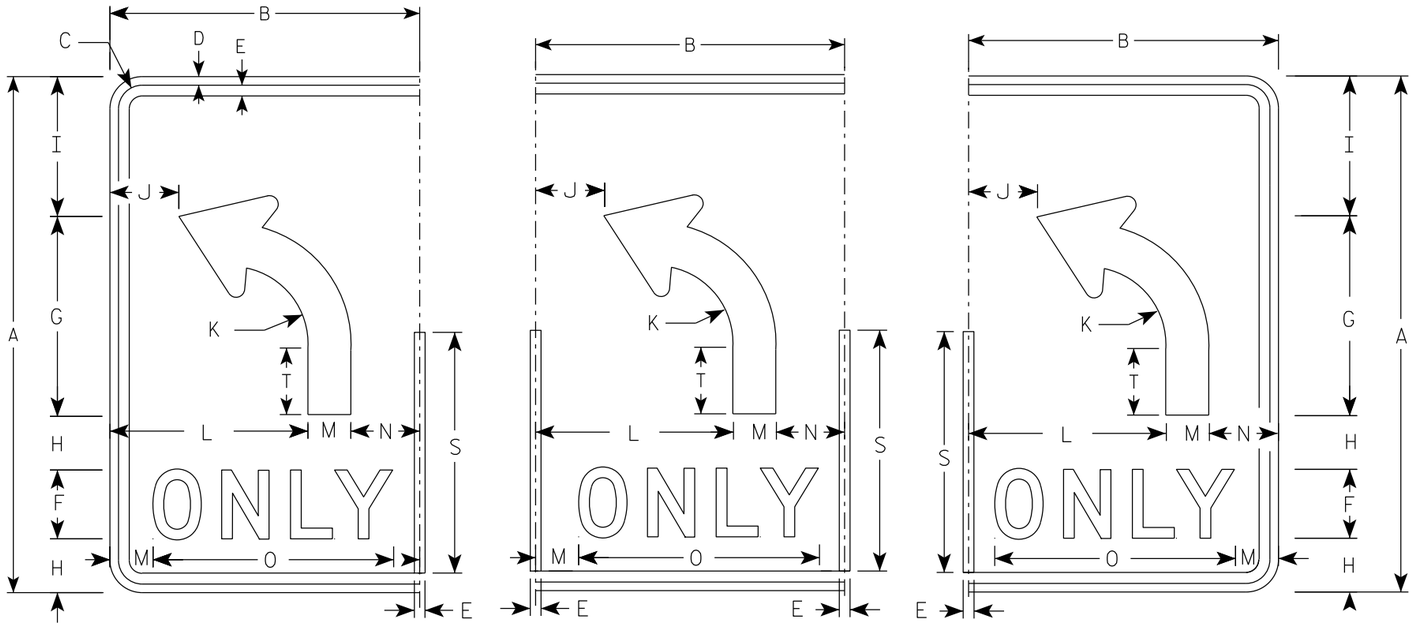
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

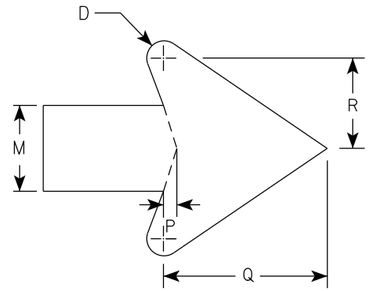
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 471 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



(L) (L) (L)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
2M	30	18	1 3/8	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
3	36	24	1 3/8	1/2	5/8	5	14	3 1/2	9 3/4		5 3/8	15	3	6	17 5/8	1/2	5 3/4	3 1/8	16 3/4	4 5/8							6.0
4	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0
5	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0

STANDARD SIGN

R3-8 (L) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

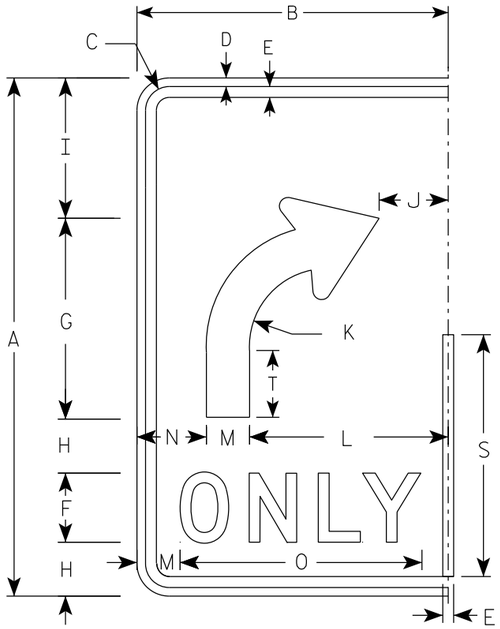
DATE 5/21/19 PLATE NO. R3-8.1

PROJECT NO:

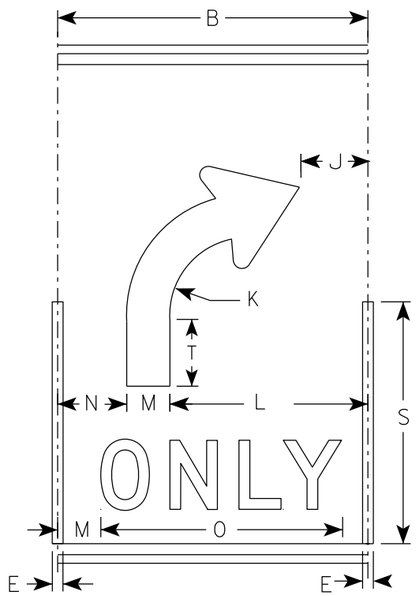
SHEET NO: 472 E

NOTES

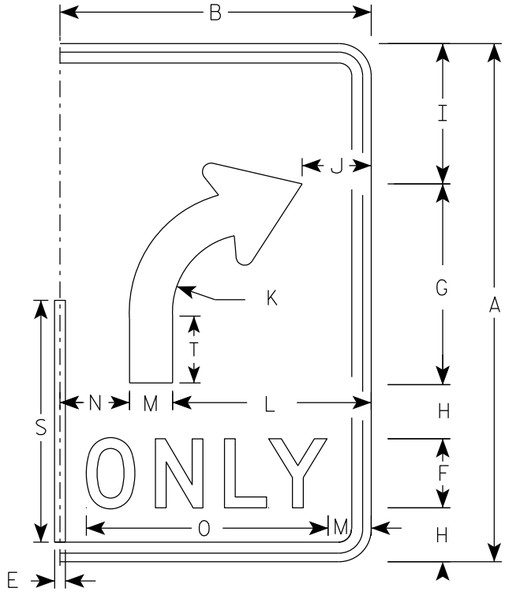
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



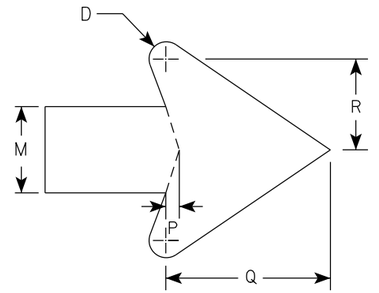
(R)



(R)



(R)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
2M	30	18	1 3/8	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
3	36	24	1 3/8	1/2	5/8	5	14	3 1/2	9 3/4	6	5 3/8	15	3	6	17 5/8	1/2	5 3/4	3 1/8	16 3/4	4 5/8							6.0
4	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0
5	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0

STANDARD SIGN
R3-8 (R) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

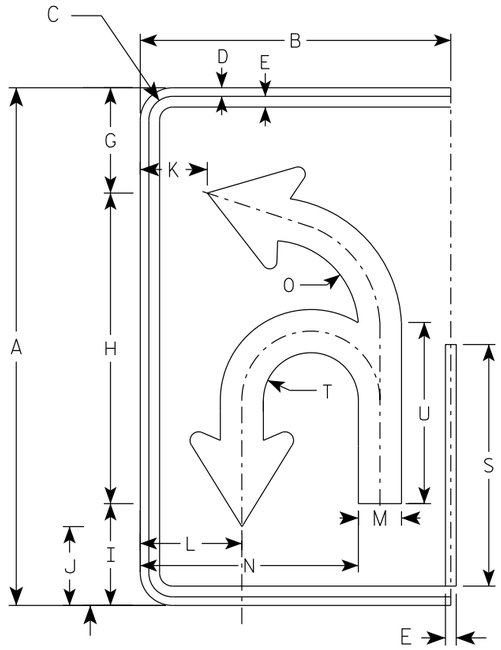
DATE 5/21/19 PLATE NO. R3-8.1

PROJECT NO:

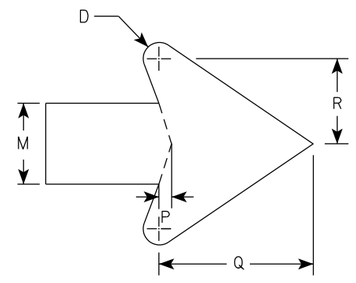
SHEET NO: 473 **E**

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(U)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 3/8	1/2	5/8		6 1/8	18	5 7/8	4 5/8	3 7/8	5 7/8	2 1/2	12 5/8	5 1/8	3/8	4 3/4	2 5/8	14	2 3/4	10 1/2						3.75
2M	30	18	1 3/8	1/2	5/8		6 1/8	18	5 7/8	4 5/8	3 7/8	5 7/8	2 1/2	12 5/8	5 1/8	3/8	4 3/4	2 5/8	14	2 3/4	10 1/2						3.75
3	36	24	1 3/8	1/2	5/8		21 7/8	21 5/8	7 1/8	5 1/2	5 7/8	8 1/4	3	16 3/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4	3 1/4	12 5/8						6.0
4	48	30	2 1/4	3/4	1		29 1/8	28 3/4	9 3/8	7 1/4	6 7/8	10	4	20 7/8	8 1/8	5/8	7 5/8	4 1/4	22 3/8	4 3/8	16 3/4						10.0
5	48	30	2 1/4	3/4	1		29 1/8	28 3/4	9 3/8	7 1/4	6 7/8	10	4	20 7/8	8 1/8	5/8	7 5/8	4 1/4	22 3/8	4 3/8	16 3/4						10.0

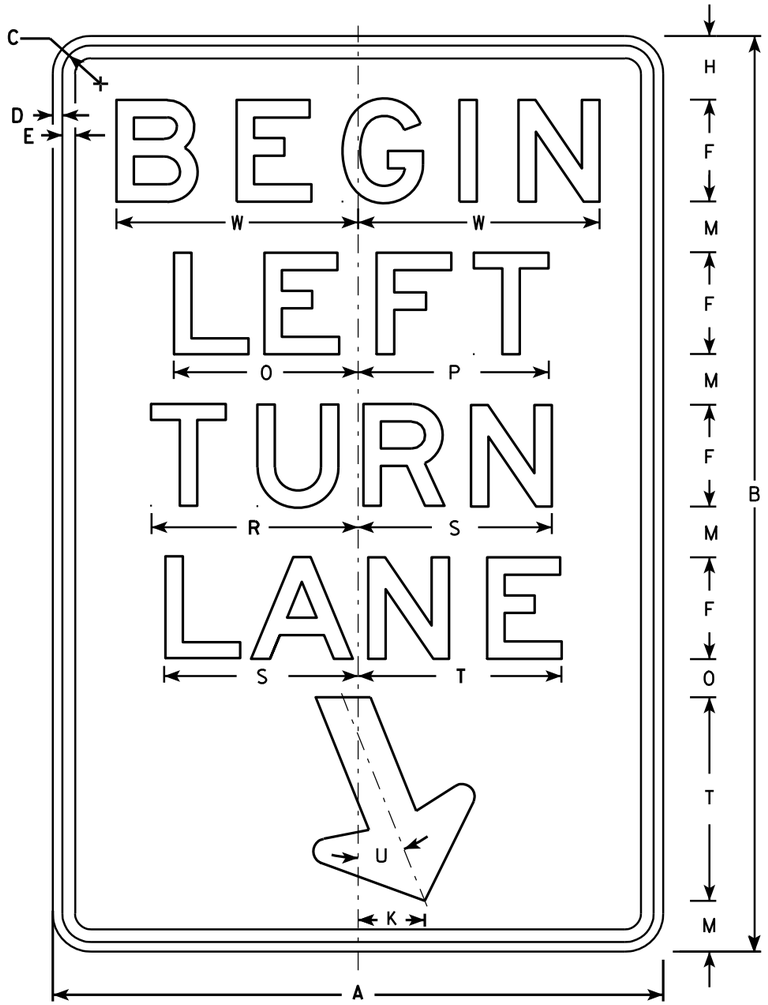
STANDARD SIGN
R3-8 (U) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

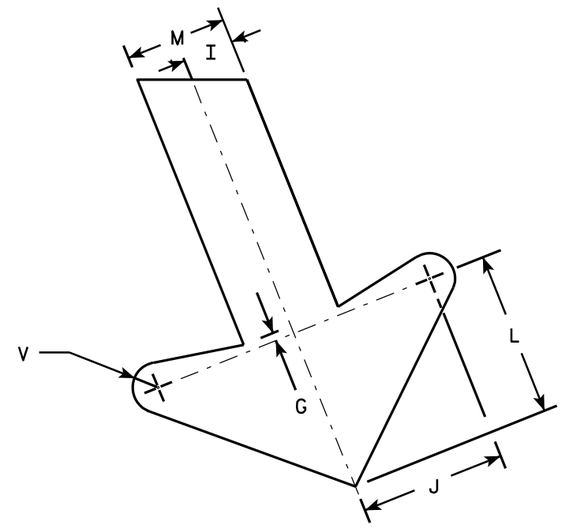
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 474 | E



R3-20L

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 3/4	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

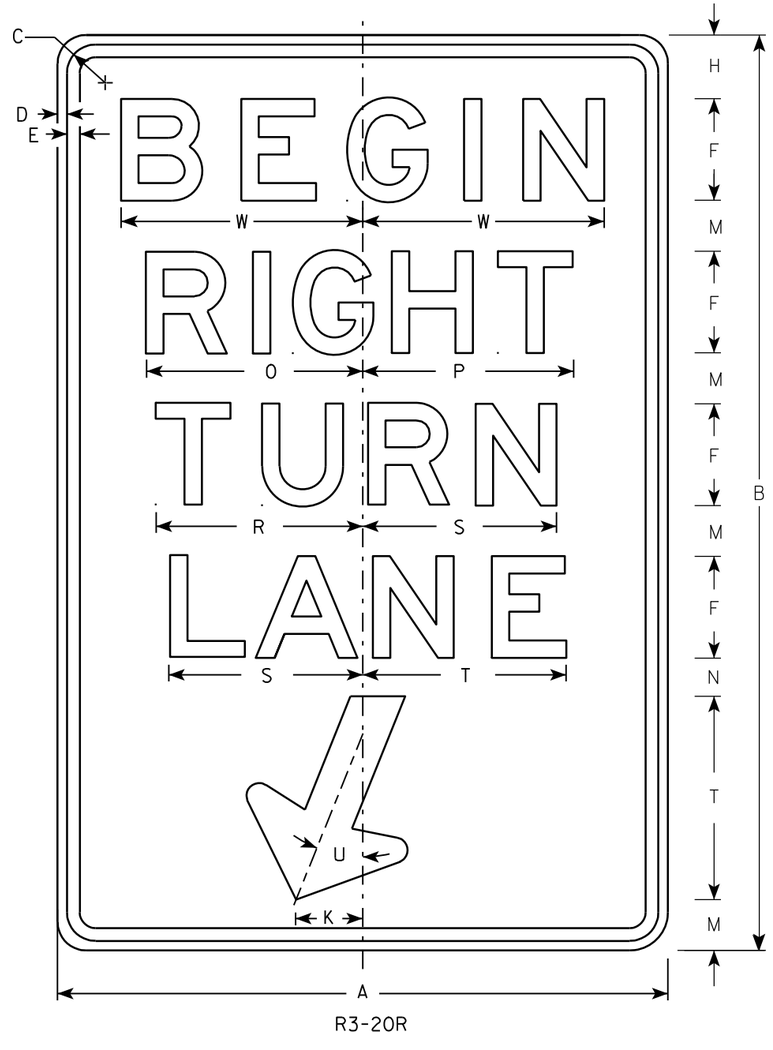
STANDARD SIGN
R3-20L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/18/10 PLATE NO. R3-20L.7

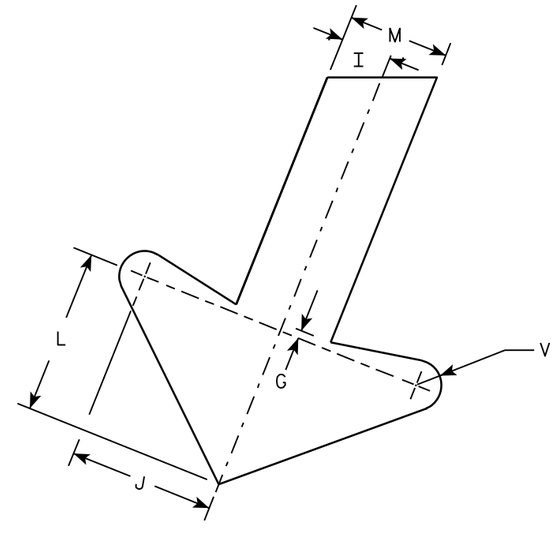
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 475 | E



R3-20R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 3/4	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	12 3/4	12 1/2		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

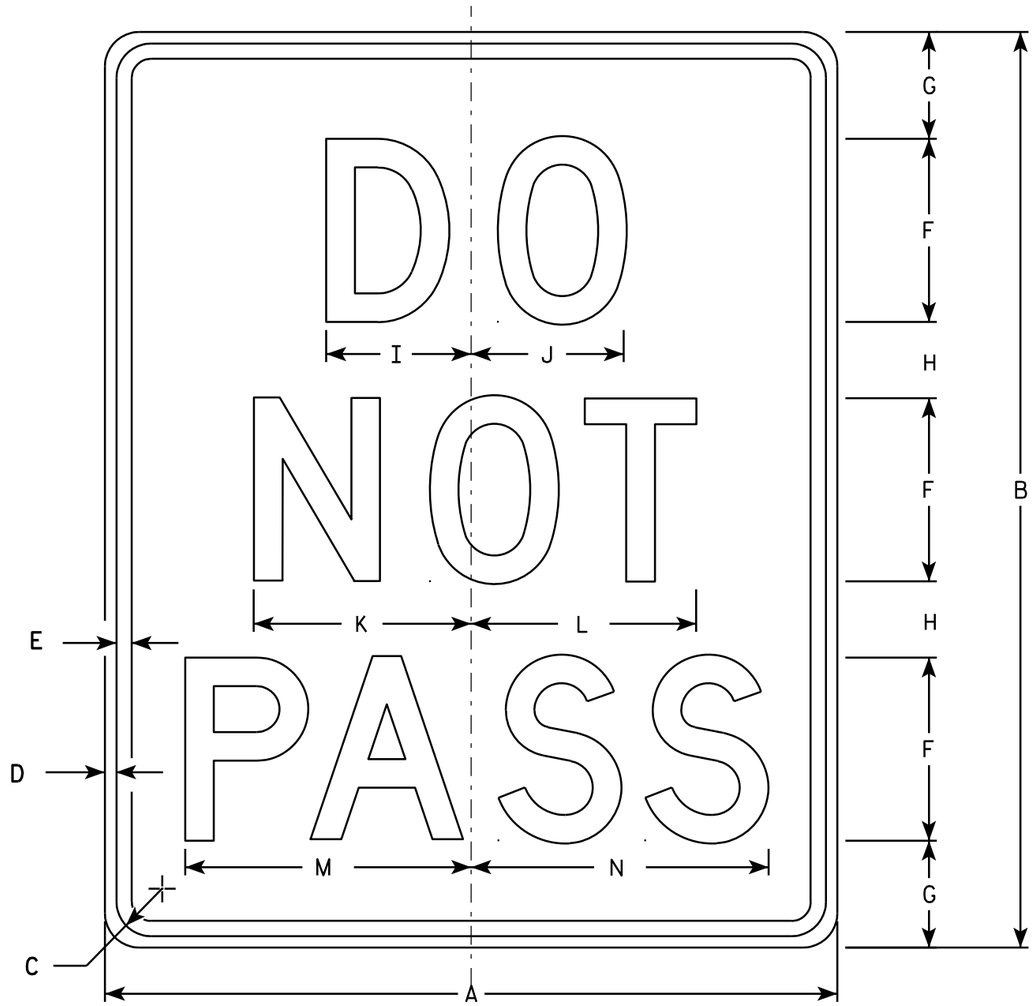
STANDARD SIGN
R3-20R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/18/10 PLATE NO. R3-20R.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 476 | E



R4-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	4	3 1/2	2 1/2	3 1/8	3 1/4	4 3/4	4 7/8	6 1/4	6 1/2													3.0
2S	24	30	1 1/8	3/8	1/2	6	3 1/2	2 1/2	4 3/4	5	7 1/8	7 3/8	9 3/8	9 3/4													5.0
2M	24	30	1 1/8	3/8	1/2	6	3 1/2	2 1/2	4 3/4	5	7 1/8	7 3/8	9 3/8	9 3/4													5.0
3																											
4	36	48	1 5/8	5/8	3/4	8	7	5	6 1/4	6 5/8	9 1/2	9 3/4	12 1/2	13													12.0
5	48	60	2 1/4	3/4	1	10	8	7	7 3/4	8 3/8	11 7/8	12 1/4	15 5/8	16 1/4													20.0

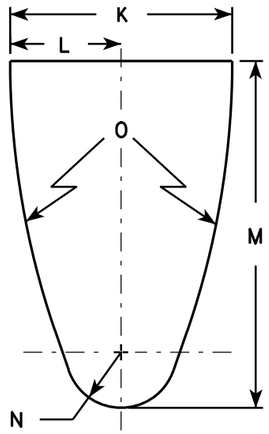
STANDARD SIGN
R4-1

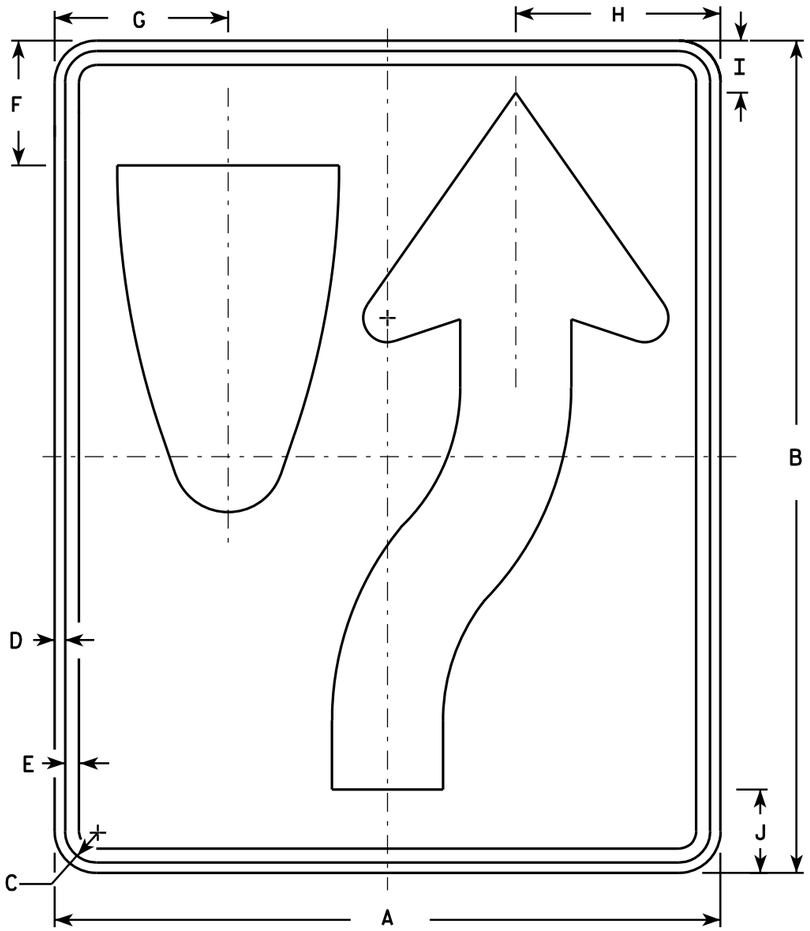
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-1.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 477 | E

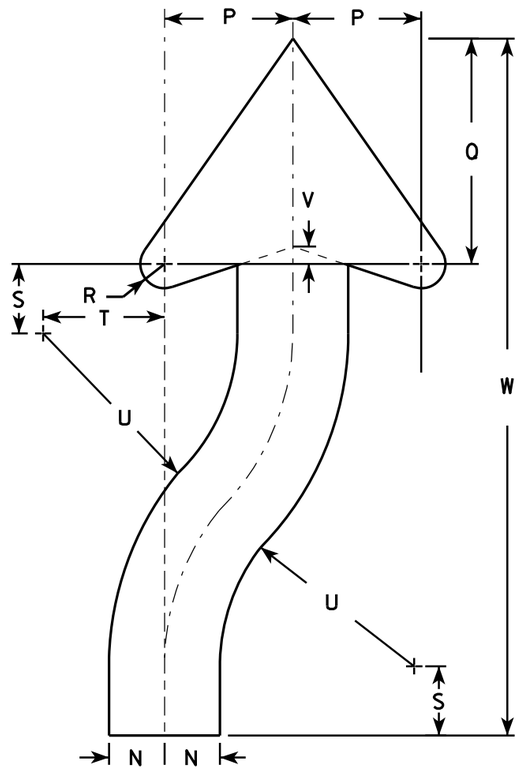




R4-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
4. R4-8 is the same as R4-7 except Legend is reversed.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	2 1/4	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

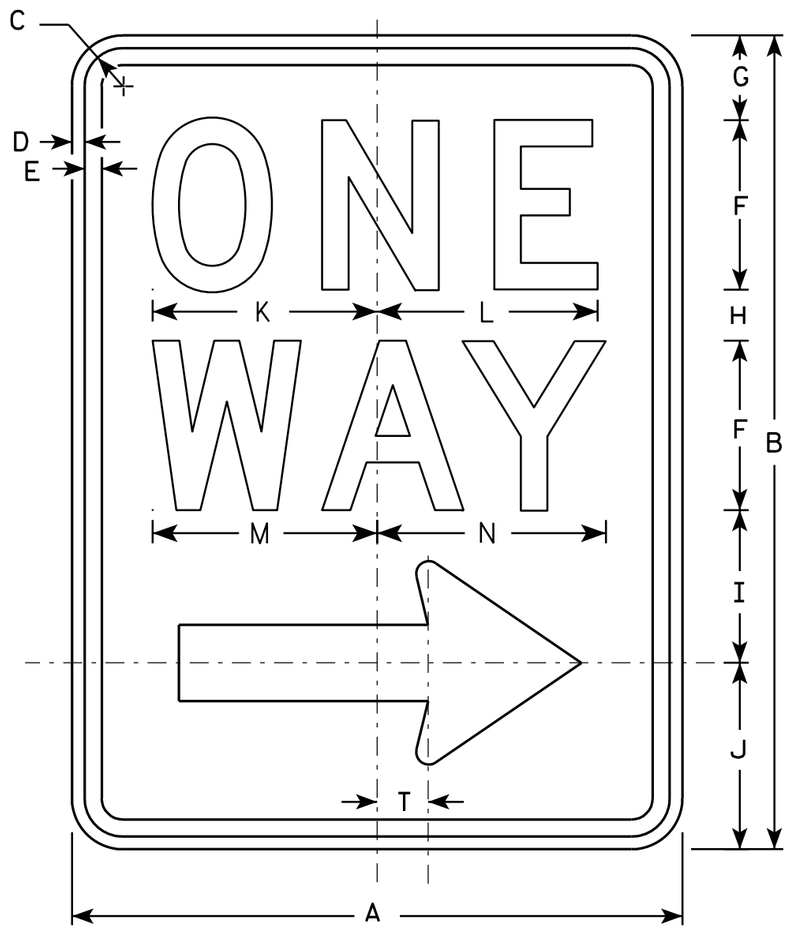
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-7.8

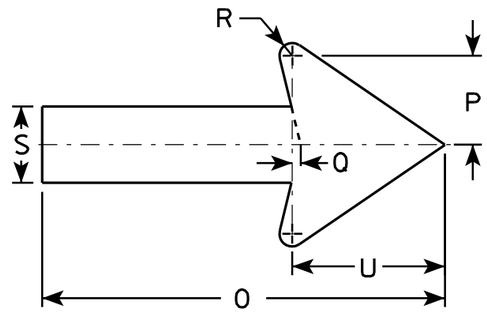
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 478	E



R6-2R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R6-2L same as R6-2R except arrow points to the left.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	30	1 1/8	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 3/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

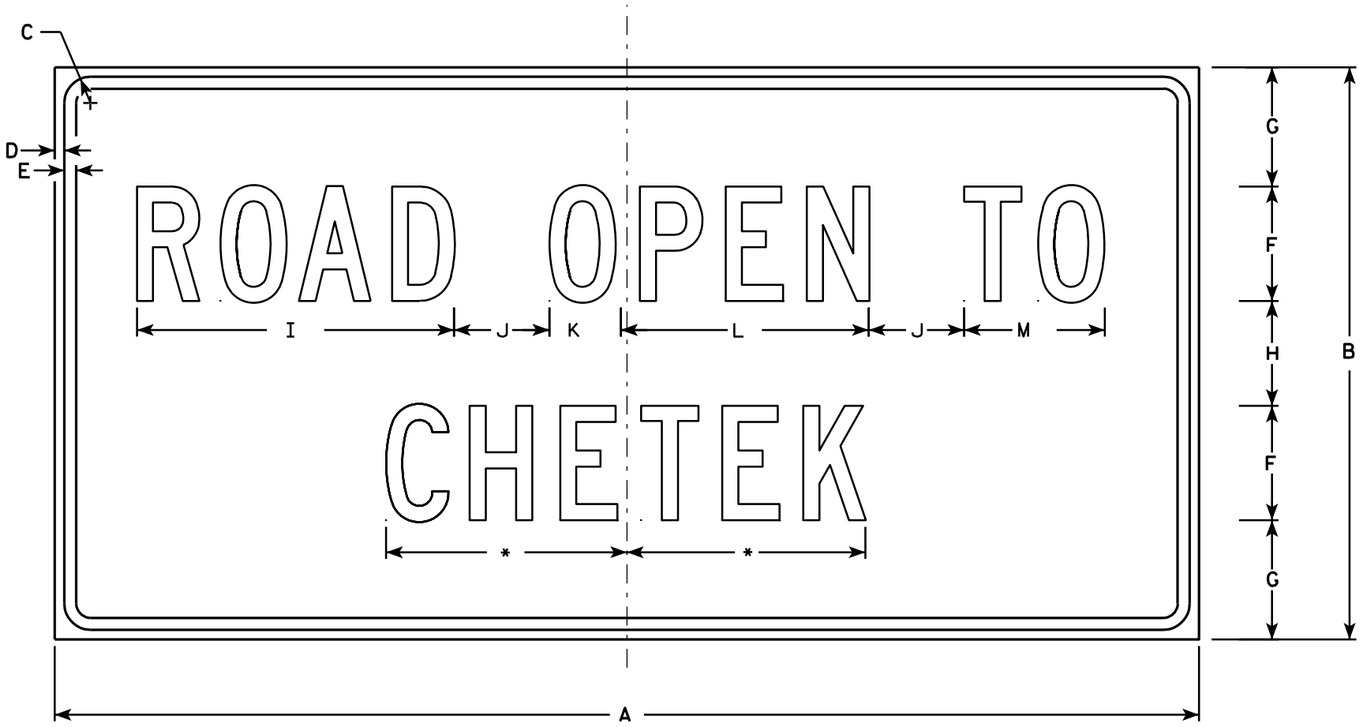
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 479	E



R10-61

*See note 5

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate message and optically balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	24	1 3/8	1/2	5/8	4	5 1/2	5	10 3/4	2	2 1/8	8 3/8	4 5/8														6.0
2S	60	30	1 3/8	1/2	5/8	6	6 1/4	5 1/2	16 5/8	5	3 3/4	13	7 3/8														12.5
2M	60	30	1 3/8	1/2	5/8	6	6 1/4	5 1/2	16 5/8	5	3 3/4	13	7 3/8														12.5
3																											
4																											
5																											

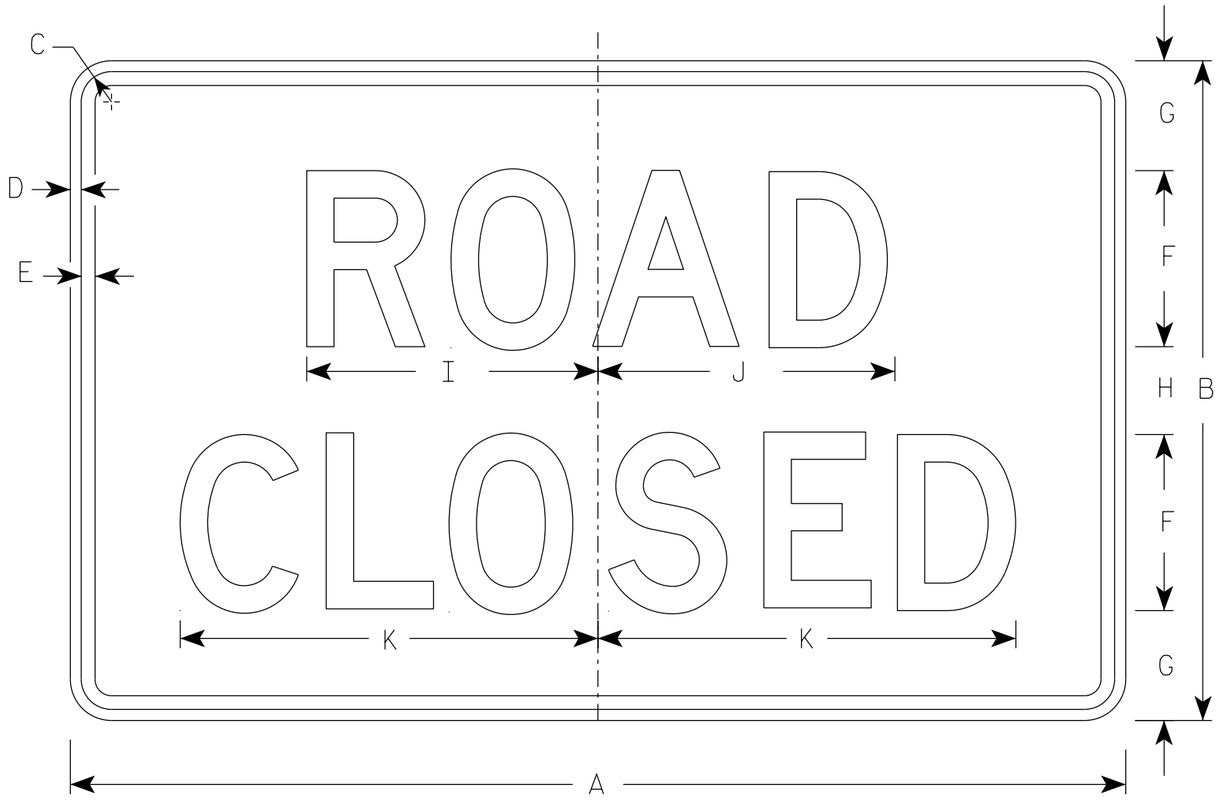
STANDARD SIGN
R10-61

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/4/11 PLATE NO. R10-61.5

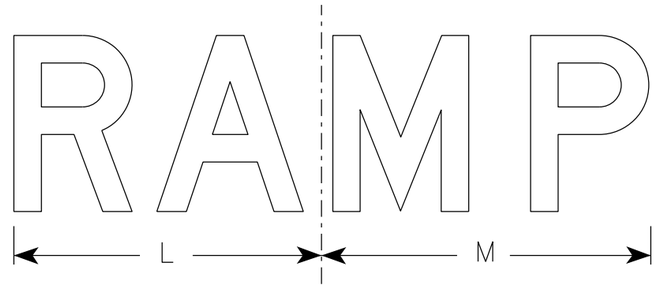
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 480	E



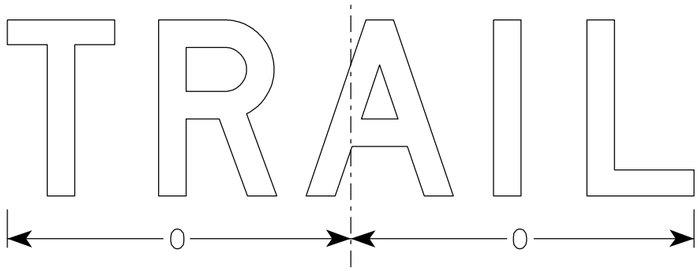
R11-2

NOTES

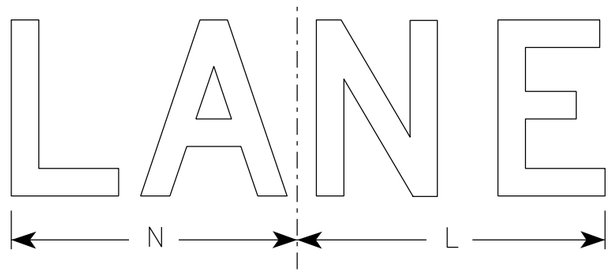
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



R11-2R



R11-2T



R11-2L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
2M	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
3	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
4	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
5	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0

STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

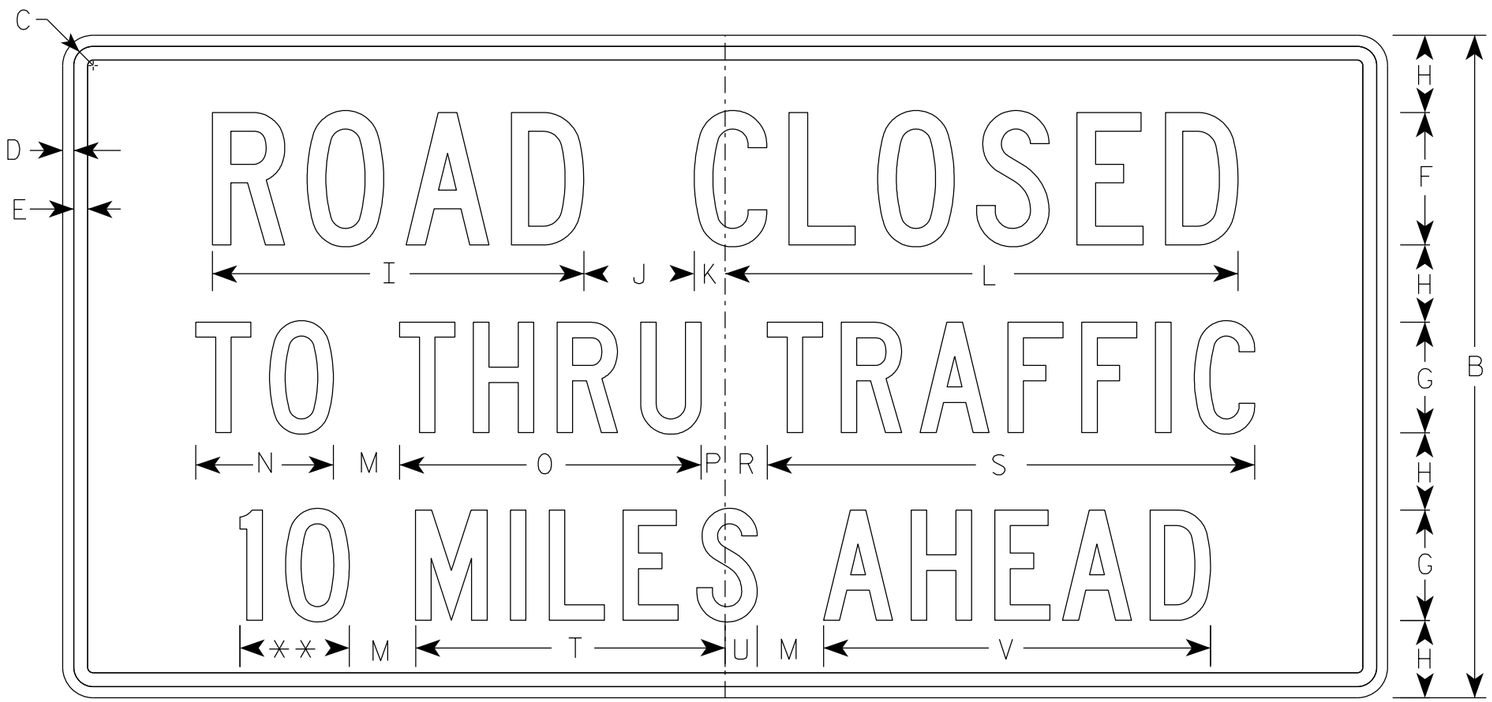
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2021 PLATE NO. R11-2.11

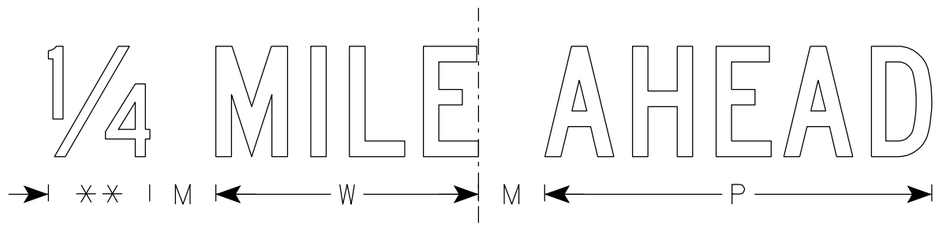
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 481	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3



** See Note 5

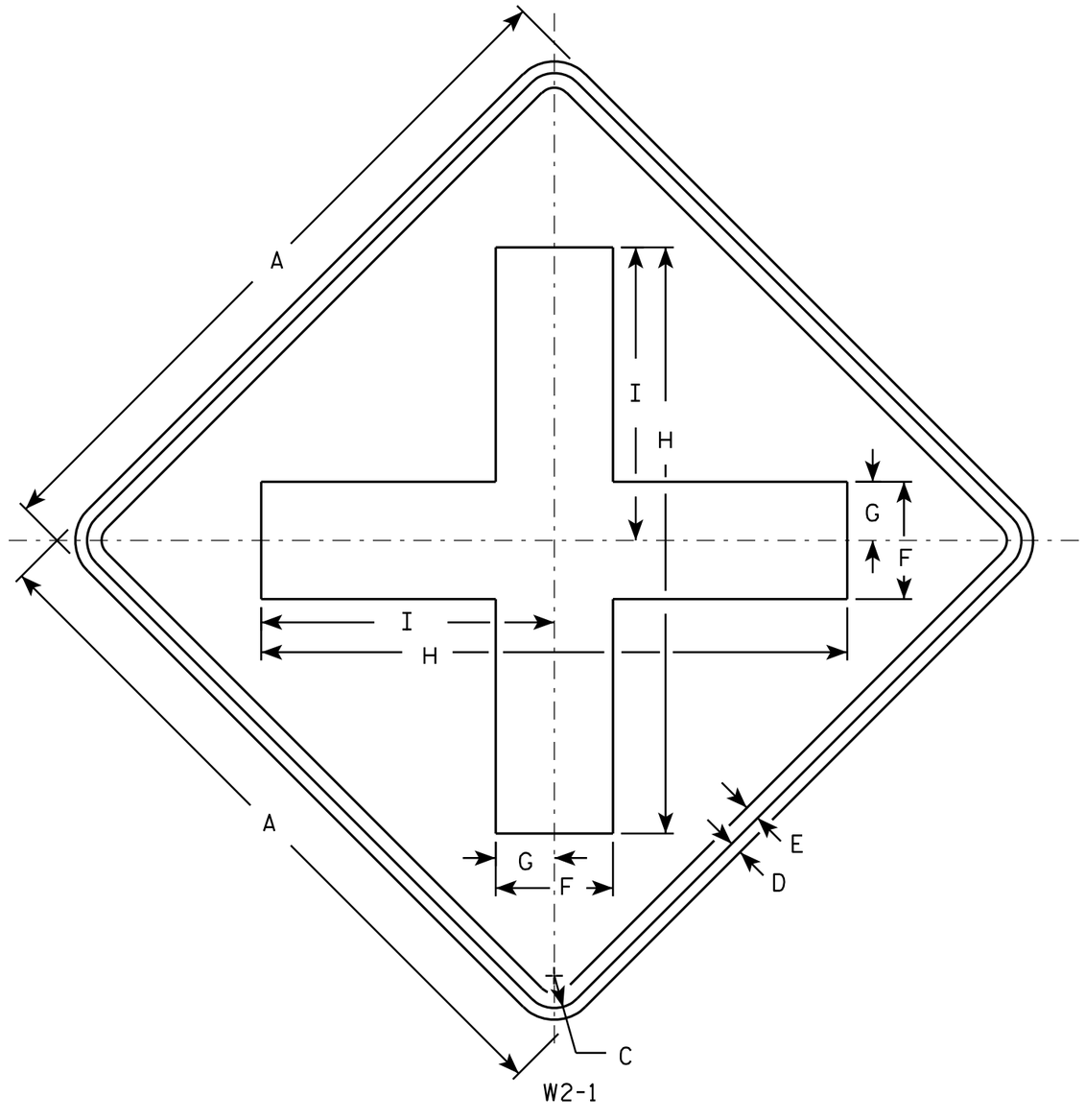
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/4	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 3/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 3/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 6/14/2021 PLATE NO. R11-3.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 482	E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	4	2	20	10																		4.0
2S	30		1 3/8	1/2	5/8	5	2 1/2	25	12 1/2																		6.25
2M	30		1 3/8	1/2	5/8	5	2 1/2	25	12 1/2																		6.25
3	36		1 5/8	5/8	3/4	6	3	30	15																		9.0
4	48		2 1/4	3/4	1	8	4	40	20																		16.0
5																											

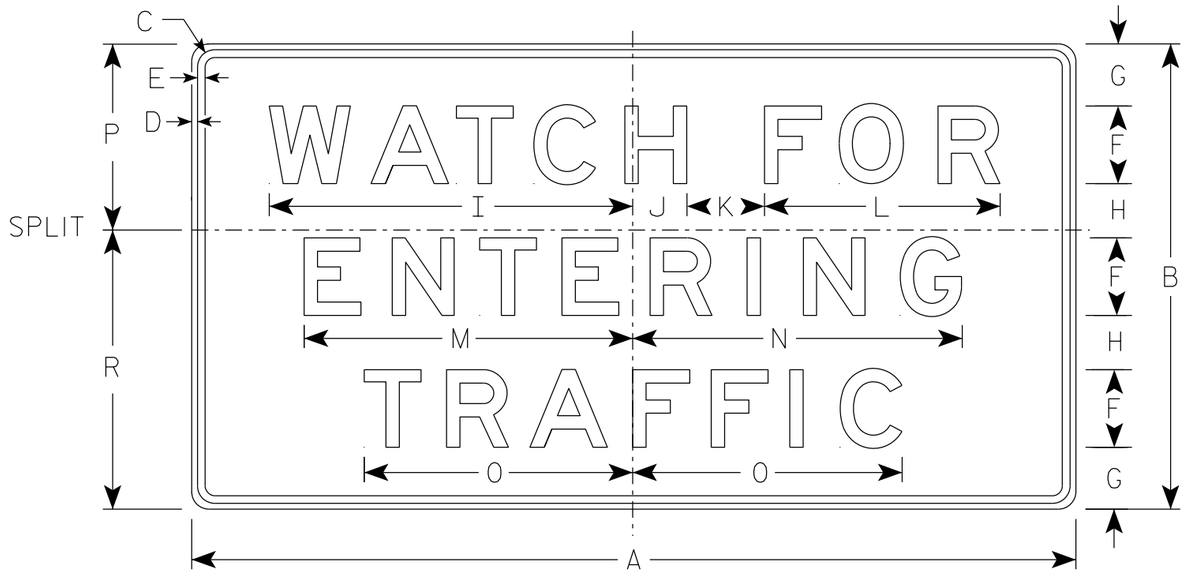
STANDARD SIGN
W2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W2-1.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 483	E



W8-75

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - YELLOW
   Message - BLACK
3. Message Series - E
4. Size 4 will have a split as Shown

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	66	36	1 5/8	5/8	3/4	6	5	4	26 1/4	3 1/4	6	17	21 1/2	21 1/2	18 3/4												16.5
2M	66	36	1 5/8	5/8	3/4	6	5	4	26 1/4	3 1/4	6	17	21 1/2	21 1/2	18 3/4												16.5
3	84	48	3	3/4	1	8	6	6	34 1/2	4 7/8	7	22 5/8	28 5/8	28 5/8	25												28.0
4	114	60	2 1/4	3/4	1	10	8	7	46 7/8	7	10	30 3/8	42 3/8	42 1/2	34 5/8	24		36									47.5
5																											

STANDARD SIGN

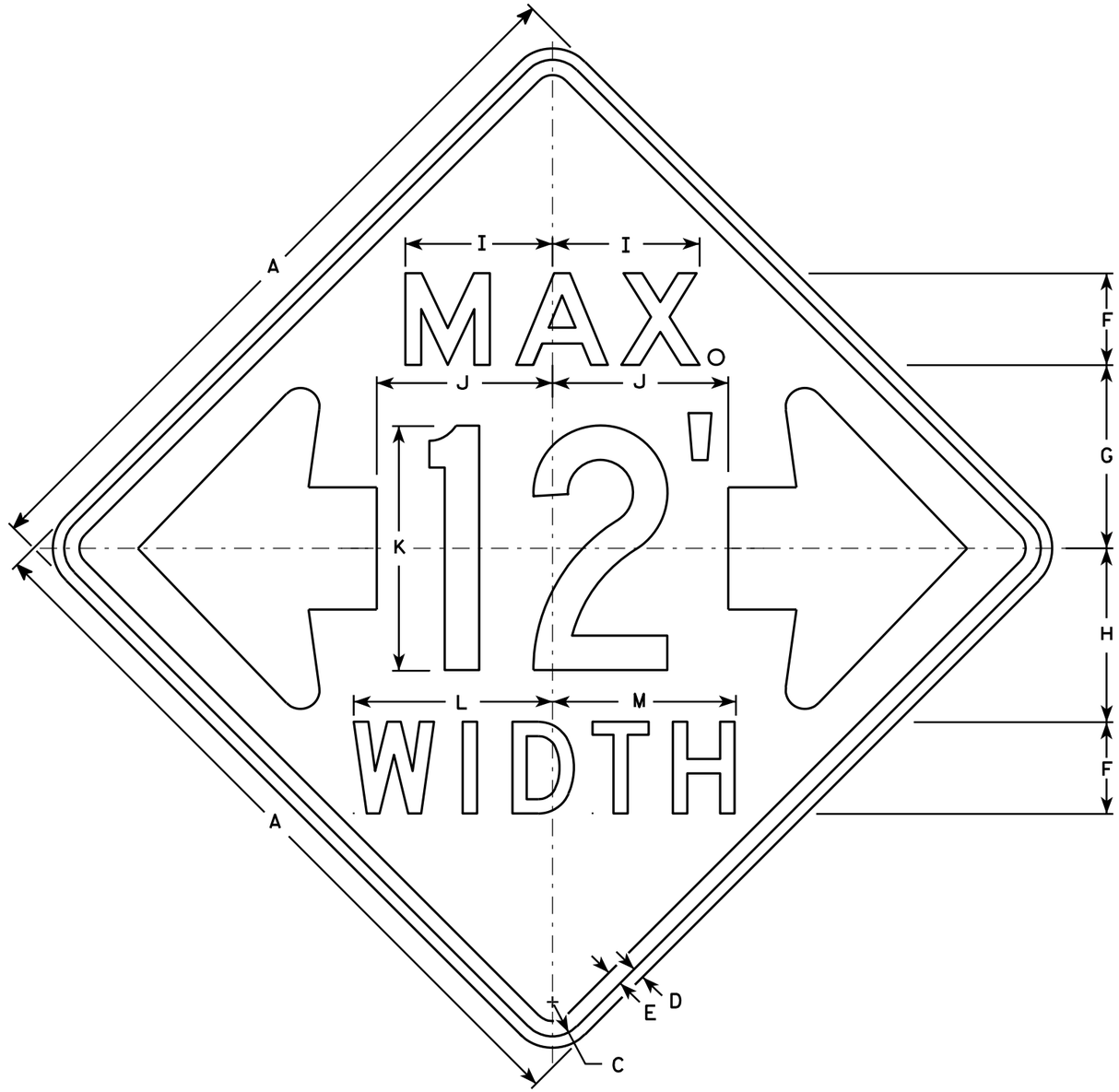
W8-75

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/3/2021 PLATE NO. W8-75.2

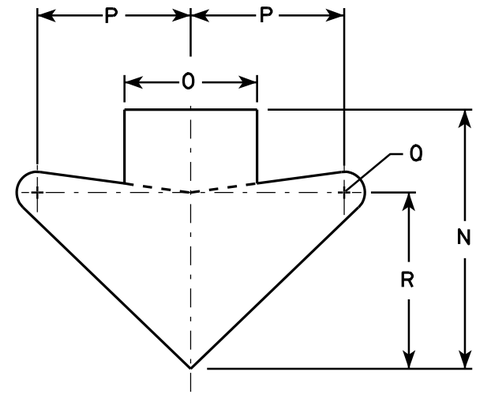
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 484 | E



W12-52

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. The top line is series E, the numerals are series C, and the bottom line is series D.
6. Substitute appropriate numerals and adjust spacing as required.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48		2 1/4	3/4	1	6	12	11 3/8	9 5/8	11 1/2	16	13	12	15 5/8	8	9 1/4	1 1/4	10 5/8									16.0
2M	48		2 1/4	3/4	1	6	12	11 3/8	9 5/8	11 1/2	16	13	12	15 5/8	8	9 1/4	1 1/4	10 5/8									16.0
3																											
4																											
5																											

STANDARD SIGN
W12-52

WISCONSIN DEPT OF TRANSPORTATION

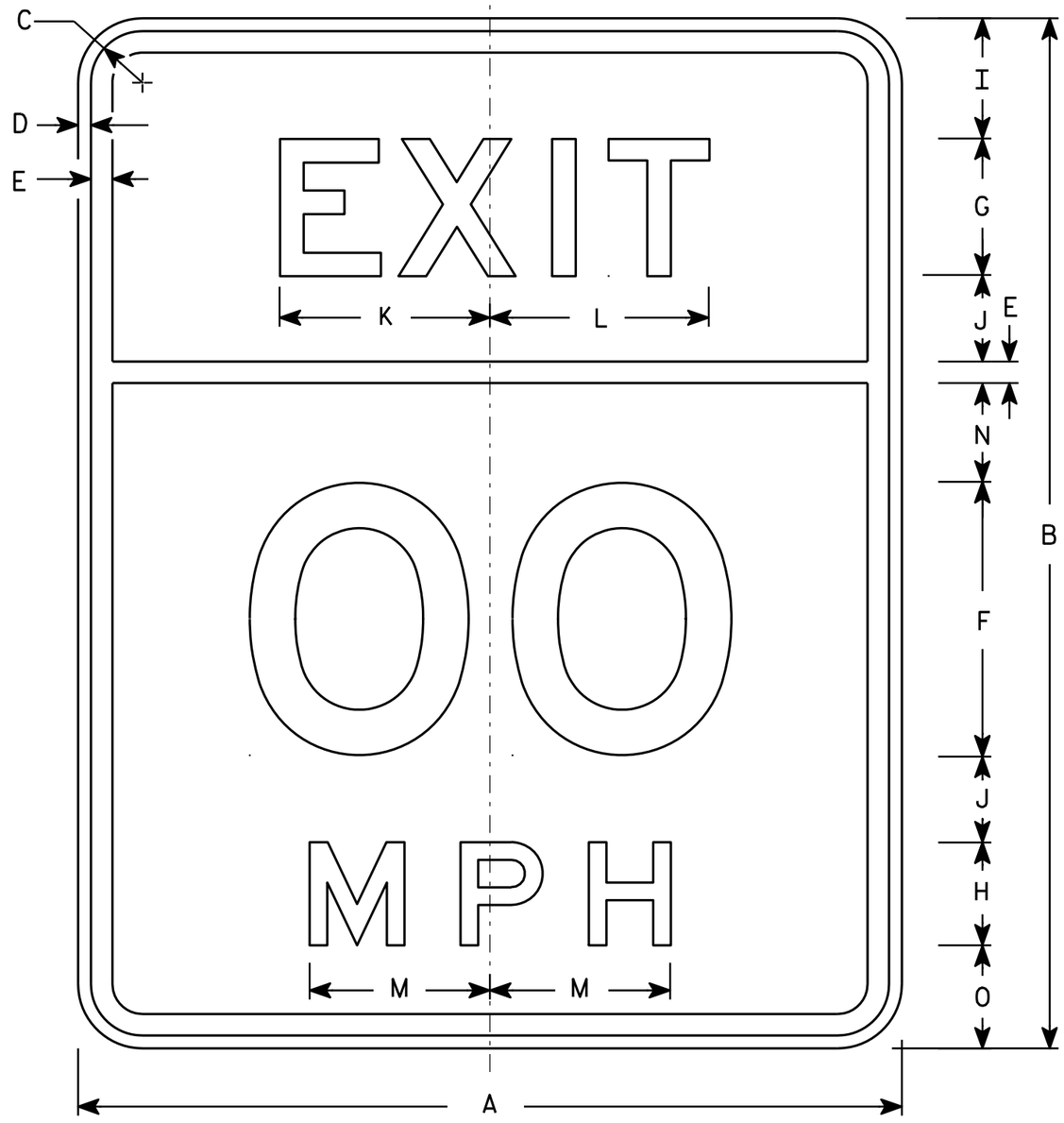
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/11 PLATE NO. W12-52.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 485 | E

7

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W1252.DGN PLOT DATE : 16-MAR-2011 14:45 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 9.137199:1.000000
WISDOT/CADDS SHEET 42



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/2	3/8	5/8	8	4	3	3 1/2	2 1/2	6 1/8	6 3/8	5 1/4	2 7/8	3												5.0
2M	24	30	1 1/2	3/8	5/8	8	4	3	3 1/2	2 1/2	6 1/8	6 3/8	5 1/4	2 7/8	3												5.0
3	36	48	2 1/4	5/8	7/8	12	6	4	6	4	9 1/4	9 1/2	7 1/8	5 1/8	6												12.0
4	36	48	2 1/4	5/8	7/8	12	6	4	6	4	9 1/4	9 1/2	7 1/8	5 1/8	6												12.0
5	48	60	2 1/4	3/4	1	16	8	6	7	5	12 1/4	12 3/4	10 5/8	5 3/4	6												20.0

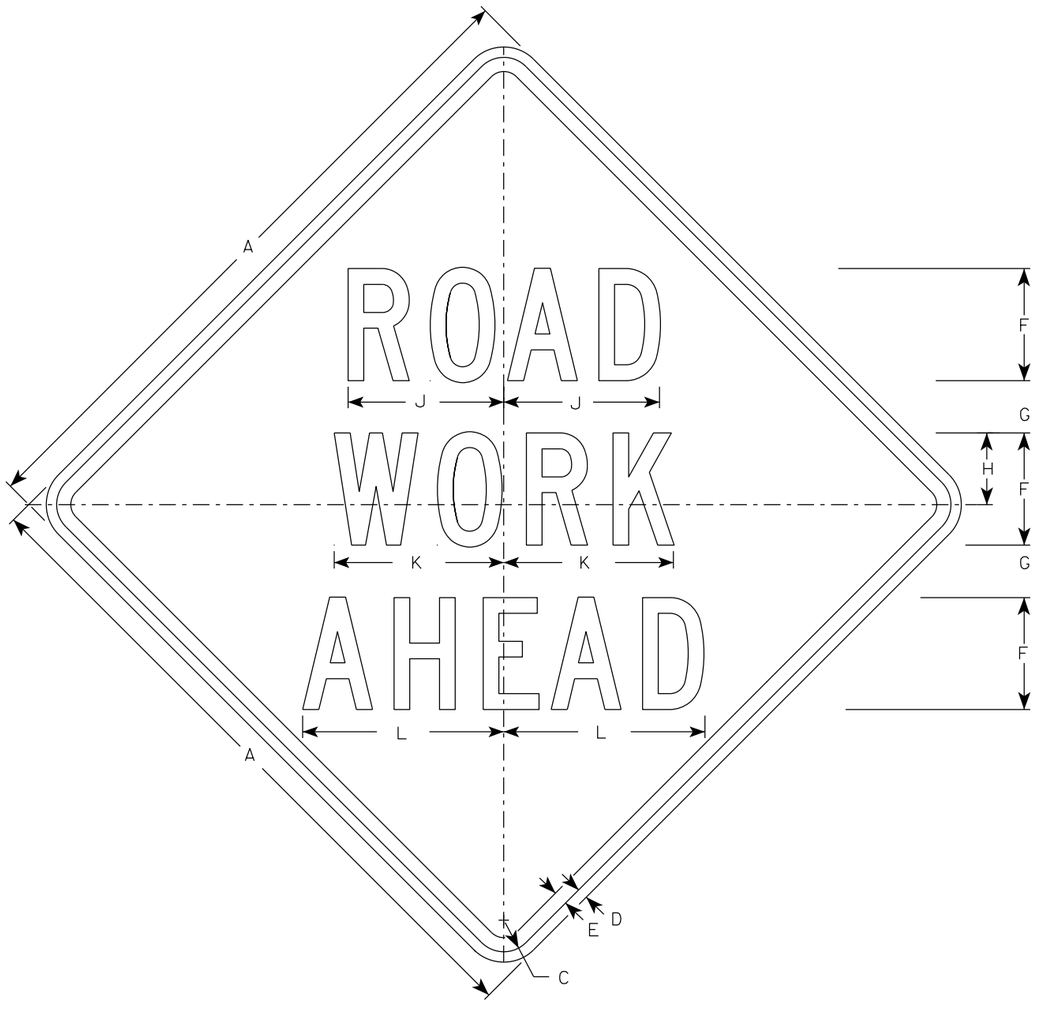
STANDARD SIGN
W13-2

WISCONSIN DEPT OF TRANSPORTATION

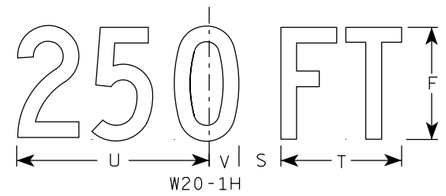
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/31/12 PLATE NO. W13-2.9

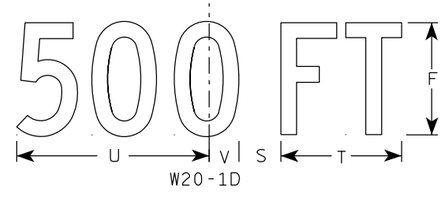
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 486 | E



W20-1A



W20-1H



W20-1D



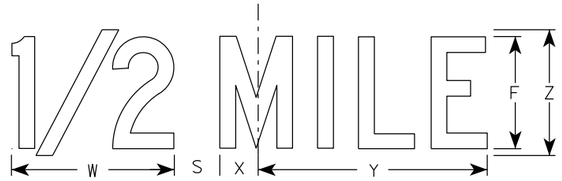
W20-1C



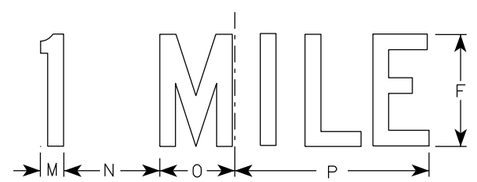
W20-1B

NOTES

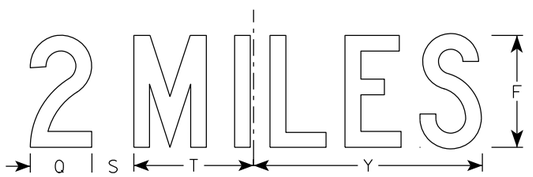
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W20-1G



W20-1F



W20-1E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, E, F, G & H

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2020 PLATE NO. W20-1.11

PROJECT NO:

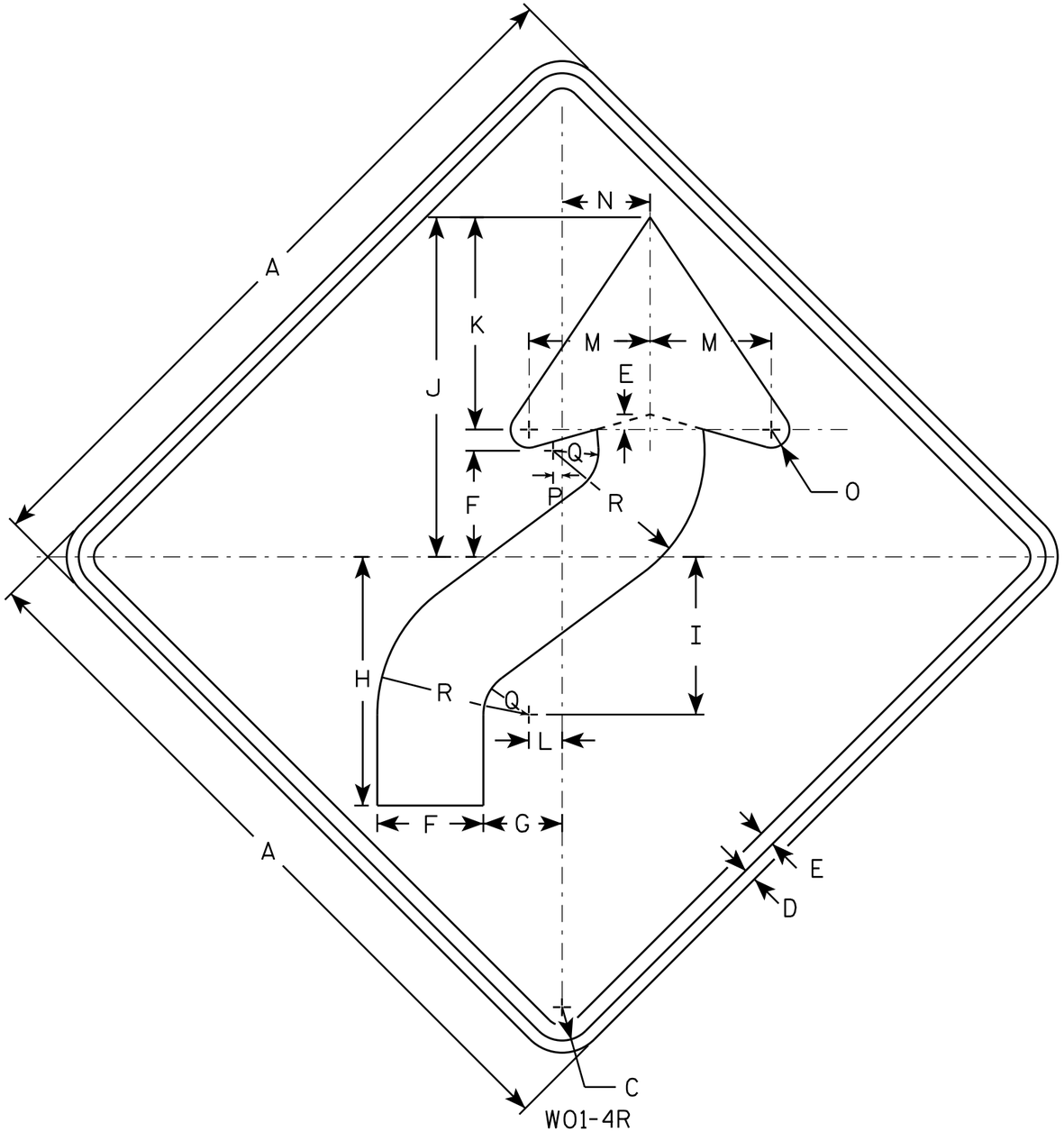
SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN PLOT DATE : 25-MARCH-2020 PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

7

7



W01-4R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W01-4L is the same as W01-4R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
2S	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
2M	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
3	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
4	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
5	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

STANDARD SIGN
W01-4

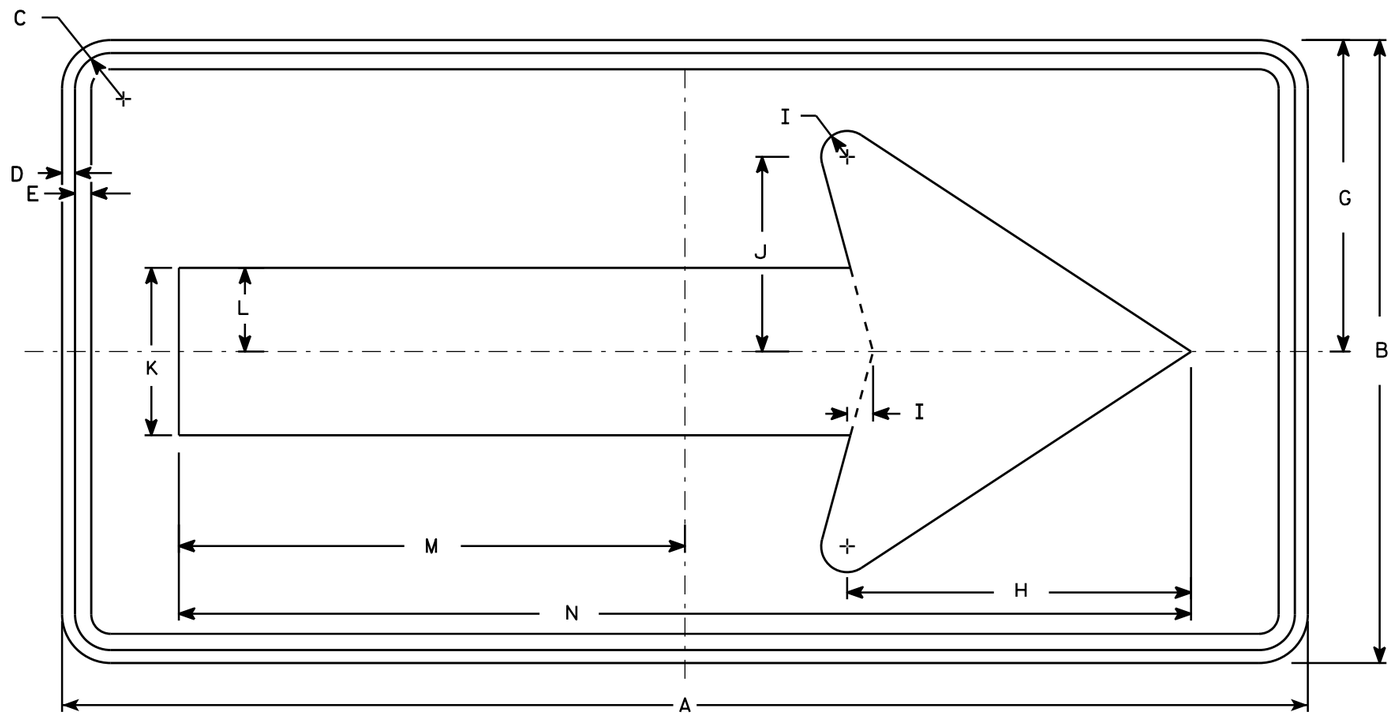
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/13 PLATE NO W01-4.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W014.DGN PLOT DATE : 28-FEB-2014 11:35 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 6.755110:1.000000
WISDOT/CADDS SHEET 42



W01-6

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5

STANDARD SIGN
W01-6

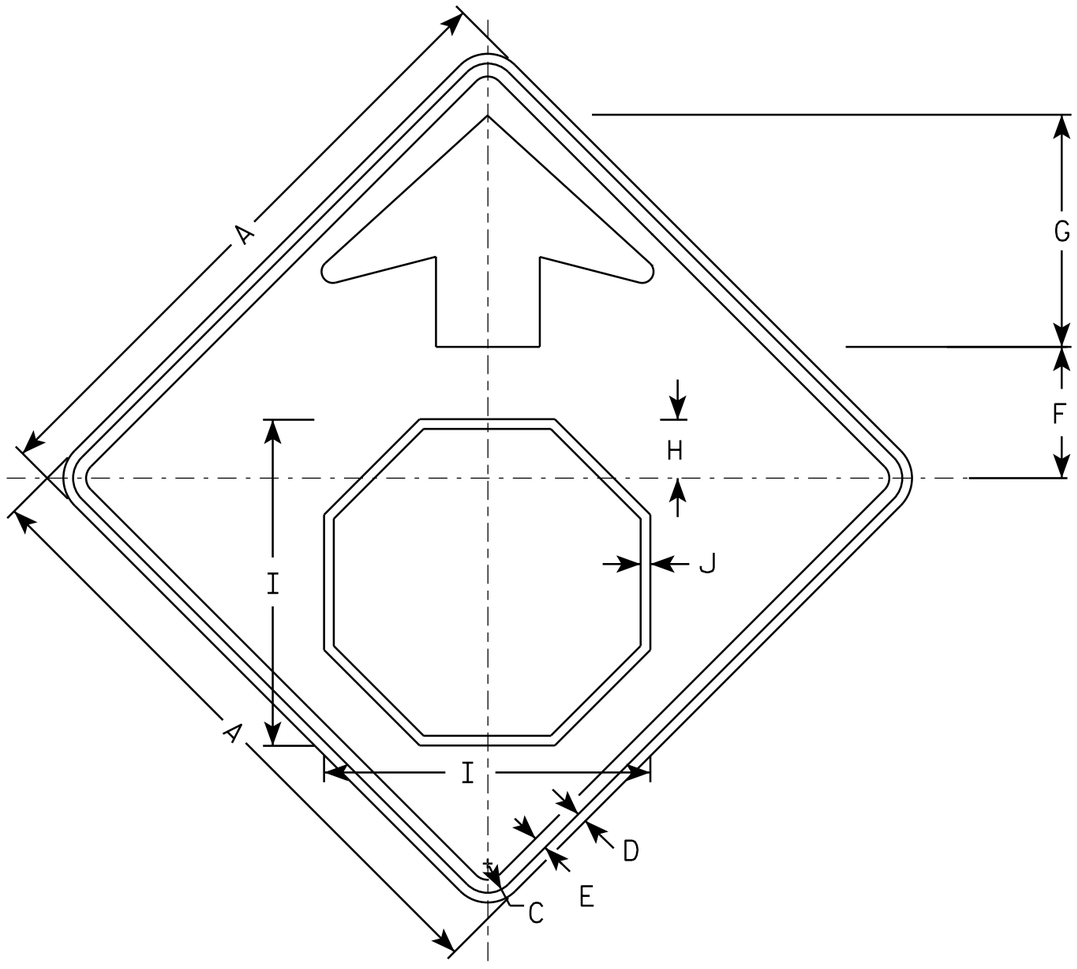
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/13 PLATE NO. W01-6.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

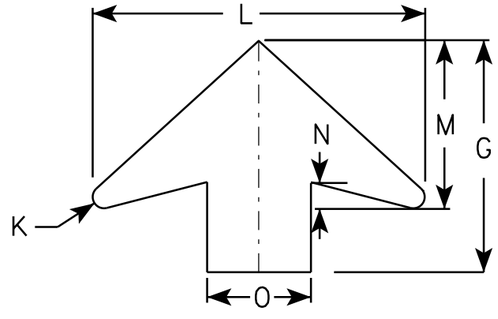
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W016.DGN PLOT DATE : 28-FEB-2014 11:37 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 5.837526:1.000000
WISDOT/CADDS SHEET 42



W03-1

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - ORANGE
   Arrow & Border - BLACK
   Stop Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2S	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
2M	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
3	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

STANDARD SIGN
W03-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

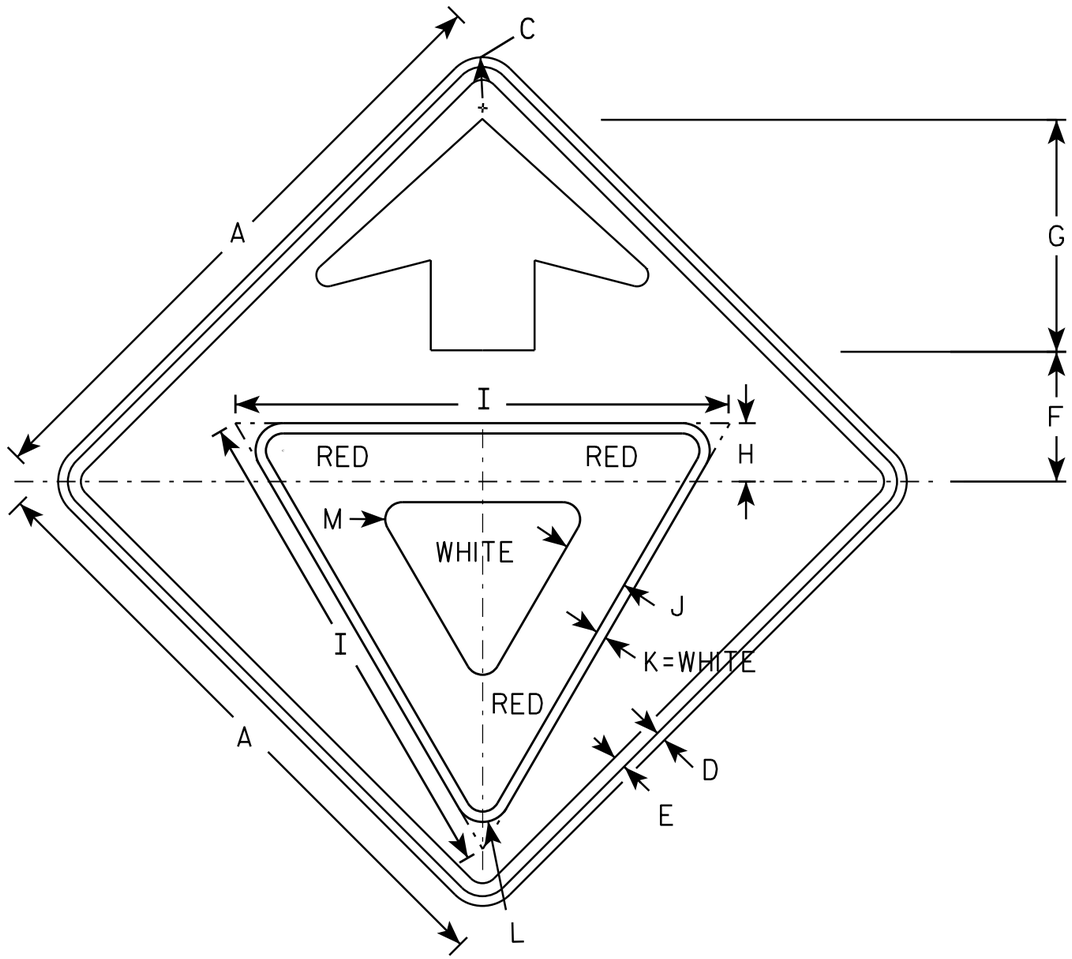
DATE 11/20/13 PLATE 490 03-1.1

PROJECT NO:

SHEET NO: E

7

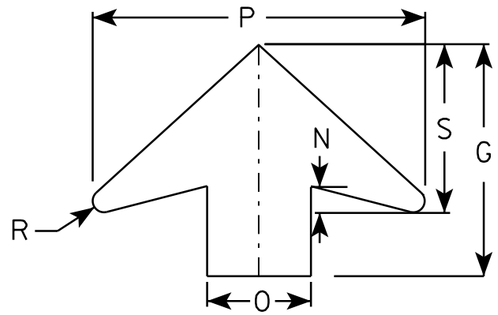
7



W03-2

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - ORANGE
   Arrow & Border - BLACK
   Yield Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
2S	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
2M	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
3	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0

STANDARD SIGN
W03-2

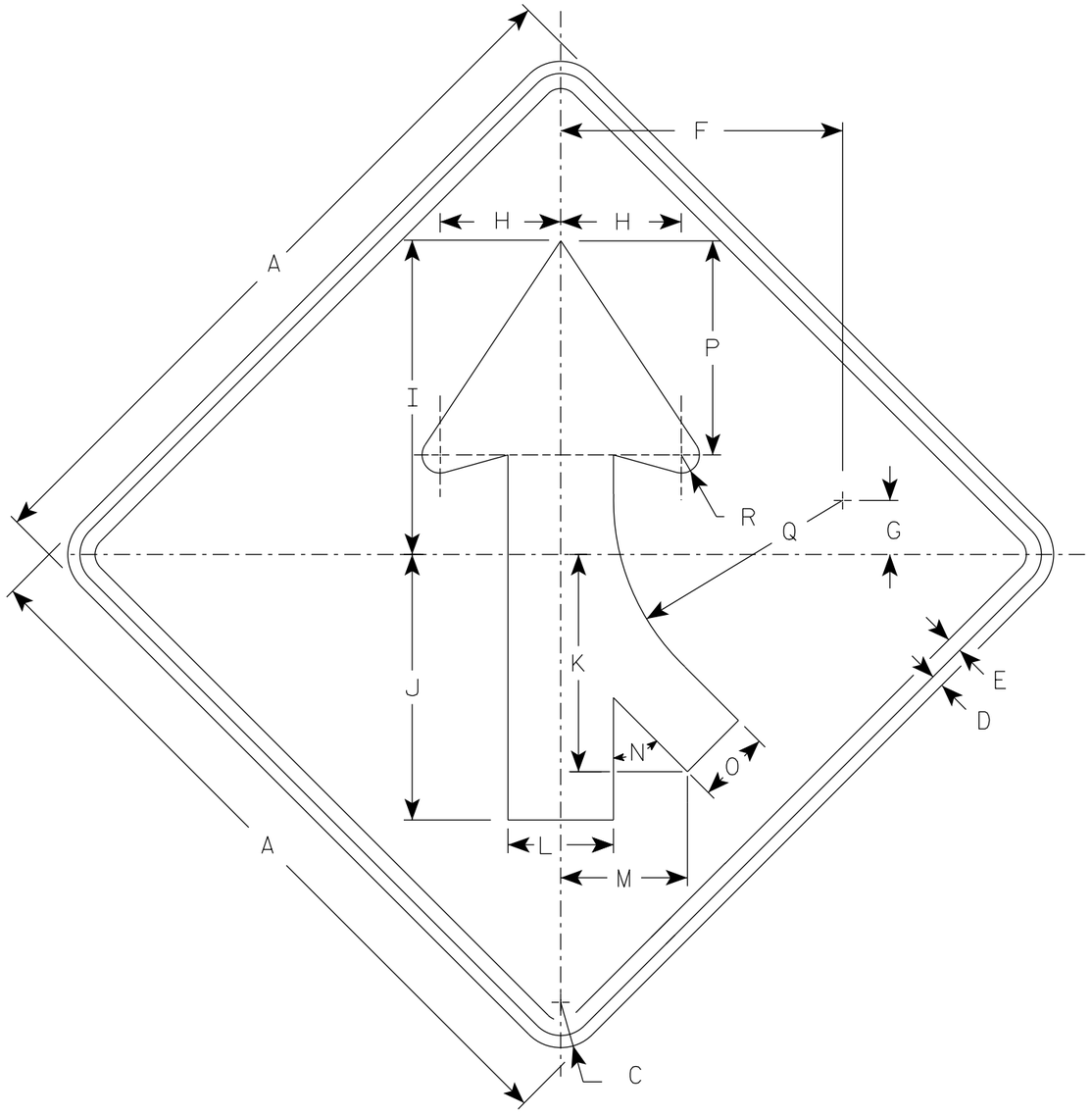
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE W03-2.1

PROJECT NO:

SHEET NO: E



W04-1R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-1L is the same as W04-1R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
2S	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
2M	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
3	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
4	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
5	48		2 1/4	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0

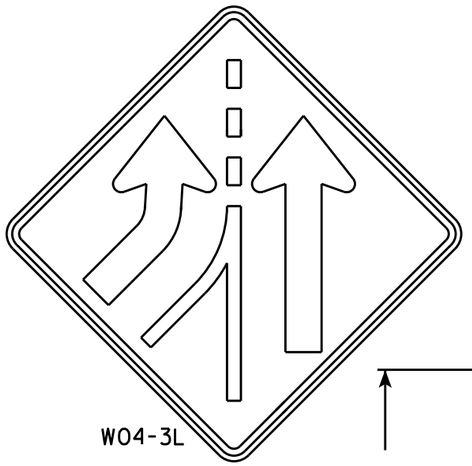
STANDARD SIGN
W04-1

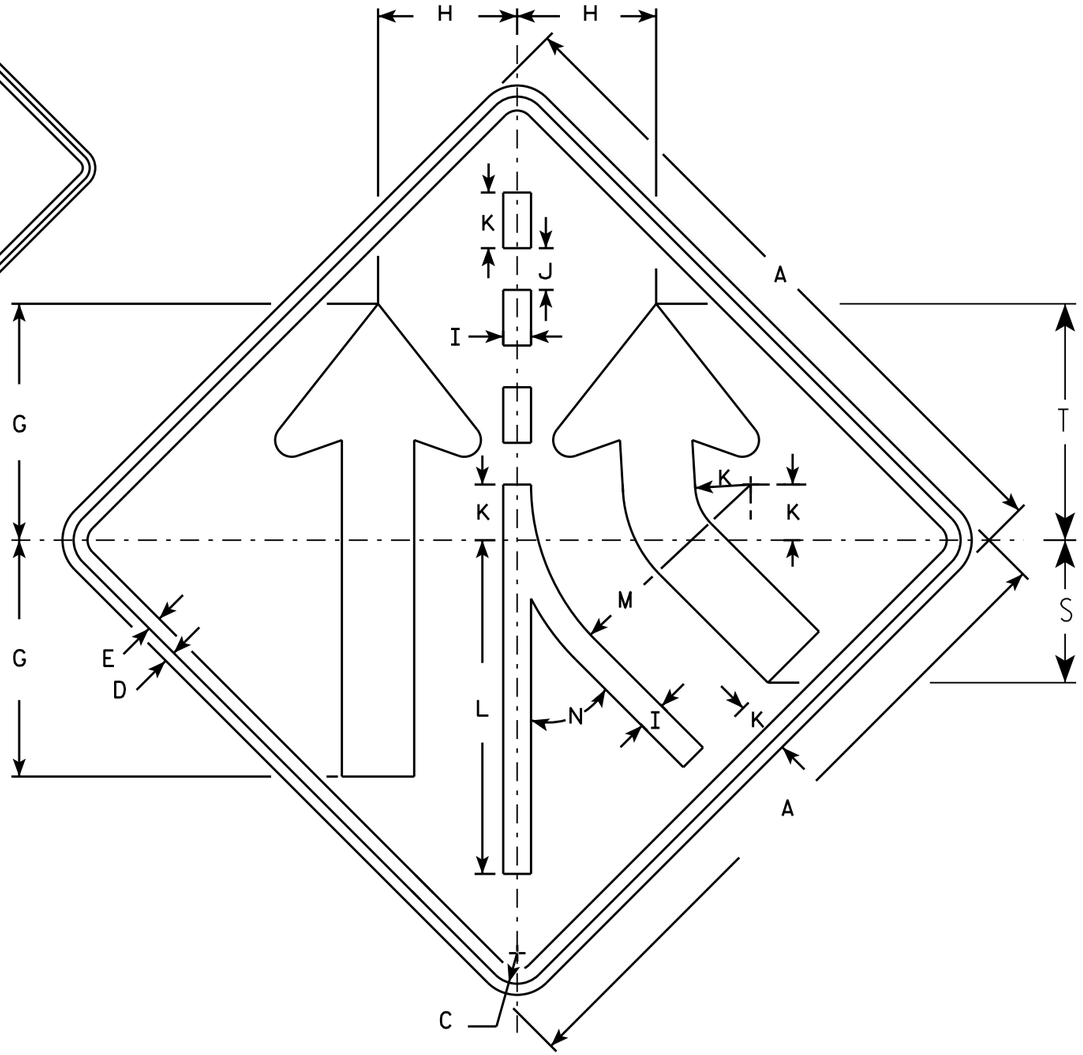
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2021 PLATE NO. W04-1.2

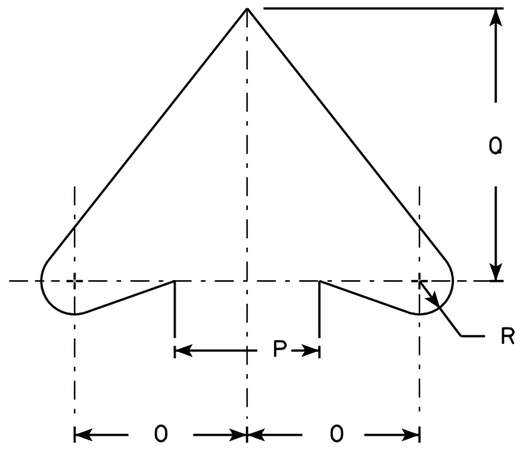
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 492 | E





NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-3 L is the same as W04-3 R except the arrow is reversed along the vertical centerline.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4		12 3/4	7 1/2	1 1/2	2 1/4	3	18	11 7/8	45°	4 5/8	4	7 3/8	7/8	7 3/4	12 3/4							9.0
2S	48		2 1/4	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0
2M	48		2 1/4	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0
3	48		2 1/4	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0
4	48		2 1/4	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0
5	48		2 1/4	3/4	1		17	10	2	3	4	24	15 3/4	45°	6 1/4	5 1/2	9 7/8	1 1/4	10 1/4	17							16.0

STANDARD SIGN

W0433

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 11/20/13 PLATE W04-3.1

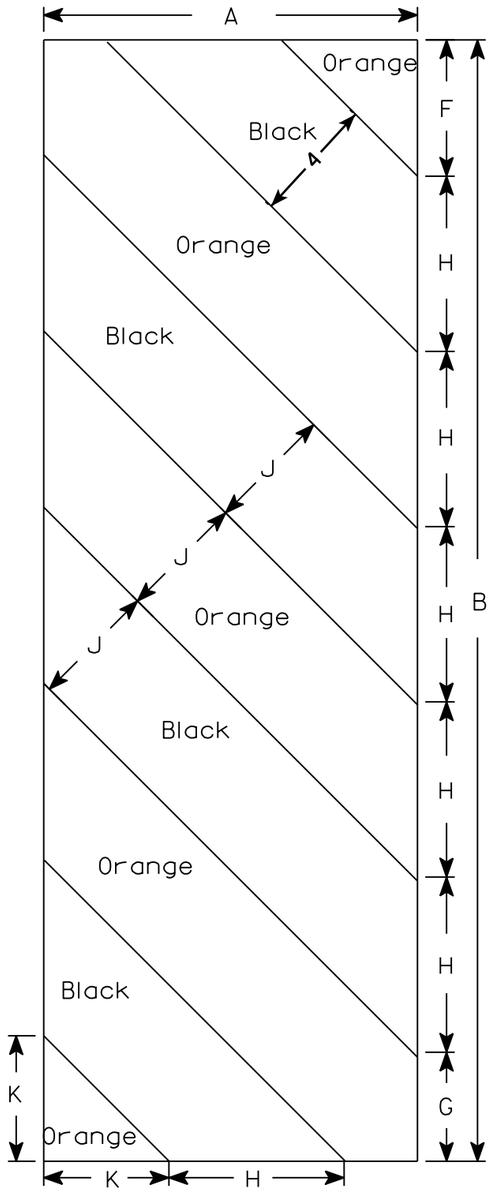
PROJECT NO:

SHEET NO: E

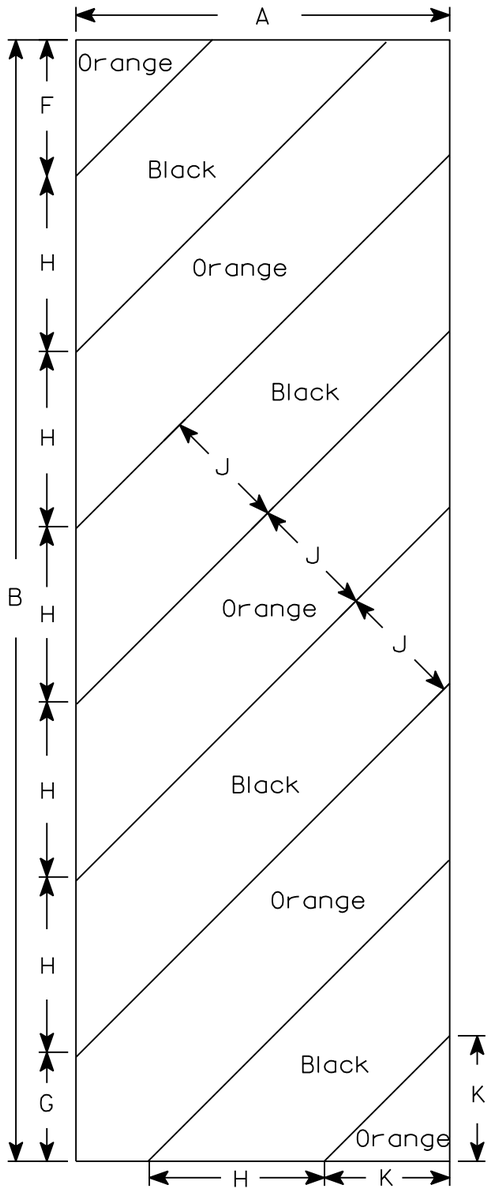
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W043.DGN PLOT DATE : 20-NOV-2013 11:49 PLOT BY : mscsja 6.810449:1.000000

WISDOT/CADDS SHEET 42

7 7



W05-52L



W05-52R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Alternate colors of stripes as shown.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
2M	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
3	18	54				6	5 1/2	8 1/2	45°	6	6 9/16																6.75
4																											
5																											

STANDARD SIGN

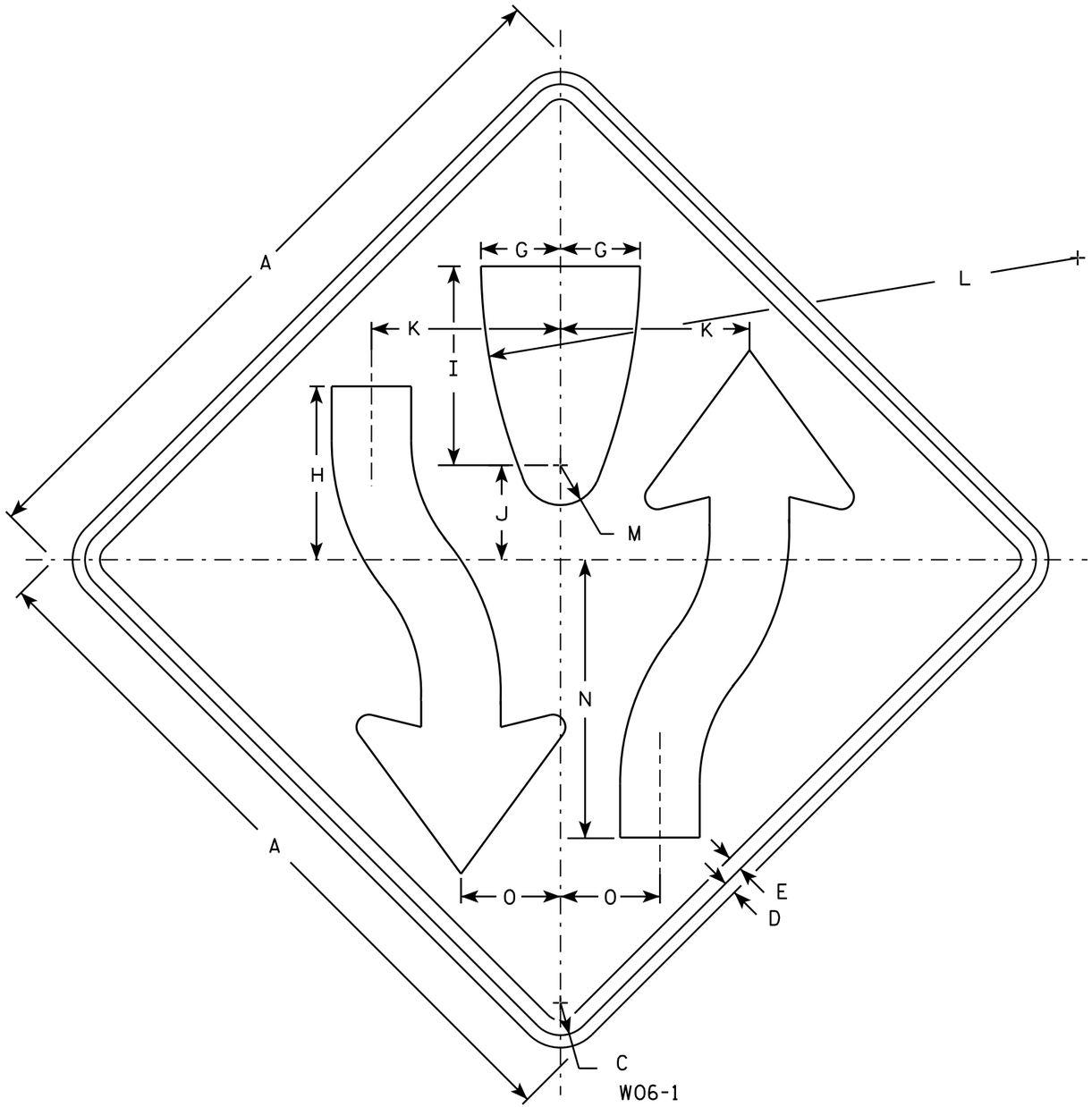
W05-52L & W05-52R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE No. W05-52.1

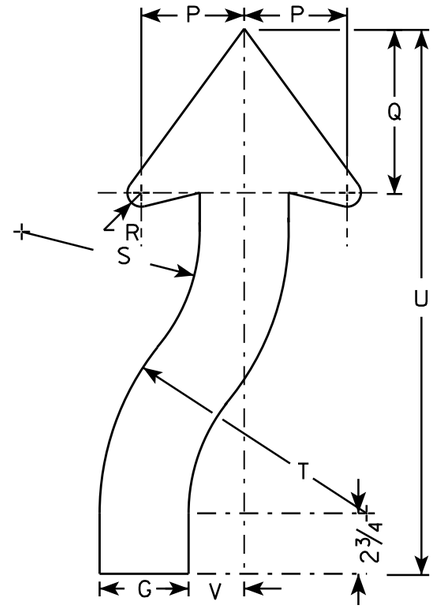
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W06-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W06-2 same as W06-1 but is rotated 180° when mounted.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7/8	8	12	24 1/2	2 1/2					9.0
2S	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
2M	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
3	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
4	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
5	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0

STANDARD SIGN
W06-1 & W06-2

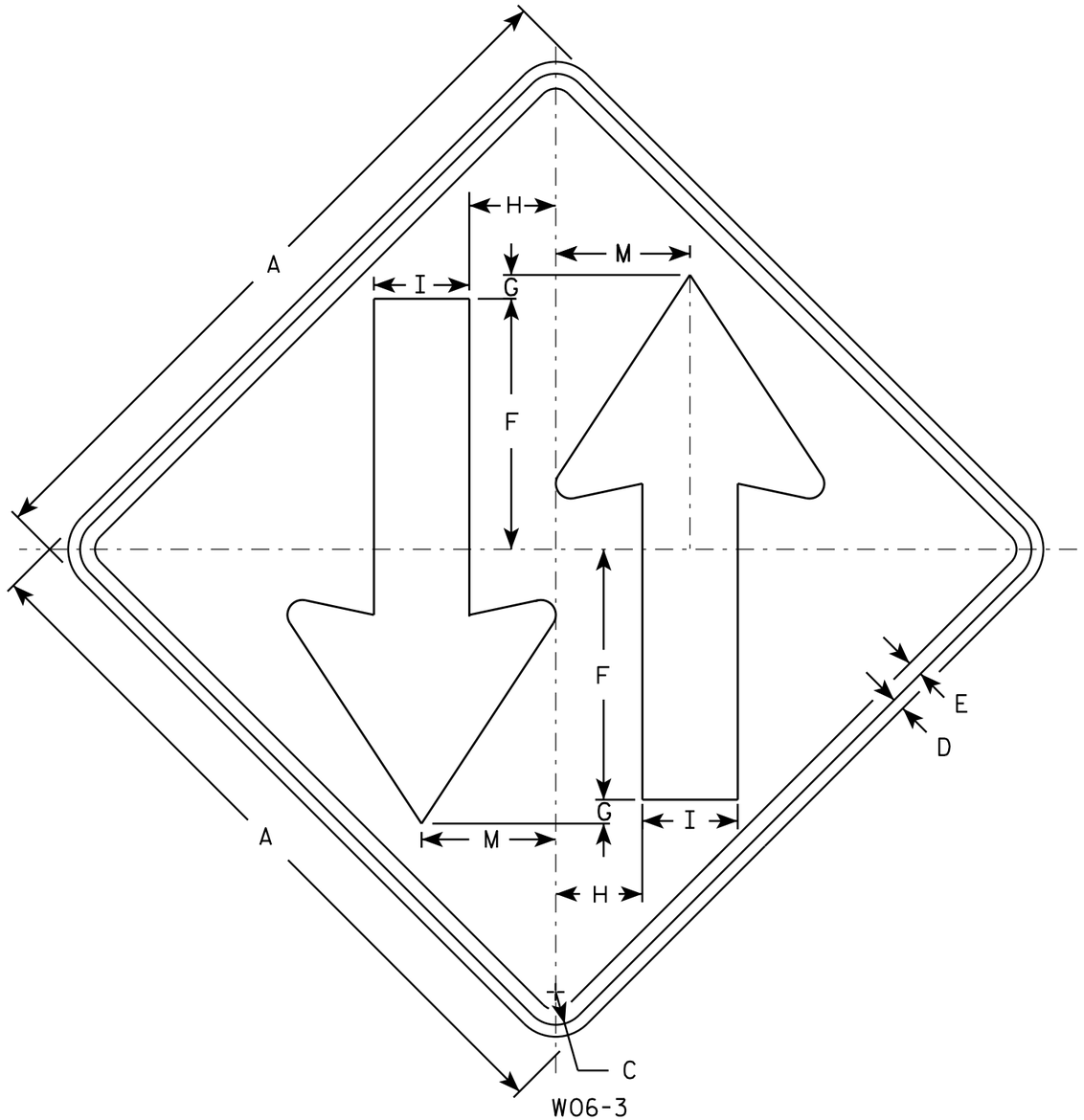
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE NO W06-1.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

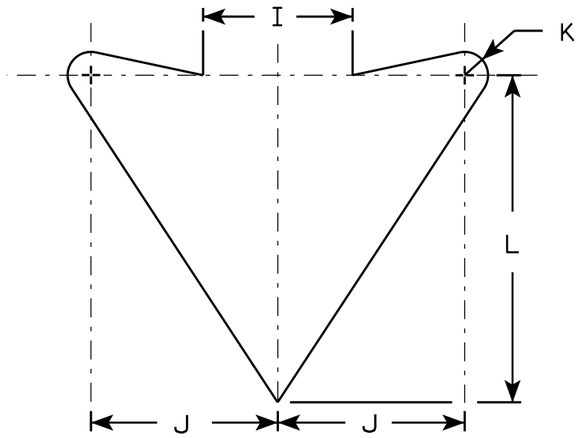
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W061.DGN PLOT DATE : 20-NOV-2013 12:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 6.810449:1.000000
WISDOT/CADDS SHEET 42



W06-3

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	12	1	4 1/4	5	6	3/4	10 1/2	6 3/4														9.0
2S	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
2M	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
3	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
4	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
5	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0

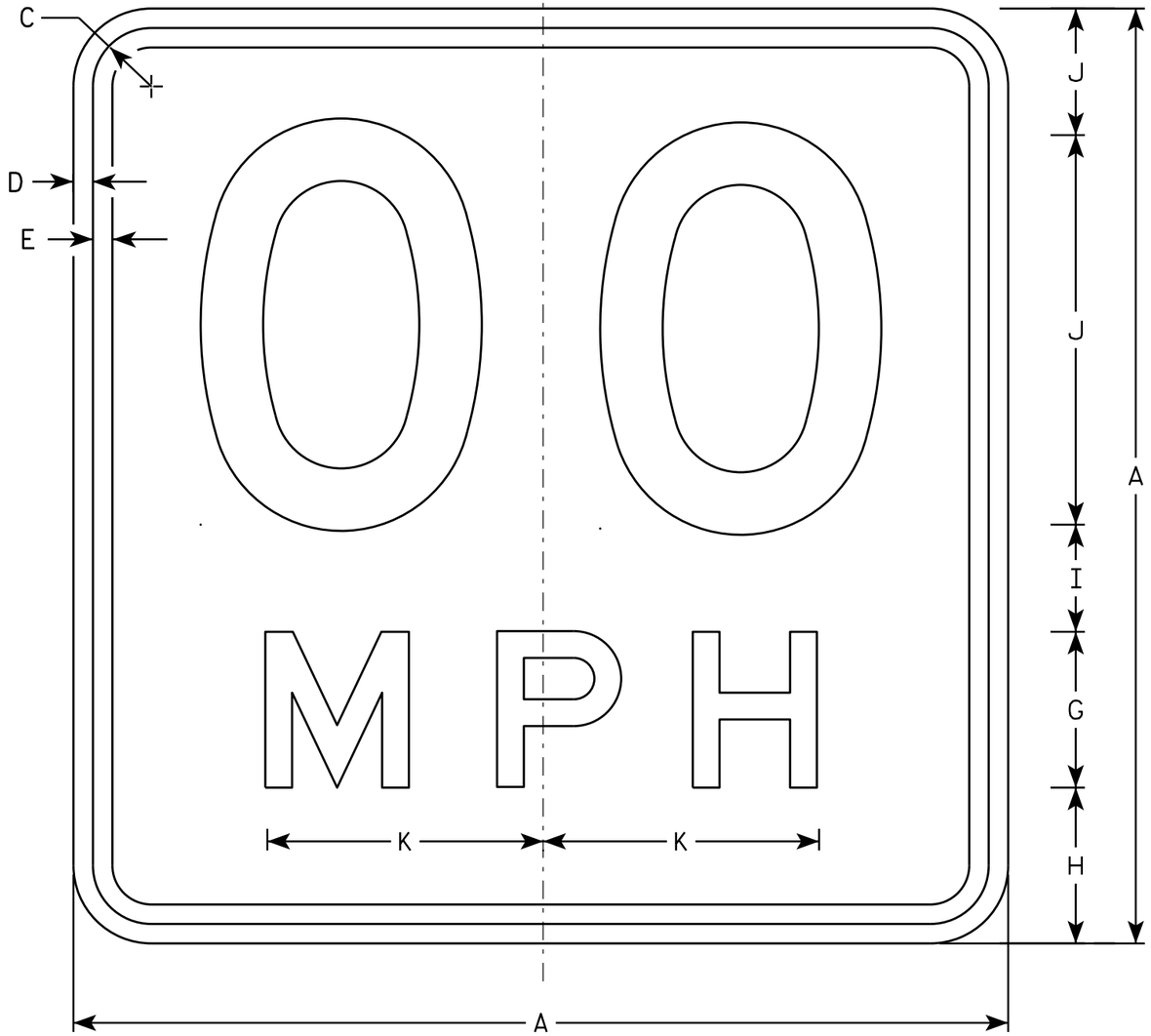
STANDARD SIGN
W06-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE 496 W06-3.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W013-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D
   Line 2 is Series E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	7 1/8																4.00
2S	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
2M	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
3	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

STANDARD SIGN
W013-1

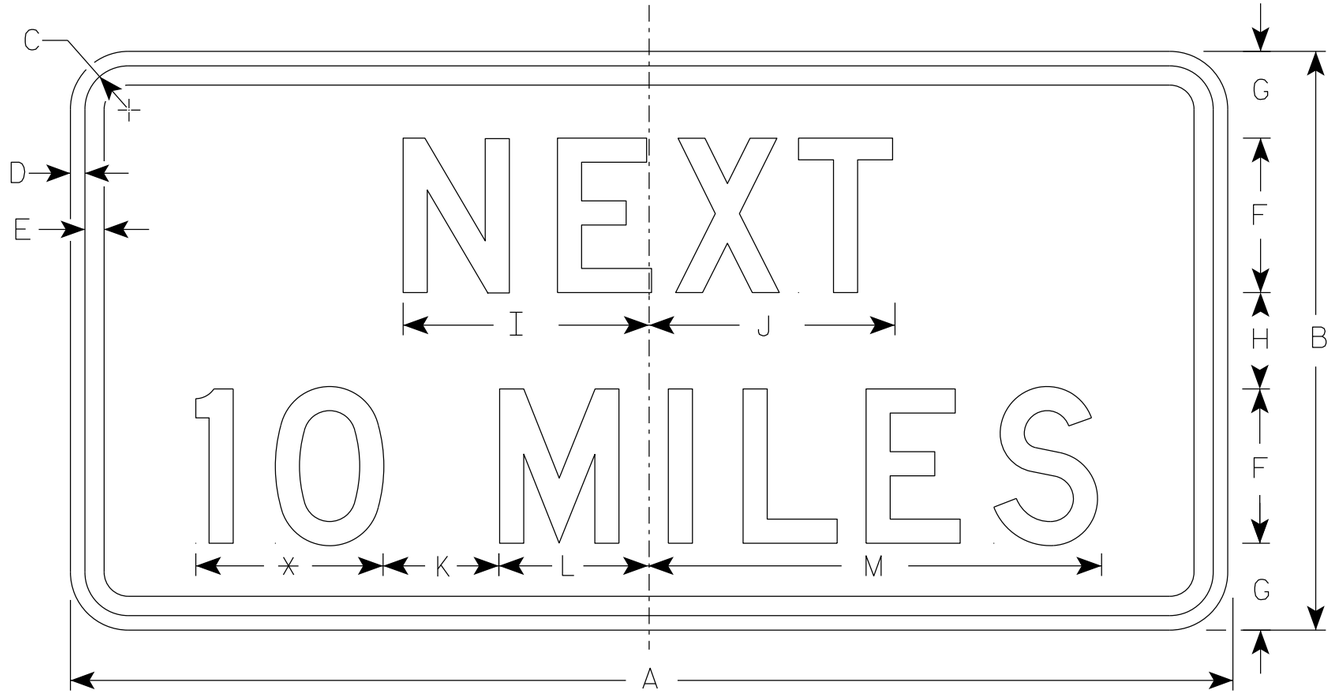
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/21/13 PLATE 497 W013-1.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W0131.DGN PLOT DATE : 02-DEC-2013 13:55 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 3.794391:1.000000
WISDOT/CADDS SHEET 42



W057-51

* See note 5

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Round distance to the nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/8	3/8	1/2	5	2 3/4	2 1/2	7 7/8	8	5	4 1/8	15 3/8														4.5
2S	48	24	1 3/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0
2M	48	24	1 3/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0
3	48	24	1 3/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0
4	48	24	1 3/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0
5	48	24	1 3/8	1/2	5/8	6	4	4	10	10 1/8	6	5 5/8	19														8.0

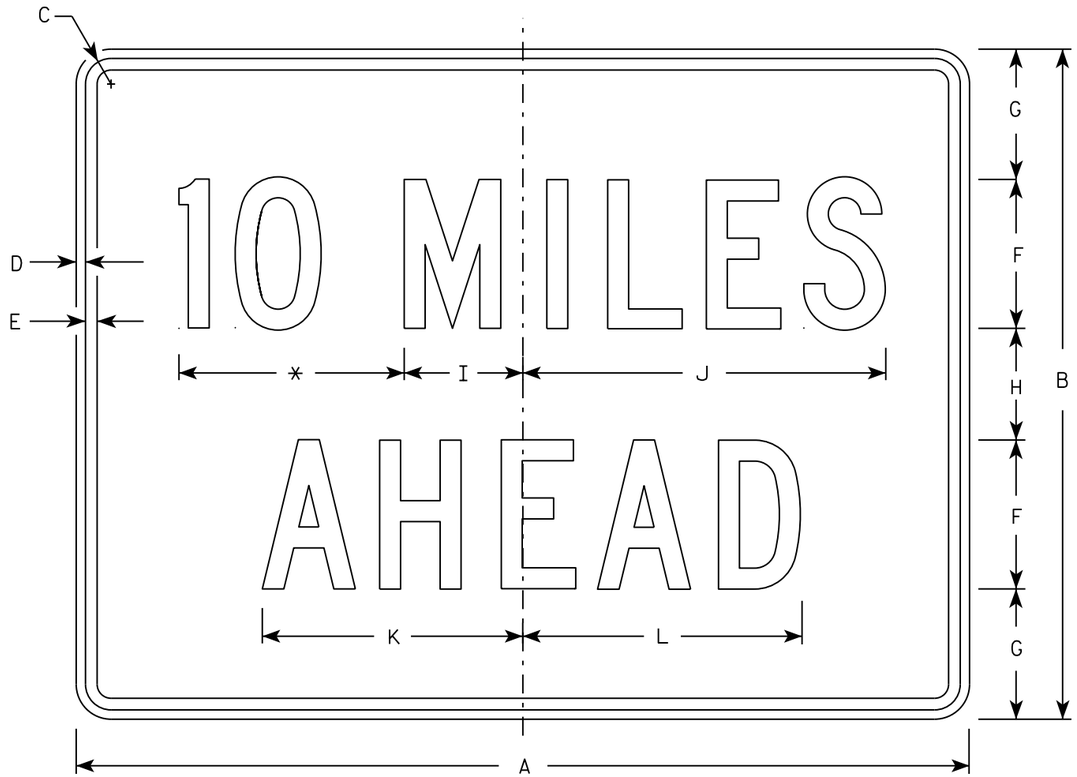
STANDARD SIGN
W057-51

WISCONSIN DEPT OF TRANSPORTATION

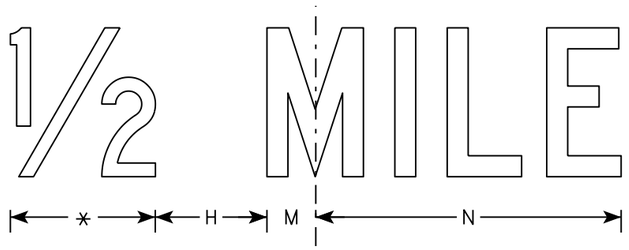
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/1/19 PLATE NO. W057-51.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 498 | E



W057-52



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to the nearest quarter mile and optically adjust spacing to achieve proper balance.

* See note 5

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	24	1 1/8	3/8	1/2	6	4 1/2	3	4 3/4	14 5/8	10 5/8	11 3/8	2	12													6.0
2S	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
2M	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
3	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
4	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
5	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0

STANDARD SIGN
W057-52

WISCONSIN DEPT OF TRANSPORTATION

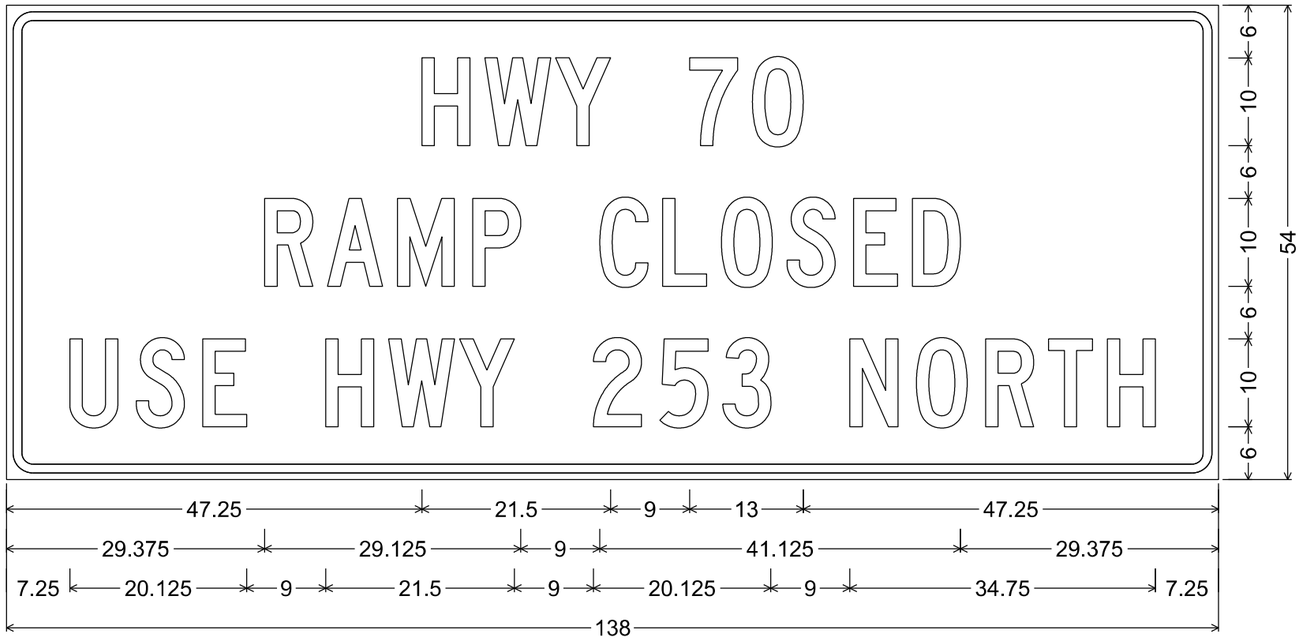
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/21/17 PLATE NO. W057-52.2

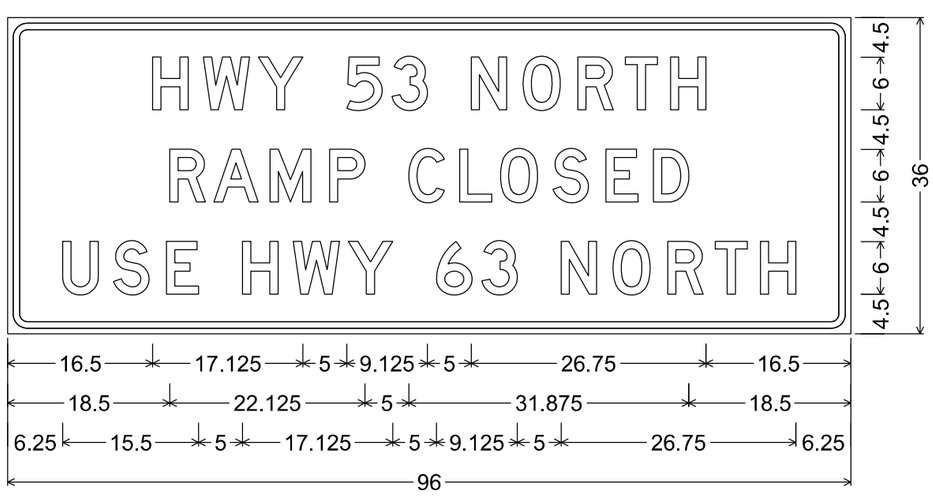
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 499	E

NOTES

1. Fixed Message Signs are Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C or as noted



3.000" Radius, 1.000" Border, 0.750" Indent

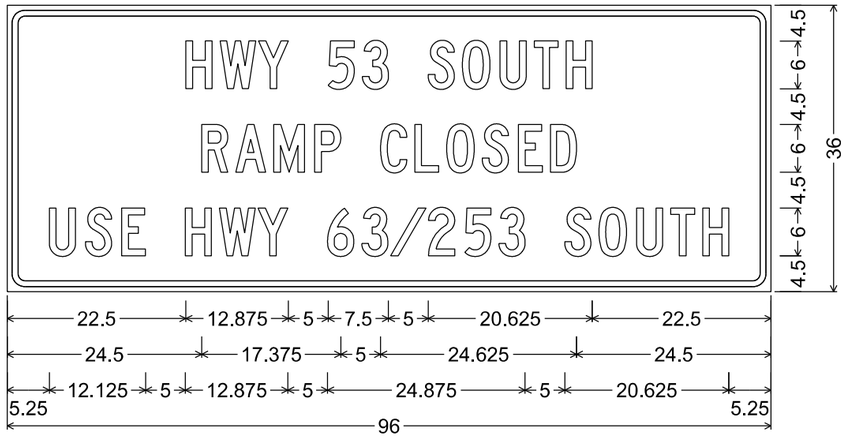


2.250" Radius, 0.750" Border, 0.625" Indent
"HWY", D; "53", D; "NORTH", D; "RAMP", D; "CLOSED", D; "USE", D;
"HWY", D; "63", D; "NORTH", D;

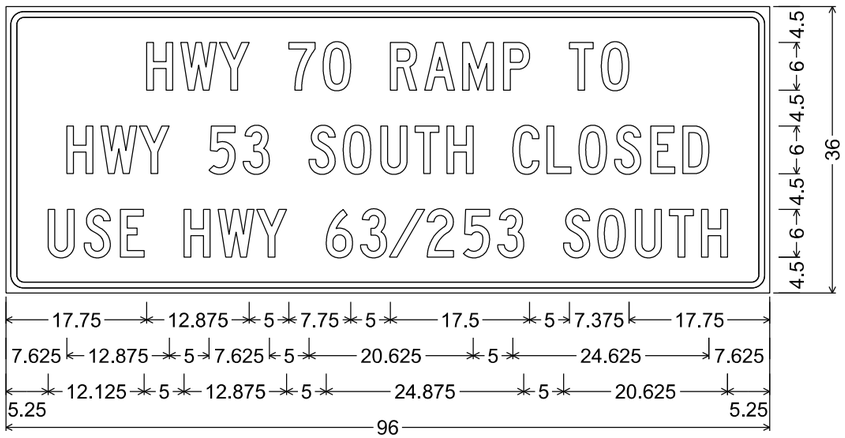
7

7

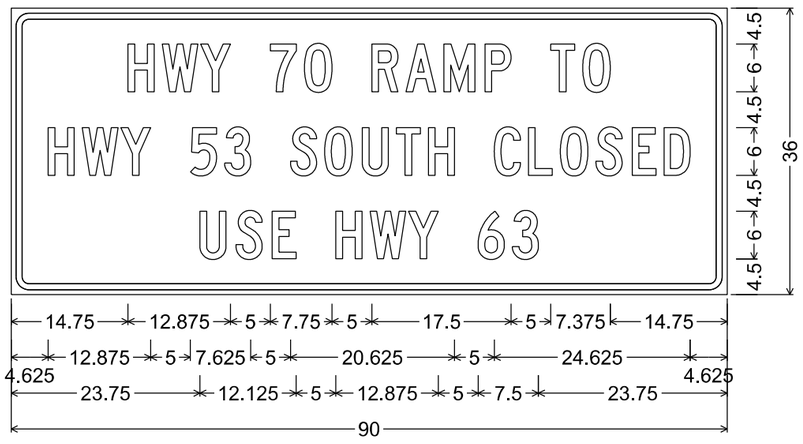
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	TEMPORARY SIGNING	SHEET NO: 500	E



2.250" Radius, 0.750" Border, 0.625" Indent



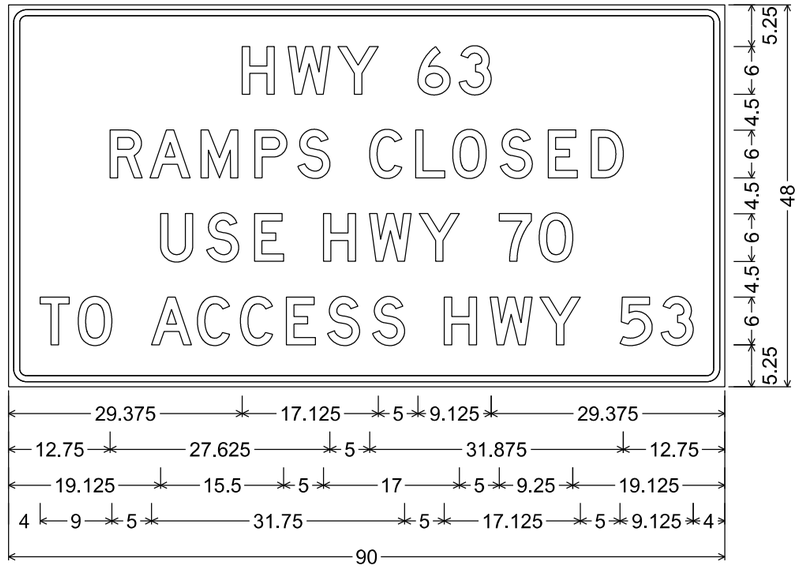
2.250" Radius, 0.750" Border, 0.625" Indent



2.250" Radius, 0.750" Border, 0.625" Indent

NOTES

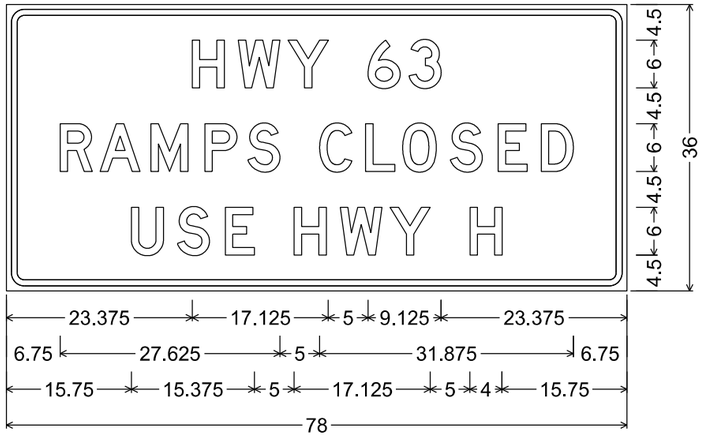
1. Fixed Message Signs are Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C or as noted



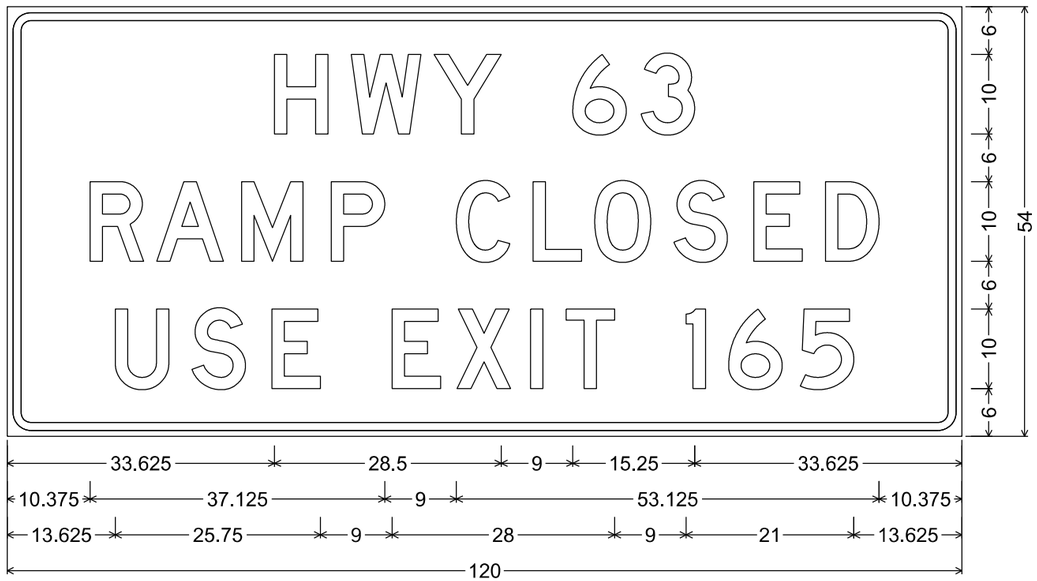
2.250" Radius, 0.750" Border, 0.625" Indent
"HWY", D; "63", D; "RAMPS", D; "CLOSED", D; "USE", D;
"HWY", D; "70", D; "TO", D; "ACCESS", D; "HWY", D; "53", D;

7

7



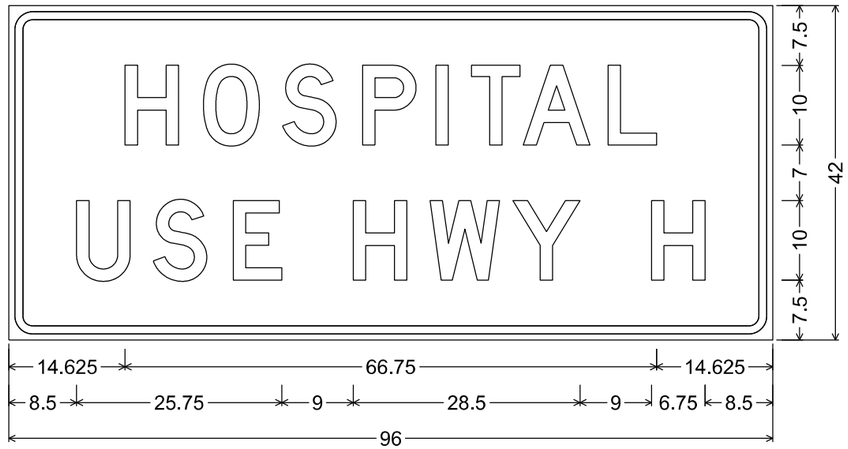
2.250" Radius, 0.750" Border, 0.625" Indent



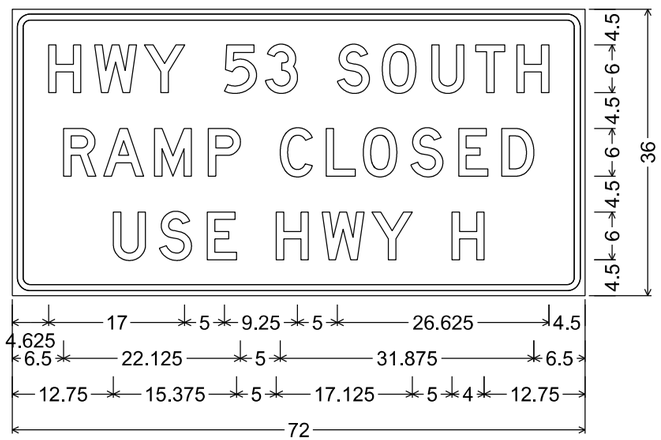
3.000" Radius, 1.000" Border, 0.750" Indent

NOTES

1. Fixed Message Signs are Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D



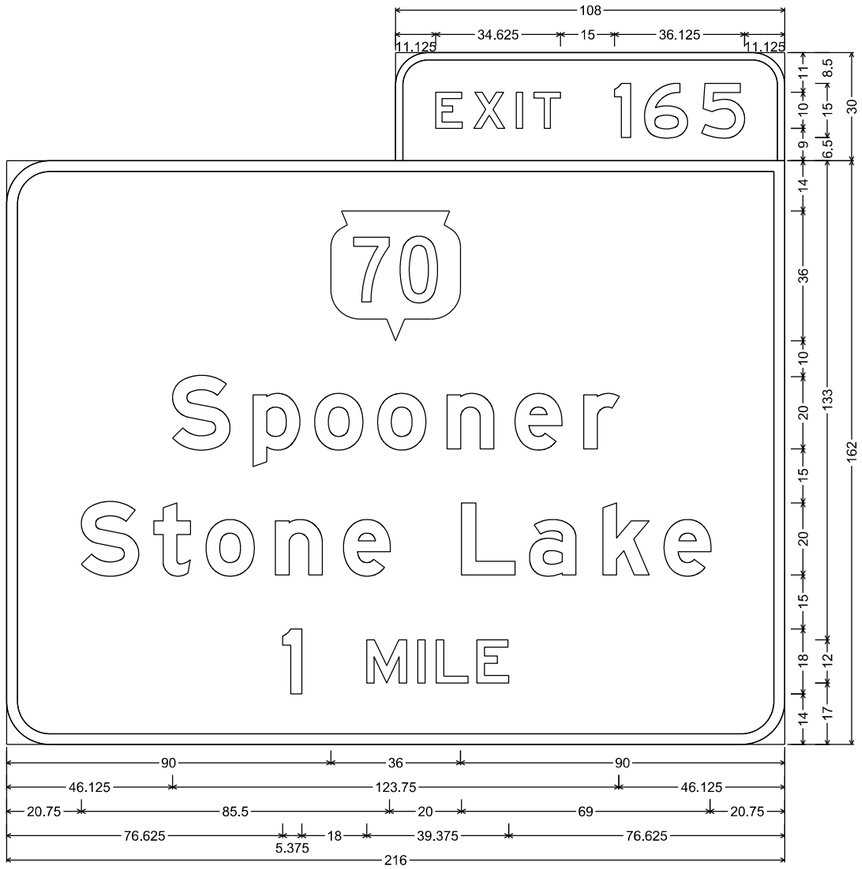
3.000" Radius, 1.000" Border, 0.750" Indent



2.250" Radius, 0.750" Border, 0.625" Indent

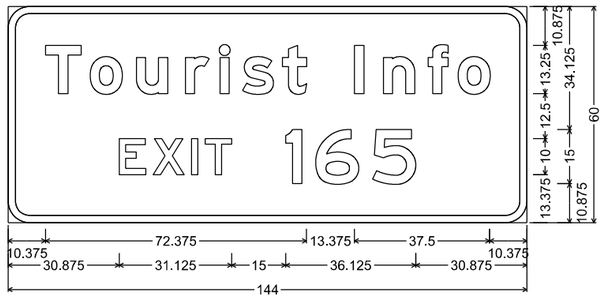
NOTES

1. All Signs Type I - Type SH Reflective
2. Color:
   Background - Green except as noted
   Message - White
3. Message Series - E Modified except all CAP words Series E



E1-5P; 9.000" Radius, 2.000" Border
E1-1A; 12.000" Radius, 3.000" Border

D2-3; 9.000" Radius, 2.000" Border



E3-1; 6.000" Radius, 2.000" Border, White on, Blue;

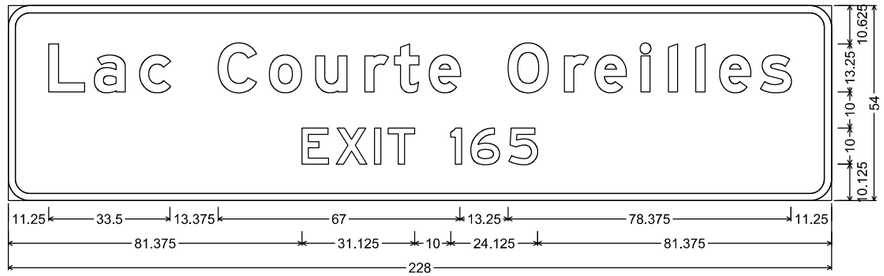
7

7

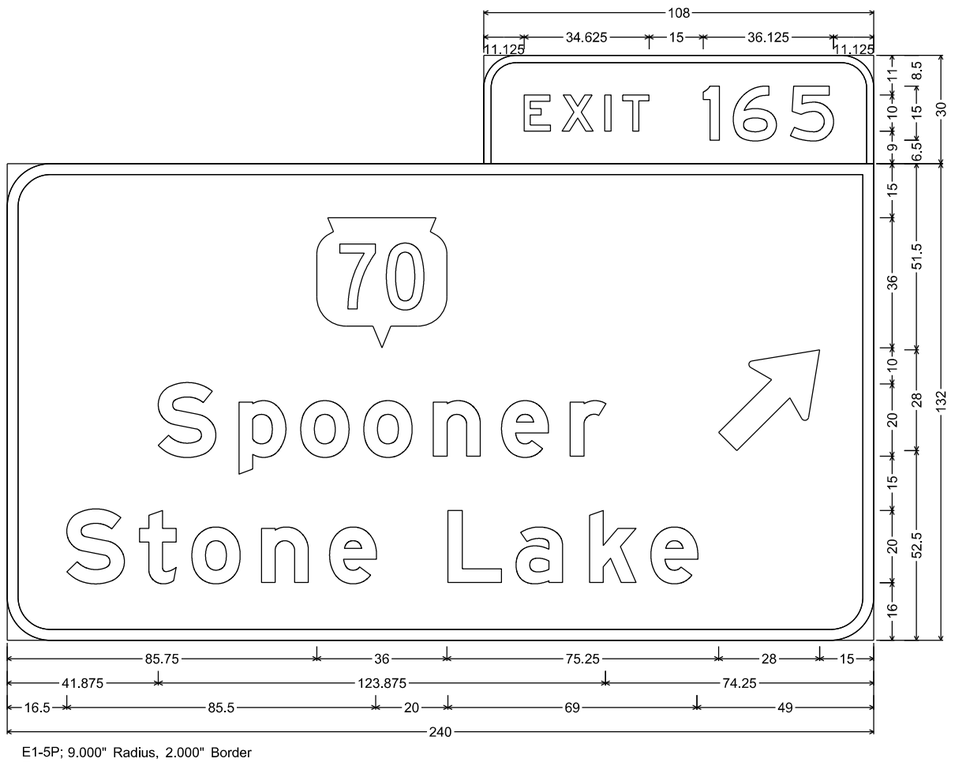
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASBURN	PERMANENT SIGNING	SHEET NO: 503	E

NOTES

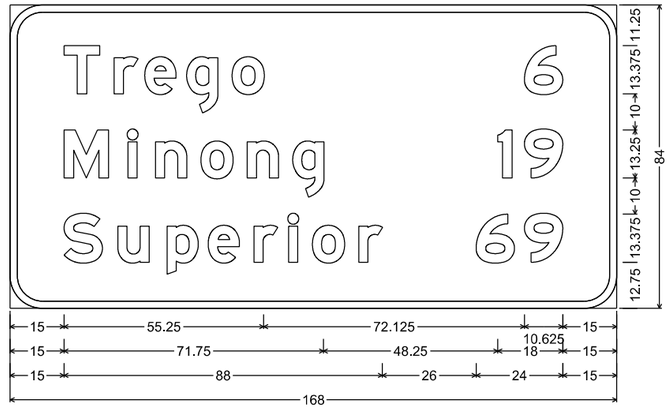
1. All Signs Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except all CAP words Series E



E9-1; 6.000" Radius, 2.000" Border



E1-5P; 9.000" Radius, 2.000" Border
E4-1A; 12.000" Radius, 3.000" Border



D2-3; 9.000" Radius, 2.000" Border

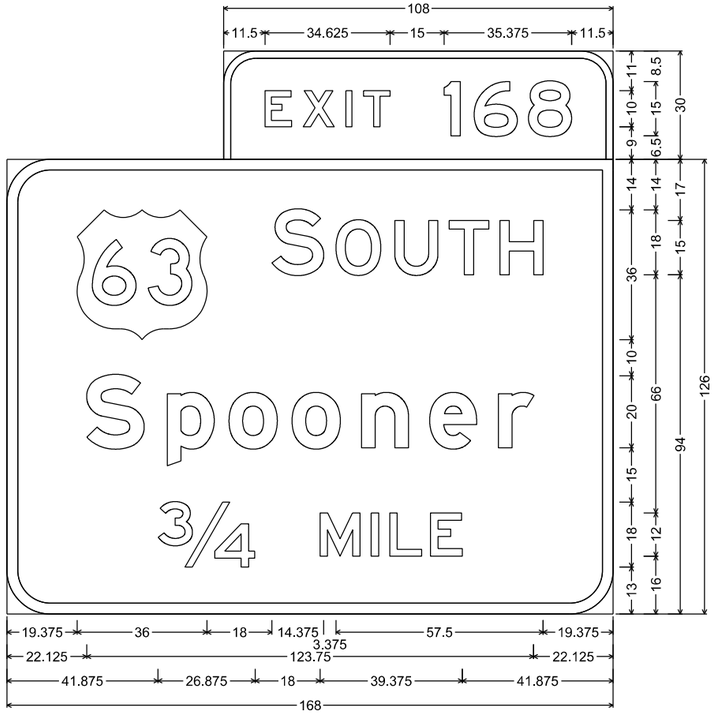
7

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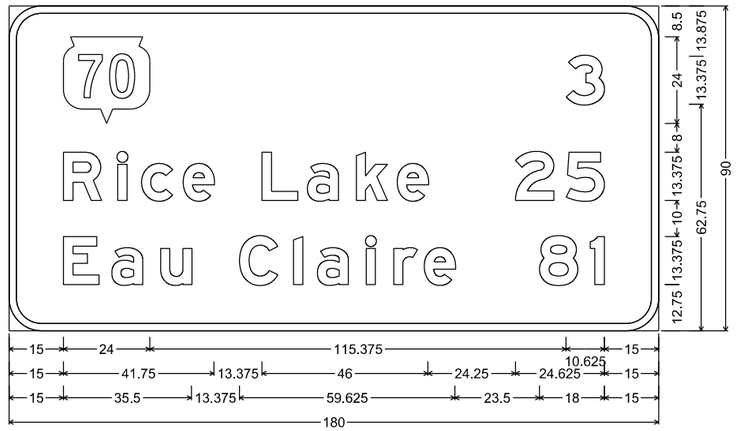
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASBURN	PERMANENT SIGNING	SHEET NO: 504	E

NOTES

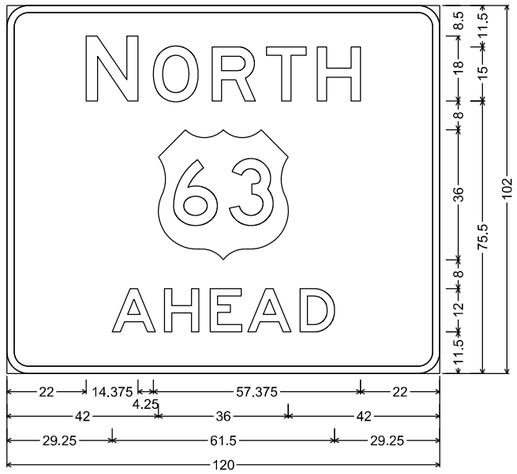
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2. Color:
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   Message - White
3. Message Series - E Modified except all CAP words Series E



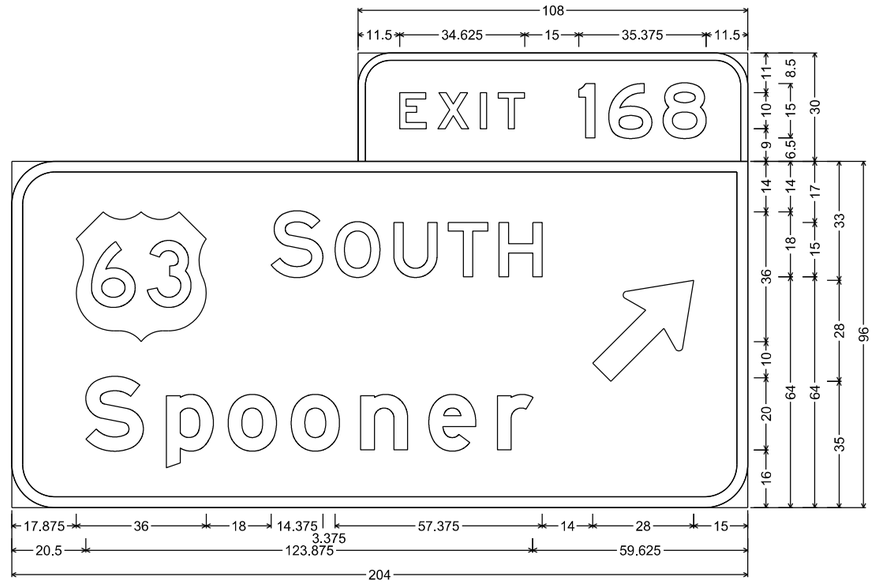
E1-5P; 9.000" Radius, 2.000" Border
E1-1A; 12.000" Radius, 3.000" Border



D2-3; 9.000" Radius, 2.000" Border



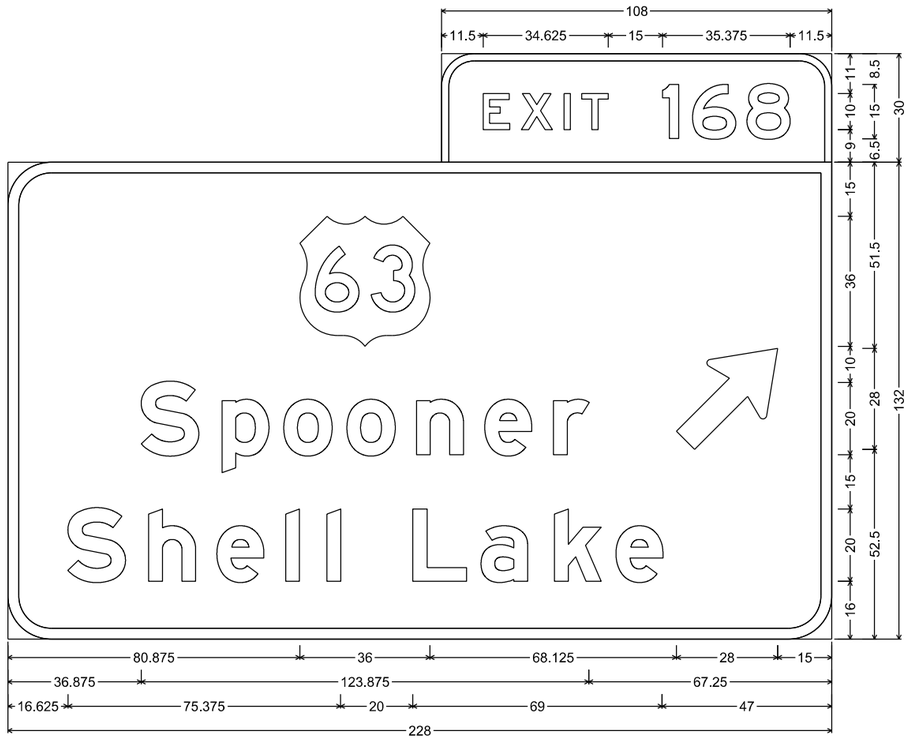
6.000" Radius, 2.000" Border



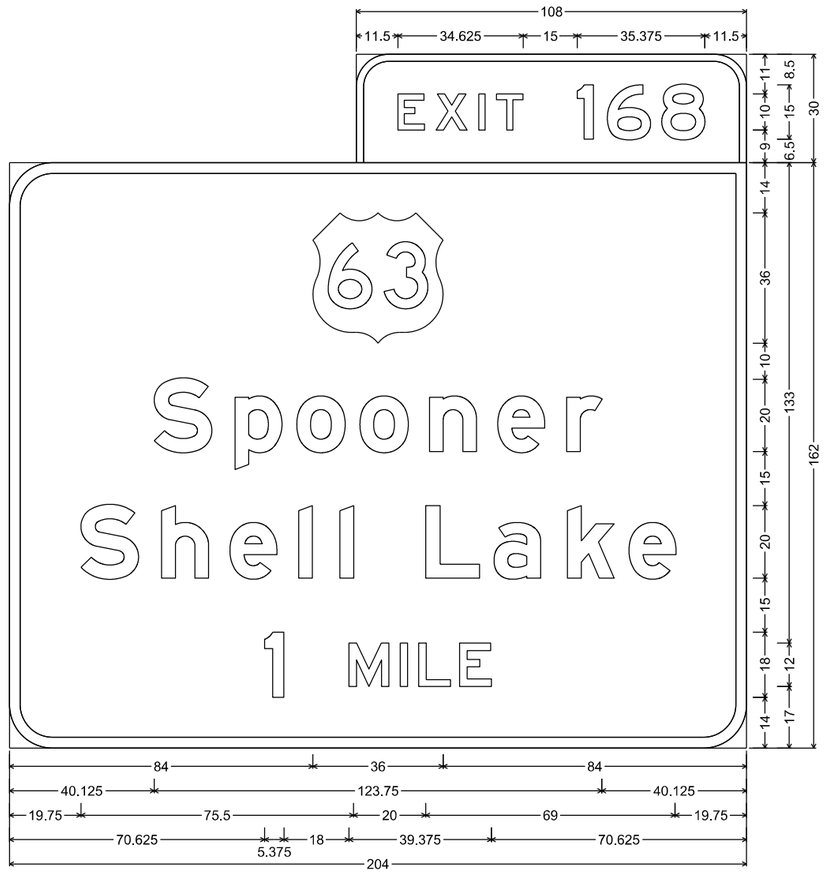
E1-5P; 9.000" Radius, 2.000" Border
E4-1A; 12.000" Radius, 3.000" Border

NOTES

1. All Signs Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except all CAP words Series E



E1-5P; 9.000" Radius, 2.000" Border
E4-1A; 12.000" Radius, 3.000" Border



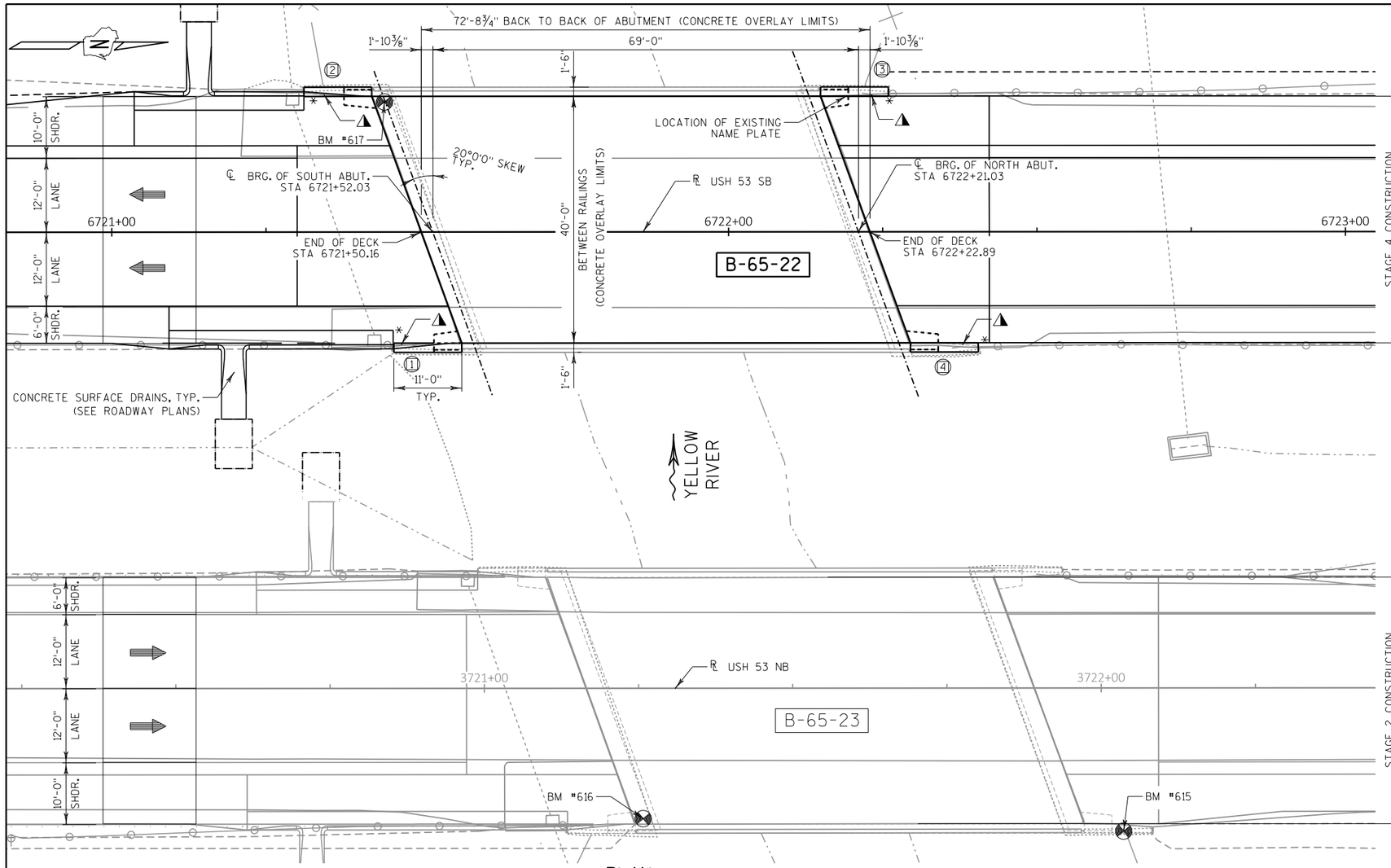
E1-5P; 9.000" Radius, 2.000" Border
E1-1A; 12.000" Radius, 3.000" Border

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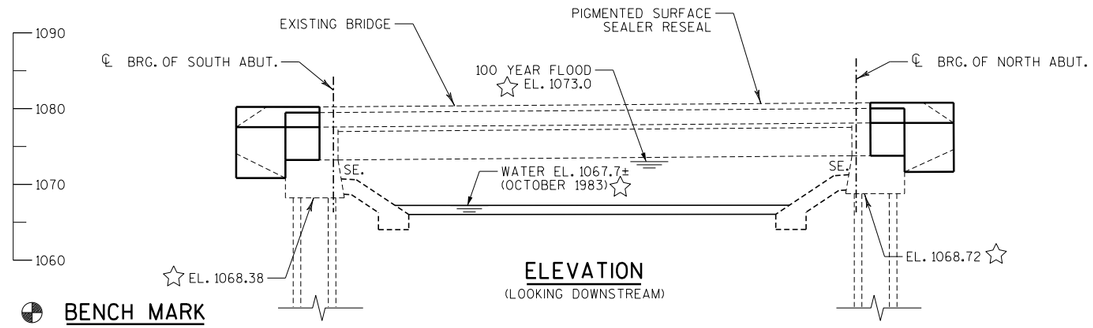
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASBURN	PERMANENT SIGNING	SHEET NO: 506	E

STATE PROJECT NUMBER
1197-18-78



PLAN

SINGLE SPAN-45" PRESTRESSED GIRDERS
CONCRETE OVERLAY



ELEVATION

(LOOKING DOWNSTREAM)

BENCH MARK

NO.	STATION	OFFSET	DESCRIPTION	ELEV.
615	3722+03.62 USH 53 NB	23.18' (RT)	BRASS DISK IN CONCRETE WINGWALL	1082.39
616	3721+25.71 USH 53 NB	21.12' (RT)	ALUMINUM CAP IN BRIDGE DECK	1079.08
617	6721+44.20 USH 53 SB	21.10' (LT)	ALUMINUM CAP IN BRIDGE DECK	1077.84

NOTES

(X) DENOTES WINGWALL NUMBER

* THRIE BEAM RAIL ATTACHMENT

◭ REMOVE AND REPLACE WINGWALLS.

☆ ELEVATIONS FROM EXISTING 1986 PLANS.

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HS-20
INVENTORY RATING: HS-24
OPERATING RATING: HS-41
WISCONSIN STD. PERMIT VEHICLE (WIS-SPV) = 250 KIPS

MATERIAL PROPERTIES:

CONCRETE MASONRY (WINGWALLS) _____ f'c = 3,500 psi
CONCRETE MASONRY (PARAPETS) _____ f'c = 4,000 psi
CONCRETE MASONRY OVERLAY _____ f'c = 4,000 psi
HIGH STRENGTH BAR STEEL REINFORCEMENT____ fy = 60,000 psi

TRAFFIC DATA

USH 53 SB
ADT = 3,345 (2024)
ADT = 3,850 (2044)
RDS = 65 M.P.H.

LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION
2. TYPICAL SECTION AND QUANTITIES
3. SOUTH ABUTMENT WINGWALL DETAILS
4. NORTH ABUTMENT WINGWALL DETAILS
5. SLOPED FACE PARAPET 'B'

WISCONSIN
JOSHUA R. MITCHELL
E-46242-6
MILWAUKEE, WI
PROFESSIONAL ENGINEER
10/17/22

STRUCTURE DESIGN CONTACTS

BRIDGE OFFICE: AARON BONK (608) 261-0261
CONSULTANT: JOSH MITCHELL (414) 939-7023

NO.	DATE	REVISION	BY

emcs inc
1300 W. Canal Street, Suite 200
Milwaukee, WI 53233
414.347.1607 Fax 414.347.1347

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ SDR 11/15/22
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-65-22

USH 53 SB OVER YELLOW RIVER

COUNTY	TOWN
WASHBURN	SPOONER

DESIGN SPEC. REHABILITATION N/A

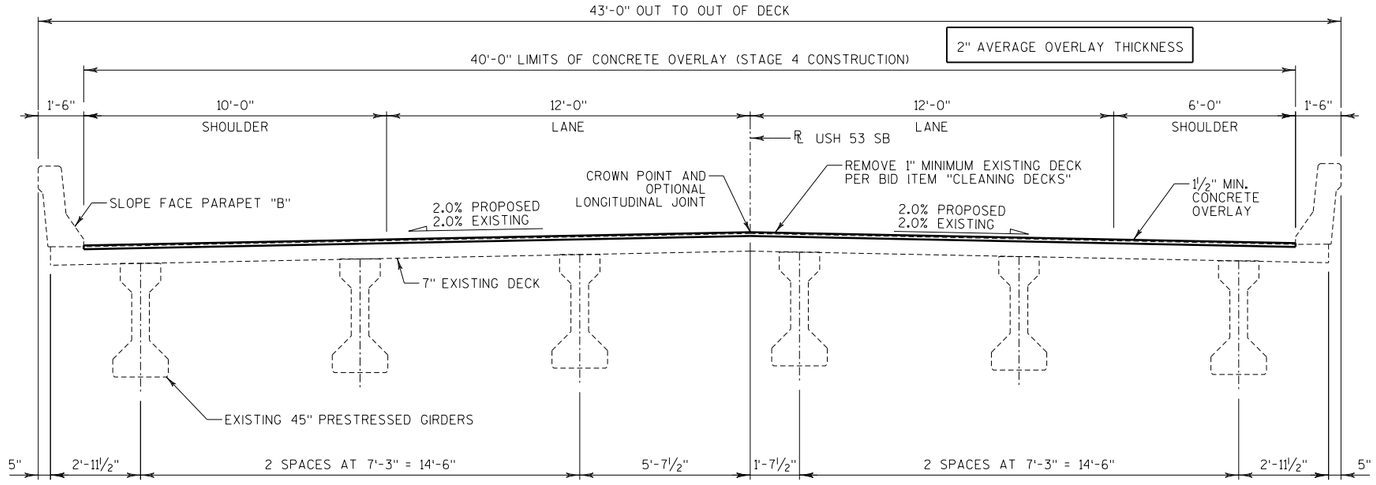
DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
JRM	MDR	JRM	MDR

GENERAL PLAN & ELEVATION

SHEET 1 OF 5
507

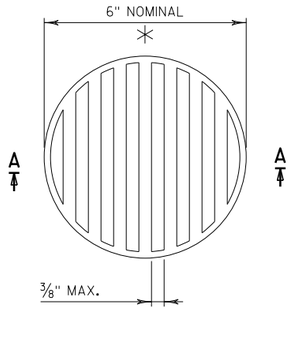
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TYPICAL SECTION THRU USH 53 SB

LOOKING NORTH

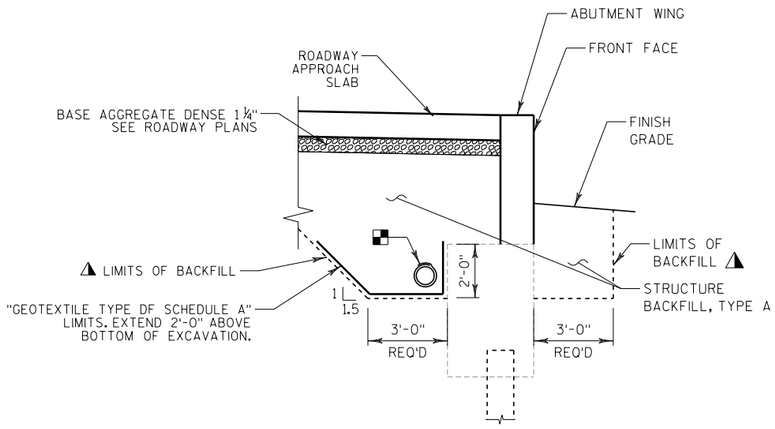


SECTION A-A

RODENT SHIELD

TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEMS	UNIT	TOTAL
203.0260	REMOVING STRUCTURE OVER WATERWAY MINIMAL DEBRIS B-65-22	EACH	1
206.1001	EXCAVATION FOR STRUCTURES BRIDGES B-65-22	EACH	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	163
502.0100	CONCRETE MASONRY BRIDGES	CY	17
502.3200	PROTECTIVE SURFACE TREATMENT	SY	340
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	77
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	36
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	2,523
509.0301	PREPARATION DECKS TYPE 1	SY	58
509.0302	PREPARATION DECKS TYPE 2	SY	29
509.0500	CLEANING DECKS	SY	324
◥ 509.1500	CONCRETE SURFACE REPAIR	SF	1
509.2000	FULL-DEPTH DECK REPAIR	SY	1
509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	23
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	6
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	88
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	4
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	40
	NON-BID ITEMS		
	FILLER	SIZE	1/2"
	NAME PLATE		



SECTION THRU WING

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

ALL STATIONS AND ALL ELEVATIONS ARE IN FEET. ELEVATIONS REFERENCED TO NAVD 88.

SEAL OVERLAY CONSTRUCTION JOINTS ACCORDING TO SECTION 502.3.13.1 OF THE STANDARD SPECIFICATION. COST IS CONSIDERED INCLUDED IN BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

A MINIMUM OF 1" OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER BID ITEM "CLEANING DECKS".

PREPARATION DECKS TYPE 1, TYPE 2, AND FULL DEPTH DECK REPAIR ARE BASED ON THE PLANS AND AS DETERMINED BY THE FIELD ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY OVERLAY DECKS".

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 1½" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. EXPECTED AVERAGE OVERLAY THICKNESS IS 2". THE AVERAGE OVERLAY THICKNESS IS BASED ON THE MINIMUM OVERLAY THICKNESS PLUS 1/2-INCH TO ACCOUNT FOR VARIATIONS IN THE DECK SURFACE. IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION.

ALL CONCRETE REMOVAL NOT COVERED WITH CONCRETE OVERLAY SHALL BE DEFINED BY A 1" DEEP SAW CUT.

PIGMENTED SURFACE SEALER RESEAL WILL BE APPLIED TO THE TOPS AND INSIDE FACES OF THE PARAPETS FROM END OF WINGWALL TO END OF WINGWALL. SURFACE PREPARATION IS INCLUDED IN THE BID ITEM " PIGMENTED SURFACE SEALER RESEAL".

PROTECTIVE SURFACE TREATMENT WILL BE APPLIED TO THE TOP AND VERTICAL FACE OF THE PAVING NOTCHES AND TO THE TO THE ENTIRE TOP SURFACE OF THE NEW CONCRETE OVERLAY.

◥ CONCRETE SURFACE REPAIR QUANTITIES ARE AN ESTIMATE ONLY. ACTUAL QUANTITIES TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE FIELD ENGINEER.

CONTAIN ANY DEBRIS FROM SURFACE REPAIR AREAS FROM FULL DEPTH DECK REPAIR UNDER BID ITEM "REMOVING OLD STRUCTURE OVER WATERWAY WITH MINIMAL DEBRIS B-65-22". BID ITEM ALSO INCLUDES REMOVAL OF THE EXISTING WINGS.

THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 502.311 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS. NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-65-22" SHALL BE THE EXISTING GROUNDLINE.

◭ THE SLOPE OF THE FILL IN FRONT OF THE WINGWALLS SHALL BE COVERED WITH STRUCTURE BACKFILL MATERIAL TO THE EXTENT SHOWN ON SHEET 1 AND THE WINGWALL DETAILS.
BACKFILL PAY LIMITS. THE BACKFILL QUANTITIES ARE BASED ON THE PAY LIMITS SHOWN ON THE PLANS AND MAY NOT REFLECT ACTUAL PLACED QUANTITIES. "BACKFILL STRUCTURE TYPE A" REQUIRED DIRECTLY BEHIND ABUTMENTS AND ABUTMENT WINGS FOR 3 FEET. BACKFILL PLACED BEYOND PAY LIMITS OR EXCEEDING PLAN QUANTITIES SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES.

◪ PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAILS.

✳ DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD PIPE COUPLING AND SCREWS SHALL BE INCLUDED WITH THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

STATE PROJECT NUMBER

1197-18-78

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-22

DRAWN BY JRM | PLANS CK'D. MDR

TYPICAL SECTION & QUANTITIES

SHEET 2 OF 5

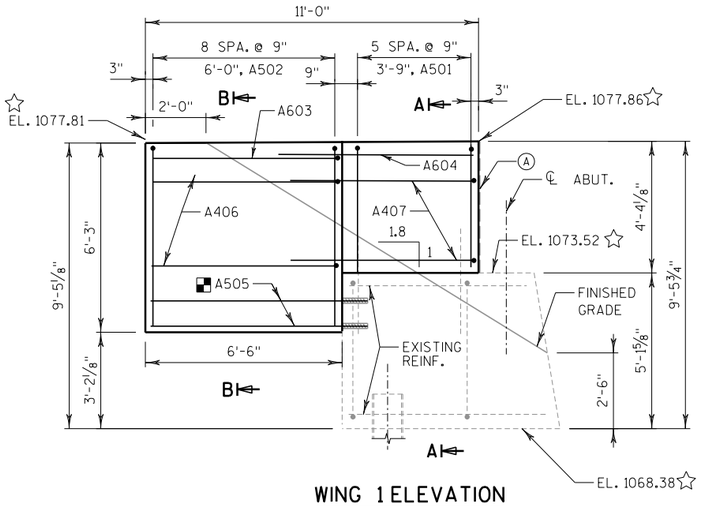
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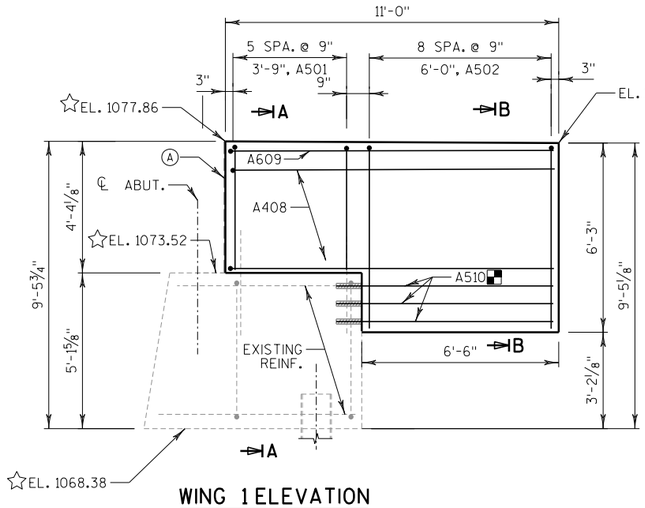
STATE PROJECT NUMBER

1197-18-78



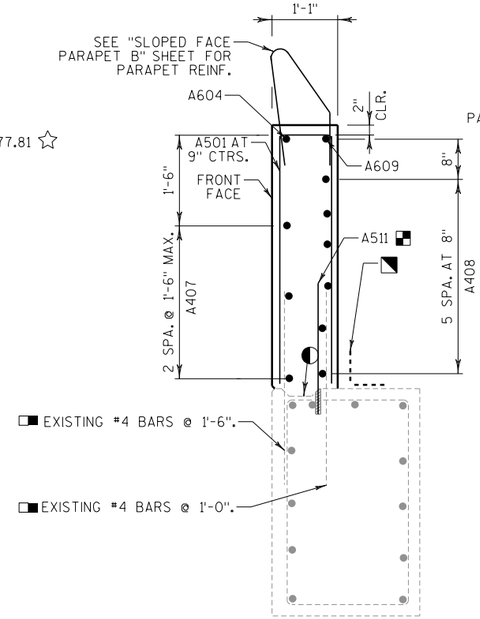
WING 1 ELEVATION

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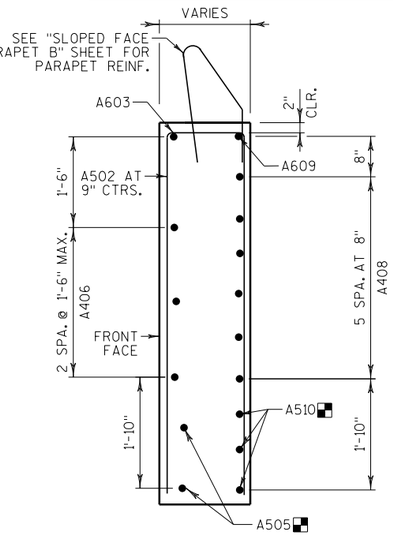


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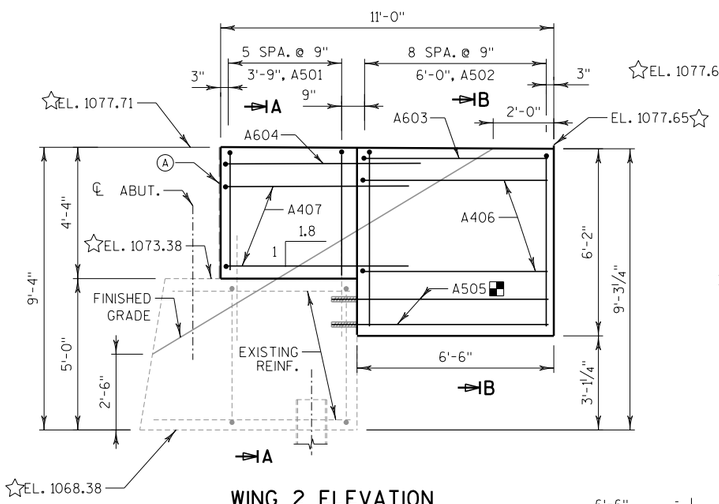
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SECTION A

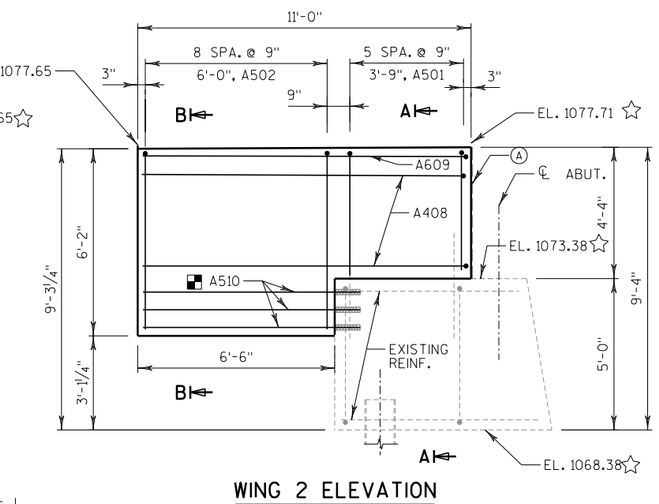


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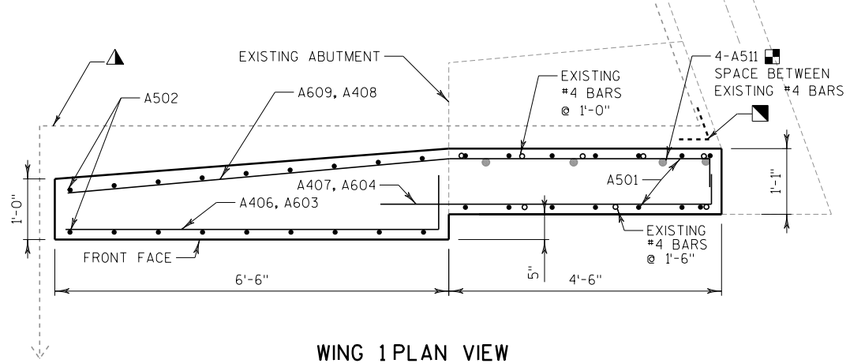
WING 2 ELEVATION

(FRONT FACE, LOOKING EAST)



WING 2 ELEVATION

(BACK FACE, LOOKING WEST)



WING 1 PLAN VIEW

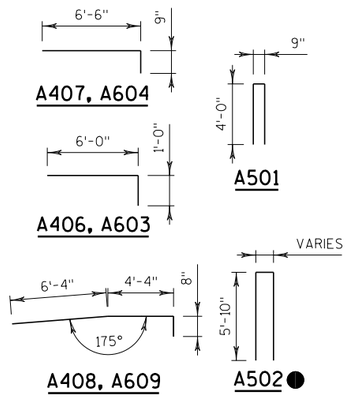
(WING 2 SIMILAR)

BILL OF BARS

BAR MARK	COAT	NO.	LENGTH	BENT	LOCATION
A501	X	24	8'-6"	X	WING STIRRUPS
A502	X	36	12'-4"	X	WING STIRRUPS
A603	X	4	6'-10"	X	WING TOP FF
A604	X	4	7'-1"	X	WING TOP FF
A505	X	8	6'-10"		WING BOTTOM FF
A406	X	12	6'-11"	X	WING HORIZ. FF
A407	X	12	7'-2"	X	WING HORIZ. FF
A408	X	24	11'-3"	X	WING HORIZ. BF
A609	X	4	11'-0"	X	WING HORIZ. TOP BF
A510	X	12	6'-10"		WING BOTTOM BF
A511	X	16	2'-6"		WING DOWELL

BAR SERIES ●

MARK	NO. REQUIRED	LENGTH
A502	4 SERIES OF 9	12'-1" TO 12'-7"



LEGEND

- 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACKFACE.
- EXISTING CONST. JOINT
- Ⓐ ½" FILLER, SEALER. EXTEND TO TOP OF PARAPET
- 6" PERFORATED DRAIN PIPE. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. RODENT SHIELD TO BE INCLUDED IN BID PRICE OF "PIPE UNDERDRAIN WRAPPED 6-INCH".
- ☆ ELEVATIONS FROM EXISTING 1985 AS-BUILT PLANS.
- ADHESIVE ANCHORS NO. 5 BAR. EMBED 6" IN CONCRETE. ANCHORS SHALL BE APPROVED FOR USE IN CRACKED CONCRETE. PROVIDE 3¾" MINIMUM CLEARANCE FROM THE ANCHOR TO THE EDGE OF THE EXISTING CONCRETE.
- THE CONTRACTOR MUST PROTECT THE EXISTING REINFORCEMENT STEEL THAT REMAINS DURING DEMOLITION. REPLACEMENT OF ABUTMENT COMPONENTS DAMAGED DURING THE REMOVAL OF THE EXISTING WALL WILL BE THE CONTRACTORS RESPONSIBILITY AND REPLACED AT NO ADDITIONAL COST TO THE OWNER. UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-22

DRAWN BY JRM | PLANS CK'D. MDR

SOUTH ABUTMENT WINGWALL DETAILS

SHEET 3 OF 5

509

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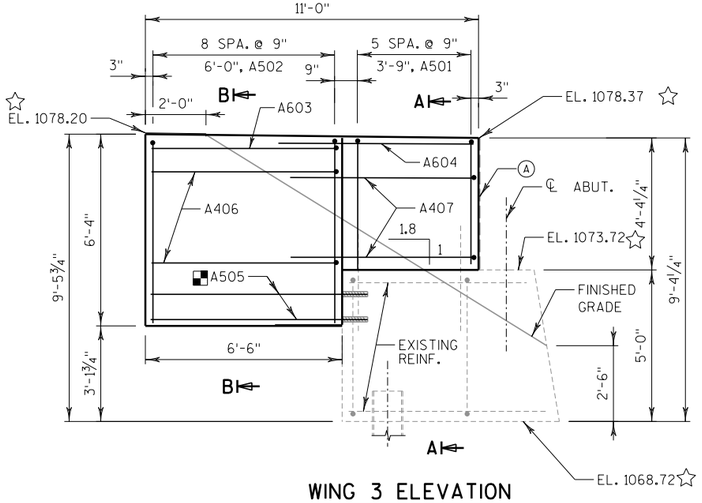
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PLOT DATE : 10/17/2022

PLOT BY : jrm

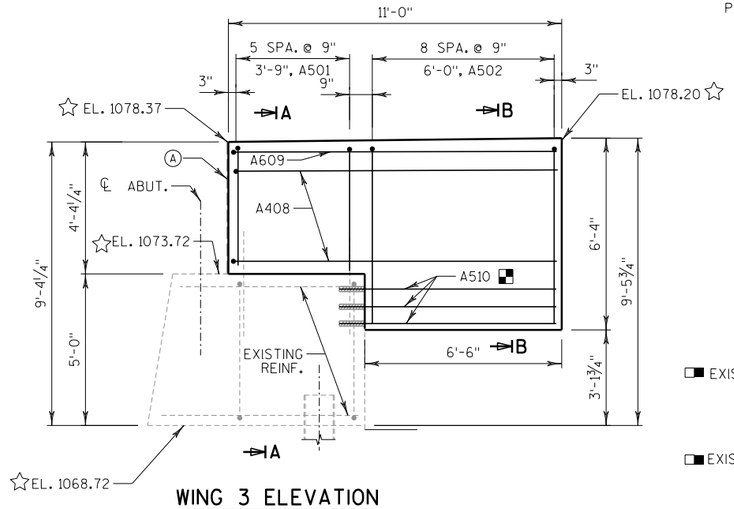
STATE PROJECT NUMBER

1197-18-78



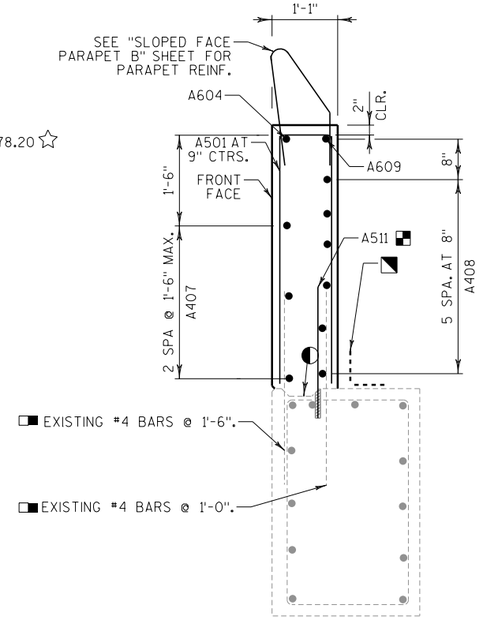
WING 3 ELEVATION

(FRONT FACE, LOOKING EAST)

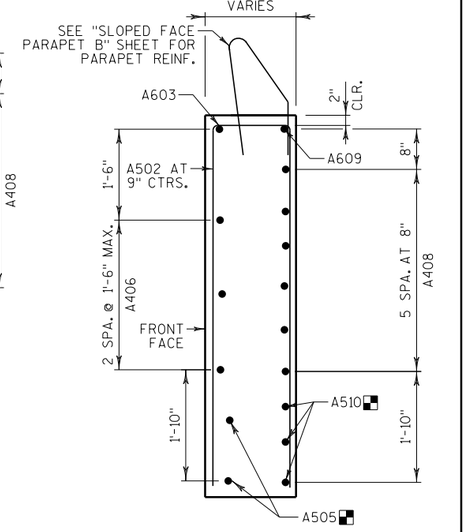


WING 3 ELEVATION

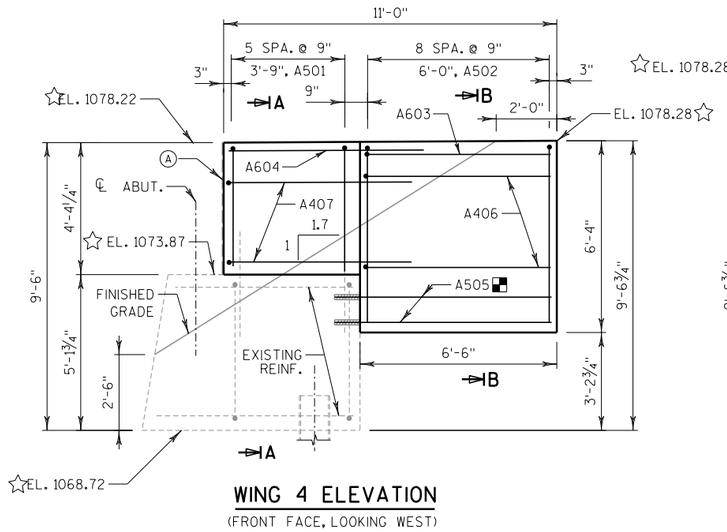
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SECTION A

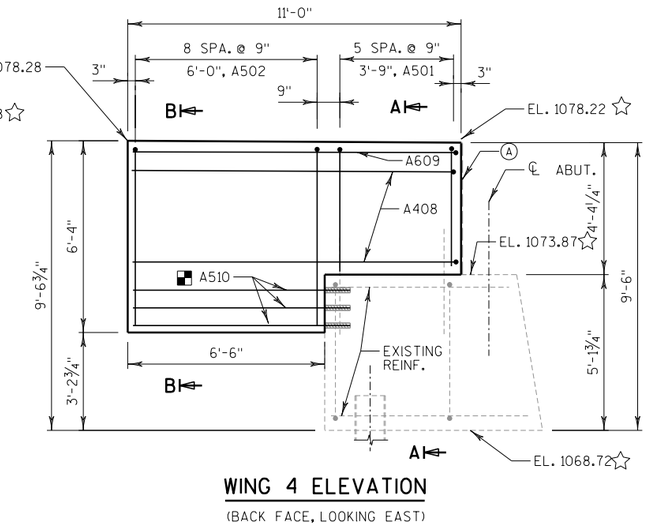


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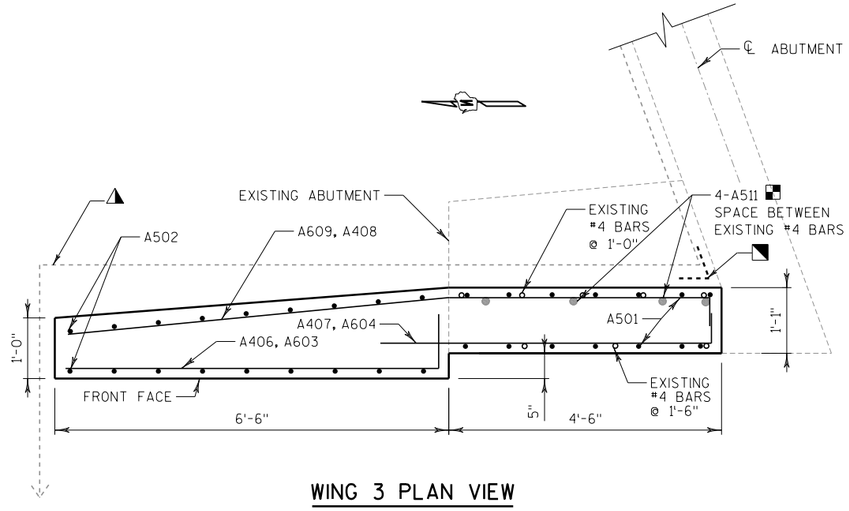
WING 4 ELEVATION

(FRONT FACE, LOOKING WEST)



WING 4 ELEVATION

(BACK FACE, LOOKING EAST)



WING 3 PLAN VIEW

(WING 4 SIMILAR)

LEGEND

- 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACKFACE.
- EXISTING CONST. JOINT
- (A) ½" FILLER, SEALER. EXTEND TO TOP OF PARAPET
- 6" PERFORATED DRAIN PIPE. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. RODENT SHIELD TO BE INCLUDED IN BID PRICE OF "PIPE UNDERDRAIN WRAPPED 6-INCH".
- ☆ ELEVATIONS FROM EXISTING 1985 AS-BUILT PLANS.
- ADHESIVE ANCHORS NO. 5 BAR. EMBED 6" IN CONCRETE. ANCHORS SHALL BE APPROVED FOR USE IN CRACKED CONCRETE. PROVIDE A MINIMUM OF 3 3/4" BETWEEN ANCHOR AND THE EDGE OF EXISTING CONCRETE.
- THE CONTRACTOR MUST PROTECT THE EXISTING REINFORCEMENT STEEL THAT REMAINS DURING DEMOLITION. REPLACEMENT OF ABUTMENT COMPONENTS DAMAGED DURING THE REMOVAL OF THE EXISTING WALL WILL BE THE CONTRACTORS RESPONSIBILITY AND REPLACED AT NO ADDITIONAL COST TO THE OWNER. UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

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DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-22

DRAWN BY JRM | PLANS CK'D. MDR

NORTH ABUTMENT WINGWALL DETAILS

SHEET 4 OF 5

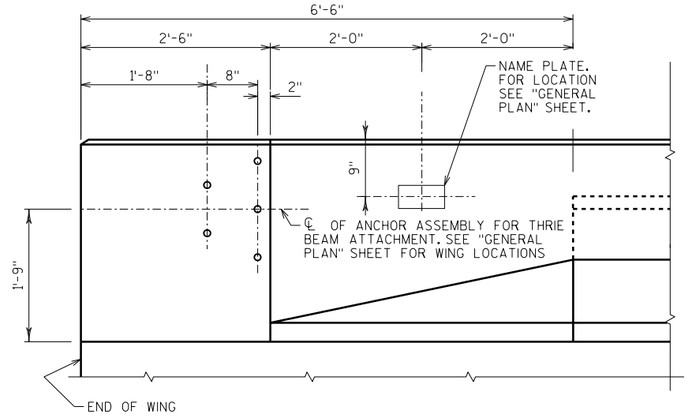
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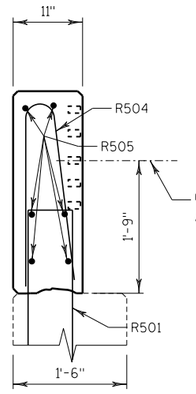
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STATE PROJECT NUMBER

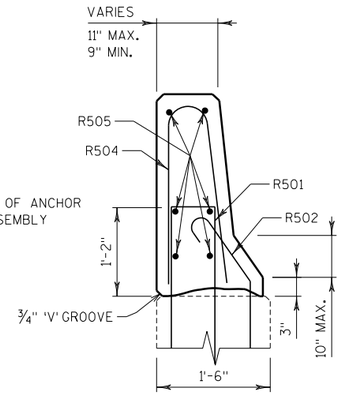
1197-18-78



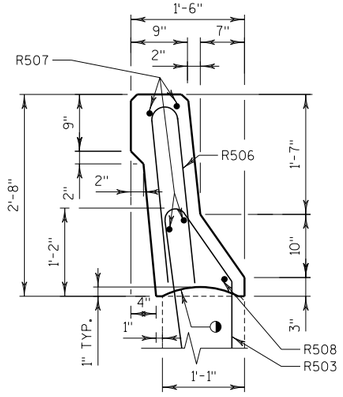
INSIDE ELEVATION



SECTION A



SECTION B

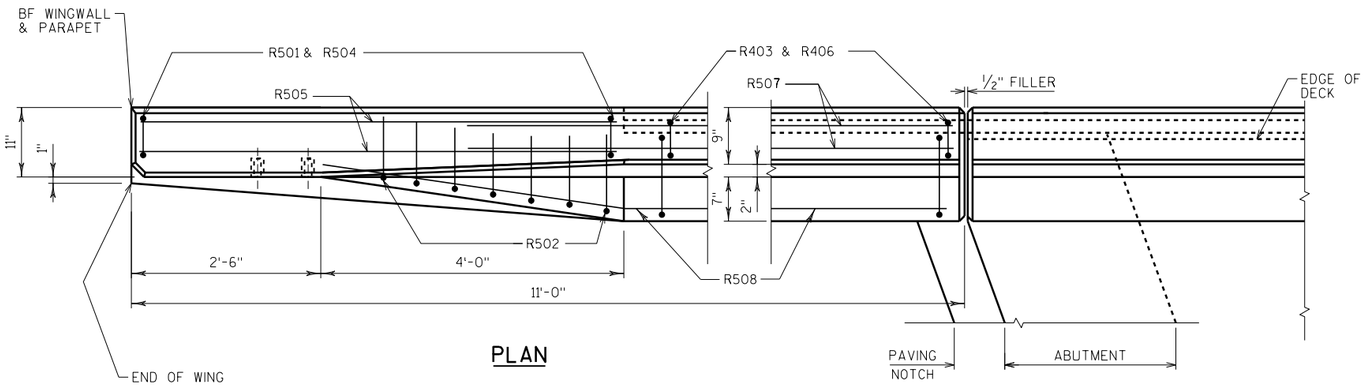


SECTION C

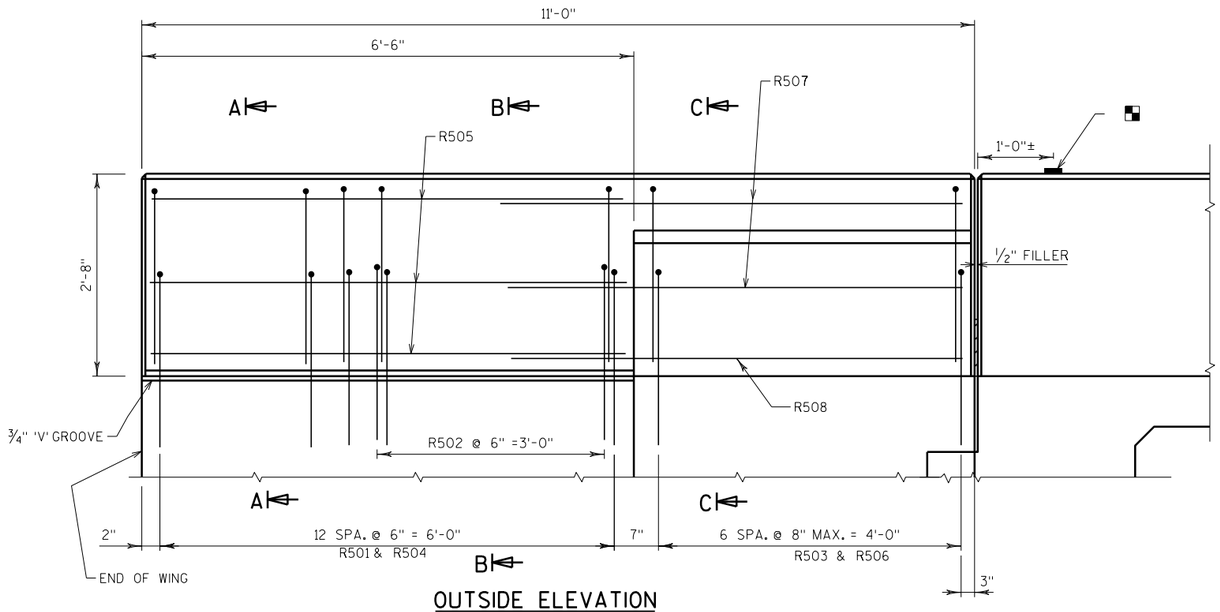
LEGEND

■ BENCH MARK CAP (WHEN SUPPLIED).

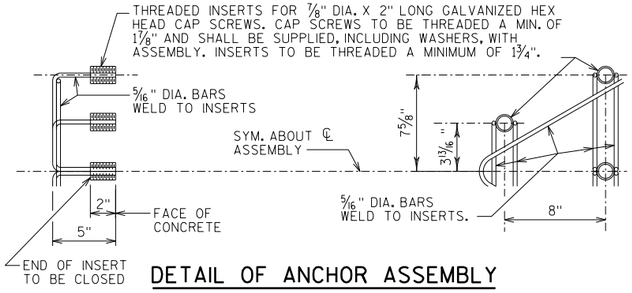
◑ CONSTRUCTION JOINT. STRIKE OFF AS SHOWN AND FINISH WITH WOODEN TROWEL.



PLAN



OUTSIDE ELEVATION



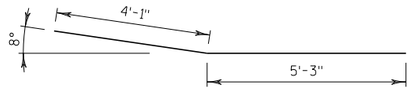
DETAIL OF ANCHOR ASSEMBLY

NOTE: HEX HEAD CAP SCREWS & WASHERS TO BE GALVANIZED IN ACCORDANCE WITH AASHTO M232 CLASS C.

ASSEMBLY SHALL BE BID ITEM "ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD", EACH.

BILL OF BARS

BAR MARK	COAT	NO.	LENGTH	BENT	LOCATION
R501	X	52	4'-11"	X	STIRRUPS SET INTO WING
R502	X	28	3'-1"	X	PARAPET VERTICAL
R503	X	28	4'-7"	X	STIRRUPS SET INTO WING
R504	X	52	5'-0"	X	PARAPET VERTICAL
R505	X	24	6'-2"		PARAPET HORIZONTAL
R506	X	28	4'-10"	X	PARAPET VERTICAL
R507	X	16	7'-4"		PARAPET HORIZONTAL
R508	X	4	9'-4"	X	PARAPET HORIZONTAL



R508

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-22

DRAWN BY JRM | PLANS CK'D. MDR

SLOPED FACE PARAPET 'B'

SHEET 5 OF 5

511

8

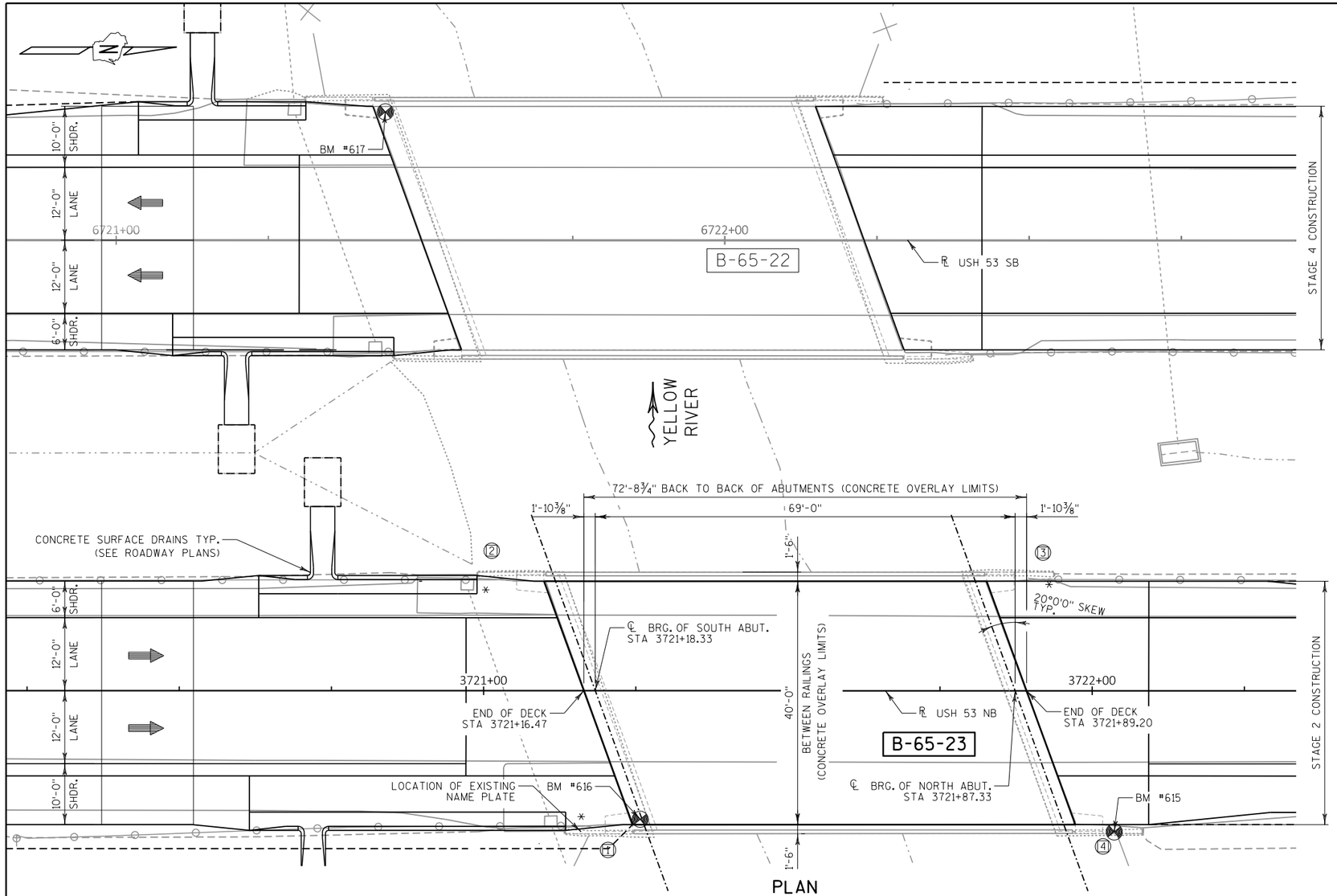
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FILE NAME : N:±50xx±5093.DP.18.USH53.BAR-WBN±09 STRUCTURES±B-65-22±Plan±080105_Parapets_B650022.dgn

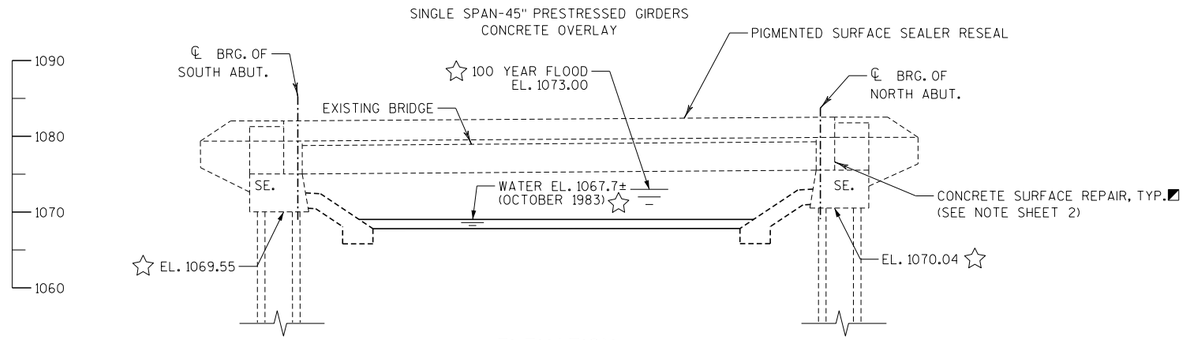
PLOT DATE : 10/17/2022

PLOT BY : jrm

STATE PROJECT NUMBER
1197-18-78



PLAN



ELEVATION
(LOOKING DOWNSTREAM)

BENCH MARK

NO.	STATION	OFFSET	DESCRIPTION	ELEV.
615	3722+03.62 USH 53 NB	23.18' (RT)	BRASS DISK IN CONCRETE WINGWALL	1082.39
616	3721+25.71 USH 53 NB	21.12' (RT)	ALUMINUM CAP IN BRIDGE DECK	1079.08
617	6721+44.20 USH 53 SB	21.10' (LT)	ALUMINUM CAP IN BRIDGE DECK	1077.84

NOTES

ⓧ DENOTES WINGWALL NUMBER

* THRIE BEAM RAIL ATTACHMENT

☆ ELEVATIONS FROM EXISTING 1986 AS-BUILTS

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HS-20
INVENTORY RATING: HS-24
OPERATING RATING: HS-41
WISCONSIN STD. PERMIT VEHICLE (WIS-SPV) = 250 KIPS

MATERIAL PROPERTIES:

CONCRETE MASONRY OVERLAY DECKS ____ f'c = 4,000 psi

TRAFFIC DATA

USH 53 NB
ADT = 3,345 (2024)
ADT = 3,850 (2044)
RDS = 65 M.P.H.

LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION
2. TYPICAL SECTION AND QUANTITIES

STRUCTURE DESIGN CONTACTS

BRIDGE OFFICE: AARON BONK (608) 261-0261
CONSULTANT: JOSH MITCHELL (414) 939-7023

WISCONSIN
JOSHUA R. MITCHELL
E-46242-6
MILWAUKEE, WI
PROFESSIONAL ENGINEER
10/17/22

NO.	DATE	REVISION	BY

emcs inc
1300 W. Canal Street, Suite 200
Milwaukee, WI 53233
414.347.1607 Fax 414.347.1347

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED SDR 11/15/22
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-65-23

USH 53 NB OVER YELLOW RIVER

COUNTY	TOWN
WASHBURN	SPOONER

DESIGN SPEC.	
REHABILITATION	N/A

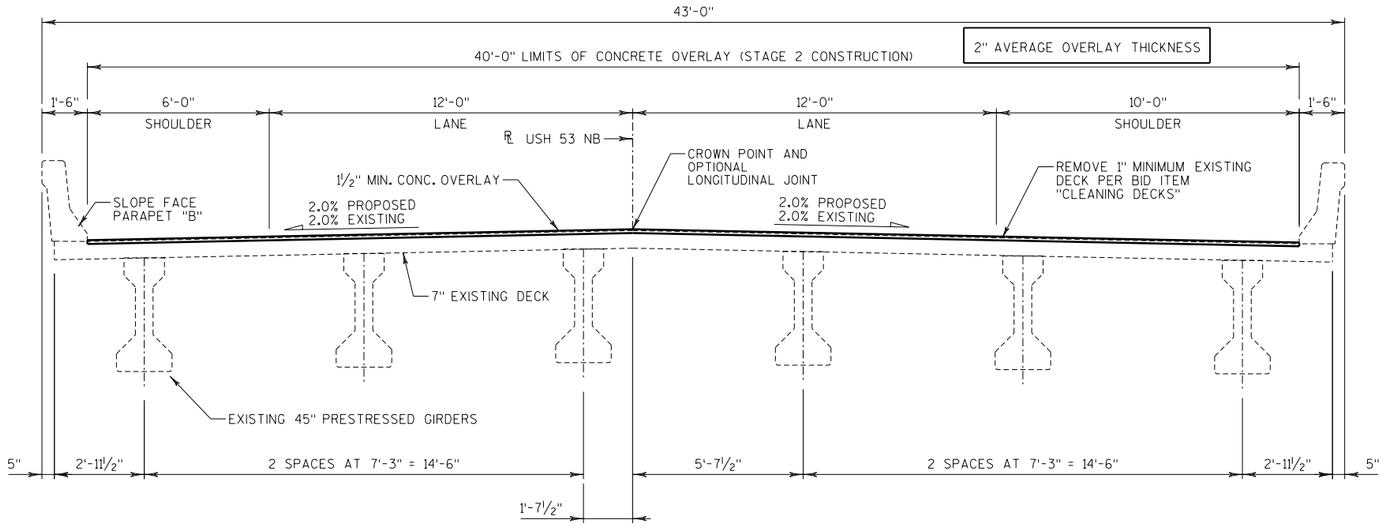
DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
JRM	MDR	JRM	MDR

GENERAL PLAN & ELEVATION

SHEET 1 OF 2
512

8

8



TYPICAL SECTION THRU USH 53 NB

LOOKING NORTH

TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEMS	UNIT	TOTAL
502.3200	PROTECTIVE SURFACE TREATMENT	SY	340
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	77
509.0301	PREPARATION DECKS TYPE 1	SY	54
509.0302	PREPARATION DECKS TYPE 2	SY	27
509.0500	CLEANING DECKS	SY	324
◥ 509.1500	CONCRETE SURFACE REPAIR	SF	5
509.2000	FULL-DEPTH DECK REPAIR	SY	1
509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	23
	NON-BID ITEMS		
	FILLER	SIZE	1/2"

STATE PROJECT NUMBER

1197-18-78

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

ALL STATIONS AND ALL ELEVATIONS ARE IN FEET. ELEVATIONS REFERENCED TO NAVD 88.

SEAL OVERLAY CONSTRUCTION JOINTS ACCORDING TO SECTION 502.3.13.1 OF THE STANDARD SPECIFICATION. COST IS CONSIDERED INCLUDED IN BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

A MINIMUM OF 1" OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER BID ITEM "CLEANING DECKS".

PREPARATION DECKS TYPE 1, TYPE 2, AND FULL DEPTH DECK REPAIR ARE BASED ON THE PLANS AND AS DETERMINED BY THE FIELD ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY OVERLAY DECKS".

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY AT THE ABUTMENTS IS TO BE INCLUDED IN WORK FOR BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 1½" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. EXPECTED AVERAGE OVERLAY THICKNESS IS 2". THE AVERAGE OVERLAY THICKNESS IS BASED ON THE MINIMUM OVERLAY THICKNESS PLUS 1/2-INCH TO ACCOUNT FOR VARIATIONS IN THE DECK SURFACE. IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION.

ALL CONCRETE REMOVAL NOT COVERED WITH CONCRETE OVERLAY SHALL BE DEFINED BY A 1" DEEP SAW CUT.

PIGMENTED SURFACE SEALER RESEAL WILL BE APPLIED TO THE TOPS AND INSIDE FACES OF THE PARAPETS FROM END OF WINGWALL TO END OF WINGWALL. SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "PIGMENTED SURFACE SEALER RESEAL".

PROTECTIVE SURFACE TREATMENT WILL BE APPLIED TO THE TOP AND VERTICAL FACE OF THE PAVING NOTCHES AND TO THE TO THE ENTIRE TOP SURFACE OF THE NEW CONCRETE OVERLAY.

◥ CONCRETE SURFACE REPAIR QUANTITIES ARE AN ESTIMATE ONLY. ACTUAL QUANTITIES TO BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER.

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-23

DRAWN BY JRM | PLANS CK'D. MDR

TYPICAL SECTION & QUANTITIES

SHEET 2 OF 2

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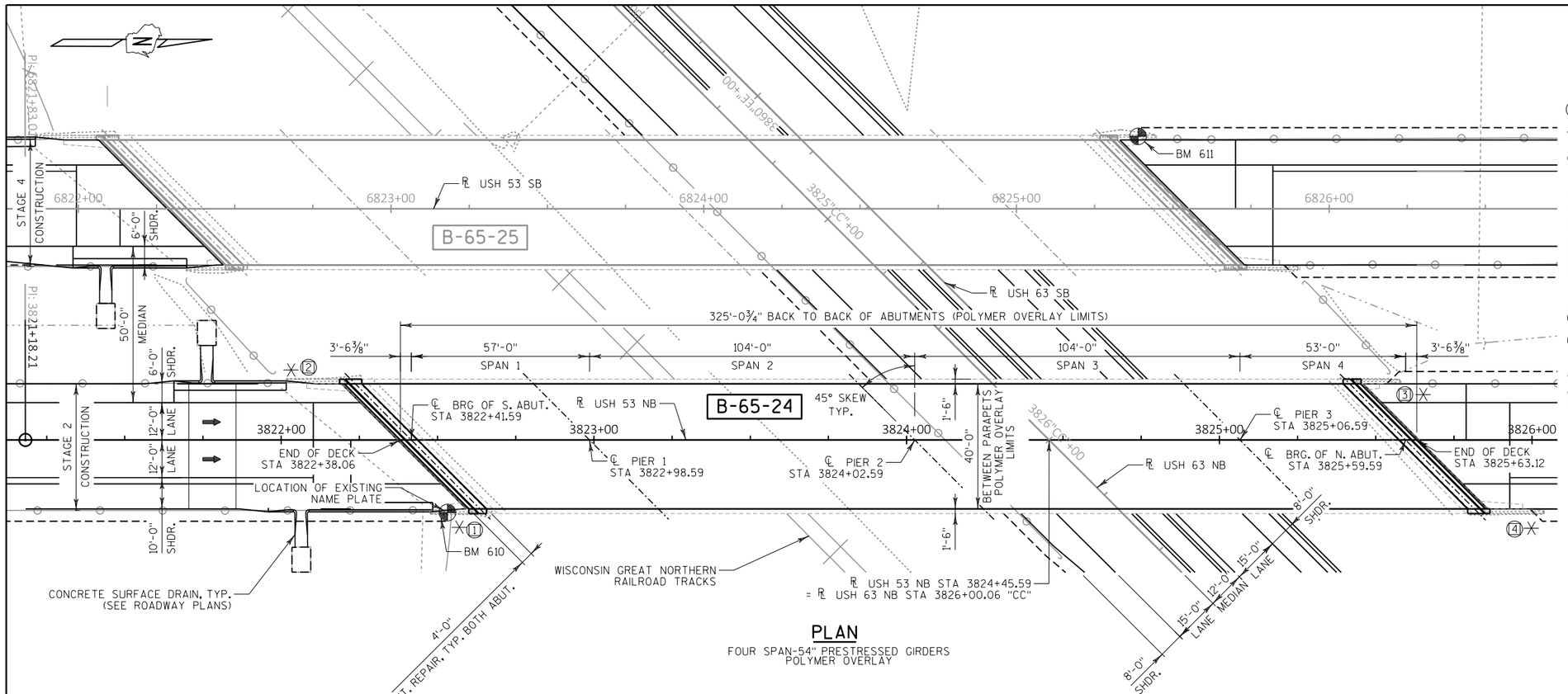
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PLOT DATE : 10/17/2022

PLOT BY : jrm

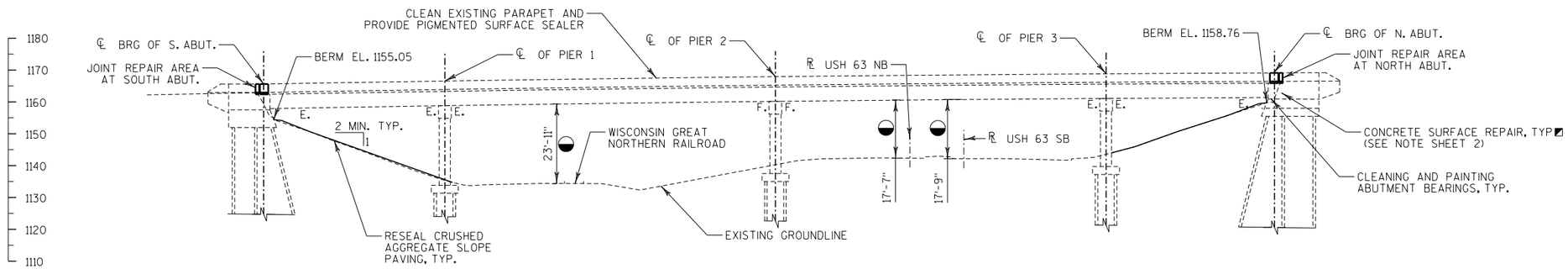
STATE PROJECT NUMBER

1197-18-78



PLAN

FOUR SPAN-54" PRESTRESSED GIRDERS
POLYMER OVERLAY



ELEVATION

(LOOKING WEST)

NOTES

- (X) DENOTES WINGWALL NUMBER
- THRIE BEAM RAIL ATTACHMENT
- MINIMUM CLEARANCE AS REPORTED ON BRIDGE INSPECTION REPORT DATED 8-23-2019

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HS-20
INVENTORY RATING: HS-16
OPERATING RATING: HS-27
WISCONSIN STD. PERMIT VEHICLE (WIS-SPV) = 160 KIPS

MATERIAL PROPERTIES:

CONCRETE MASONRY DECK REPAIRS _____ f'c = 4,000 psi

CONCRETE MASONRY SURFACE REPAIRS ____ f'c = 3,500 psi

TRAFFIC DATA

USH 53 NB
ADT = 3,345 (2024)
ADT = 3,850 (2044)
RDS = 65 M.P.H.

USH 63 NB & SB
ADT = 4,450 (2024)
ADT = 4,850 (2044)
RDS = 55 M.P.H.

BENCH MARK

NO.	STATION	OFFSET	DESCRIPTION	ELEV.
610	3822+53.15 USH 53 NB	23.18' (RT)	CHISELED BOX WITH X TOP OF PARAPET WINGWALL	1166.16
611	6825+38.86 USH 53 SB	23.19' (LT)	CHISELED BOX WITH X TOP OF PARAPET WINGWALL	1170.66

LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION
2. CROSS SECTION AND QUANTITIES
3. EXPANSION JOINT DETAILS 1
4. EXPANSION JOINT DETAILS 2
5. EXPANSION JOINT DETAILS 3

STRUCTURE DESIGN CONTACTS

BRIDGE OFFICE: AARON BONK (608) 261-0261
CONSULTANT: JOSH MITCHELL (414) 939-7023

WISCONSIN
JOSHUA R. MITCHELL
E-46242-6
MILWAUKEE, WI
PROFESSIONAL ENGINEER
10/17/22

NO.	DATE	REVISION	BY

emcs inc
1300 W. Canal Street, Suite 200
Milwaukee, WI 53233
414.347.1607 Fax 414.347.1347

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED SDR 11/15/22
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-65-24

USH 53 NB OVER USH 63 & WGN RR

COUNTY	TOWN
WASHBURN	SPOONER

DESIGN SPEC. REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
JRM	MDR	JRM	MDR

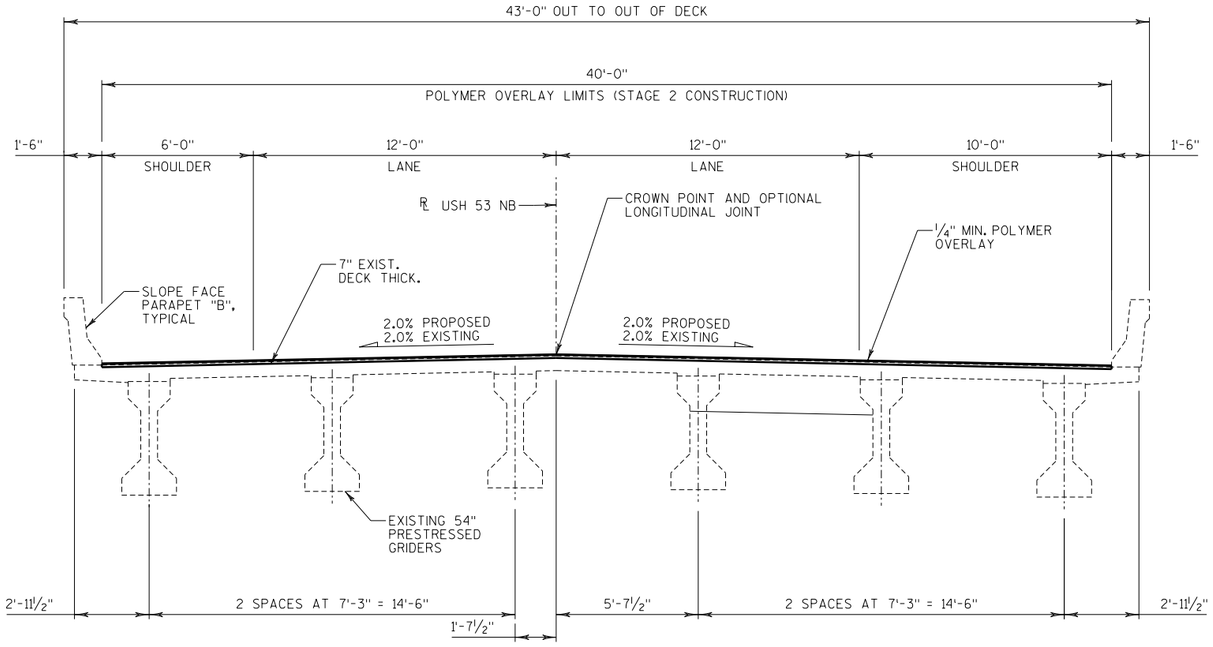
GENERAL PLAN & ELEVATION

SHEET 1 OF 5

514

8

8



TYPICAL SECTION THRU USH 53 NB

LOOKING NORTH

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

ALL STATIONS AND ALL ELEVATIONS ARE IN FEET. ELEVATIONS REFERENCED TO NAVD 88.

ANY EXCAVATION REQUIRED TO COMPLETE THE JOINT REPAIRS AT THE ABUTMENTS IS TO BE INCLUDED IN WORK FOR BID ITEM "JOINT REPAIR".

SHOT BLASTING, DECK SURFACE PREPARATIONS, AND TRANSITIONAL AREAS ARE INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

PIGMENTED SURFACE SEALER RESEAL SHALL BE APPLIED TO THE TOPS AND INSIDE FACES OF THE PARAPETS FROM END OF WINGWALL TO END OF WINGWALL. SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "PIGMENTED SURFACE SEALER RESEAL

PROTECTIVE SURFACE TREATMENT WILL BE APPLIED TO THE TOP AND VERTICAL FACE OF THE PAVING NOTCHES. DO NOT APPLY TO THE TOP OF THE DECK.

OPTIONAL LONGITUDINAL STAGING JOINT FOR THE POLYMER OVERLAY, IF USED, MUST BE LOCATED AT THE CROWN LINE. STAGE THE POLYMER OVERLAY APPLICATION PER THE STAGING PLANS SHOWN IN THE ROADWAY PLANS. ALTERNATIVE STAGING PLANS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

◥ CONCRETE SURFACE REPAIR QUANTITIES ARE AN ESTIMATE ONLY. ACTUAL QUANTITIES TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE FIELD ENGINEER.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEMS	UNIT	TOTAL
502.3101	EXPANSION DEVICE B-65-24	LF	113
502.3200	PROTECTIVE SURFACE TREATMENT	SY	20
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	289
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	114
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	3,330
509.1000	JOINT REPAIR	SY	54
◥ 509.1500	CONCRETE SURFACE REPAIR	SF	46
509.2100.S	CONCRETE MASONRY DECK REPAIR	CY	29
509.5100.S	POLYMER OVERLAY	SY	1,445
604.9015.S	RESEAL CRUSHED AGGREGATE SLOPE PAVING	SY	690
SPV.0060	CLEANING AND PAINTING BEARINGS	EACH	12
SPV.0180	ABUTMENT SEAT CLEANING AND SEALING	SY	38
	NON-BID ITEMS		
	FILLER	SIZE	1/2"

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-24

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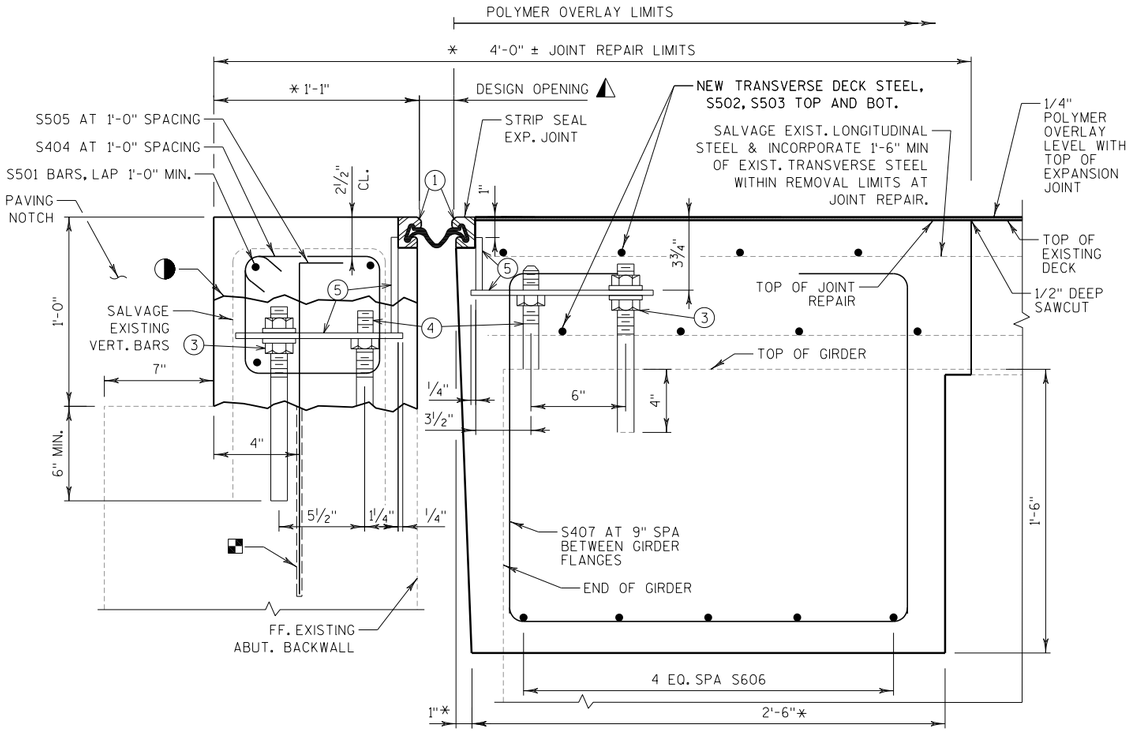
CROSS SECTION AND QUANTITIES

SHEET 2 OF 5

515

STATE PROJECT NUMBER

1197-18-78



SECTION THRU PROPOSED JOINT AND END DIAPHRAGM

NOTES

ONE FIELD SPLICE PERMITTED IN STEEL EXTRUSIONS, UNLESS MORE ARE REQUIRED FOR STAGED CONSTRUCTION, HANDLING, OR GALVANIZING REQUIREMENTS. IF USED, ANCHOR PLATES SHALL BE PROVIDED 3" FROM EACH SIDE OF THE FILED SPLICE. DETAILS SHALL BE SUBMITTED FOR APPROVAL. NO SPLICING PERMITTED IN NEOPRENE STRIP SEAL.

AFTER FABRICATION, BUT BEFORE SHIPMENT, STRAIGHTEN STEEL EXTRUSIONS SUCH THAT THEY SHALL BE FREE FROM WARP, TWIST & SWEEP.

FABRICATOR SHALL PROVIDE MEANS OF KEEPING GALVANIZED EXTRUSIONS CLEAN AND SMOOTH DURING SHIPMENT AND PRIOR TO APPLYING LUBRICANT ADHESIVE FOR NEOPRENE GLAND INSTALLATION.

SANDBLAST PLATES, SUPPORTS, AND EXTRUSIONS AFTER FABRICATION IN ACCORDANCE WITH SSPC SP. "6 "COMMERCIAL BLAST CLEANING". AFTER BLAST CLEANING, THE PLATES, SUPPORTS, AND EXTRUSTIONS SHALL BE HOT DIPPED GALVANIZED. SLIP-RESISTANT SURFACE IS APPLIED TO SIDEWALK COVER PLATES BY THE MANUFACTURER AND THEN HOT DIPPED GALVANIZED TO THEIR RECOMMENDATIONS TO MAINTAIN THEINTEGRITY OF THIS SURFACE.

ANCHOR SYSTEM NO. 8 & NO. 9 SHALL CONFORM TO ASTM A307 & SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 CLASS C & D.

ALL MATERIAL IN THE EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS & HARDWARE WILL BE PAID FOR AT THE PRICE BID FOR "EXPANSION DEVICE B-65-24", LF.

PRESERVE AND PROTECT EXISTING REINFORCEMENT. IF EXISTING BARS ARE SEVERELY CORRODED SEE ENGINEER FOR REPLACEMENT OPTIONS. IF EXISTING BARS ARE DAMAGED DURING CONCRETE REMOVAL OPERATIONS, THE CONTRACTOR WILL REPLACE REINFORCEMENT AT THE DIRECTION OF THE ENGINEER AT NO ADDITIONAL EXPENSE TO THE OWNER.

JOINT OPENINGS ARE MEASURED PERPENDICULAR TO JOINT. SMALL JOINT OPENINGS DUE TO HIGH TEMPERATURE AT TIME OF CONSTRUCTION MAY REQUIRE NEOPRENE STRIP SEAL INSTALLATION INTO STEEL EXTRUSTION PRIOR TO SETTING THE EXPANSION JOINT.

LEGEND

(1) NEOPRENE STRIP SEAL (4 - INCH) AND STEEL EXTRUSIONS. SET JOINT OPENING AT 1 3/4" WHEN EXPANSION LENGTH < 230'-0". JOINT OPENINGS GIVEN NORMAL TO JOINT.

(2) STUDS 5/8" DIA. X 6 3/8" LONG AT 6" ALTERNATE CENTERS. WELD TO EXTRUSIONS AND BEND AS SHOWN AFTER WELDING.

(2A) 1/2" THICK ANCHOR PLATE WITH 5/8" DIA. ROD (OR ALTERNATE STRIP SEAL ANCHOR). WELD ROD TO ANCHOR PLATE, WELD ANCHOR PLATE TO NO. 1 AT 1'-6" CENTERS BETWEEN GIRDERS.

(3) 3/4" DIA. THREADED ROD WITH 2 NUTS AND PLATE WASHERS. GROUT THREADED ROD INTO 4" DEEP FIELD DRILLED HOLES ON ℄ GIRDER. ON ABUTMENT SIDE, GROUT THREADED ROD INTO FIELD DRILLED HOLES IN ABUTMENT BACKWALL AS SHOWN.

(4) 3/4" DIA. THREADED ROD WITH NUT. TACK WELD NUT TO NO. 5.

(5) FABRICATE SUPPORT FROM 3" X 1/2" BAR AS SHOWN OR EQUIVALENT. ONE PER GIRDER PER SIDE. SHOP OR FIELD WELD TO NO. 1. IF FIELD WELDED, COVER WELDED AREAS WITH EPOXY-COATING MATERIAL. PROVIDE 1 1/2" DIA. HOLE FOR NO. 3 & 1" DIA HOLE FOR NO.4

(6) GALVANIZED PLATE 3/8" X 10 1/2" X 2'-2" LONG WITH HOLES FOR NO. 7. BEND AS SHOWN.

(7) 3/4" DIA. X 1 1/2" STAINLESS STEEL SOCKET FLAT HEAD SCREWS WITH ANTI-SEIZE LUBRICANT. PLACE IN COUNTERSUNK HOLE. RECESS 1/16" BELOW PLATE SURFACE.

(8) 3/4" DIA. X 4" GALVANIZED HEX HEAD BOLT. BEND 45°.

(9) 3/4" DIA. X 2 1/4" GALVANIZED THREADED COUPLING.

(10) 1" X 5" SLOTTED COUNTERSUNK HOLE FOR NO. 7. PLACE SLOT PARALLEL TO DIRECTION OF MOVEMENT.

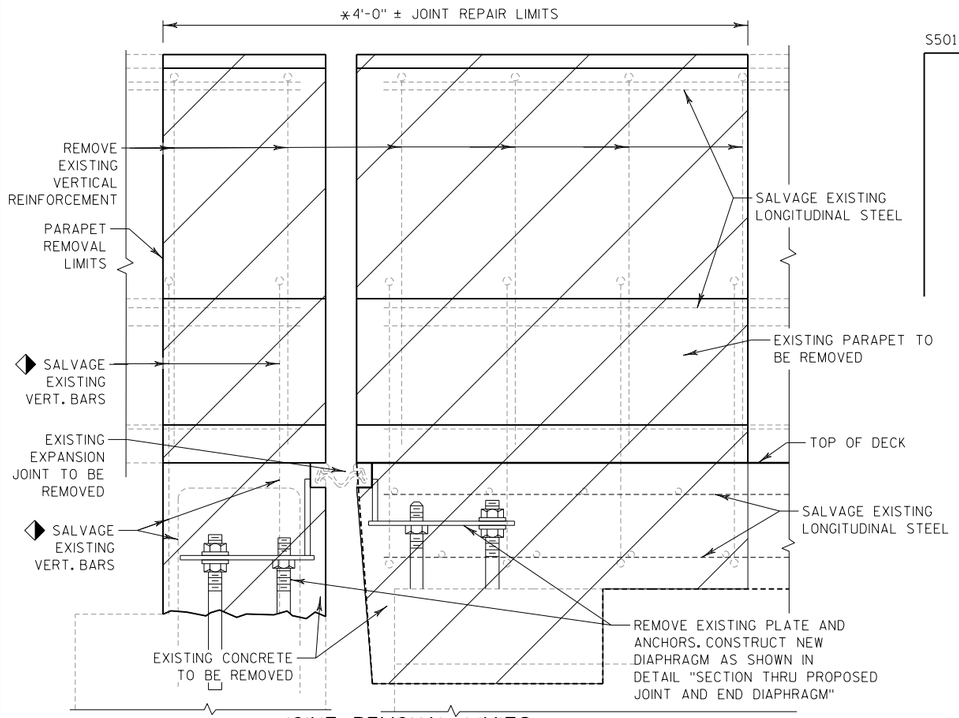
BLOCK OUT CONCRETE 2" EITHER SIDE OF JOINT OPENING.

JOINT OPENING DIM. ALONG SKEW PLUS 1/2"

ADHESIVE ANCHORS NO. 5 BAR EMBED 1'-0" IN CONCRETE. TURN 10" LEG AS NECESSARY TO FIT.

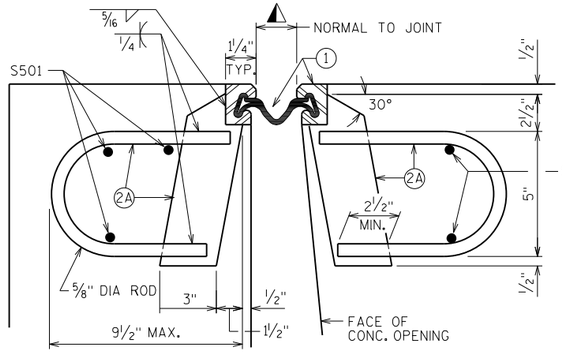
OPTIONAL CONSTRUCTION JOINT. 1" MIN BELOW EXISTING REINFORCEMENT.

* DIMENSIONS GIVEN ARE NORMAL TO ℄ OF SUBSTRUCTURE UNIT.



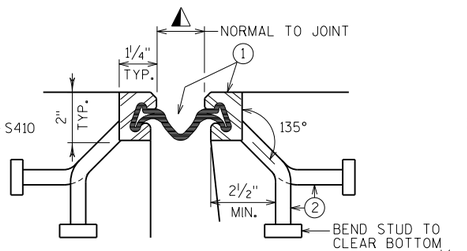
JOINT REMOVAL LIMITS

HATCHED AREA IS CONCRETE TO BE REMOVED



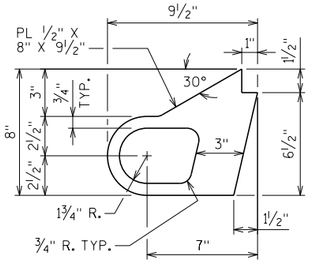
SECTION THRU JOINT AT ABUTMENT

ROADWAY TRAFFIC AREA BETWEEN EXTERIOR GIRDERS.

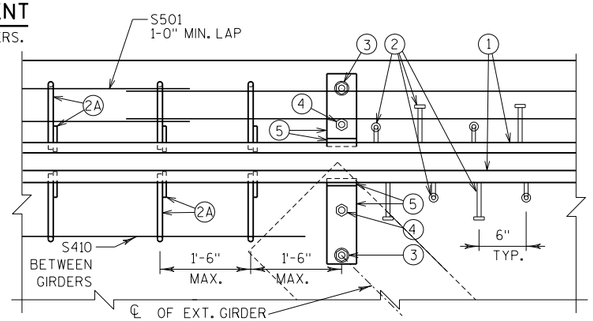


SECTION THRU JOINT

EXTERIOR GIRDER TO EDGE OF DECK AND AT PARAPETS



ALTERNATE STRIP SEAL ANCHOR



PART PLAN

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-24

DRAWN BY JRM | PLANS CK'D. MDR

EXPANSION JOINT DETAILS 1

SHEET 3 OF 5

516

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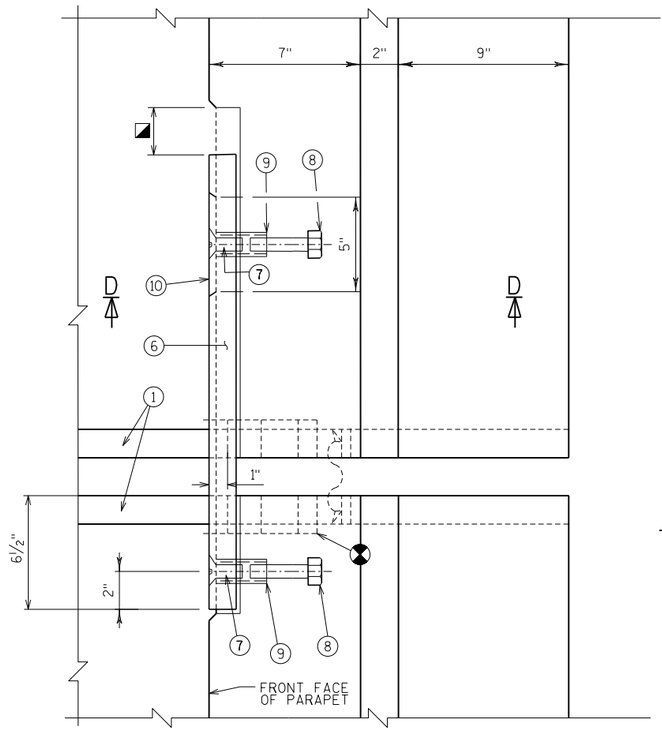
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PLOT DATE : 10/17/2022

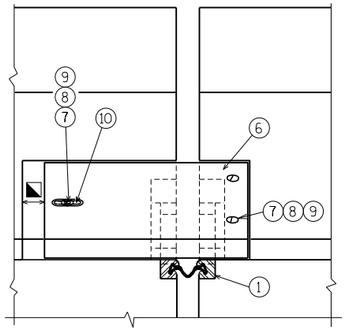
PLOT BY : jrm

STATE PROJECT NUMBER

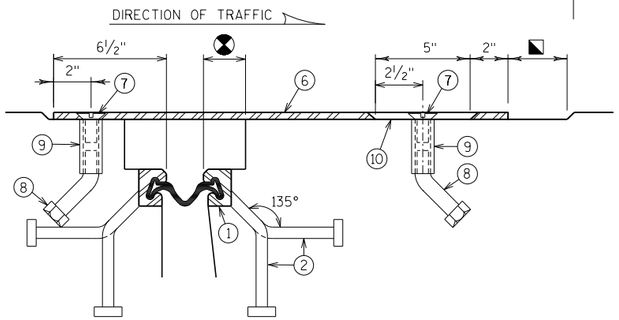
1197-18-78



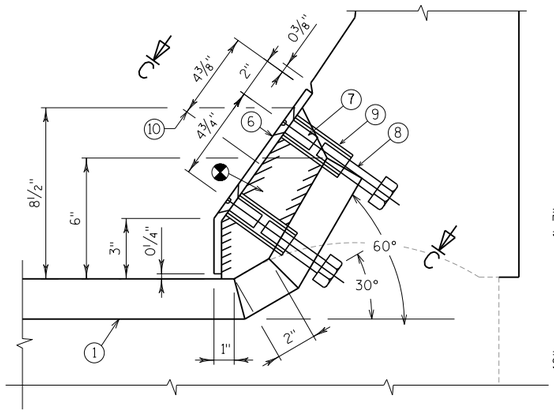
PLAN AT PARAPET



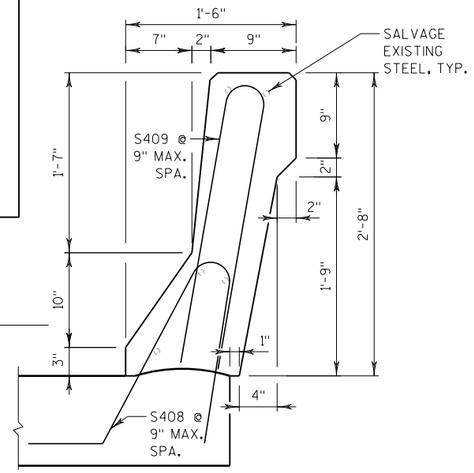
VIEW OF PARAPET PLATE FROM ROADWAY



SECTION C-C



SECTION D-D



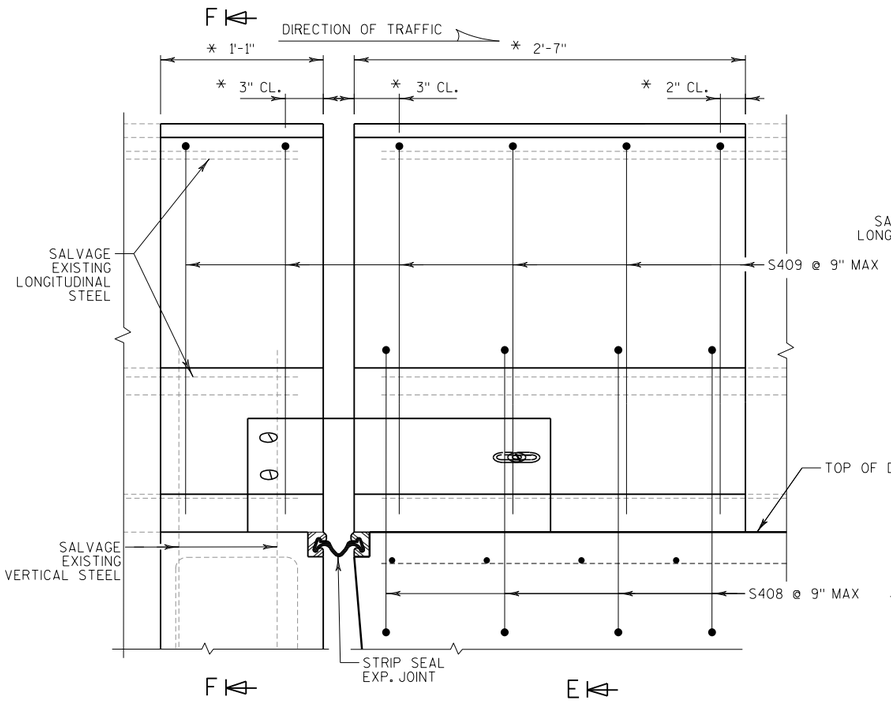
SECTION THRU SLOPE FACE PARAPET "B"

ON DECK

NOTES:

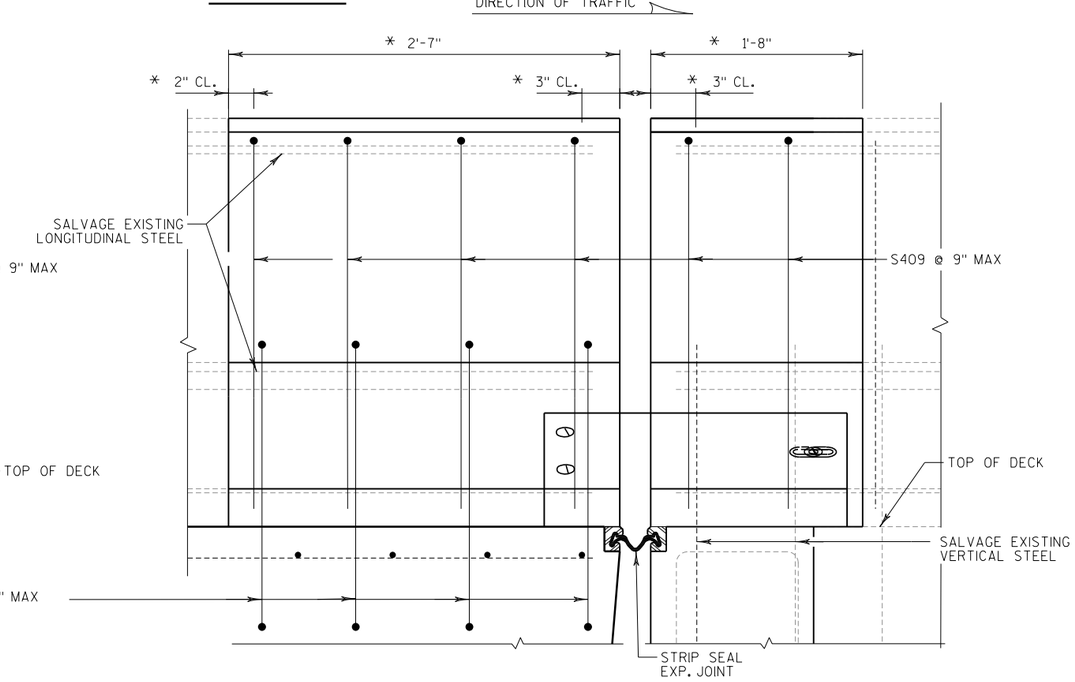
FOR NOTES AND LEGEND SEE "EXPANSION JOINT DETAILS 1" SHEET

* DIMENSIONS GIVEN ARE NORMAL TO SUBSTRUCTURE UNIT. FOR DIMENSIONS ALONG PARAPET SEE "EXPANSION JOINT DETAILS 3" SHEET.



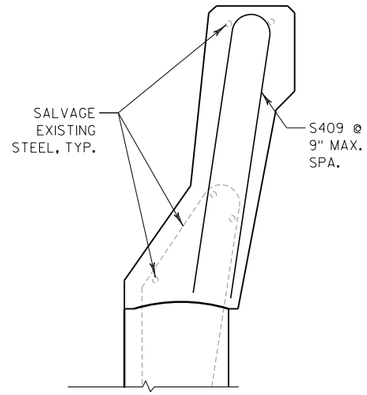
PARAPET REPLACEMENT ELEVATION

LOOKING WEST AT SOUTH EXP. JOINT
(WEST PARAPET SHOWN, EAST PARAPET SIMILAR)



PARAPET REPLACEMENT ELEVATION

LOOKING WEST AT NORTH EXP. JOINT
(WEST PARAPET SHOWN, EAST PARAPET SIMILAR)



SECTION THRU SLOPE FACE PARAPET "B"

ON WINGWALL

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-24

DRAWN BY JRM | PLANS CK'D. MDR

EXPANSION JOINT DETAILS 2

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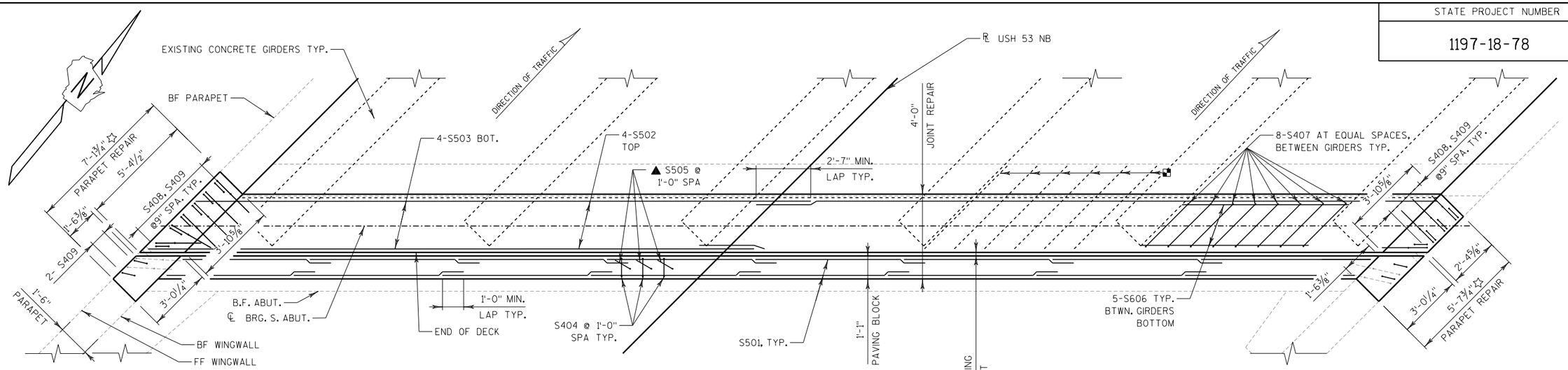
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PLOT DATE : 10/17/2022

PLOT BY : jrm

STATE PROJECT NUMBER

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JOINT REPAIR PLAN

SOUTH ABUTMENT SHOWN, NORTH ABUTMENT SIMILAR

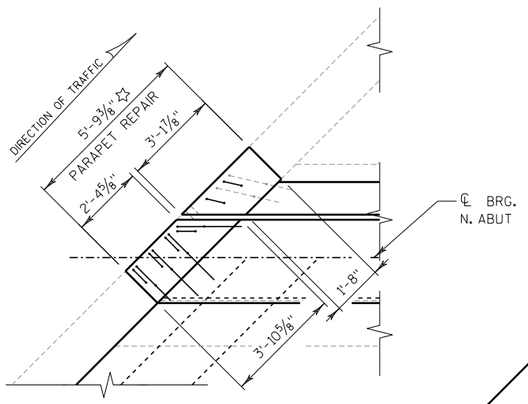
NOTES:

SEE "EXPANSION JOINT DETAILS 1 AND 2" SHEETS FOR SECTIONS THROUGH JOINT AT ABUTMENT AND SECTIONS THROUGH PARAPETS.

◪ SALVAGE EXISTING LONGITUDINAL DECK AND PARAPET REINFORCEMENT AND EXTEND FULL LENGTH INTO NEW WORK. INCORPORATE 1'-6" MIN OF EXIST. TRANSVERSE STEEL WITHIN REMOVAL LIMITS AT JOINT REPAIR.

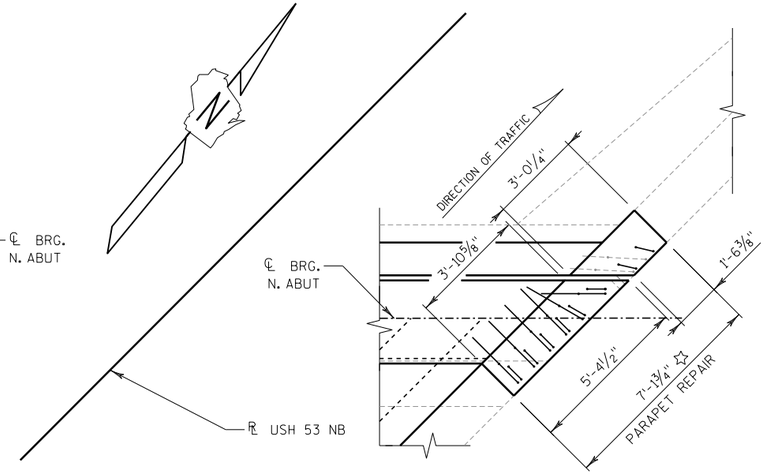
☆ EXTENT OF PARAPET REMOVAL AND REPLACEMENT.

▲ DENOTES ADHESIVE ANCHORS NO. 5 BAR.



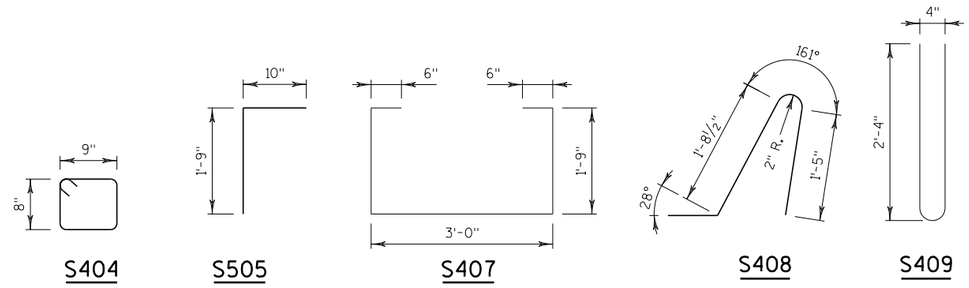
PARAPET REPLACEMENT PLAN

NORTHWEST PARAPET SHOWN



PARAPET REPLACEMENT PLAN

NORTHEAST PARAPET SHOWN



BILL OF BARS

BAR MARK	COAT	NO.	LENGTH	BENT	LOCATION
S501	X	48	7'-11"		PAVING NOTCH TRANSVERSE
S502	X	16	31'-6"		EXP JT TOP TRANSVERSE
S503	X	16	31'-6"		EXP JT BOT TRANSVERSE
S404	X	114	3'-4"	X	PAVING NOTCH STIRRUP
▲ S505	X	114	2'-7"	X	PAVING NOTCH ANCHOR
S606	X	50	9'-2"		EXP JT TRANSVERSE
S407	X	80	7'-2"	X	EXP JT STIRRUP
S408	X	20	4'-3"	X	PARAPET VERTICAL
S409	X	20	4'-10"	X	PARAPET VERTICAL
S410	X	20	9'-2"		EXP JT TRANSVERSE

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STRUCTURE B-65-24

DRAWN BY JRM | PLANS CK'D. MDR

EXPANSION JOINT DETAILS 3

SHEET 5 OF 5

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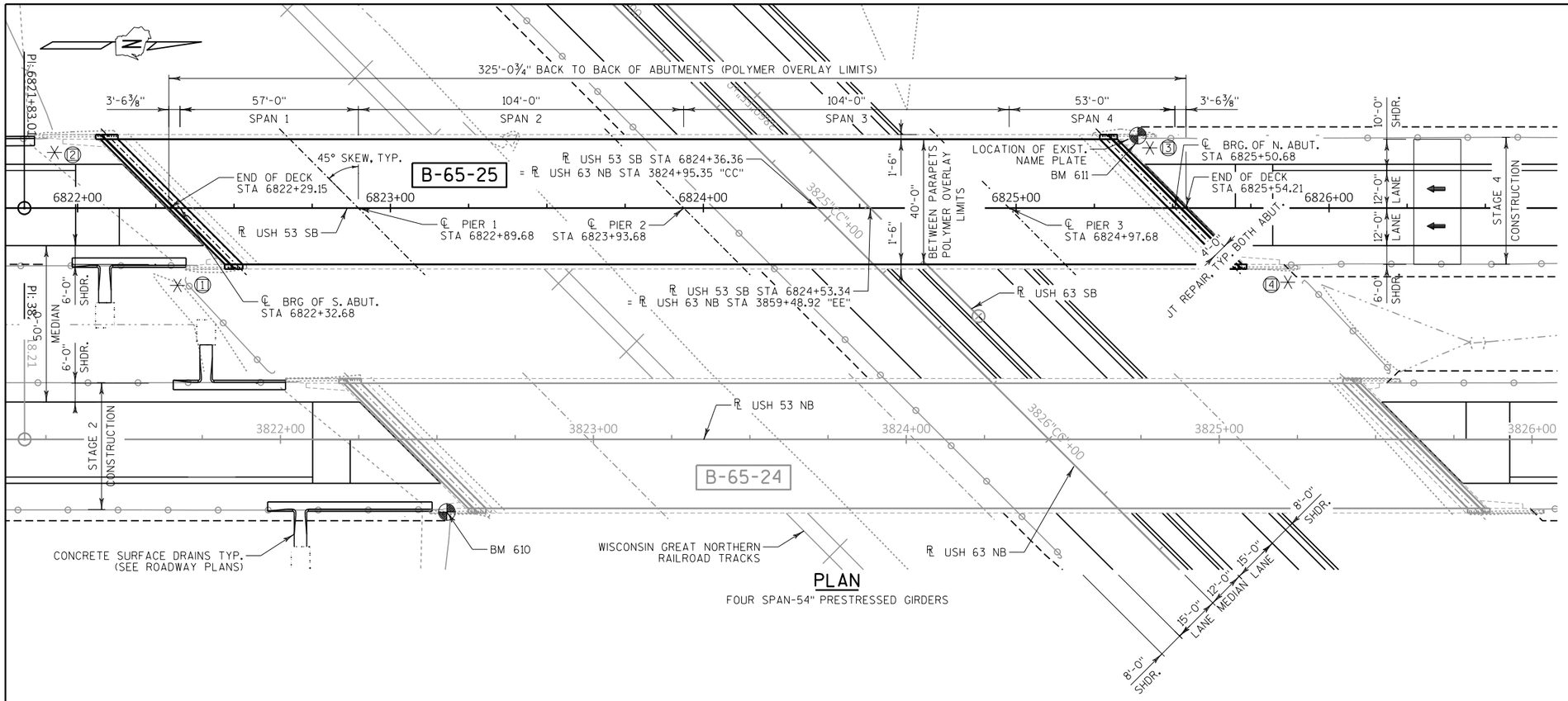
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PLOT DATE : 10/17/2022

PLOT BY : jrm

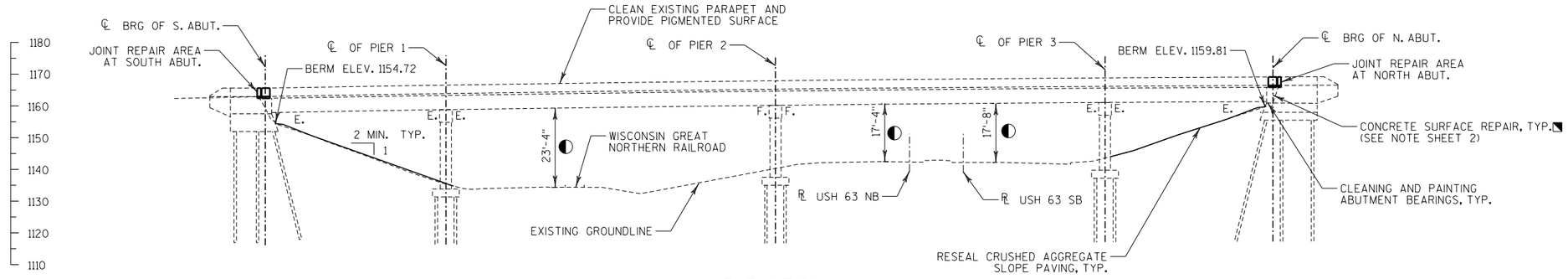
STATE PROJECT NUMBER

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PLAN

FOUR SPAN-54" PRESTRESSED GIRDERS



ELEVATION

(LOOKING WEST)

NOTES

ⓧ DENOTES WINGWALL NUMBER

✳ THRIE BEAM RAIL ATTACHMENT

◐ MINIMUM VERTICAL CLEARANCE RECORDED FROM BRIDGE INSPECTION REPORT DATED 8-23-2019

DESIGN DATA

LIVE LOAD:
DESIGN LOADING: HS-20
INVENTORY RATING: HS-16
OPERATING RATING: HS-27
WISCONSIN STD. PERMIT VEHICLE (WIS-SPV) = 160 KIPS

MATERIAL PROPERTIES:
CONCRETE MASONRY DECK REPAIRS ____ f'c = 4,000 psi
CONCRETE MASONRY SURFACE REPAIRS ____ f'c = 3,500 psi

TRAFFIC DATA

USH 53 SB
ADT = 3,345 (2024)
ADT = 3,850 (2044)
RDS = 65 M.P.H.

USH 63 NB & SB
ADT = 4,450 (2024)
ADT = 4,850 (2044)
RDS = 55 M.P.H.

BENCH MARK

NO.	STATION	OFFSET	DESCRIPTION	ELEV.
610	3822+53.15 USH 53 NB	23.18' (RT)	CHISELED BOX WITH X TOP OF PARAPET WINGWALL	1166.16
611	6825+38.86 USH 53 SB	23.19' (LT)	CHISELED BOX WITH X TOP OF PARAPET WINGWALL	1170.66

LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION
2. TYPICAL SECTION AND QUANTITIES
3. EXPANSION JOINT DETAILS 1
4. EXPANSION JOINT DETAILS 2
5. EXPANSION JOINT DETAILS 3

STRUCTURE DESIGN CONTACTS

BRIDGE OFFICE: AARON BONK (608) 261-0261
CONSULTANT: JOSH MITCHELL (414) 939-7023

WISCONSIN PROFESSIONAL ENGINEER
JOSHUA R. MITCHELL
E-46242-6
MILWAUKEE, WI
10/17/22

NO.	DATE	REVISION	BY

emcs inc
1300 W. Canal Street, Suite 200
Milwaukee, WI 53233
414.347.1607 Fax 414.347.1347

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED SDR 11/15/22
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-65-25

USH 53 SB OVER USH 63 & WGN RR

COUNTY	TOWN
WASHBURN	SPOONER

DESIGN SPEC.	
REHABILITATION	N/A

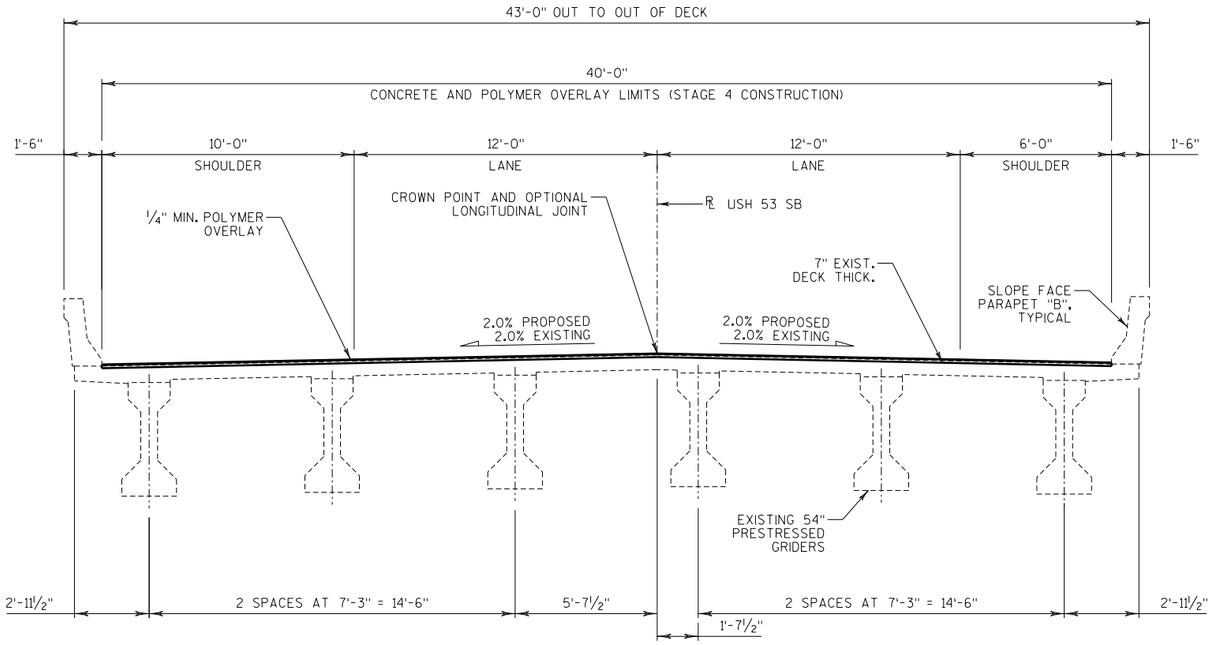
DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
JRM	MDR	JRM	MDR

GENERAL PLAN & ELEVATION

SHEET 1 OF 5
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TYPICAL SECTION THRU USH 53 SB

LOOKING NORTH

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

ALL STATIONS AND ALL ELEVATIONS ARE IN FEET. ELEVATIONS REFERENCED TO NAVD 88.

ANY EXCAVATION REQUIRED TO COMPLETE THE JOINT REPAIRS AT THE ABUTMENTS IS TO BE INCLUDED IN WORK FOR BID ITEM "JOINT REPAIR".

SHOT BLASTING, DECK SURFACE PREPARATIONS, AND TRANSITIONAL AREAS ARE INCLUDED IN THE BID ITEM "POLYMER OVERLAY".

PIGMENTED SURFACE SEALER RESEAL WILL BE APPLIED TO THE TOPS AND INSIDE FACES OF THE PARAPETS FROM END OF WINGWALL TO END OF WINGWALL. SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "PIGMENTED SURFACE SEALER RESEAL".

PROTECTIVE SURFACE TREATMENT WILL BE APPLIED TO THE TOP AND VERTICAL FACE OF THE PAVING NOTCHES. DO NOT APPLY TO THE TOP OF THE DECK.

OPTIONAL LONGITUDINAL STAGING JOINT FOR THE POLYMER OVERLAY, IF USED, MUST BE LOCATED AT THE CROWN LINE. STAGE THE POLYMER OVERLAY APPLICATION PER THE STAGING PLANS SHOWN IN THE ROADWAY PLANS. ALTERNATIVE STAGING PLANS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

◥ CONCRETE SURFACE REPAIR QUANTITIES ARE AN ESTIMATE ONLY. ACTUAL QUANTITIES TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE FIELD ENGINEER.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEMS	UNIT	TOTAL
502.3101	EXPANSION DEVICE B-65-25	LF	113
502.3200	PROTECTIVE SURFACE TREATMENT	SY	20
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	289
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	114
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	3,330
509.1000	JOINT REPAIR	SY	54
◥ 509.1500	CONCRETE SURFACE REPAIR	SF	61
509.2100.S	CONCRETE MASONRY DECK REPAIR	CY	29
509.5100.S	POLYMER OVERLAY	SY	1,445
604.9015.S	RESEAL CRUSHED AGGREGATE SLOPE PAVING	SY	700
SPV.0060	CLEANING AND PAINTING BEARINGS	EACH	12
SPV.0180	ABUTMENT SEAT CLEANING AND SEALING	SY	38
	NON-BID ITEMS		
	FILLER	SIZE	1/2"

8

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NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-25

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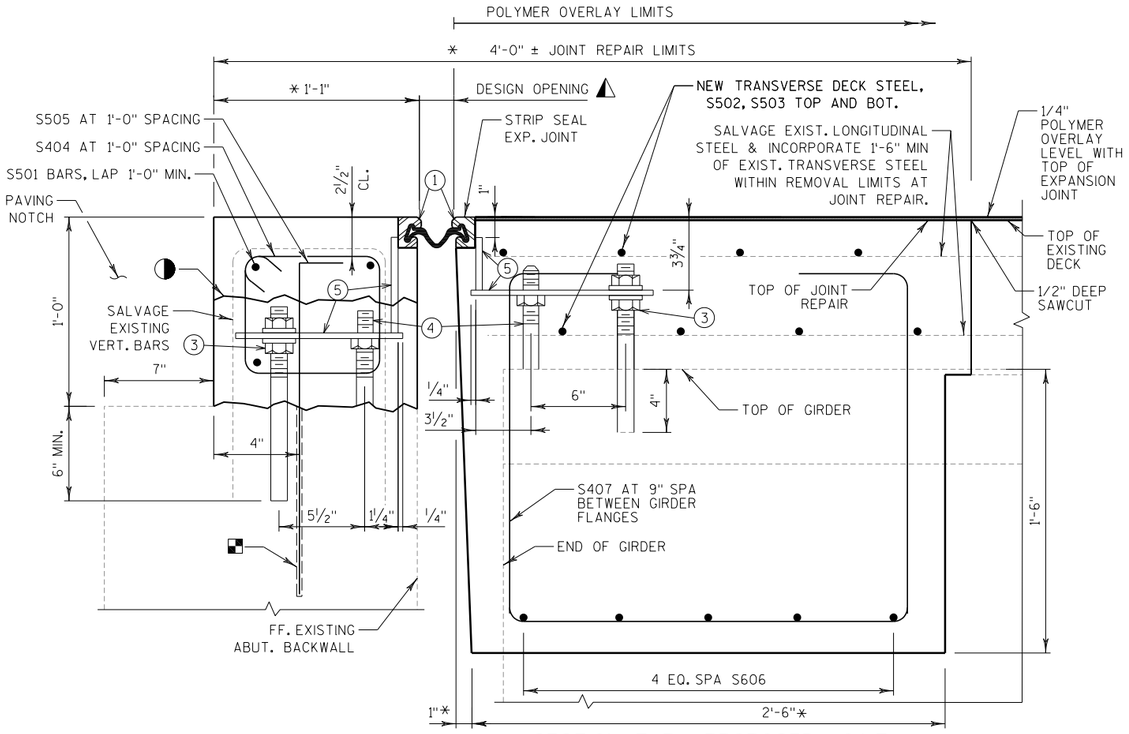
TYPICAL SECTION AND QUANTITIES

SHEET 2 OF 5

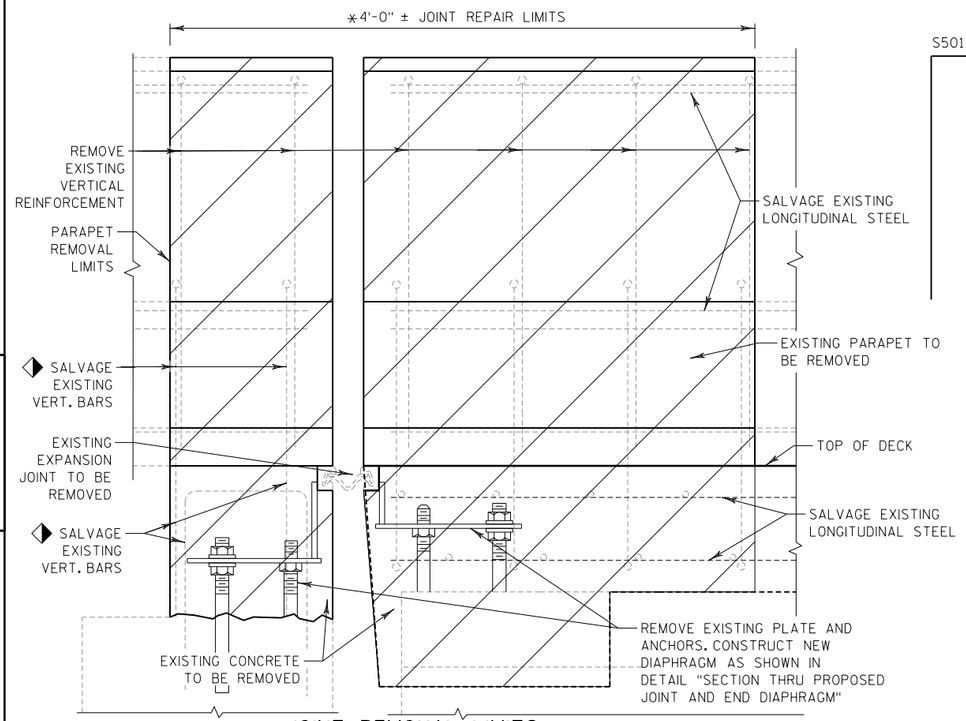
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STATE PROJECT NUMBER

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SECTION THRU PROPOSED JOINT AND END DIAPHRAGM



JOINT REMOVAL LIMITS

HATCHED AREA IS CONCRETE TO BE REMOVED

NOTES

ONE FIELD SPLICE PERMITTED IN STEEL EXTRUSIONS, UNLESS MORE ARE REQUIRED FOR STAGED CONSTRUCTION, HANDLING, OR GALVANIZING REQUIREMENTS. IF USED, ANCHOR PLATES SHALL BE PROVIDED 3" FROM EACH SIDE OF THE FILED SPLICE. DETAILS SHALL BE SUBMITTED FOR APPROVAL. NO SPLICING PERMITTED IN NEOPRENE STRIP SEAL.

AFTER FABRICATION, BUT BEFORE SHIPMENT, STRAIGHTEN STEEL EXTRUSIONS SUCH THAT THEY SHALL BE FREE FROM WARP, TWIST & SWEEP.

FABRICATOR SHALL PROVIDE MEANS OF KEEPING GALVANIZED EXTRUSIONS CLEAN AND SMOOTH DURING SHIPMENT AND PRIOR TO APPLYING LUBRICANT ADHESIVE FOR NEOPRENE GLAND INSTALLATION.

SANDBLAST PLATES, SUPPORTS, AND EXTRUSIONS AFTER FABRICATION IN ACCORDANCE WITH SSPC SP. #6 "COMMERCIAL BLAST CLEANING". AFTER BLAST CLEANING, THE PLATES, SUPPORTS, AND EXTRUSTIONS SHALL BE HOT DIPPED GALVANIZED. SLIP-RESISTANT SURFACE IS APPLIED TO SIDEWALK COVER PLATES BY THE MANUFACTURER AND THEN HOT DIPPED GALVANIZED TO THEIR RECOMMENDATIONS TO MAINTAIN THEINTEGRITY OF THIS SURFACE.

ANCHOR SYSTEM NO. 8 & NO. 9 SHALL CONFORM TO ASTM A307 & SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 CLASS C & D.

ALL MATERIAL IN THE EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS & HARDWARE WILL BE PAID FOR AT THE PRICE BID FOR "EXPANSION DEVICE B-65-25", LF.

PRESERVE AND PROTECT EXISTING REINFORCEMENT. IF EXISTING BARS ARE SEVERELY CORRODED SEE ENGINEER FOR REPLACEMENT OPTIONS. IF EXISTING BARS ARE DAMAGED DURING CONCRETE REMOVAL OPERATIONS, THE CONTRACTOR WILL REPLACE REINFORCEMENT AT THE DIRECTION OF THE ENGINEER AT NO ADDITIONAL EXPENSE TO THE OWNER.

JOINT OPENINGS ARE MEASURED PERPENDICULAR TO JOINT. SMALL JOINT OPENINGS DUE TO HIGH TEMPERATURE AT TIME OF CONSTRUCTION MAY REQUIRE NEOPRENE STRIP SEAL INSTALLATION INTO STEEL EXTRUSTION PRIOR TO SETTING THE EXPANSION JOINT.

LEGEND

1. NEOPRENE STRIP SEAL (4 - INCH) AND STEEL EXTRUSIONS. SET JOINT OPENING AT 1 3/4" WHEN EXPANSION LENGTH < 230'-0". JOINT OPENINGS GIVEN NORMAL TO JOINT.
2. STUDS 5/8" DIA. X 6 3/8" LONG AT 6" ALTERNATE CENTERS. WELD TO EXTRUSIONS AND BEND AS SHOWN AFTER WELDING.
2A. 1/2" THICK ANCHOR PLATE WITH 5/8" DIA. ROD (OR ALTERNATE STRIP SEAL ANCHOR). WELD ROD TO ANCHOR PLATE, WELD ANCHOR PLATE TO NO. 1 AT 1'-6" CENTERS BETWEEN GIRDERS.
3. 3/4" DIA. THREADED ROD WITH 2 NUTS AND PLATE WASHERS. GROUT THREADED ROD INTO 4" DEEP FIELD DRILLED HOLES ON ℄ GIRDER. ON ABUTMENT SIDE, GROUT THREADED ROD INTO FIELD DRILLED HOLES IN ABUTMENT BACKWALL AS SHOWN.
4. 3/4" DIA. THREADED ROD WITH NUT. TACK WELD NUT TO NO. 5.
5. FABRICATE SUPPORT FROM 3" X 1/2" BAR AS SHOWN OR EQUIVALENT. ONE PER GIRDER PER SIDE. SHOP OR FIELD WELD TO NO. 1. IF FIELD WELDED, COVER WELDED AREAS WITH EPOXY-COATING MATERIAL. PROVIDE 1 1/2" DIA. HOLE FOR NO. 3 & 1" DIA HOLE FOR NO.4
6. GALVANIZED PLATE 3/8" X 10 1/2" X 2'-2" LONG WITH HOLES FOR NO. 7. BEND AS SHOWN.
7. 3/4" DIA. X 1 1/2" STAINLESS STEEL SOCKET FLAT HEAD SCREWS WITH ANTI-SEIZE LUBRICANT. PLACE IN COUNTERSUNK HOLE. RECESS 1/16" BELOW PLATE SURFACE.
8. 3/4" DIA. X 4" GALVANIZED HEX HEAD BOLT. BEND 45°.
9. 3/4" DIA. X 2 1/4" GALVANIZED THREADED COUPLING.
10. 1" X 5" SLOTTED COUNTERSUNK HOLE FOR NO. 7. PLACE SLOT PARALLEL TO DIRECTION OF MOVEMENT.

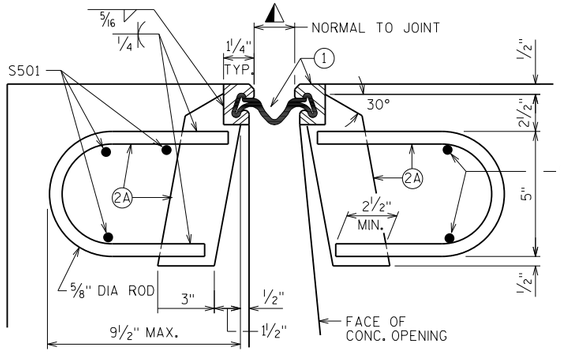
⊗ BLOCK OUT CONCRETE 2" EITHER SIDE OF JOINT OPENING.

◪ JOINT OPENING DIM. ALONG SKEW PLUS 1/2"

◪ ADHESIVE ANCHORS NO. 5 BAR EMBED 1'-0" IN CONCRETE. TURN 10" LEG AS NECESSARY TO FIT.

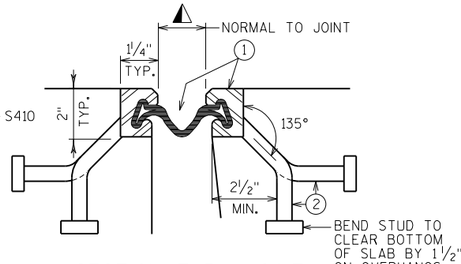
◑ OPTIONAL CONSTRUCTION JOINT. 1" MIN BELOW EXISTING REINFORCEMENT.

* DIMENSIONS GIVEN ARE NORMAL TO ℄ OF SUBSTRUCTURE UNIT.



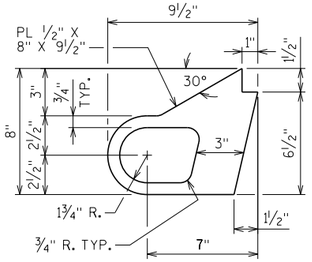
SECTION THRU JOINT AT ABUTMENT

ROADWAY TRAFFIC AREA BETWEEN EXTERIOR GIRDERS.

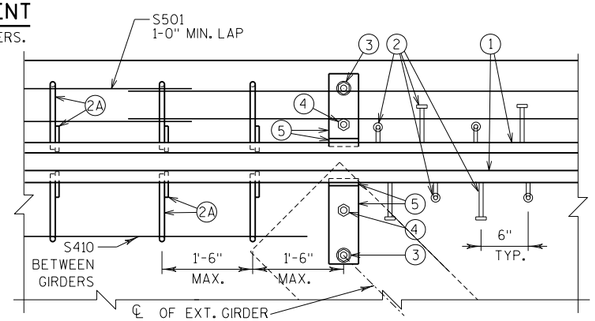


SECTION THRU JOINT

EXTERIOR GIRDER TO EDGE OF DECK AND AT PARAPETS



ALTERNATE STRIP SEAL ANCHOR



PART PLAN

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-25

DRAWN BY JRM | PLANS CK'D. MDR

EXPANSION JOINT DETAILS 1

SHEET 3 OF 5

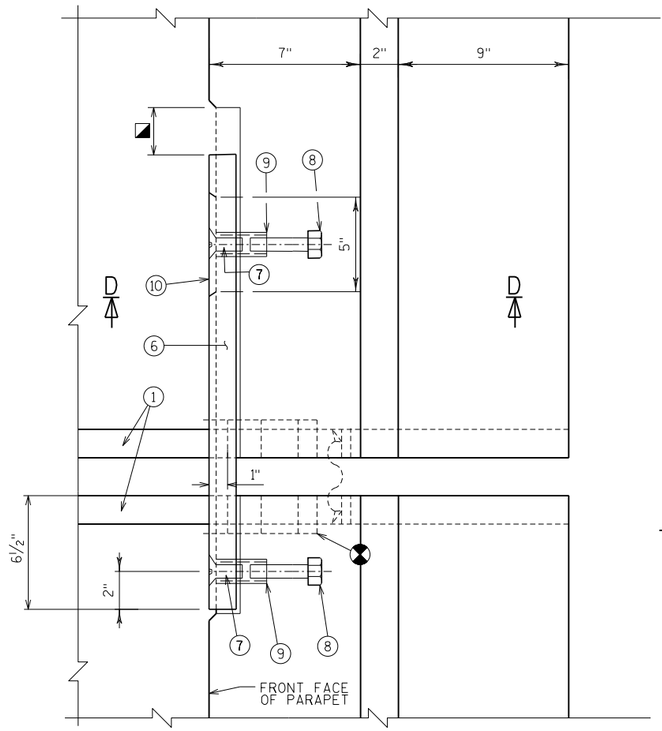
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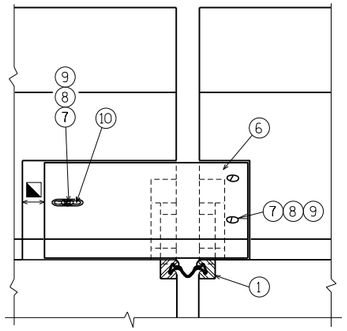
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STATE PROJECT NUMBER

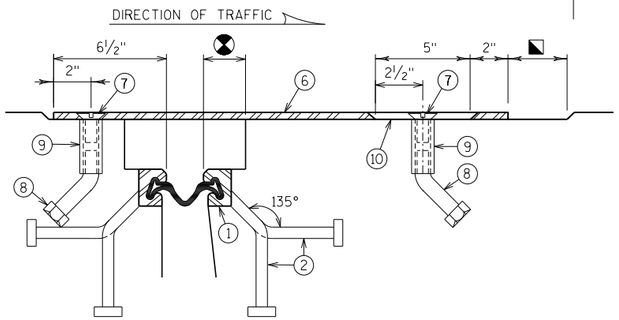
1197-18-78



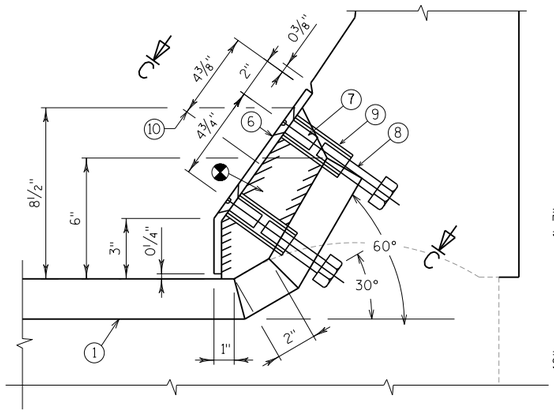
PLAN AT PARAPET



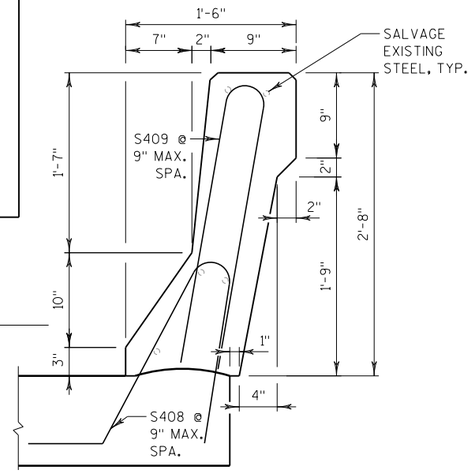
VIEW OF PARAPET PLATE FROM ROADWAY



SECTION C-C



SECTION D-D



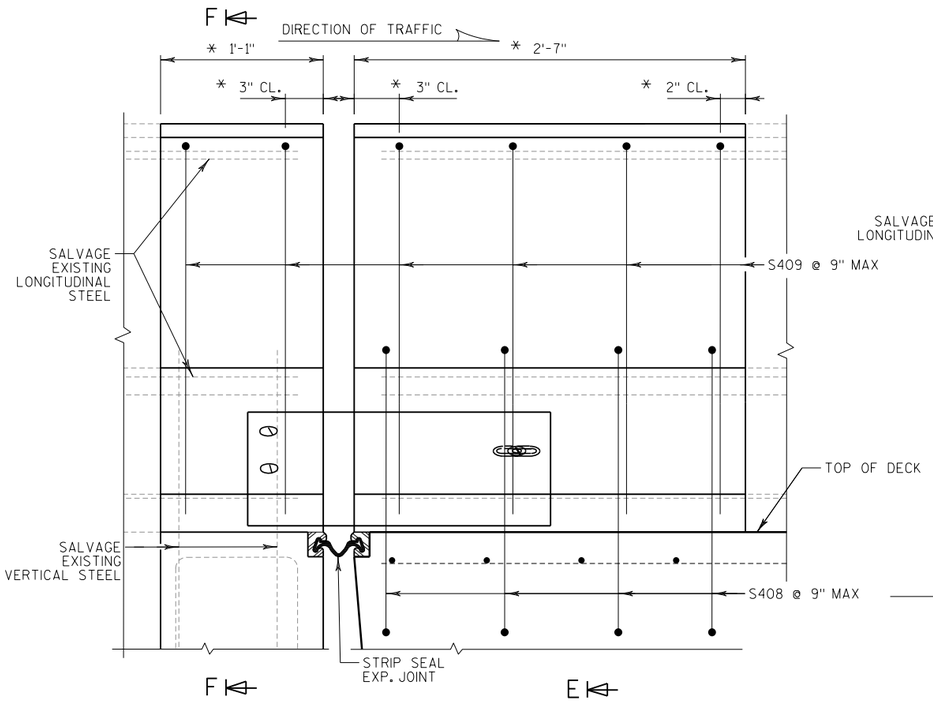
SECTION THRU SLOPE FACE PARAPET "B"

ON DECK

NOTES:

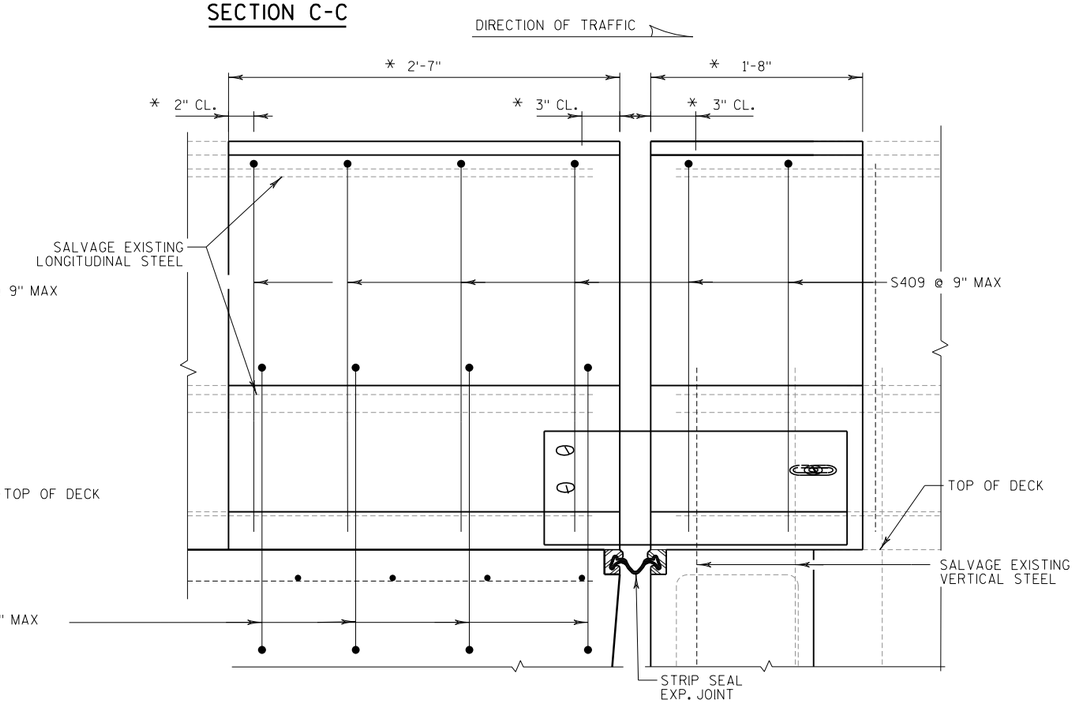
FOR NOTES AND LEGEND SEE "EXPANSION JOINT DETAILS 1" SHEET

* DIMENSIONS GIVEN ARE NORMAL TO SUBSTRUCTURE UNIT. FOR DIMENSIONS ALONG PARAPET SEE "EXPANSION JOINT DETAILS 3" SHEET.



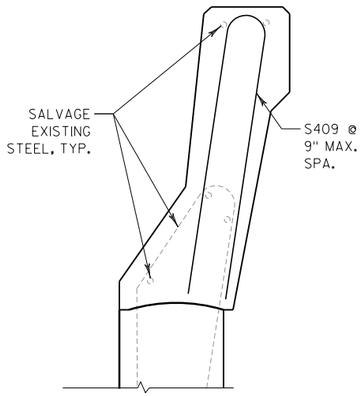
PARAPET REPLACEMENT ELEVATION

LOOKING EAST AT NORTH EXP. JOINT
(EAST PARAPET SHOWN, WEST PARAPET SIMILAR)



PARAPET REPLACEMENT ELEVATION

LOOKING EAST AT SOUTH EXP. JOINT
(EAST PARAPET SHOWN, WEST PARAPET SIMILAR)



SECTION THRU SLOPE FACE PARAPET "B"

ON WINGWALL

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-25

DRAWN BY JRM | PLANS CK'D. MDR

EXPANSION JOINT DETAILS 2

SHEET 4 OF 5

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8

8

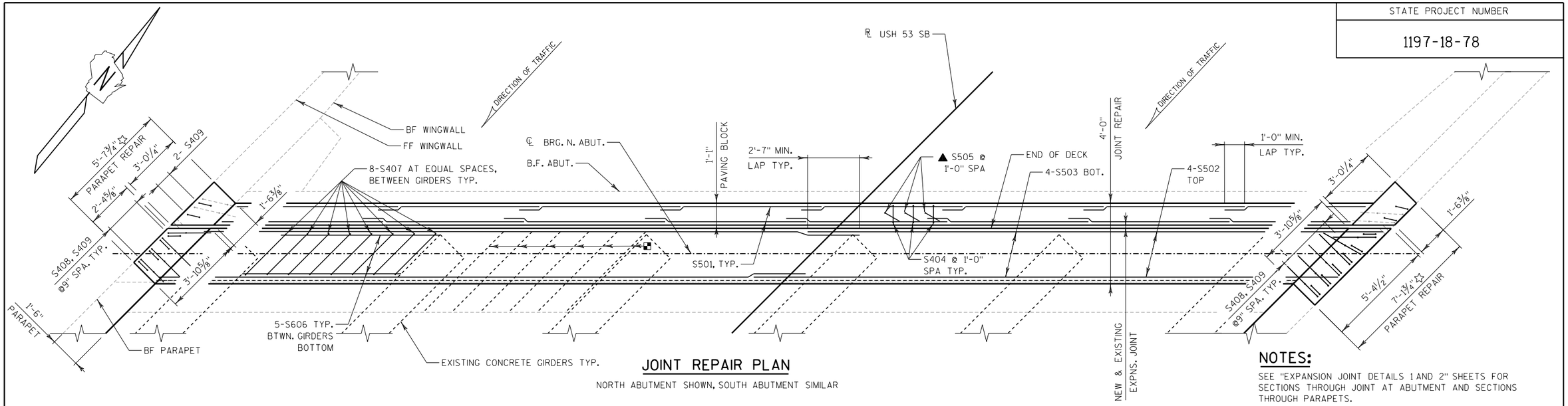
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PLOT DATE : 10/17/2022

PLOT BY : jrm

STATE PROJECT NUMBER

1197-18-78



JOINT REPAIR PLAN

NORTH ABUTMENT SHOWN, SOUTH ABUTMENT SIMILAR

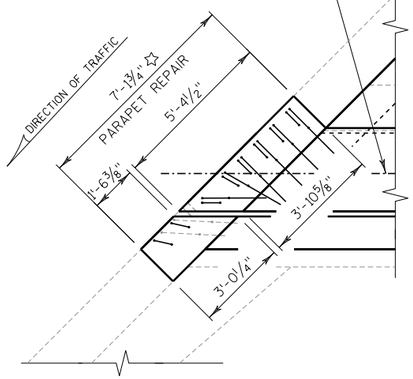
NOTES:

SEE "EXPANSION JOINT DETAILS 1 AND 2" SHEETS FOR SECTIONS THROUGH JOINT AT ABUTMENT AND SECTIONS THROUGH PARAPETS.

▪ SALVAGE EXISTING LONGITUDINAL DECK AND PARAPET REINFORCEMENT AND EXTEND FULL LENGTH INTO NEW WORK. INCORPORATE 1'-6" MIN OF EXIST. TRANSVERSE STEEL WITHIN REMOVAL LIMITS AT JOINT REPAIR.

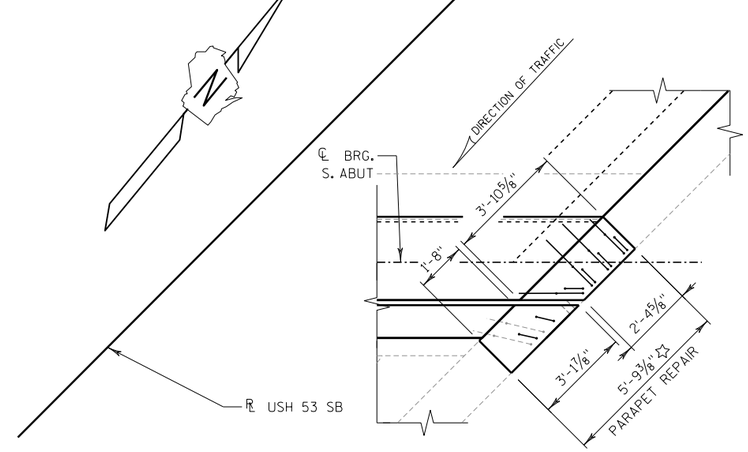
☆ EXTENT OF PARAPET REMOVAL AND REPLACEMENT.

▲ DENOTES ADHESIVE ANCHORS NO. 5 BAR.



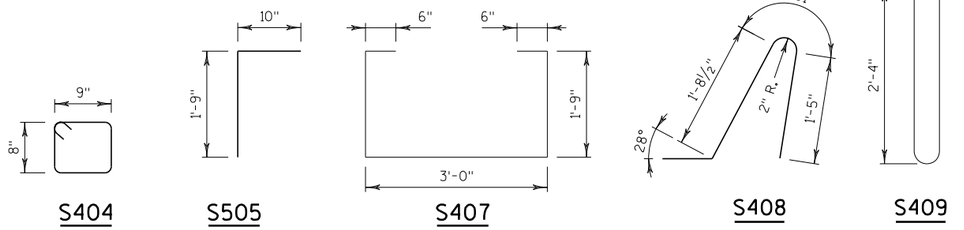
PARAPET REPLACEMENT PLAN

SOUTHWEST PARAPET SHOWN



PARAPET REPLACEMENT PLAN

SOUTHEAST PARAPET SHOWN



BILL OF BARS

BAR MARK	COAT	NO.	LENGTH	BENT	LOCATION
S501	X	48	7'-11"		PAVING NOTCH TRANSVERSE
S502	X	16	31'-6"		EXP JT TOP TRANSVERSE
S503	X	16	31'-6"		EXP JT BOT TRANSVERSE
S404	X	114	3'-4"	X	PAVING NOTCH STIRRUP
▲ S505	X	114	2'-7"	X	PAVING NOTCH ANCHOR
S606	X	50	9'-2"		EXP JT TRANSVERSE
S407	X	80	7'-2"	X	EXP JT STIRRUP
S408	X	20	4'-3"	X	PARAPET VERTICAL
S409	X	20	4'-10"	X	PARAPET VERTICAL
S410	X	20	9'-2"		EXP JT TRANSVERSE

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-25

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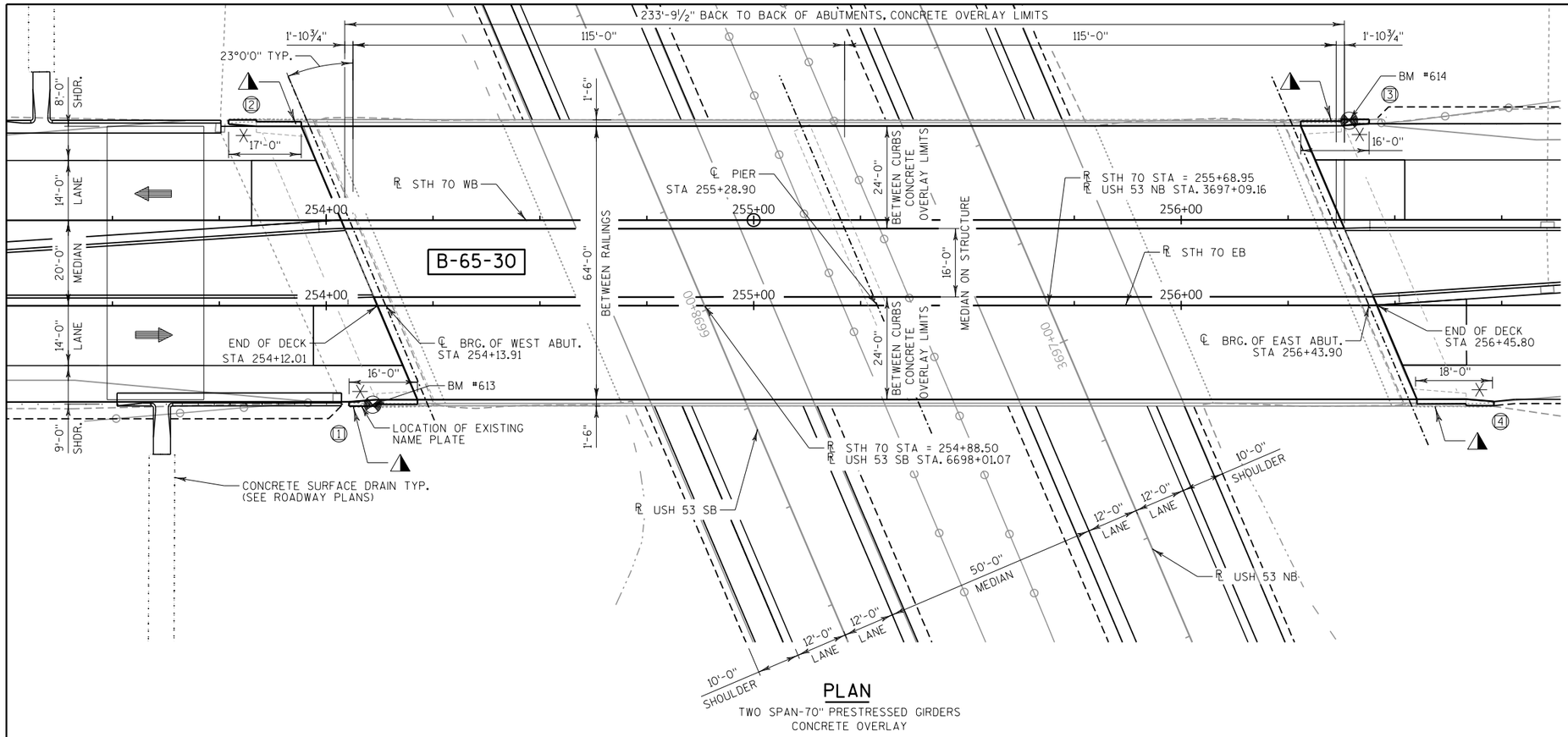
EXPANSION JOINT DETAILS 3

SHEET 5 OF 5

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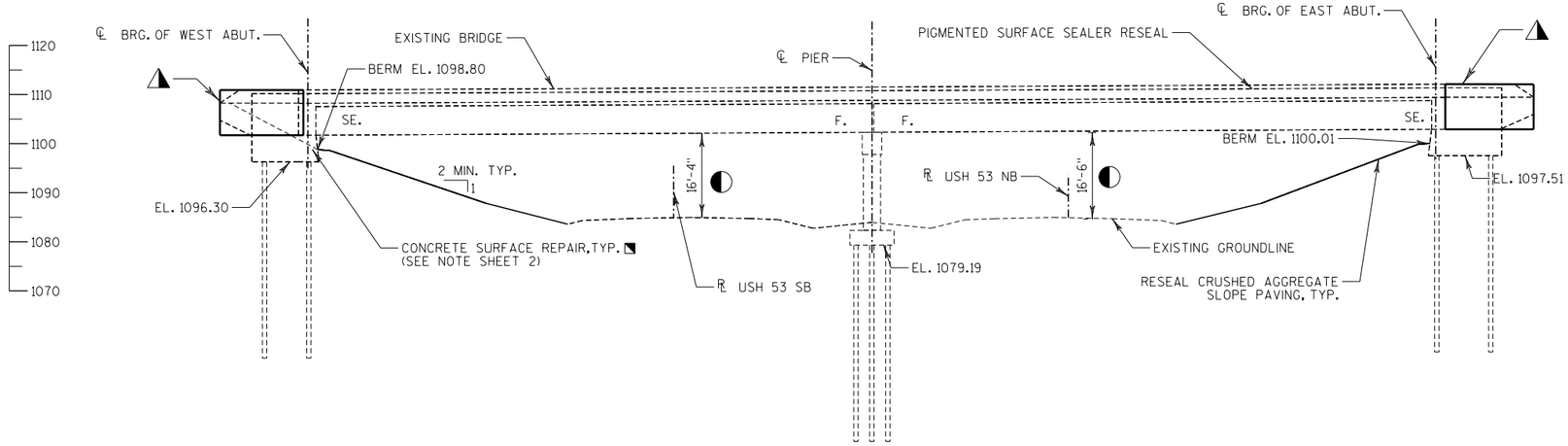
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PLAN

TWO SPAN-70" PRESTRESSED GIRDERS
CONCRETE OVERLAY



ELEVATION

(LOOKING NORTH)

BENCH MARK

NO.	STATION	OFFSET	DESCRIPTION	ELEV.
613	254+10.86 STH 70	23.17 (RT)	BM CUT X-SQUARE IN CONCRETE	1111.18
614	256+39.32 STH 70	43.21 (LT)	BM CUT X-SQUARE IN CONCRETE	1112.35

NOTES

- (X) DENOTES WINGWALL NUMBER
- THRIE BEAM RAIL ATTACHMENT
- MINIMUM VERTICAL CLEARANCES RECORDED FROM BRIDGE INSPECTION REPORT DATED 8-23-2019
- REMOVE AND REPLACE WINGWALL

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HS-20
INVENTORY RATING: HS-17
OPERATING RATING: HS-28
WISCONSIN STD. PERMIT VEHICLE (WIS-SPV) = 142 KIPS

MATERIAL PROPERTIES:

CONCRETE MASONRY OVERLAY DECKS — f'c = 4,000 psi

TRAFFIC DATA

STH 70:

ADT = 5,680 (2024)
ADT = 6,140 (2044)
RDS = 55 M.P.H.

USH 53 NB & SB:

ADT = 6,690 (2024)
ADT = 7,700 (2044)
RDS = 65 M.P.H.

LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION
2. TYPICAL SECTION AND QUANTITIES
3. WEST ABUTMENT WINGWALL DETAILS
4. EAST ABUTMENT WINGWALL DETAILS
5. SLOPED FACED PARAPET B

STRUCTURE DESIGN CONTACTS

BRIDGE OFFICE: AARON BONK (608) 261-0261
CONSULTANT: JOSH MITCHELL (414) 939-7023

WISCONSIN PROFESSIONAL ENGINEER
JOSHUA R. MITCHELL
E-46242-6
MILWAUKEE, WI
10/17/22

NO.	DATE	REVISION	BY

emcs inc
1300 W. Canal Street, Suite 200
Milwaukee, WI 53233
414.347.1607 Fax 414.347.1347

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED SDR 11/15/22
CHIEF STRUCTURES DESIGN ENGINEER DATE

STATE PROJECT NUMBER
1197-18-78

STRUCTURE B-65-30

STH 70 OVER USH 53

COUNTY	TOWN
WASHBURN	SPOONER

DESIGN SPEC. REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
JRM	MDR	JRM	MDR

GENERAL PLAN & ELEVATION

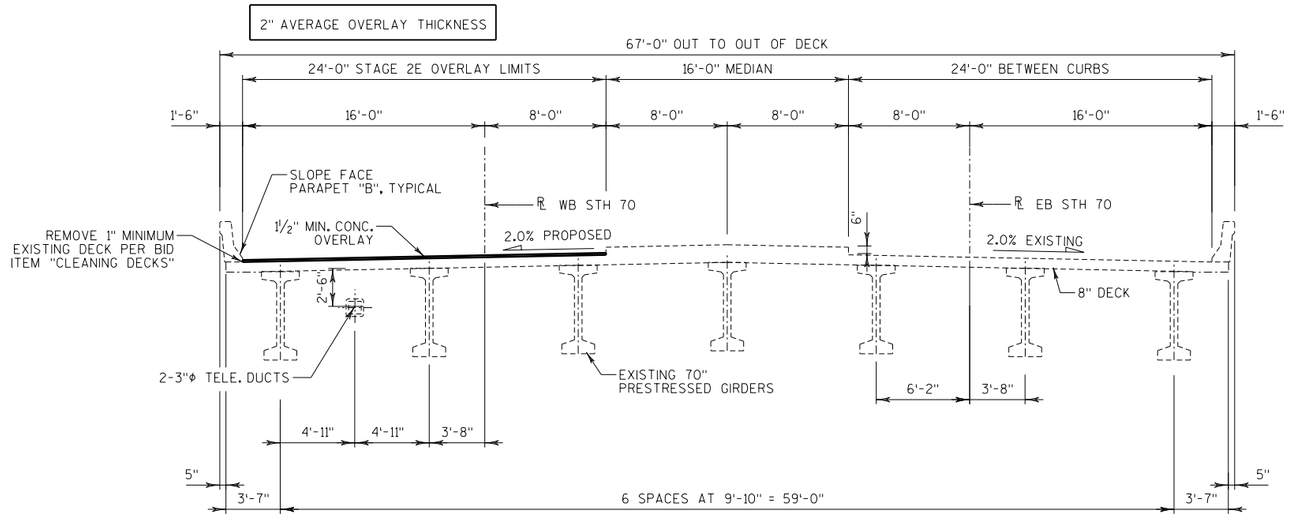
SHEET 1 OF 5
524

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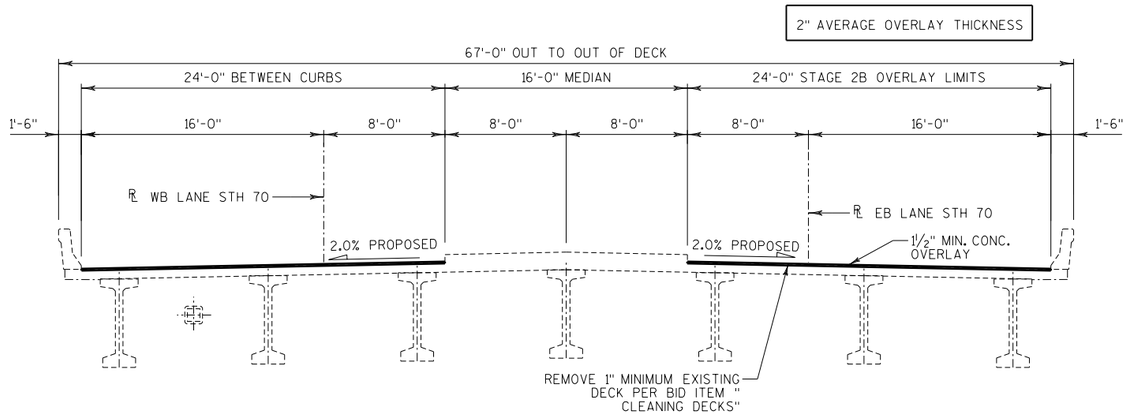
STATE PROJECT NUMBER

1197-18-78



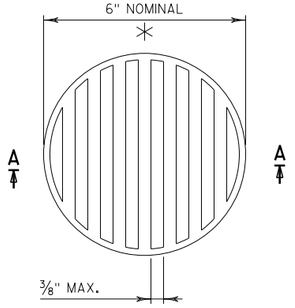
STAGE 2E TYPICAL SECTION THRU STH 70

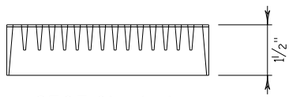
LOOKING EAST



STAGE 2B TYPICAL SECTION THRU STH 70

LOOKING EAST





SECTION A-A

RODENT SHIELD

✳ DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD PIPE COUPLING AND SCREWS SHALL BE INCLUDED WITH THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.

ALL STATIONS AND ALL ELEVATIONS ARE IN FEET. ELEVATIONS REFERENCED TO NAVD 88.

SEAL OVERLAY CONSTRUCTION JOINTS ACCORDING TO SECTION 502.3.13.1 OF THE STANDARD SPECIFICATION. COST IS CONSIDERED INCLUDED IN BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

A MINIMUM OF 1" OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER BID ITEM "CLEANING DECKS".

PREPARATION DECKS TYPE 1, TYPE 2, AND FULL DEPTH DECK REPAIR ARE BASED ON THE PLANS AND AS DETERMINED BY THE FIELD ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY OVERLAY DECKS".

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY AT THE ABUTMENTS IS TO BE INCLUDED IN WORK FOR BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

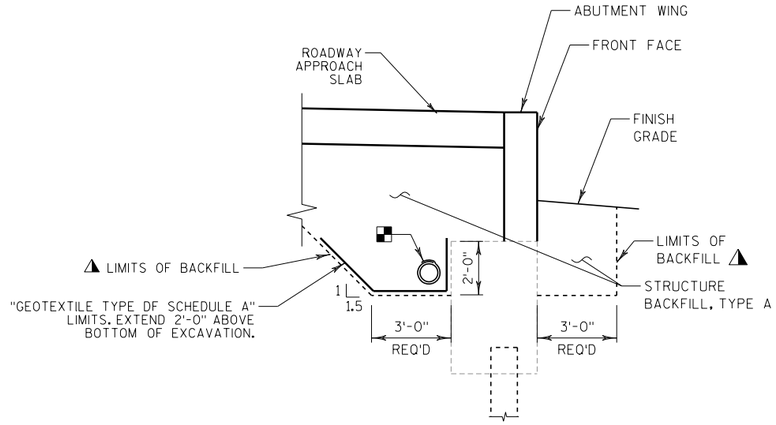
PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 1½" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. EXPECTED AVERAGE OVERLAY THICKNESS IS 2". THE AVERAGE OVERLAY THICKNESS IS BASED ON THE MINIMUM OVERLAY THICKNESS PLUS 1/2-INCH TO ACCOUNT FOR VARIATIONS IN THE DECK SURFACE. IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION.

ALL CONCRETE REMOVAL NOT COVERED WITH CONCRETE OVERLAY SHALL BE DEFINED BY A 1" DEEP SAW CUT.

PIGMENTED SURFACE SEALER RESEAL WILL BE APPLIED TO THE TOPS AND INSIDE FACES OF THE PARAPETS FROM END OF WINGWALL TO END OF WINGWALL. SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "PIGMENTED SURFACE SEALER RESEAL".

PROTECTIVE SURFACE TREATMENT WILL BE APPLIED TO THE TOP AND VERTICAL FACE OF THE PAVING NOTCHES AND TO THE ENTIRE TOP SURFACE OF THE NEW CONCRETE OVERLAY.

◥ CONCRETE SURFACE REPAIR QUANTITIES ARE AN ESTIMATE ONLY. ACTUAL QUANTITIES TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE FIELD ENGINEER.



TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEMS	UNIT	TOTAL
203.0220	REMOVING STRUCTURE B-65-30	EACH	1
206.1001	EXCAVATION FOR STRUCTURES BRIDGES B-65-30	EACH	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	355
502.0100	CONCRETE MASONRY BRIDGES	CY	25
502.3200	PROTECTIVE SURFACE TREATMENT	SY	1,275
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	215
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	24
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	3,813
509.0301	PREPARATION DECKS TYPE 1	SY	494
509.0302	PREPARATION DECKS TYPE 2	SY	124
509.0500	CLEANING DECKS	SY	1,247
◥ 509.1500	CONCRETE SURFACE REPAIR	SF	20
509.2000	FULL-DEPTH DECK REPAIR	SY	13
509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	104
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	12
604.9015.S	RESEAL CRUSHED AGGREGATE SLOPE PAVING	SY	440
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	114
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	4
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	59
	NON-BID ITEMS		
	FILLER	SIZE	1/2"
	NAMEPLATE		

SECTION THRU WING

THE EXISTING GROUNDLINE SHALL BE THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-65-30

◭ BACKFILL PAY LIMITS. THE BACKFILL QUANTITIES ARE BASED ON THE PAY LIMITS SHOWN ON THE PLANS AND MAY NOT REFLECT ACTUAL PLACED QUANTITIES. "BACKFILL STRUCTURE TYPE A" REQUIRED DIRECTLY BEHIND ABUTMENTS AND ABUTMENT WINGS FOR 3 FEET. BACKFILL PLACED BEYOND PAY LIMITS OR EXCEEDING PLAN QUANTITIES SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES.

◪ PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAILS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-30

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TYPICAL SECTION & QUANTITIES

SHEET 2 OF 5

525

8

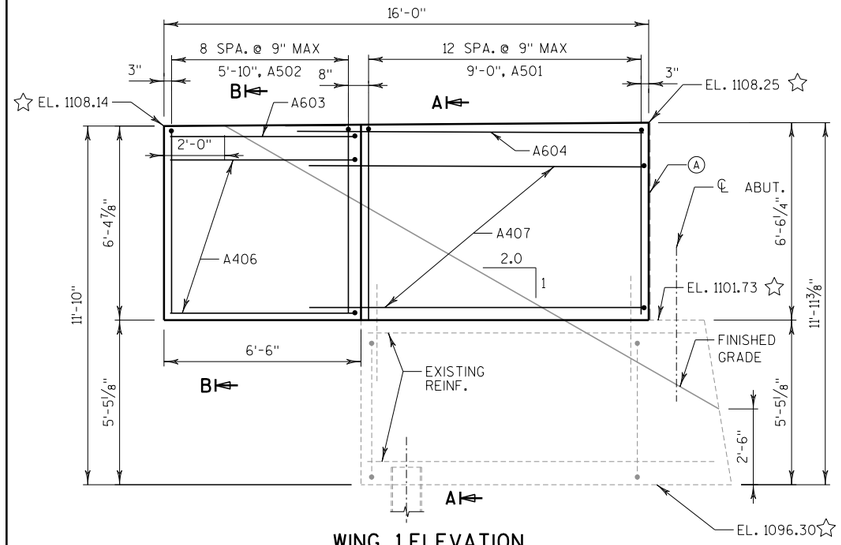
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FILE NAME : N:±50xx±5093.DP.18.USH53.BAR-WBN±09 STRUCTURES±B-65-30±Plan±080102_ts_b650030.dgn

PLOT DATE : 10/17/2022

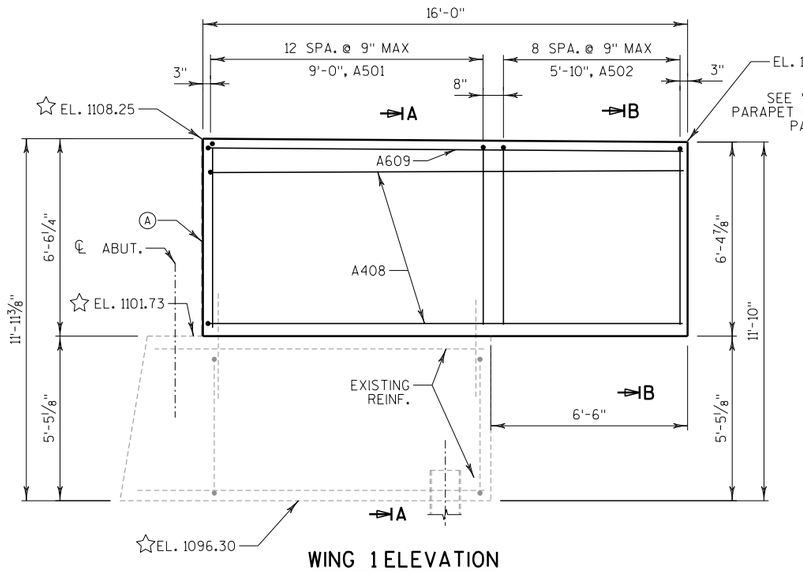
PLOT BY : jrm

STATE PROJECT NUMBER
1197-18-78



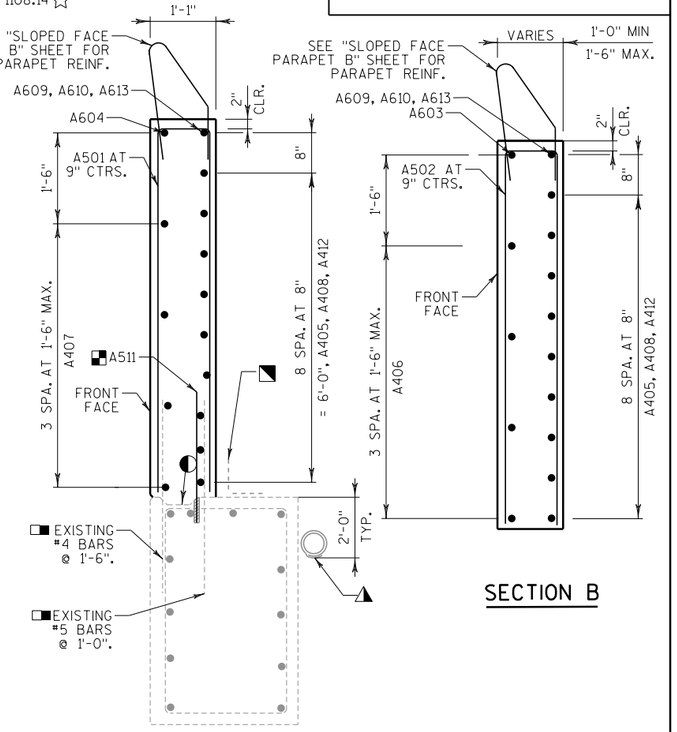
WING 1 ELEVATION

(FRONT FACE, LOOKING NORTH)



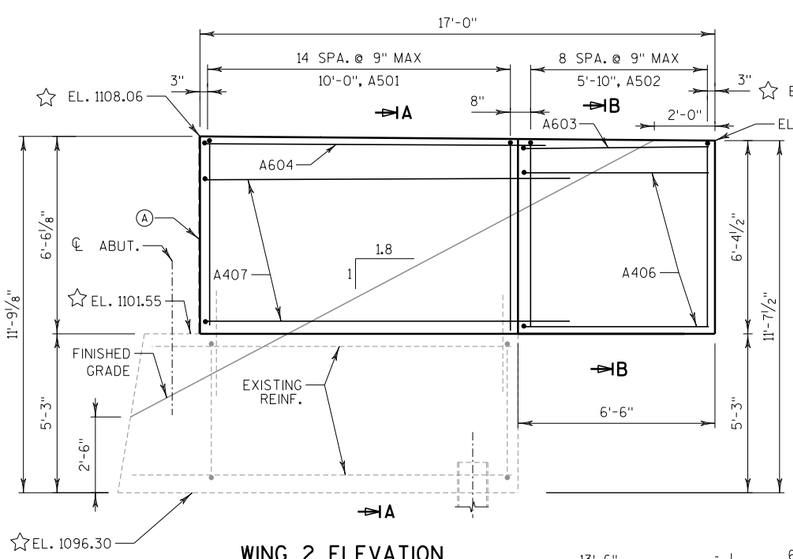
WING 1 ELEVATION

(BACK FACE, LOOKING SOUTH)



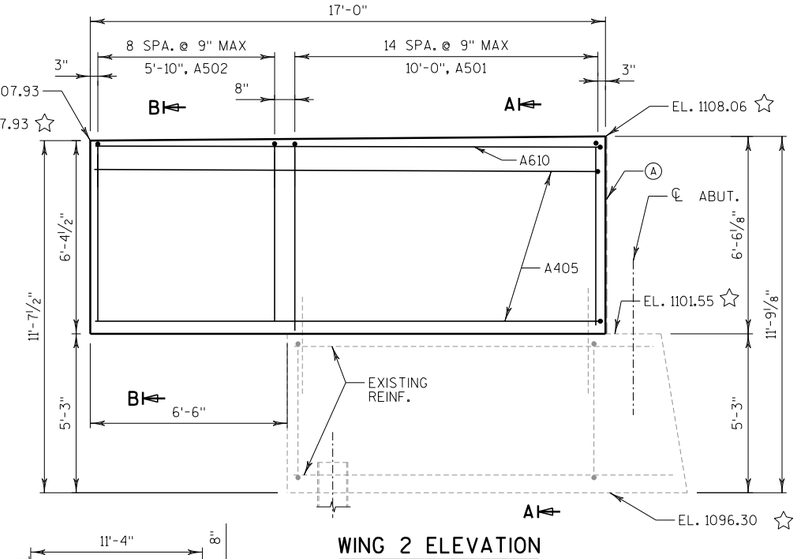
SECTION B

SECTION A



WING 2 ELEVATION

(FRONT FACE, LOOKING SOUTH)



WING 2 ELEVATION

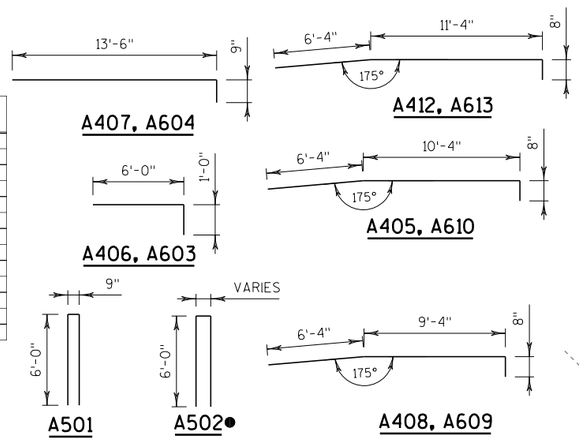
(BACK FACE, LOOKING NORTH)

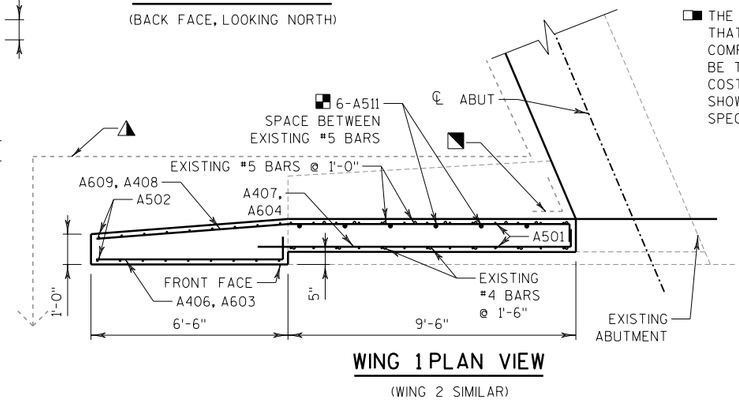
BILL OF BARS

BAR MARK	COAT	NO.	LENGTH	BENT	LOCATION
A501	X	57	12'-6"	X	WING STIRRUPS
A502	X	36	12'-8"	X	WING STIRRUPS
A603	X	4	6'-10"	X	WING TOP FF
A604	X	4	14'-1"	X	WING TOP FF
A405	X	9	17'-4"	X	WING 2 HORIZ. BF
A406	X	16	6'-11"	X	WING HORIZ. FF
A407	X	8	14'-2"	X	WING HORIZ. FF
A408	X	18	16'-4"	X	WING 1 & 3 HORIZ. BF
A609	X	2	16'-3"	X	WING 1 & 3 HORIZ. TOP BF
A610	X	1	17'-3"	X	WING 2 HORIZ. TOP BF
A511	X	24	2'-6"		WING DOWELL
A412	X	9	18'-4"	X	WING 4 HORIZ. BF
A613	X	1	18'-3"	X	WING 4 HORIZ. TOP BF

BAR SERIES●

MARK	NO. REQUIRED			LENGTH		
A502	4	SERIES	OF 9	12'-5"	TO	12'-11"





WING 1 PLAN VIEW

(WING 2 SIMILAR)

LEGEND

- 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACKFACE.
- EXISTING CONST. JOINT
- (A) ½" FILLER, SEALER. EXTEND TO TOP OF PARAPET
- 6" PERFORATED DRAIN PIPE. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. RODENT SHIELD TO BE INCLUDED IN BID PRICE OF "PIPE UNDERDRAIN WRAPPED 6-INCH".
- ☆ ELEVATIONS FROM EXISTING 1985 AS-BUILT PLANS.
- ADHESIVE ANCHORS NO. 5 BAR. EMBED 6" IN CONCRETE. ANCHORS SHALL BE APPROVED FOR USE IN CRACKED CONCRETE.
- THE CONTRACTOR MUST PROTECT THE EXISTING REINFORCEMENT STEEL THAT REMAINS DURING DEMOLITION. REPLACEMENT OF ABUTMENT COMPONENTS DAMAGED DURING THE REMOVAL OF THE EXISTING WALL WILL BE THE CONTRACTORS RESPONSIBILITY AND REPLACED AT NO ADDITIONAL COST TO THE OWNER. UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-30

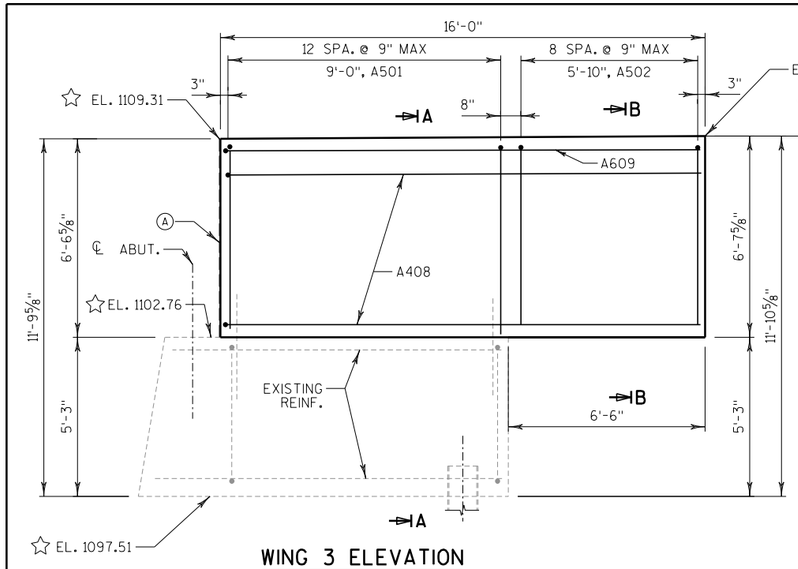
DRAWN BY JRM | PLANS CK'D. MDR

WEST ABUTMENT WINGWALL DETAILS

SHEET 3 OF 5
526

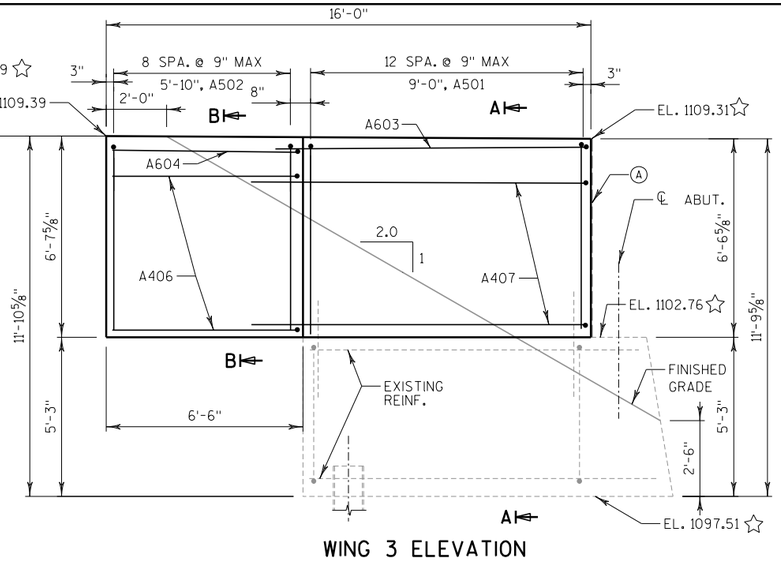
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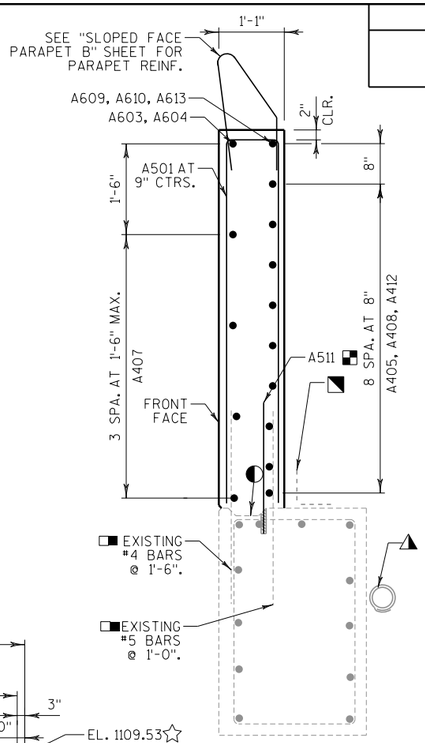
WING 3 ELEVATION

(BACK FACE, LOOKING NORTH)

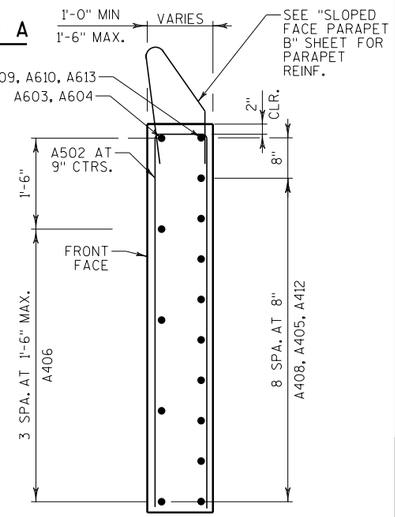


WING 3 ELEVATION

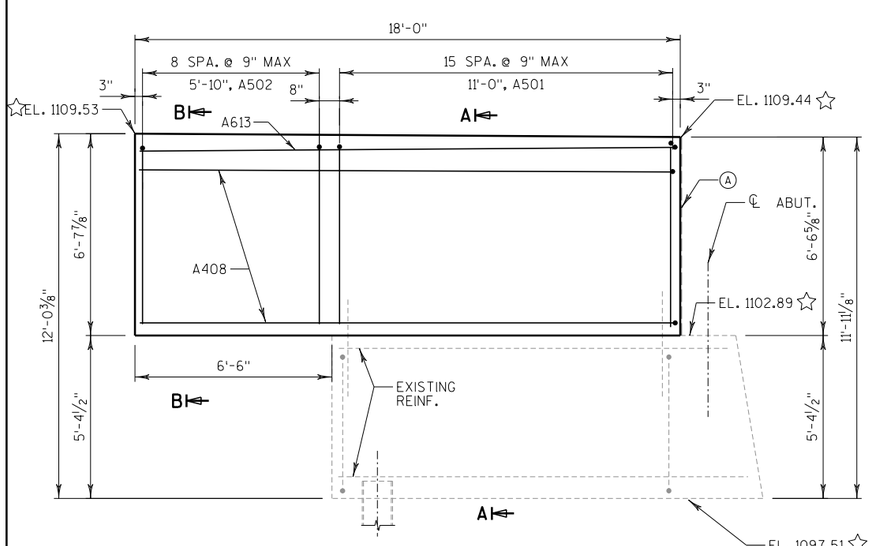
(FRONT FACE, LOOKING SOUTH)



SECTION A

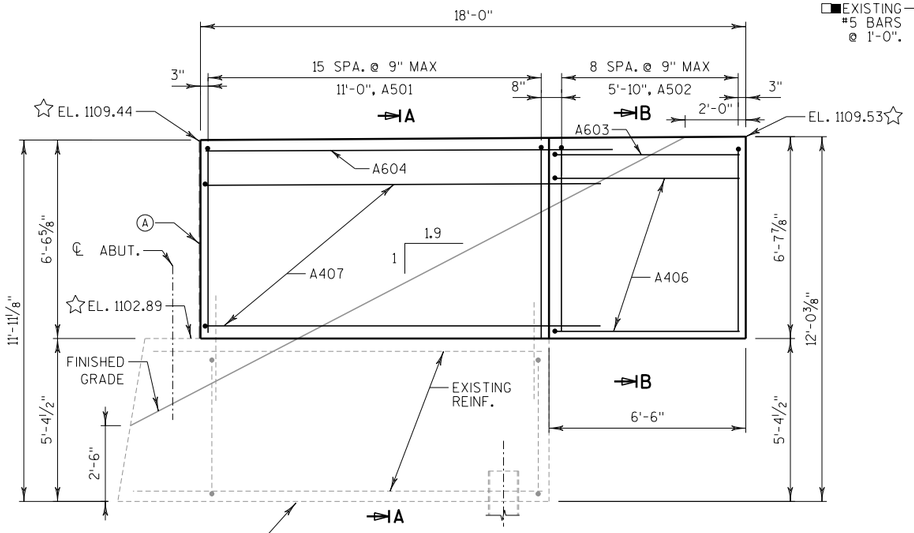


SECTION B



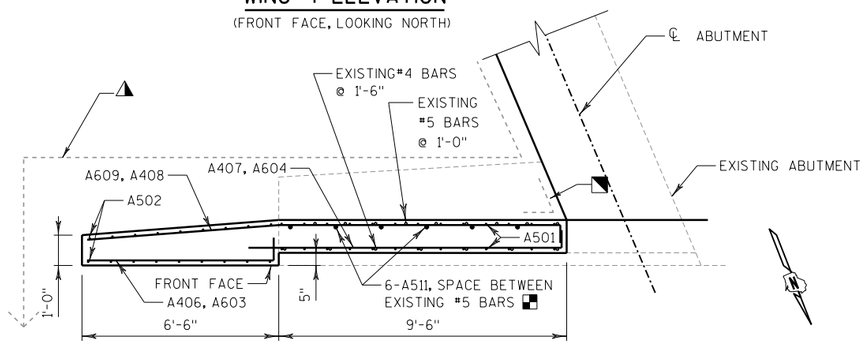
WING 4 ELEVATION

(BACK FACE, LOOKING SOUTH)



WING 4 ELEVATION

(FRONT FACE, LOOKING NORTH)



WING 3 PLAN VIEW

(WING 4 SIMILAR)

LEGEND

- 18" RUBBERIZED MEMBRANE WATERPROOFING. SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACKFACE.
- EXISTING CONST. JOINT
- (A) ½" FILLER, SEALER, EXTEND TO TOP OF PARAPET
- 6" PERFORATED DRAIN PIPE. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. RODENT SHIELD TO BE INCLUDED IN BID PRICE OF "PIPE UNDERDRAIN WRAPPED 6-INCH".
- ☆ ELEVATIONS FROM EXISTING 1985 AS-BUILT PLANS.
- ADHESSIVE ANCHORS NO. 5 BAR. EMBED 6" IN CONCRETE. ANCHORS SHALL BE APPROVED FOR USE IN CRACKED CONCRETE.
- THE CONTRACTOR MUST PROTECT THE EXISTING REINFORCEMENT STEEL THAT REMAINS DURING DEMOLITION. REPLACEMENT OF ABUTMENT COMPONENTS DAMAGED DURING THE REMOVAL OF THE EXISTING WALL WILL BE THE CONTRACTORS RESPONSIBILITY AND REPLACED AT NO ADDITIONAL COST TO THE OWNER. UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

STATE PROJECT NUMBER

1197-18-78

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-30

DRAWN BY JRM | PLANS CK'D. MDR

EAST ABUTMENT WINGWALL DETAILS

SHEET 4 OF 5

527

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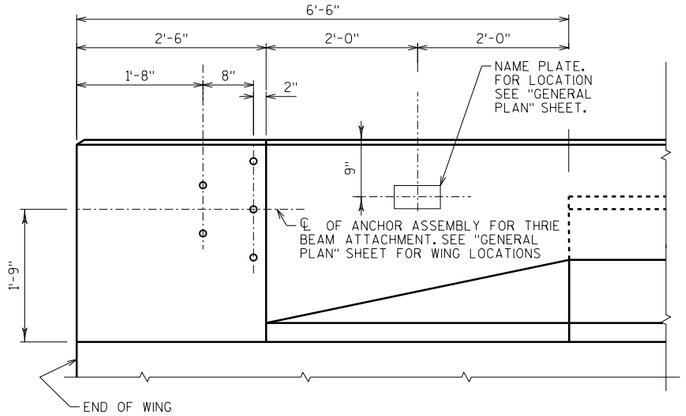
FILE NAME : N:±50xx±5093.DP.18.USH53.BAR-WBN±09 STRUCTURES±B-65-30±Plan±080104_EastWings_B650030.dgn

PLOT DATE : 10/17/2022

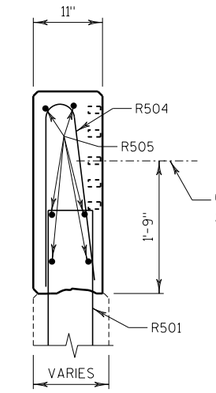
PLOT BY : jrm

STATE PROJECT NUMBER

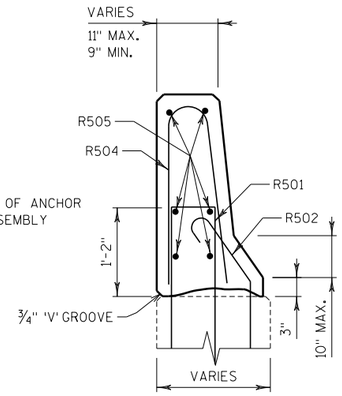
1197-18-78



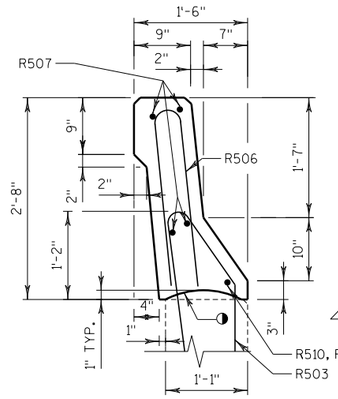
INSIDE ELEVATION



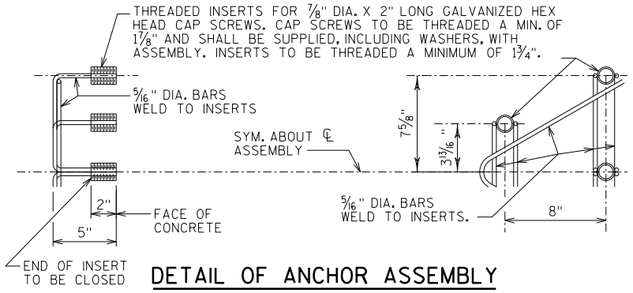
SECTION A



SECTION B



SECTION C



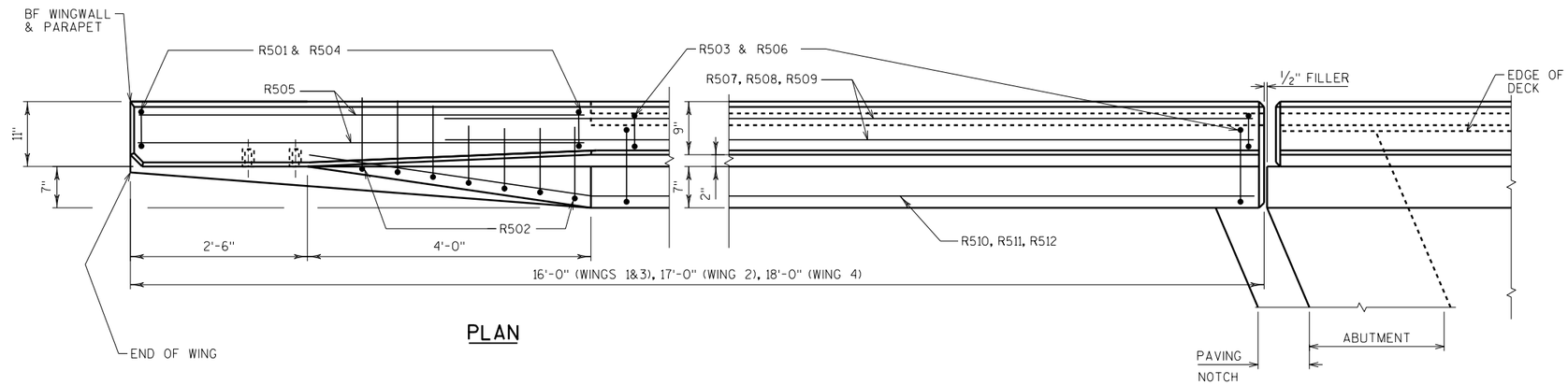
DETAIL OF ANCHOR ASSEMBLY

NOTE: HEX HEAD CAP SCREWS & WASHERS TO BE GALVANIZED IN ACCORDANCE WITH AASHTO M232 CLASS C.

ASSEMBLY SHALL BE BID ITEM "ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD", EACH.

LEGEND

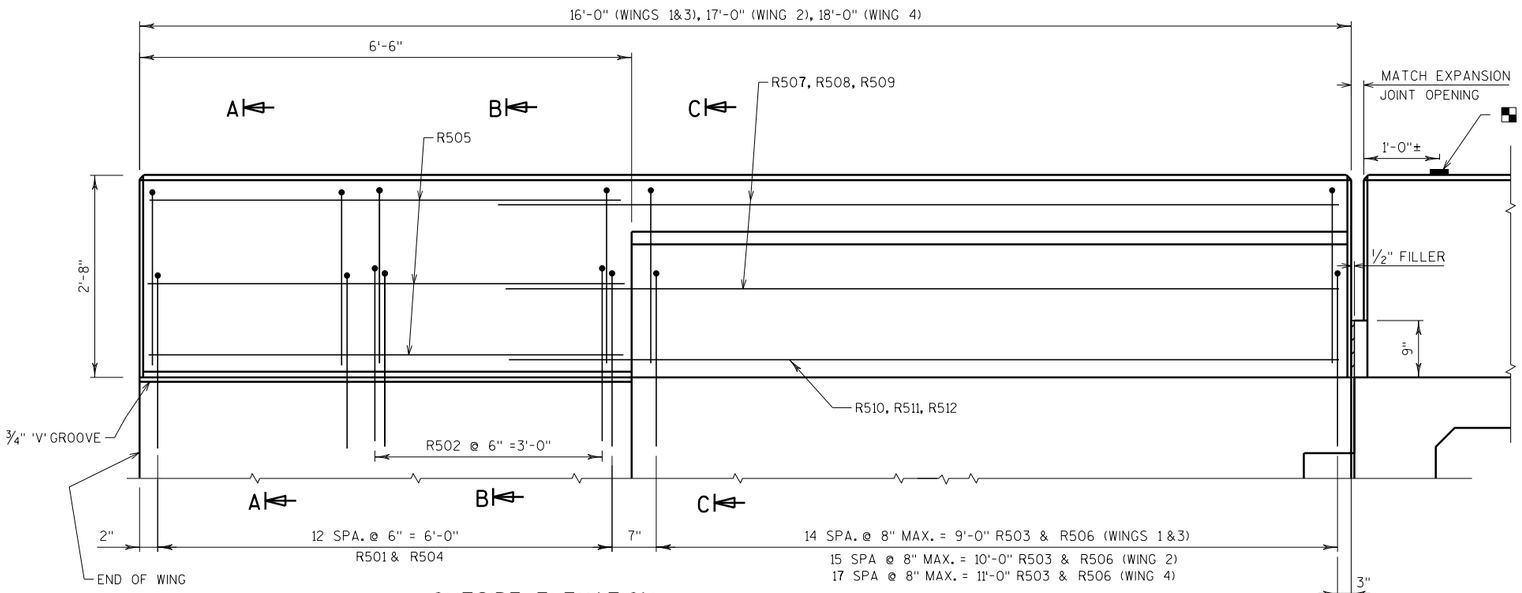
- ■ BENCH MARK CAP (WHEN SUPPLIED).
- ◑ CONSTRUCTION JOINT. STRIKE OFF AS SHOWN AND FINISH WITH A WOODEN TROWEL.



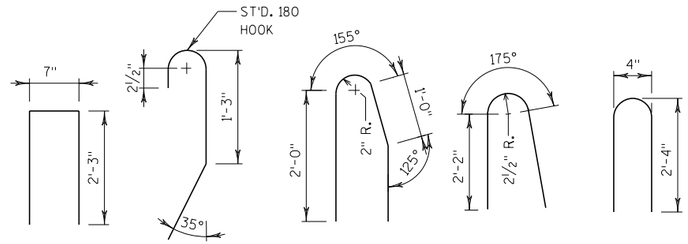
PLAN

BILL OF BARS

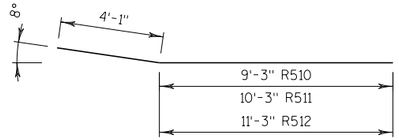
BAR MARK	COAT	NO.	LENGTH	BENT	LOCATION
R501	X	60	4'-11"	X	STIRRUPS SET INTO WING
R502	X	16	3'-1"	X	PARAPET VERTICAL
R503	X	64	4'-7"	X	STIRRUPS SET INTO WING
R504	X	60	5'-0"	X	PARAPET VERTICAL
R505	X	24	6'-2"		PARAPET HORIZONTAL
R506	X	64	4'-10"	X	PARAPET VERTICAL
R507	X	10	12'-4"		PARAPET HORIZ - WING 1 & 3
R508	X	5	13'-4"		PARAPET HORIZ - WING 2
R509	X	5	14'-4"		PARAPET HORIZ - WING 4
R510	X	2	13'-4"	X	PARAPET HORIZ - WING 1 & 3
R511	X	1	14'-4"	X	PARAPET HORIZ - WING 2
R512	X	1	15'-4"	X	PARAPET HORIZ - WING 4



OUTSIDE ELEVATION



R501 R502 R503 R504 R506



R510, R511, R512

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-65-30

DRAWN BY JRM | PLANS CK'D. MDR

SLOPED FACE PARAPET 'B'

SHEET 5 OF 5

528

8

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FILE NAME : N:±50xx±5093.DP.18.USH53.BAR-WBN±09 STRUCTURES±B-65-30±Plan±080105_Parapets_B650030.dgn

PLOT DATE : 10/17/2022

PLOT BY : jrm

STAGE 1A - TEMPORARY CROSSOVER SOUTH PROJECT LIMIT - STA 6580+46 TO STA 6586+40 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6580+46	0	20	0	0	0	0	0	0
6581+00	54	16	1	36	1	36	1	35
6582+00	100	12	4	52	9	88	12	76
6583+00	100	13	3	46	13	134	28	106
6584+00	100	13	0	48	6	182	36	146
6584+52	52	12	0	24	0	206	36	170
6585+00	48	12	0	21	0	227	36	191
6586+00	100	12	0	44	0	271	36	235
6586+40	40	12	0	18	0	289	36	253
				289	29			

STAGE 1A - TEMPORARY CROSSOVER STH 70 NB ENTRANCE GORE - STA 13+17 TO STA 15+50 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
13+17	0	11	0	0	0	0	0	0
13+75	58	11	0	24	0	24	0	24
14+00	25	11	0	10	0	34	0	34
14+45	45	11	0	18	0	52	0	52
14+51	6	26	0	4	0	56	0	56
15+00	49	23	0	44	0	100	0	100
15+50	50	16	0	36	0	136	0	136
				136	0			

STAGE 1A -TEMPORARY CROSSOVER STH 70 NB EXIT RAMP - STA 10+01 TO STA 29+41 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) CUT (EBS) NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT (EBS) NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED EBS NOTE 3 1.25	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
10+01	0	8	34	0	0	0	0	0	0	0	0
10+50	49	8	31	0	15	59	0	15	74	0	-59
11+00	50	8	31	4	15	57	4	30	145	5	-120
11+18	18	8	32	8	5	21	4	35	171	10	-146
12+00	82	11	30	23	29	94	47	64	289	69	-294
13+00	100	14	31	24	46	113	87	110	430	178	-498
14+00	100	14	31	25	52	115	91	162	574	292	-704
15+00	100	14	32	28	52	117	98	214	720	415	-921
16+00	100	13	31	30	50	117	107	264	866	549	-1151
17+00	100	10	31	27	43	115	106	307	1010	682	-1385
18+00	100	9	31	33	35	115	111	342	1154	821	-1633
18+13	13	9	31	33	4	15	16	346	1173	841	-1668
18+52	39	10	39	28	14	51	44	360	1237	896	-1773
18+77	25	12	30	25	10	32	25	370	1277	927	-1834
18+78	1	5	30	25	0	1	1	370	1278	928	-1836
19+00	22	5	29	25	4	24	20	374	1308	953	-1887
20+00	100	1	31	28	11	111	98	385	1447	1076	-2138
20+74	74	1	34	28	3	89	77	388	1558	1172	-2342
20+75	1	9	34	28	0	1	1	388	1559	1173	-2344
21+00	25	10	33	29	9	31	26	397	1598	1206	-2407
21+56	56	10	31	29	21	66	60	418	1681	1281	-2544
22+00	44	9	32	29	15	51	47	433	1745	1340	-2652
23+00	100	10	34	13	35	122	78	468	1898	1438	-2868
23+94	94	10	32	0	35	115	23	503	2042	1467	-3006
24+00	6	9	32	0	2	7	0	505	2051	1467	-3013
24+31	31	10	31	0	11	36	0	516	2096	1467	-3047
25+00	69	0	32	0	13	81	0	529	2197	1467	-3135
26+00	100	0	33	0	0	120	0	529	2347	1467	-3285
27+00	100	0	30	0	0	117	0	529	2493	1467	-3431
28+00	100	0	37	0	0	124	0	529	2648	1467	-3586
29+00	100	0	30	0	0	124	0	529	2803	1467	-3741
29+41	41	0	33	0	0	48	0	529	2863	1467	-3801
					529	2289	1171				

STAGE 1A - TEMPORARY CROSSOVER STH 70 NB ENTRANCE RAMP - STA 15+95 TO STA 27+60 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
15+95	0	11	0	0	0	0	0	0
16+00	5	11	0	2	0	2	0	2
16+04	4	12	0	2	0	4	0	4
16+38	34	11	7	14	4	18	5	13
16+91	53	11	18	22	25	40	36	4
17+00	9	11	19	4	6	44	44	0
17+12	12	11	21	5	9	49	55	-6
17+14	2	3	22	1	2	50	58	-8
17+42	28	1	25	2	24	52	88	-36
18+00	58	2	22	3	50	55	151	-96
18+20	20	3	22	2	16	57	171	-114
18+21	1	10	22	0	1	57	172	-115
18+52	31	10	21	11	25	68	203	-135
19+00	48	9	22	17	38	85	251	-166
19+32	32	10	21	11	25	96	282	-186
20+00	68	10	7	25	35	121	326	-205
21+00	100	10	8	37	28	158	361	-203
22+00	100	10	8	37	30	195	399	-204
22+04	4	10	8	1	1	196	400	-204
23+00	96	9	8	34	28	230	435	-205
24+00	100	8	10	31	33	261	476	-215
25+00	100	8	8	30	33	291	517	-226
25+31	31	8	8	9	9	300	528	-228
26+00	69	8	1	20	12	320	543	-223
27+00	100	12	0	37	2	357	546	-189
27+60	60	14	0	29	0	386	546	-160
				386	436			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 1A - TEMPORARY GUARDRAIL (YELLOW RIVER) NORTH - STA 6722+88 TO STA 6724+64 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6722+88	0	7	0	0	0	0	0
6723+00	12	6	3	0	3	0	3
6723+10	10	6	2	0	5	0	5
6723+35	25	6	6	0	11	0	11
6723+60	25	5	5	3	16	4	12
6723+66	6	5	1	1	17	5	12
6724+00	34	4	6	4	23	10	13
6724+26	26	4	4	2	27	13	14
6724+64	38	4	6	1	33	14	19
			33	11			

STAGE 1A - TEMPORARY WIDENING CTH H RT - STA 6784+90 TO STA 6803+28 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6784+90	0	12	0	0	0	0	0	0
6785+00	10	12	0	4	0	4	0	4
6785+45	45	12	0	20	0	24	0	24
6786+00	55	12	0	24	0	48	0	48
6787+00	100	11	1	43	2	91	3	88
6788+00	100	11	2	41	6	132	11	121
6788+78	78	11	3	32	7	164	20	144
6789+00	22	11	3	9	2	173	23	150
6790+00	100	12	1	43	7	216	32	184
6791+00	100	13	1	46	4	262	37	225
6792+00	100	12	0	46	2	308	40	268
6793+00	100	13	0	46	0	354	40	314
6793+56	56	28	0	43	0	397	40	357
6793+68	12	37	0	14	0	411	40	371
6793+78	10	40	0	14	0	425	40	385
6794+00	22	41	0	33	0	458	40	418
6794+12	12	41	0	18	0	476	40	436
6794+21	9	39	0	13	0	489	40	449
6794+43	22	39	0	32	0	521	40	481
6794+48	5	39	0	7	0	528	40	488
6794+81	33	29	1	42	1	570	41	529
6794+88	7	27	1	7	0	577	41	536
6795+00	12	25	0	12	0	589	41	548
6795+13	13	25	0	12	0	601	41	560
6795+41	28	24	0	25	0	626	41	585
6796+00	59	22	0	50	0	676	41	635
6797+00	100	21	0	80	0	756	41	715
6797+93	93	22	0	74	0	830	41	789
6798+00	7	22	0	6	0	836	41	795
6798+79	79	22	0	64	0	900	41	859
6799+00	21	21	0	17	0	917	41	876
6799+04	4	20	0	3	0	920	41	879
6799+31	27	18	0	19	0	939	41	898
6799+43	12	17	0	8	0	947	41	906
6800+00	57	13	1	32	1	979	42	937
6801+00	100	12	1	46	4	1025	47	978
6802+00	100	12	0	44	2	1069	50	1019
6802+18	18	12	0	8	0	1077	50	1027
6803+00	82	14	0	39	0	1116	50	1066
6803+28	28	13	0	14	0	1130	50	1080
				1130	38			

STAGE 1A - TEMPORARY CROSSOVER USH 63 NB EXIT RAMP - STA 10+44 TO STA 19+45 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
10+44	0	17	0	0	0	0	0	0
11+00	56	13	6	31	6	31	8	23
12+00	100	10	12	43	33	74	49	25
12+01	1	10	12	0	0	74	49	25
13+00	99	10	14	37	48	111	109	2
14+00	100	11	12	39	48	150	169	-19
15+00	100	11	13	41	46	191	227	-36
16+00	100	11	17	41	56	232	297	-65
16+48	48	11	20	20	33	252	338	-86
16+55	7	11	6	3	3	255	342	-87
17+00	45	9	19	17	21	272	368	-96
17+09	9	6	24	3	7	275	377	-102
17+10	1	2	24	0	1	275	378	-103
17+30	20	1	35	1	22	276	406	-130
18+00	70	2	76	4	144	280	586	-306
18+05	5	3	76	0	14	280	604	-324
18+07	2	10	76	0	6	280	612	-332
18+30	23	10	65	9	60	289	687	-398
19+00	70	10	18	26	108	315	822	-507
19+32	32	10	0	12	11	327	836	-509
19+45	13	10	0	5	0	332	836	-504
				332	667			

STAGE 1A - TEMPORARY WIDENING USH 63 SB EXIT RAMP - STA 6811+50 TO STA 6830+26 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6811+50	0	19	0	0	0	0	0	0
6811+85	35	20	0	25	0	25	0	25
6812+00	15	20	0	11	0	36	0	36
6812+15	15	22	1	12	0	48	0	48
6812+24	9	26	0	8	0	56	0	56
6812+60	36	87	0	75	0	131	0	131
6813+00	40	29	4	86	3	217	4	213
6813+57	57	21	10	53	15	270	23	247
6814+00	43	20	12	33	18	303	46	257
6814+25	25	22	11	19	11	322	60	262
6814+63	38	21	8	30	13	352	76	276
6815+00	37	15	7	25	10	377	89	288
6815+17	17	15	6	9	4	386	94	292
6815+67	50	20	5	32	10	418	107	311
6816+00	33	17	4	23	6	441	115	326
6817+00	100	17	5	63	17	504	136	368
6818+00	100	16	7	61	22	565	164	401
6819+00	100	15	8	57	28	622	199	423
6820+00	100	11	12	48	37	670	245	425
6820+28	28	11	15	11	14	681	263	418
6820+49	21	10	14	8	11	689	277	412
6821+00	51	12	12	21	25	710	308	402
6821+02	2	12	12	1	1	711	309	402
6822+00	98	51	20	114	58	825	382	443
6822+10	10	70	22	22	8	847	392	455
6822+18	8	82	29	23	8	870	402	468
6822+61	43	19	21	80	40	950	452	498
6823+00	39	12	19	22	29	972	488	484
6823+20	20	10	19	8	14	980	506	474
6823+67	47	10	21	17	35	997	550	447
6824+00	33	9	21	12	26	1009	583	426
6824+21	21	9	21	7	16	1016	603	413
6825+00	79	11	19	29	59	1045	677	368
6825+75	75	16	17	38	50	1083	740	343
6826+00	25	14	17	14	16	1097	760	337
6827+00	100	14	4	52	39	1149	809	340
6828+00	100	15	0	54	7	1203	818	385
6828+33	33	16	0	19	0	1222	818	404
6829+00	67	17	0	41	0	1263	818	445
6830+00	100	15	0	59	0	1322	818	504
6830+26	26	15	0	14	0	1336	818	518
				1336	650			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 1A - TEMPORARY WIDENING CTH A - STA 6865+12 TO STA 6870+85 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6865+12	0	12	0	0	0	0	0	0
6866+00	88	12	0	39	0	39	0	39
6866+22	22	12	0	10	0	49	0	49
6867+00	78	13	0	36	0	85	0	85
6868+00	100	13	0	48	0	133	0	133
6868+44	44	11	4	20	3	153	4	149
6868+71	27	12	0	12	2	165	7	158
6868+90	19	24	0	13	0	178	7	171
6868+97	7	30	0	7	0	185	7	178
6869+00	3	33	0	4	0	189	7	182
6869+24	24	35	0	30	0	219	7	212
6869+58	34	39	0	47	0	266	7	259
6869+64	6	39	0	9	0	275	7	268
6869+66	2	37	0	3	0	278	7	271
6870+00	34	22	0	37	0	315	7	308
6870+16	16	23	0	13	0	328	7	321
6870+26	10	24	0	9	0	337	7	330
6870+85	59	31	0	60	0	397	7	390
				397	5			

STAGE 1A - TEMPORARY WIDENING CTH A - STA 6875+75 TO STA 6877+93 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6875+75	0	15	0	0	0	0	0	0
6876+00	25	13	0	13	0	13	0	13
6876+15	15	13	0	7	0	20	0	20
6876+40	25	13	0	12	0	32	0	32
6877+00	60	11	0	27	0	59	0	59
6877+93	93	12	0	40	0	99	0	99
				99	0			

STAGE 1A - TEMPORARY CROSSOVER NORTH PROJECT LIMIT - STA 6883+18 TO STA 6900+75 - DIVISION 1

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6883+18	0	11	0	0	0	0	0	0
6883+67	49	25	0	33	0	33	0	33
6884+00	33	25	0	31	0	64	0	64
6884+15	15	25	0	14	0	78	0	78
6884+68	53	25	0	49	0	127	0	127
6885+00	32	25	0	30	0	157	0	157
6885+17	17	25	0	16	0	173	0	173
6886+00	83	26	0	78	0	251	0	251
6887+00	100	24	4	93	7	344	9	335
6887+18	18	25	6	16	3	360	13	347
6887+67	49	29	7	49	12	409	28	381
6888+00	33	29	7	35	9	444	39	405
6889+00	100	29	3	107	19	551	63	488
6890+00	100	26	6	102	17	653	84	569
6890+41	41	25	7	39	10	692	97	595
6890+68	27	25	9	25	8	717	107	610
6891+00	32	25	10	30	11	747	121	626
6891+90	90	26	12	85	37	832	167	665
6892+00	10	26	12	10	4	842	172	670
6892+34	34	25	15	32	17	874	193	681
6892+76	42	22	21	37	28	911	228	683
6893+00	24	22	22	20	19	931	252	679
6893+15	15	23	20	13	12	944	267	677
6894+00	85	23	16	72	57	1016	338	678
6894+15	15	24	11	13	8	1029	348	681
6894+45	30	24	11	27	12	1056	363	693
6895+00	55	26	9	51	20	1107	388	719
6895+30	30	27	8	29	9	1136	399	737
6895+45	15	26	9	15	5	1151	405	746
6896+00	55	25	12	52	21	1203	431	772
6896+59	59	25	14	55	28	1258	466	792
6896+95	36	25	14	33	19	1291	490	801
6897+00	5	25	14	5	3	1296	494	802
6897+54	54	27	10	52	24	1348	524	824
6898+00	46	26	10	45	17	1393	545	848
6898+20	20	25	10	19	7	1412	554	858
6898+45	25	24	10	23	9	1435	565	870
6898+80	35	22	14	30	16	1465	585	880
6899+00	20	20	15	16	11	1481	599	882
6899+40	40	21	14	30	21	1511	625	886
6899+58	18	22	12	14	9	1525	636	889
6900+00	42	26	8	37	16	1562	656	906
6900+64	64	26	5	62	15	1624	675	949
6900+75	11	28	0	11	1	1635	676	959
				1635	541			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 1B - TEMPORARY GUARDRAIL YELLOW RIVER SOUTH - STA 6719+90 TO STA 6721+35 - DIVISION 2

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6719+90	0	7	0	0	0	0	0	0
6720+00	10	7	0	3	0	3	0	3
6720+43	43	8	2	12	2	15	3	12
6720+68	25	9	0	8	1	23	4	19
6720+93	25	9	0	8	0	31	4	27
6721+00	7	10	0	2	0	33	4	29
6721+14	14	10	0	5	0	38	4	34
6721+35	21	0	0	4	0	42	4	38
				42	3			

STAGE 1B - TEMPORARY WIDENING CTH H - STA 6794+48 TO STA 6803+18 - DIVISION 2

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6794+48	0	21	0	0	0	0	0	0
6794+81	33	23	0	27	0	27	0	27
6794+88	7	24	0	6	0	33	0	33
6795+00	12	24	0	11	0	44	0	44
6795+13	13	24	3	12	1	56	1	55
6795+41	28	25	7	25	5	81	7	74
6796+00	59	23	16	52	25	133	38	95
6797+00	100	19	26	78	78	211	136	75
6797+93	93	19	19	65	78	276	234	42
6798+00	7	18	18	5	5	281	240	41
6798+79	79	17	1	51	28	332	275	57
6799+00	21	16	0	13	0	345	275	70
6799+04	4	16	0	2	0	347	275	72
6799+31	27	16	0	16	0	363	275	88
6799+43	12	16	0	7	0	370	275	95
6800+00	57	16	0	34	0	404	275	129
6801+00	100	16	0	59	0	463	275	188
6802+00	100	16	0	59	0	522	275	247
6802+18	18	16	0	11	0	533	275	258
				533	220			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - USH 53 NB - STA 3560+00 TO STA 3675+50 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3560+00	0	31	0	0	0	0	0	0
3561+00	100	30	0	113	0	113	0	113
3562+00	100	30	0	111	0	224	0	224
3563+00	100	30	0	111	0	335	0	335
3564+00	100	30	0	111	0	446	0	446
3565+00	100	30	0	111	0	557	0	557
3566+00	100	30	0	111	0	668	0	668
3567+00	100	31	0	113	0	781	0	781
3568+00	100	31	0	115	0	896	0	896
3569+00	100	33	0	119	0	1015	0	1015
3570+00	100	34	0	124	0	1139	0	1139
3571+00	100	32	0	122	0	1261	0	1261
3572+00	100	32	0	119	0	1380	0	1380
3573+00	100	32	0	119	0	1499	0	1499
3574+00	100	32	0	119	0	1618	0	1618
3575+00	100	31	0	117	0	1735	0	1735
3575+50	50	79	0	102	0	1837	0	1837
3576+00	50	76	0	144	0	1981	0	1981
3577+00	100	74	0	278	0	2259	0	2259
3577+84	84	75	0	232	0	2491	0	2491
3578+00	16	73	0	44	0	2535	0	2535
3578+44	44	70	0	117	0	2652	0	2652
3578+84	40	68	0	102	0	2754	0	2754
3579+00	16	65	0	39	0	2793	0	2793
3579+04	4	65	0	10	0	2803	0	2803
3580+00	96	66	0	233	0	3036	0	3036
3580+49	49	65	0	119	0	3155	0	3155
3581+00	51	63	0	121	0	3276	0	3276
3581+09	9	62	0	21	0	3297	0	3297
3582+00	91	61	0	207	0	3504	0	3504
3582+14	14	60	1	31	0	3535	0	3535
3583+00	86	60	0	191	2	3726	3	3723
3583+34	34	58	0	74	0	3800	3	3797
3583+75	41	57	0	87	0	3887	3	3884
3584+00	25	51	0	50	0	3937	3	3934
3584+35	35	46	0	63	0	4000	3	3997
3585+00	65	46	0	111	0	4111	3	4108
3586+00	100	49	0	176	0	4287	3	4284
3587+00	100	47	0	178	0	4465	3	4462
3588+00	100	46	0	172	0	4637	3	4634
3589+00	100	44	0	167	0	4804	3	4801
3590+00	100	41	0	157	0	4961	3	4958
3590+67	67	37	0	97	0	5058	3	5055
3591+00	33	40	0	47	0	5105	3	5102
3591+27	27	41	0	41	0	5146	3	5143
3591+87	60	46	0	97	0	5243	3	5240
3592+00	13	45	0	22	0	5265	3	5262
3593+00	100	43	0	163	0	5428	3	5425
3594+00	100	40	0	154	0	5582	3	5579
3595+00	100	39	0	146	0	5728	3	5725
3596+00	100	39	0	144	0	5872	3	5869
3596+68	68	41	0	101	0	5973	3	5970
3597+00	32	42	0	49	0	6022	3	6019
3597+28	28	39	0	42	0	6064	3	6061
3598+00	72	50	0	119	0	6183	3	6180
3598+58	58	45	0	102	0	6285	3	6282
3598+64	6	55	0	11	0	6296	3	6293
3599+00	36	48	0	69	0	6365	3	6362
3599+24	24	48	0	43	0	6408	3	6405
3599+62	38	49	0	68	0	6476	3	6473
3600+00	38	47	0	68	0	6544	3	6541
3601+00	100	45	0	170	0	6714	3	6711
3602+00	100	46	0	169	0	6883	3	6880
3603+00	100	46	0	170	0	7053	3	7050
3604+00	100	46	0	170	0	7223	3	7220
3605+00	100	46	0	170	0	7393	3	7390
3606+00	100	46	0	170	0	7563	3	7560
3607+00	100	47	0	172	0	7735	3	7732
3608+00	100	46	0	172	0	7907	3	7904
3609+00	100	45	0	169	0	8076	3	8073
3610+00	100	47	0	170	0	8246	3	8243
3610+60	60	49	0	107	0	8353	3	8350
3611+00	40	47	0	71	0	8424	3	8421
3611+20	20	53	0	37	0	8461	3	8458
3611+70	50	55	0	100	0	8561	3	8558
3612+00	30	54	0	61	0	8622	3	8619
3612+45	45	54	0	90	0	8712	3	8709
3613+00	55	56	0	112	0	8824	3	8821
3614+00	100	57	0	209	0	9033	3	9030
3614+81	81	56	2	170	3	9203	7	9196
3615+00	19	55	2	39	1	9242	8	9234
3615+41	41	56	0	84	2	9326	11	9315
3615+44	3	51	0	6	0	9332	11	9321
3615+92	48	57	0	96	0	9428	11	9417
3616+00	8	56	0	17	0	9445	11	9434

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 04

PLOT DATE : 10/27/2022 2:07 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

STAGE 2 - USH 53 NB - STA 3560+00 TO STA 3675+50 - DIVISION 3 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3616+44	44	55	0	90	0	9535	11	9524
3616+53	9	56	0	19	0	9554	11	9543
3616+60	7	65	0	16	0	9570	11	9559
3616+78	18	57	0	41	0	9611	11	9600
3617+00	22	57	0	46	0	9657	11	9646
3617+20	20	57	0	42	0	9699	11	9688
3617+28	8	57	0	17	0	9716	11	9705
3617+88	60	48	0	117	0	9833	11	9822
3618+00	12	47	0	21	0	9854	11	9843
3619+00	100	44	0	169	0	10023	11	10012
3620+00	100	46	0	167	0	10190	11	10179
3621+00	100	48	0	174	0	10364	11	10353
3622+00	100	48	0	178	0	10542	11	10531
3623+00	100	48	0	178	0	10720	11	10709
3624+00	100	46	0	174	0	10894	11	10883
3625+00	100	46	0	170	0	11064	11	11053
3626+00	100	46	0	170	0	11234	11	11223
3627+00	100	47	0	172	0	11406	11	11395
3628+00	100	47	0	174	0	11580	11	11569
3629+00	100	48	0	176	0	11756	11	11745
3630+00	100	45	0	172	0	11928	11	11917
3631+00	100	44	0	165	0	12093	11	12082
3632+00	100	43	0	161	0	12254	11	12243
3632+97	97	46	0	160	0	12414	11	12403
3633+00	3	46	0	5	0	12419	11	12408
3633+57	57	41	0	92	0	12511	11	12500
3634+00	43	38	0	63	0	12574	11	12563
3634+17	17	37	0	24	0	12598	11	12587
3634+77	60	40	0	86	0	12684	11	12673
3635+00	23	41	0	35	0	12719	11	12708
3636+00	100	40	0	150	0	12869	11	12858
3637+00	100	40	0	148	0	13017	11	13006
3638+00	100	40	0	148	0	13165	11	13154
3639+00	100	39	0	146	0	13311	11	13300
3640+00	100	36	0	139	0	13450	11	13439
3641+00	100	35	0	131	0	13581	11	13570
3642+00	100	35	0	130	0	13711	11	13700
3643+00	100	34	0	128	0	13839	11	13828
3644+00	100	34	0	126	0	13965	11	13954
3644+70	70	39	0	95	0	14060	11	14049
3644+82	12	35	0	16	0	14076	11	14065
3645+00	18	39	0	25	0	14101	11	14090
3645+27	27	45	0	42	0	14143	11	14132
3645+96	69	38	0	106	0	14249	11	14238
3646+00	4	42	0	6	0	14255	11	14244
3646+15	15	42	0	23	0	14278	11	14267
3647+00	85	39	0	128	0	14406	11	14395
3648+00	100	43	0	152	0	14558	11	14547
3649+00	100	45	0	163	0	14721	11	14710
3650+00	100	46	0	169	0	14890	11	14879
3651+00	100	45	0	169	0	15059	11	15048
3652+00	100	45	0	167	0	15226	11	15215
3653+00	100	48	0	172	0	15398	11	15387
3654+00	100	49	0	180	0	15578	11	15567
3655+00	100	50	0	183	0	15761	11	15750
3656+00	100	49	0	183	0	15944	11	15933
3657+00	100	47	0	178	0	16122	11	16111
3658+00	100	49	0	178	0	16300	11	16289
3659+00	100	50	0	183	0	16483	11	16472
3660+00	100	53	0	191	0	16674	11	16663
3661+00	100	54	0	198	0	16872	11	16861
3662+00	100	51	0	194	0	17066	11	17055
3663+00	100	51	0	189	0	17255	11	17244
3664+00	100	51	0	189	0	17444	11	17433
3665+00	100	55	0	196	0	17640	11	17629
3665+19	19	55	0	39	0	17679	11	17668
3665+79	60	49	0	116	0	17795	11	17784
3666+00	21	50	0	39	0	17834	11	17823
3666+39	39	51	0	73	0	17907	11	17896
3666+99	60	55	0	118	0	18025	11	18014
3667+00	1	55	0	2	0	18027	11	18016
3668+00	100	55	0	204	0	18231	11	18220
3669+00	100	54	0	202	0	18433	11	18422
3670+00	100	50	0	193	0	18626	11	18615
3671+00	100	49	0	183	0	18809	11	18798
3672+00	100	49	0	181	0	18990	11	18979
3673+00	100	50	0	183	0	19173	11	19162
3674+00	100	51	0	187	0	19360	11	19349
3675+00	100	50	0	187	0	19547	11	19536
3675+50	50	50	0	93	0	19640	11	19629
				19640	8			

STAGE 2 - USH 53 NB - STA 3683+52 TO STA 3705+15 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3683+52	0	75	0	0	0	0	0	0
3683+57	5	75	0	14	0	14	0	14
3684+00	43	79	0	126	0	140	0	140
3685+00	100	89	0	330	0	470	0	470
3685+59	59	95	0	208	0	678	0	678
3685+73	14	53	0	27	0	705	0	705
3686+00	27	53	0	53	0	758	0	758
3686+03	3	52	0	6	0	764	0	764
3687+00	97	50	0	180	0	944	0	944
3688+00	100	47	0	174	0	1118	0	1118
3689+00	100	46	0	170	0	1288	0	1288
3690+00	100	46	0	170	0	1458	0	1458
3691+00	100	43	0	159	0	1617	0	1617
3692+00	100	43	0	159	0	1776	0	1776
3693+00	100	47	0	174	0	1950	0	1950
3694+00	100	46	0	170	0	2120	0	2120
3695+00	100	46	0	170	0	2290	0	2290
3696+00	100	47	0	174	0	2464	0	2464
3697+00	100	42	0	156	0	2620	0	2620
3698+00	100	42	0	156	0	2776	0	2776
3699+00	100	45	0	167	0	2943	0	2943
3700+00	100	45	0	167	0	3110	0	3110
3701+00	100	45	0	167	0	3277	0	3277
3702+00	100	47	0	174	0	3451	0	3451
3703+00	100	49	0	181	0	3632	0	3632
3704+00	100	49	0	181	0	3813	0	3813
3704+57	57	51	0	108	0	3921	0	3921
3705+00	43	52	0	83	0	4004	0	4004
3705+15	15	52	0	29	0	4033	0	4033
				4033	0			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - USH 53 NB - STA 3708+77 TO STA 3721+24 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3708+77	0	77	0	0	0	0	0	0
3709+00	23	77	0	66	0	66	0	66
3709+08	8	77	0	23	0	89	0	89
3709+38	30	77	0	86	0	175	0	175
3710+00	62	77	0	177	0	352	0	352
3710+45	45	76	0	127	0	479	0	479
3711+00	55	79	0	161	0	640	0	640
3712+00	100	77	0	285	0	925	0	925
3713+00	100	70	0	259	0	1184	0	1184
3714+00	100	55	0	204	0	1388	0	1388
3715+00	100	51	0	189	0	1577	0	1577
3716+00	100	50	0	185	0	1762	0	1762
3717+00	100	49	0	181	0	1943	0	1943
3717+67	67	49	0	122	0	2065	0	2065
3718+00	33	49	0	60	0	2125	0	2125
3718+18	18	49	1	33	1	2158	1	2157
3718+42	24	50	3	44	3	2202	5	2197
3718+63	21	51	4	40	3	2242	9	2233
3718+88	25	55	1	51	1	2293	10	2283
3719+00	12	55	0	24	0	2317	10	2307
3719+13	13	56	0	27	0	2344	10	2334
3719+21	8	56	0	17	0	2361	10	2351
3719+51	30	54	0	60	0	2421	10	2411
3719+61	10	57	1	21	0	2442	10	2432
3719+86	25	54	0	50	0	2492	10	2482
3720+00	14	53	0	27	0	2519	10	2509
3720+02	2	53	0	4	0	2523	10	2513
3720+03	1	52	0	2	0	2525	10	2515
3720+11	8	52	0	15	0	2540	10	2530
3720+52	41	47	0	71	0	2611	10	2601
3720+54	2	47	0	3	0	2614	10	2604
3720+62	8	43	3	13	1	2627	11	2616
3720+63	1	43	3	2	0	2629	11	2618
3720+68	5	42	5	8	1	2637	12	2625
3720+69	1	41	5	2	0	2639	12	2627
3720+97	28	39	3	40	3	2679	16	2663
3720+99	2	38	5	3	0	2682	16	2666
3721+00	1	38	1	1	0	2683	16	2667
3721+10	10	36	2	13	1	2696	17	2679
3721+24	14	0	0	0	0	2696	17	2679
				2696	14			

STAGE 2 - USH 53 NB - STA 3721+83 TO STA 3822+59 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3721+83	0	0	0	0	0	0	0	0
3721+97	14	42	0	11	0	11	0	11
3722+00	3	42	0	5	0	16	0	16
3722+09	9	42	4	14	1	30	1	29
3722+29	20	44	1	32	2	62	4	58
3722+46	17	46	1	28	1	90	5	85
3722+59	13	48	6	23	2	113	8	105
3722+71	12	50	16	22	5	135	14	121
3722+96	25	53	20	48	17	183	35	148
3723+00	4	54	19	8	3	191	39	152
3723+27	27	57	12	56	16	247	59	188
3723+32	5	57	12	11	2	258	62	196
3723+57	25	57	10	53	10	311	75	236
3723+82	25	57	12	53	10	364	88	276
3723+87	5	57	10	11	2	375	91	284
3724+00	13	56	6	27	4	402	96	306
3724+15	15	55	4	31	3	433	100	333
3724+47	32	54	1	65	3	498	104	394
3725+00	53	54	0	106	1	604	105	499
3725+07	7	54	0	14	0	618	105	513
3725+25	18	53	0	36	0	654	105	549
3726+00	75	56	0	151	0	805	105	700
3727+00	100	56	0	207	0	1012	105	907
3728+00	100	53	0	202	0	1214	105	1109
3729+00	100	50	0	191	0	1405	105	1300
3730+00	100	48	0	181	0	1586	105	1481
3731+00	100	46	0	174	0	1760	105	1655
3732+00	100	45	0	169	0	1929	105	1824
3733+00	100	44	0	165	0	2094	105	1989
3733+53	53	50	0	92	0	2186	105	2081
3734+00	47	50	0	87	0	2273	105	2168
3734+03	3	50	0	6	0	2279	105	2174
3734+78	75	50	14	139	19	2418	129	2289
3735+00	22	52	18	42	13	2460	145	2315
3736+00	100	53	20	194	70	2654	233	2421
3737+00	100	52	23	194	80	2848	333	2515
3737+64	64	66	20	140	51	2988	397	2591
3737+71	7	64	0	17	3	3005	401	2604
3737+74	3	46	0	6	0	3011	401	2610
3738+00	26	51	0	47	0	3058	401	2657
3738+32	32	53	0	62	0	3120	401	2719
3738+78	46	53	0	90	0	3210	401	2809
3739+00	22	54	1	44	0	3254	401	2853
3739+11	11	54	0	22	0	3276	401	2875
3739+27	16	49	0	31	0	3307	401	2906
3739+36	9	61	0	18	0	3325	401	2924
3739+61	25	54	0	53	0	3378	401	2977
3740+00	39	48	0	74	0	3452	401	3051
3741+00	100	49	0	180	0	3632	401	3231
3741+15	15	49	0	27	0	3659	401	3258
3741+33	18	48	0	32	0	3691	401	3290
3741+93	60	46	0	104	0	3795	401	3394
3742+00	7	46	0	12	0	3807	401	3406
3742+53	53	46	0	90	0	3897	401	3496
3743+00	47	49	0	83	0	3980	401	3579
3743+13	13	50	0	24	0	4004	401	3603
3744+00	87	45	0	153	0	4157	401	3756
3745+00	100	42	0	161	0	4318	401	3917
3746+00	100	46	0	163	0	4481	401	4080
3747+00	100	50	0	178	0	4659	401	4258
3747+90	90	53	0	172	0	4831	401	4430
3748+00	10	53	0	20	0	4851	401	4450
3748+50	50	51	0	96	0	4947	401	4546
3749+00	50	48	0	92	0	5039	401	4638
3749+10	10	48	0	18	0	5057	401	4656
3749+19	9	48	0	16	0	5073	401	4672
3750+00	81	49	0	146	0	5219	401	4818

NOTES:

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2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - USH 53 NB - STA 3721+83 TO STA 3822+59 - DIVISION 3 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3751+00	100	50	0	183	0	5402	401	5001
3752+00	100	51	0	187	0	5589	401	5188
3753+00	100	52	0	191	0	5780	401	5379
3754+00	100	49	0	187	0	5967	401	5566
3755+00	100	47	0	178	0	6145	401	5744
3756+00	100	45	0	170	0	6315	401	5914
3757+00	100	45	0	167	0	6482	401	6081
3758+00	100	41	0	159	0	6641	401	6240
3759+00	100	41	0	152	0	6793	401	6392
3760+00	100	40	0	150	0	6943	401	6542
3761+00	100	42	0	152	0	7095	401	6694
3762+00	100	45	0	161	0	7256	401	6855
3763+00	100	44	0	165	0	7421	401	7020
3764+00	100	42	0	159	0	7580	401	7179
3765+00	100	44	0	159	0	7739	401	7338
3766+00	100	47	0	169	0	7908	401	7507
3767+00	100	46	0	172	0	8080	401	7679
3768+00	100	50	0	178	0	8258	401	7857
3769+00	100	48	0	181	0	8439	401	8038
3770+00	100	48	0	178	0	8617	401	8216
3771+00	100	49	0	180	0	8797	401	8396
3772+00	100	49	0	181	0	8978	401	8577
3773+00	100	51	0	185	0	9163	401	8762
3774+00	100	52	0	191	0	9354	401	8953
3774+73	73	54	0	143	0	9497	401	9096
3775+00	27	56	0	55	0	9552	401	9151
3775+24	24	63	0	53	0	9605	401	9204
3775+75	51	62	0	118	0	9723	401	9322
3776+00	25	62	0	57	0	9780	401	9379
3776+49	49	61	3	112	3	9892	405	9487
3777+00	51	61	6	115	9	10007	416	9591
3778+00	100	61	5	226	20	10233	441	9792
3779+00	100	60	11	224	30	10457	479	9978
3779+22	22	66	7	51	7	10508	488	10020
3779+33	11	56	2	25	2	10533	491	10042
3779+54	21	56	0	44	1	10577	492	10085
3780+00	46	58	0	97	0	10674	492	10182
3780+11	11	58	0	24	0	10698	492	10206
3780+59	48	53	0	99	0	10797	492	10305
3780+92	33	53	0	65	0	10862	492	10370
3781+00	8	63	0	17	0	10879	492	10387
3781+02	2	63	0	5	0	10884	492	10392
3781+42	40	56	0	88	0	10972	492	10480
3781+93	51	49	0	99	0	11071	492	10579
3782+00	7	49	0	13	0	11084	492	10592
3783+00	100	49	0	181	0	11265	492	10773
3784+00	100	48	0	180	0	11445	492	10953
3784+29	29	52	0	54	0	11499	492	11007
3784+88	59	52	0	114	0	11613	492	11121
3785+00	12	52	0	23	0	11636	492	11144
3785+39	39	56	0	78	0	11714	492	11222
3786+00	61	56	0	127	0	11841	492	11349
3787+00	100	57	0	209	0	12050	492	11558
3787+45	45	58	0	96	0	12146	492	11654
3788+00	55	60	7	120	7	12266	501	11765
3788+20	20	62	11	45	7	12311	510	11801
3788+48	28	66	9	66	10	12377	523	11854
3788+94	46	71	7	117	14	12494	541	11953
3789+00	6	72	7	16	2	12510	544	11966
3790+00	100	74	6	270	24	12780	574	12206
3791+00	100	75	6	276	22	13056	602	12454
3792+00	100	77	1	281	13	13337	618	12719
3792+77	77	78	0	221	1	13558	619	12939
3792+80	3	66	0	8	0	13566	619	12947
3793+00	20	75	0	52	0	13618	619	12999
3793+52	52	77	0	146	0	13764	619	13145
3793+71	19	78	0	55	0	13819	619	13200
3793+80	9	74	0	25	0	13844	619	13225
3794+00	20	73	0	54	0	13898	619	13279
3794+10	10	66	1	26	0	13924	619	13305
3794+24	14	84	16	39	4	13963	624	13339
3794+40	16	77	14	48	9	14011	635	13376
3794+50	10	73	11	28	5	14039	641	13398
3794+57	7	71	10	19	3	14058	645	13413
3794+68	11	71	8	29	4	14087	650	13437
3794+97	29	72	5	77	7	14164	659	13505
3795+00	3	73	5	8	1	14172	660	13512
3796+00	100	67	4	259	17	14431	681	13750
3797+00	100	63	8	241	22	14672	709	13963
3797+28	28	65	8	66	8	14738	719	14019
3798+00	72	63	5	171	17	14909	740	14169
3798+30	30	65	3	71	4	14980	745	14235
3798+66	36	63	1	85	3	15065	749	14316
3799+00	34	62	0	79	1	15144	750	14394
3800+00	100	64	0	233	0	15377	750	14627

STAGE 2 - USH 53 NB - STA 3721+83 TO STA 3822+59 - DIVISION 3 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3801+00	100	60	0	230	0	15607	750	14857
3801+53	53	58	0	116	0	15723	750	14973
3802+00	47	54	0	97	0	15820	750	15070
3802+13	13	54	0	26	0	15846	750	15096
3802+63	50	54	0	100	0	15946	750	15196
3803+00	37	47	0	69	0	16015	750	15265
3803+23	23	45	0	39	0	16054	750	15304
3804+00	77	47	0	131	0	16185	750	15435
3805+00	100	51	0	181	0	16366	750	15616
3806+00	100	54	0	194	0	16560	750	15810
3807+00	100	53	0	198	0	16758	750	16008
3808+00	100	52	0	194	0	16952	750	16202
3809+00	100	51	0	191	0	17143	750	16393
3810+00	100	52	0	191	0	17334	750	16584
3811+00	100	51	0	191	0	17525	750	16775
3812+00	100	51	0	189	0	17714	750	16964
3813+00	100	52	0	191	0	17905	750	17155
3814+00	100	54	0	196	0	18101	750	17351
3815+00	100	54	0	200	0	18301	750	17551
3816+00	100	55	0	202	0	18503	750	17753
3817+00	100	56	0	206	0	18709	750	17959
3818+00	100	55	0	206	0	18915	750	18165
3818+79	79	59	0	167	0	19082	750	18332
3819+00	21	58	1	46	0	19128	750	18378
3819+21	21	60	14	46	6	19174	758	18416
3819+57	36	57	42	78	37	19252	804	18448
3819+97	40	56	68	84	81	19336	905	18431
3820+00	3	56	64	6	7	19342	914	18428
3820+12	12	57	43	25	24	19367	944	18423
3820+22	10	58	0	21	8	19388	954	18434
3820+39	17	58	1	37	0	19425	954	18471
3820+42	3	58	0	6	0	19431	954	18477
3820+47	5	58	0	11	0	19442	954	18488
3820+64	17	58	0	37	0	19479	954	18525
3820+89	25	57	1	53	0	19532	954	18578
3821+00	11	57	1	23	0	19555	954	18601
3821+06	6	57	1	13	0	19568	954	18614
3821+18	12	57	0	25	0	19593	954	18639
3821+36	18	56	0	38	0	19631	954	18677
3821+56	20	56	0	41	0	19672	954	18718
3821+66	10	57	0	21	0	19693	954	18739
3821+72	6	51	1	12	0	19705	954	18751
3821+87	15	50	0	28	0	19733	954	18779
3821+96	9	46	1	16	0	19749	954	18795
3822+00	4	43	2	7	0	19756	954	18802
3822+02	2	44	2	3	0	19759	954	18805
3822+10	8	44	1	13	0	19772	954	18818
3822+19	9	45	1	15	0	19787	954	18833
3822+59	40	0	0	33	1	19820	955	18865
				19820	759			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - USH 53 NB - STA 3825+46 TO STA 3835+15 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3825+46	0	0	0	0	0	0	0	0
3825+86	40	49	0	36	0	36	0	36
3825+93	7	48	0	13	0	49	0	49
3826+00	7	48	0	12	0	61	0	61
3826+35	35	54	1	66	1	127	1	126
3826+42	7	55	4	14	1	141	2	139
3826+53	11	56	7	23	2	164	5	159
3826+67	14	58	10	30	4	194	10	184
3826+92	25	55	46	52	26	246	43	203
3826+95	3	54	49	6	5	252	49	203
3827+00	5	54	52	10	9	262	60	202
3827+21	21	55	51	42	40	304	110	194
3827+46	25	59	76	53	59	357	184	173
3827+55	9	60	8	20	14	377	202	175
3827+71	16	62	14	36	7	413	211	202
3827+96	25	62	13	57	13	470	227	243
3828+00	4	62	13	9	2	479	230	249
3828+15	15	61	11	34	7	513	239	274
3828+20	5	60	9	11	2	524	242	282
3829+00	80	56	0	172	13	696	258	438
3829+03	3	56	0	6	0	702	258	444
3829+08	5	55	0	10	0	712	258	454
3829+44	36	57	0	75	0	787	258	529
3829+54	10	59	0	21	0	808	258	550
3830+00	46	63	0	104	0	912	258	654
3830+70	70	67	0	169	0	1081	258	823
3831+00	30	68	0	75	0	1156	258	898
3832+00	100	65	0	246	0	1402	258	1144
3833+00	100	60	0	231	0	1633	258	1375
3834+00	100	61	0	224	0	1857	258	1599
3835+00	100	62	0	228	0	2085	258	1827
3835+15	15	62	0	34	0	2119	258	1861
				2119	205			

STAGE 2 - USH 53 NB - STA 3839+09 TO STA 3861+18 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3839+09	0	51	0	0	0	0	0	0
3839+36	27	49	0	50	0	50	0	50
3840+00	64	49	0	116	0	166	0	166
3842+00	200	48	0	359	0	525	0	525
3843+00	100	46	0	174	0	699	0	699
3844+00	100	45	0	169	0	868	0	868
3844+14	14	42	0	23	0	891	0	891
3844+36	22	44	0	35	0	926	0	926
3844+60	24	39	0	37	0	963	0	963
3844+67	7	39	0	10	0	973	0	973
3845+00	33	45	0	51	0	1024	0	1024
3845+39	39	42	0	63	0	1087	0	1087
3845+99	60	42	0	93	0	1180	0	1180
3846+00	1	42	0	2	0	1182	0	1182
3846+59	59	42	0	92	0	1274	0	1274
3847+00	41	47	0	68	0	1342	0	1342
3847+19	19	48	0	33	0	1375	0	1375
3847+79	60	52	0	111	0	1486	0	1486
3848+00	21	52	0	40	0	1526	0	1526
3849+00	100	52	0	193	0	1719	0	1719
3849+05	5	52	0	10	0	1729	0	1729
3849+49	44	54	0	86	0	1815	0	1815
3849+70	21	58	0	44	0	1859	0	1859
3850+00	30	54	0	62	0	1921	0	1921
3851+00	100	50	0	193	0	2114	0	2114
3852+00	100	48	0	181	0	2295	0	2295
3853+00	100	47	0	176	0	2471	0	2471
3853+06	6	76	0	14	0	2485	0	2485
3853+13	7	76	0	20	0	2505	0	2505
3853+73	60	73	0	166	0	2671	0	2671
3854+00	27	84	0	79	0	2750	0	2750
3854+47	47	73	0	137	0	2887	0	2887
3855+00	53	83	0	153	0	3040	0	3040
3855+13	13	83	0	40	0	3080	0	3080
3855+29	16	84	0	49	0	3129	0	3129
3856+00	71	77	0	212	0	3341	0	3341
3856+19	19	76	0	54	0	3395	0	3395
3857+00	81	66	0	213	0	3608	0	3608
3857+09	9	66	0	22	0	3630	0	3630
3857+72	63	65	0	153	0	3783	0	3783
3858+00	28	66	0	68	0	3851	0	3851
3859+00	100	66	0	244	0	4095	0	4095
3860+00	100	61	0	235	0	4330	0	4330
3860+80	80	54	0	170	0	4500	0	4500
3861+00	20	52	0	39	0	4539	0	4539
3861+18	18	50	0	34	0	4573	0	4573
				4573	0			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - CRANBERRY DR - STA 230+98 TO STA 231+48 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
230+98	0	138	0	0	0	0	0	0
231+00	2	136	0	10	0	10	0	10
231+11	11	94	0	47	0	57	0	57
231+18	7	75	0	22	0	79	0	79
231+38	20	56	0	49	0	128	0	128
231+48	10	57	0	21	0	149	0	149
				149	0			

STAGE 2 - OJIBWA RD - STA 284+90 TO STA 285+74 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
284+90	0	0	0	0	0	0	0	0
285+00	10	23	0	4	0	4	0	4
285+06	6	41	0	7	0	11	0	11
285+28	22	113	0	63	0	74	0	74
285+37	9	86	6	33	1	107	1	106
285+68	31	61	0	84	3	191	5	186
285+74	6	63	0	14	0	205	5	200
				205	4			

STAGE 2 - BITTERSWEET DR - STA 290+97 TO STA 291+63 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
290+97	0	0	0	0	0	0	0	0
291+00	3	48	0	3	0	3	0	3
291+07	7	131	7	23	1	26	1	25
291+12	5	118	6	23	1	49	2	47
291+26	14	87	0	53	2	102	5	97
291+37	11	73	0	33	0	135	5	130
291+63	26	54	0	61	0	196	5	191
				196	4			

STAGE 2 - CTH H - STA 303+94 TO STA 304+56 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
303+94	0	0	0	0	0	0	0	0
303+98	4	103	0	8	0	8	0	8
304+00	2	131	6	9	0	17	0	17
304+02	2	165	8	11	1	28	1	27
304+13	11	114	1	57	2	85	4	81
304+21	8	92	0	31	0	116	4	112
304+42	21	63	1	60	0	176	4	172
304+54	12	91	2	34	1	210	5	205
304+56	2	107	0	7	0	217	5	212
				217	4			

STAGE 2 - USH 53 NB & SB/USH 63 ENTRANCE - STA 3815+25 TO STA 3846+58 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3815+25	0	34	0	0	0	0	0	0
3816+00	75	36	0	97	0	97	0	97
3816+01	1	31	0	1	0	98	0	98
3816+67	66	33	0	78	0	176	0	176
3817+00	33	33	0	40	0	216	0	216
3818+00	100	37	0	130	0	346	0	346
3819+00	100	38	0	139	0	485	0	485
3820+00	100	41	0	146	0	631	0	631
3820+72	72	36	0	103	0	734	0	734
3821+00	28	36	3	37	2	771	3	768
3821+22	22	36	9	29	5	800	9	791
3821+47	25	36	5	33	6	833	17	816
3821+72	25	36	3	33	4	866	22	844
3822+00	28	37	5	38	4	904	27	877
3822+80	80	43	0	119	7	1023	36	987
3822+90	10	43	0	16	0	1039	36	1003
3823+00	10	40	2	15	0	1054	36	1018
3823+14	14	40	0	21	1	1075	37	1038
3824+00	86	39	0	126	0	1201	37	1164
3824+10	10	79	1	22	0	1223	37	1186
3824+22	12	81	2	36	1	1259	38	1221
3824+36	14	80	2	42	1	1301	39	1262
3824+55	19	78	3	56	2	1357	42	1315
3824+74	19	80	0	56	1	1413	43	1370
3824+92	18	80	0	53	0	1466	43	1423
3825+00	8	80	0	24	0	1490	43	1447
3826+00	100	82	0	300	0	1790	43	1747
3826+25	25	81	0	75	0	1865	43	1822
3826+62	37	80	0	110	0	1975	43	1932
3826+75	13	80	0	39	0	2014	43	1971
3827+00	25	79	0	74	0	2088	43	2045
3827+09	9	79	0	26	0	2114	43	2071
3827+63	54	79	0	158	0	2272	43	2229
3828+00	37	79	2	108	1	2380	44	2336
3828+33	33	77	1	95	2	2475	47	2428
3828+58	25	78	6	72	3	2547	51	2496
3828+83	25	81	14	74	9	2621	62	2559
3829+00	17	79	12	50	8	2671	72	2599
3829+88	88	77	0	254	20	2925	97	2828
3830+00	12	76	0	34	0	2959	97	2862

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - USH 53 NB & SB/USH 63 ENTRANCE - STA 3815+25 TO STA 3846+58 - DIVISION 3 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3830+11	11	76	0	31	0	2990	97	2893
3831+00	89	80	0	257	0	3247	97	3150
3832+00	100	80	0	296	0	3543	97	3446
3833+00	100	79	0	294	0	3837	97	3740
3833+08	8	80	0	24	0	3861	97	3764
3833+87	79	101	0	265	0	4126	97	4029
3834+00	13	102	0	49	0	4175	97	4078
3834+22	22	99	0	82	0	4257	97	4160
3834+31	9	97	0	33	0	4290	97	4193
3835+00	69	79	0	225	0	4515	97	4418
3835+18	18	78	0	52	0	4567	97	4470
3835+62	44	85	0	133	0	4700	97	4603
3836+00	38	88	0	122	0	4822	97	4725
3836+07	7	90	0	23	0	4845	97	4748
3837+00	93	98	0	324	0	5169	97	5072
3838+00	100	91	0	350	0	5519	97	5422
3838+87	87	77	1	271	2	5790	100	5690
3839+00	13	76	0	37	0	5827	100	5727
3839+07	7	69	0	19	0	5846	100	5746
3839+55	48	61	0	116	0	5962	100	5862
3839+96	41	63	0	94	0	6056	100	5956
3840+00	4	31	0	7	0	6063	100	5963
3840+42	42	37	0	53	0	6116	100	6016
3840+86	44	45	0	67	0	6183	100	6083
3841+00	14	55	0	26	0	6209	100	6109
3841+30	30	55	0	61	0	6270	100	6170
3842+00	70	47	0	132	0	6402	100	6302
3842+50	50	21	0	63	0	6465	100	6365
3842+67	17	24	0	14	0	6479	100	6379
3842+93	26	24	0	23	0	6502	100	6402
3843+00	7	24	0	6	0	6508	100	6408
3843+69	69	24	0	61	0	6569	100	6469
3843+71	2	33	0	2	0	6571	100	6471
3844+00	29	35	0	37	0	6608	100	6508
3844+26	26	37	0	35	0	6643	100	6543
3845+00	74	36	0	100	0	6743	100	6643
3845+71	71	35	0	93	0	6836	100	6736
3845+88	17	32	0	21	0	6857	100	6757
3846+00	12	29	0	14	0	6871	100	6771
3846+22	22	26	0	22	0	6893	100	6793
3846+46	24	28	0	24	0	6917	100	6817
3846+55	9	27	0	9	0	6926	100	6826
3846+58	3	25	0	3	0	6929	100	6829
				6929	79			

STAGE 2 - USH 53 NB/USH 63 ENTRANCE - STA 3842+50 TO STA 3853+04 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3842+50	0	21	0	0	0	0	0	0
3842+64	14	21	0	11	0	11	0	11
3842+93	29	24	0	24	0	35	0	35
3843+00	7	24	0	6	0	41	0	41
3843+12	12	27	0	11	0	52	0	52
3843+60	48	38	0	58	0	110	0	110
3843+69	9	38	0	13	0	123	0	123
3843+71	2	31	0	3	0	126	0	126
3844+00	29	33	0	34	0	160	0	160
3844+75	75	30	0	88	0	248	0	248
3845+00	25	31	0	28	0	276	0	276
3846+00	100	34	0	120	0	396	0	396
3847+00	100	37	0	131	0	527	0	527
3847+79	79	38	0	110	0	637	0	637
3848+00	21	37	0	29	0	666	0	666
3849+00	100	27	0	119	0	785	0	785
3849+50	50	26	0	49	0	834	0	834
3849+70	20	19	0	17	0	851	0	851
3850+00	30	27	0	26	0	877	0	877
3850+10	10	28	0	10	0	887	0	887
3850+78	68	34	0	78	0	965	0	965
3851+00	22	35	0	28	0	993	0	993
3851+45	45	34	0	58	0	1051	0	1051
3852+00	55	31	0	66	0	1117	0	1117
3853+00	100	30	0	113	0	1230	0	1230
3853+04	4	30	0	4	0	1234	0	1234
				1234	0			

STAGE 2 - USH 53 NB/USH 63 SB EXIT - STA 3860+47 TO STA 3863+88 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3860+47	0	43	1	0	0	0	0	0
3860+56	9	44	1	15	0	15	0	15
3860+82	26	43	1	42	1	57	1	56
3861+00	18	42	1	28	1	85	2	83
3861+11	11	40	0	17	0	102	2	100
3861+38	27	36	2	38	1	140	3	137
3861+45	7	34	3	9	1	149	4	145
3862+00	55	30	5	65	8	214	14	200
3862+31	31	31	4	35	5	249	20	229
3862+50	19	34	3	23	2	272	23	249
3862+95	45	40	0	62	3	334	27	307
3863+00	5	40	0	7	0	341	27	314
3863+23	23	42	0	35	0	376	27	349
3863+40	17	38	0	25	0	401	27	374
3863+49	9	40	0	13	0	414	27	387
3863+54	5	46	0	8	0	422	27	395
3863+56	2	48	0	3	0	425	27	398
3863+63	7	39	0	11	0	436	27	409
3863+71	8	30	0	10	0	446	27	419
3863+85	14	10	0	10	0	456	27	429
3863+88	3	3	0	1	0	457	27	430
				457	22			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2 - USH 53 SB/USH 63 EXIT - STA 6815+19 TO STA 6822+10 - DIVISION 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6815+19	0	45	0	0	0	0	0	0
6815+67	48	43	10	78	9	78	11	67
6815+92	25	41	6	39	7	117	20	97
6815+93	1	43	0	2	0	119	20	99
6816+00	7	45	1	11	0	130	20	110
6816+70	70	50	15	123	21	253	46	207
6817+00	30	49	6	55	12	308	61	247
6818+00	100	53	11	189	31	497	100	397
6819+00	100	55	10	200	39	697	149	548
6819+89	89	61	5	191	25	888	180	708
6820+00	11	62	0	25	1	913	181	732
6820+94	94	56	0	205	0	1118	181	937
6821+00	6	56	0	12	0	1130	181	949
6821+24	24	56	1	50	0	1180	181	999
6821+48	24	62	3	52	2	1232	184	1048
6821+65	17	62	5	39	3	1271	188	1083
6822+00	35	76	32	89	24	1360	218	1142
6822+10	10	77	19	28	9	1388	229	1159
				1388	183			

STAGE 2 - USH 53 NB - STA 3835+15 TO STA 3839+09 - DIVISION 4

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3835+15	0	62	0	0	0	0	0	0
3836+00	85	61	0	194	0	194	0	194
3837+00	100	64	0	231	0	425	0	425
3837+93	93	74	0	238	0	663	0	663
3838+00	7	41	0	15	0	678	0	678
3838+86	86	59	0	159	0	837	0	837
3838+94	8	50	0	16	0	853	0	853
3839+00	6	51	0	11	0	864	0	864
3839+09	9	51	0	17	0	881	0	881
				881	0			

STAGE 2 - USH 53 NB/USH 63 EXIT - STA 3837+79 TO STA 3844+85 - DIVISION 4

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3837+79	0	35	0	0	0	0	0	0
3838+00	21	34	0	27	0	27	0	27
3838+67	67	29	0	78	0	105	0	105
3838+74	7	38	0	9	0	114	0	114
3839+00	26	28	5	32	2	146	3	143
3839+03	3	22	9	3	1	149	4	145
3839+88	85	37	8	93	27	242	38	204
3840+00	12	38	8	17	4	259	43	216
3841+00	100	35	19	135	50	394	106	288
3842+00	100	35	26	130	83	524	210	314
3843+00	100	35	34	130	111	654	349	305
3844+00	100	28	1	117	65	771	430	341
3844+12	12	30	1	13	0	784	430	354
3844+85	73	33	0	85	1	869	431	438
				869	344			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2A - STH 70 - TEMPORARY GUARDRAIL - STA 252+25 TO STA 253+82 - DIVISION 5

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
252+25	0	16	0	0	0	0	0	0
252+88	63	16	81	37	95	37	119	-82
253+00	12	17	57	7	31	44	158	-114
253+13	13	17	0	8	14	52	176	-124
253+38	25	18	0	16	0	68	176	-108
253+82	44	0	0	15	0	83	176	-93
				83	140			

STAGE 2A - STH 70 - TEMPORARY GUARDRAIL - STA 256+39 TO STA 258+70 - DIVISION 5

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
256+39	0	0	0	0	0	0	0	0
257+00	61	20	0	23	0	23	0	23
257+57	57	20	1	42	1	65	1	64
257+82	25	19	39	18	19	83	25	58
258+00	18	18	70	12	36	95	70	25
258+07	7	18	79	5	19	100	94	6
258+70	63	11	0	34	92	134	209	-75
				134	167			

STAGE 2B - STH 70 EB - STA 251+50 TO STA 253+94 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
251+50	0	17	5	0	0	0	0	0
251+55	5	19	6	3	1	3	1	2
251+63	8	19	5	6	2	9	4	5
251+86	23	22	84	17	38	26	52	-26
252+00	14	18	139	10	58	36	125	-89
252+40	40	15	206	24	256	60	445	-385
252+49	9	15	196	5	67	65	529	-464
252+65	16	16	179	9	111	74	668	-594
252+87	22	18	173	14	143	88	847	-759
252+90	3	19	173	2	19	90	871	-781
253+00	10	20	182	7	66	97	954	-857
253+12	12	20	169	9	78	106	1052	-946
253+23	11	20	152	8	65	114	1133	-1019
253+37	14	21	131	11	73	125	1224	-1099
253+51	14	21	112	11	63	136	1303	-1167
253+57	6	22	136	5	28	141	1338	-1197
253+94	37	26	102	33	163	174	1542	-1368
				174	1231			

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PROJECT NO: 1197-18-78 | HWY: USH 53 | COUNTY: WASHBURN | EARTHWORK | SHEET 539 | E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 11

PLOT DATE : 10/27/2022 2:07 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

STAGE 2B - STH 70 EB - STA 256+55 TO STA 259+18 - DIVISION 6

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
256+55	0	23	1	0	0	0	0	0
256+67	12	25	0	11	0	11	0	11
256+86	19	30	10	19	4	30	5	25
257+00	14	32	8	16	5	46	11	35
257+13	13	33	8	16	4	62	16	46
257+38	25	34	14	31	10	93	29	64
257+59	21	34	22	26	14	119	47	72
257+63	4	34	25	5	3	124	51	73
257+84	21	35	22	27	18	151	74	77
257+95	11	35	20	14	9	165	85	80
258+00	5	35	19	6	4	171	90	81
258+09	9	35	15	12	6	183	98	85
258+66	57	33	0	72	16	255	118	137
258+70	4	33	0	5	0	260	118	142
258+92	22	33	0	27	0	287	118	169
258+97	5	29	0	6	0	293	118	175
259+00	3	28	0	3	0	296	118	178
259+16	16	28	0	17	0	313	118	195
259+18	2	25	0	2	0	315	118	197
				315	93			

STAGE 2C1 -STH 70 EB - STA 259+18 TO STA 260+46 - DIVISION 7

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
259+18	0	25	0	0	0	0	0	0
259+22	4	25	0	4	0	4	0	4
259+63	41	22	0	36	0	40	0	40
259+78	15	22	0	12	0	52	0	52
259+83	5	25	0	4	0	56	0	56
259+84	1	24	0	1	0	57	0	57
259+87	3	23	0	3	0	60	0	60
259+98	11	22	1	9	0	69	0	69
260+00	2	22	1	2	0	71	0	71
260+18	18	23	0	15	0	86	0	86
260+28	10	23	0	9	0	95	0	95
260+46	18	23	0	15	0	110	0	110
				110	0			

STAGE 2C2 - USH 53 NB - STA 3675+50 TO STA 3683+52 - DIVISION 8

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3675+50	0	50	0	0	0	0	0	0
3676+00	50	48	0	89	0	89	0	89
3677+00	100	48	0	178	0	267	0	267
3678+00	100	48	0	178	0	445	0	445
3679+00	100	47	0	174	0	619	0	619
3680+00	100	49	0	181	0	800	0	800
3680+93	93	50	0	172	0	972	0	972
3681+00	7	50	0	13	0	985	0	985
3681+38	38	51	0	72	0	1057	0	1057
3682+00	62	56	0	129	0	1186	0	1186
3683+00	100	70	0	259	0	1445	0	1445
3683+27	27	71	0	71	0	1516	0	1516
3683+52	25	75	0	69	0	1585	0	1585
				1585	0			

STAGE 2C1 - USH 53 NB/STH 70 EXIT - STA 3695+31 TO STA 3695+86 - DIVISION 7

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3695+31	0	39	0	0	0	0	0	0
3695+36	5	38	0	7	0	7	0	7
3695+71	35	57	0	62	0	69	0	69
3695+86	15	86	0	40	0	109	0	109
				109	0			

STAGE 2C2 - USH 53 NB - STA 3705+15 TO STA 3708+77 - DIVISION 8

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3705+15	0	52	0	0	0	0	0	0
3706+00	85	51	0	161	0	161	0	161
3706+14	14	51	0	26	0	187	0	187
3706+34	20	56	0	41	0	228	0	228
3707+00	66	49	0	120	0	348	0	348
3707+84	84	78	0	243	0	591	0	591
3708+00	16	78	0	46	0	637	0	637
3708+65	65	77	0	185	0	822	0	822
3708+77	12	77	0	34	0	856	0	856
				856	0			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2C2 -USH 53 NB/STH 70 EXIT - STA 3685+59 TO STA 3695+31 - DIVISION 8

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3685+59	0	33	0	0	0	0	0	0
3685+69	10	33	0	12	0	12	0	12
3685+72	3	33	0	4	0	16	0	16
3686+00	28	34	0	35	0	51	0	51
3686+22	22	34	0	28	0	79	0	79
3686+76	54	33	0	67	0	146	0	146
3687+00	24	33	0	29	0	175	0	175
3688+00	100	30	0	117	0	292	0	292
3689+00	100	28	0	107	0	399	0	399
3689+03	3	28	0	3	0	402	0	402
3689+56	53	29	0	56	0	458	0	458
3690+00	44	33	0	51	0	509	0	509
3690+10	10	34	0	12	0	521	0	521
3690+63	53	31	0	64	0	585	0	585
3691+00	37	31	0	42	0	627	0	627
3691+16	16	32	0	19	0	646	0	646
3692+00	84	32	0	100	0	746	0	746
3693+00	100	32	0	119	0	865	0	865
3693+90	90	31	0	105	0	970	0	970
3694+00	10	31	0	11	0	981	0	981
3694+05	5	31	0	6	0	987	0	987
3694+25	20	32	0	23	0	1010	0	1010
3695+00	75	34	0	92	0	1102	0	1102
3695+06	6	33	0	7	0	1109	0	1109
3695+26	20	36	0	26	0	1135	0	1135
3695+31	5	39	0	7	0	1142	0	1142
				1142	0			

STAGE 2C2 -USH 53 NB/STH 70 ENTRANCE - STA 3695+51 TO STA 3707+83 - DIVISION 8

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3695+51	0	41	40	0	0	0	0	0
3695+75	24	31	56	32	43	32	54	-22
3695+84	9	29	47	10	17	42	75	-33
3695+87	3	27	41	3	5	45	81	-36
3695+91	4	28	30	4	5	49	87	-38
3695+92	1	28	19	1	1	50	88	-38
3696+00	8	28	13	8	5	58	94	-36
3696+08	8	29	8	8	3	66	98	-32
3696+19	11	30	0	12	2	78	101	-23
3696+23	4	31	0	5	0	83	101	-18
3696+38	15	31	0	17	0	100	101	-1
3696+42	4	31	0	5	0	105	101	4
3697+00	58	32	0	68	0	173	101	72
3698+00	100	34	0	122	0	295	101	194
3699+00	100	31	0	120	0	415	101	314
3699+18	18	33	0	21	0	436	101	335
3699+32	14	31	0	17	0	453	101	352
3699+68	36	30	0	41	0	494	101	393
3700+00	32	31	0	36	0	530	101	429
3700+05	5	30	0	6	0	536	101	435
3700+41	36	30	0	40	0	576	101	475
3701+00	59	35	0	71	0	647	101	546
3701+30	30	37	0	40	0	687	101	586
3701+84	54	41	0	78	0	765	101	664
3702+00	16	42	0	25	0	790	101	689
3702+37	37	42	0	58	0	848	101	747
3702+90	53	37	0	78	0	926	101	825
3703+00	10	36	0	14	0	940	101	839
3703+44	44	35	0	58	0	998	101	897
3704+00	56	33	0	71	0	1069	101	968
3705+00	100	30	0	117	0	1186	101	1085
3706+00	100	29	0	109	0	1295	101	1194
3706+16	16	28	0	17	0	1312	101	1211
3706+36	20	26	0	20	0	1332	101	1231
3706+77	41	32	0	44	0	1376	101	1275
3707+00	23	31	0	27	0	1403	101	1302
3707+30	30	29	0	33	0	1436	101	1335
3707+83	53	30	0	58	0	1494	101	1393
				1494	81			

STAGE 2D - USH 53 NB/STH 70 NB ENTRANCE - STA 3694+93 TO STA 3695+42 - DIVISION 9

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3694+93	0	0	0	0	0	0	0	0
3695+06	13	26	1	13	0	13	0	13
3695+11	5	38	0	7	0	20	0	20
3695+18	7	61	0	16	0	36	0	36
3695+22	4	68	0	10	0	46	0	46
3695+38	16	59	7	35	4	81	5	76
3695+42	4	47	14	7	2	88	8	80
				88	6			

STAGE 2D - STH 70 WB - STA 259+22 TO STA 260+18 - DIVISION 9

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
259+22	0	24	0	0	0	0	0	0
259+63	41	27	0	41	0	41	0	41
259+78	15	30	0	17	0	58	0	58
259+83	5	33	0	6	0	64	0	64
259+84	1	31	0	1	0	65	0	65
259+87	3	28	0	3	0	68	0	68
259+98	11	25	0	10	0	78	0	78
260+00	2	25	0	2	0	80	0	80
260+18	18	24	0	16	0	96	0	96
				96	0			

STAGE 2E - STH 70 WB - STA 251+50 TO STA 253+94 - DIVISION 10

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
251+50	0	33	0	0	0	0	0	0
251+55	5	31	1	6	0	6	0	6
251+63	8	30	1	9	0	15	0	15
251+86	23	29	0	25	0	40	0	40
252+00	14	29	0	15	0	55	0	55
252+40	40	27	0	40	0	95	0	95
252+49	9	28	0	9	0	104	0	104
252+65	16	27	0	16	0	120	0	120
252+87	22	27	0	22	0	142	0	142
252+90	3	27	0	3	0	145	0	145
253+00	10	27	1	10	0	155	0	155
253+12	12	27	1	12	0	167	0	167
253+23	11	25	68	10	28	177	35	142
253+37	14	26	75	13	39	190	84	106
253+51	14	25	92	13	48	203	144	59
253+57	6	25	76	6	17	209	165	44
253+94	37	20	0	27	0	236	165	71
				236	132			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 2E - STH 70 WB - STA 256+55 TO STA 259+22 - DIVISION 10

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
256+55	0	24	1	0	0	0	0	0
256+67	12	26	0	12	0	12	0	12
256+86	19	30	0	21	0	33	0	33
257+00	14	30	0	16	0	49	0	49
257+13	13	31	0	15	0	64	0	64
257+38	25	30	0	28	0	92	0	92
257+59	21	29	0	23	0	115	0	115
257+63	4	29	0	4	0	119	0	119
257+84	21	27	0	21	0	140	0	140
257+95	11	30	1	12	0	152	0	152
258+00	5	32	1	6	0	158	0	158
258+09	9	31	3	10	1	168	1	167
258+66	57	30	0	63	0	231	1	230
258+70	4	30	0	4	0	235	1	234
258+92	22	31	0	25	0	260	1	259
258+97	5	30	0	6	0	266	1	265
259+00	3	28	0	3	0	269	1	268
259+16	16	25	0	15	0	284	1	283
259+18	2	25	0	2	0	286	1	285
259+22	4	24	0	4	0	290	1	289
				290	1			

STAGE 3 - TEMPORARY CROSSOVER STH 70 SB ENTRANCE RAMP - STA 10+00 TO STA 27+53 - DIVISION 11

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
10+00	0	15	0	0	0	0	0	0
11+00	100	14	0	54	0	54	0	54
11+88	88	13	0	44	0	98	0	98
12+00	12	13	0	6	0	104	0	104
13+00	100	12	0	46	0	150	0	150
14+00	100	12	0	44	0	194	0	194
15+00	100	11	4	43	7	237	9	228
16+00	100	11	4	41	15	278	28	250
16+60	60	12	3	26	8	304	38	266
17+00	40	12	4	18	5	322	44	278
18+00	100	11	11	43	28	365	79	286
19+00	100	10	17	39	52	404	144	260
20+00	100	10	25	37	78	441	242	199
21+00	100	10	25	37	93	478	358	120
21+62	62	18	59	32	96	510	478	32
21+63	1	11	59	1	2	511	481	30
22+00	37	6	29	12	60	523	556	-33
23+00	100	1	27	13	104	536	686	-150
24+00	100	1	28	4	102	540	814	-274
24+50	50	2	29	3	53	543	880	-337
24+69	19	2	27	1	20	544	905	-361
25+00	31	5	26	4	30	548	943	-395
25+19	19	9	51	5	27	553	977	-424
25+20	1	16	51	0	2	553	980	-427
25+58	38	10	22	18	51	571	1044	-473
26+00	42	10	10	16	25	587	1075	-488
27+00	100	11	1	39	20	626	1100	-474
27+26	26	11	0	11	0	637	1100	-463
27+53	27	12	0	12	0	649	1100	-451
				649	878			

STAGE 3 - TEMPORARY CROSSOVER STH 70 SB EXIT RAMP GORE - STA 13+61 TO STA 16+52 - DIVISION 11

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
13+61	0	8	0	0	0	0	0	0
14+00	39	8	0	12	0	12	0	12
14+26	26	8	1	8	0	20	0	20
14+92	66	8	4	20	6	40	8	32
15+00	8	8	3	2	1	42	9	33
15+17	17	9	1	5	1	47	10	37
15+21	4	15	0	2	0	49	10	39
16+00	79	21	0	53	0	102	10	92
16+52	52	24	0	43	0	145	10	135
				145	8			

STAGE 3 - TEMPORARY CROSSOVER STH 70 SB EXIT - STA 17+09 TO STA 25+45 - DIVISION 11

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
17+09	0	11	0	0	0	0	0	0
17+23	14	11	0	6	0	6	0	6
17+57	34	16	0	17	0	23	0	23
18+00	43	18	0	27	0	50	0	50
18+36	36	42	0	40	0	90	0	90
18+37	1	35	0	1	0	91	0	91
18+87	50	17	0	48	0	139	0	139
19+00	13	17	0	8	0	147	0	147
19+69	69	20	0	47	0	194	0	194
20+00	31	23	0	25	0	219	0	219
20+31	31	32	16	32	9	251	11	240
20+32	1	40	16	1	1	252	12	240
21+00	68	11	15	64	39	316	61	255
22+00	100	9	14	37	54	353	129	224
23+00	100	9	18	33	59	386	203	183
23+52	52	9	11	17	28	403	238	165
24+00	48	9	12	16	20	419	263	156
24+82	82	10	7	29	29	448	299	149
25+00	18	10	4	7	4	455	304	151
25+45	45	11	0	18	3	473	308	165
				473	246			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 3 - TEMPORARY CROSSOVER USH 63 SB EXIT - STA 13+93 TO STA 25+74 - DIVISION 11

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
13+93	0	13	0	0	0	0	0	0
14+00	7	13	0	3	0	3	0	3
14+13	13	13	0	6	0	9	0	9
14+61	48	13	4	23	4	32	5	27
15+00	39	13	11	19	11	51	19	32
15+69	69	13	17	33	36	84	64	20
15+70	1	15	34	1	1	85	65	20
16+00	30	4	21	11	31	96	104	-8
16+20	20	2	21	2	16	98	124	-26
17+00	80	2	21	6	62	104	202	-98
17+25	25	2	24	2	21	106	228	-122
18+00	75	9	36	15	83	121	332	-211
18+13	13	10	39	5	18	126	355	-229
18+36	23	19	0	12	17	138	376	-238
18+37	1	21	0	1	0	139	376	-237
18+59	22	38	0	24	0	163	376	-213
18+87	28	21	0	31	0	194	376	-182
19+00	13	17	5	9	1	203	377	-174
20+00	100	14	8	57	24	260	407	-147
21+00	100	15	7	54	28	314	442	-128
22+00	100	16	4	57	20	371	467	-96
23+00	100	16	4	59	15	430	486	-56
23+74	74	17	3	45	10	475	499	-24
24+00	26	18	2	17	2	492	502	-10
25+00	100	15	0	61	4	553	507	46
25+74	74	8	0	32	0	585	507	78
				585	404			

STAGE 3 - TEMPORARY WIDENING CTH A - STA 3863+78 TO STA 3876+59 - DIVISION 11

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3863+78	0	13	0	0	0	0	0	0
3864+00	22	13	0	11	0	11	0	11
3865+00	100	8	1	39	2	50	3	47
3866+00	100	9	4	31	9	81	14	67
3867+00	100	10	4	35	15	116	33	83
3867+09	9	10	3	3	1	119	34	85
3867+43	34	22	0	20	2	139	37	102
3867+87	44	27	0	40	0	179	37	142
3868+00	13	26	0	13	0	192	37	155
3868+30	30	15	0	23	0	215	37	178
3868+89	59	10	1	27	1	242	38	204
3869+00	11	10	1	4	0	246	38	208
3869+49	49	10	3	18	4	264	43	221
3870+00	51	9	3	18	6	282	51	231
3871+00	100	10	2	35	9	317	62	255
3872+00	100	9	3	35	9	352	73	279
3872+74	74	8	3	23	8	375	83	292
3873+00	26	9	1	8	2	383	86	297
3874+00	100	13	0	41	2	424	89	335
3874+82	82	12	0	38	0	462	89	373
3875+00	18	12	0	8	0	470	89	381
3876+00	100	12	0	44	0	514	89	425
3876+59	59	12	0	26	0	540	89	451
				540	70			

STAGE 4 - USH 53 SB - STA 6560+00 TO STA 6682+36 - DIVISION 12

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6560+00	0	30	1	0	0	0	0	0
6561+00	100	31	0	113	2	113	3	110
6562+00	100	32	0	117	0	230	3	227
6563+00	100	30	0	115	0	345	3	342
6564+00	100	30	0	111	0	456	3	453
6565+00	100	30	0	111	0	567	3	564
6566+00	100	31	0	113	0	680	3	677
6567+00	100	31	0	115	0	795	3	792
6568+00	100	31	0	115	0	910	3	907
6569+00	100	31	0	115	0	1025	3	1022
6570+00	100	33	0	119	0	1144	3	1141
6571+00	100	31	0	119	0	1263	3	1260
6572+00	100	32	0	117	0	1380	3	1377
6573+00	100	33	0	120	0	1500	3	1497
6574+00	100	34	0	124	0	1624	3	1621
6575+00	100	49	0	154	0	1778	3	1775
6575+54	54	51	0	100	0	1878	3	1875
6576+00	46	53	0	89	0	1967	3	1964
6577+00	100	54	0	198	0	2165	3	2162
6577+36	36	55	0	73	0	2238	3	2235
6577+96	60	49	0	116	0	2354	3	2351
6578+00	4	48	0	7	0	2361	3	2358
6578+56	56	44	0	95	0	2456	3	2453
6579+00	44	47	0	74	0	2530	3	2527
6580+00	100	51	0	181	0	2711	3	2708
6581+00	100	44	0	176	0	2887	3	2884
6581+67	67	44	0	109	0	2996	3	2993
6582+00	33	43	0	53	0	3049	3	3046
6583+00	100	42	0	157	0	3206	3	3203
6584+00	100	41	0	154	0	3360	3	3357
6585+00	100	39	0	148	0	3508	3	3505
6586+00	100	40	0	146	0	3654	3	3651
6586+40	40	48	0	65	0	3719	3	3716
6587+00	60	49	0	108	0	3827	3	3824
6588+00	100	52	0	187	0	4014	3	4011
6589+00	100	54	0	196	0	4210	3	4207
6590+00	100	50	0	193	0	4403	3	4400
6590+27	27	49	0	50	0	4453	3	4450
6590+87	60	55	0	116	0	4569	3	4566
6591+00	13	56	0	27	0	4596	3	4593
6591+47	47	59	0	100	0	4696	3	4693
6592+00	53	58	0	115	0	4811	3	4808
6593+00	100	54	0	207	0	5018	3	5015
6594+00	100	52	0	196	0	5214	3	5211
6595+00	100	50	0	189	0	5403	3	5400
6595+61	61	51	0	114	0	5517	3	5514
6596+00	39	49	0	72	0	5589	3	5586
6596+21	21	56	0	41	0	5630	3	5627
6596+29	8	56	0	17	0	5647	3	5644
6596+71	42	57	0	88	0	5735	3	5732
6596+89	18	53	2	37	1	5772	4	5768
6597+00	11	55	5	22	1	5794	5	5789
6597+04	4	51	0	8	0	5802	5	5797
6597+44	40	55	0	79	0	5881	5	5876
6597+51	7	56	0	14	0	5895	5	5890
6597+84	33	55	0	68	0	5963	5	5958
6598+00	16	54	0	32	0	5995	5	5990
6598+03	3	54	0	6	0	6001	5	5996
6598+32	29	52	5	57	3	6058	9	6049
6598+92	60	52	4	116	10	6174	22	6152
6599+00	8	51	4	15	1	6189	23	6166
6600+00	100	48	8	183	22	6372	51	6321

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4 - USH 53 SB - STA 6560+00 TO STA 6682+36 - DIVISION 12 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6600+62	62	47	11	109	22	6481	79	6402
6601+00	38	43	6	63	12	6544	94	6450
6601+37	37	42	1	58	5	6602	100	6502
6601+87	50	42	1	78	2	6680	103	6577
6602+00	13	36	0	19	0	6699	103	6596
6602+47	47	36	0	63	0	6762	103	6659
6603+00	53	34	0	69	0	6831	103	6728
6604+00	100	34	0	126	0	6957	103	6854
6605+00	100	33	0	124	0	7081	103	6978
6606+00	100	34	0	124	0	7205	103	7102
6607+00	100	33	0	124	0	7329	103	7226
6608+00	100	32	0	120	0	7449	103	7346
6609+00	100	31	0	117	0	7566	103	7463
6610+00	100	31	0	115	0	7681	103	7578
6611+00	100	31	0	115	0	7796	103	7693
6612+00	100	32	0	117	0	7913	103	7810
6613+00	100	32	0	119	0	8032	103	7929
6614+00	100	30	0	115	0	8147	103	8044
6614+27	27	30	0	30	0	8177	103	8074
6614+87	60	36	0	73	0	8250	103	8147
6614+99	12	31	0	15	0	8265	103	8162
6615+00	1	31	0	1	0	8266	103	8163
6615+46	46	36	0	57	0	8323	103	8220
6615+52	6	38	0	8	0	8331	103	8228
6615+78	26	34	0	35	0	8366	103	8263
6616+00	22	33	0	27	0	8393	103	8290
6616+24	24	29	0	28	0	8421	103	8318
6616+35	11	33	0	13	0	8434	103	8331
6616+95	60	27	0	67	0	8501	103	8398
6617+00	5	27	0	5	0	8506	103	8403
6618+00	100	26	0	98	0	8604	103	8501
6619+00	100	27	0	98	0	8702	103	8599
6620+00	100	32	0	109	0	8811	103	8708
6621+00	100	32	0	119	0	8930	103	8827
6622+00	100	33	0	120	0	9050	103	8947
6623+00	100	36	0	128	0	9178	103	9075
6624+00	100	37	0	135	0	9313	103	9210
6625+00	100	37	0	137	0	9450	103	9347
6626+00	100	35	0	133	0	9583	103	9480
6627+00	100	38	0	135	0	9718	103	9615
6627+55	55	42	0	81	0	9799	103	9696
6628+00	45	41	0	69	0	9868	103	9765
6629+00	100	45	0	159	0	10027	103	9924
6630+00	100	46	0	169	0	10196	103	10093
6631+00	100	47	0	172	0	10368	103	10265
6632+00	100	47	0	174	0	10542	103	10439
6633+00	100	49	0	178	0	10720	103	10617
6634+00	100	45	0	174	0	10894	103	10791
6635+00	100	46	0	169	0	11063	103	10960
6636+00	100	48	0	174	0	11237	103	11134
6637+00	100	49	0	180	0	11417	103	11314
6638+00	100	52	0	187	0	11604	103	11501
6638+66	66	54	0	130	0	11734	103	11631
6639+00	34	52	0	67	0	11801	103	11698
6639+26	26	51	0	50	0	11851	103	11748
6639+86	60	47	0	109	0	11960	103	11857
6640+00	14	47	0	24	0	11984	103	11881
6640+46	46	47	0	80	0	12064	103	11961
6640+91	45	47	0	78	0	12142	103	12039
6641+00	9	47	0	16	0	12158	103	12055
6642+00	100	46	0	172	0	12330	103	12227
6643+00	100	46	0	170	0	12500	103	12397
6644+00	100	48	0	174	0	12674	103	12571
6644+98	98	60	0	196	0	12870	103	12767
6645+00	2	60	0	4	0	12874	103	12771
6645+09	9	41	0	17	0	12891	103	12788
6646+00	91	60	0	170	0	13061	103	12958
6646+12	12	58	0	26	0	13087	103	12984
6646+18	6	56	0	13	0	13100	103	12997
6647+00	82	49	0	159	0	13259	103	13156
6648+00	100	49	0	181	0	13440	103	13337
6649+00	100	48	0	180	0	13620	103	13517
6650+00	100	48	0	178	0	13798	103	13695
6651+00	100	51	0	183	0	13981	103	13878
6652+00	100	50	0	187	0	14168	103	14065
6653+00	100	47	0	180	0	14348	103	14245
6654+00	100	49	0	178	0	14526	103	14423
6655+00	100	52	0	187	0	14713	103	14610
6656+00	100	51	0	191	0	14904	103	14801
6657+00	100	50	0	187	0	15091	103	14988
6658+00	100	53	0	191	0	15282	103	15179
6659+00	100	54	0	198	0	15480	103	15377
6659+25	25	54	0	50	0	15530	103	15427
6659+70	45	52	0	88	0	15618	103	15515
6660+00	30	52	0	58	0	15676	103	15573
6660+30	30	51	0	57	0	15733	103	15630
6660+90	60	52	0	114	0	15847	103	15744
6661+00	10	52	0	19	0	15866	103	15763
6661+50	50	54	0	98	0	15964	103	15861
6662+00	50	51	0	97	0	16061	103	15958
6663+00	100	50	0	187	0	16248	103	16145
6664+00	100	50	0	185	0	16433	103	16330
6665+00	100	50	0	185	0	16618	103	16515
6666+00	100	49	0	183	0	16801	103	16698
6667+00	100	47	0	178	0	16979	103	16876
6668+00	100	48	0	176	0	17155	103	17052
6669+00	100	47	0	176	0	17331	103	17228
6670+00	100	47	0	174	0	17505	103	17402
6671+00	100	47	0	174	0	17679	103	17576
6672+00	100	49	0	178	0	17857	103	17754
6673+00	100	50	0	183	0	18040	103	17937
6674+00	100	48	0	181	0	18221	103	18118
6675+00	100	49	0	180	0	18401	103	18298
6676+00	100	48	0	180	0	18581	103	18478
6676+34	34	49	0	61	0	18642	103	18539
6677+00	66	50	0	121	0	18763	103	18660
6677+34	34	51	0	64	0	18827	103	18724
6678+00	66	54	0	128	0	18955	103	18852
6679+00	100	52	0	196	0	19151	103	19048
6680+00	100	54	0	196	0	19347	103	19244
6681+00	100	60	0	211	0	19558	103	19455
6682+00	100	63	0	228	0	19786	103	19683
6682+36	36	63	0	84	0	19870	103	19767
						19870	81	

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4 - USH 53 SB - STA 6688+22 TO STA 6708+39 - DIVISION 12

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6688+22	0	53	0	0	0	0	0	0
6688+42	20	50	0	38	0	38	0	38
6689+00	58	52	0	110	0	148	0	148
6689+32	32	51	0	61	0	209	0	209
6690+00	68	51	0	128	0	337	0	337
6691+00	100	51	0	189	0	526	0	526
6692+00	100	51	0	189	0	715	0	715
6693+00	100	55	0	196	0	911	0	911
6694+00	100	75	0	241	0	1152	0	1152
6694+89	89	77	0	251	0	1403	0	1403
6695+00	11	65	0	29	0	1432	0	1432
6696+00	100	64	0	239	0	1671	0	1671
6696+39	39	62	0	91	0	1762	0	1762
6697+00	61	56	0	133	0	1895	0	1895
6697+03	3	56	0	6	0	1901	0	1901
6697+15	12	56	0	25	0	1926	0	1926
6697+50	35	53	0	71	0	1997	0	1997
6697+65	15	41	0	26	0	2023	0	2023
6697+96	31	38	0	45	0	2068	0	2068
6698+00	4	38	0	6	0	2074	0	2074
6698+27	27	37	0	38	0	2112	0	2112
6698+77	50	37	0	69	0	2181	0	2181
6698+89	12	37	0	16	0	2197	0	2197
6699+00	11	37	0	15	0	2212	0	2212
6699+53	53	37	0	73	0	2285	0	2285
6700+00	47	38	0	65	0	2350	0	2350
6700+97	97	39	0	138	0	2488	0	2488
6701+00	3	44	0	5	0	2493	0	2493
6701+03	3	44	0	5	0	2498	0	2498
6702+00	97	46	0	162	0	2660	0	2660
6703+00	100	46	0	170	0	2830	0	2830
6704+00	100	47	0	172	0	3002	0	3002
6705+00	100	46	0	172	0	3174	0	3174
6706+00	100	44	0	167	0	3341	0	3341
6707+00	100	45	0	165	0	3506	0	3506
6708+00	100	46	0	169	0	3675	0	3675
6708+39	39	50	0	69	0	3744	0	3744
				3744	0			

STAGE 4 - USH 53 SB - STA 6712+53 TO STA 6721+57 - DIVISION 12

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6712+53	0	69	0	0	0	0	0	0
6713+00	47	54	0	94	0	94	0	94
6713+85	85	44	0	154	0	248	0	248
6713+98	13	44	0	21	0	269	0	269
6714+00	2	44	0	3	0	272	0	272
6714+30	30	44	0	49	0	321	0	321
6715+00	70	48	0	119	0	440	0	440
6716+00	100	54	0	189	0	629	0	629
6717+00	100	53	0	198	0	827	0	827
6717+49	49	54	0	97	0	924	0	924
6718+00	51	54	0	102	0	1026	0	1026
6718+40	40	58	0	83	0	1109	0	1109
6718+99	59	48	0	116	0	1225	0	1225
6719+00	1	48	0	2	0	1227	0	1227
6719+62	62	46	0	108	0	1335	0	1335
6719+75	13	46	0	22	0	1357	0	1357
6720+00	25	45	0	42	0	1399	0	1399
6720+43	43	45	0	72	0	1471	0	1471
6720+49	6	45	0	10	0	1481	0	1481
6720+73	24	48	0	41	0	1522	0	1522
6720+76	3	48	0	5	0	1527	0	1527
6721+00	24	45	0	41	0	1568	0	1568
6721+04	4	41	0	6	0	1574	0	1574
6721+09	5	41	0	8	0	1582	0	1582
6721+10	1	41	1	2	0	1584	0	1584
6721+15	5	40	1	8	0	1592	0	1592
6721+23	8	40	2	12	0	1604	0	1604
6721+29	6	39	4	9	1	1613	1	1612
6721+31	2	39	5	3	0	1616	1	1615
6721+42	11	38	0	16	1	1632	2	1630
6721+57	15	0	0	11	0	1643	2	1641
				1643	2			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4 - USH 53 SB - STA 6722+15 TO STA 6822+46 - DIVISION 12

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6722+15	0	0	0	0	0	0	0	0
6722+29	14	41	0	11	0	11	0	11
6722+42	13	43	0	20	0	31	0	31
6722+53	11	44	0	18	0	49	0	49
6722+74	21	46	0	35	0	84	0	84
6723+00	26	47	0	45	0	129	0	129
6723+02	2	48	0	4	0	133	0	133
6723+66	64	51	14	117	17	250	21	229
6723+88	22	52	11	42	10	292	34	258
6724+00	12	50	12	23	5	315	40	275
6724+18	18	48	11	33	8	348	50	298
6724+25	7	48	9	12	3	360	54	306
6724+26	1	48	9	2	0	362	54	308
6724+38	12	48	10	21	4	383	59	324
6724+52	14	48	12	25	6	408	67	341
6724+77	25	47	24	44	17	452	88	364
6724+86	9	47	22	16	8	468	98	370
6725+00	14	47	16	24	10	492	111	381
6725+01	1	48	15	2	1	494	112	382
6725+17	16	49	9	29	7	523	121	402
6725+46	29	51	1	54	5	577	127	450
6725+64	18	55	4	35	2	612	130	482
6725+86	22	55	1	45	2	657	133	524
6726+00	14	57	0	29	0	686	133	553
6726+51	51	56	0	107	0	793	133	660
6727+00	49	56	0	102	0	895	133	762
6728+00	100	51	0	198	0	1093	133	960
6729+00	100	49	0	185	0	1278	133	1145
6730+00	100	45	0	174	0	1452	133	1319
6731+00	100	41	0	159	0	1611	133	1478
6732+00	100	38	0	146	0	1757	133	1624
6733+00	100	37	0	139	0	1896	133	1763
6734+00	100	37	0	137	0	2033	133	1900
6735+00	100	37	0	137	0	2170	133	2037
6736+00	100	39	0	141	0	2311	133	2178
6737+00	100	40	0	146	0	2457	133	2324
6737+76	76	41	0	114	0	2571	133	2438
6737+97	21	44	0	33	0	2604	133	2471
6738+00	3	45	0	5	0	2609	133	2476
6738+26	26	52	0	47	0	2656	133	2523
6738+60	34	48	0	63	0	2719	133	2586
6738+66	6	48	0	11	0	2730	133	2597
6738+95	29	50	0	53	0	2783	133	2650
6739+00	5	50	0	9	0	2792	133	2659
6739+09	9	50	0	17	0	2809	133	2676
6739+69	60	47	0	108	0	2917	133	2784
6739+83	14	58	9	27	2	2944	136	2808
6740+00	17	55	8	36	5	2980	142	2838
6741+00	100	57	5	207	24	3187	172	3015
6741+53	53	58	4	113	9	3300	183	3117
6741+71	18	56	5	38	3	3338	187	3151
6742+00	29	52	8	58	7	3396	196	3200
6742+31	31	47	11	57	11	3453	210	3243
6742+71	40	47	10	70	16	3523	230	3293
6742+91	20	48	9	35	7	3558	239	3319
6743+00	9	48	7	16	3	3574	243	3331
6743+46	46	48	1	82	7	3656	252	3404
6743+51	5	49	0	9	0	3665	252	3413
6743+96	45	47	0	80	0	3745	252	3493
6744+00	4	43	0	7	0	3752	252	3500
6745+00	100	43	0	159	0	3911	252	3659
6746+00	100	43	0	159	0	4070	252	3818
6747+00	100	45	0	163	0	4233	252	3981
6748+00	100	52	0	180	0	4413	252	4161
6748+55	55	56	0	110	0	4523	252	4271
6749+00	45	53	0	91	0	4614	252	4362
6749+15	15	52	0	29	0	4643	252	4391
6749+75	60	46	0	109	0	4752	252	4500
6749+84	9	46	0	15	0	4767	252	4515
6750+00	16	47	0	28	0	4795	252	4543

NOTES:	
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2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4 - USH 53 SB - STA 6722+15 TO STA 6822+46 - DIVISION 12 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6751+00	100	50	0	180	0	4975	252	4723
6752+00	100	51	0	187	0	5162	252	4910
6753+00	100	51	0	189	0	5351	252	5099
6754+00	100	51	0	189	0	5540	252	5288
6755+00	100	55	0	196	0	5736	252	5484
6756+00	100	56	0	206	0	5942	252	5690
6757+00	100	60	0	215	0	6157	252	5905
6758+00	100	59	0	220	0	6377	252	6125
6759+00	100	59	0	219	0	6596	252	6344
6760+00	100	57	0	215	0	6811	252	6559
6761+00	100	57	0	211	0	7022	252	6770
6762+00	100	54	0	206	0	7228	252	6976
6763+00	100	54	0	200	0	7428	252	7176
6764+00	100	50	0	193	0	7621	252	7369
6765+00	100	50	0	185	0	7806	252	7554
6766+00	100	56	0	196	0	8002	252	7750
6767+00	100	55	0	206	0	8208	252	7956
6768+00	100	55	0	204	0	8412	252	8160
6769+00	100	52	0	198	0	8610	252	8358
6770+00	100	54	0	196	0	8806	252	8554
6771+00	100	50	0	193	0	8999	252	8747
6772+00	100	50	0	185	0	9184	252	8932
6773+00	100	53	0	191	0	9375	252	9123
6774+00	100	50	0	191	0	9566	252	9314
6775+00	100	47	0	180	0	9746	252	9494
6776+00	100	48	0	176	0	9922	252	9670
6777+00	100	47	0	176	0	10098	252	9846
6778+00	100	45	0	170	0	10268	252	10016
6779+00	100	47	0	170	0	10438	252	10186
6779+45	45	47	0	78	0	10516	252	10264
6779+96	51	50	0	92	0	10608	252	10356
6780+00	4	54	0	8	0	10616	252	10364
6780+04	4	41	0	7	0	10623	252	10371
6780+41	37	48	0	61	0	10684	252	10432
6780+48	7	48	0	12	0	10696	252	10444
6780+70	22	64	0	46	0	10742	252	10490
6780+88	18	52	0	39	0	10781	252	10529
6780+95	7	47	0	13	0	10794	252	10542
6781+00	5	47	0	9	0	10803	252	10551
6781+35	35	42	0	58	0	10861	252	10609
6781+45	10	50	0	17	0	10878	252	10626
6781+96	51	45	0	90	0	10968	252	10716
6782+00	4	45	0	7	0	10975	252	10723
6783+00	100	45	0	167	0	11142	252	10890
6784+00	100	46	0	169	0	11311	252	11059
6785+00	100	47	0	172	0	11483	252	11231
6786+00	100	48	0	176	0	11659	252	11407
6787+00	100	54	0	189	0	11848	252	11596
6788+00	100	59	0	209	0	12057	252	11805
6789+00	100	62	0	224	0	12281	252	12029
6790+00	100	60	0	226	0	12507	252	12255
6791+00	100	59	0	220	0	12727	252	12475
6792+00	100	59	0	219	0	12946	252	12694
6792+64	64	63	0	145	0	13091	252	12839
6793+00	36	65	0	85	0	13176	252	12924
6793+04	4	65	0	10	0	13186	252	12934
6793+18	14	65	0	34	0	13220	252	12968
6793+29	11	70	0	28	0	13248	252	12996
6793+38	9	57	0	21	0	13269	252	13017
6793+50	12	55	0	25	0	13294	252	13042
6793+73	23	55	0	47	0	13341	252	13089
6793+76	3	56	0	6	0	13347	252	13095
6794+00	24	56	0	50	0	13397	252	13145
6794+12	12	56	0	25	0	13422	252	13170
6794+21	9	54	0	18	0	13440	252	13188
6794+43	22	54	0	44	0	13484	252	13232
6794+45	2	54	0	4	0	13488	252	13236
6794+67	22	55	0	44	0	13532	252	13280
6794+79	12	56	0	25	0	13557	252	13305
6794+81	2	70	0	5	0	13562	252	13310
6794+89	8	72	0	21	0	13583	252	13331
6795+00	11	72	0	29	0	13612	252	13360
6795+07	7	72	0	19	0	13631	252	13379
6795+41	34	86	0	99	0	13730	252	13478
6796+00	59	79	7	180	8	13910	262	13648
6797+00	100	71	17	278	44	14188	317	13871
6798+00	100	69	13	259	56	14447	387	14060
6798+24	24	67	14	60	12	14507	402	14105
6798+82	58	65	3	142	18	14649	425	14224
6798+99	17	63	0	40	1	14689	426	14263
6799+00	1	63	0	2	0	14691	426	14265
6799+49	49	55	0	107	0	14798	426	14372
6800+00	51	44	0	94	0	14892	426	14466

STAGE 4 - USH 53 SB - STA 6722+15 TO STA 6822+46 - DIVISION 12 CONT'D

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6800+09	9	43	0	15	0	14907	426	14481
6800+20	11	51	0	19	0	14926	426	14500
6800+32	12	48	0	22	0	14948	426	14522
6800+92	60	45	0	103	0	15051	426	14625
6801+00	8	45	0	13	0	15064	426	14638
6802+00	100	45	0	167	0	15231	426	14805
6803+00	100	44	0	165	0	15396	426	14970
6804+00	100	44	0	163	0	15559	426	15133
6805+00	100	47	0	169	0	15728	426	15302
6806+00	100	47	0	174	0	15902	426	15476
6807+00	100	47	0	174	0	16076	426	15650
6808+00	100	48	0	176	0	16252	426	15826
6809+00	100	49	0	180	0	16432	426	16006
6810+00	100	53	0	189	0	16621	426	16195
6811+00	100	53	0	196	0	16817	426	16391
6812+00	100	52	0	194	0	17011	426	16585
6813+00	100	51	0	191	0	17202	426	16776
6814+00	100	50	0	187	0	17389	426	16963
6815+00	100	51	0	187	0	17576	426	17150
6816+00	100	52	0	191	0	17767	426	17341
6817+00	100	52	0	193	0	17960	426	17534
6818+00	100	53	0	194	0	18154	426	17728
6818+43	43	55	8	86	6	18240	434	17806
6818+75	32	45	0	59	5	18299	440	17859
6819+00	25	45	0	42	0	18341	440	17901
6819+93	93	46	0	157	0	18498	440	18058
6820+00	7	46	0	12	0	18510	440	18070
6820+57	57	44	0	95	0	18605	440	18165
6820+69	12	44	0	20	0	18625	440	18185
6820+99	30	46	0	50	0	18675	440	18235
6821+00	1	46	0	2	0	18677	440	18237
6821+29	29	45	0	49	0	18726	440	18286
6821+38	9	44	0	15	0	18741	440	18301
6821+59	21	42	1	33	0	18774	440	18334
6821+65	6	43	1	9	0	18783	440	18343
6821+86	21	44	1	34	1	18817	441	18376
6821+89	3	43	0	5	0	18822	441	18381
6821+98	9	43	0	14	0	18836	441	18395
6821+99	1	43	0	2	0	18838	441	18397
6822+00	1	43	0	2	0	18840	441	18399
6822+04	4	43	0	6	0	18846	441	18405
6822+06	2	43	0	3	0	18849	441	18408
6822+46	40	0	0	32	0	18881	441	18440
				18881	350			

STAGE 4 - USH 53 SB - STA 6825+33 TO STA 6848+19 - DIVISION 12

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6825+33	0	0	0	0	0	0	0	0
6825+73	40	48	0	36	0	36	0	36
6825+82	9	47	0	16	0	52	0	52
6826+00	18	55	0	34	0	86	0	86
6826+40	40	53	0	80	0	166	0	166
6826+42	2	53	0	4	0	170	0	170
6827+00	58	49	0	110	0	280	0	280
6827+60	60	50	0	110	0	390	0	390
6827+70	10	53	0	19	0	409	0	409
6827+95	25	54	20	50	9	459	11	448
6828+00	5	54	32	10	5	469	17	452
6828+20	20	54	75	40	40	509	67	442
6828+50	30	57	25	62	56	571	137	434
6828+60	10	59	13	21	7	592	146	446
6828+80	20	65	2	46	6	638	154	484
6828+91	11	64	0	26	0	664	154	510
6829+00	9	63	0	21	0	685	154	531
6829+17	17	60	1	39	0	724	154	570
6829+38	21	58	7	46	3	770	158	612
6829+42	4	58	8	9	1	779	159	620
6829+92	50	57	2	106	9	885	170	715
6830+00	8	56	2	17	1	902	171	731
6830+78	78	57	0	163	3	1065	175	890
6831+00	22	56	0	46	0	1111	175	936
6832+00	100	56	0	207	0	1318	175	1143
6833+00	100	58	0	211	0	1529	175	1354
6834+00	100	59	0	217	0	1746	175	1571
6835+00	100	56	0	213	0	1959	175	1784
6836+00	100	57	0	209	0	2168	175	1993
6837+00	100	56	0	209	0	2377	175	2202
6838+00	100	56	0	207	0	2584	175	2409
6839+00	100	55	0	206	0	2790	175	2615
6840+00	100	55	0	204	0	2994	175	2819
6841+00	100	55	0	204	0	3198	175	3023
6842+00	100	53	0	200	0	3398	175	3223
6843+00	100	53	0	196	0	3594	175	3419
6844+00	100	54	0	198	0	3792	175	3617
6844+93	93	57	0	191	0	3983	175	3808
6845+00	7	56	0	15	0	3998	175	3823
6845+22	22	57	0	46	0	4044	175	3869
6845+38	16	48	0	31	0	4075	175	3900
6845+70	32	54	0	60	0	4135	175	3960
6845+86	16	54	0	32	0	4167	175	3992
6845+95	9	54	0	18	0	4185	175	4010
6846+00	5	53	0	10	0	4195	175	4020
6846+01	1	51	0	2	0	4197	175	4022
6846+05	4	49	0	7	0	4204	175	4029
6846+65	60	55	0	116	0	4320	175	4145
6846+87	22	54	0	44	0	4364	175	4189
6847+00	13	53	0	26	0	4390	175	4215
6847+47	47	58	0	97	0	4487	175	4312
6847+91	44	60	0	96	0	4583	175	4408
6848+00	9	58	0	20	0	4603	175	4428
6848+05	5	65	0	11	0	4614	175	4439
6848+07	2	66	0	5	0	4619	175	4444
6848+19	12	66	0	29	0	4648	175	4473
				4648	140			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4 - USH 53 SB - STA 6853+13 TO STA 6862+50 - DIVISION 12

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6853+13	0	55	0	0	0	0	0	0
6854+00	87	57	0	180	0	180	0	180
6855+00	100	55	0	207	0	387	0	387
6855+09	9	54	0	18	0	405	0	405
6855+22	13	48	0	25	0	430	0	430
6855+55	33	55	0	63	0	493	0	493
6855+95	40	50	0	78	0	571	0	571
6856+00	5	59	0	10	0	581	0	581
6857+00	100	63	0	226	0	807	0	807
6857+44	44	65	0	104	0	911	0	911
6858+00	56	61	0	131	0	1042	0	1042
6858+04	4	61	0	9	0	1051	0	1051
6858+64	60	56	0	130	0	1181	0	1181
6859+00	36	57	0	75	0	1256	0	1256
6859+06	6	57	0	13	0	1269	0	1269
6860+00	94	54	0	193	0	1462	0	1462
6861+00	100	51	0	194	0	1656	0	1656
6862+00	100	48	0	183	0	1839	0	1839
6862+50	50	46	0	87	0	1926	0	1926
				1926	0			

STAGE 4 - OJIBWA RD - STA 282+88 TO STA 283+92 - DIVISION 12

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
282+88	0	1995	0	0	0	0	0	0
283+00	12	67	0	458	0	458	0	458
283+12	12	68	0	30	0	488	0	488
283+29	17	68	0	43	0	531	0	531
283+47	18	109	0	59	0	590	0	590
283+52	5	103	0	20	0	610	0	610
283+74	22	45	0	60	0	670	0	670
283+92	18	0	0	15	0	685	0	685
				685	0			

STAGE 4 - CRANBERRY RD - STA 222+46 TO STA 223+02 - DIVISION 12

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
222+46	0	54	0	0	0	0	0	0
222+67	21	67	0	47	0	47	0	47
222+80	13	85	0	37	0	84	0	84
222+92	12	125	1	47	0	131	0	131
223+00	8	149	0	41	0	172	0	172
223+02	2	66	0	8	0	180	0	180
				180	0			

STAGE 4 - CTH H - STA 301+51 TO STA 302+81 - DIVISION 12

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
301+51	0	58	0	0	0	0	0	0
302+00	49	55	0	103	0	103	0	103
302+21	21	57	4	44	2	147	3	144
302+32	11	51	8	22	2	169	6	163
302+62	30	91	24	79	18	248	29	219
302+72	10	121	11	39	6	287	37	250
302+76	4	79	1	15	1	302	38	264
302+81	5	0	0	7	0	309	38	271
				309	29			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4 - USH 53 SB/USH 63 EXIT - STA 6822+10 TO STA 6850+37 - DIVISION 13

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6822+10	0	77	59	0	0	0	0	0
6822+61	51	78	8	146	63	146	79	67
6823+00	39	76	2	111	7	257	88	169
6823+67	67	77	0	190	2	447	91	356
6824+00	33	76	0	94	0	541	91	450
6824+21	21	76	0	59	0	600	91	509
6825+00	79	70	0	214	0	814	91	723
6826+00	100	64	0	248	0	1062	91	971
6827+00	100	43	0	198	0	1260	91	1169
6828+00	100	34	0	143	0	1403	91	1312
6829+00	100	34	2	126	4	1529	96	1433
6830+00	100	32	2	122	7	1651	105	1546
6830+58	58	30	0	67	2	1718	108	1610
6831+00	42	33	0	49	0	1767	108	1659
6831+11	11	33	0	13	0	1780	108	1672
6831+64	53	33	0	65	0	1845	108	1737
6832+00	36	35	0	45	0	1890	108	1782
6832+18	18	36	0	24	0	1914	108	1806
6832+58	40	37	0	54	0	1968	108	1860
6833+00	42	36	0	57	0	2025	108	1917
6834+00	100	36	0	133	0	2158	108	2050
6835+00	100	36	0	133	0	2291	108	2183
6835+50	50	33	0	64	0	2355	108	2247
6836+00	50	38	0	66	0	2421	108	2313
6837+00	100	28	0	122	0	2543	108	2435
6838+00	100	28	0	104	0	2647	108	2539
6839+00	100	34	0	115	0	2762	108	2654
6839+80	80	35	0	102	0	2864	108	2756
6840+00	20	36	0	26	0	2890	108	2782
6841+00	100	33	0	128	0	3018	108	2910
6842+00	100	31	0	119	0	3137	108	3029
6843+00	100	33	0	119	0	3256	108	3148
6844+00	100	34	0	124	0	3380	108	3272
6845+00	100	38	0	133	0	3513	108	3405
6846+00	100	43	0	150	0	3663	108	3555
6846+85	85	50	0	146	0	3809	108	3701
6847+00	15	50	0	28	0	3837	108	3729
6847+38	38	50	0	70	0	3907	108	3799
6847+92	54	49	0	99	0	4006	108	3898
6848+00	8	49	0	15	0	4021	108	3913
6848+05	5	49	0	9	0	4030	108	3922
6848+45	40	44	0	69	0	4099	108	3991
6848+98	53	39	0	81	0	4180	108	4072
6849+00	2	39	0	3	0	4183	108	4075
6850+00	100	32	0	131	0	4314	108	4206
6850+37	37	31	0	43	0	4357	108	4249
				4357	85			

STAGE 4 - USH 53 SB - STA 6848+19 TO STA 6853+13 - DIVISION 13

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6848+19	0	66	0	0	0	0	0	0
6848+67	48	65	0	116	0	116	0	116
6849+00	33	60	0	76	0	192	0	192
6849+27	27	59	0	60	0	252	0	252
6850+00	73	48	0	145	0	397	0	397
6850+37	37	77	0	86	0	483	0	483
6851+00	63	70	0	172	0	655	0	655
6852+00	100	61	0	243	0	898	0	898
6852+25	25	59	0	56	0	954	0	954
6852+70	45	57	0	97	0	1051	0	1051
6853+00	30	55	0	62	0	1113	0	1113
6853+13	13	55	0	26	0	1139	0	1139
				1139	0			

STAGE 4A - STH 70 WB - STA 248+75 TO STA 251+50 - DIVISION 14

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
248+75	0	35	0	0	0	0	0	0
249+00	25	43	0	40	0	40	0	40
249+03	3	43	0	5	0	45	0	45
249+26	23	47	0	40	0	85	0	85
249+28	2	47	0	3	0	88	0	88
249+43	15	48	0	27	0	115	0	115
249+77	34	49	0	62	0	177	0	177
250+00	23	53	0	45	0	222	0	222
250+03	3	55	0	6	0	228	0	228
250+12	9	44	0	15	0	243	0	243
250+26	14	45	0	23	0	266	0	266
250+65	39	42	0	61	0	327	0	327
250+70	5	35	0	6	0	333	0	333
250+85	15	33	0	18	0	351	0	351
251+00	15	38	0	21	0	372	0	372
251+24	24	35	0	31	0	403	0	403
251+50	26	33	0	32	0	435	0	435
				435	0			

STAGE 4A - USH 53 SB/STH 70 EXIT - STA 6699+46 TO STA 6699+96 - DIVISION 14

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6699+46	0	77	0	0	0	0	0	0
6699+60	14	52	0	27	0	27	0	27
6699+74	14	46	0	25	0	52	0	52
6699+96	22	35	1	33	0	85	0	85
				85	0			

STAGE 4B - USH 53 SB - STA 6682+36 TO STA 6688+22 - DIVISION 15

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6682+36	0	63	0	0	0	0	0	0
6683+00	64	65	0	154	0	154	0	154
6683+06	6	65	0	14	0	168	0	168
6684+00	94	68	0	232	0	400	0	400
6685+00	100	73	0	261	0	661	0	661
6686+00	100	72	0	269	0	930	0	930
6686+32	32	72	0	85	0	1015	0	1015
6686+71	39	72	0	104	0	1119	0	1119
6687+00	29	46	0	63	0	1182	0	1182
6688+00	100	51	0	180	0	1362	0	1362
6688+22	22	53	0	42	0	1404	0	1404
				1404	0			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4B - USH 53 SB - STA 6708+39 TO STA 6712+53 - DIVISION 15

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6708+39	0	46	0	0	0	0	0	0
6708+86	47	50	0	87	0	87	0	87
6709+00	14	51	0	26	0	113	0	113
6709+51	51	49	0	94	0	207	0	207
6709+65	14	88	0	36	0	243	0	243
6710+00	35	87	0	113	0	356	0	356
6711+00	100	79	0	307	0	663	0	663
6711+97	97	69	0	266	0	929	0	929
6712+00	3	69	0	8	0	937	0	937
6712+53	53	69	0	135	0	1072	0	1072
				1072	0			

STAGE 4B - USH 53 SB/STH 70 ENTRANCE - STA 6686+71 TO STA 6700+43 - DIVISION 15

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6686+71	0	26	0	0	0	0	0	0
6687+00	29	28	0	30	0	30	0	30
6687+24	24	29	0	25	0	55	0	55
6687+77	53	32	0	60	0	115	0	115
6688+00	23	30	0	26	0	141	0	141
6688+20	20	28	0	21	0	162	0	162
6688+39	19	26	0	19	0	181	0	181
6689+00	61	23	0	55	0	236	0	236
6690+00	100	23	0	85	0	321	0	321
6690+02	2	23	0	2	0	323	0	323
6691+00	98	22	0	82	0	405	0	405
6691+08	8	23	0	7	0	412	0	412
6691+61	53	25	0	47	0	459	0	459
6692+00	39	28	0	38	0	497	0	497
6692+14	14	29	0	15	0	512	0	512
6692+68	54	29	0	58	0	570	0	570
6693+00	32	30	0	35	0	605	0	605
6693+21	21	30	0	23	0	628	0	628
6694+00	79	26	0	82	0	710	0	710
6694+01	1	26	0	1	0	711	0	711
6694+42	41	27	0	40	0	751	0	751
6694+83	41	28	0	42	0	793	0	793
6695+00	17	29	0	18	0	811	0	811
6695+25	25	31	0	28	0	839	0	839
6695+66	41	37	0	52	0	891	0	891
6696+00	34	34	0	45	0	936	0	936
6697+00	100	29	0	117	0	1053	0	1053
6698+00	100	30	0	109	0	1162	0	1162
6698+86	86	30	0	96	0	1258	0	1258
6699+00	14	28	3	15	1	1273	1	1272
6699+29	29	24	26	28	16	1301	21	1280
6699+69	40	23	18	35	33	1336	62	1274
6699+94	25	30	2	25	9	1361	73	1288
6700+00	6	42	1	8	0	1369	73	1296
6700+08	8	48	1	13	0	1382	73	1309
6700+22	14	54	0	26	0	1408	73	1335
6700+26	4	52	0	8	0	1416	73	1343
6700+34	8	32	2	12	0	1428	73	1355
6700+43	9	1	0	6	0	1434	73	1361
				1434	59			

STAGE 4B - USH 53 SB/STH 70 EXIT - STA 6699+96 TO STA 6709+65 - DIVISION 15

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6699+96	0	35	1	0	0	0	0	0
6700+00	4	36	0	5	0	5	0	5
6700+26	26	28	28	31	13	36	16	20
6700+46	20	26	60	20	33	56	57	-1
6701+00	54	33	26	59	86	115	165	-50
6701+25	25	33	20	31	21	146	191	-45
6701+45	20	34	0	25	7	171	200	-29
6702+00	55	34	0	69	0	240	200	40
6703+00	100	30	0	119	0	359	200	159
6704+00	100	35	0	120	0	479	200	279
6704+11	11	35	0	14	0	493	200	293
6704+64	53	37	0	71	0	564	200	364
6705+00	36	35	0	48	0	612	200	412
6705+18	18	33	0	23	0	635	200	435
6705+71	53	29	0	61	0	696	200	496
6706+00	29	29	0	31	0	727	200	527
6706+24	24	29	0	26	0	753	200	553
6707+00	76	30	0	83	0	836	200	636
6708+00	100	29	0	109	0	945	200	745
6708+54	54	28	0	57	0	1002	200	802
6709+00	46	30	0	49	0	1051	200	851
6709+08	8	30	0	9	0	1060	200	860
6709+52	44	30	0	49	0	1109	200	909
6709+61	9	31	0	10	0	1119	200	919
6709+65	4	31	0	5	0	1124	200	924
				1124	160			

STAGE 4B - STH 70 EB - STA 248+75 TO STA 251+50 - DIVISION 15

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
248+75	0	36	0	0	0	0	0	0
249+00	25	39	0	36	0	36	0	36
249+03	3	40	0	4	0	40	0	40
249+26	23	40	0	34	0	74	0	74
249+28	2	41	0	3	0	77	0	77
249+43	15	41	0	23	0	100	0	100
249+77	34	43	0	53	0	153	0	153
250+00	23	44	1	37	0	190	0	190
250+03	3	43	1	5	0	195	0	195
250+12	9	43	1	14	0	209	0	209
250+26	14	41	0	22	0	231	0	231
250+65	39	27	0	49	0	280	0	280
250+70	5	19	0	4	0	284	0	284
250+85	15	16	0	10	0	294	0	294
251+00	15	16	0	9	0	303	0	303
251+24	24	23	0	17	0	320	0	320
251+50	26	17	5	19	2	339	3	336
				339	2			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 4C - STH 70 WB - STA 252+40 TO STA 253+57 - DIVISION 16

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
252+40	0	6	0	0	0	0	0	0
252+49	9	8	0	3	0	3	0	3
252+65	16	77	0	25	0	28	0	28
252+87	22	95	0	70	0	98	0	98
252+90	3	86	0	10	0	108	0	108
253+00	10	65	0	28	0	136	0	136
253+12	12	7	0	16	0	152	0	152
253+23	11	3	0	2	0	154	0	154
253+37	14	2	0	1	0	155	0	155
253+51	14	3	0	1	0	156	0	156
253+57	6	3	0	1	0	157	0	157
				157	0			

STAGE 5A - USH 53 NB - STA 3556+00 TO STA 3582+12 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
3556+00	0	8	1	0	0	0	0	0
3557+00	100	10	1	33	4	33	5	28
3558+00	100	15	0	46	2	79	8	71
3559+00	100	21	1	67	2	146	11	135
3560+00	100	32	0	98	2	244	14	230
3561+00	100	37	0	128	0	372	14	358
3562+00	100	38	0	139	0	511	14	497
3563+00	100	38	0	141	0	652	14	638
3564+00	100	45	0	154	0	806	14	792
3565+00	100	49	0	174	0	980	14	966
3566+00	100	50	0	183	0	1163	14	1149
3567+00	100	52	0	189	0	1352	14	1338
3568+00	100	57	0	202	0	1554	14	1540
3569+00	100	63	0	222	0	1776	14	1762
3570+00	100	66	0	239	0	2015	14	2001
3571+00	100	59	0	231	0	2246	14	2232
3572+00	100	55	0	211	0	2457	14	2443
3573+00	100	60	0	213	0	2670	14	2656
3574+00	100	57	0	217	0	2887	14	2873
3575+00	100	57	0	211	0	3098	14	3084
3575+50	50	54	0	103	0	3201	14	3187
3576+00	50	47	0	94	0	3295	14	3281
3577+00	100	37	0	156	0	3451	14	3437
3577+84	84	38	0	117	0	3568	14	3554
3578+00	16	37	0	22	0	3590	14	3576
3578+44	44	38	0	61	0	3651	14	3637
3579+00	56	38	0	79	0	3730	14	3716
3579+04	4	37	0	6	0	3736	14	3722
3580+00	96	27	0	114	0	3850	14	3836
3581+00	100	17	0	81	0	3931	14	3917
3582+00	100	10	1	50	2	3981	17	3964
3582+12	12	9	3	4	1	3985	18	3967
				3985	13			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 5A - USH 53 SB - STA 6555+52 TO STA 6586+40 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6555+52	0	8	1	0	0	0	0	0
6556+00	48	10	2	16	3	16	4	12
6557+00	100	12	0	41	4	57	9	48
6558+00	100	17	0	54	0	111	9	102
6559+00	100	20	0	69	0	180	9	171
6560+00	100	38	0	107	0	287	9	278
6561+00	100	45	0	154	0	441	9	432
6562+00	100	44	0	165	0	606	9	597
6563+00	100	45	0	165	0	771	9	762
6564+00	100	50	0	176	0	947	9	938
6565+00	100	55	0	194	0	1141	9	1132
6566+00	100	59	0	211	0	1352	9	1343
6567+00	100	60	0	220	0	1572	9	1563
6568+00	100	62	0	226	0	1798	9	1789
6569+00	100	63	0	231	0	2029	9	2020
6570+00	100	64	0	235	0	2264	9	2255
6571+00	100	65	0	239	0	2503	9	2494
6572+00	100	64	0	239	0	2742	9	2733
6573+00	100	64	0	237	0	2979	9	2970
6574+00	100	59	0	228	0	3207	9	3198
6575+00	100	41	0	185	0	3392	9	3383
6575+54	54	38	0	79	0	3471	9	3462
6576+00	46	36	0	63	0	3534	9	3525
6577+00	100	33	0	128	0	3662	9	3653
6577+36	36	32	0	43	0	3705	9	3696
6577+96	60	32	0	71	0	3776	9	3767
6578+00	4	32	0	5	0	3781	9	3772
6578+56	56	34	0	68	0	3849	9	3840
6579+00	44	32	0	54	0	3903	9	3894
6580+00	100	30	0	115	0	4018	9	4009
6581+00	100	25	0	102	0	4120	9	4111
6581+67	67	20	1	56	1	4176	10	4166
6582+00	33	17	0	23	1	4199	11	4188
6583+00	100	10	0	50	0	4249	11	4238
6584+00	100	10	0	37	0	4286	11	4275
6585+00	100	10	0	37	0	4323	11	4312
6586+00	100	9	0	35	0	4358	11	4347
6586+40	40	8	0	13	0	4371	11	4360
				4371	9			

STAGE 5A - USH 53 SB - STA 6695+00 TO STA 6700+97 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6695+00	0	13	9	0	0	0	0	0
6696+00	100	10	19	43	52	43	65	-22
6696+39	39	9	19	14	27	57	99	-42
6697+00	61	9	21	20	45	77	155	-78
6697+03	3	9	21	1	2	78	158	-80
6697+15	12	8	20	4	9	82	169	-87
6697+50	35	7	21	10	27	92	203	-111
6697+65	15	6	12	4	9	96	214	-118
6697+96	31	5	14	6	15	102	233	-131
6698+00	4	5	14	1	2	103	236	-133
6698+27	27	3	14	4	14	107	254	-147
6698+77	50	3	27	6	38	113	302	-189
6698+89	12	3	28	1	12	114	317	-203
6699+00	11	3	29	1	12	115	332	-217
6699+53	53	4	31	7	59	122	406	-284
6700+00	47	4	23	7	47	129	465	-336
6700+97	97	5	5	16	50	145	528	-383
				145	420			

STAGE 5A - USH 53 SB - STA 6718+99 TO STA 6721+42 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6718+99	0	16	3	0	0	0	0	0
6719+00	1	16	3	1	0	1	0	1
6719+62	62	18	0	39	3	40	4	36
6719+75	13	18	0	9	0	49	4	45
6720+00	25	19	0	17	0	66	4	62
6720+43	43	18	0	29	0	95	4	91
6720+49	6	16	0	4	0	99	4	95
6720+73	24	13	1	13	0	112	4	108
6720+76	3	12	1	1	0	113	4	109
6721+00	24	12	3	11	2	124	7	117
6721+04	4	8	4	1	1	125	8	117
6721+09	5	7	4	1	1	126	9	117
6721+10	1	6	4	0	0	126	9	117
6721+15	5	3	8	1	1	127	10	117
6721+23	8	3	8	1	2	128	13	115
6721+29	6	3	9	1	2	129	16	113
6721+31	2	3	9	0	1	129	17	112
6721+42	11	3	9	1	4	130	22	108
				130	17			

STAGE 5A - USH 53 SB - STA 6722+42 TO STA 6725+46 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6722+42	0	3	0	0	0	0	0	0
6722+53	11	11	5	3	1	3	1	2
6722+74	21	4	43	6	19	9	25	-16
6723+00	26	4	37	4	39	13	74	-61
6723+02	2	4	36	0	3	13	78	-65
6723+66	64	5	32	11	81	24	179	-155
6723+88	22	4	33	4	26	28	212	-184
6724+00	12	6	32	2	14	30	230	-200
6724+18	18	8	32	5	21	35	256	-221
6724+25	7	8	32	2	8	37	266	-229
6724+26	1	8	32	0	1	37	267	-230
6724+38	12	8	31	4	14	41	285	-244
6724+52	14	8	31	4	16	45	305	-260
6724+77	25	7	31	7	29	52	341	-289
6724+86	9	6	31	2	10	54	354	-300
6725+00	14	4	32	3	16	57	374	-317
6725+01	1	4	32	0	1	57	375	-318
6725+17	16	4	26	2	17	59	396	-337
6725+46	29	3	9	4	19	63	420	-357
				63	335			

STAGE 5A - USH 53 SB - STA 6794+67 TO STA 6803+00 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6794+67	0	13	0	0	0	0	0	0
6794+79	12	24	0	8	0	8	0	8
6794+81	2	29	0	2	0	10	0	10
6794+89	8	40	0	10	0	20	0	20
6795+00	11	38	0	16	0	36	0	36
6795+07	7	37	0	10	0	46	0	46
6795+41	34	35	0	45	0	91	0	91
6796+00	59	30	0	71	0	162	0	162
6797+00	100	33	0	117	0	279	0	279
6798+00	100	37	0	130	0	409	0	409
6798+24	24	33	2	31	1	440	1	439
6798+82	58	20	6	57	9	497	12	485
6798+99	17	18	3	12	3	509	16	493
6799+00	1	17	3	1	0	510	16	494
6799+49	49	5	0	20	3	530	20	510
6800+00	51	7	0	11	0	541	20	521
6800+09	9	7	0	2	0	543	20	523
6800+20	11	7	0	3	0	546	20	526
6800+32	12	7	0	3	0	549	20	529
6800+92	60	6	0	14	0	563	20	543
6801+00	8	6	0	2	0	565	20	545
6802+00	100	3	0	17	0	582	20	562
6803+00	100	1	0	7	0	589	20	569
				589	16			

STAGE 5A - USH 53 SB - STA 6818+75 TO STA 6822+46 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6818+75	0	15	3	0	0	0	0	0
6819+00	25	15	4	14	3	14	4	10
6819+93	93	14	18	50	38	64	52	12
6820+00	7	14	20	4	5	68	58	10
6820+57	57	10	26	25	49	93	119	-26
6820+69	12	10	28	4	12	97	134	-37
6820+99	30	9	29	11	32	108	174	-66
6821+00	1	9	29	0	1	108	175	-67
6821+29	29	9	26	10	30	118	213	-95
6821+38	9	9	25	3	9	121	224	-103
6821+59	21	9	26	7	20	128	249	-121
6821+65	6	9	27	2	6	130	257	-127
6821+86	21	6	28	6	21	136	283	-147
6821+89	3	6	27	1	3	137	287	-150
6821+98	9	5	23	2	8	139	297	-158
6821+99	1	4	23	0	1	139	298	-159
6822+00	1	4	23	0	1	139	299	-160
6822+04	4	4	22	1	3	140	303	-163
6822+06	2	4	20	0	2	140	306	-166
6822+46	40	0	0	3	15	143	325	-182
				143	259			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 5A - MEDIAN - STA 6596+89 TO STA 6598+32 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6596+89	0	17	0	0	0	0	0	0
6597+00	11	17	0	7	0	7	0	7
6597+04	4	16	0	2	0	9	0	9
6597+44	40	60	0	56	0	65	0	65
6597+51	7	50	0	14	0	79	0	79
6597+84	33	55	0	64	0	143	0	143
6598+00	16	27	1	24	0	167	0	167
6598+03	3	23	2	3	0	170	0	170
6598+32	29	8	0	17	1	187	1	186
				187	1			

STAGE 5A - MEDIAN - STA 10+01 TO STA 11+75 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
10+01	0	0	0	0	0	0	0	0
10+19	18	55	0	18	0	18	0	18
10+32	13	106	0	39	0	57	0	57
10+47	15	74	0	50	0	107	0	107
10+51	4	63	0	10	0	117	0	117
11+00	49	60	0	112	0	229	0	229
11+22	22	59	0	48	0	277	0	277
11+29	7	52	0	14	0	291	0	291
11+47	18	73	0	42	0	333	0	333
11+57	10	35	0	20	0	353	0	353
11+75	18	0	0	12	0	365	0	365
				365	0			

STAGE 5A - MEDIAN - STA 6614+99 TO STA 6616+24 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6614+99	0	7	0	0	0	0	0	0
6615+00	1	7	0	0	0	0	0	0
6615+46	46	54	0	52	0	52	0	52
6615+52	6	49	0	11	0	63	0	63
6615+78	26	47	0	46	0	109	0	109
6616+00	22	17	1	26	0	135	0	135
6616+24	24	5	0	10	0	145	0	145
				145	0			

STAGE 5A - MEDIAN - STA 6737+97 TO STA 6739+83 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6737+97	0	14	0	0	0	0	0	0
6738+00	3	14	0	2	0	2	0	2
6738+26	26	28	0	20	0	22	0	22
6738+60	34	44	0	45	0	67	0	67
6738+66	6	52	0	11	0	78	0	78
6738+95	29	60	0	60	0	138	0	138
6739+00	5	60	0	11	0	149	0	149
6739+09	9	61	0	20	0	169	0	169
6739+69	60	12	0	81	0	250	0	250
6739+83	14	12	0	6	0	256	0	256
				256	0			

NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

STAGE 5A - MEDIAN - STA 6779+96 TO STA 6781+45 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6779+96	0	10	0	0	0	0	0	0
6780+00	4	10	0	1	0	1	0	1
6780+04	4	24	0	3	0	4	0	4
6780+41	37	43	0	46	0	50	0	50
6780+48	7	56	0	13	0	63	0	63
6780+70	22	49	0	43	0	106	0	106
6780+88	18	49	0	33	0	139	0	139
6780+95	7	39	0	11	0	150	0	150
6781+00	5	34	0	7	0	157	0	157
6781+35	35	28	0	40	0	197	0	197
6781+45	10	16	0	8	0	205	0	205
				205	0			

STAGE 5A - MEDIAN - STA 6793+38 TO STA 6795+07 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6793+38	0	15	0	0	0	0	0	0
6793+50	12	36	0	11	0	11	0	11
6793+73	23	60	0	41	0	52	0	52
6793+76	3	60	0	7	0	59	0	59
6794+00	24	61	0	54	0	113	0	113
6794+12	12	61	0	27	0	140	0	140
6794+21	9	60	0	20	0	160	0	160
6794+43	22	57	0	48	0	208	0	208
6794+45	2	51	0	4	0	212	0	212
6794+67	22	31	0	33	0	245	0	245
6794+79	12	27	0	13	0	258	0	258
6794+81	2	25	0	2	0	260	0	260
6794+89	8	23	0	7	0	267	0	267
6795+00	11	21	0	9	0	276	0	276
6795+07	7	20	0	5	0	281	0	281
				281	0			

STAGE 5A - MEDIAN - STA 6845+38 TO STA 6846+05 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6845+38	0	9	4	0	0	0	0	0
6845+70	32	37	0	27	2	27	3	24
6845+86	16	39	0	23	0	50	3	47
6845+95	9	40	0	13	0	63	3	60
6846+00	5	39	0	7	0	70	3	67
6846+01	1	41	0	1	0	71	3	68
6846+05	4	41	0	6	0	77	3	74
				77	2			

STAGE 5A - MEDIAN - STA 6855+22 TO STA 6855+95 - DIVISION 17

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
6855+22	0	30	0	0	0	0	0	0
6855+55	33	60	0	55	0	55	0	55
6855+95	40	36	0	71	0	126	0	126
				126	0			

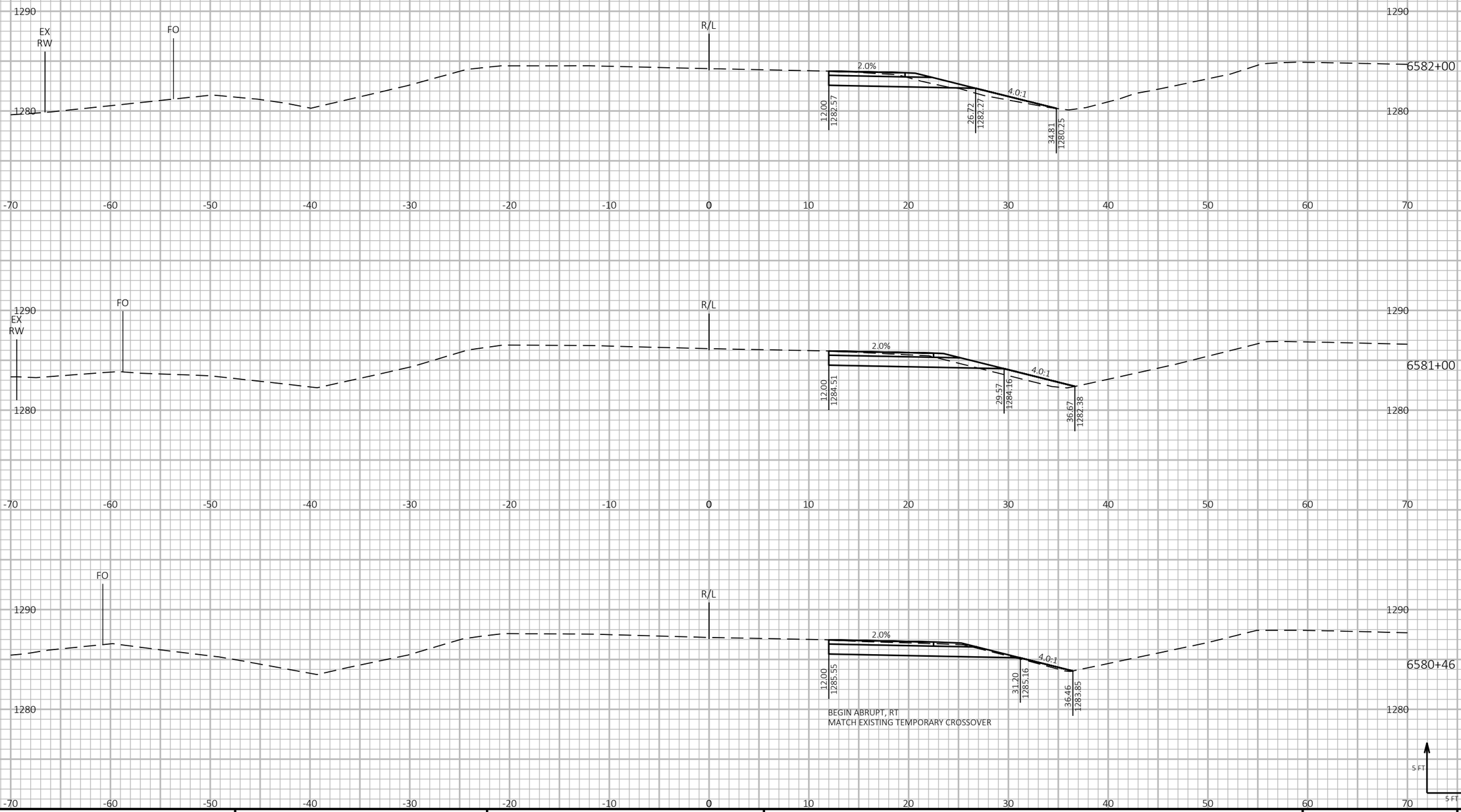
NOTES:

1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET. EBS SHOWN ON CROSS SECTIONS IS IN CUT.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); PLUS INDICATES AN EXCESS OF MATERIAL (BORROW)

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 SB - STAGE 1 -TEMPORARY CROSSOVER - SOUTH PROJECT LIMIT	SHEET 555	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090201-XS-S1.DWG
LAYOUT NAME - 01

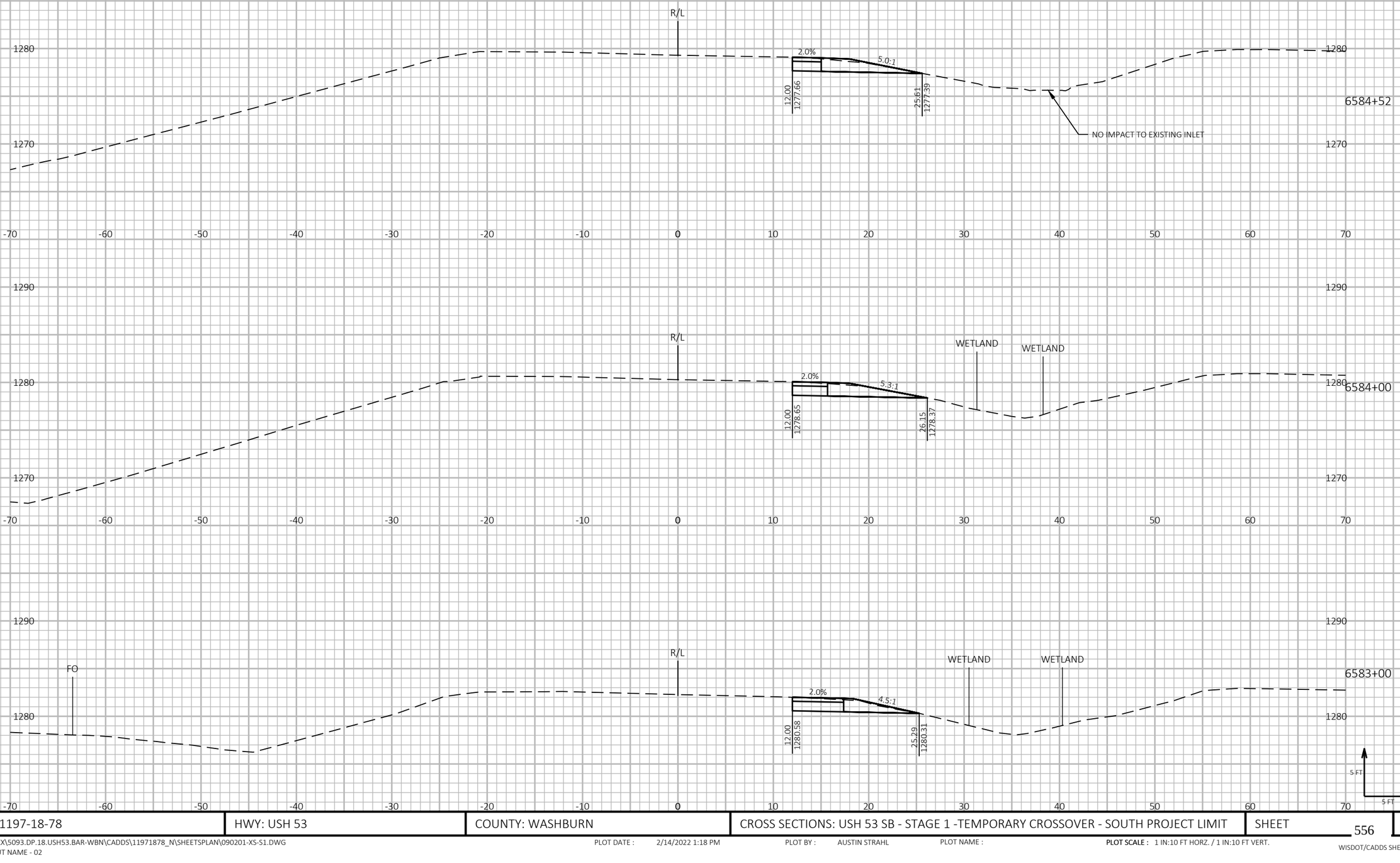
PLOT DATE : 2/14/2022 1:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 SB - STAGE 1 -TEMPORARY CROSSOVER - SOUTH PROJECT LIMIT	SHEET 556	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090201-XS-S1.DWG
LAYOUT NAME - 02

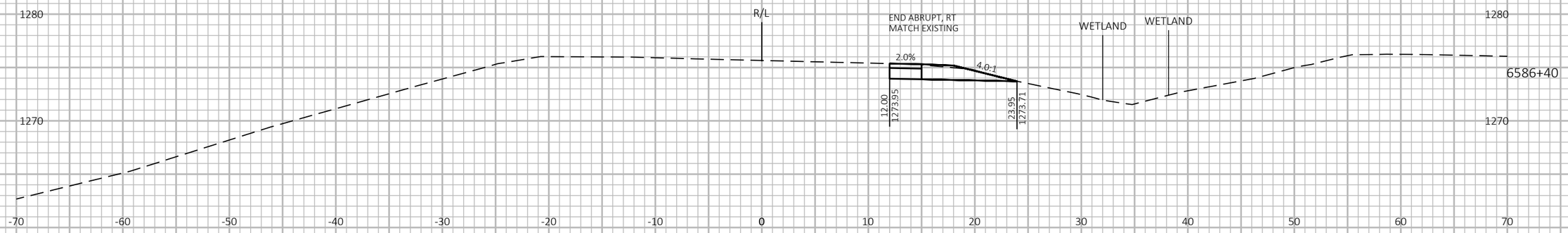
PLOT DATE : 2/14/2022 1:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

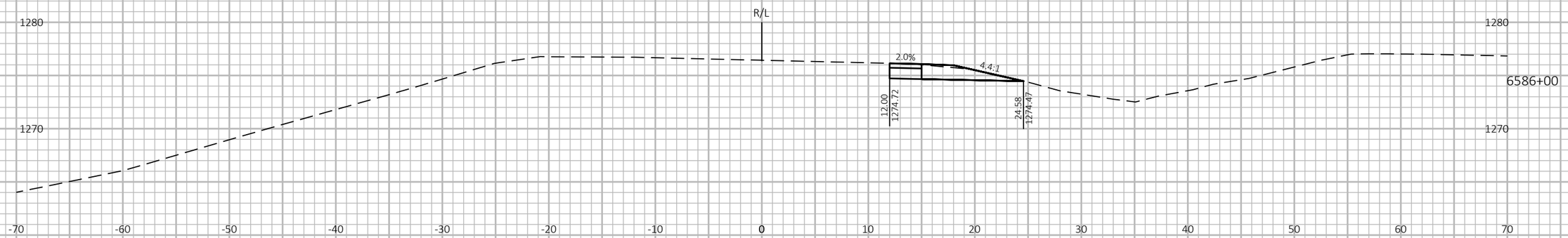
WISDOT/CADDS SHEET 49

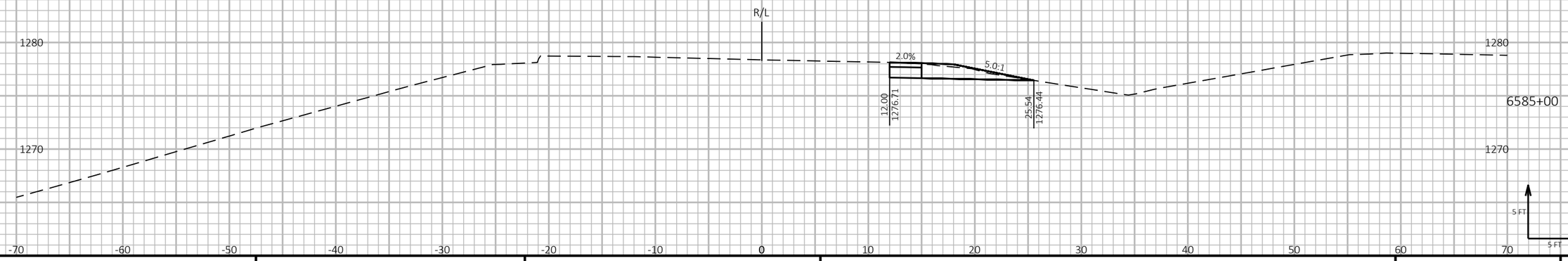
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 SB - STAGE 1 -TEMPORARY CROSSOVER - SOUTH PROJECT LIMIT	SHEET 557	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090201-XS-S1.DWG
LAYOUT NAME - 03

PLOT DATE : 2/14/2022 1:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

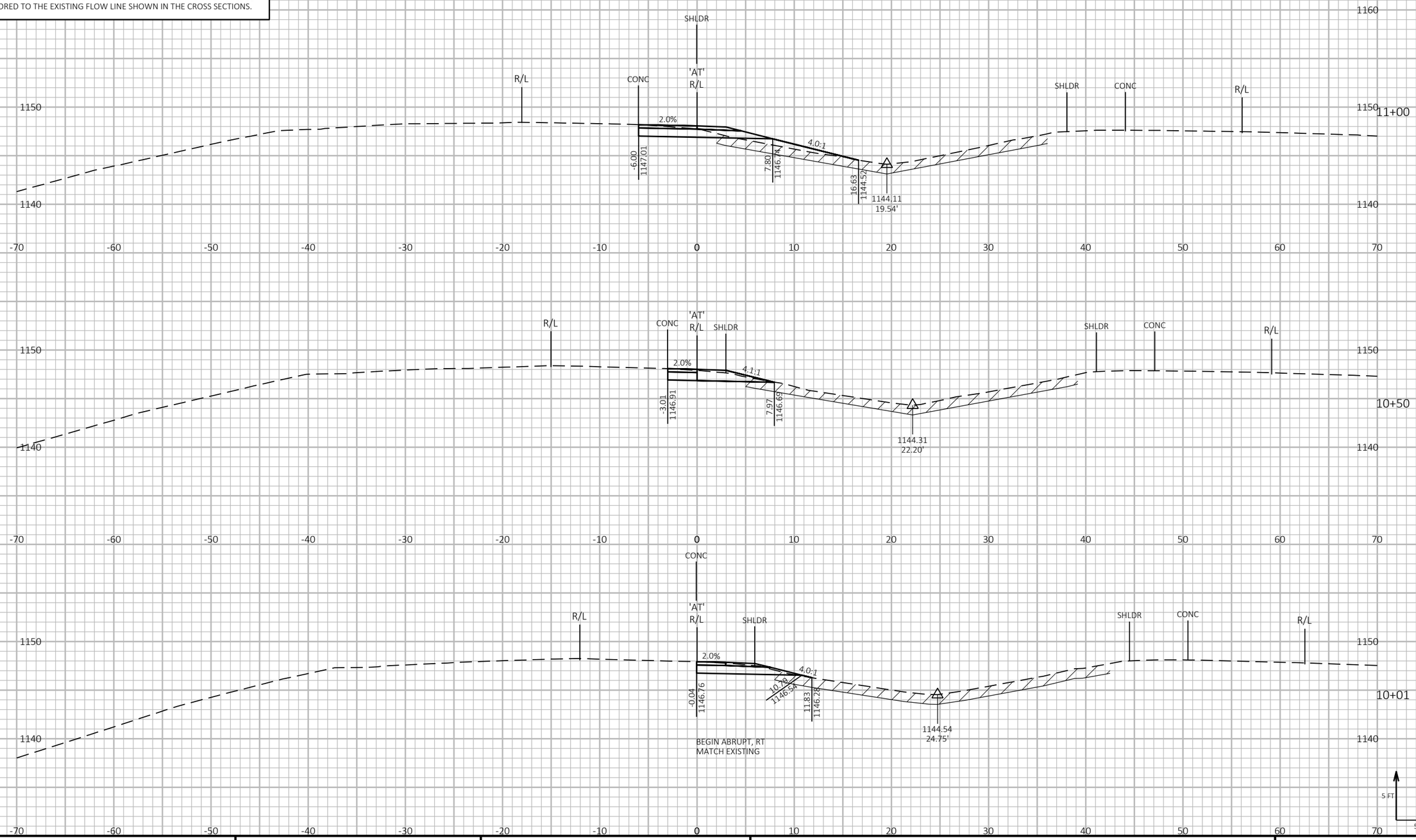
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (FULL WIDTH) FROM STA 10+00 TO STA 29+41 AND BACKFILL WITH BORROW MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVERS

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 558	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 01

PLOT DATE : 10/31/2022 1:02 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

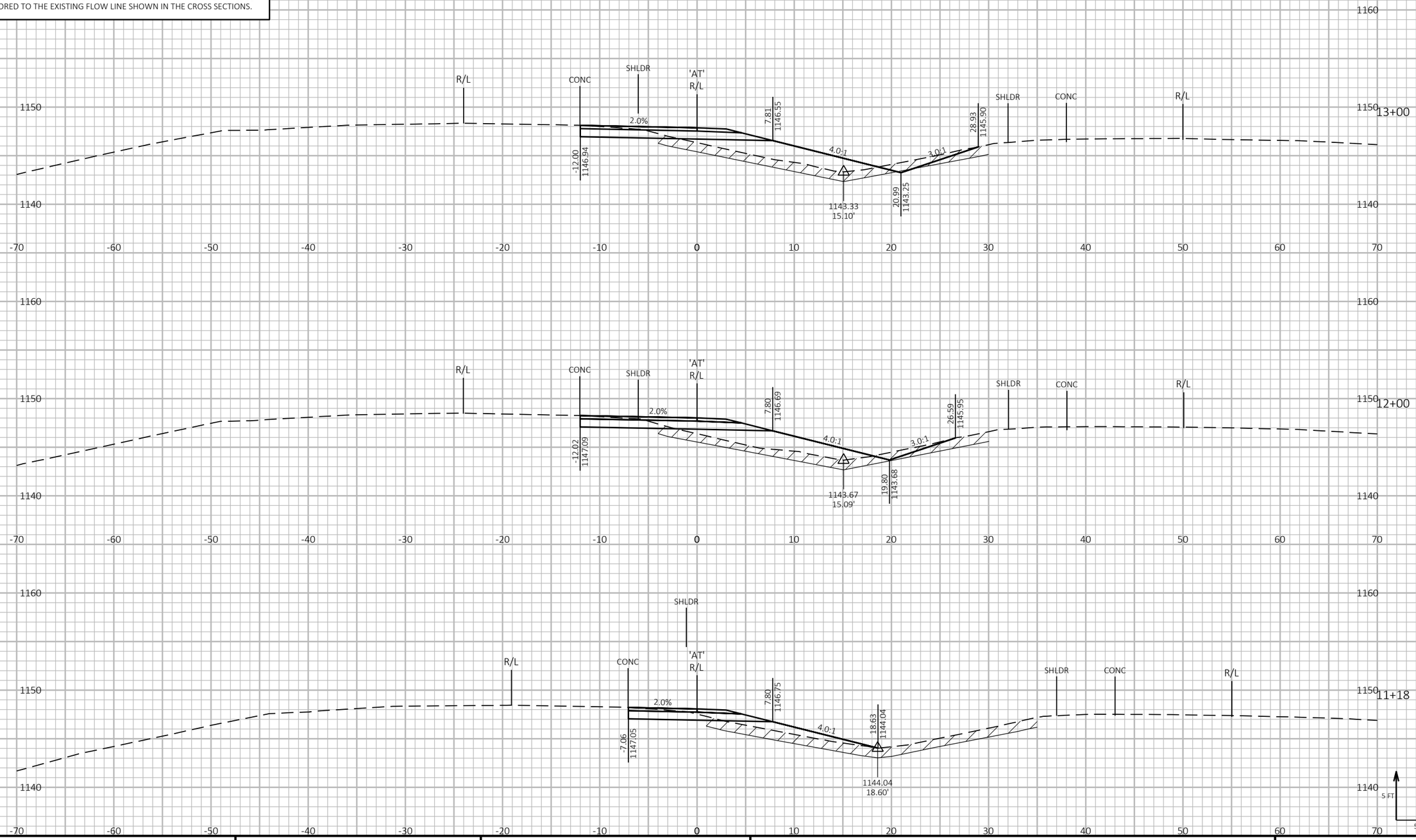
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (FULL WIDTH) FROM STA 10+00 TO STA 29+41 AND BACKFILL WITH BORROW MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVERS

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 559	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 02

PLOT DATE : 10/31/2022 1:02 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

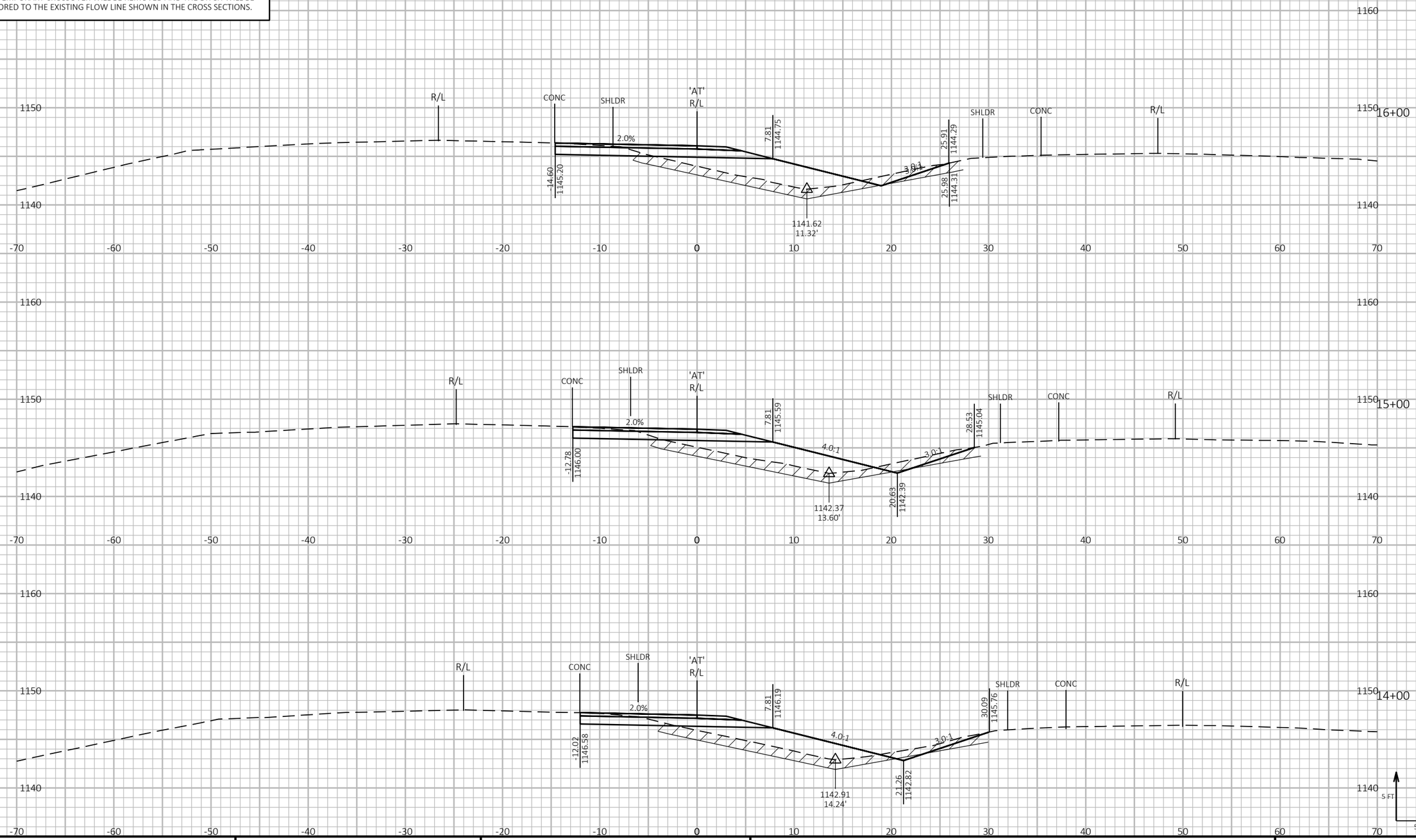
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (FULL WIDTH) FROM STA 10+00 TO STA 29+41 AND BACKFILL WITH BORROW MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVERS

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 560	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 03

PLOT DATE : 10/31/2022 1:02 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

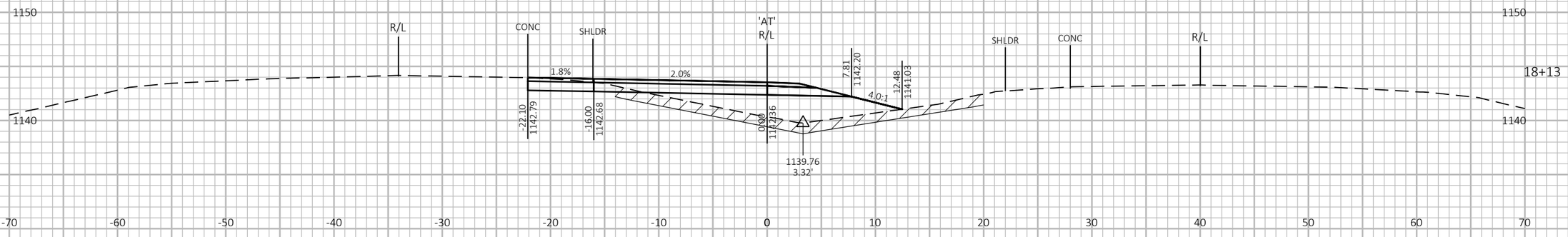
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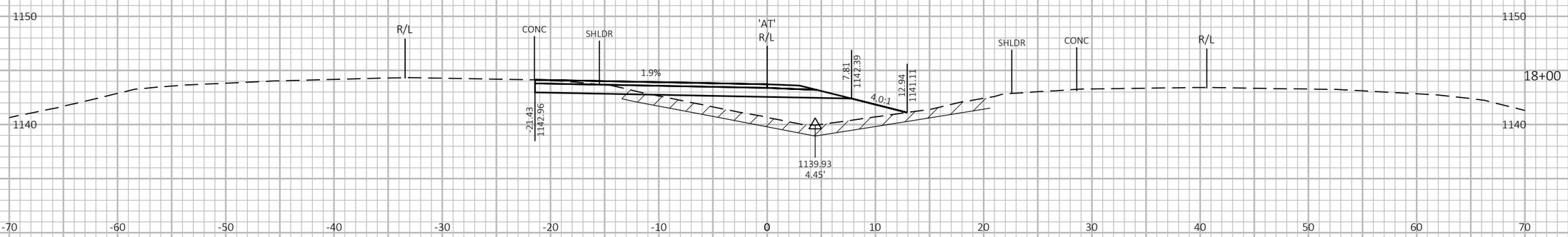
EXISTING GROUND

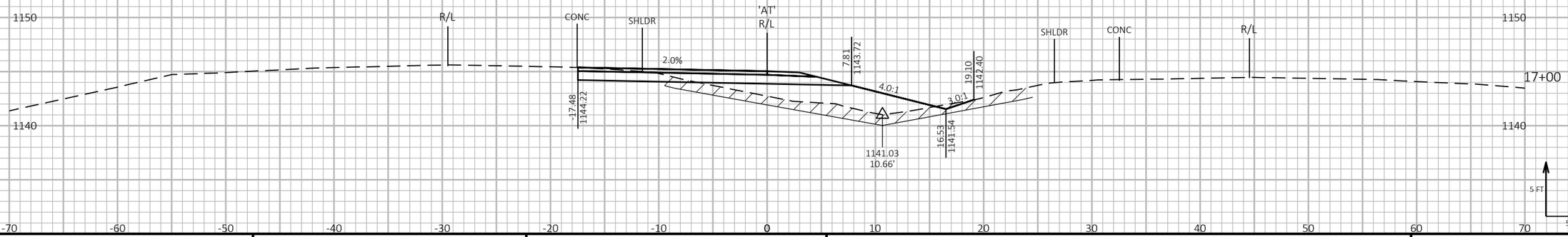
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (FULL WIDTH) FROM STA 10+00 TO STA 29+41 AND BACKFILL WITH BORROW MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVERS

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 561	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 04

PLOT DATE : 10/31/2022 1:02 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

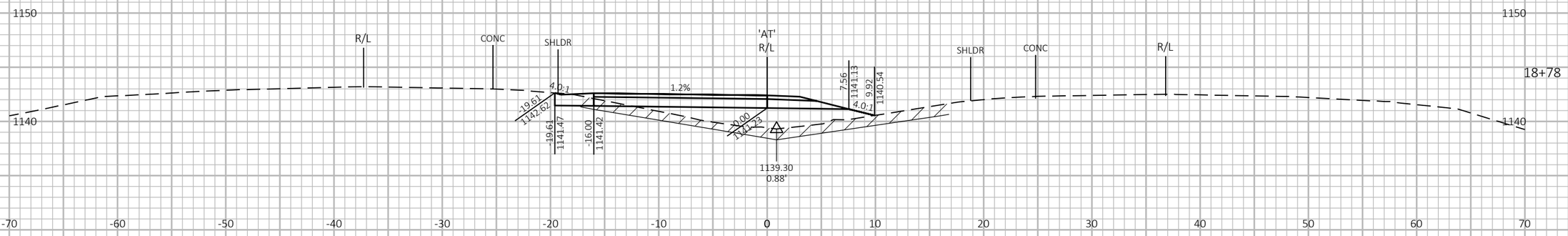
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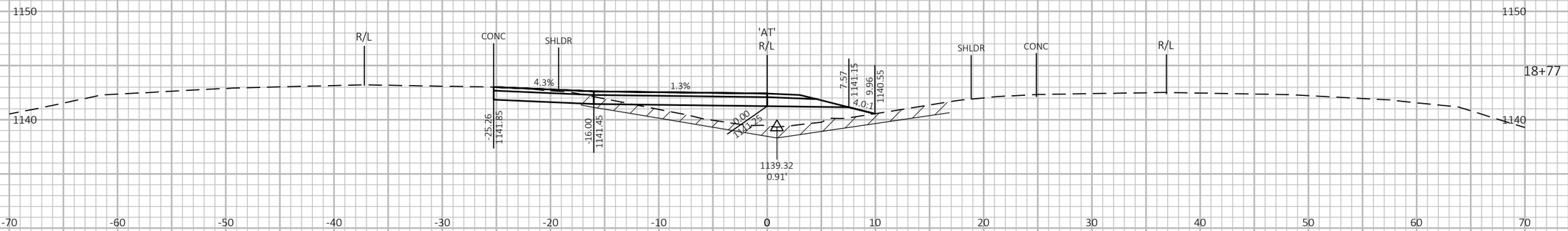
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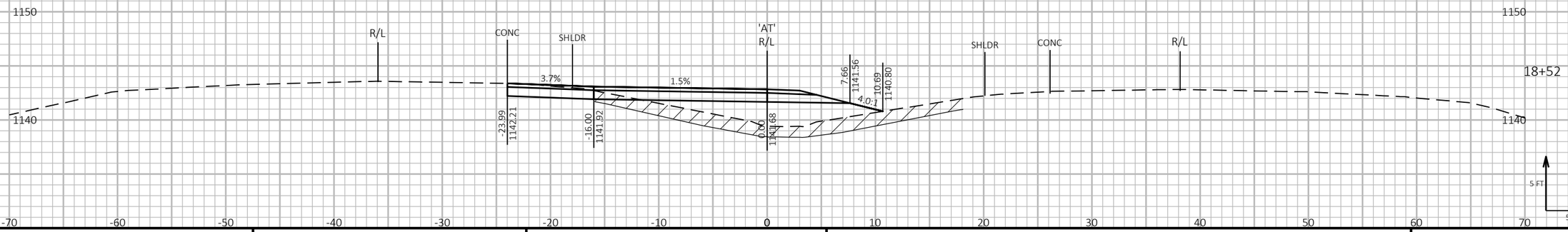
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (FULL WIDTH) FROM STA 10+00 TO STA 29+41 AND BACKFILL WITH BORROW MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVERS

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 562	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 05

PLOT DATE : 10/31/2022 1:02 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

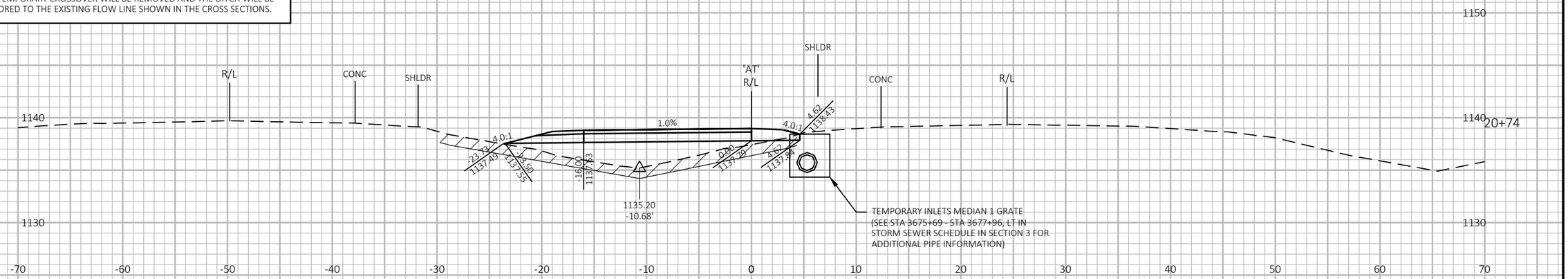
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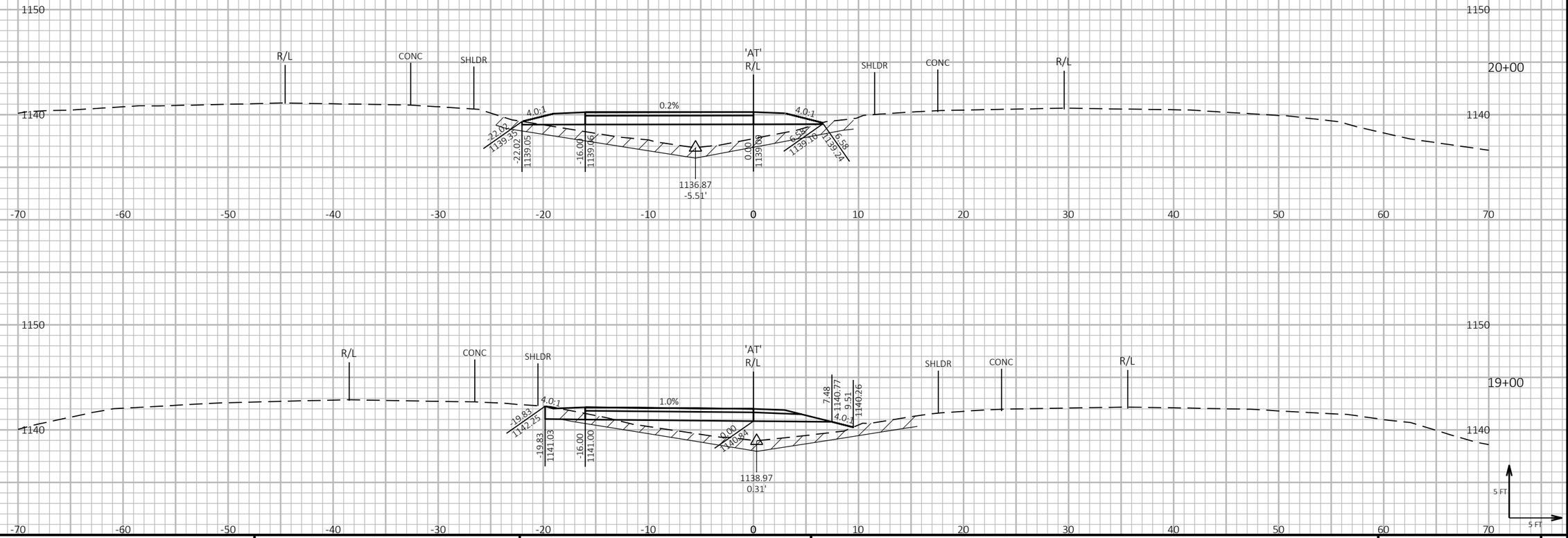
EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (FULL WIDTH) FROM STA 10+00 TO STA 29+41 AND BACKFILL WITH BORROW MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVERS

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 563	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 06

PLOT DATE : 10/31/2022 1:02 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

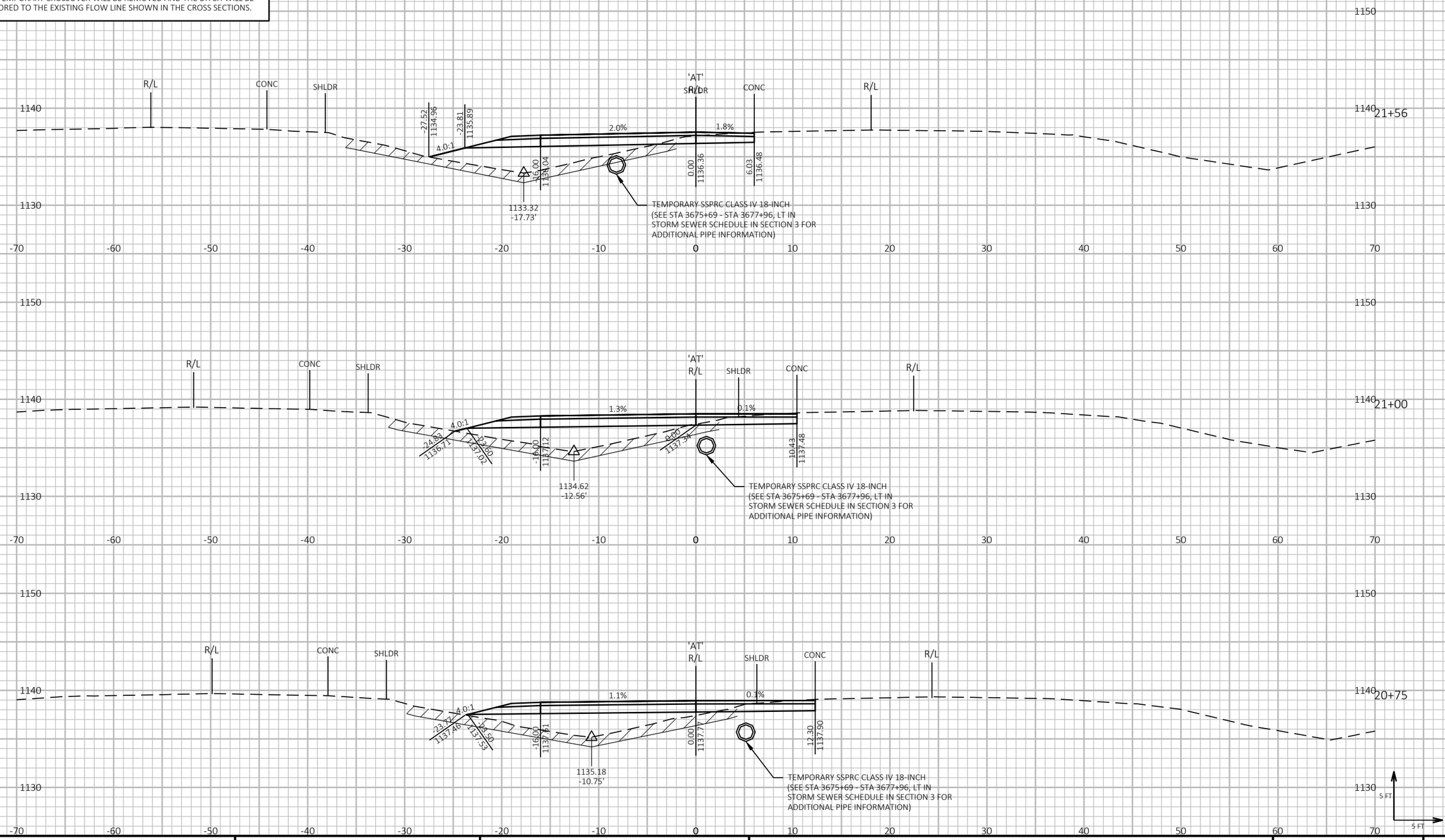
EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (FULL WIDTH) FROM STA 10+00 TO STA 29+41 AND BACKFILL WITH BORROW MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVERS

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE
THE STAGE 1 CONSTRUCTION WILL MATCH EXISTING USH 53 NB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 2, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 2 TO MATCH PROPOSED USH 53 NB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 NB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 564	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 07

PLOT DATE : 10/31/2022 1:02 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

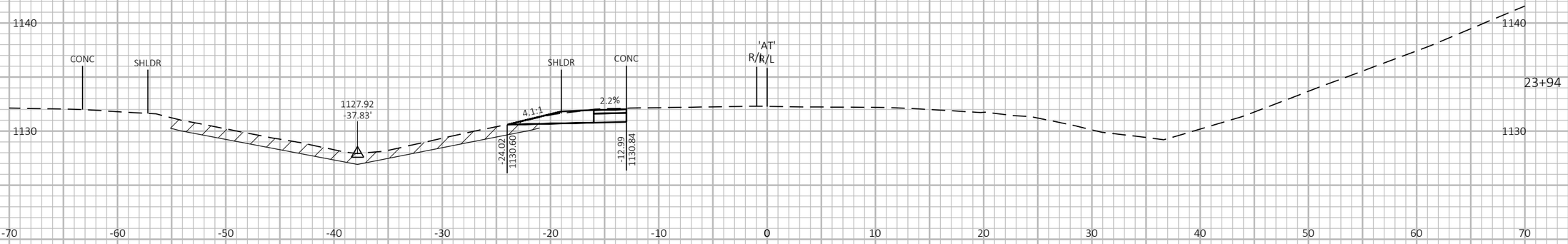
EXISTING GROUND

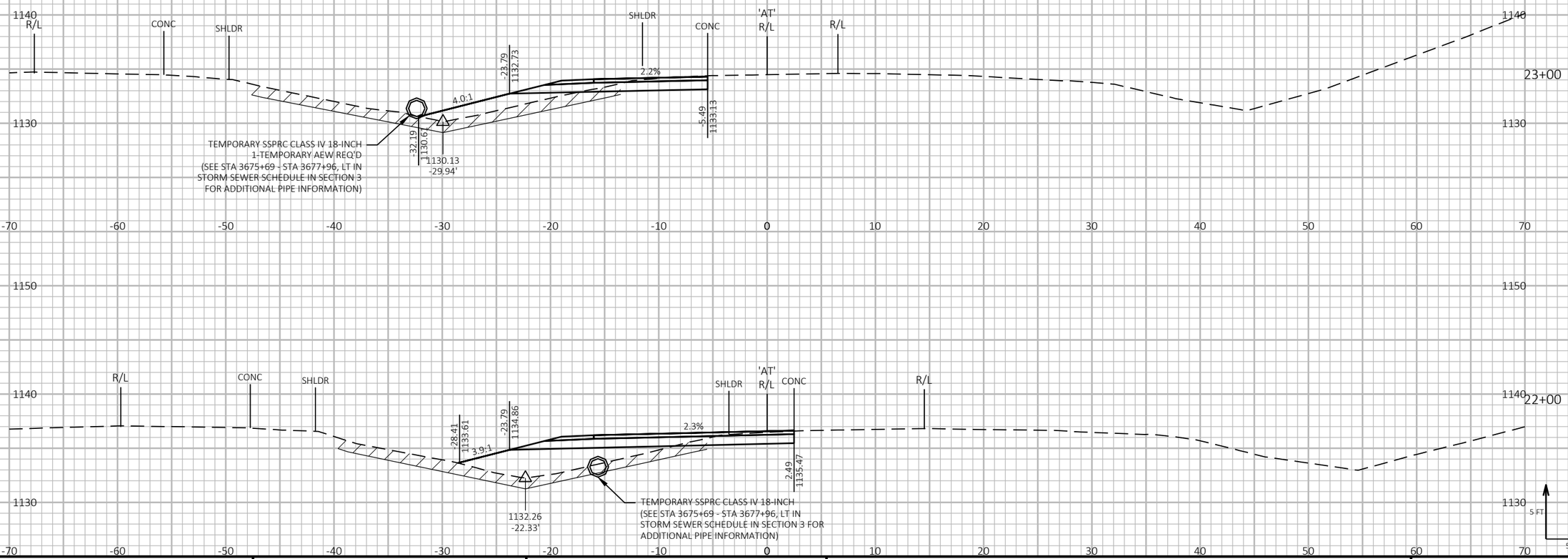
STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (FULL WIDTH) FROM STA 10+00 TO STA 29+41 AND BACKFILL WITH BORROW MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVERS

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE
THE STAGE 1 CONSTRUCTION WILL MATCH EXISTING USH 53 NB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 2, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 2 TO MATCH PROPOSED USH 53 NB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 NB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.





9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 565	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 08

PLOT DATE : 10/31/2022 1:03 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

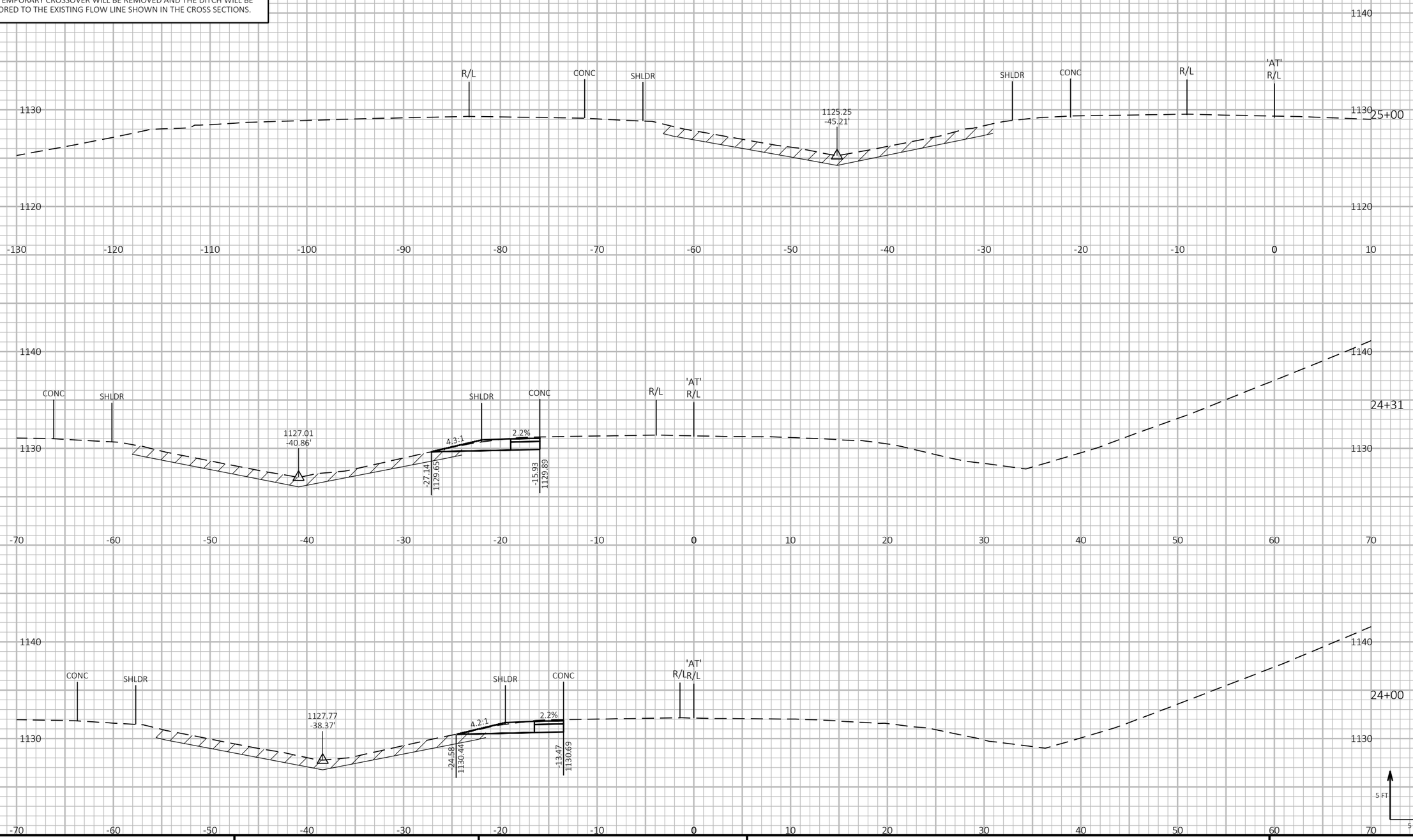
EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (FULL WIDTH) FROM STA 10+00 TO STA 29+41 AND BACKFILL WITH BORROW MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVERS

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE
THE STAGE 1 CONSTRUCTION WILL MATCH EXISTING USH 53 NB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 2, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 2 TO MATCH PROPOSED USH 53 NB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 NB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 566	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 09

PLOT DATE : 10/31/2022 1:03 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

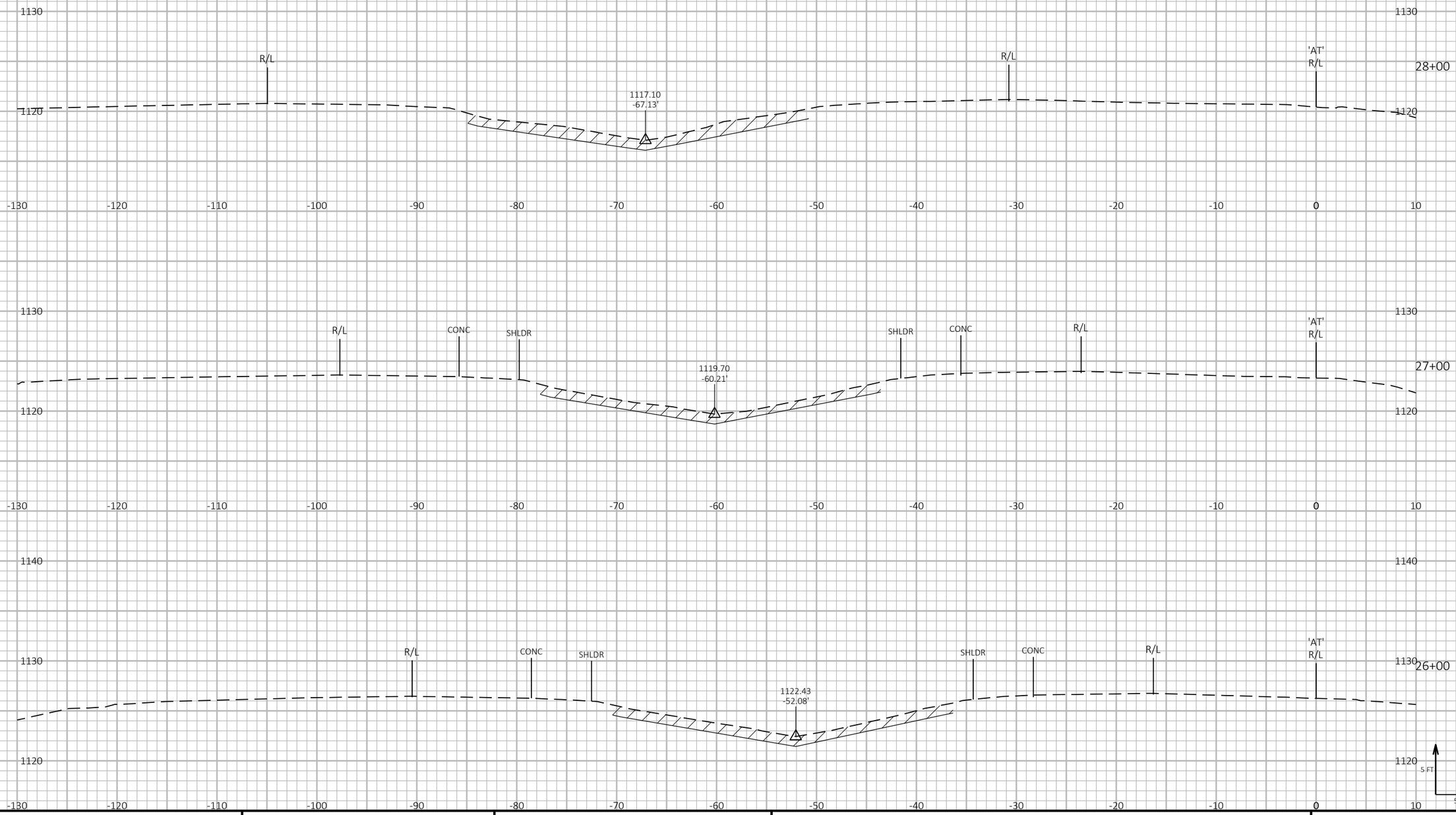
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (FULL WIDTH) FROM STA 10+00 TO STA 29+41 AND BACKFILL WITH BORROW MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVERS

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 567	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 10

PLOT DATE : 10/31/2022 1:03 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

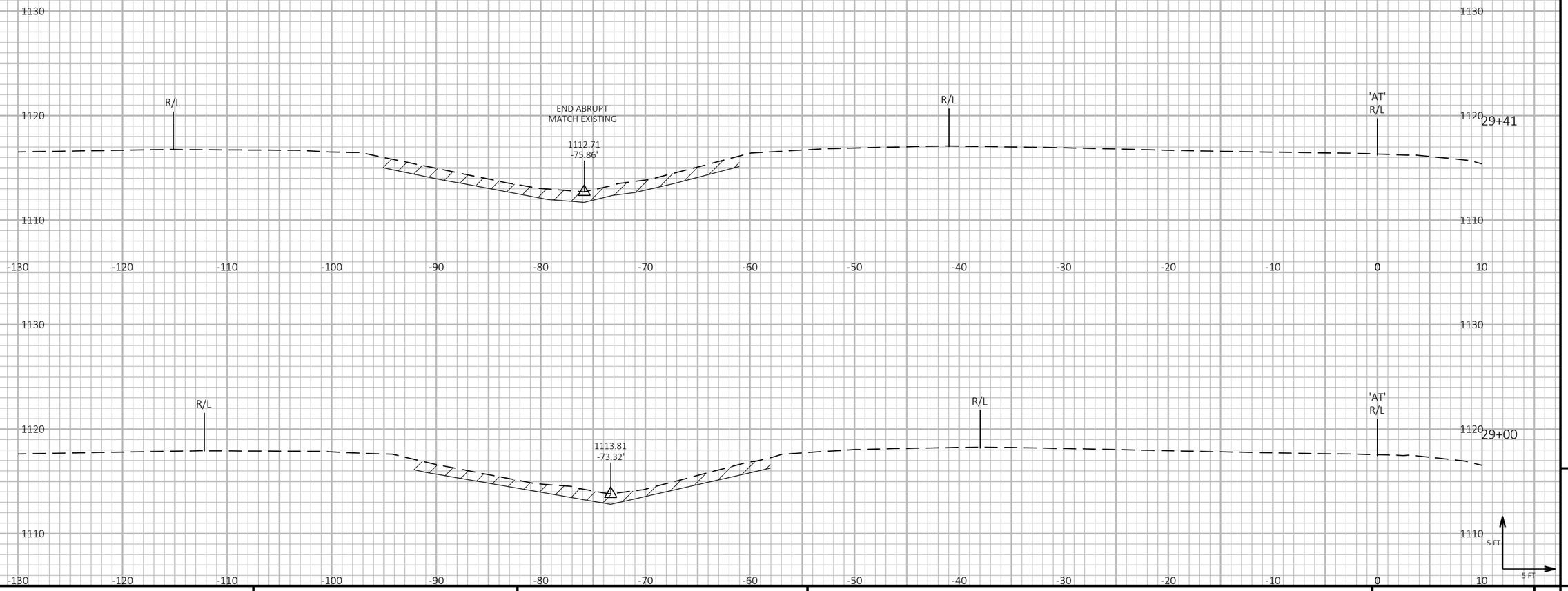
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

EXCAVATE 12 INCHES OF EXISTING MATERIAL IN THE MEDIAN (FULL WIDTH) FROM STA 10+00 TO STA 29+41 AND BACKFILL WITH BORROW MATERIAL PRIOR TO BUILDING THE TEMPORARY CROSSOVERS

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 568	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090202-XS-S1.DWG
LAYOUT NAME - 11

PLOT DATE : 10/31/2022 1:03 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

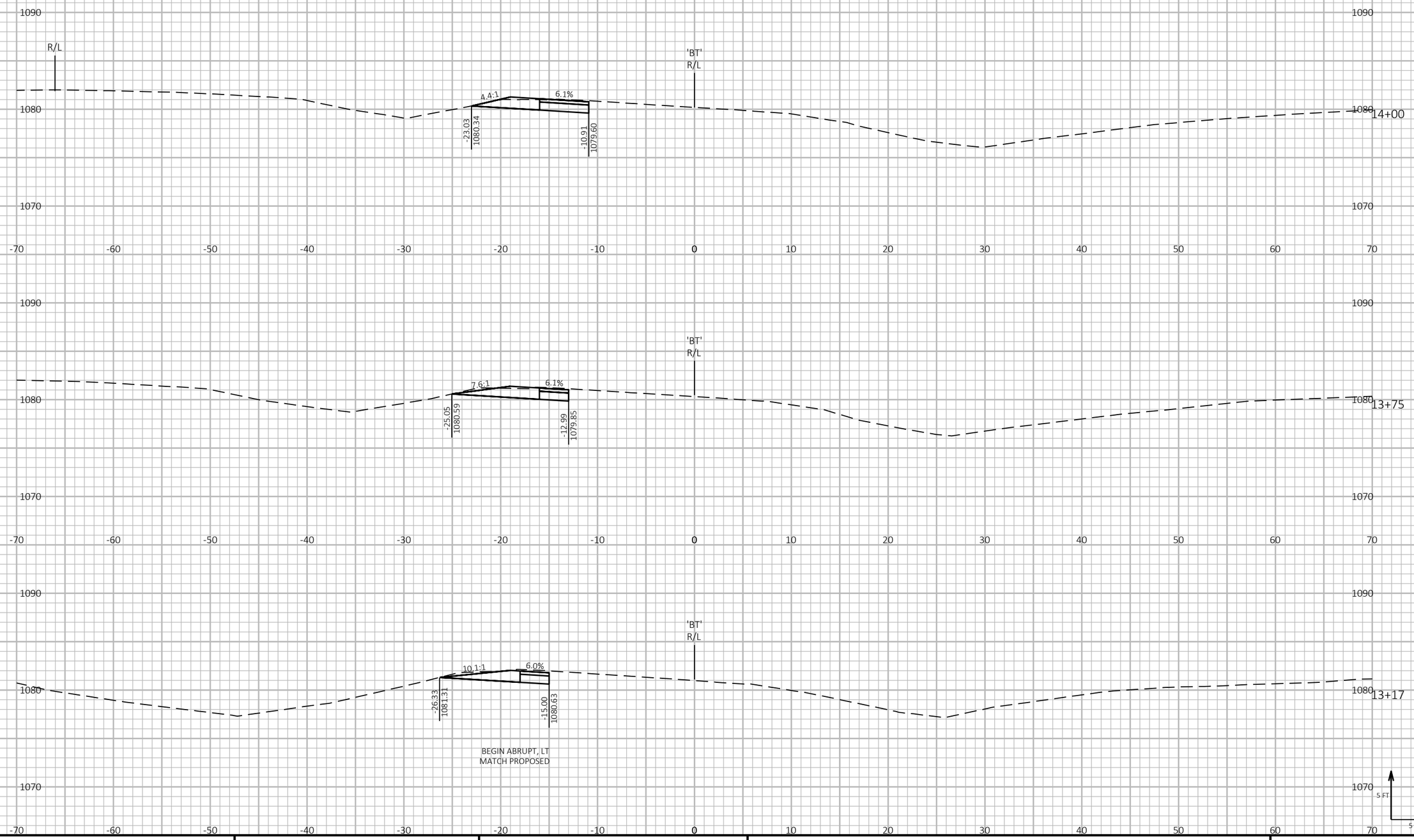
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE

THE STAGE 1 CONSTRUCTION WILL MATCH EXISTING USH 53 NB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 2, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 2 TO MATCH PROPOSED USH 53 NB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 NB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	SHEET 569	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 01

PLOT DATE : 10/31/2022 1:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

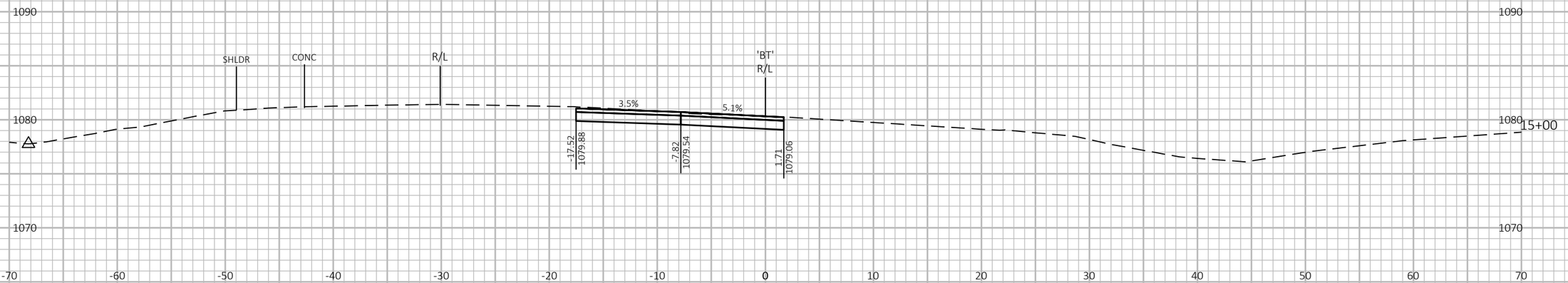
EXISTING GROUND

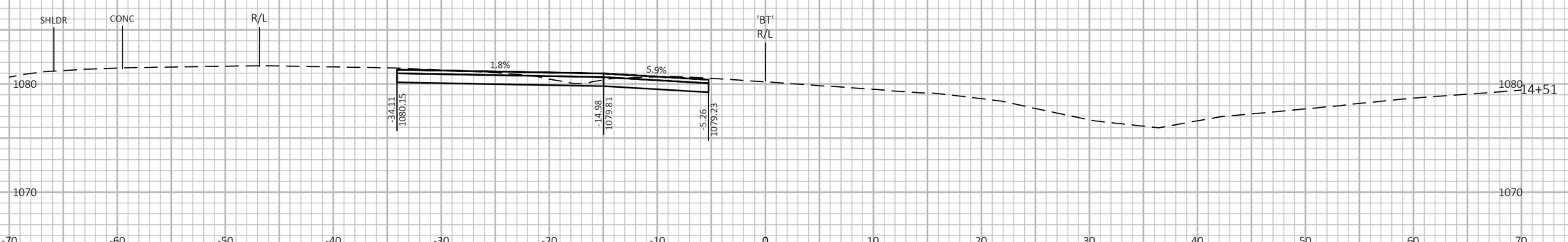
STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE

THE STAGE 1 CONSTRUCTION WILL MATCH EXISTING USH 53 NB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 2, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 2 TO MATCH PROPOSED USH 53 NB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 NB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	SHEET 570	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 02

PLOT DATE : 10/31/2022 1:11 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

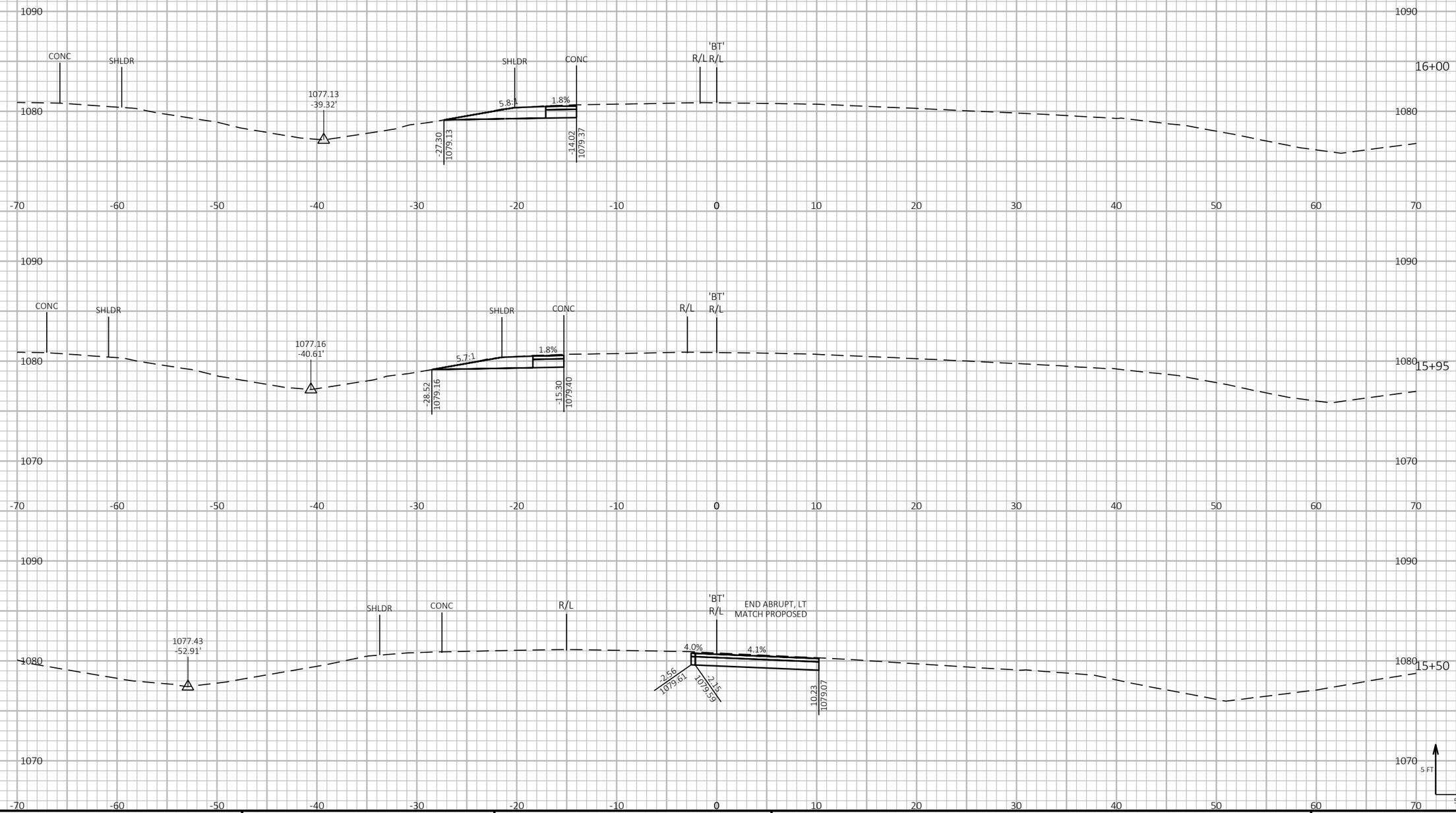
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE

THE STAGE 1 CONSTRUCTION WILL MATCH EXISTING USH 53 NB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 2, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 2 TO MATCH PROPOSED USH 53 NB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 NB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	SHEET 571	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 03

PLOT DATE : 10/31/2022 1:11 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

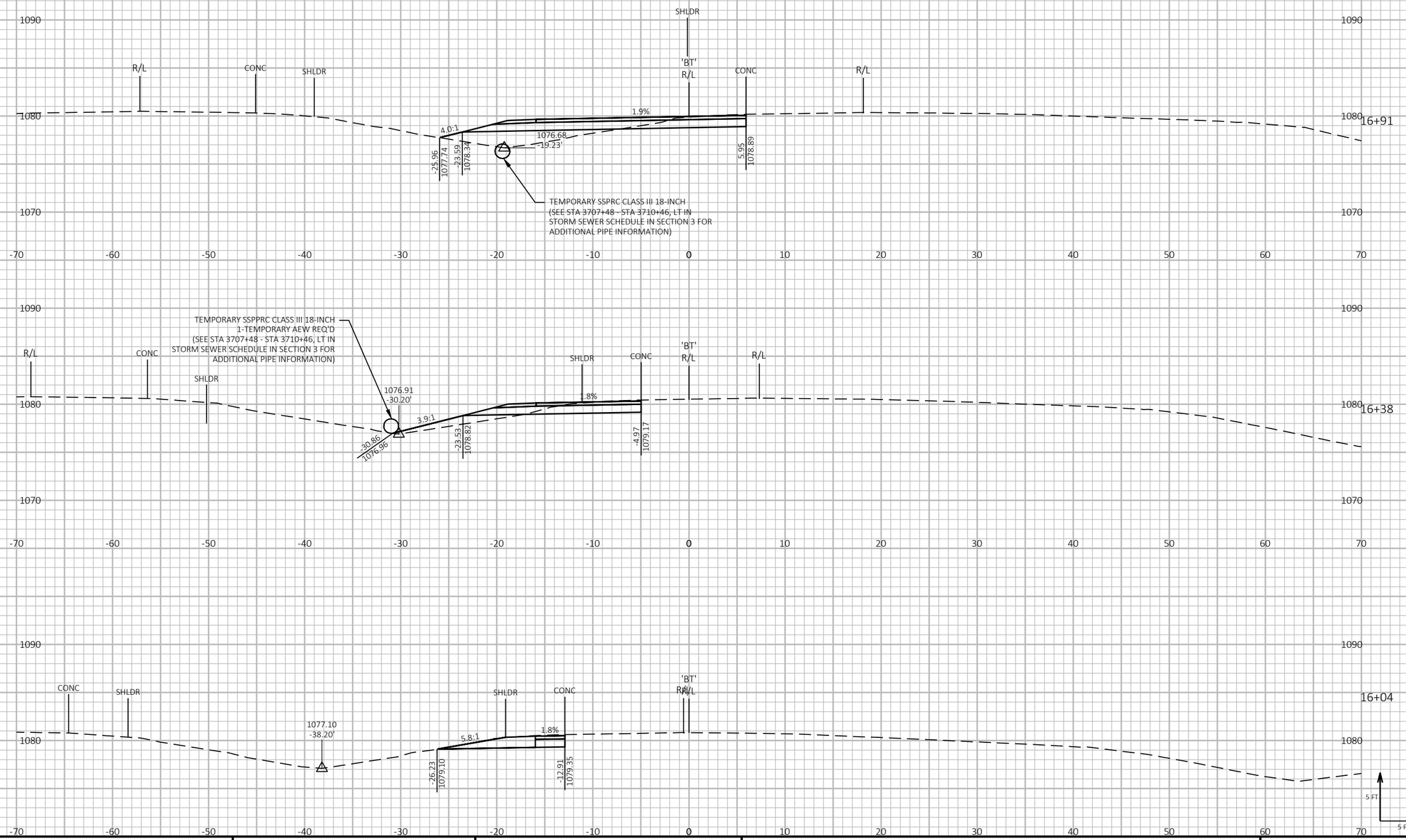
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE

THE STAGE 1 CONSTRUCTION WILL MATCH EXISTING USH 53 NB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 2, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 2 TO MATCH PROPOSED USH 53 NB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 NB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	SHEET 572	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 04

PLOT DATE : 10/31/2022 1:11 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

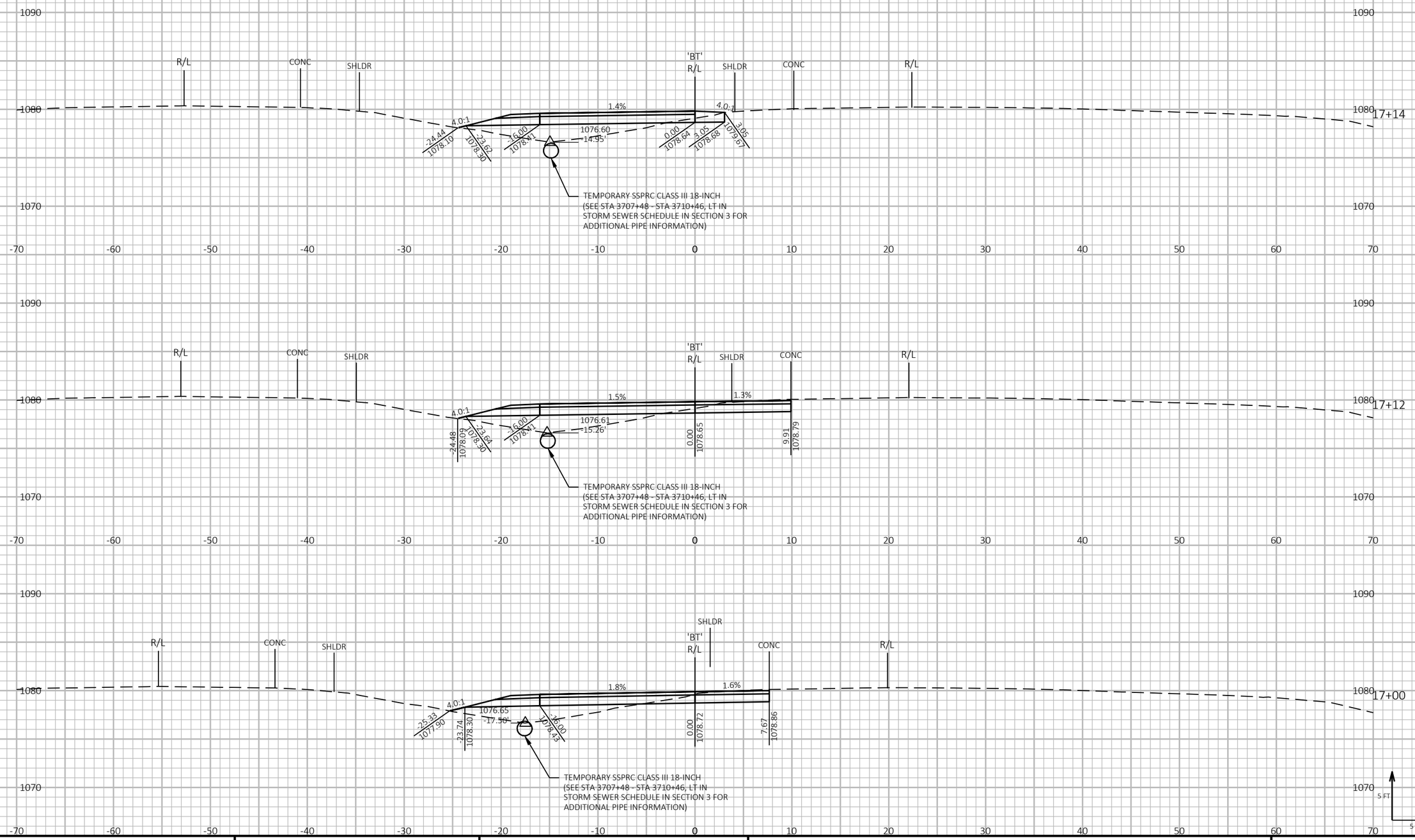
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE
THE STAGE 1 CONSTRUCTION WILL MATCH EXISTING USH 53 NB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 2, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 2 TO MATCH PROPOSED USH 53 NB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 NB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	SHEET 573	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 05

PLOT DATE : 10/31/2022 1:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

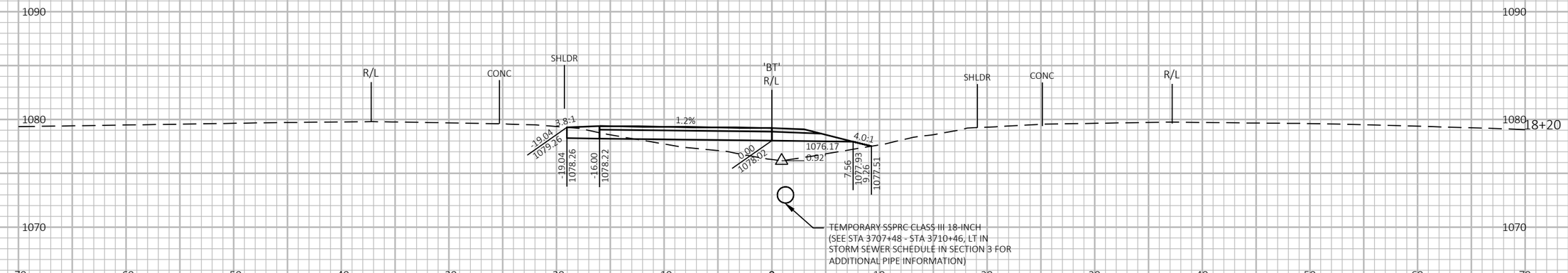
WISDOT/CADDS SHEET 49

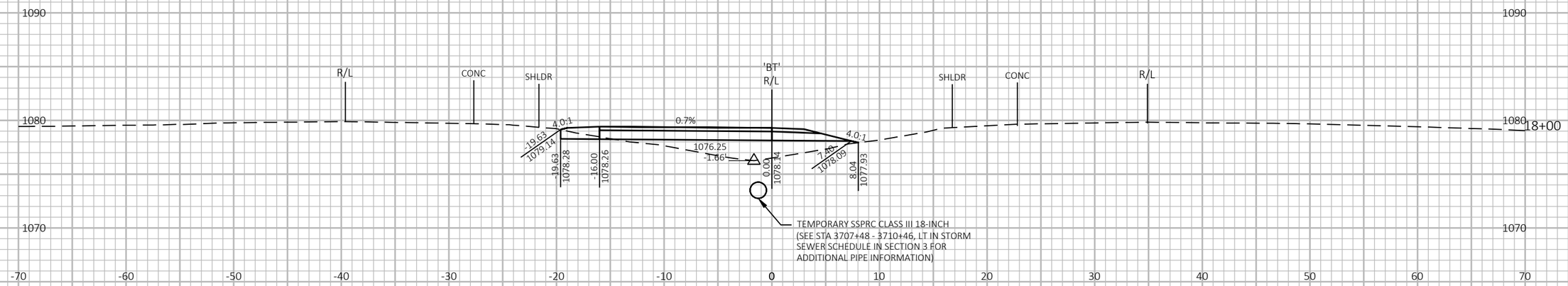
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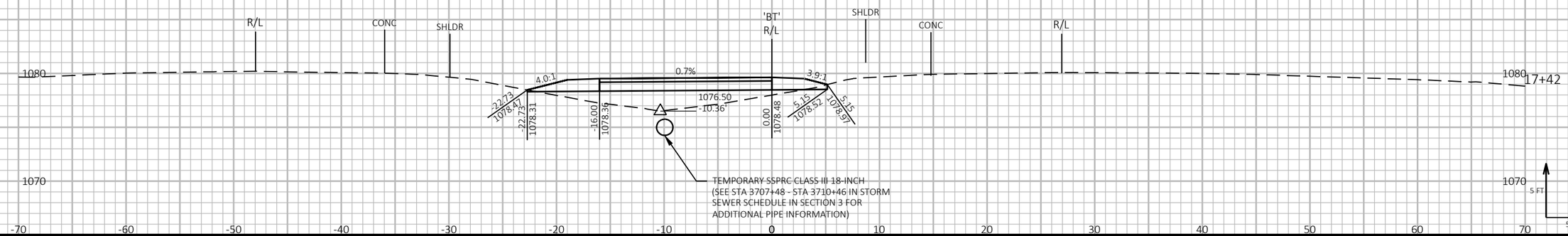
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	SHEET 574	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 06

PLOT DATE : 10/31/2022 1:11 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

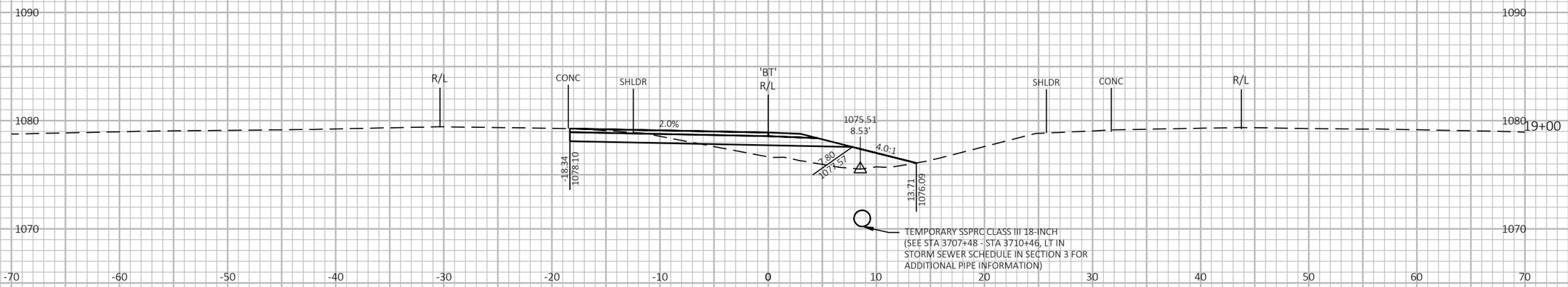
WISDOT/CADDS SHEET 49

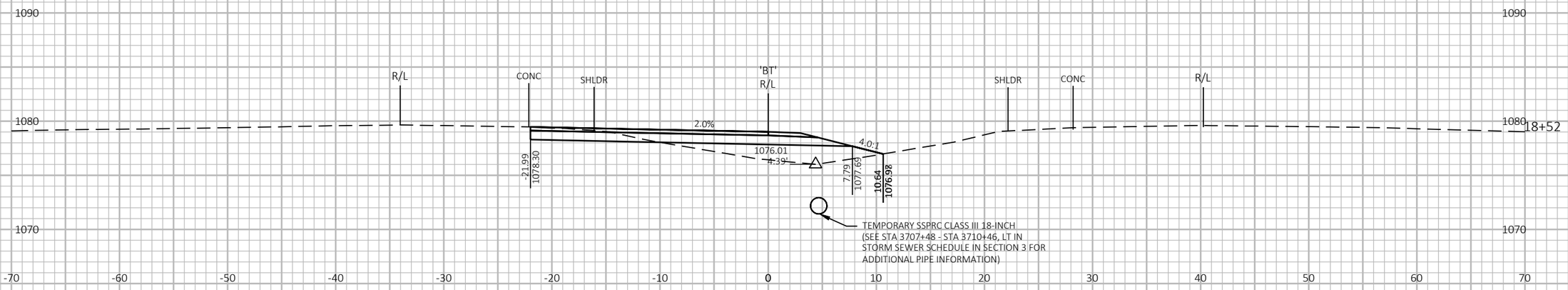
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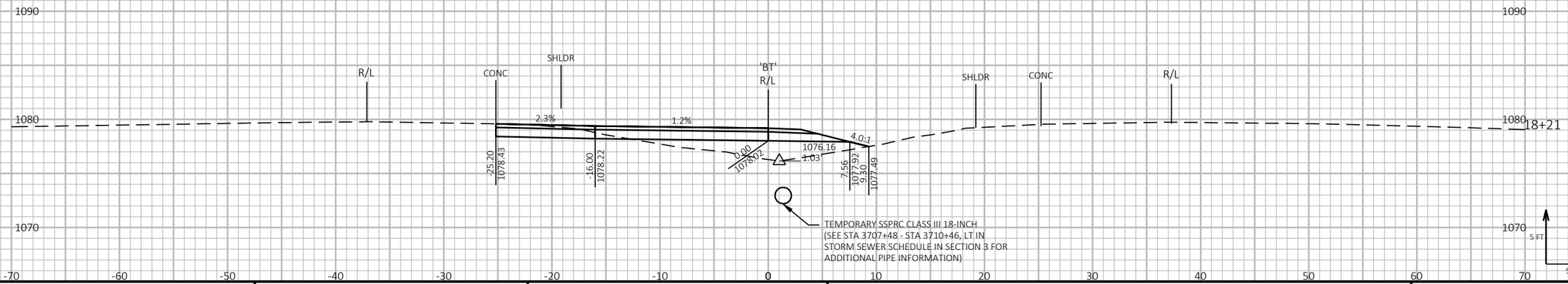
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	SHEET 575	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 07

PLOT DATE : 10/31/2022 1:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

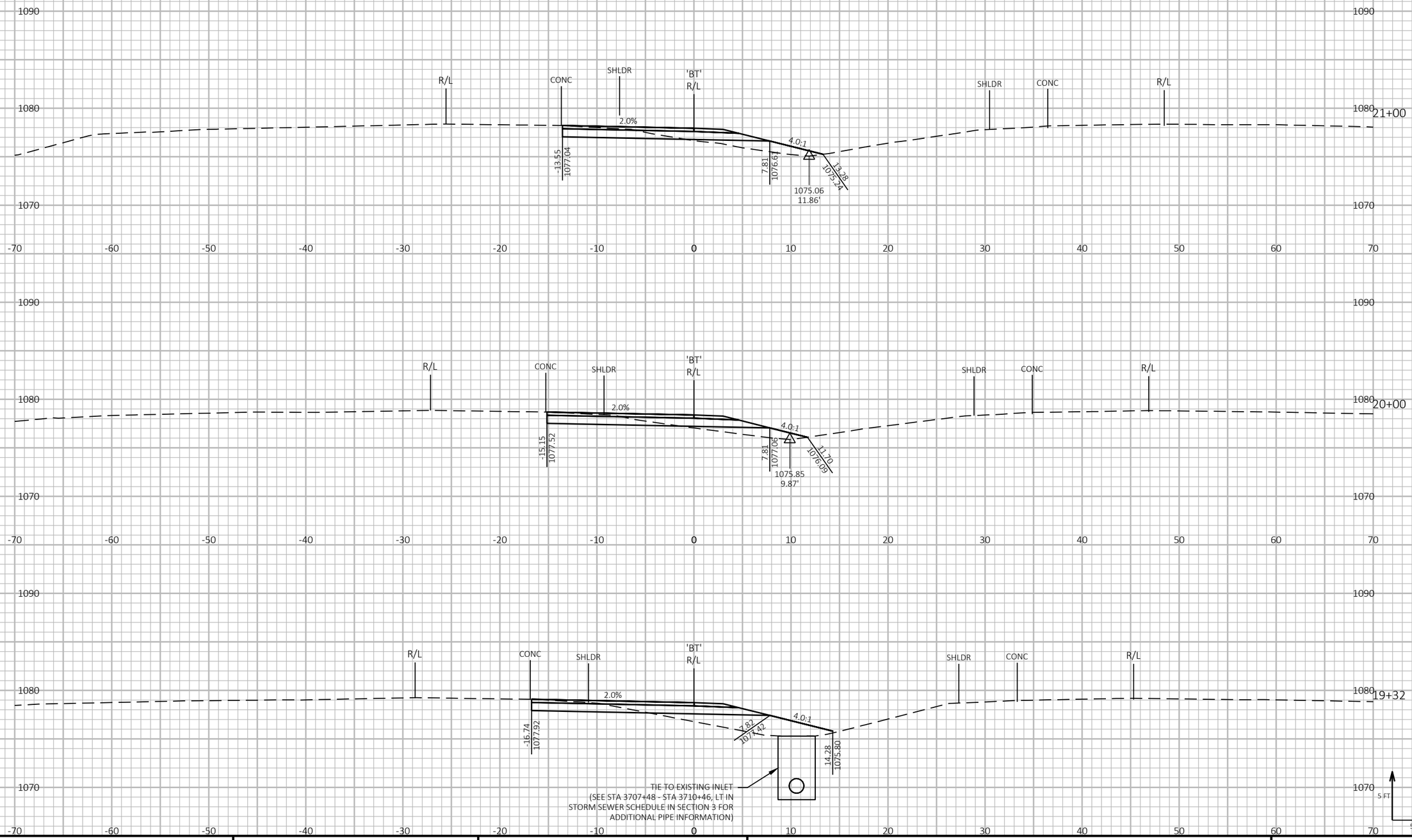
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	SHEET 576	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 08

PLOT DATE : 10/31/2022 1:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

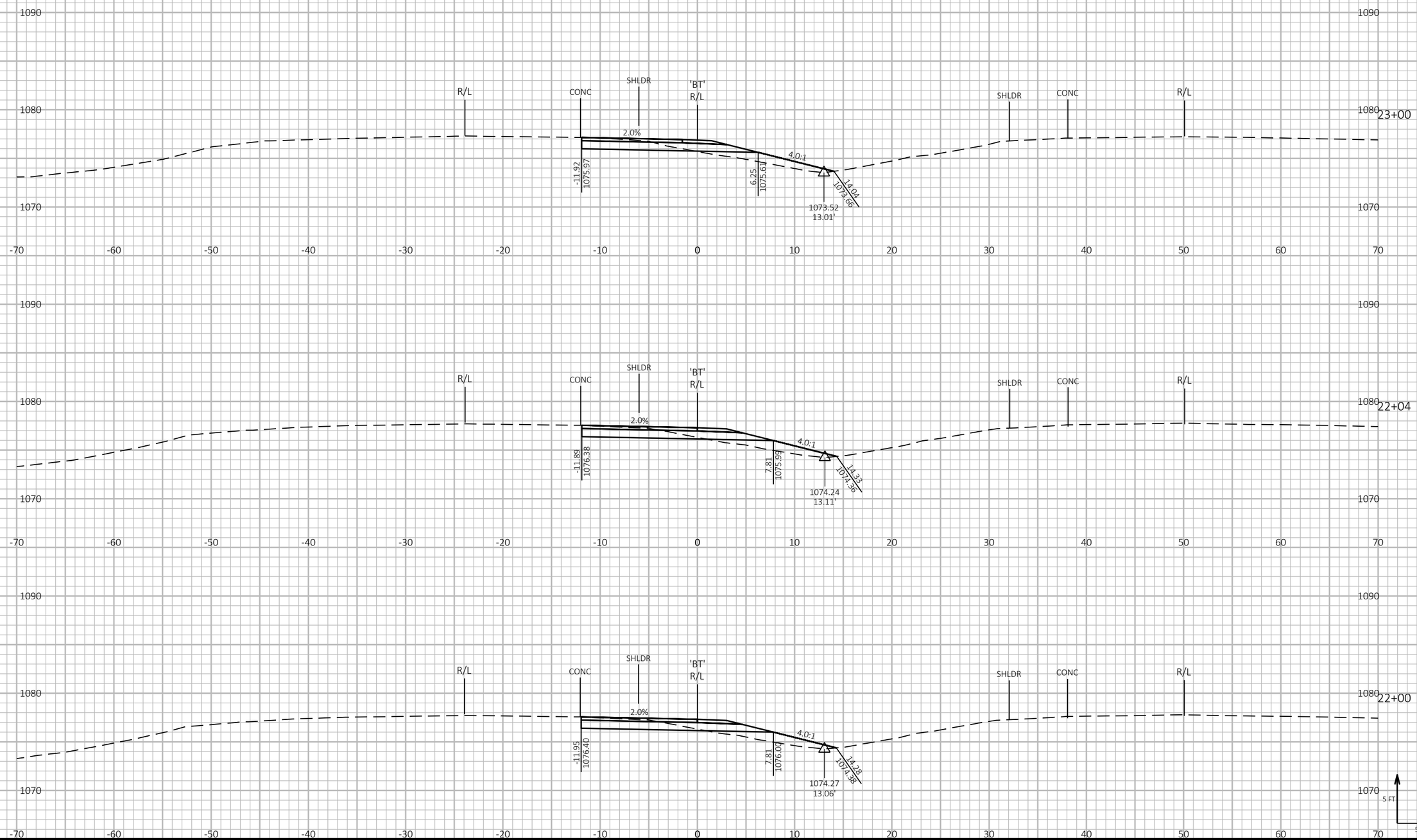
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	SHEET 577	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 09

PLOT DATE : 10/31/2022 1:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

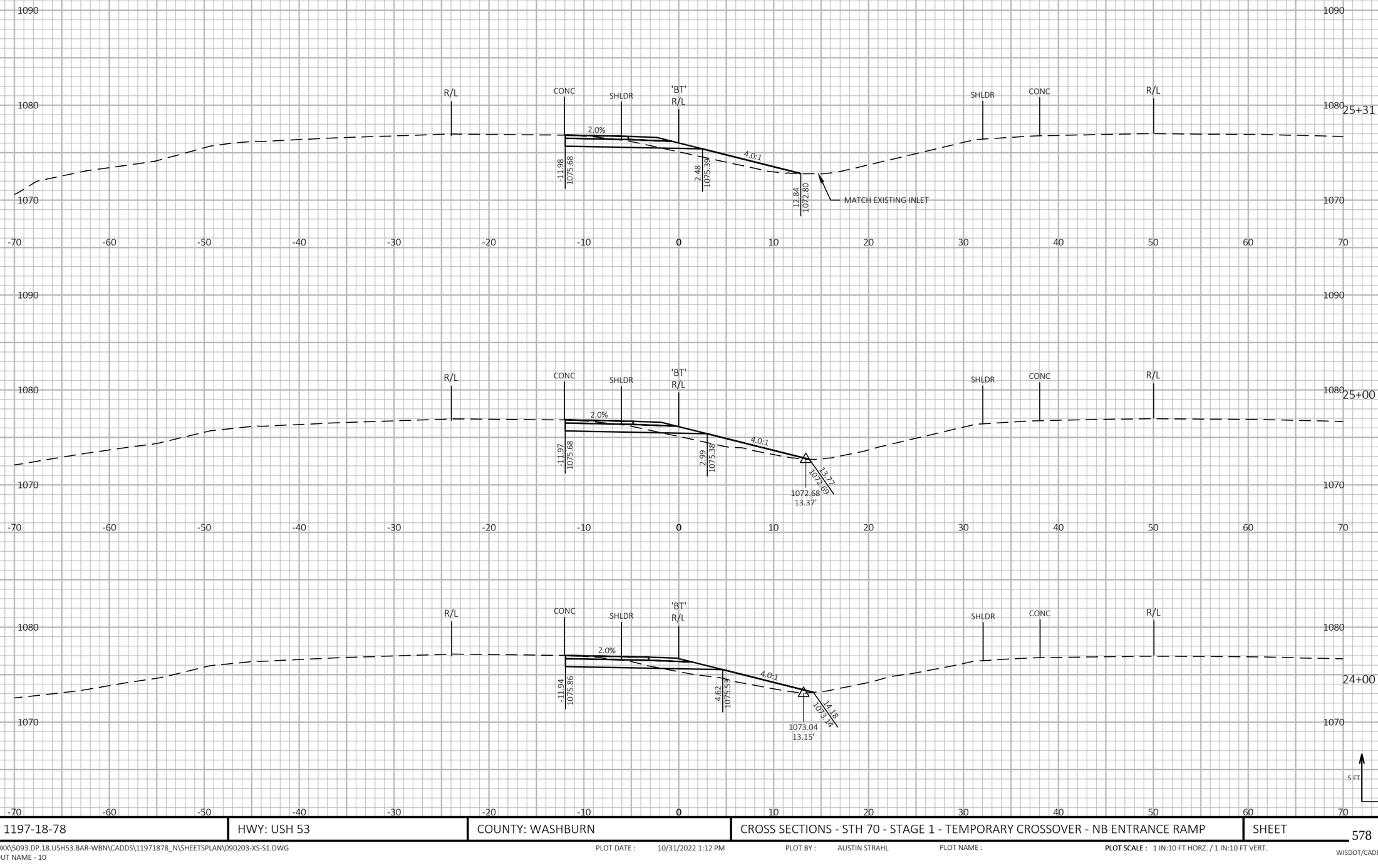
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	SHEET 578	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 10

PLOT DATE : 10/31/2022 1:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

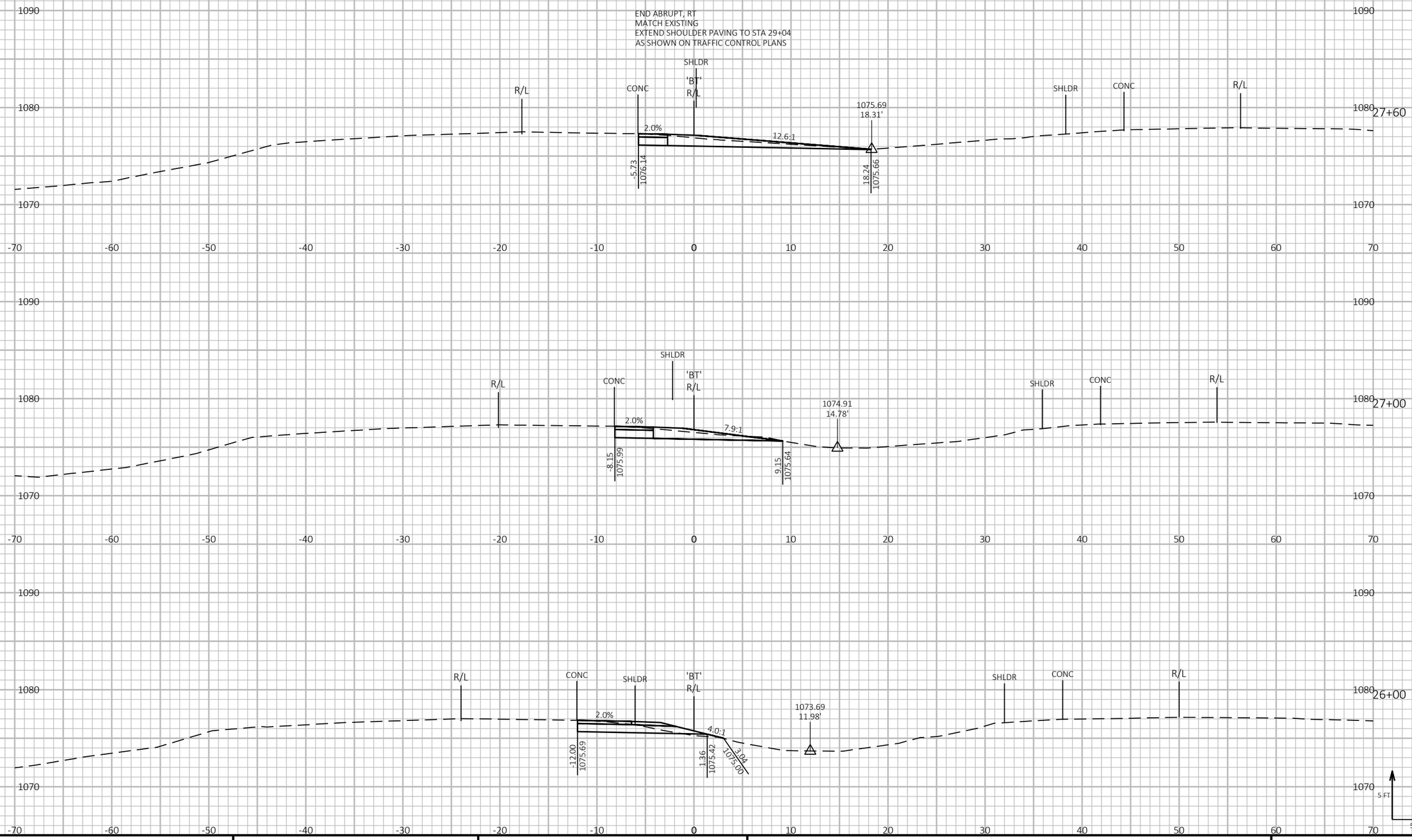
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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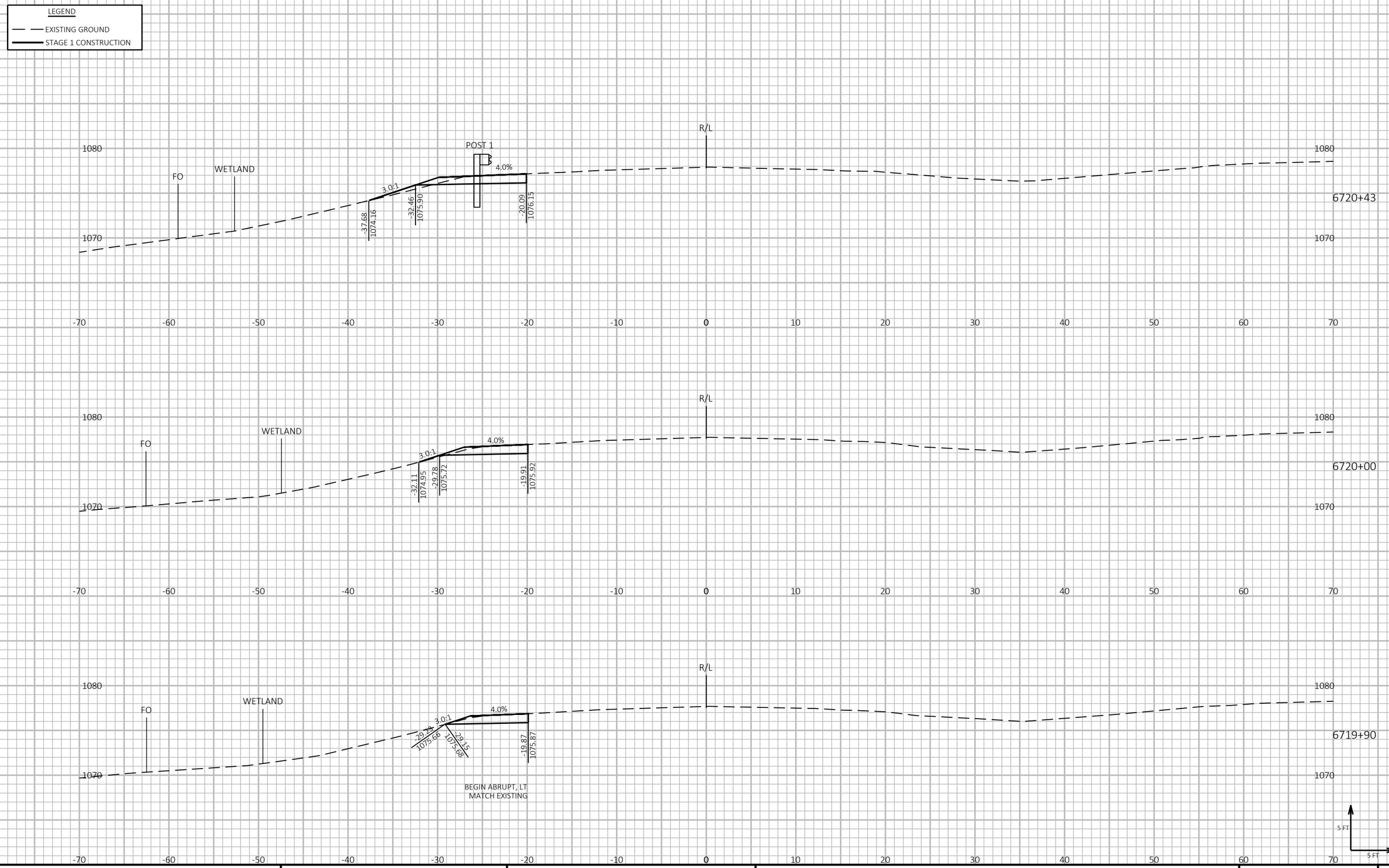
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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 1 - TEMPORARY CROSSOVER - NB ENTRANCE RAMP	SHEET 579	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090203-XS-S1.DWG
LAYOUT NAME - 11

PLOT DATE : 10/31/2022 1:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY GUARDRAIL (YELLOW RIVER)	SHEET 580	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090204-XS-S1.DWG
LAYOUT NAME - 01

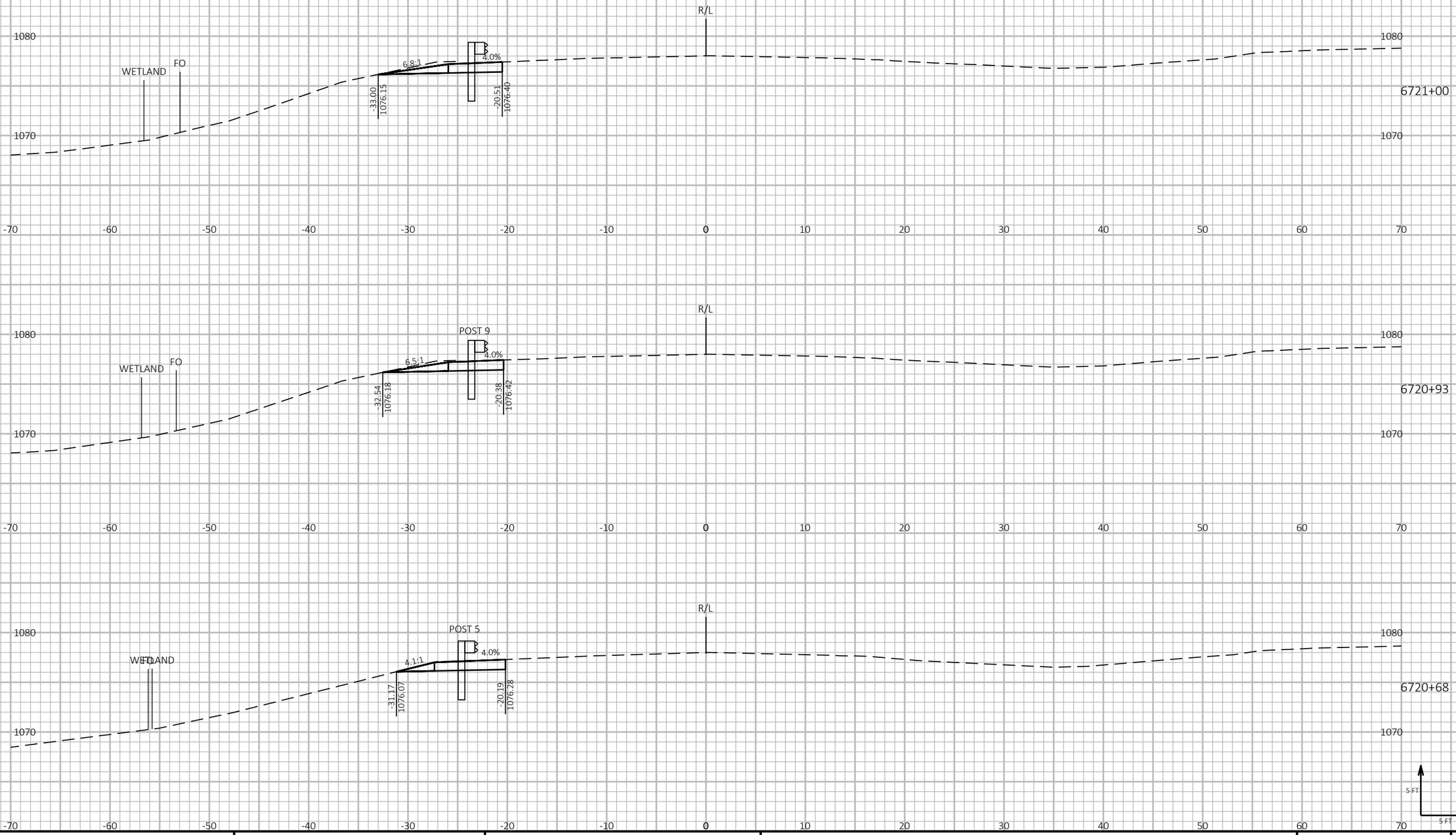
PLOT DATE : 2/11/2022 10:17 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY GUARDRAIL (YELLOW RIVER)	SHEET 581	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090204-XS-S1.DWG
LAYOUT NAME - 02

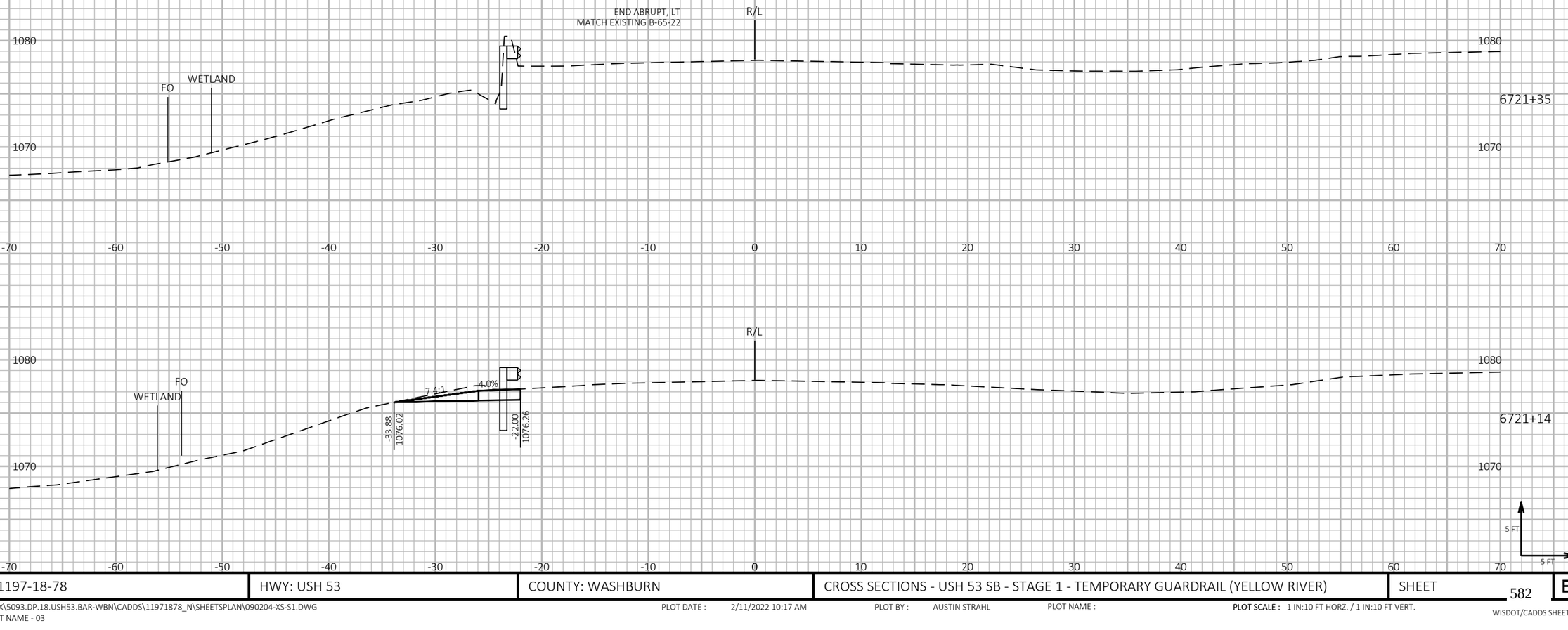
PLOT DATE : 2/11/2022 10:17 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY GUARDRAIL (YELLOW RIVER)	SHEET 582	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090204-XS-S1.DWG
LAYOUT NAME - 03

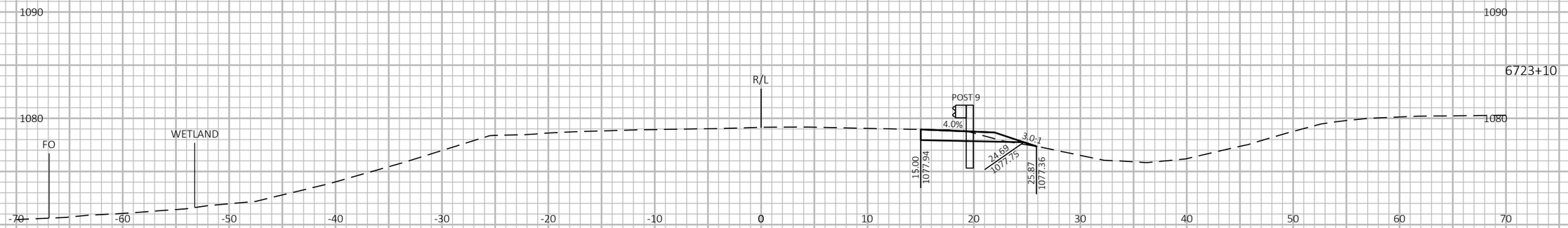
PLOT DATE : 2/11/2022 10:17 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

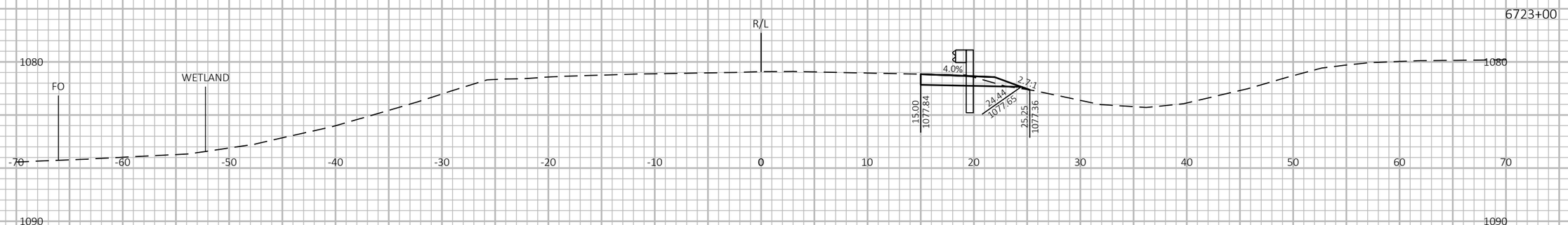
WISDOT/CADDS SHEET 49

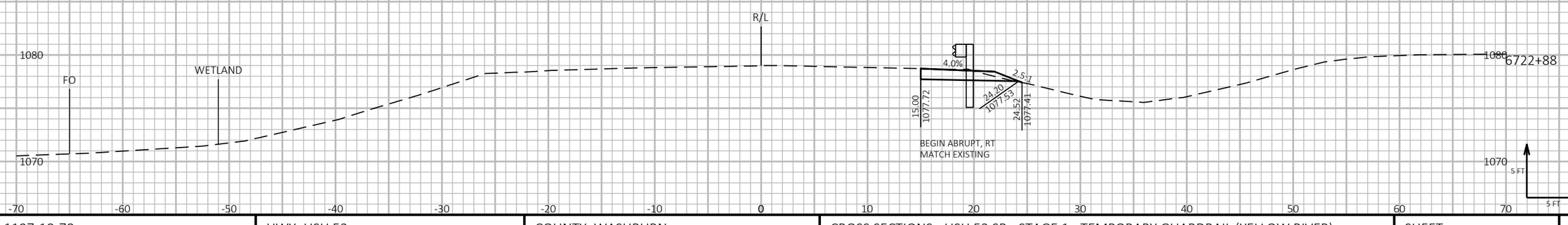
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY GUARDRAIL (YELLOW RIVER)	SHEET 583	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090205-XS-S1.DWG
LAYOUT NAME - 01

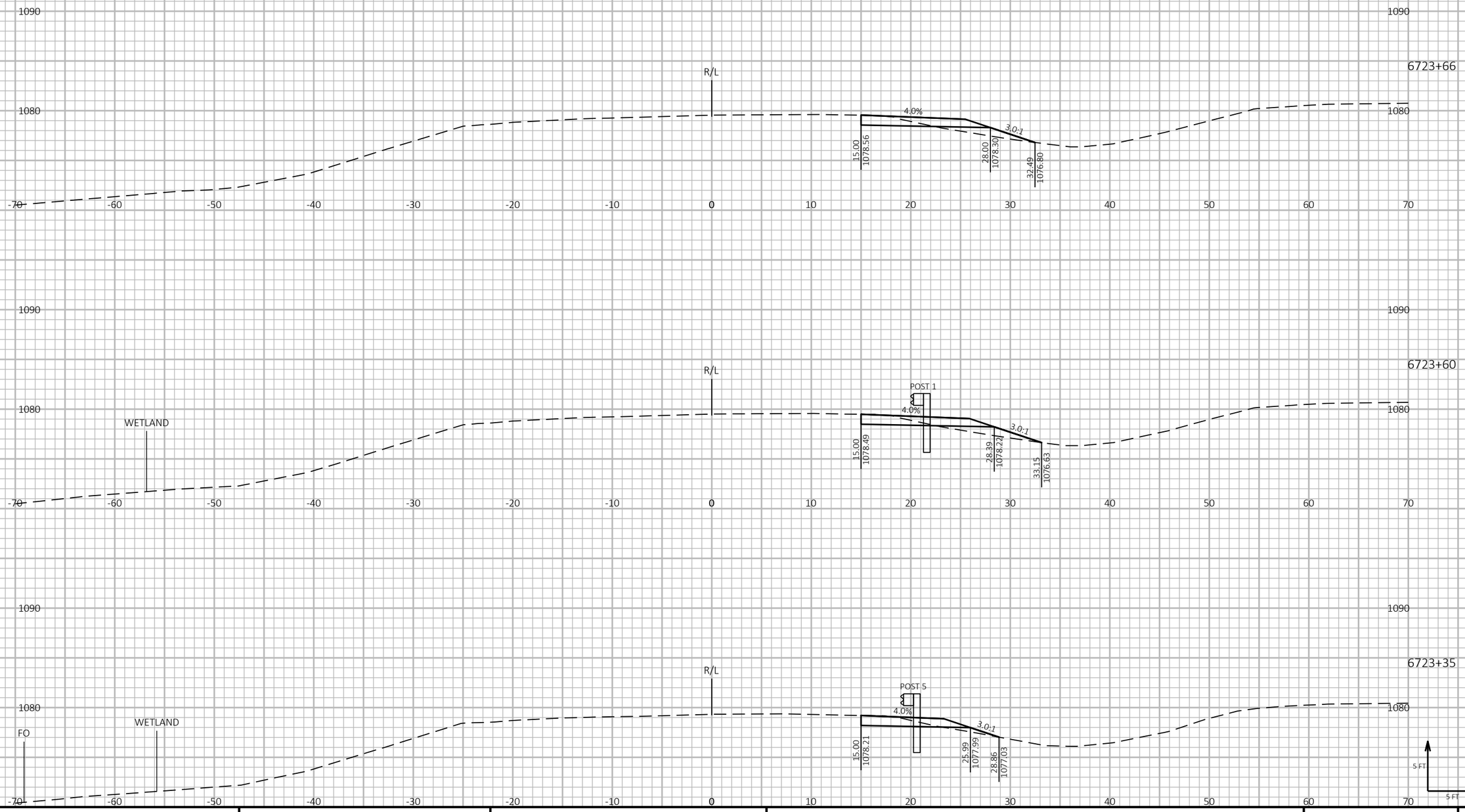
PLOT DATE : 2/11/2022 10:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY GUARDRAIL (YELLOW RIVER)	SHEET 584	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090205-XS-S1.DWG
LAYOUT NAME - 02

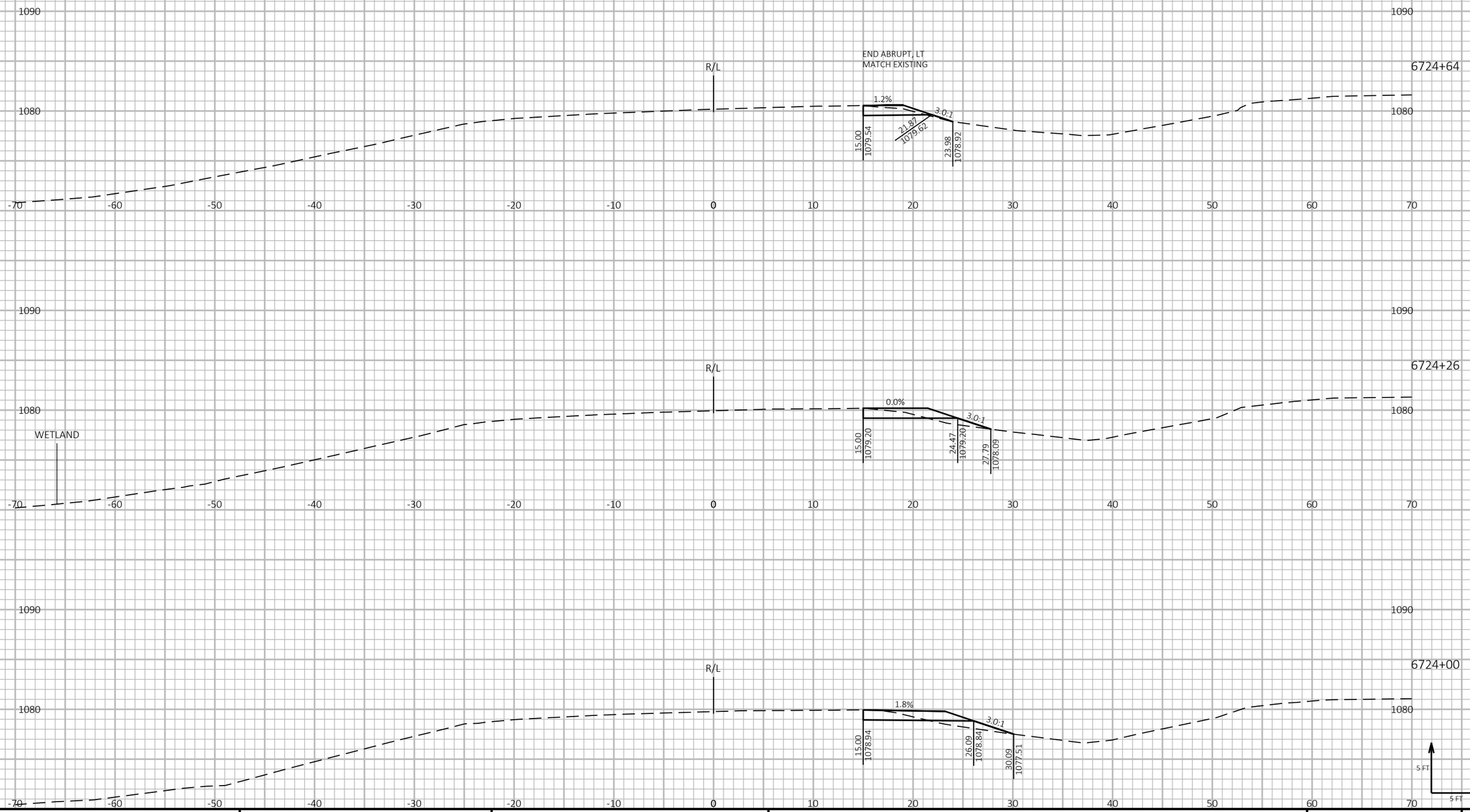
PLOT DATE : 2/11/2022 10:31 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



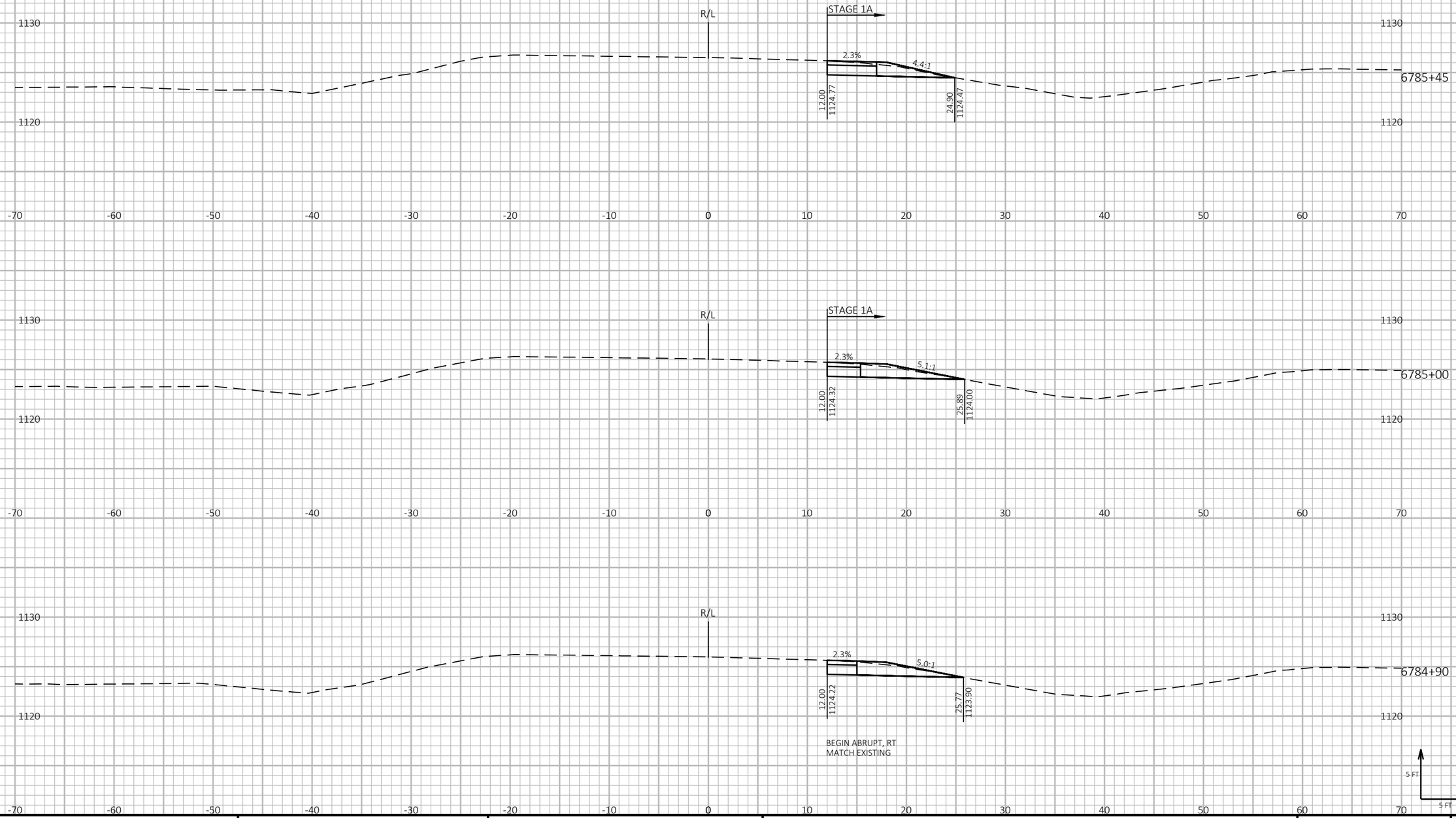
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY GUARDRAIL (YELLOW RIVER)	SHEET 585	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090205-XS-S1.DWG
LAYOUT NAME - 03

PLOT DATE : 2/11/2022 10:31 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND
EXISTING GROUND
STAGE 1 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 586	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 01

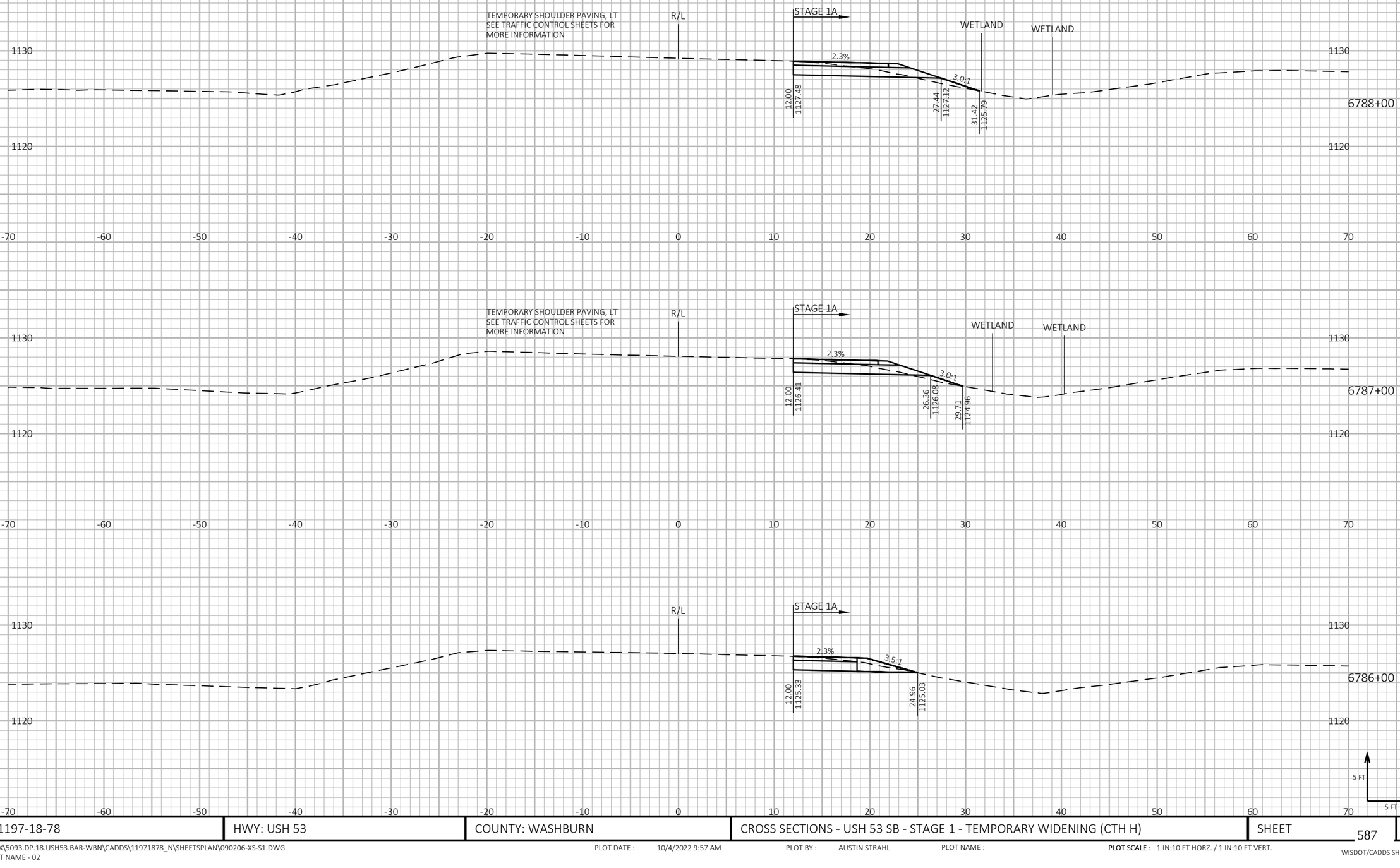
PLOT DATE : 10/4/2022 9:57 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 587	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 02

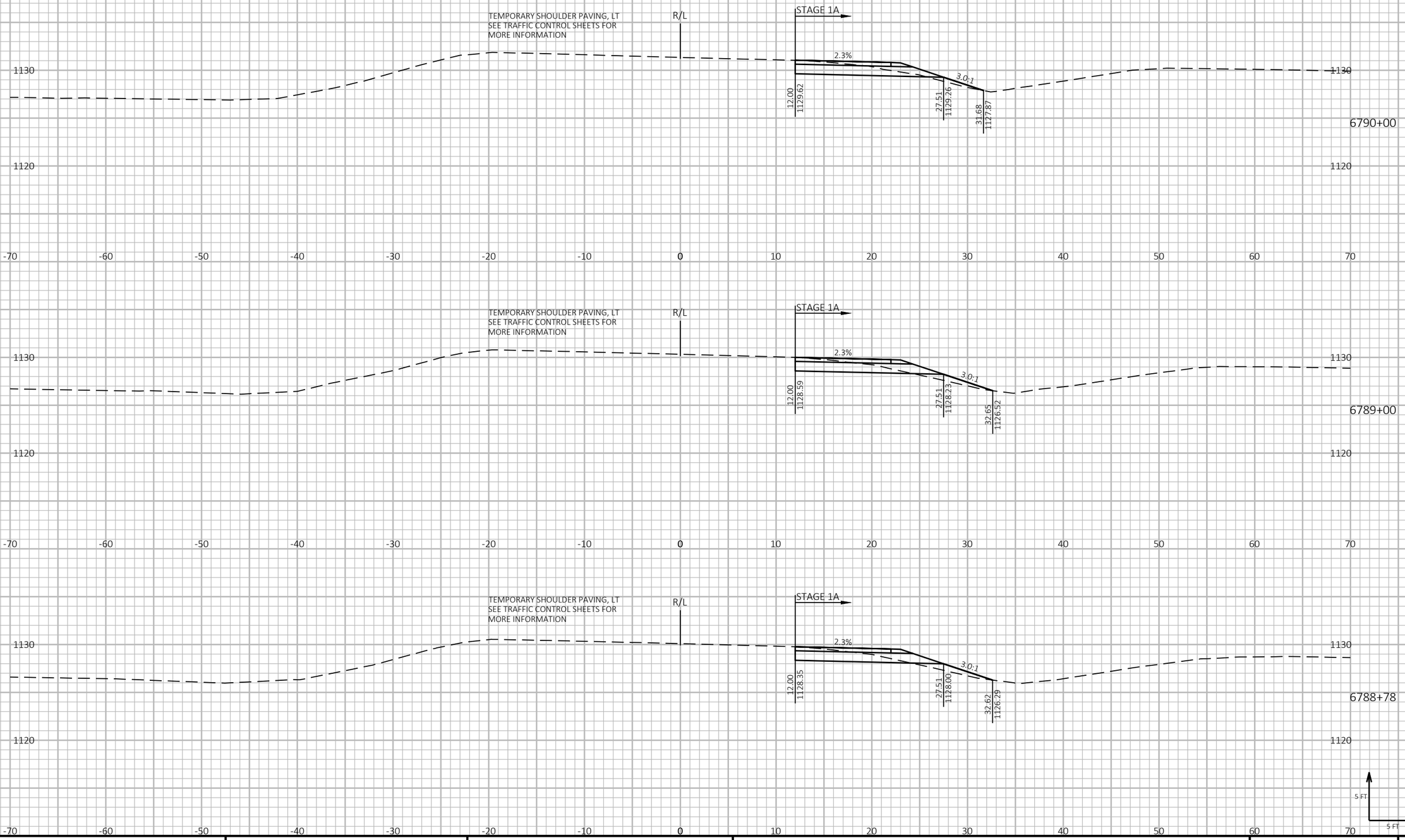
PLOT DATE : 10/4/2022 9:57 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 588	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 03

PLOT DATE : 10/4/2022 9:58 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

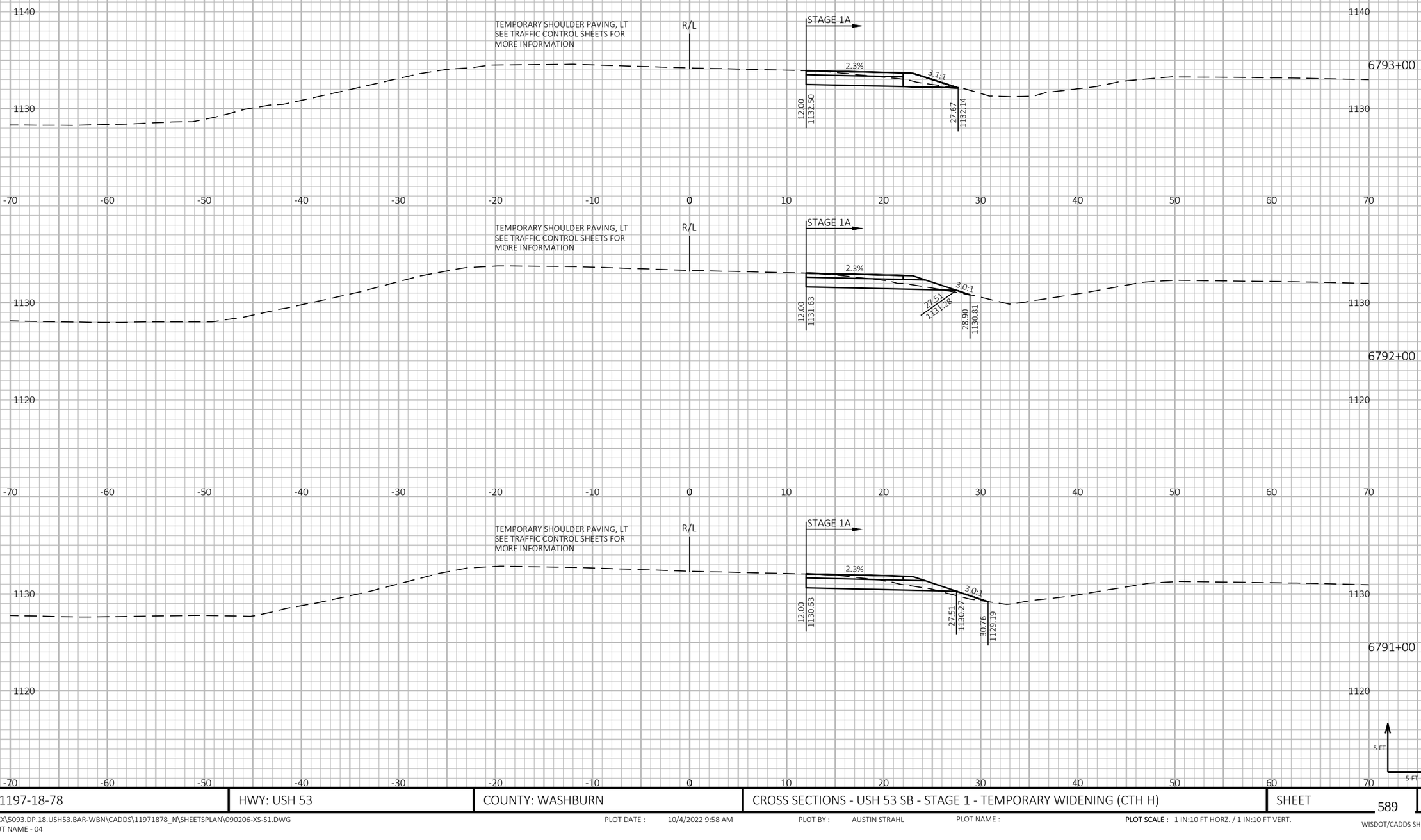
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 589	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 04

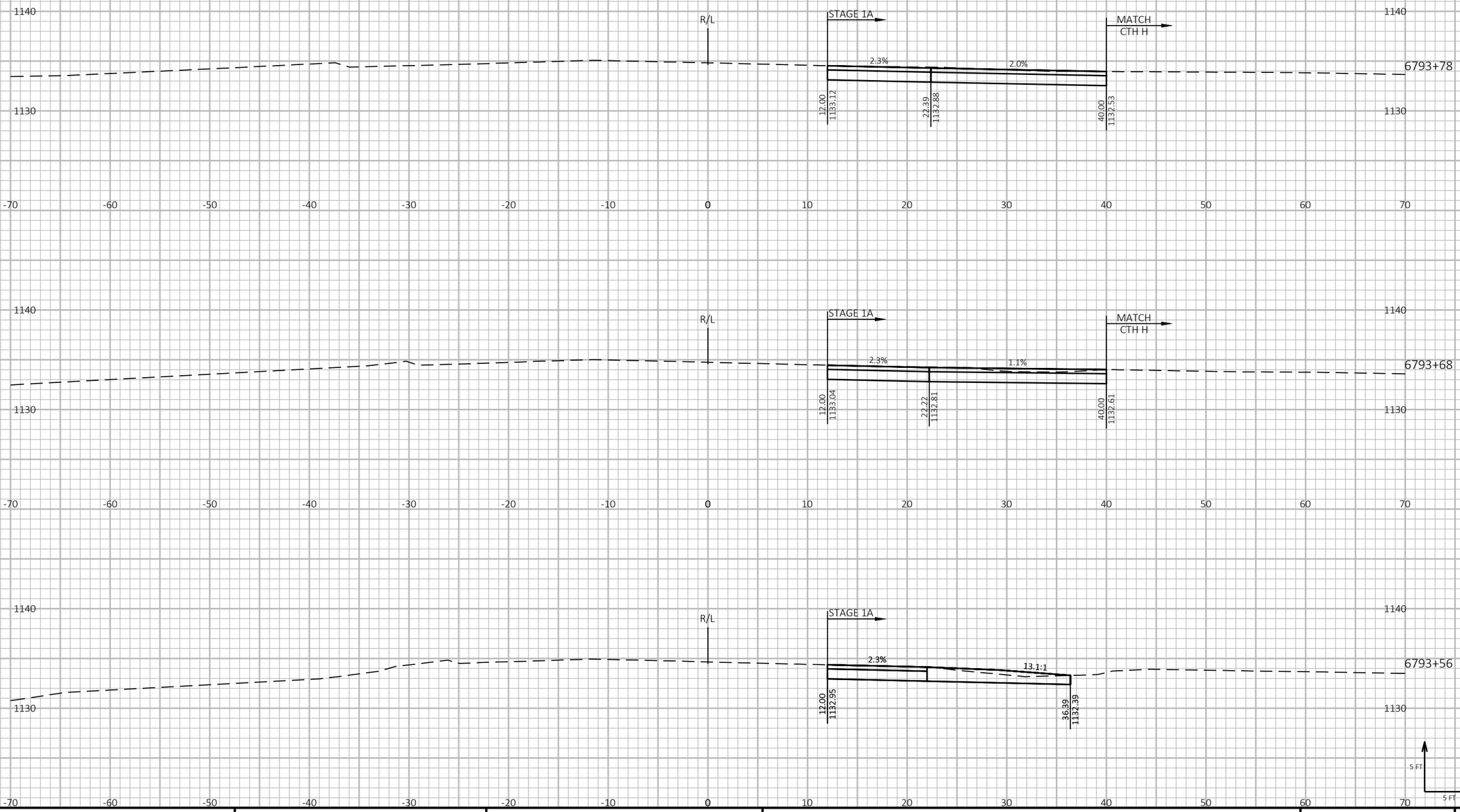
PLOT DATE : 10/4/2022 9:58 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 590	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 05

PLOT DATE : 10/4/2022 9:58 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

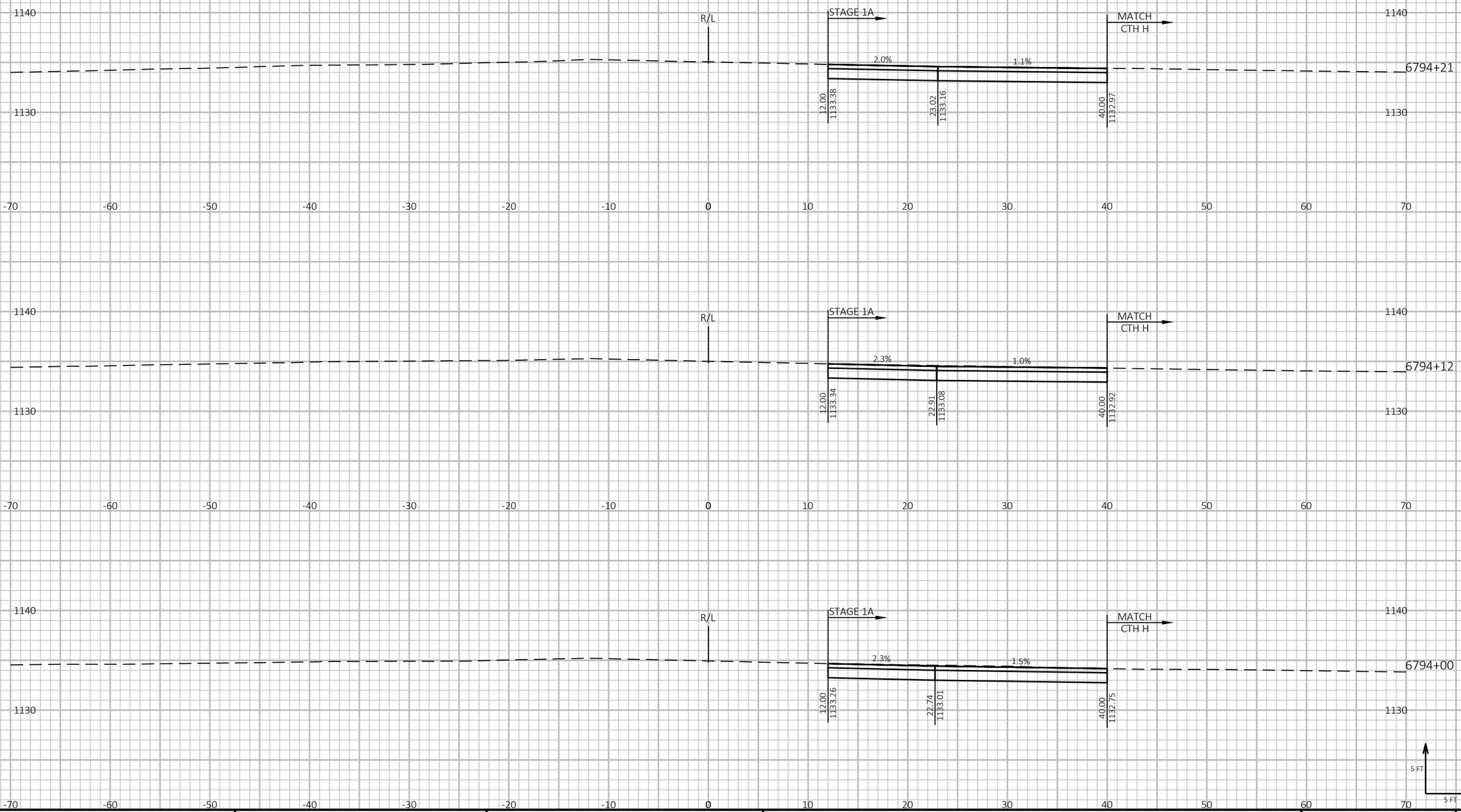
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 591	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 06

PLOT DATE : 10/4/2022 9:58 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

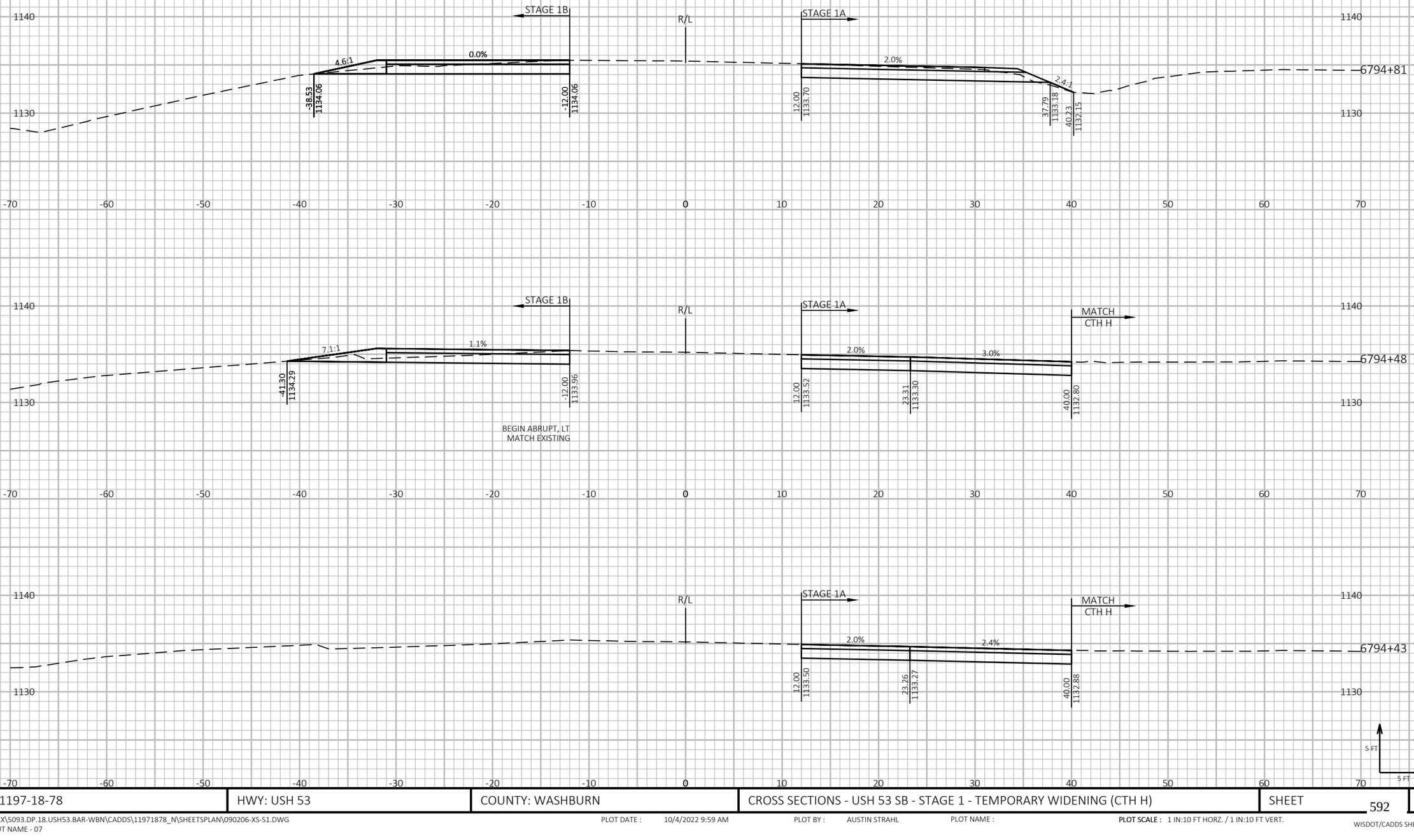
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 592	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 07

PLOT DATE : 10/4/2022 9:59 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

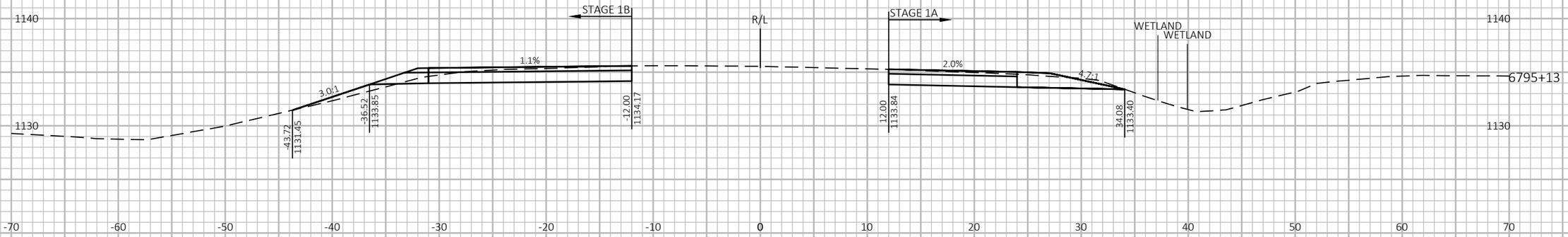
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

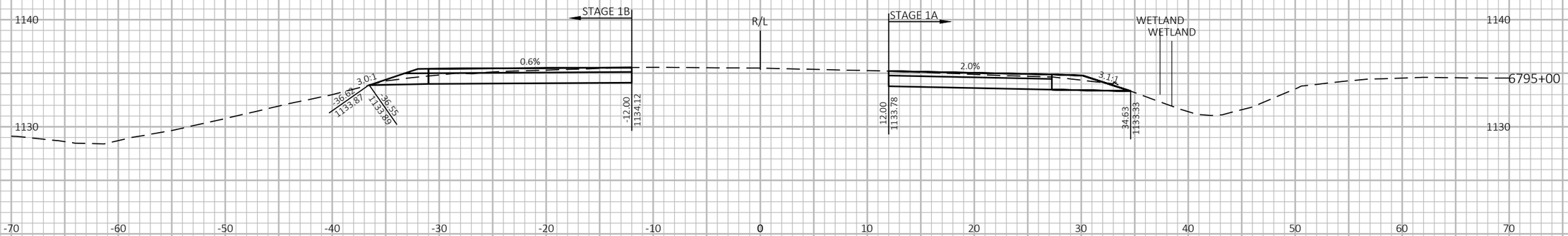
WISDOT/CADDS SHEET 49

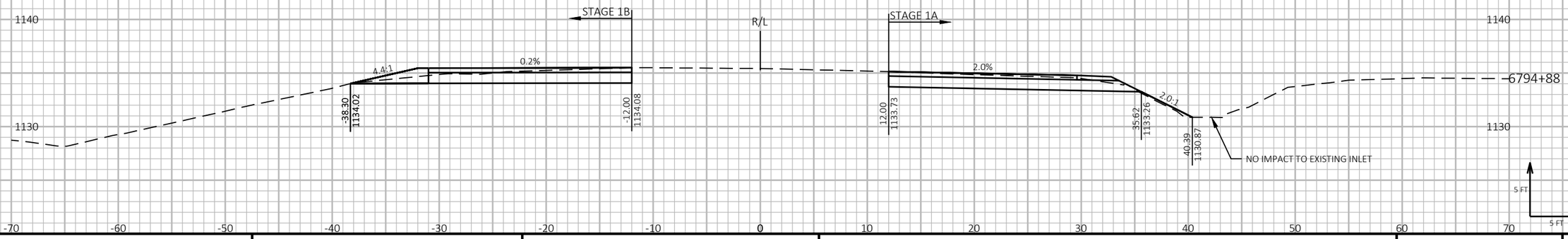
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 593	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 08

PLOT DATE : 10/4/2022 9:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

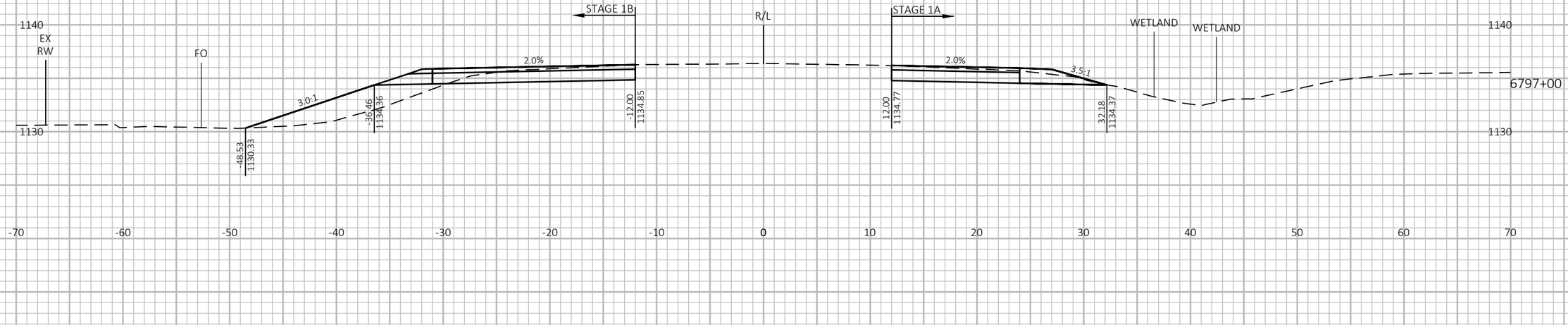
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

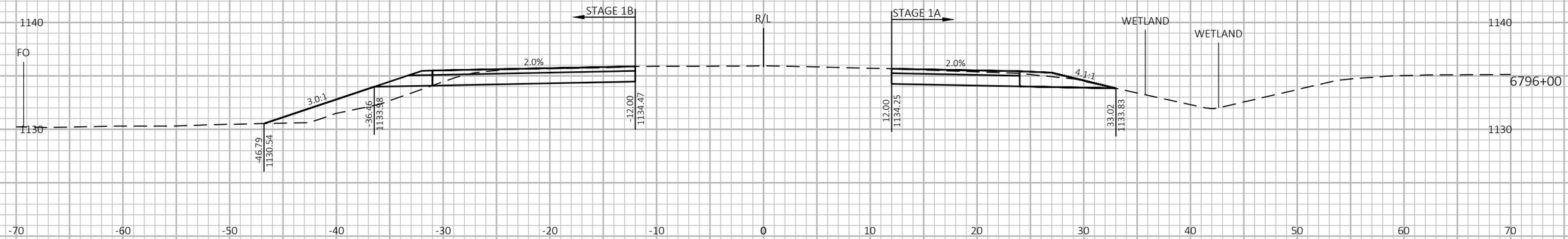
WISDOT/CADDS SHEET 49

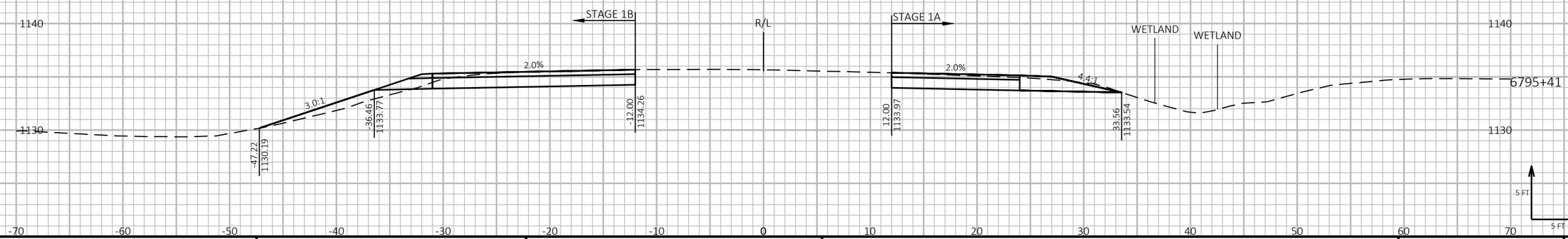
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 594	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 09

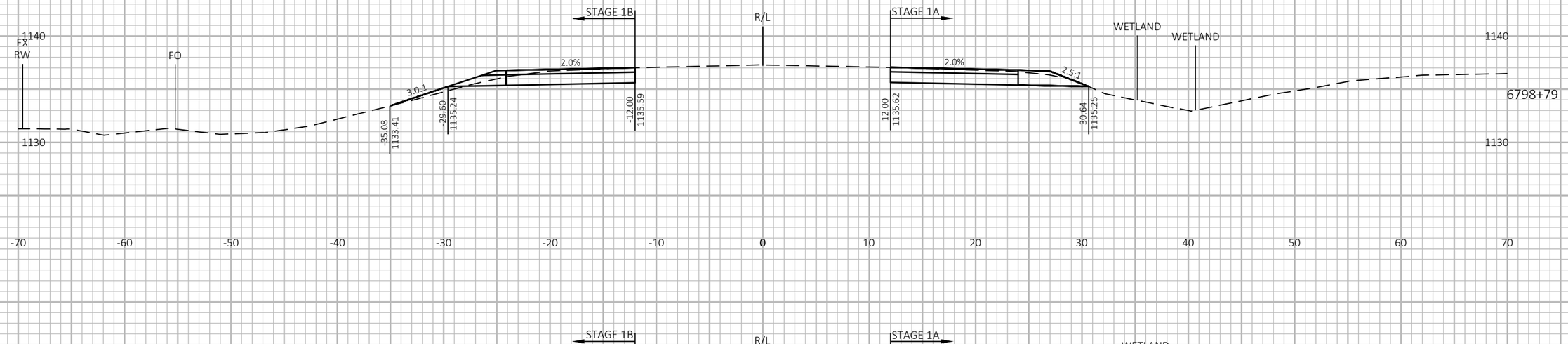
PLOT DATE : 10/4/2022 9:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

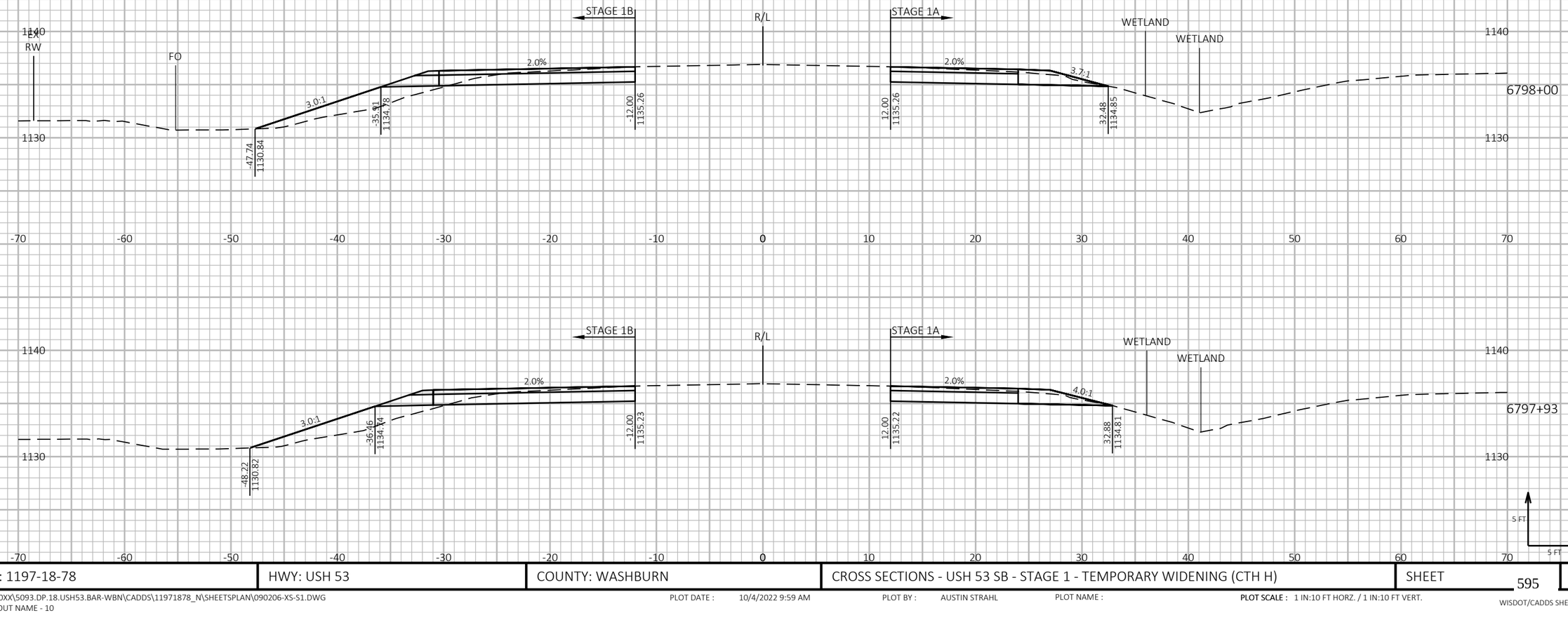
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION





9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 595	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 10

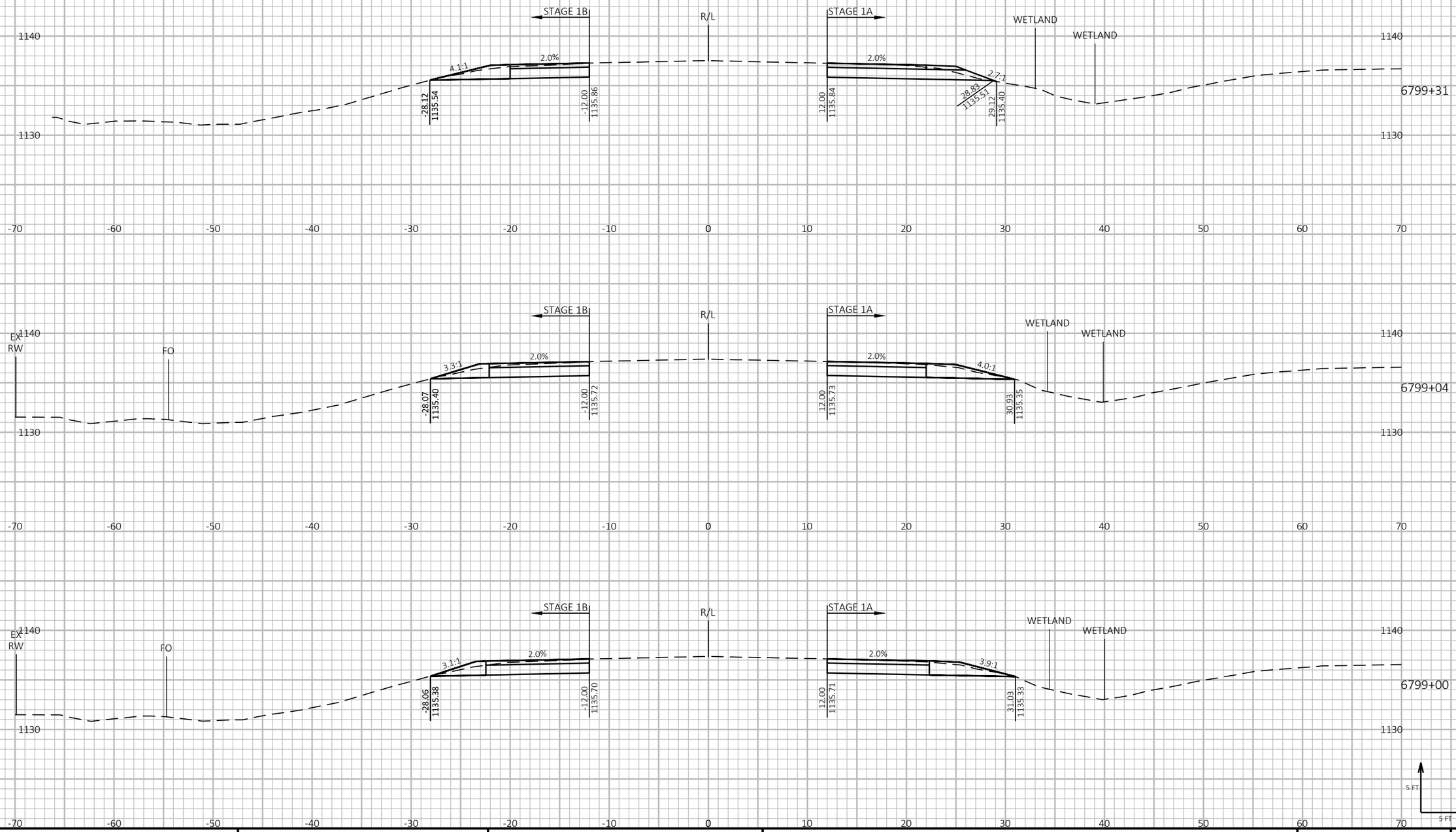
PLOT DATE : 10/4/2022 9:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 596	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 11

PLOT DATE : 10/4/2022 10:00 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

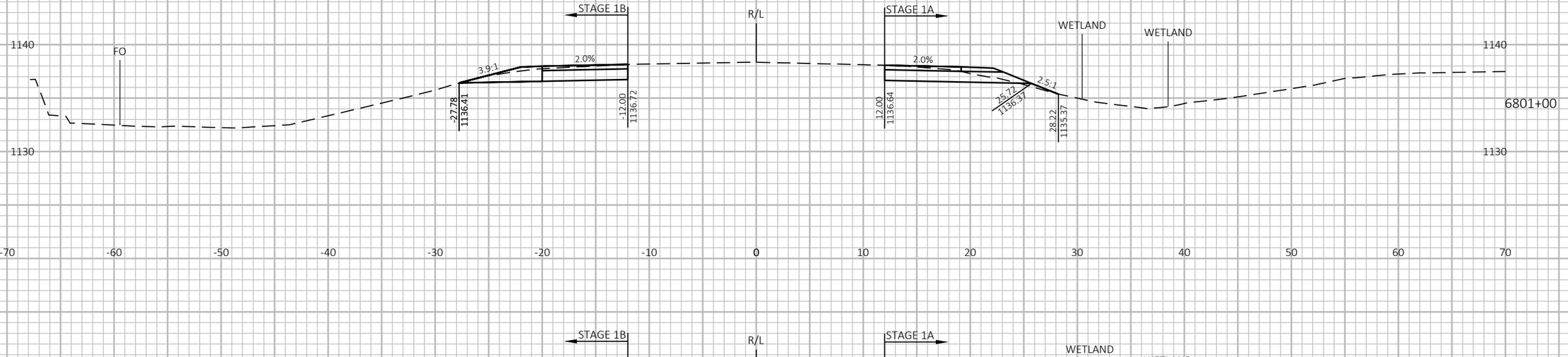
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

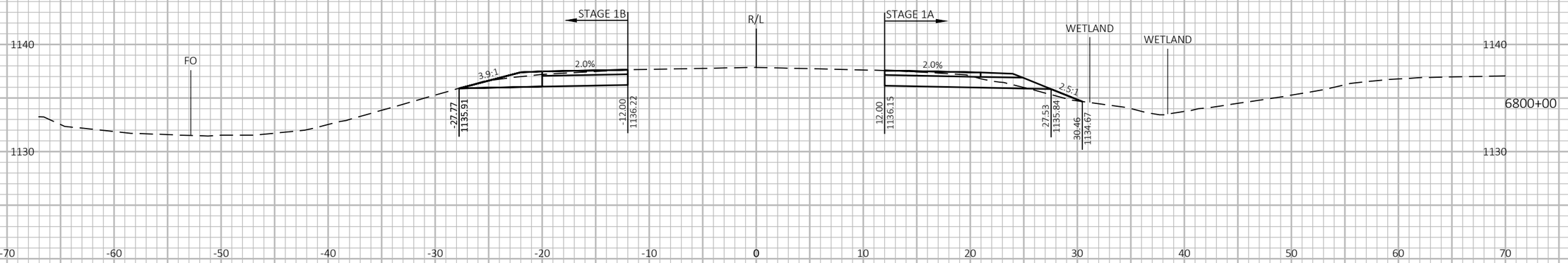
WISDOT/CADDS SHEET 49

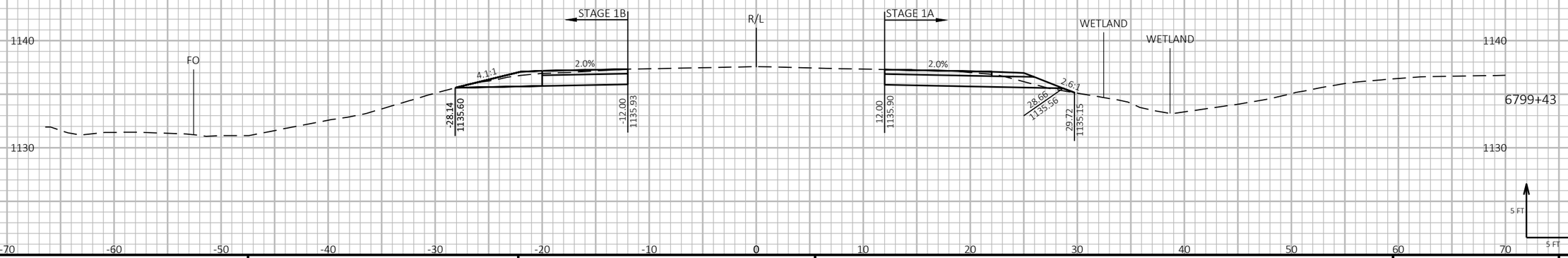
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 597	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 12

PLOT DATE : 10/4/2022 10:00 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

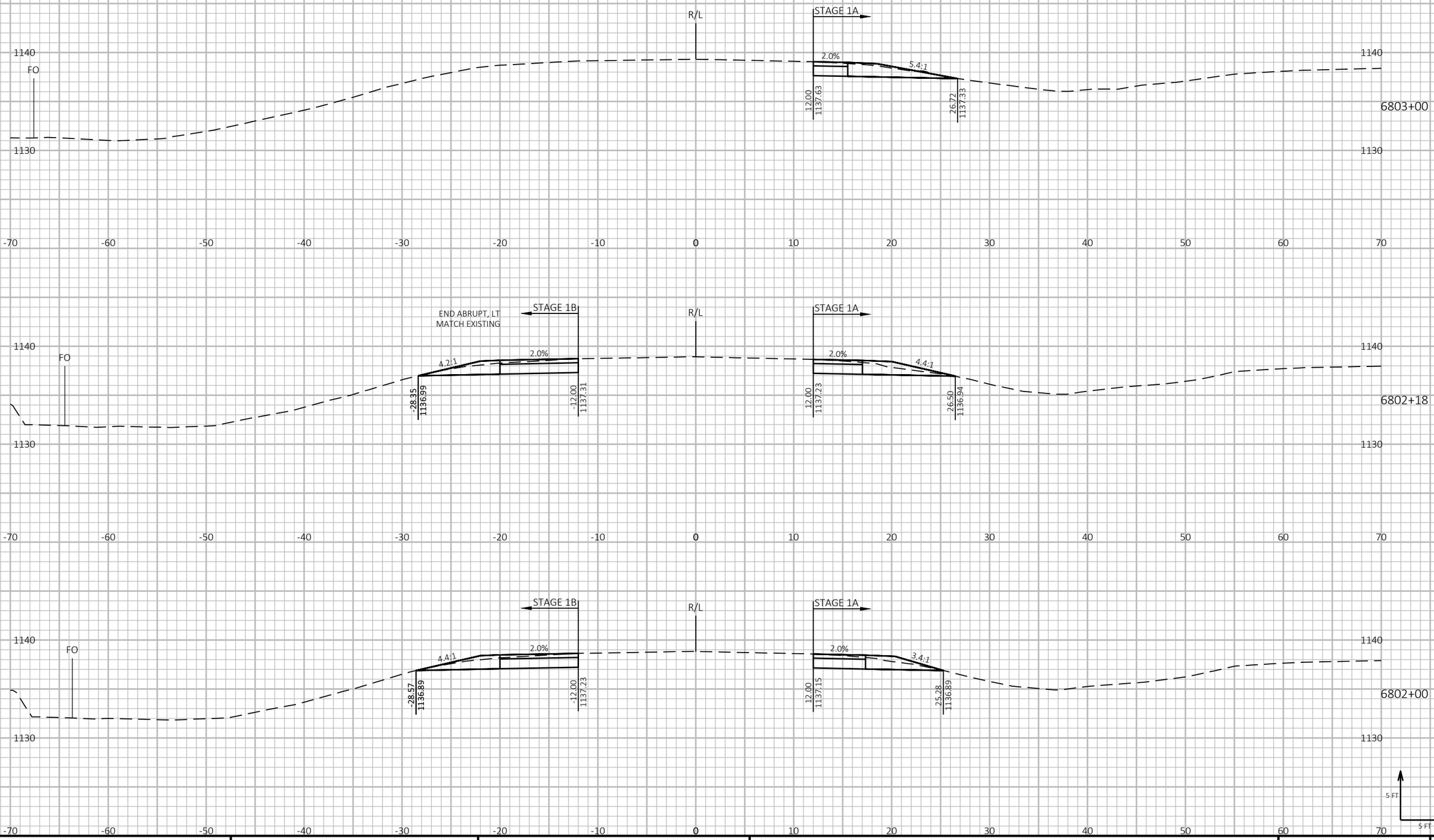
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 598	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 13

PLOT DATE : 10/4/2022 10:00 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

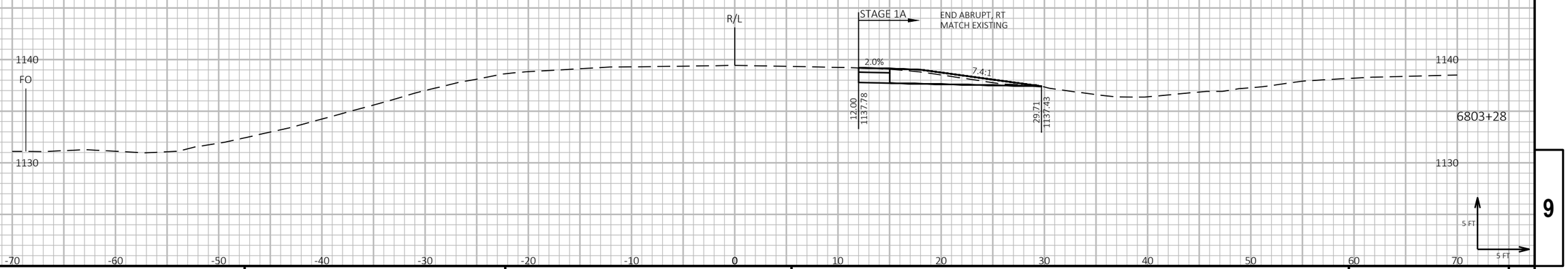
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH H)	SHEET 599	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090206-XS-S1.DWG
LAYOUT NAME - 14

PLOT DATE : 10/4/2022 10:00 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

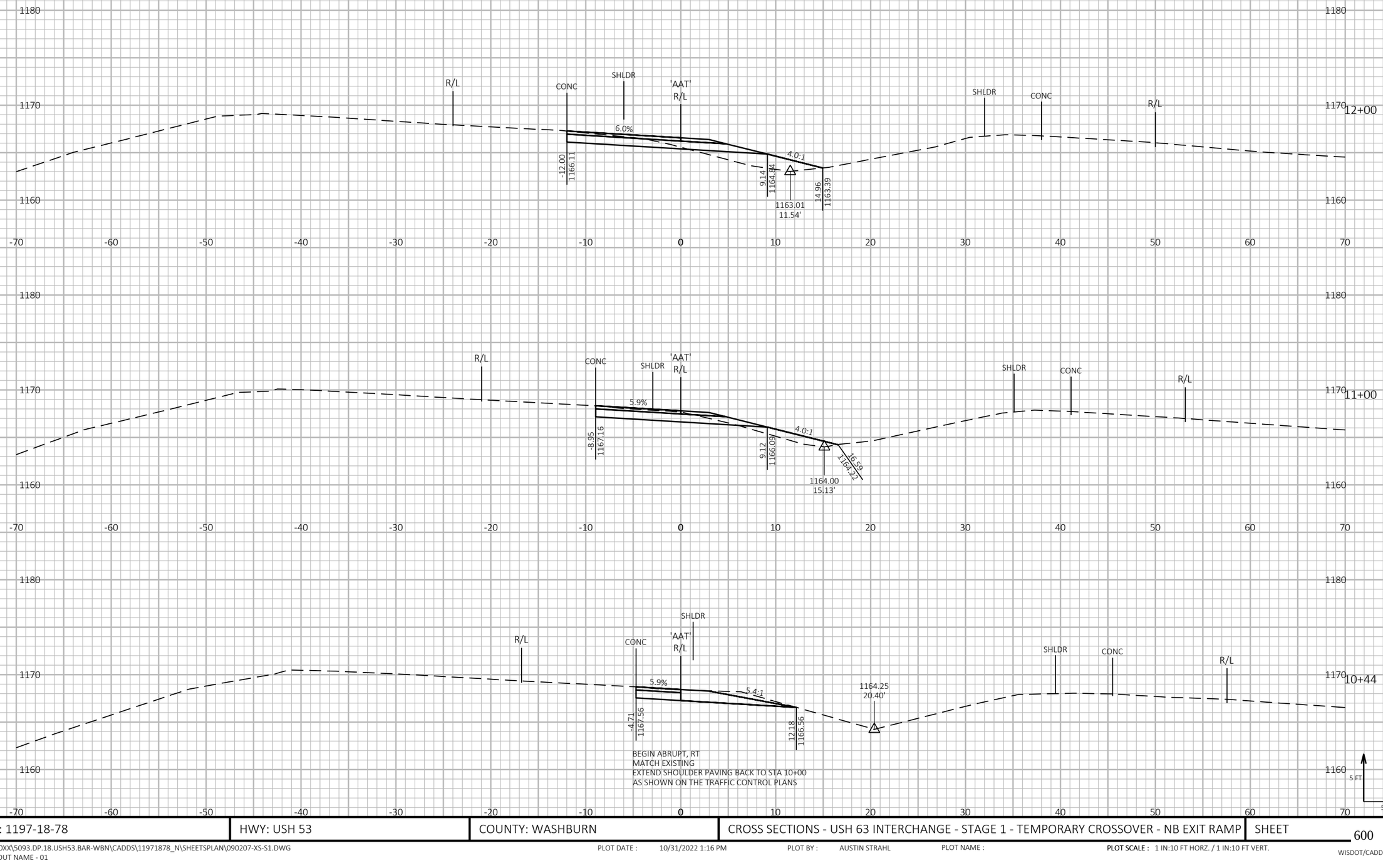
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 600	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090207-XS-S1.DWG
LAYOUT NAME - 01

PLOT DATE : 10/31/2022 1:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

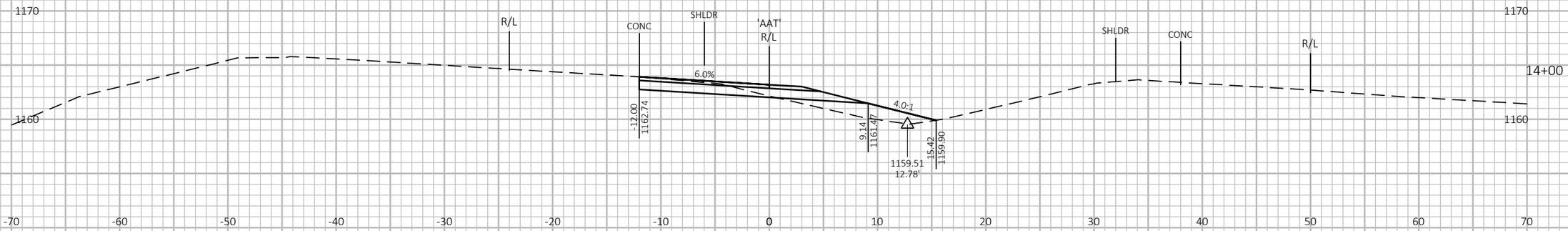
WISDOT/CADDS SHEET 49

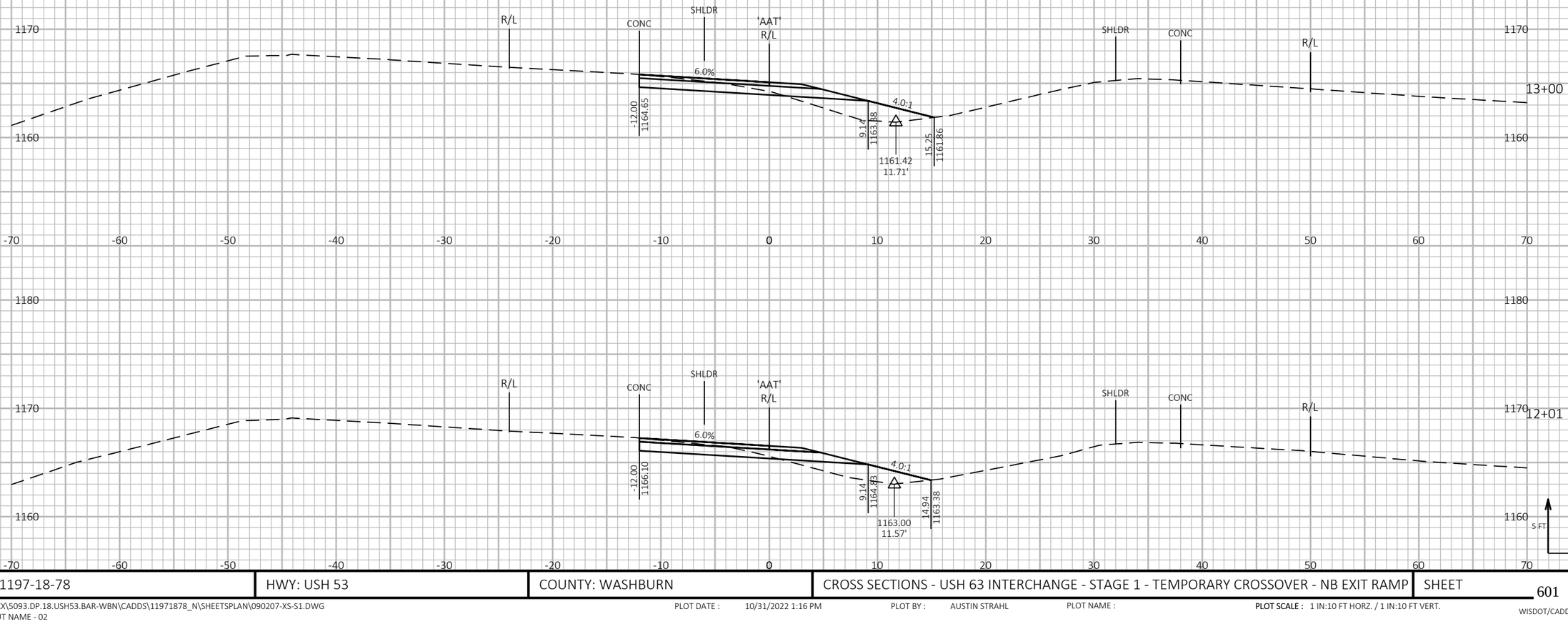
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 601	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090207-XS-S1.DWG
LAYOUT NAME - 02

PLOT DATE : 10/31/2022 1:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

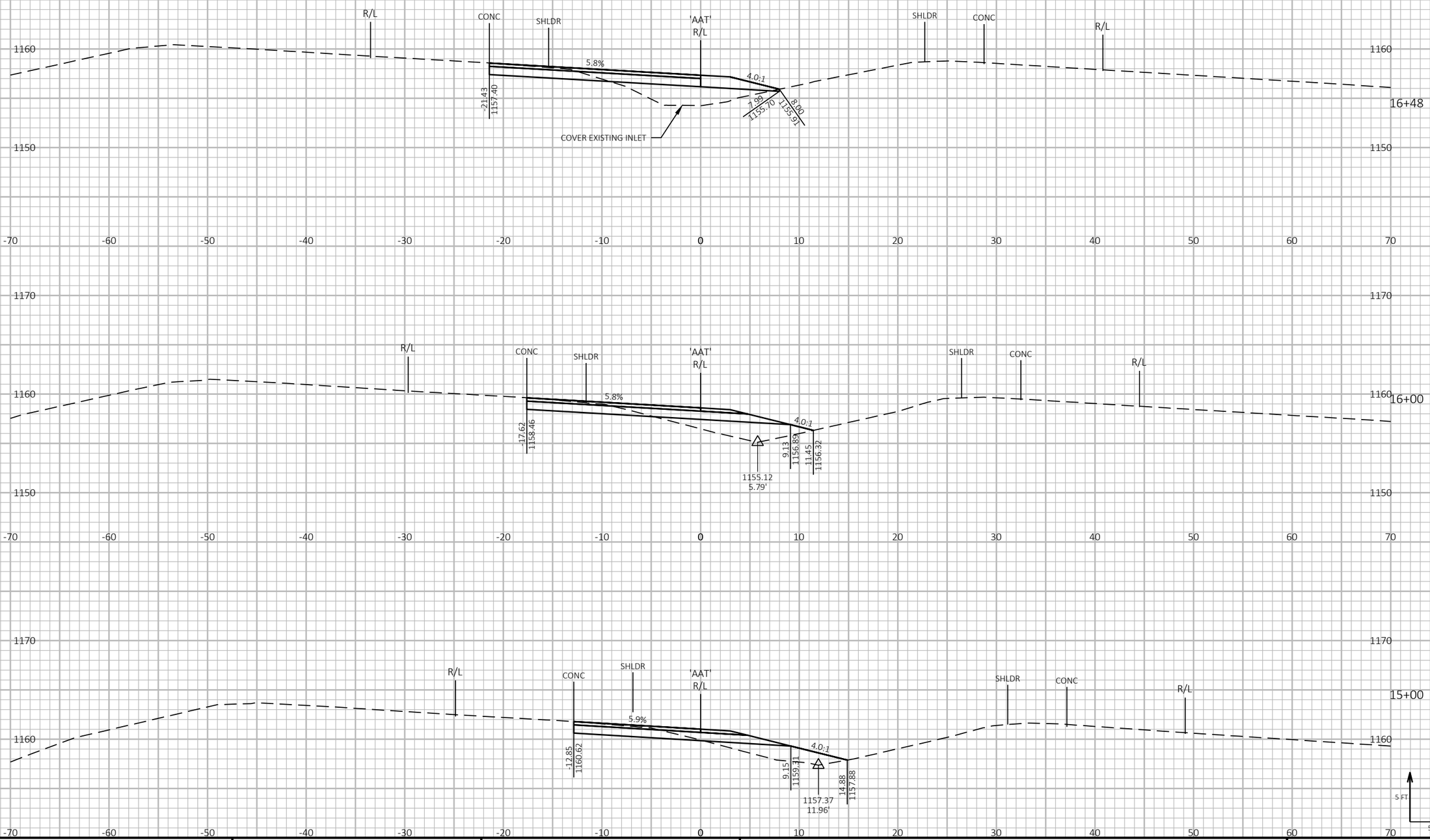
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 602	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090207-XS-S1.DWG
LAYOUT NAME - 03

PLOT DATE : 10/31/2022 1:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

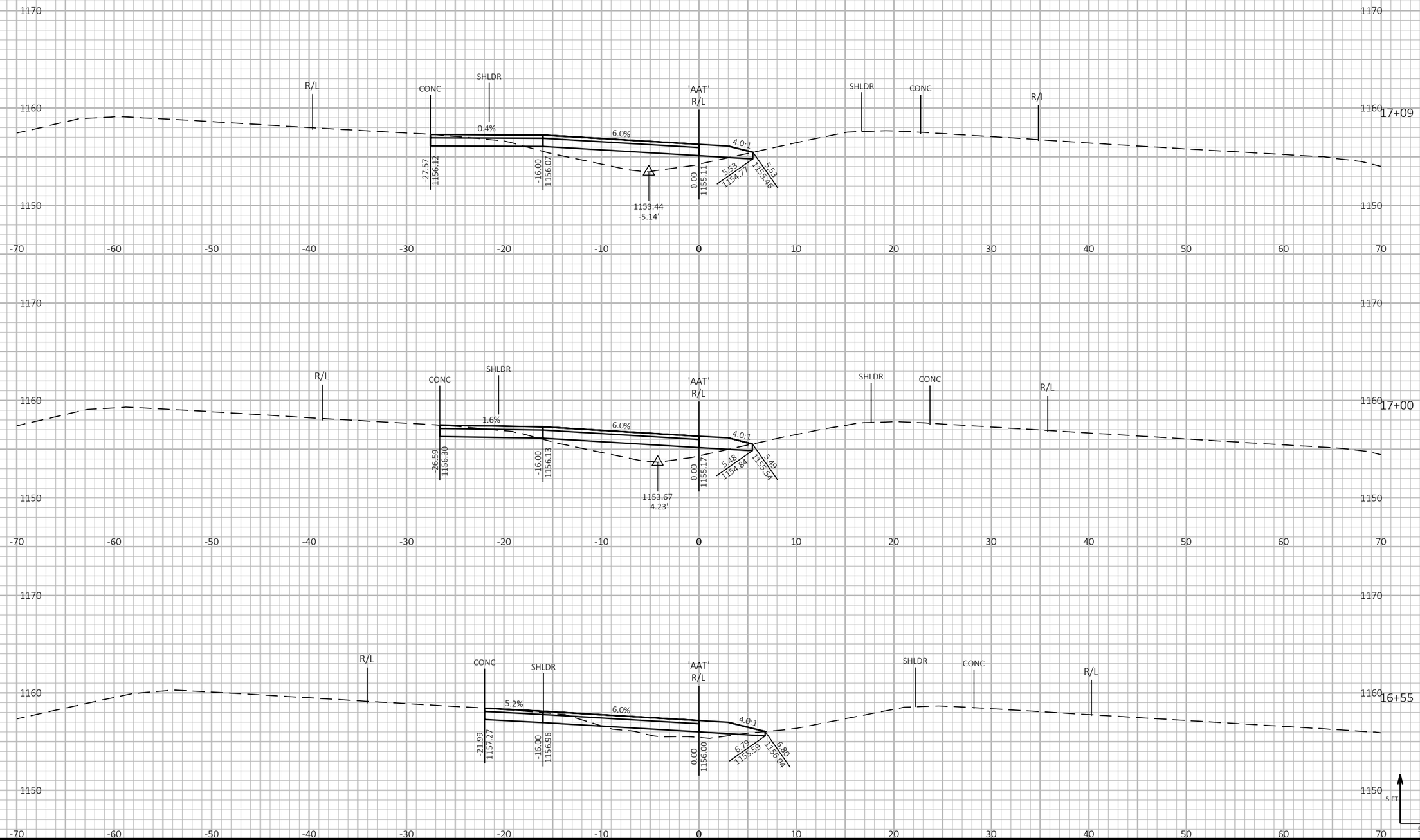
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 603	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090207-XS-S1.DWG
LAYOUT NAME - 04

PLOT DATE : 10/31/2022 1:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

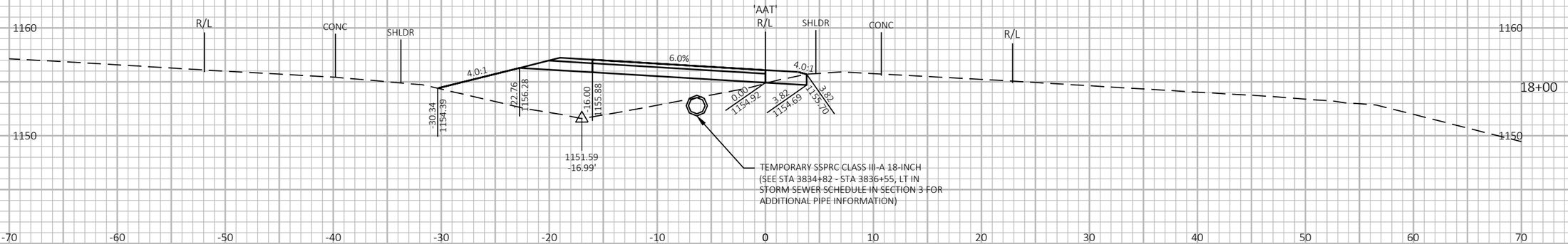
WISDOT/CADDS SHEET 49

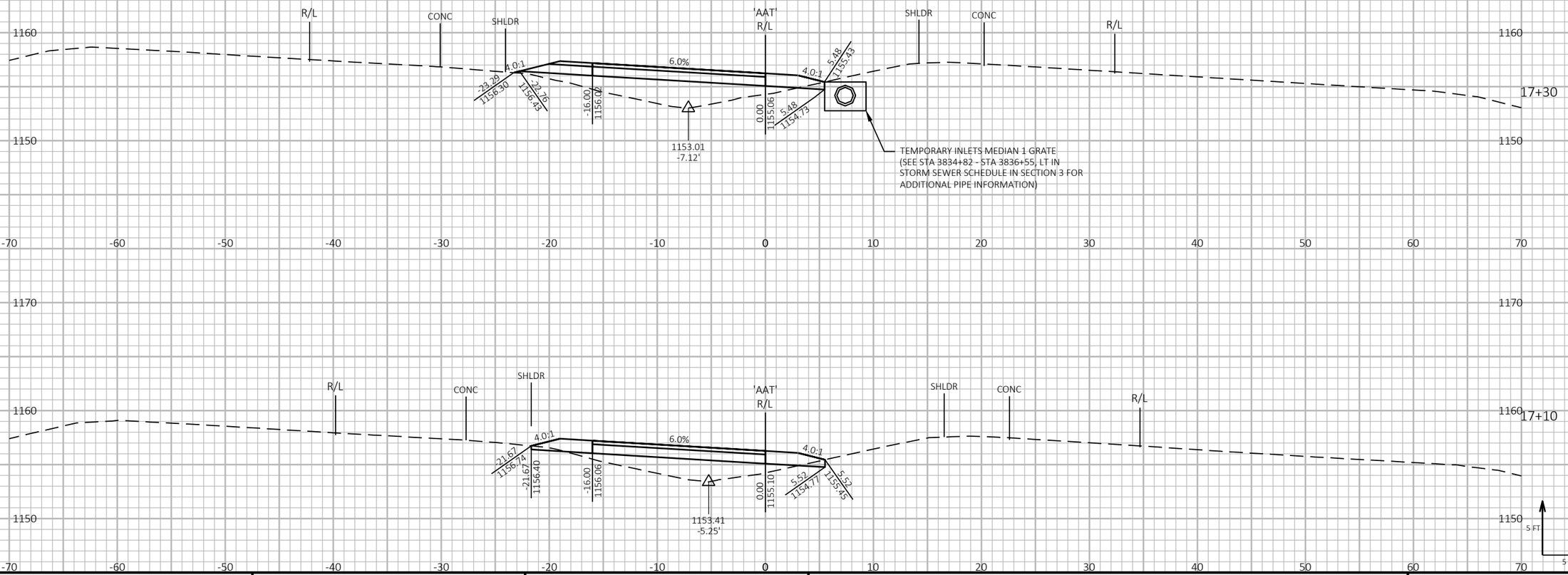
LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 604	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090207-XS-S1.DWG
LAYOUT NAME - 05

PLOT DATE : 10/31/2022 1:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

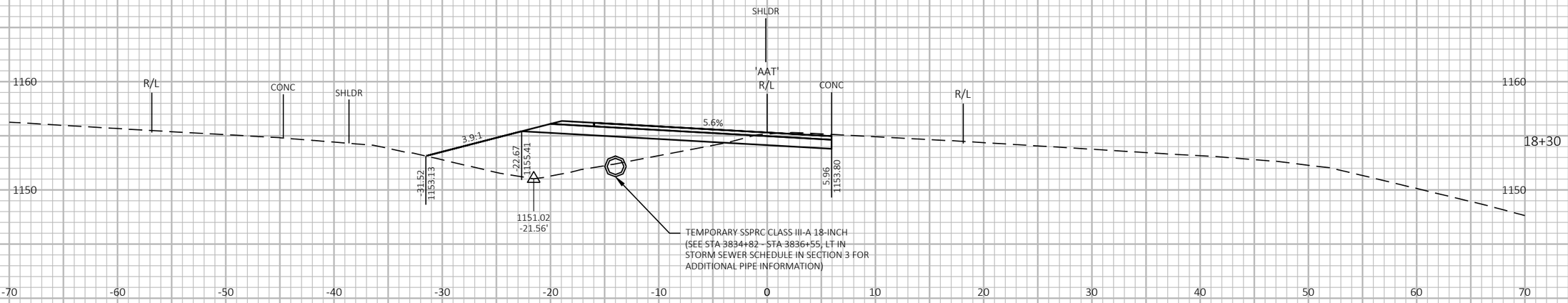
LEGEND

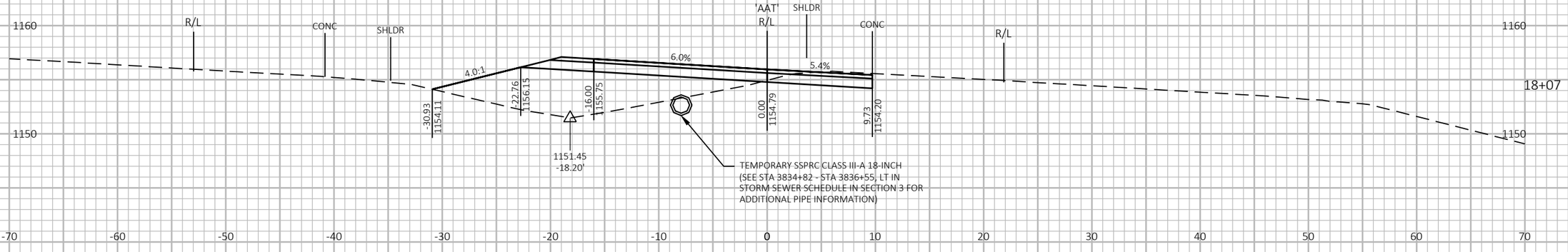
EXISTING GROUND

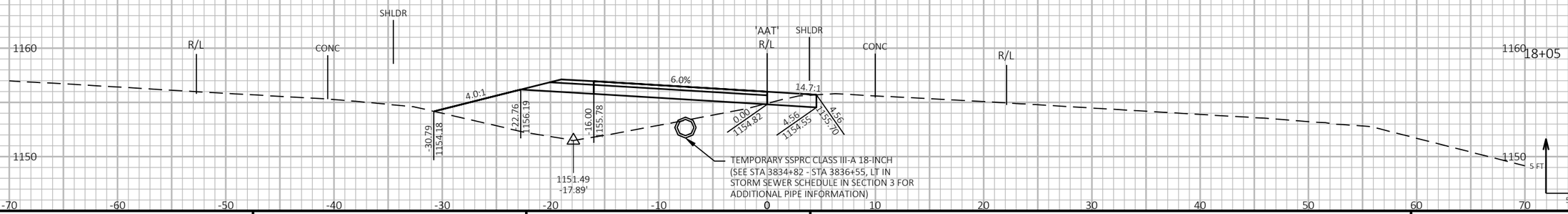
STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE
THE STAGE 1 CONSTRUCTION WILL MATCH EXISTING USH 53 NB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 2, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 2 TO MATCH PROPOSED USH 53 NB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 NB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 605	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090207-XS-S1.DWG
LAYOUT NAME - 06

PLOT DATE : 10/31/2022 1:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

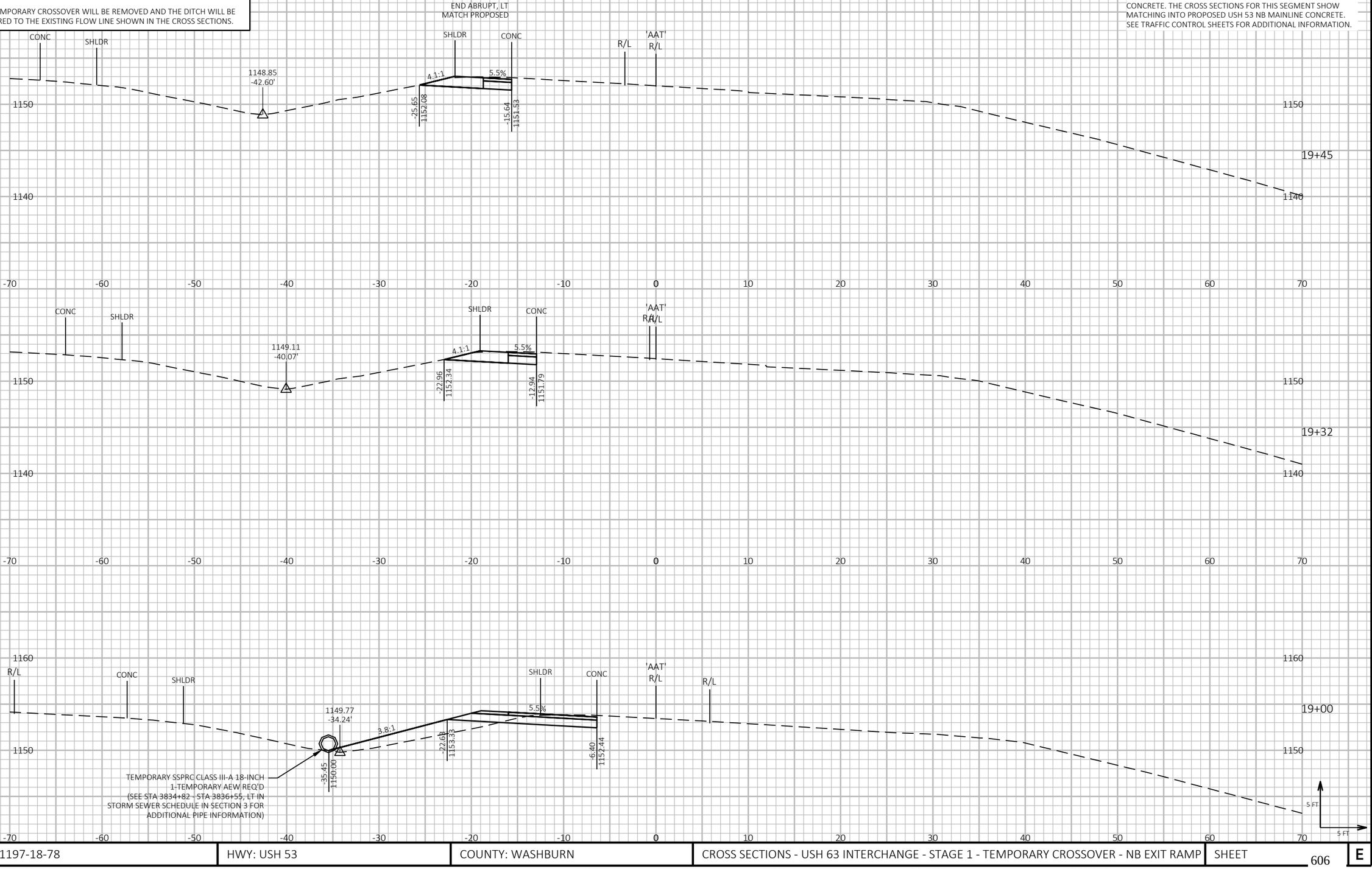
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE

THE STAGE 1 CONSTRUCTION WILL MATCH EXISTING USH 53 NB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 2, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 2 TO MATCH PROPOSED USH 53 NB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 NB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY CROSSOVER - NB EXIT RAMP	SHEET 606	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090207-XS-S1.DWG
LAYOUT NAME - 07

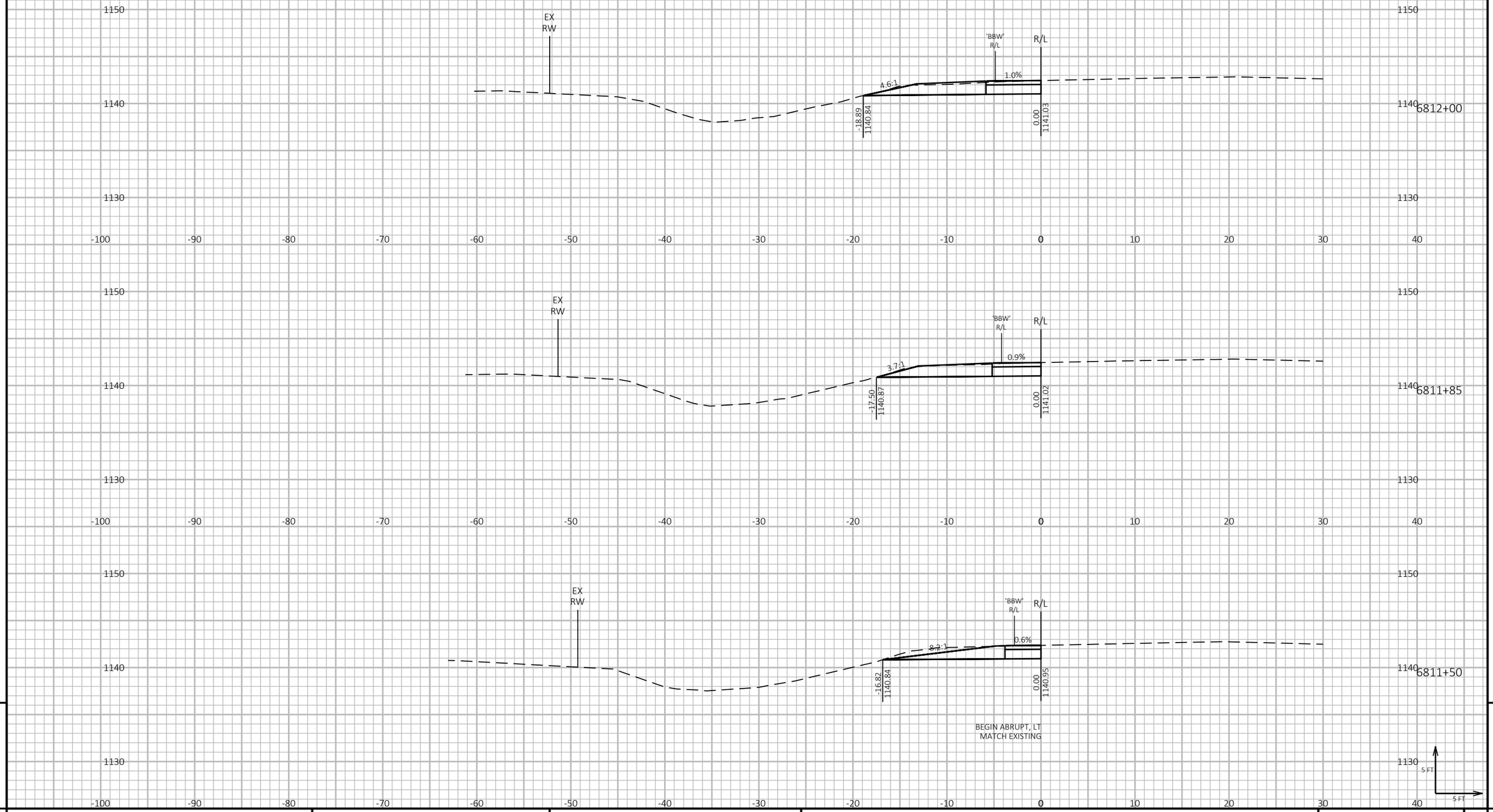
PLOT DATE : 10/31/2022 1:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 607	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 01

PLOT DATE : 2/24/2022 9:06 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

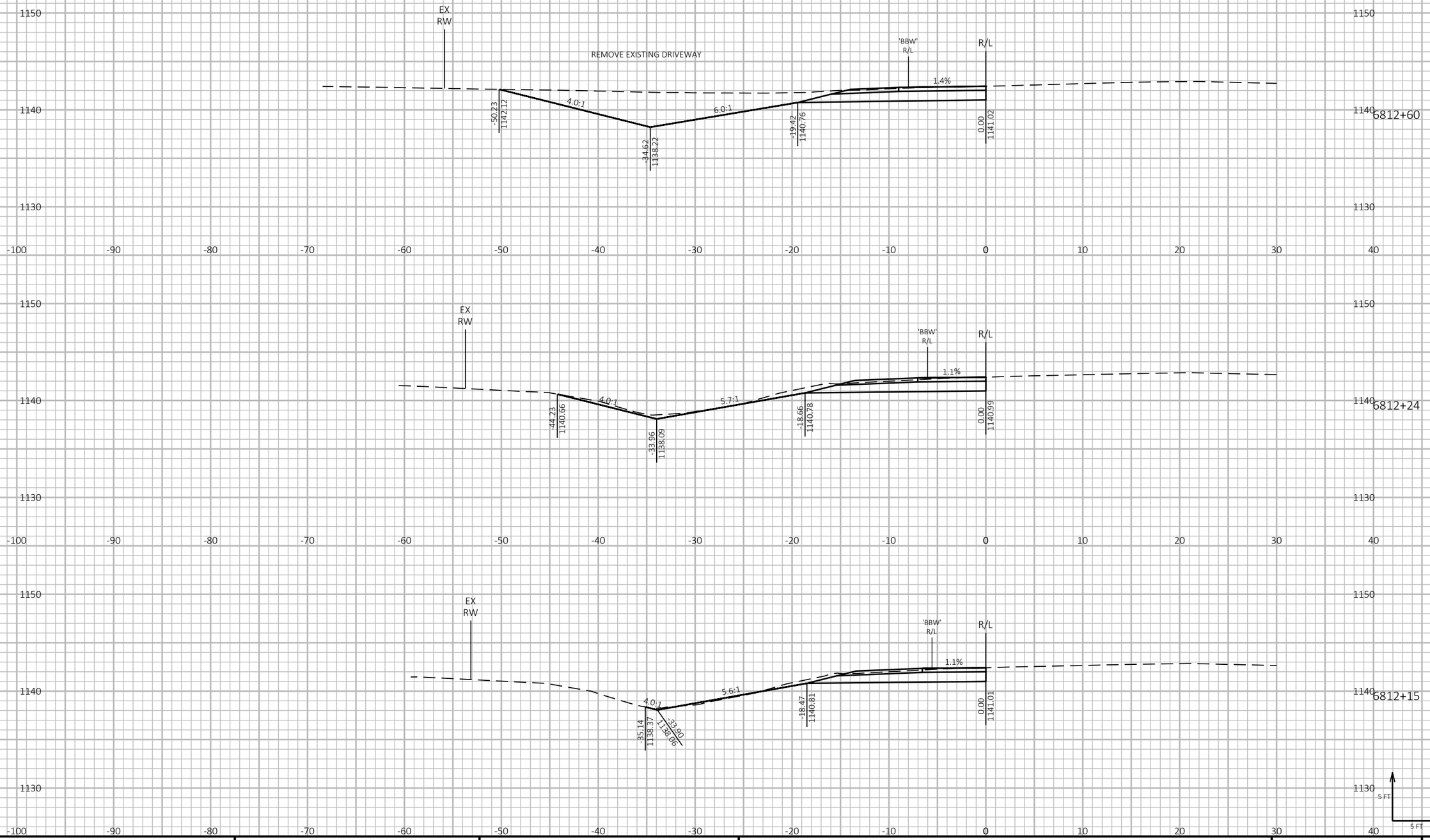
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 608	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 02

PLOT DATE : 2/24/2022 9:06 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

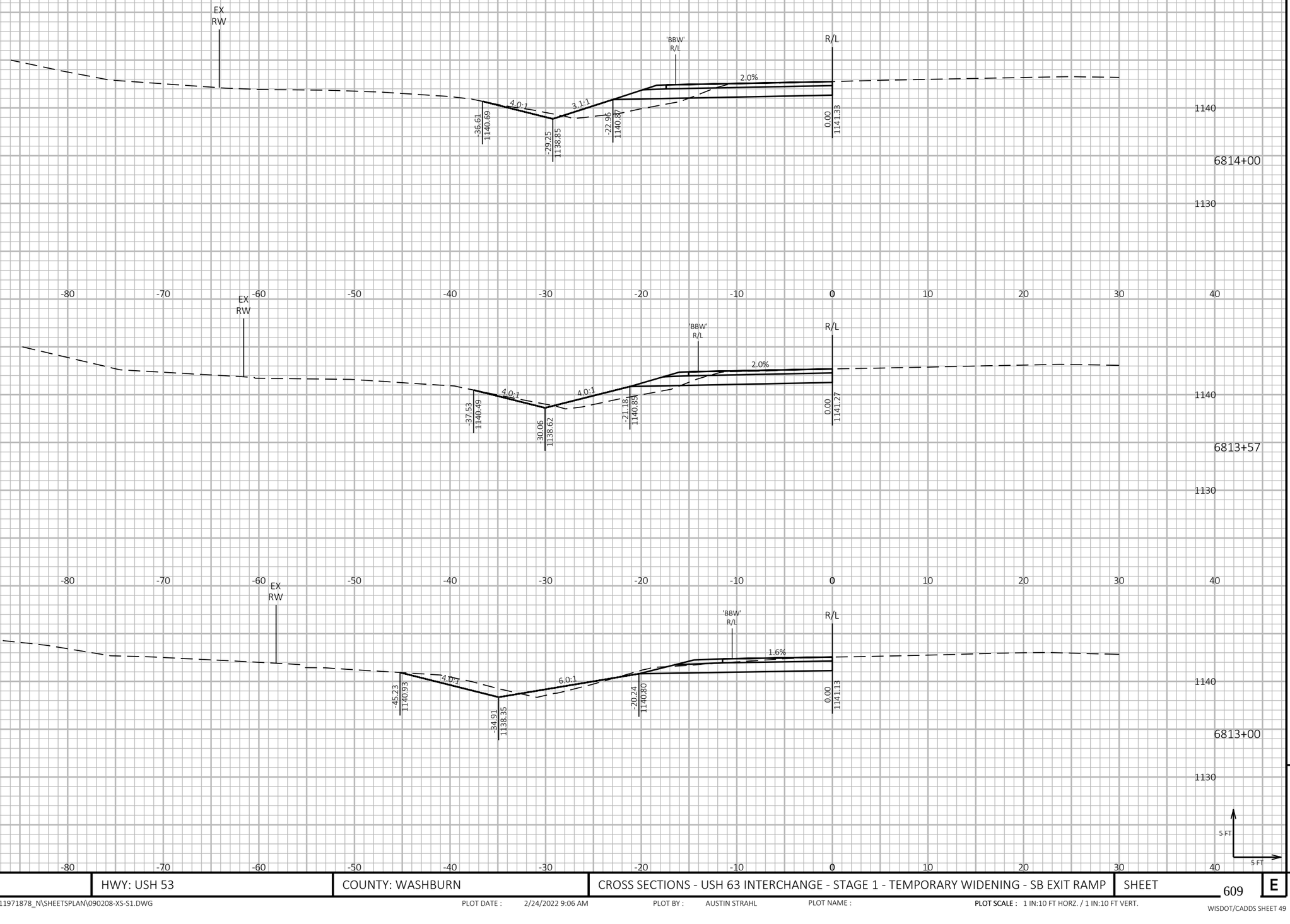
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 609	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 03

PLOT DATE : 2/24/2022 9:06 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 610	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 04

PLOT DATE : 2/24/2022 9:07 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

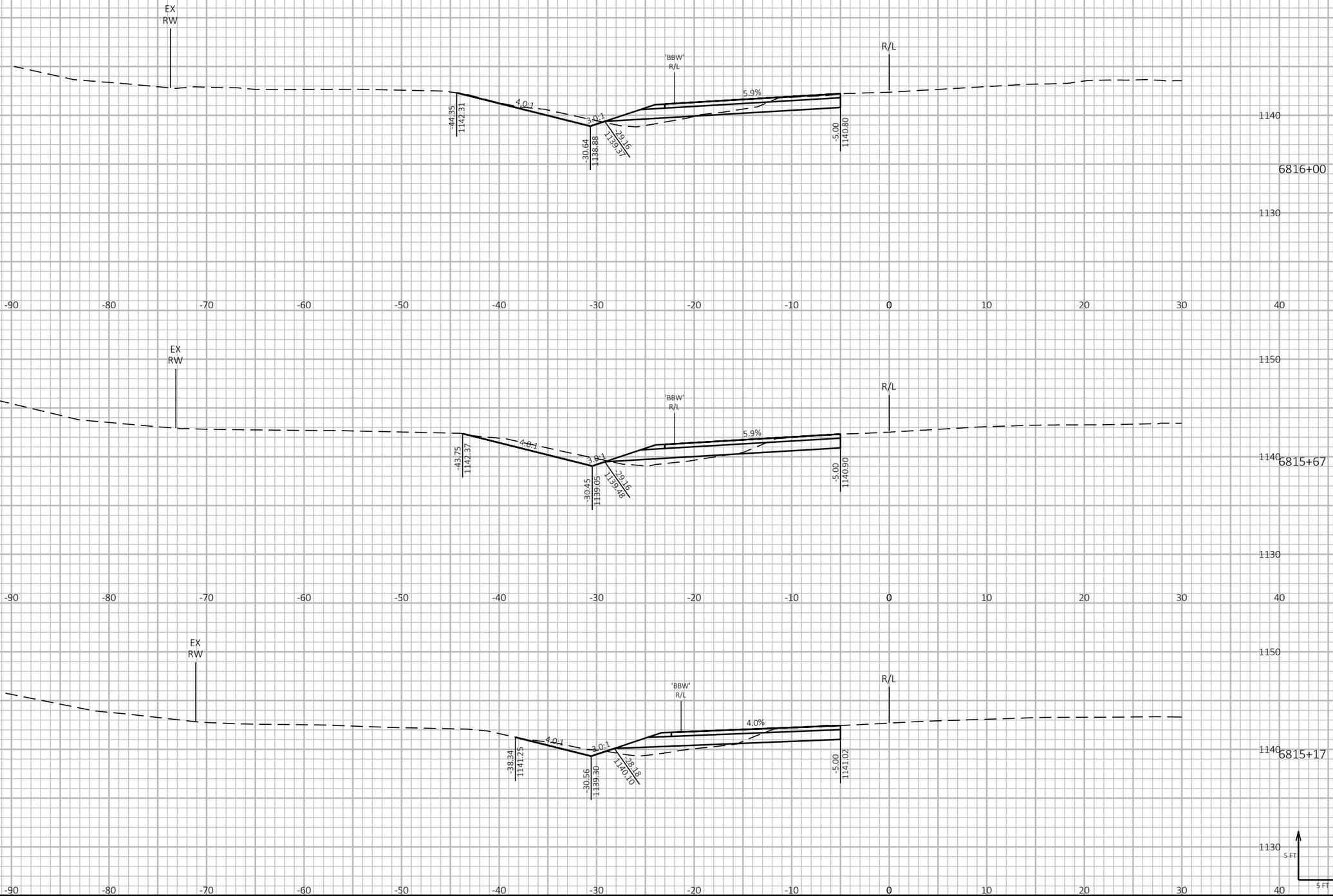
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 611	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 05

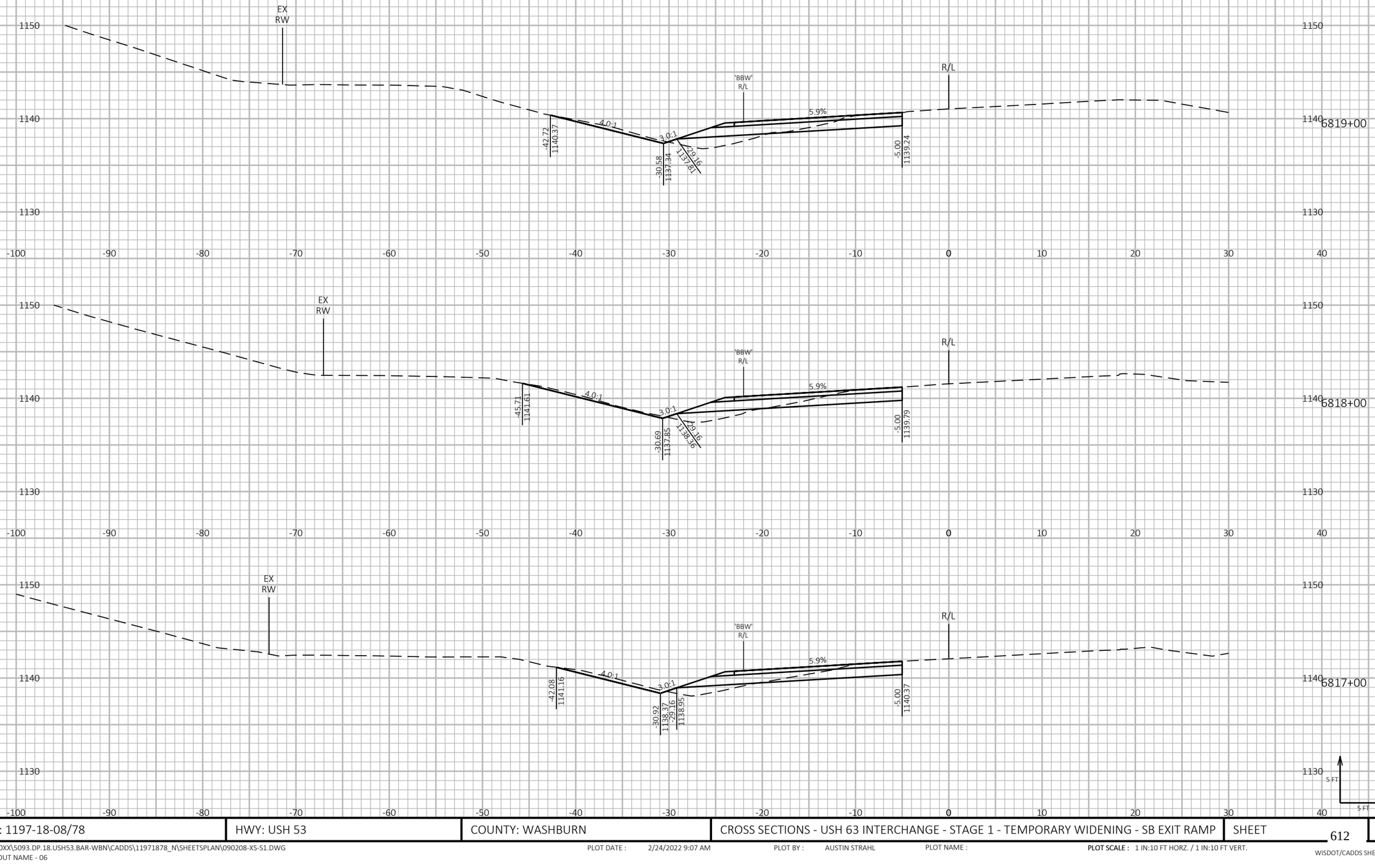
PLOT DATE : 2/24/2022 9:07 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 612	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 06

PLOT DATE : 2/24/2022 9:07 AM

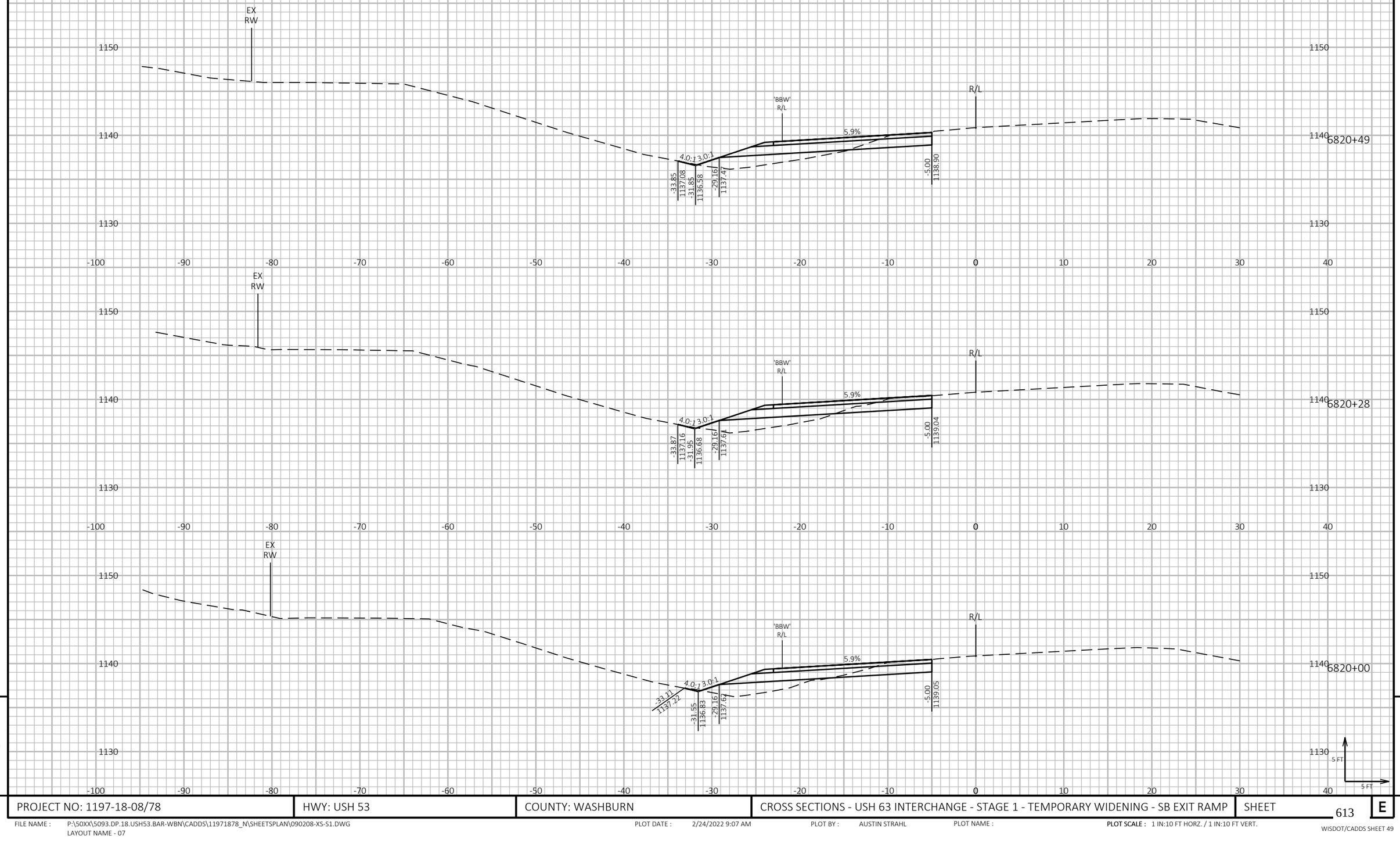
PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND
EXISTING GROUND
STAGE 1 CONSTRUCTION



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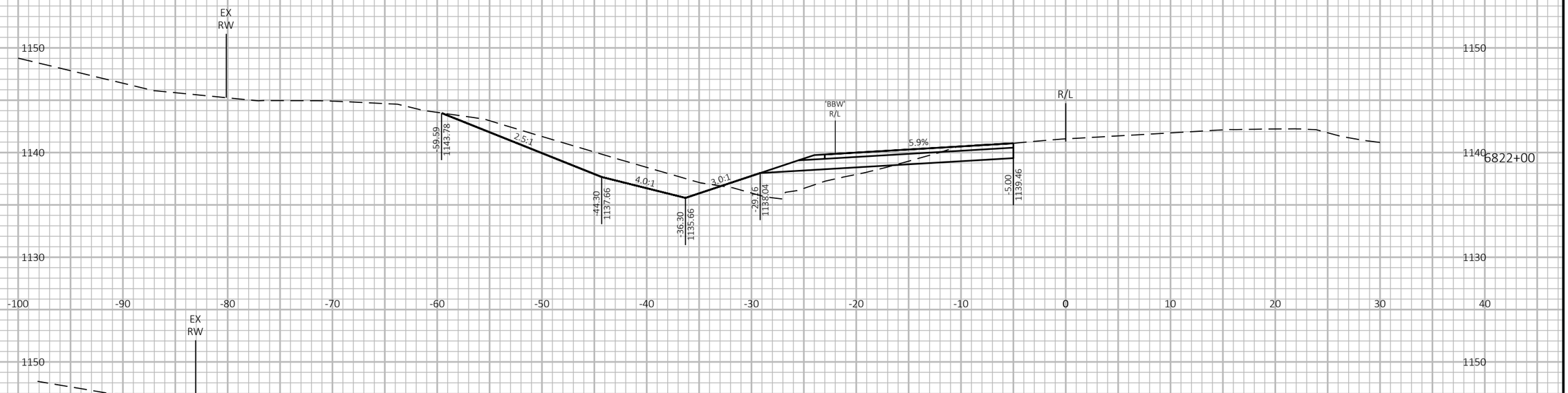
PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 613	E

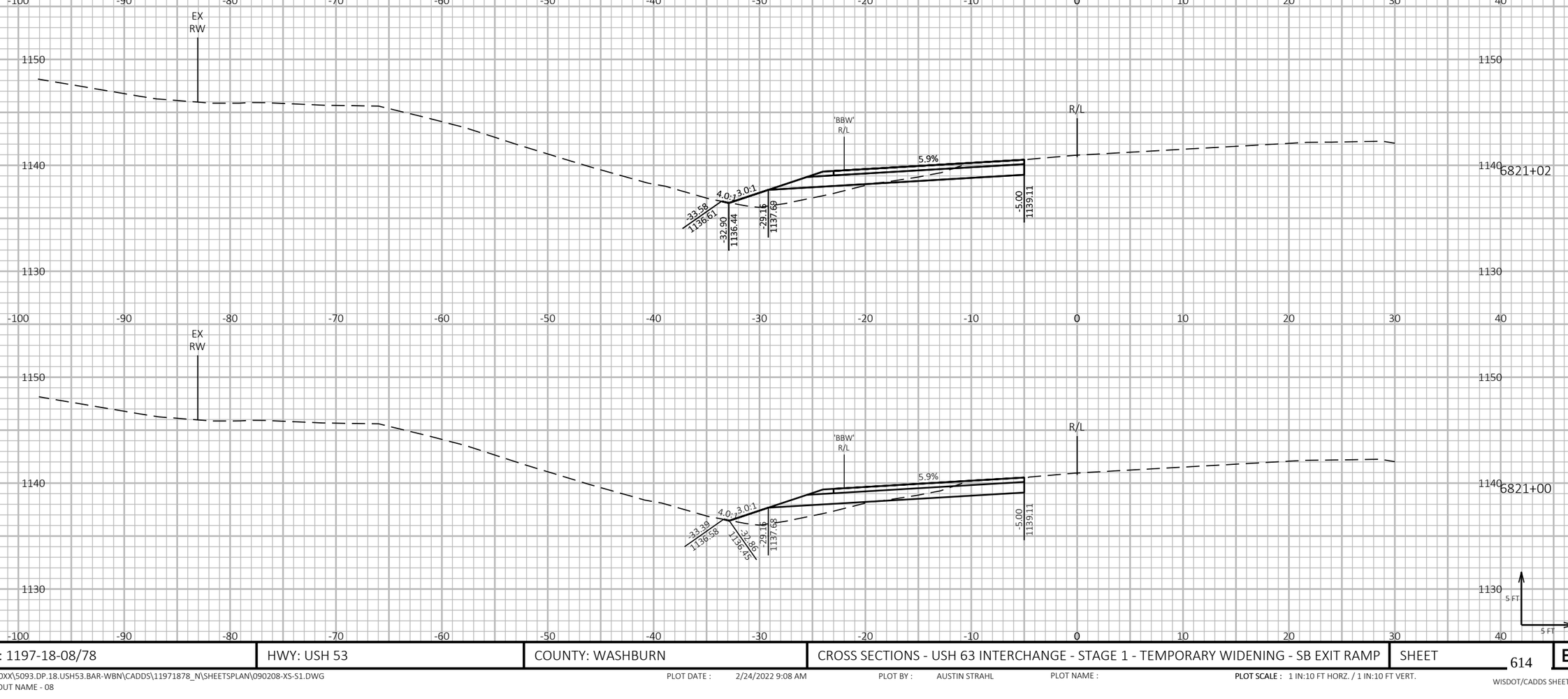
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 07

PLOT DATE : 2/24/2022 9:07 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND
EXISTING GROUND
STAGE 1 CONSTRUCTION





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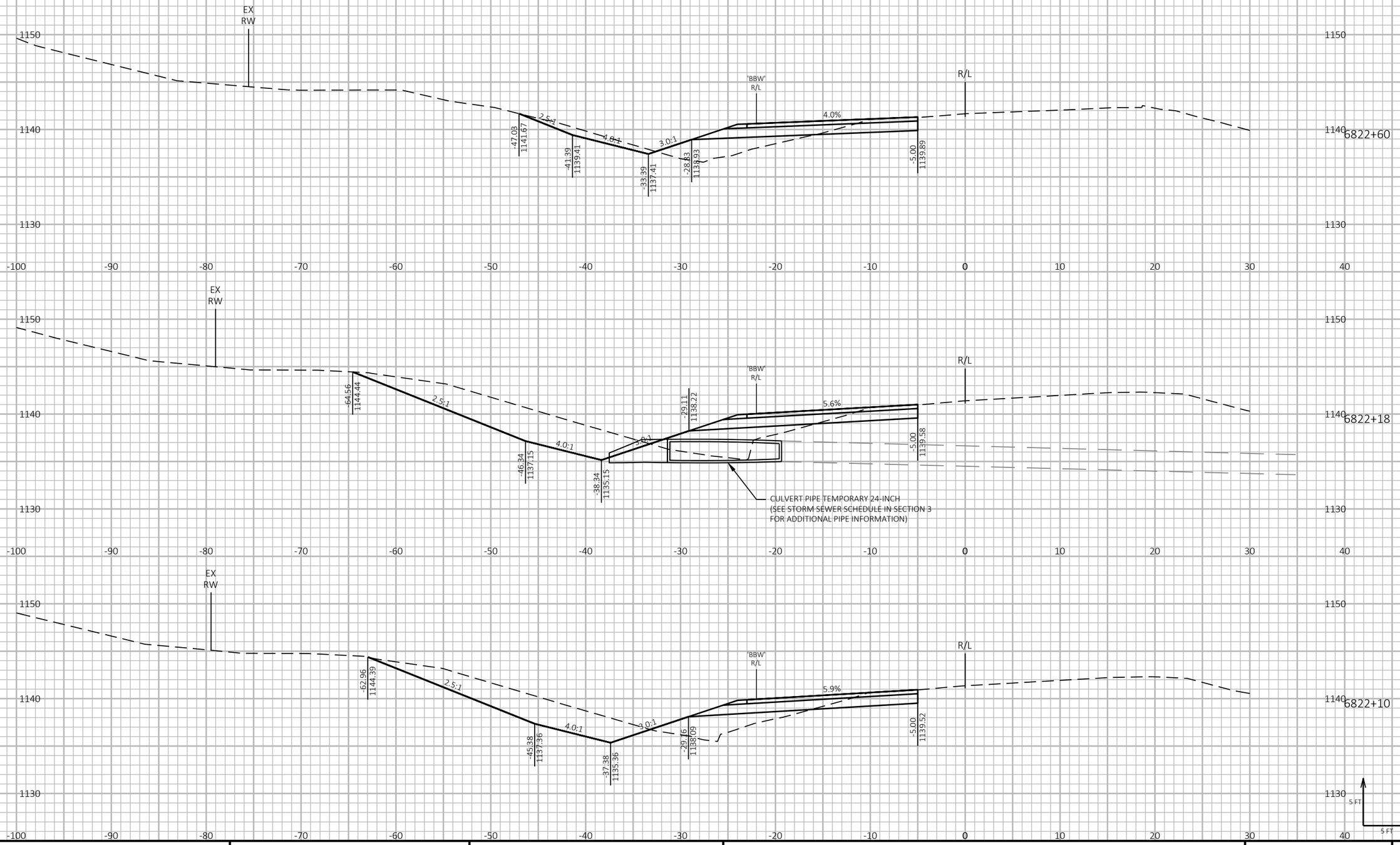
PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 614	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 08

PLOT DATE : 2/24/2022 9:08 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND
EXISTING GROUND
STAGE 1 CONSTRUCTION



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 615	E

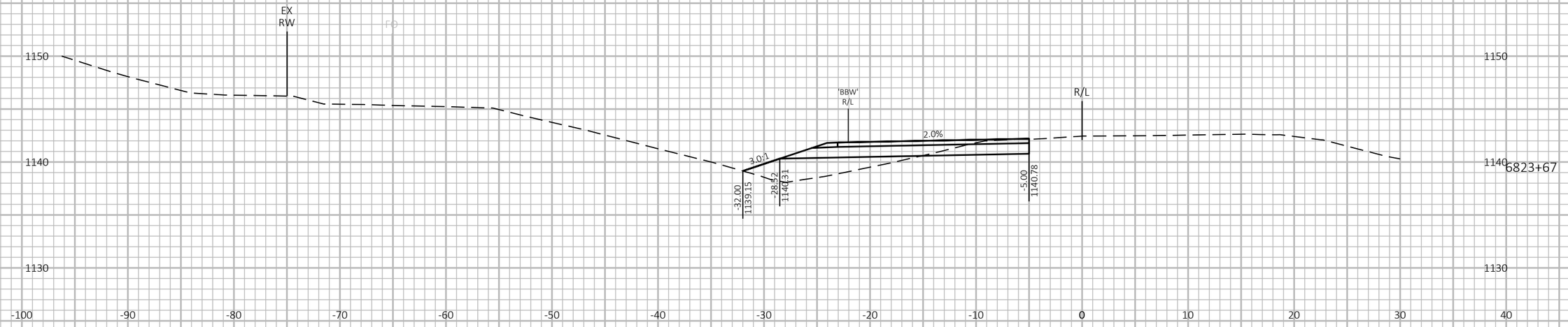
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 09

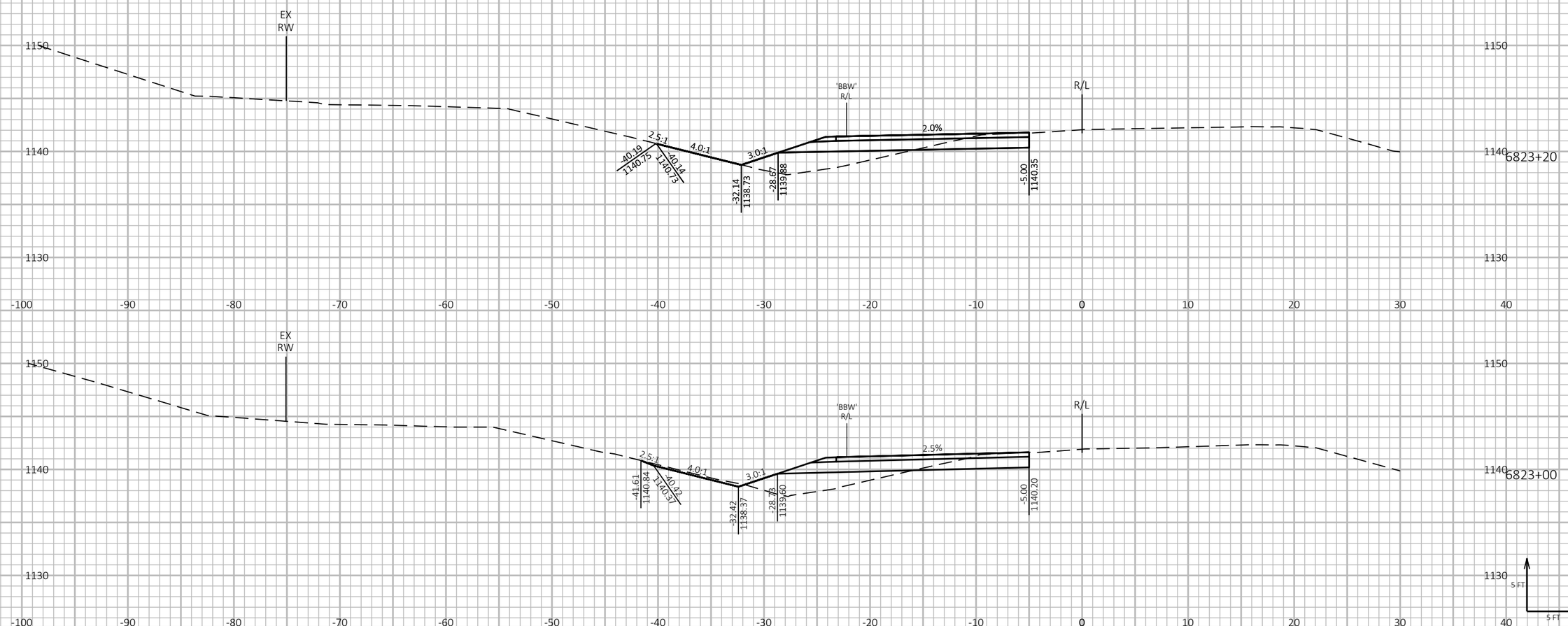
PLOT DATE : 2/24/2022 9:08 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND
EXISTING GROUND
STAGE 1 CONSTRUCTION





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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 616	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 10

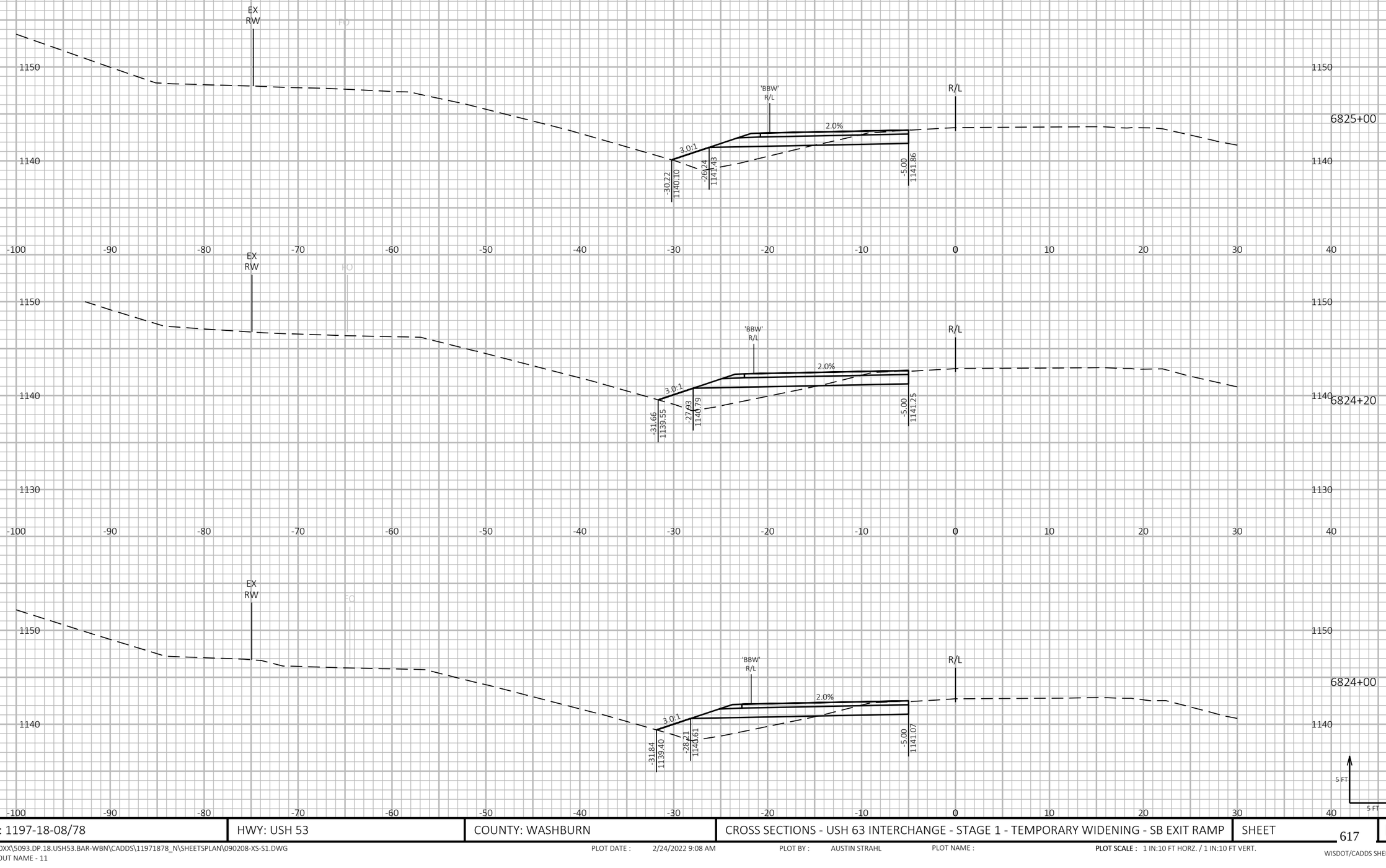
PLOT DATE : 2/24/2022 9:08 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 617	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 11

PLOT DATE : 2/24/2022 9:08 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

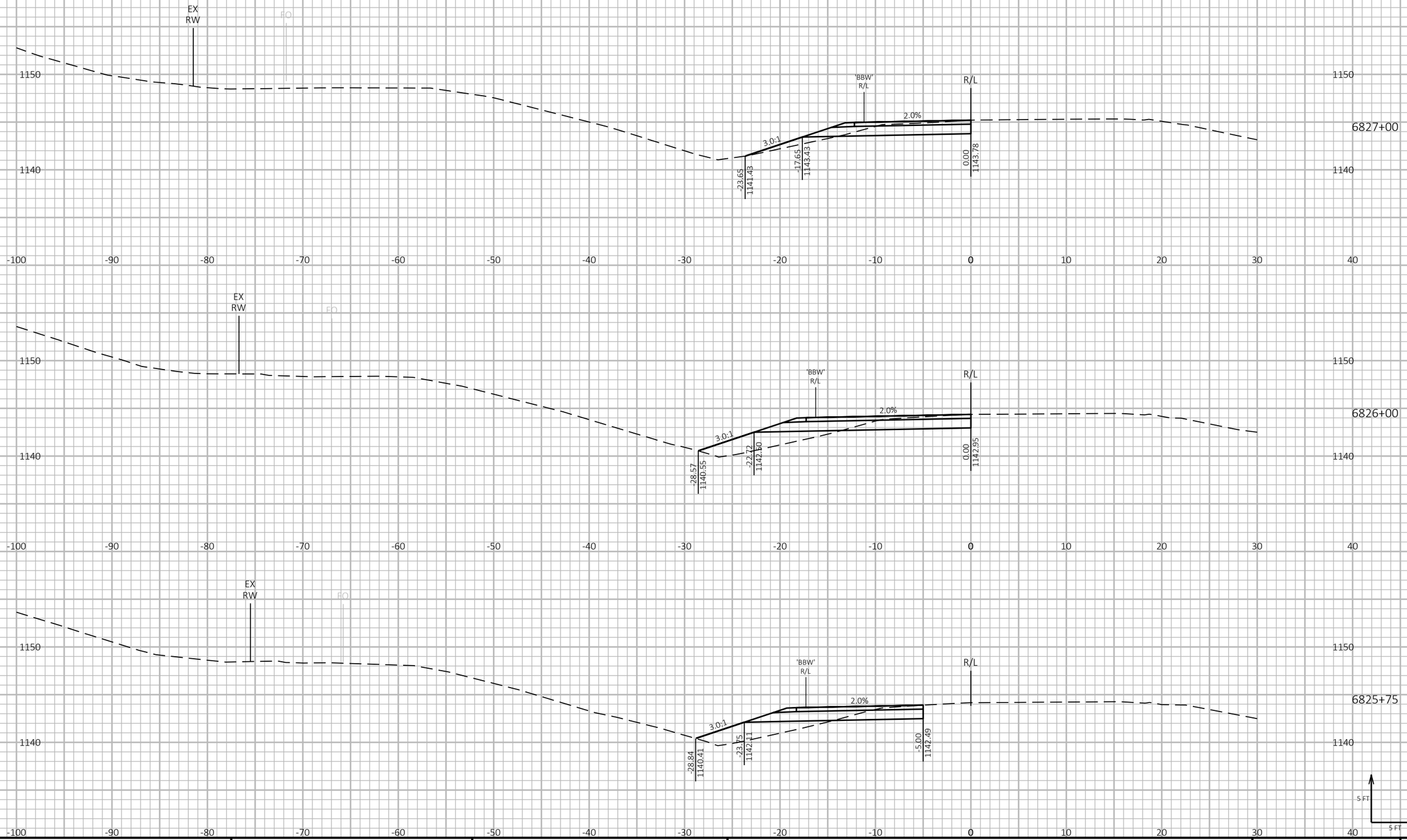
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 618	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 12

PLOT DATE : 2/24/2022 9:08 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

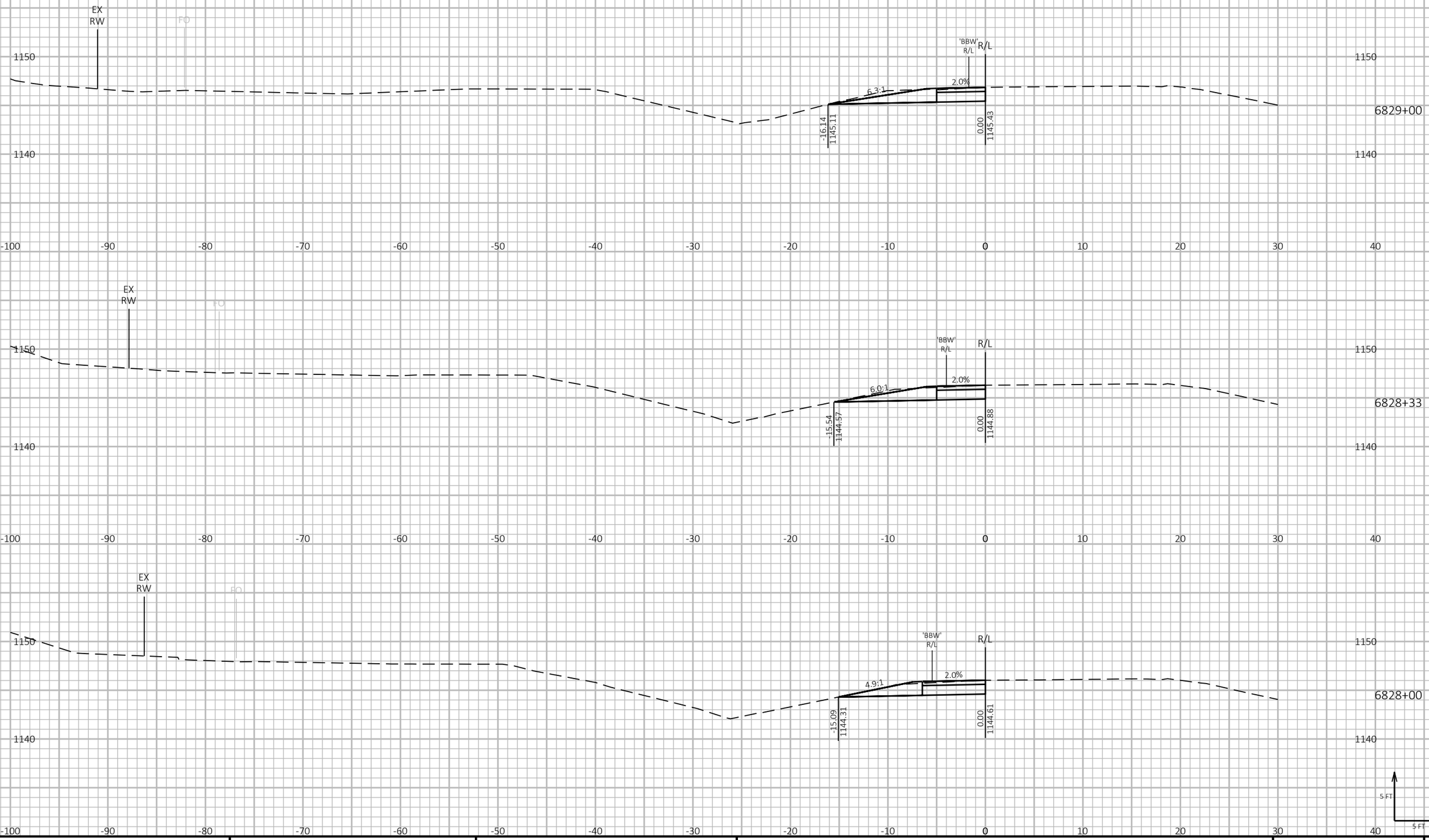
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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9

PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 619	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 13

PLOT DATE : 2/24/2022 9:09 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

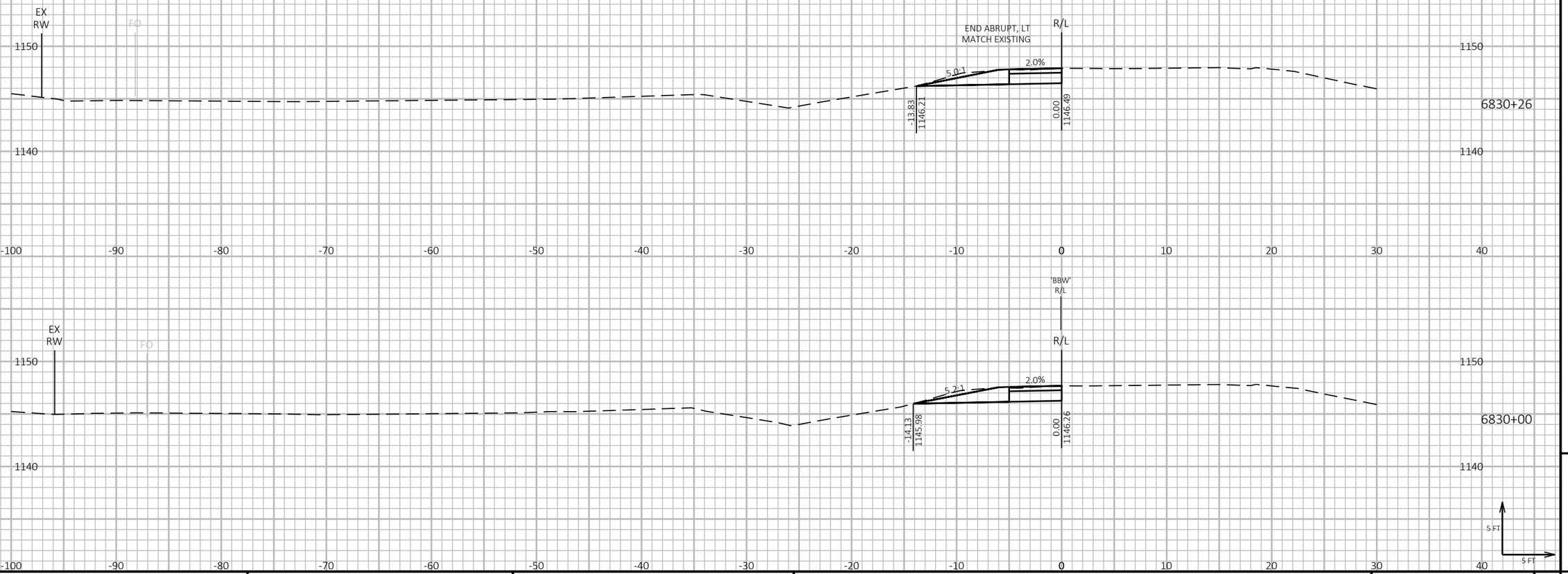
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION



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9

PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 INTERCHANGE - STAGE 1 - TEMPORARY WIDENING - SB EXIT RAMP	SHEET 620	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090208-XS-S1.DWG
LAYOUT NAME - 14

PLOT DATE : 2/24/2022 9:09 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

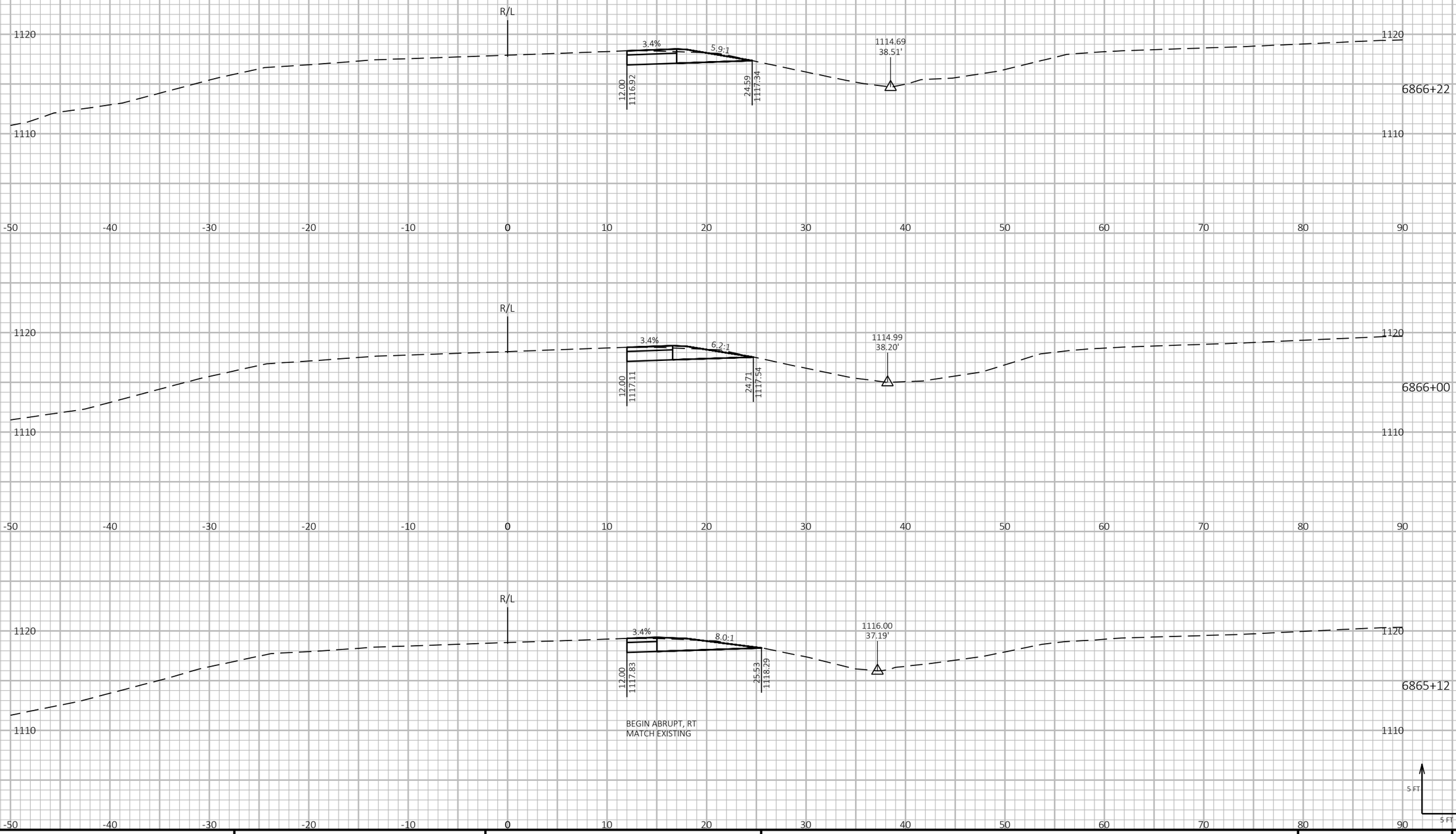
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH A)	SHEET 621	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090209-XS-S1.DWG
LAYOUT NAME - 01

PLOT DATE : 10/7/2022 10:08 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

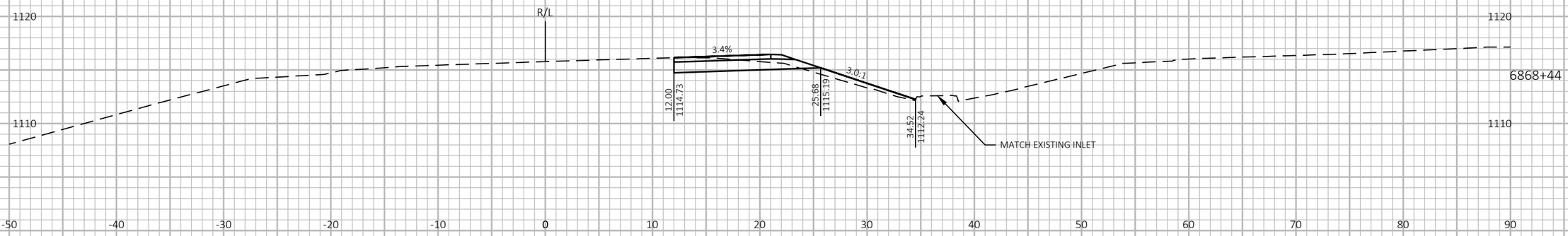
WISDOT/CADDS SHEET 49

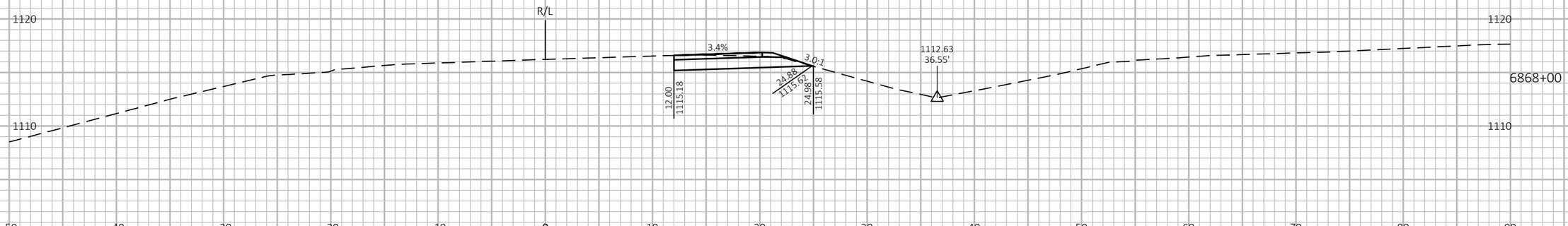
LEGEND

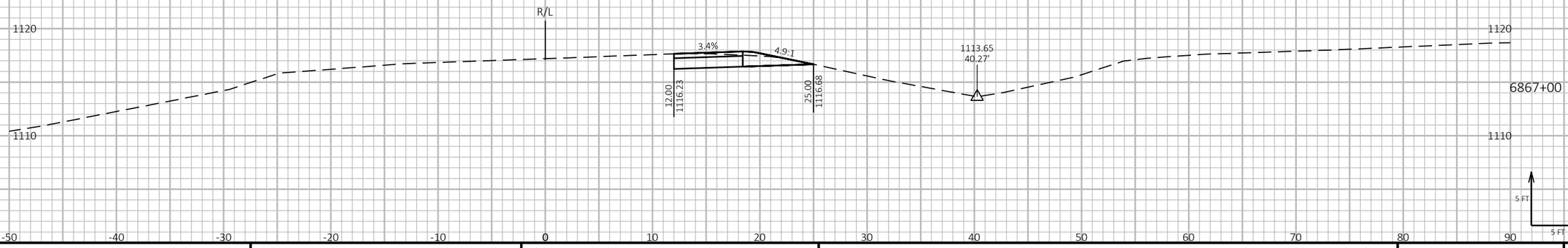
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH A)	SHEET 622	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090209-XS-S1.DWG
LAYOUT NAME - 02

PLOT DATE : 10/7/2022 10:08 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

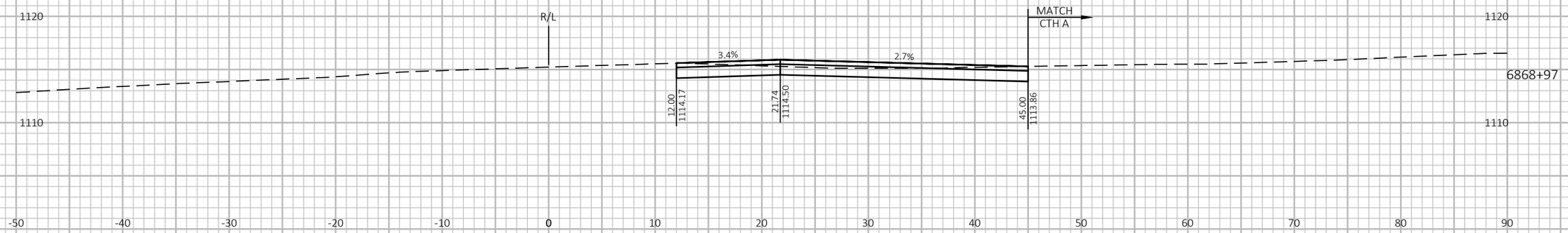
WISDOT/CADDS SHEET 49

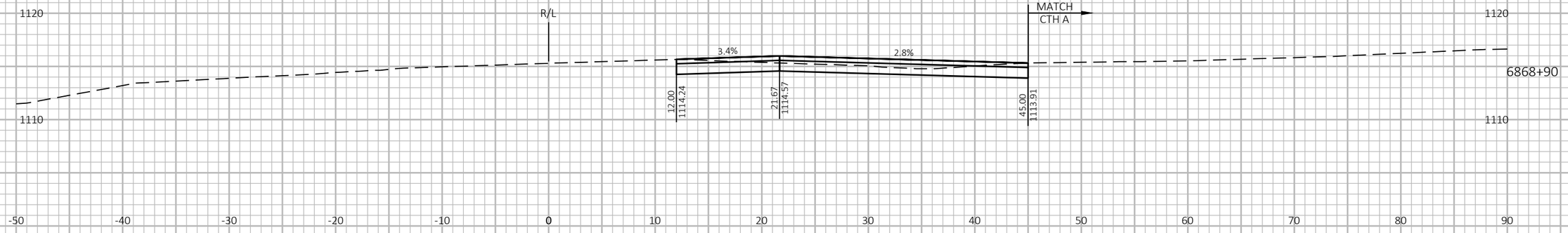
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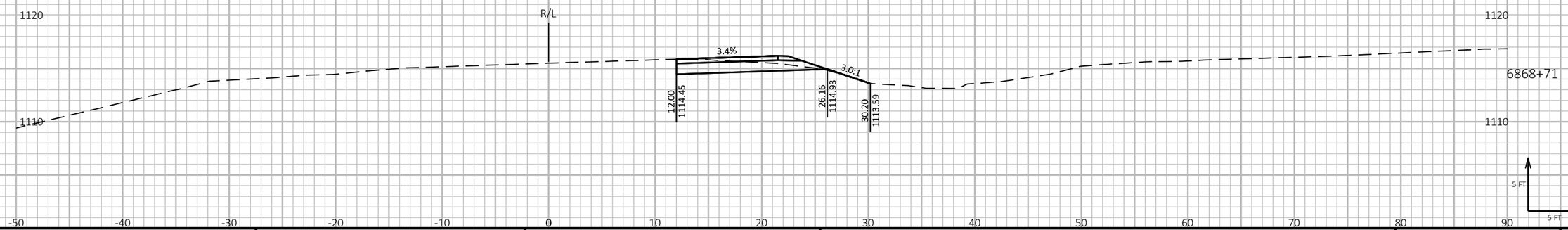
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH A)	SHEET 623	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090209-XS-S1.DWG
LAYOUT NAME - 03

PLOT DATE : 10/7/2022 10:08 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

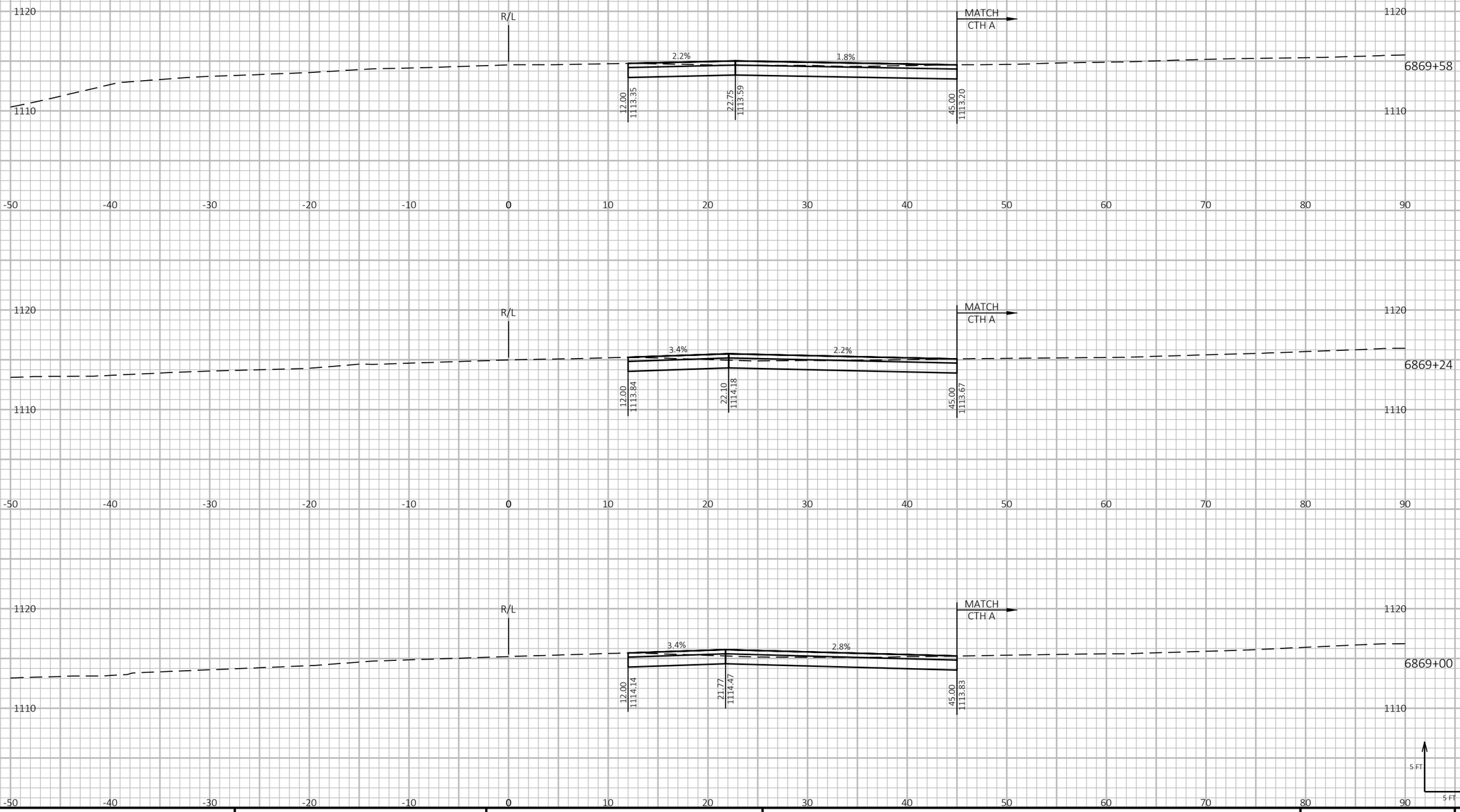
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH A)	SHEET 624	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090209-XS-S1.DWG
LAYOUT NAME - 04

PLOT DATE : 10/7/2022 10:08 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

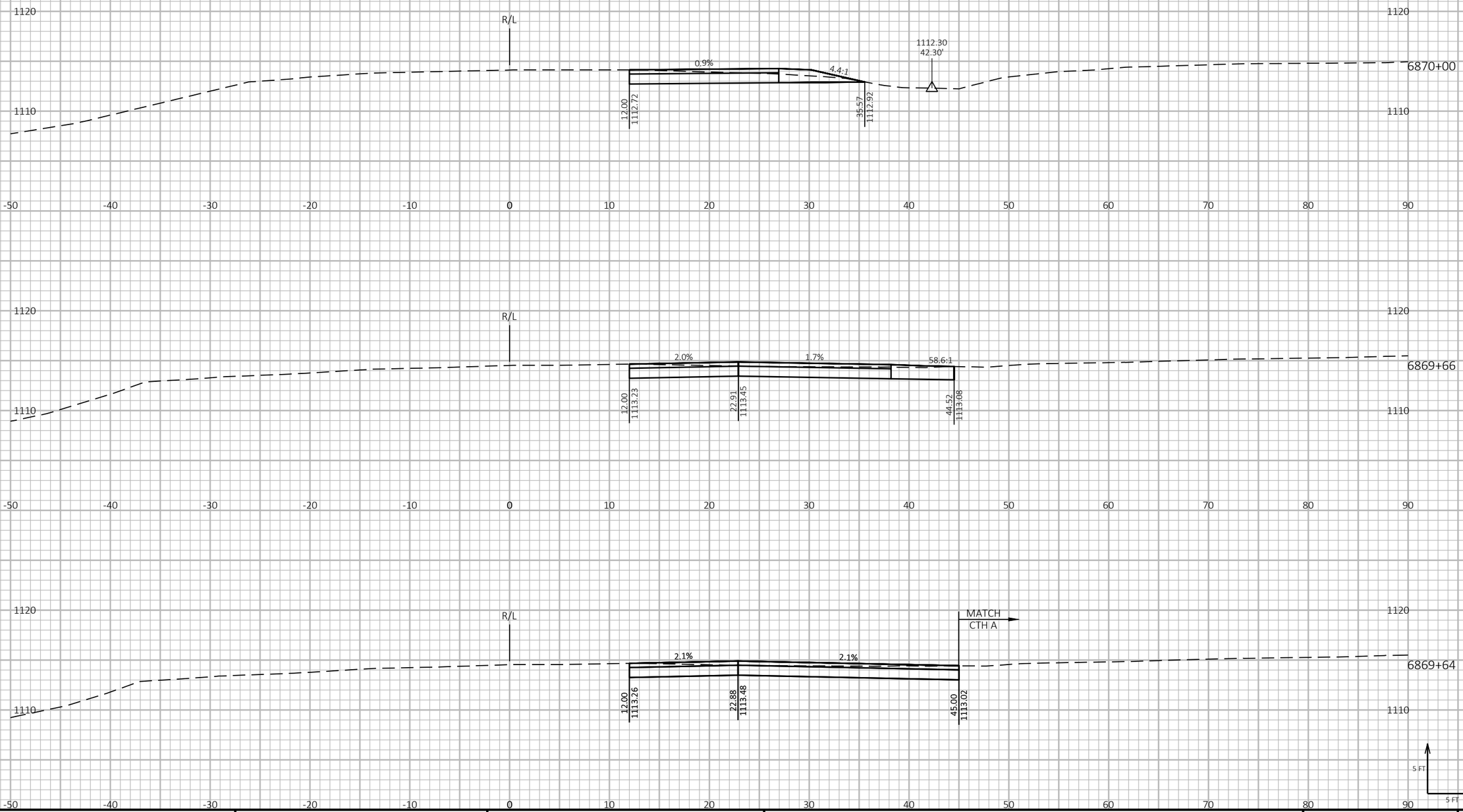
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH A)	SHEET 625	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090209-XS-S1.DWG
LAYOUT NAME - 05

PLOT DATE : 10/7/2022 10:08 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

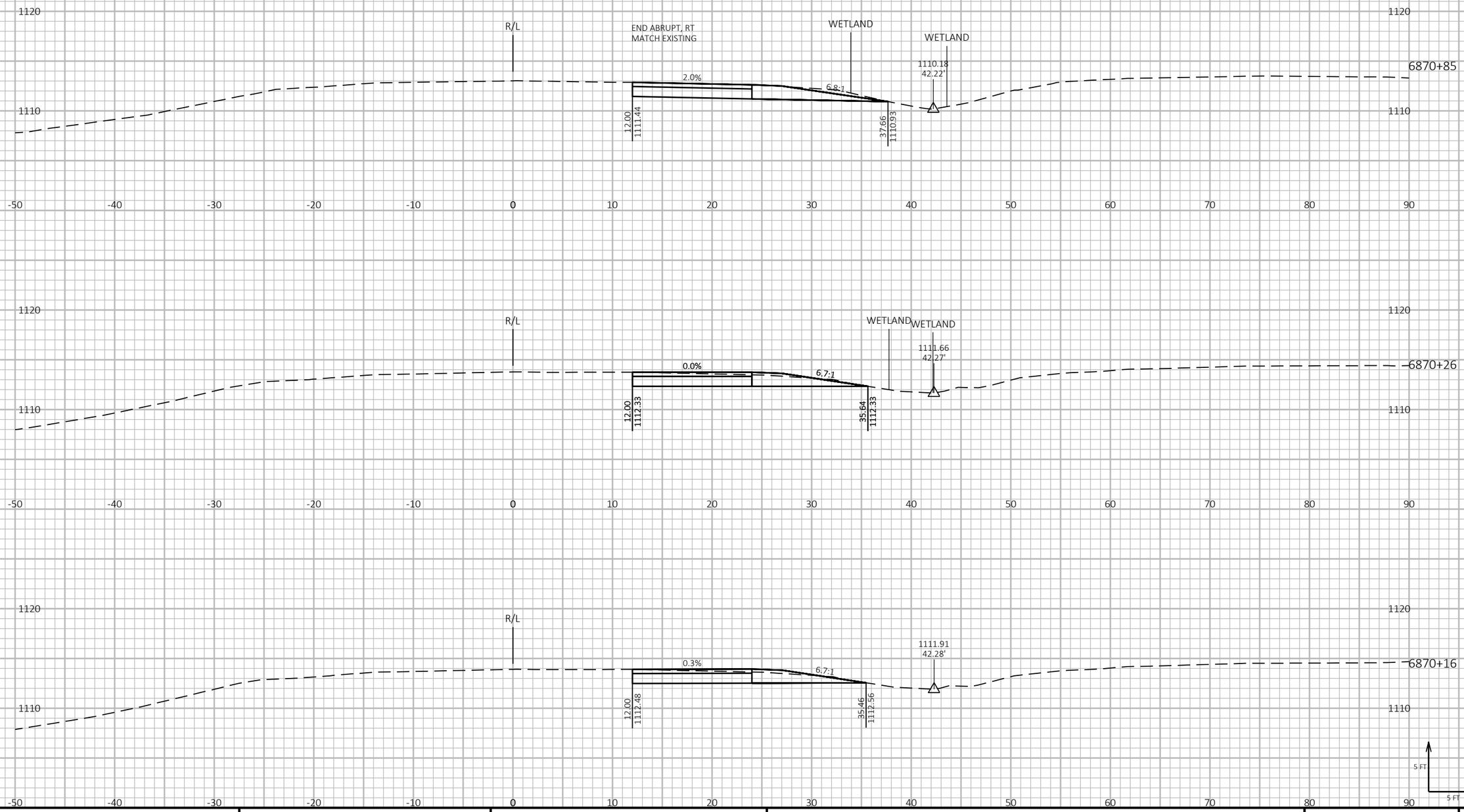
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH A)	SHEET 626	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090209-XS-S1.DWG
LAYOUT NAME - 06

PLOT DATE : 10/7/2022 10:09 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

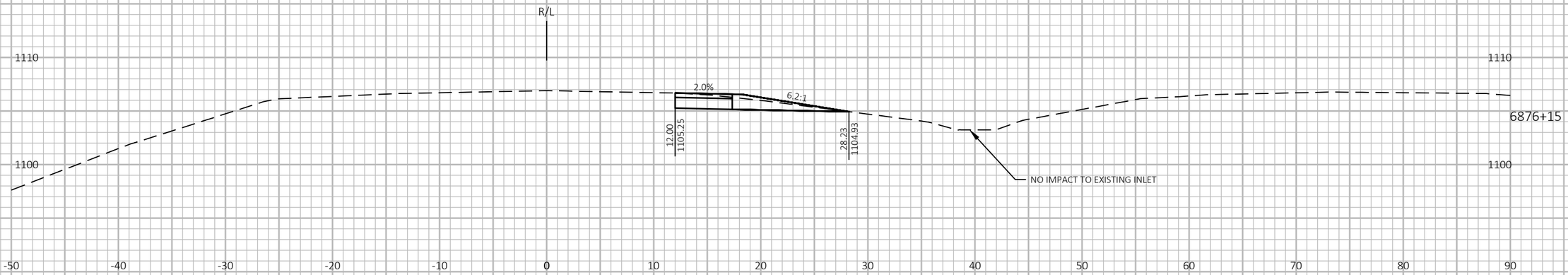
WISDOT/CADDS SHEET 49

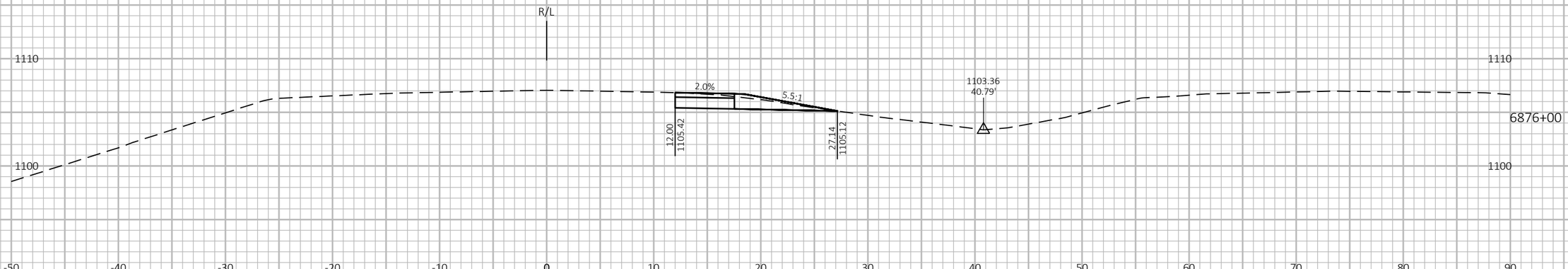
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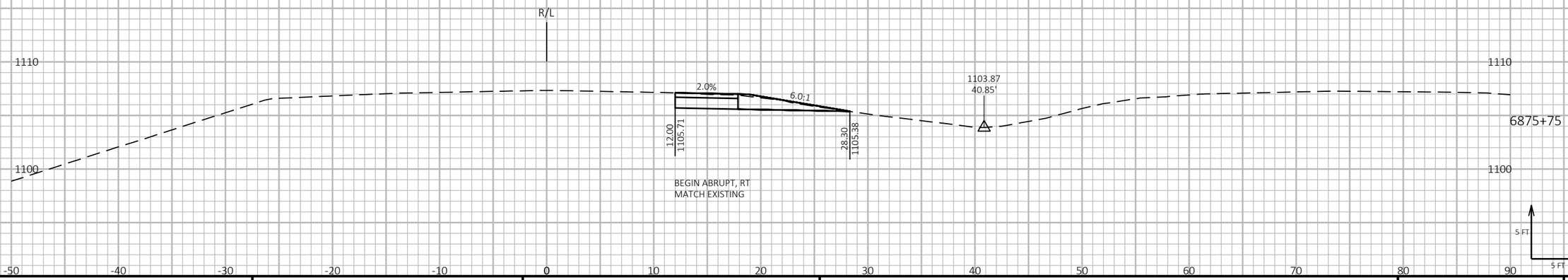
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH A)	SHEET 627	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090210-XS-S1.DWG
LAYOUT NAME - 01

PLOT DATE : 10/7/2022 10:12 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

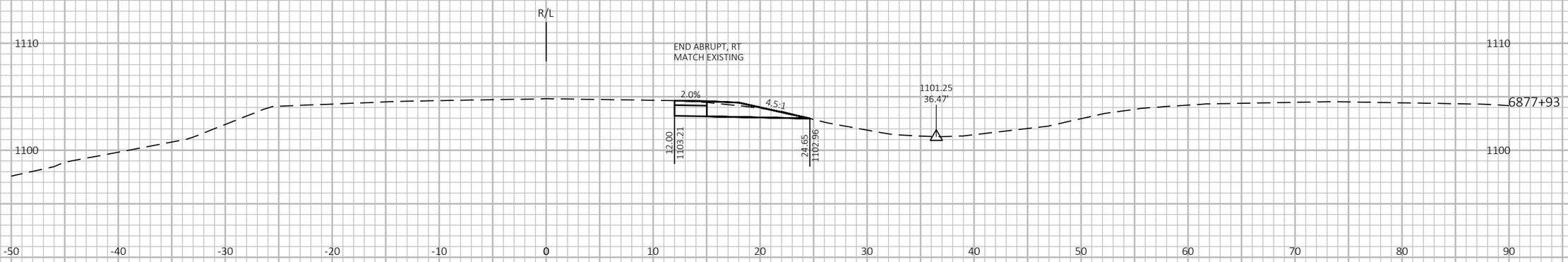
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 1 - TEMPORARY WIDENING (CTH A)	SHEET 628	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090210-XS-S1.DWG
LAYOUT NAME - 02

PLOT DATE : 10/7/2022 10:12 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

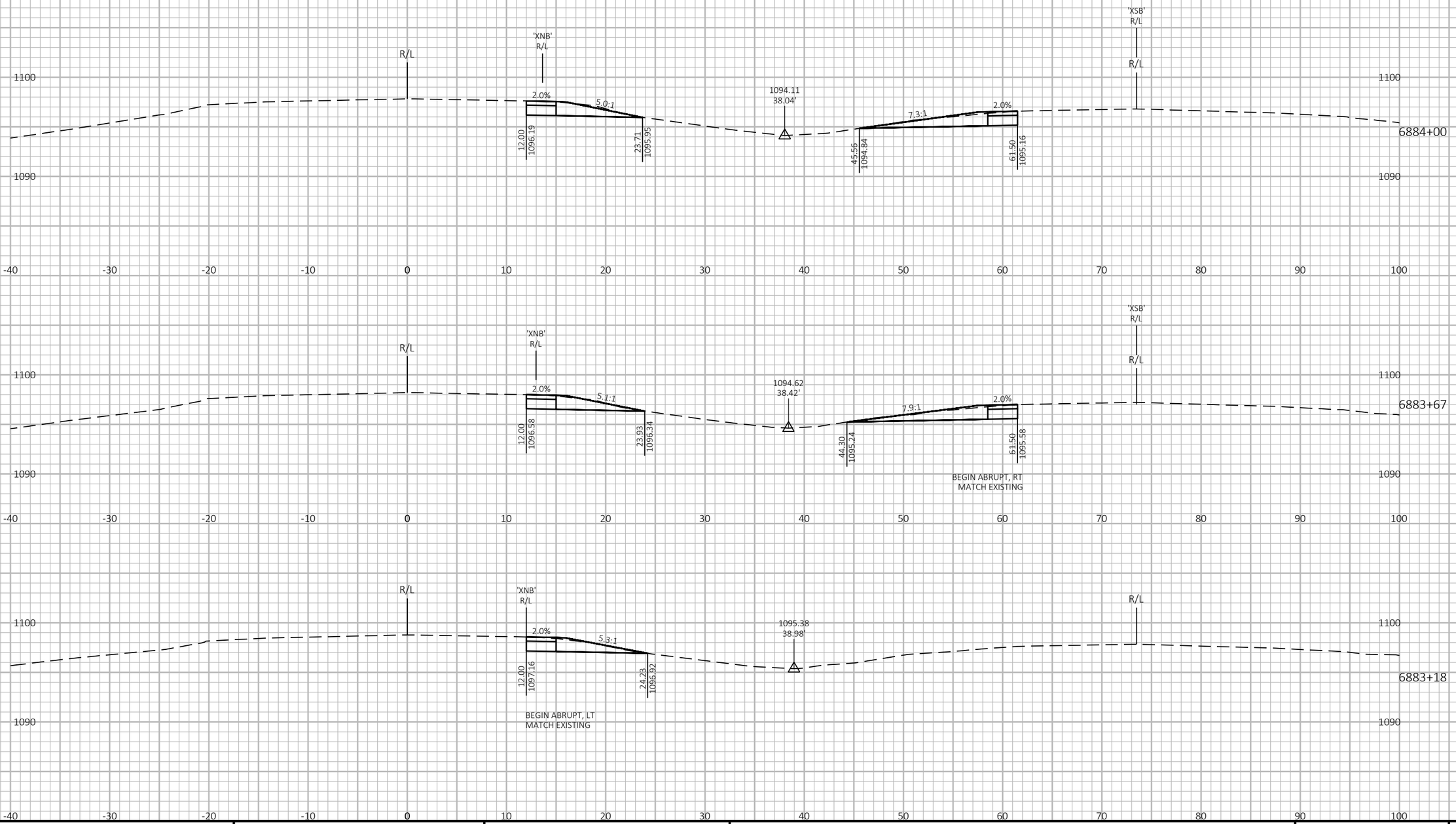
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 629	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 01

PLOT DATE : 10/31/2022 1:23 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

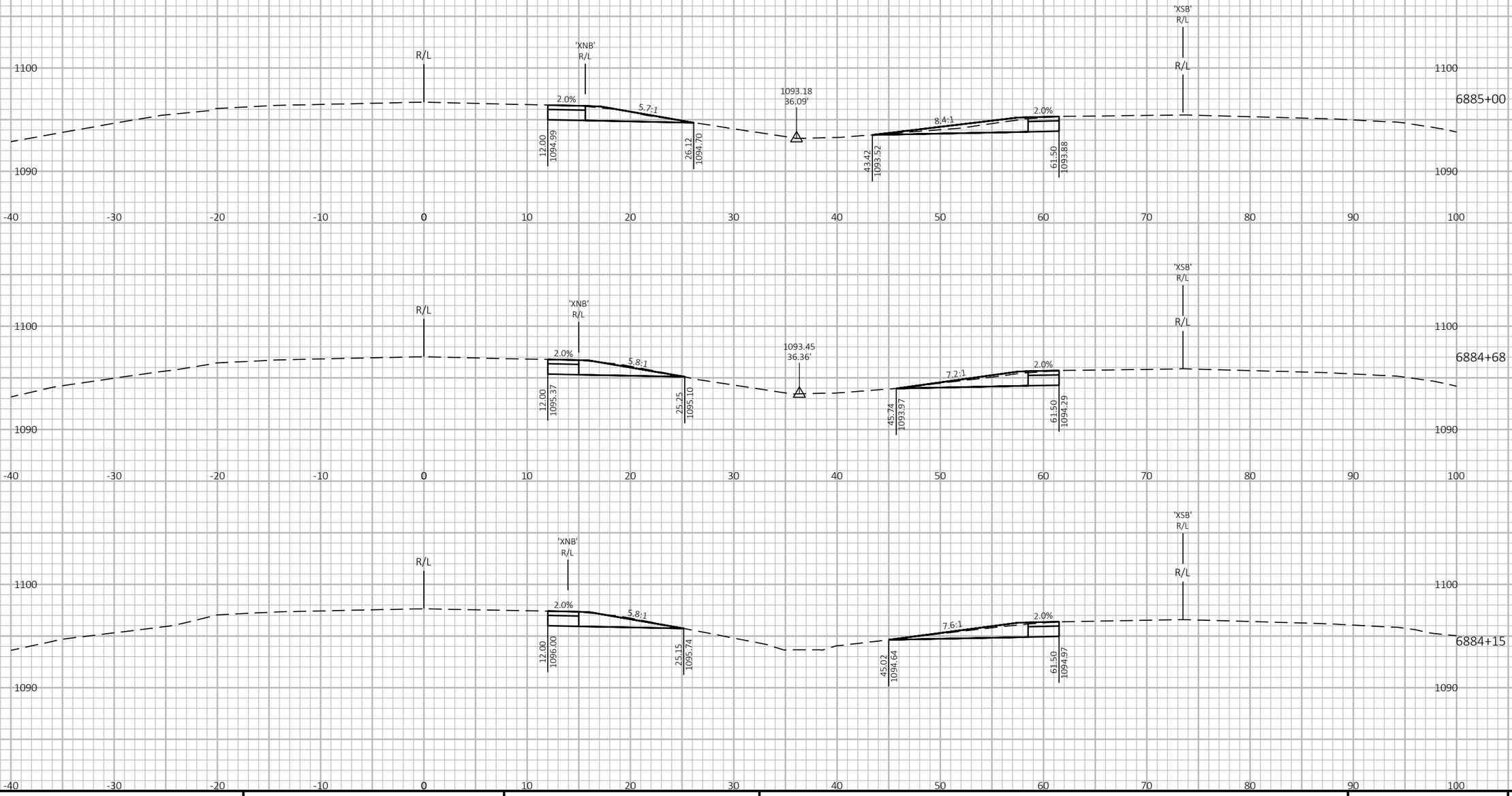
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 630	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 02

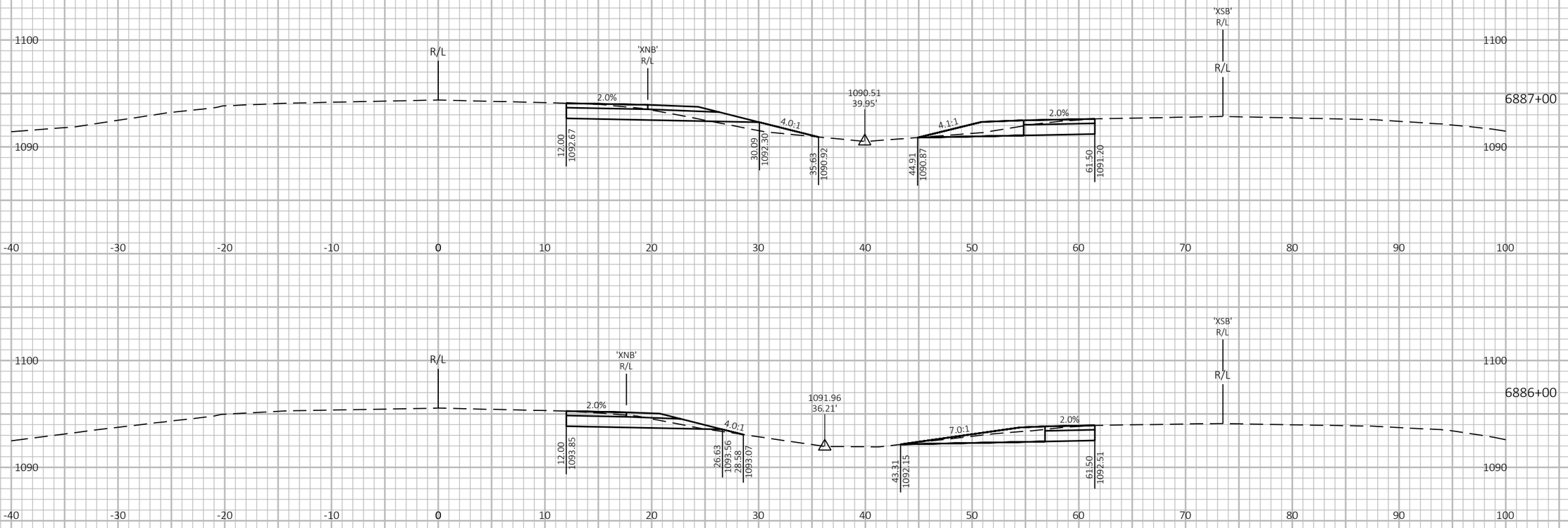
PLOT DATE : 10/31/2022 1:23 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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9

PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 631	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 03

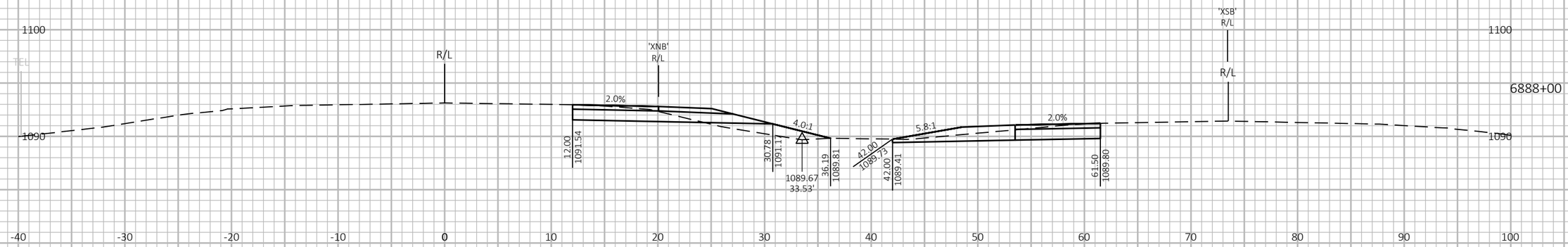
PLOT DATE : 10/31/2022 1:23 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

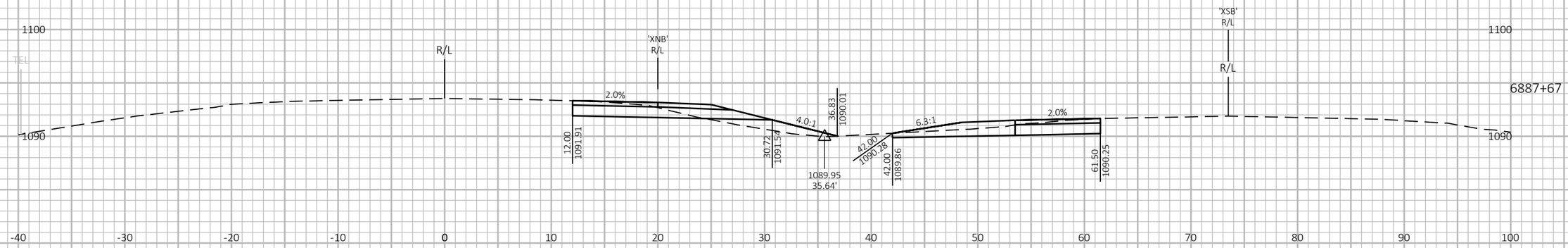
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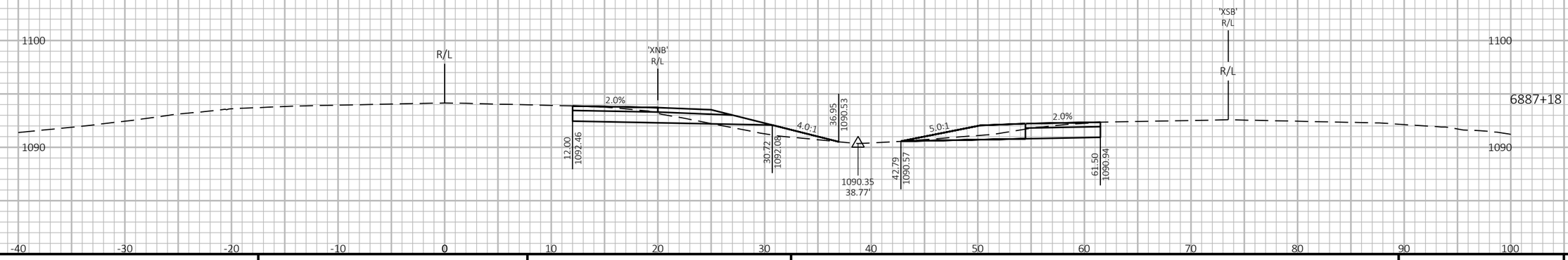
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 632	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 04

PLOT DATE : 10/31/2022 1:24 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

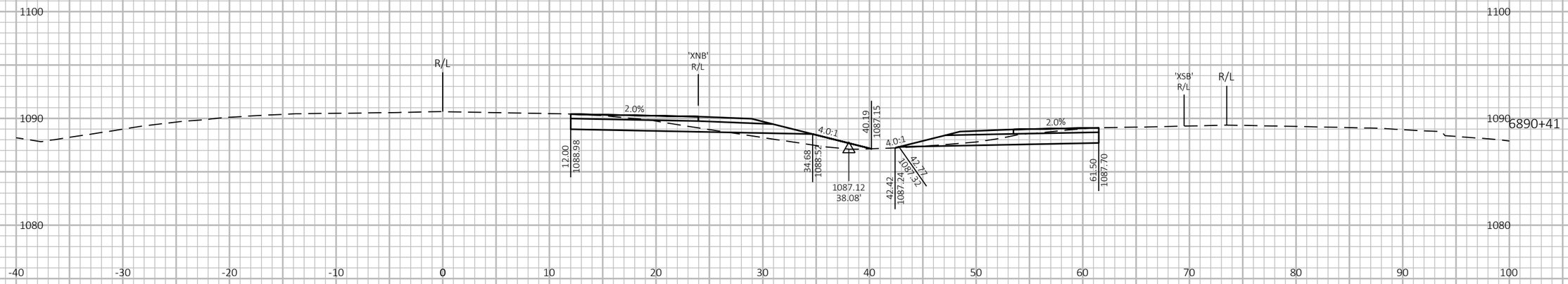
WISDOT/CADDS SHEET 49

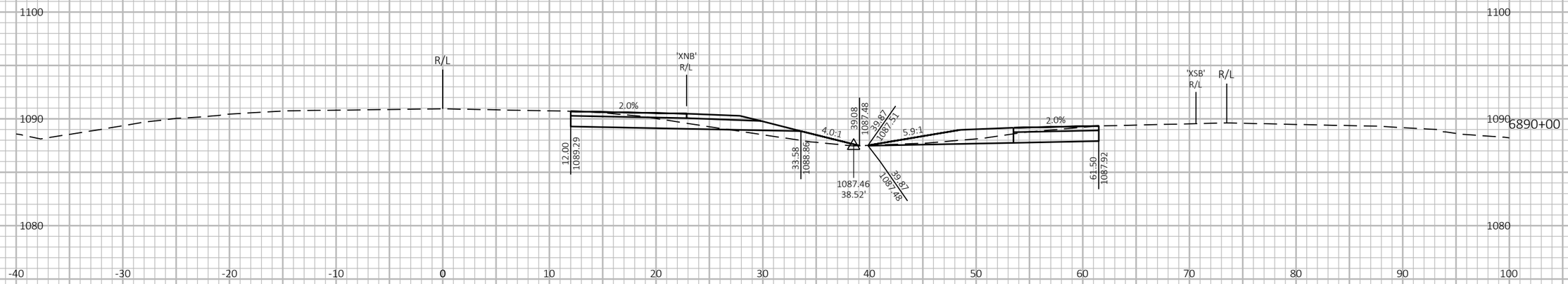
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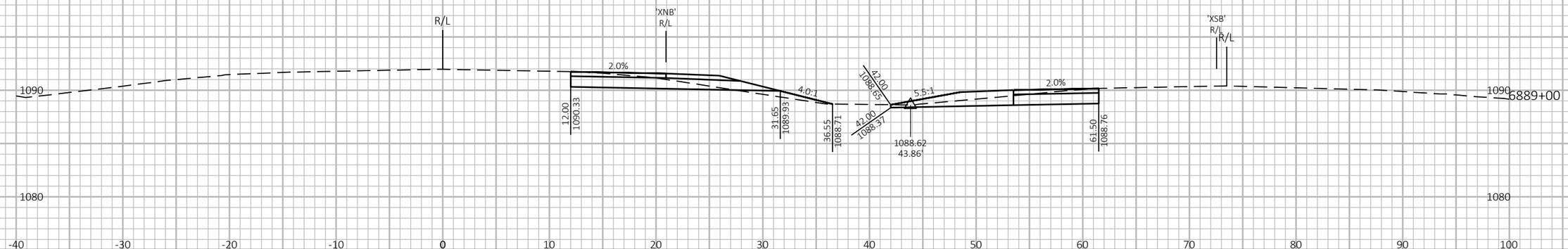
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







9

9

PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 633	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 05

PLOT DATE : 10/31/2022 1:24 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

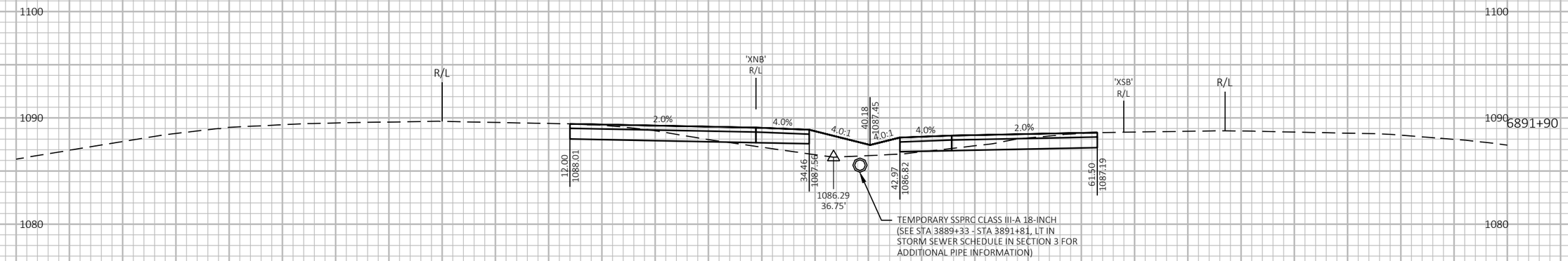
WISDOT/CADDS SHEET 49

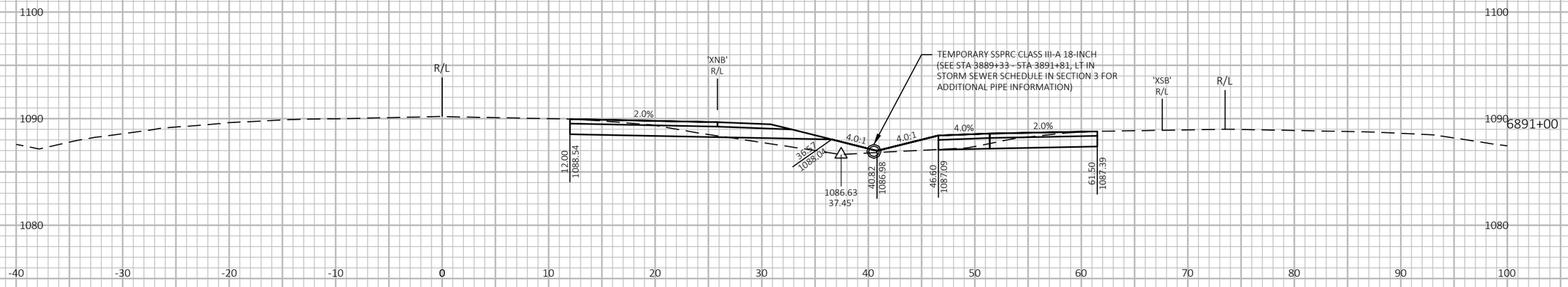
LEGEND

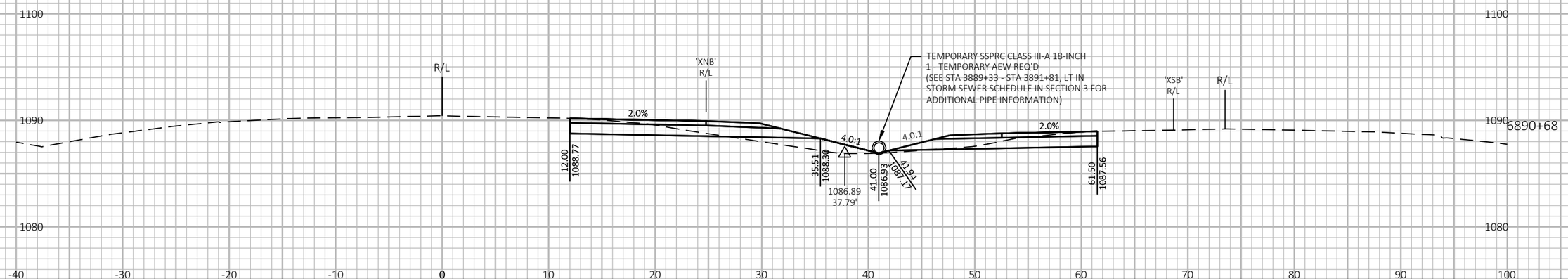
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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9

PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 634	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 06

PLOT DATE : 10/31/2022 1:24 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

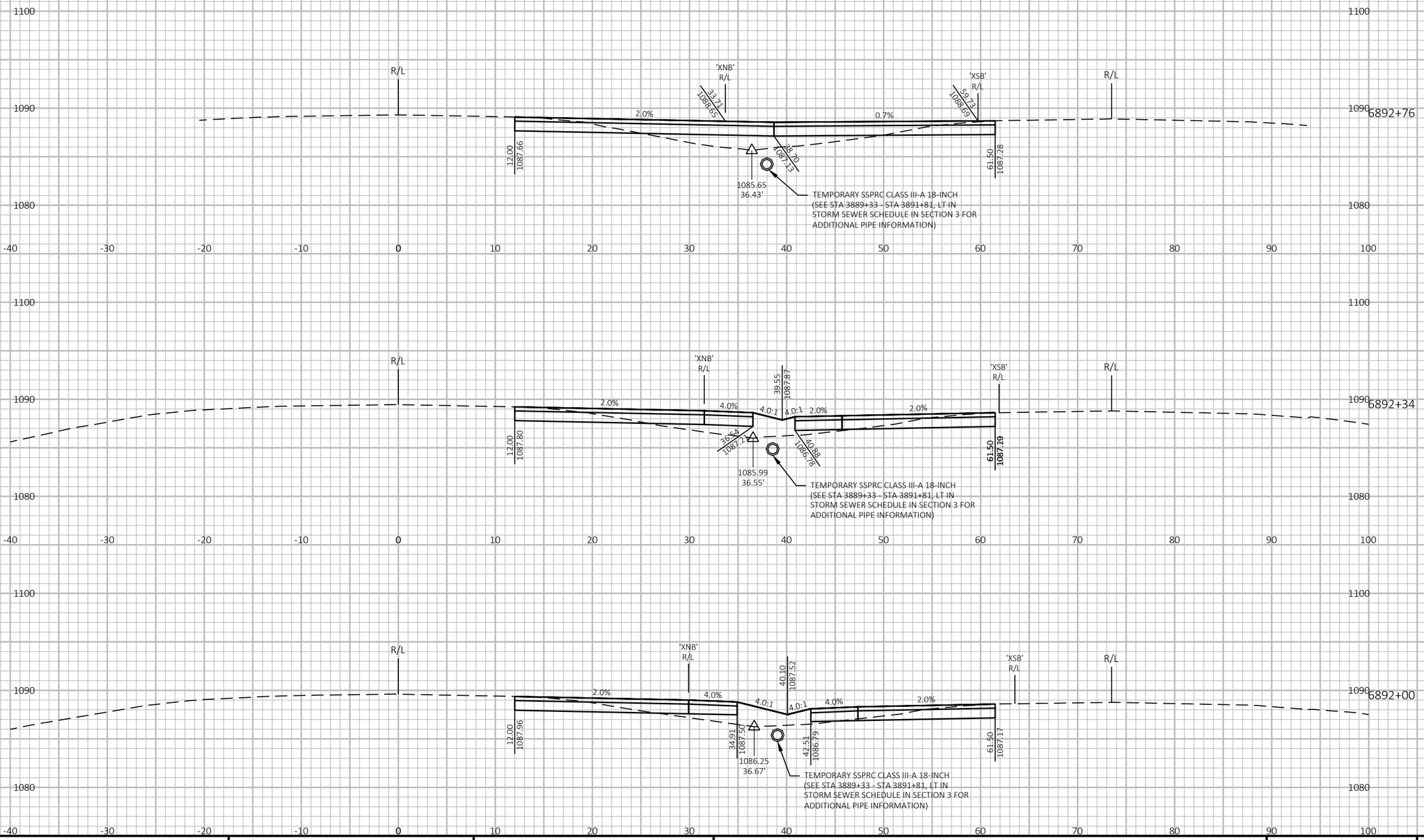
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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9

PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 635	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 07

PLOT DATE : 10/31/2022 1:24 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

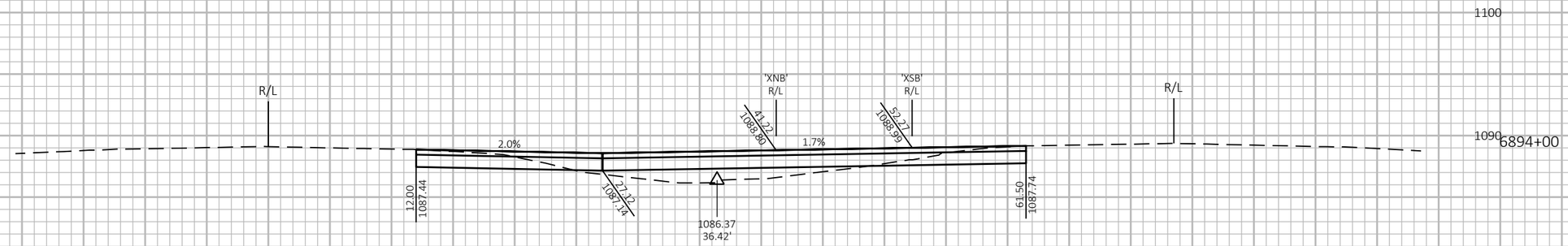
WISDOT/CADDS SHEET 49

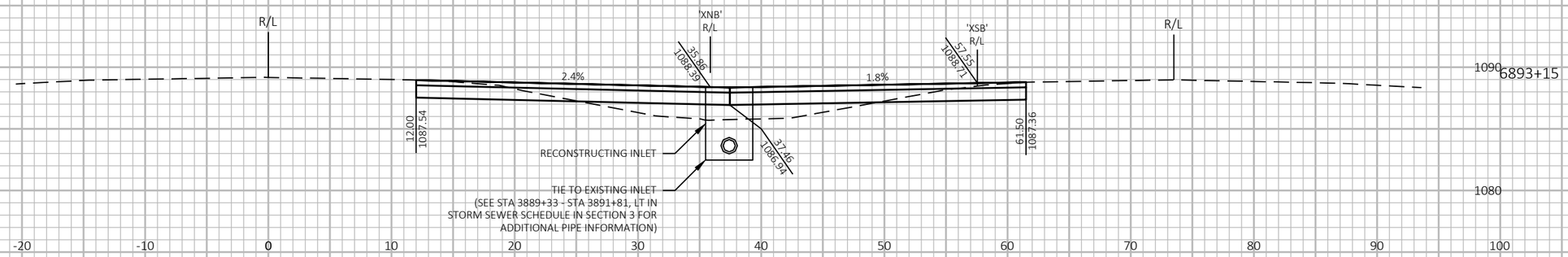
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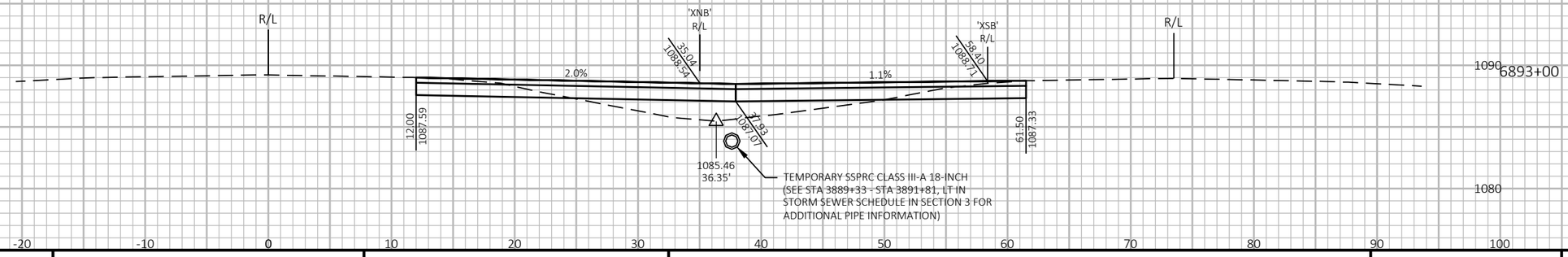
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







9

9

PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 636	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 08

PLOT DATE : 10/31/2022 1:24 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

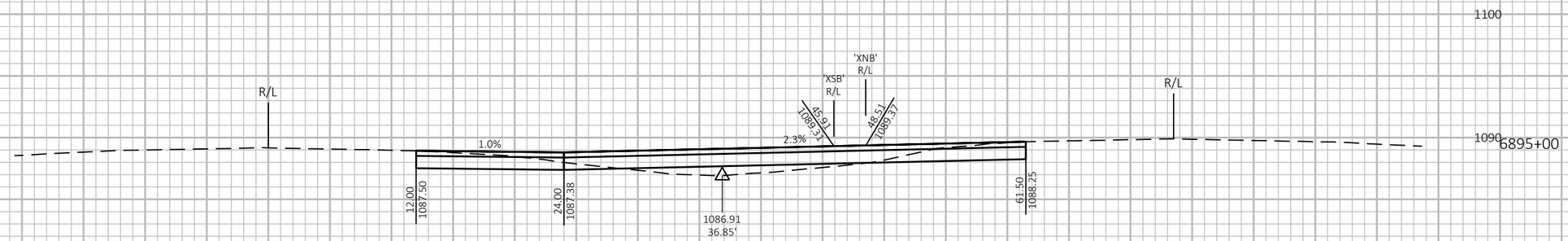
WISDOT/CADDS SHEET 49

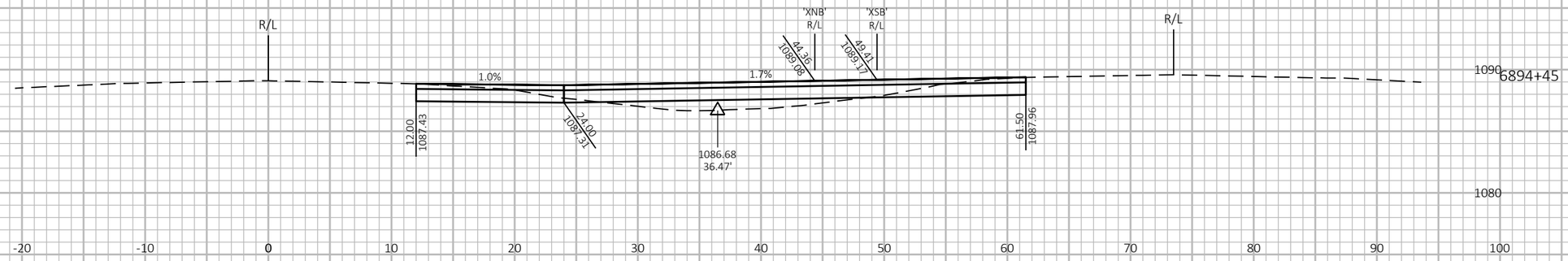
LEGEND

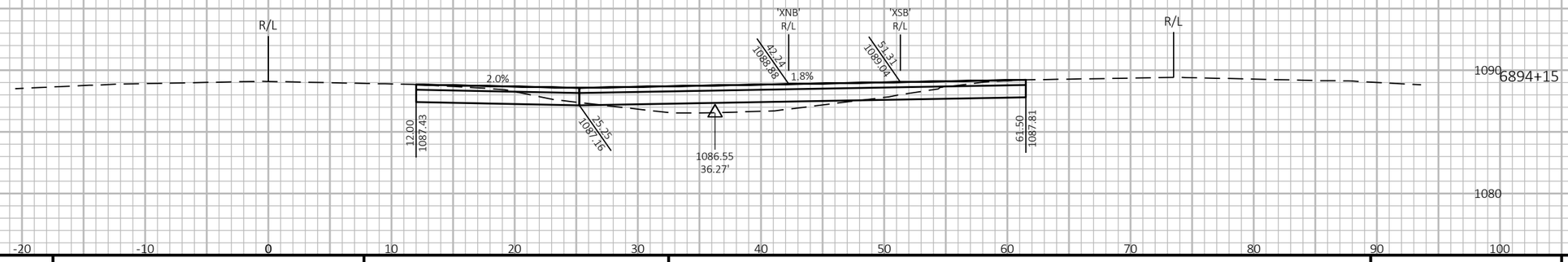
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 637	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 09

PLOT DATE : 10/31/2022 1:24 PM PLOT BY : AUSTIN STRAHL PLOT NAME : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

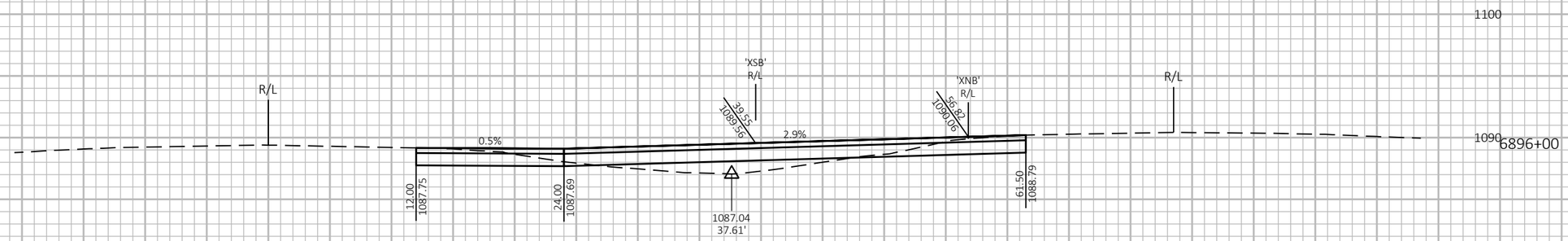
WISDOT/CADDS SHEET 49

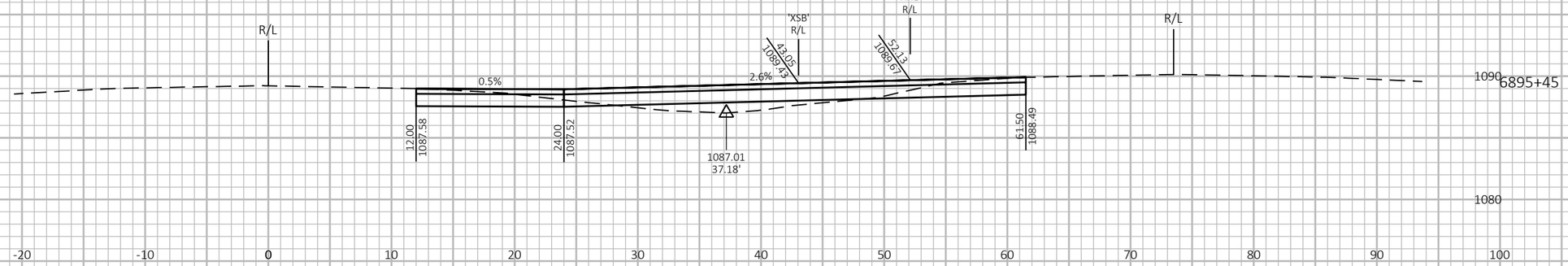
LEGEND

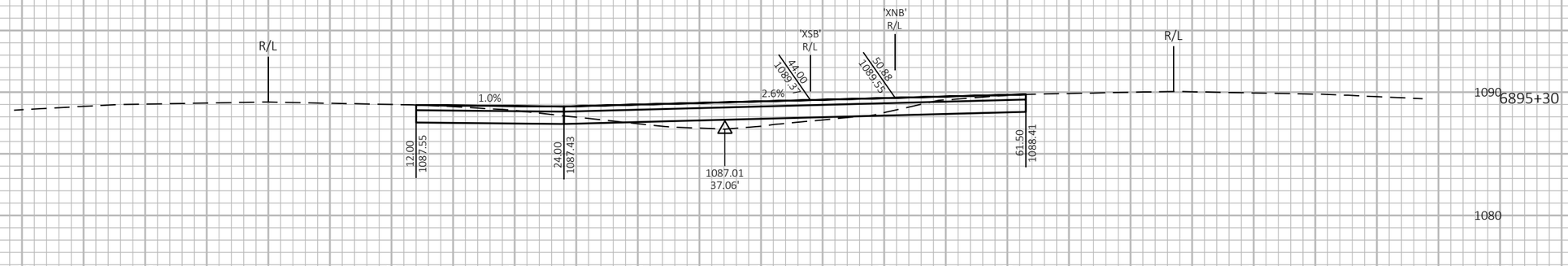
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 638	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 10

PLOT DATE : 10/31/2022 1:24 PM PLOT BY : AUSTIN STRAHL PLOT NAME : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

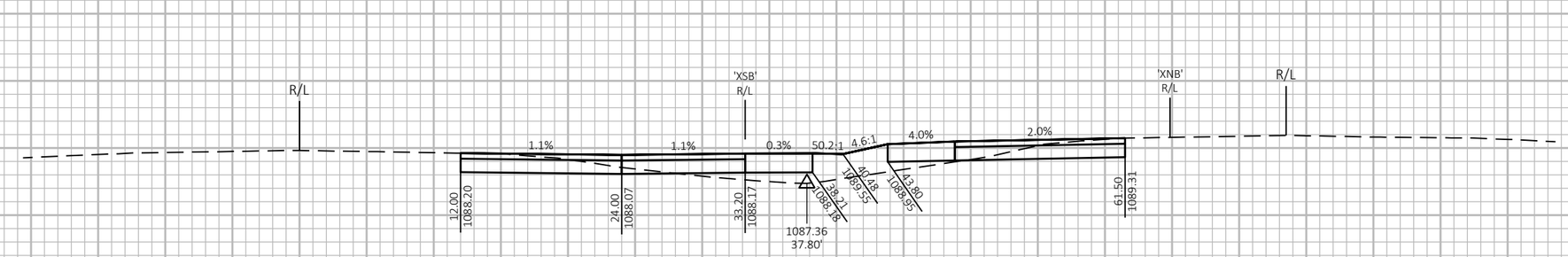
WISDOT/CADDS SHEET 49

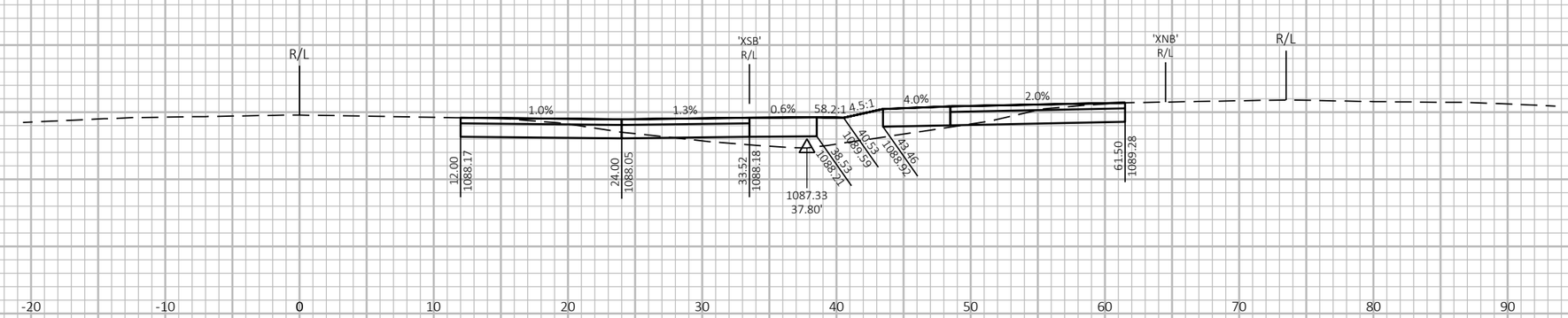
LEGEND

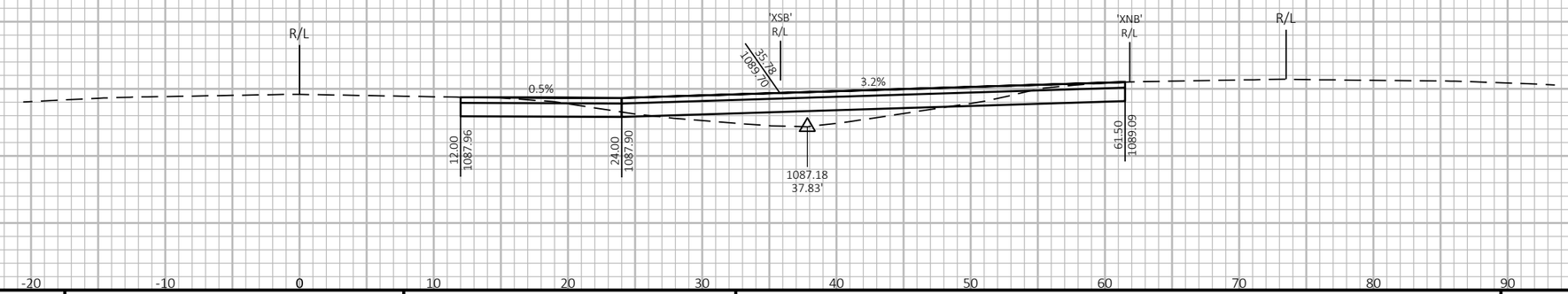
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 639	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 11

PLOT DATE : 10/31/2022 1:25 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

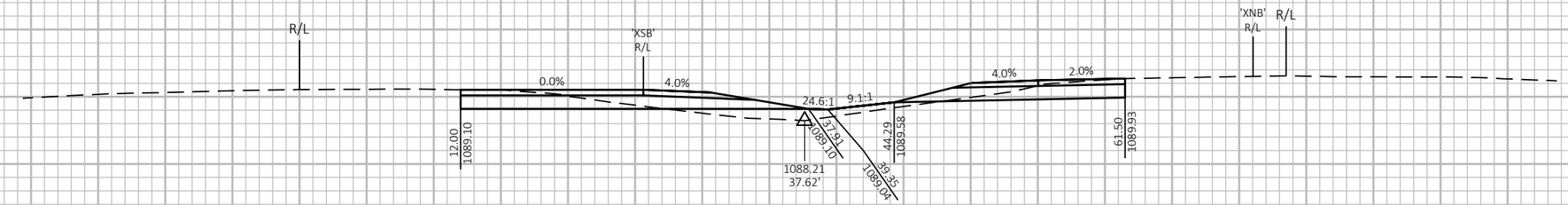
WISDOT/CADDS SHEET 49

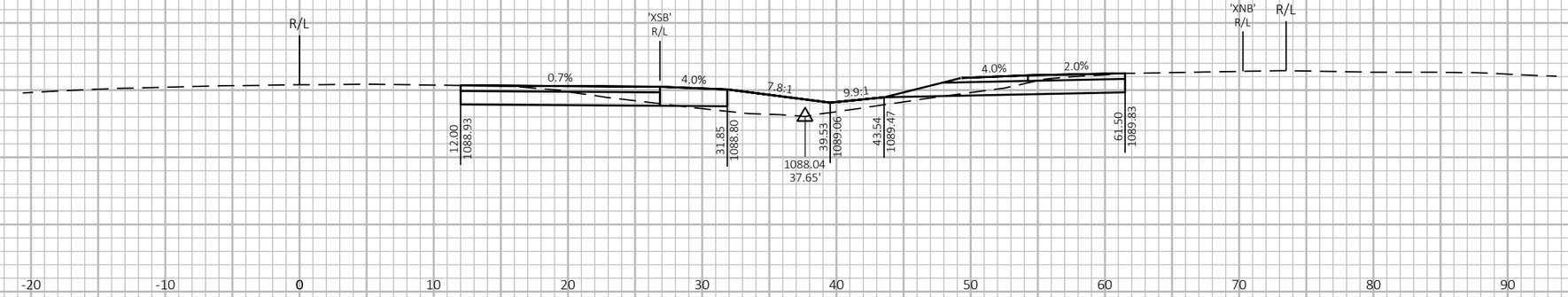
LEGEND

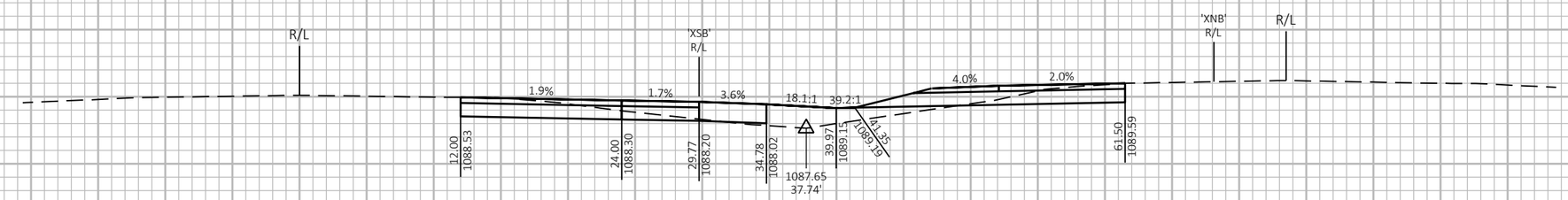
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 640	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 12

PLOT DATE : 10/31/2022 1:25 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

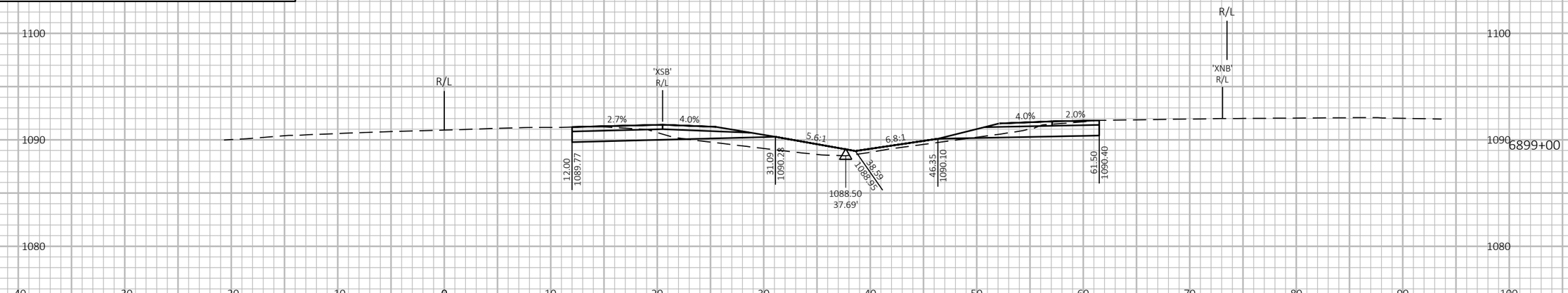
WISDOT/CADDS SHEET 49

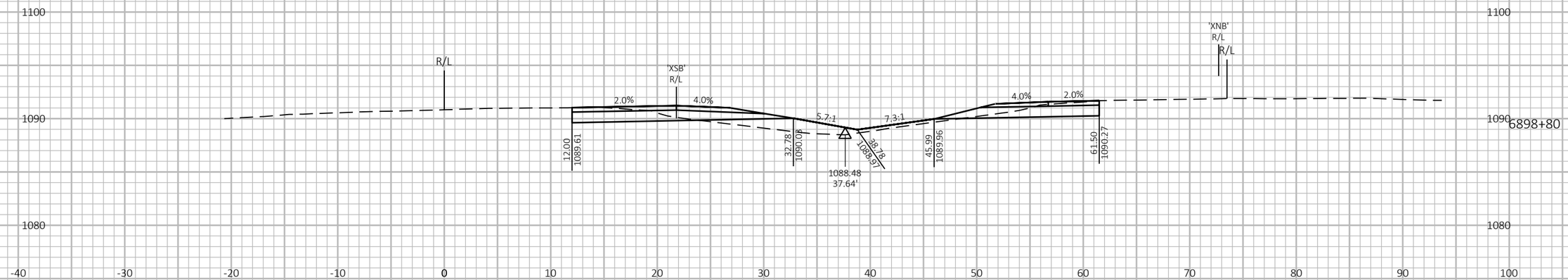
LEGEND

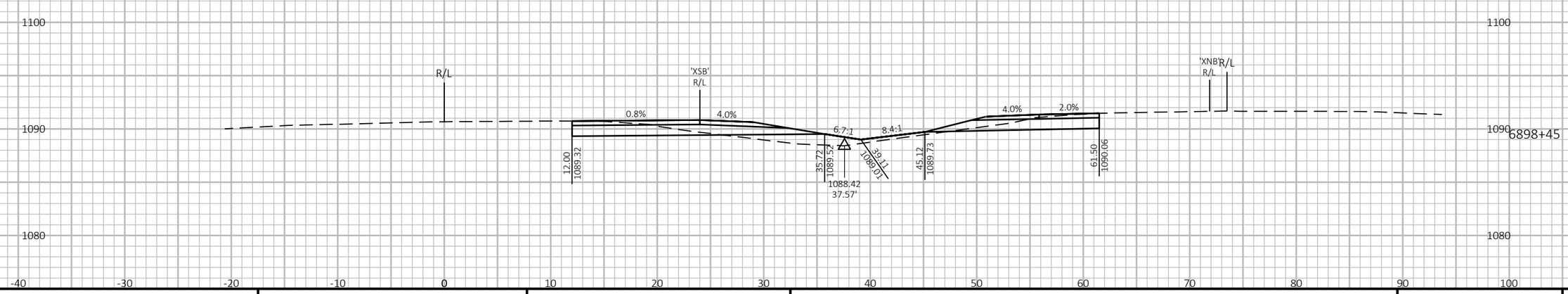
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 641	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 13

PLOT DATE : 10/31/2022 1:25 PM PLOT BY : AUSTIN STRAHL PLOT NAME : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

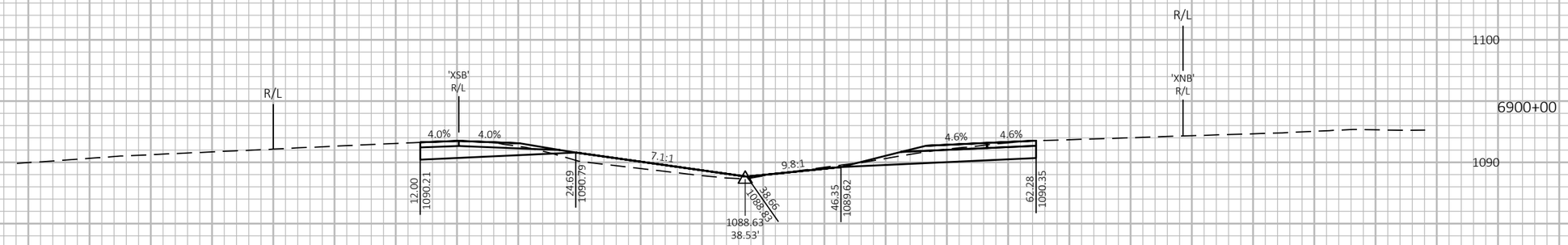
WISDOT/CADDS SHEET 49

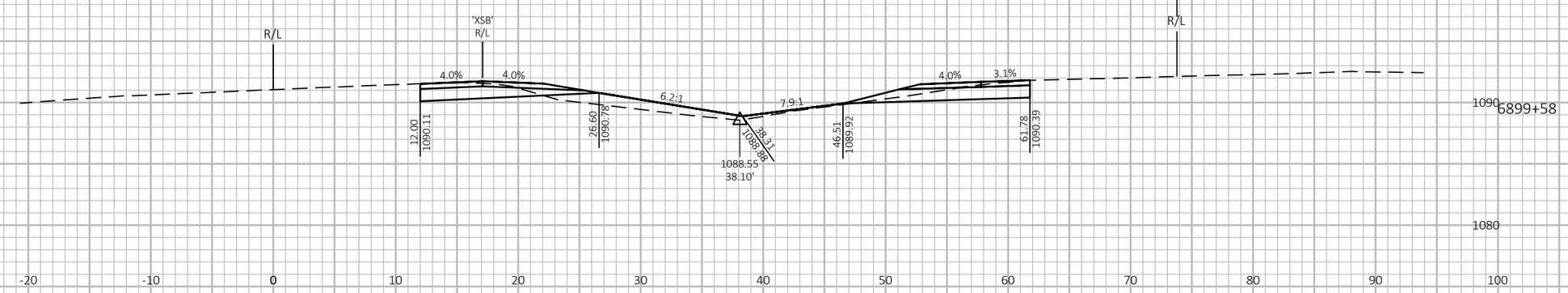
LEGEND

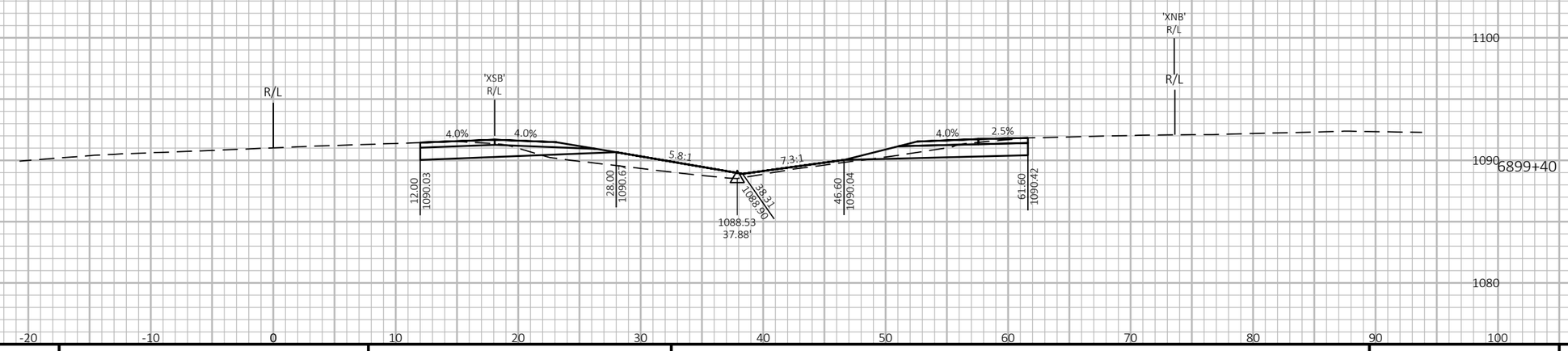
EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 642	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 14

PLOT DATE : 10/31/2022 1:25 PM PLOT BY : AUSTIN STRAHL PLOT NAME : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

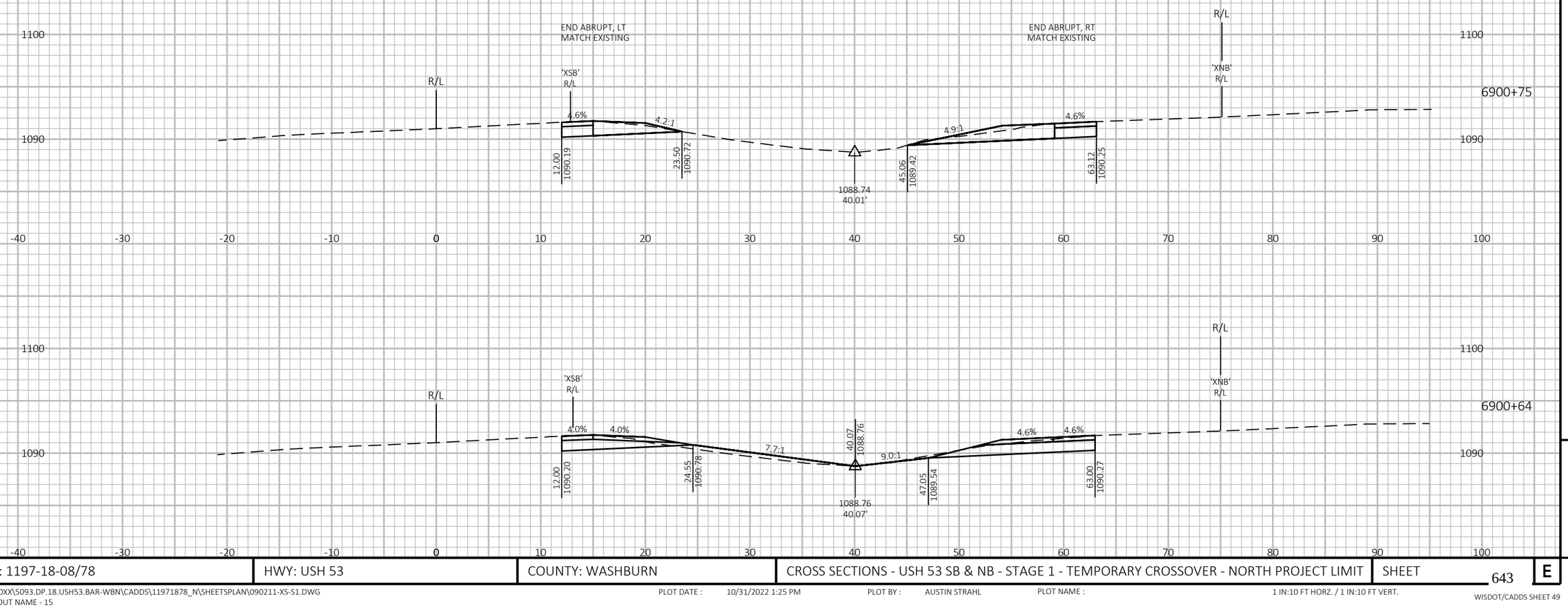
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB & NB - STAGE 1 - TEMPORARY CROSSOVER - NORTH PROJECT LIMIT	SHEET 643	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090211-XS-S1.DWG
LAYOUT NAME - 15

PLOT DATE : 10/31/2022 1:25 PM PLOT BY : AUSTIN STRAHL PLOT NAME : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

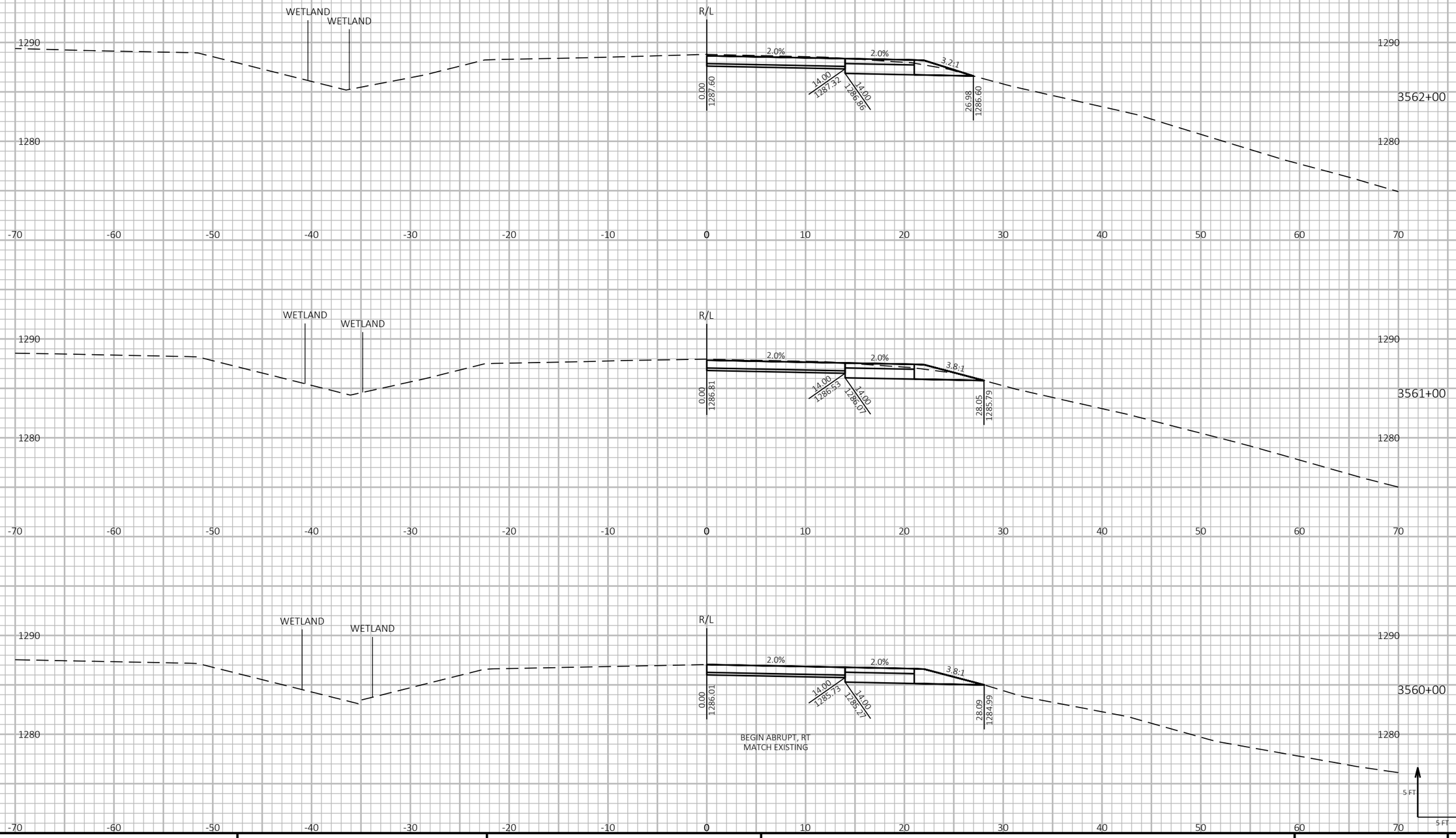
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 644	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 10/4/2022 12:10 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

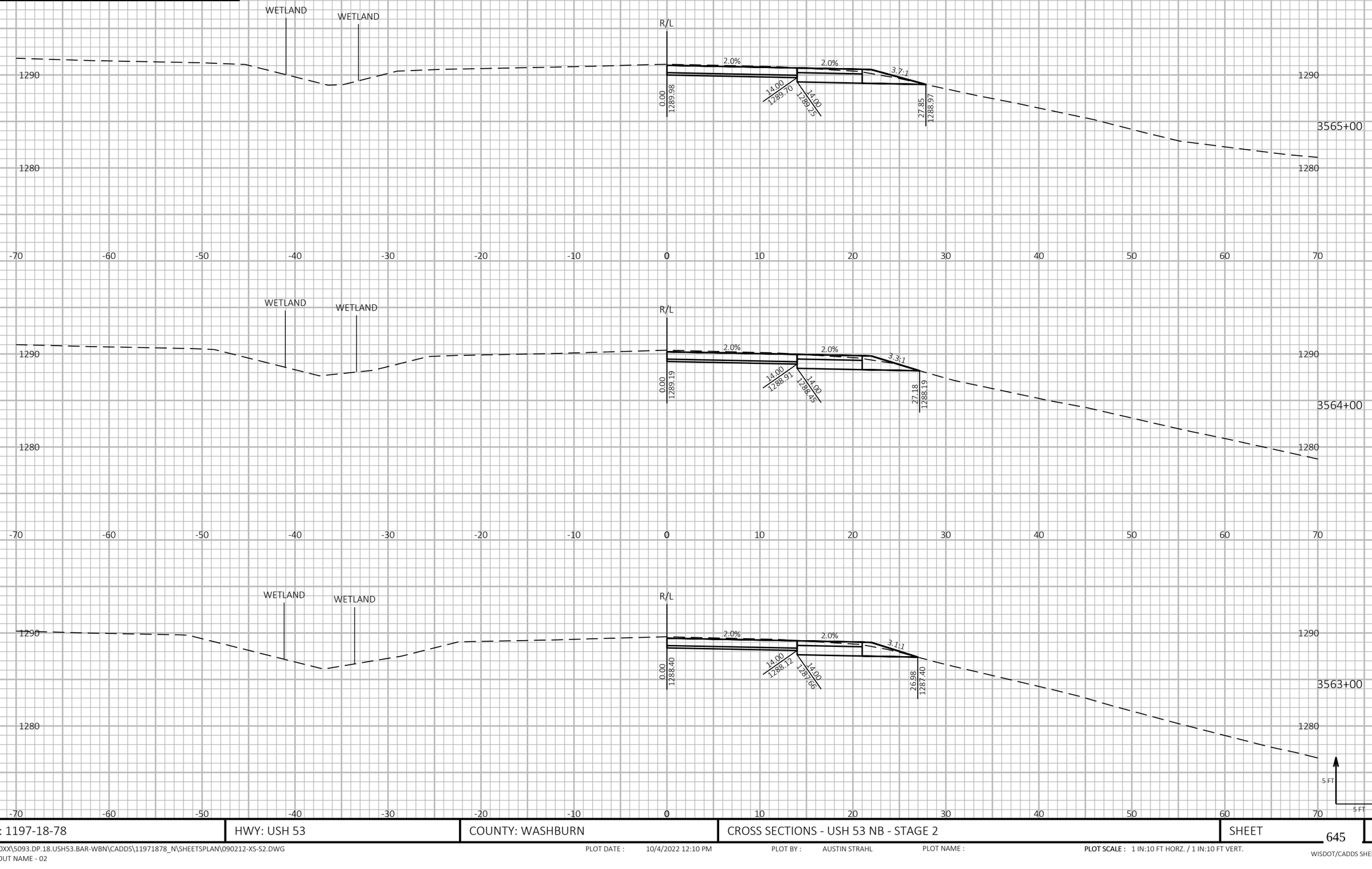
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 645	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 10/4/2022 12:10 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 646	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 10/4/2022 12:10 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

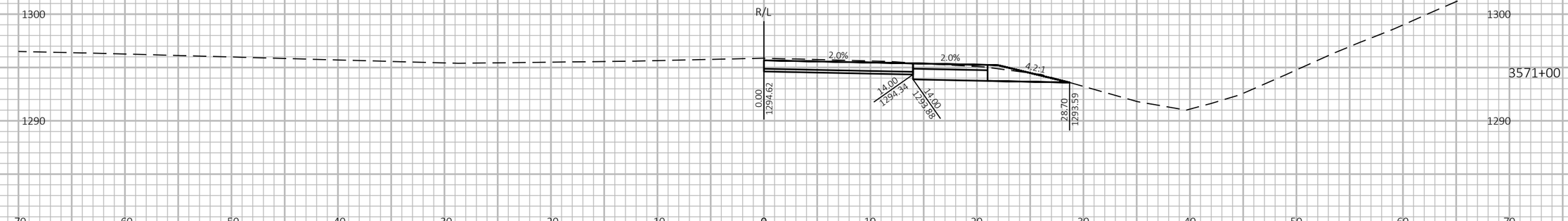
WISDOT/CADDS SHEET 49

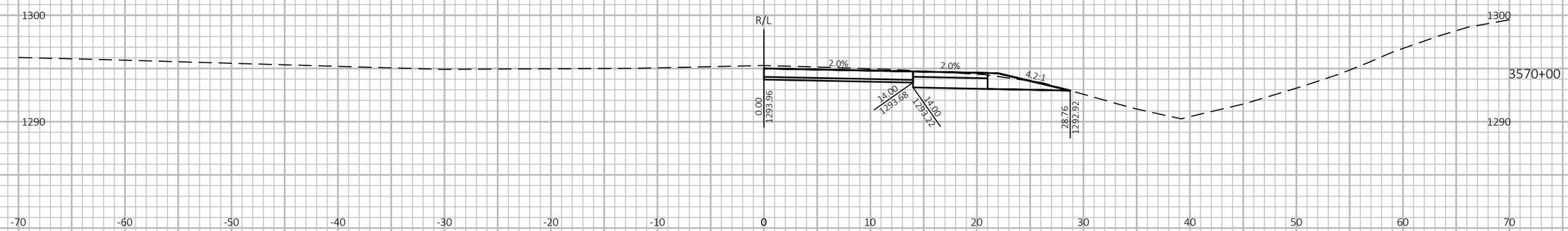
LEGEND

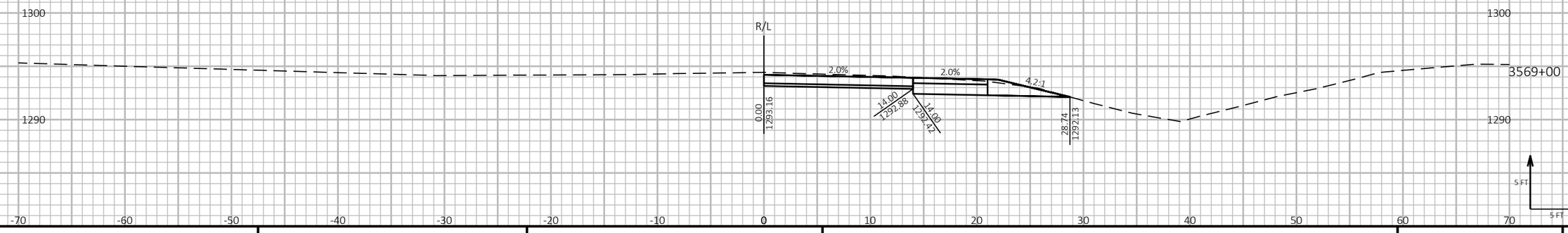
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 647	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 10/4/2022 12:10 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

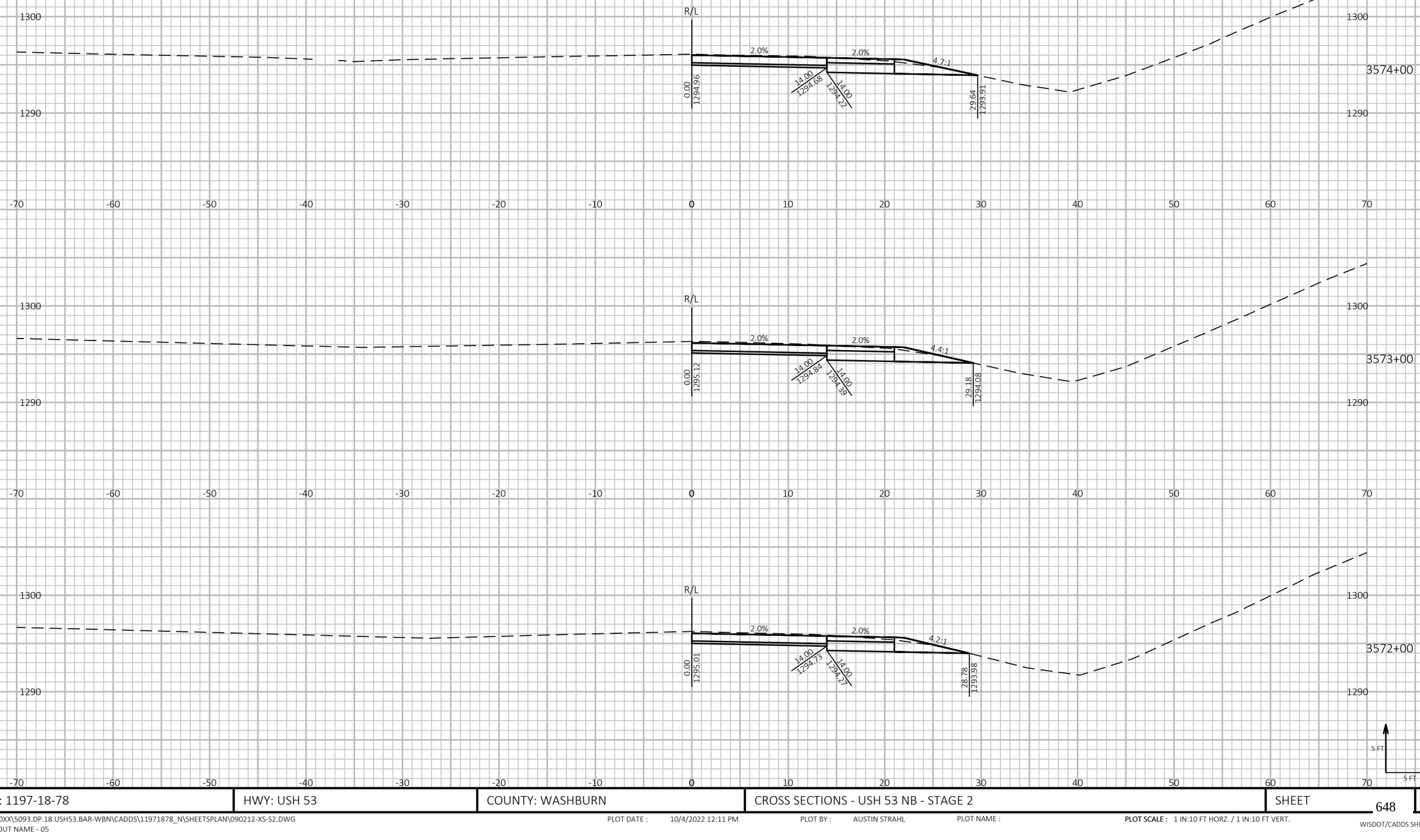
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 648	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 10/4/2022 12:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

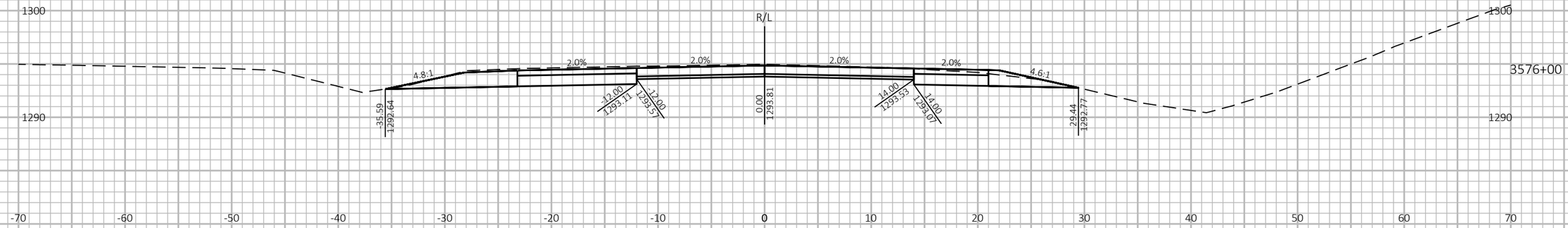
WISDOT/CADDS SHEET 49

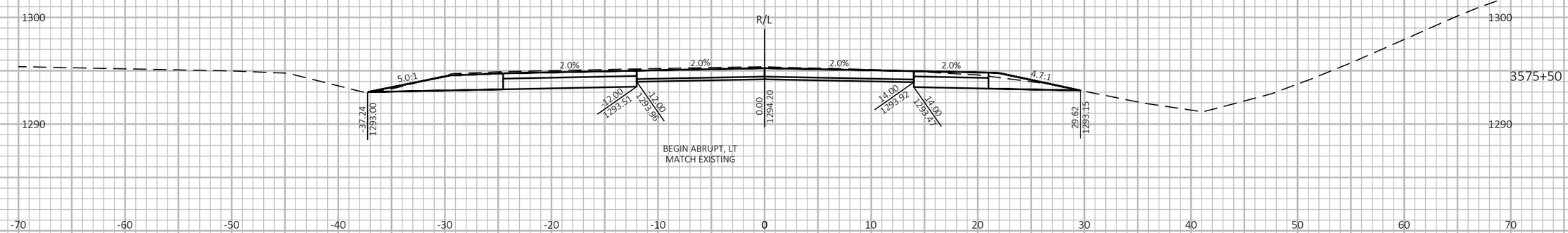
LEGEND

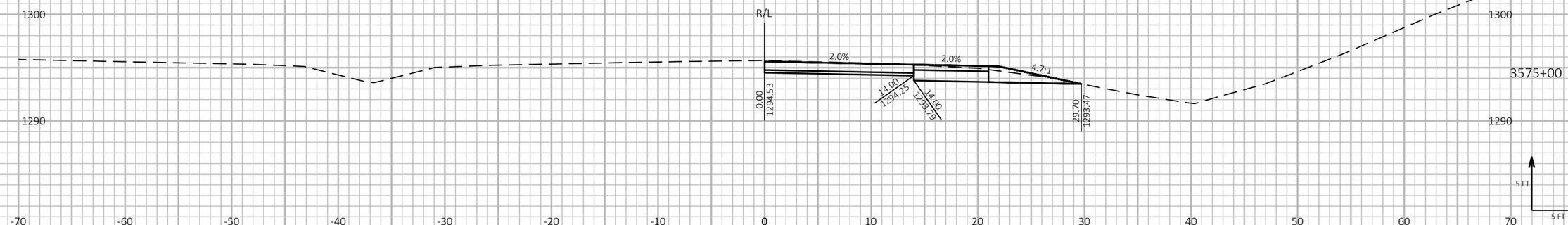
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 649	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 10/4/2022 12:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

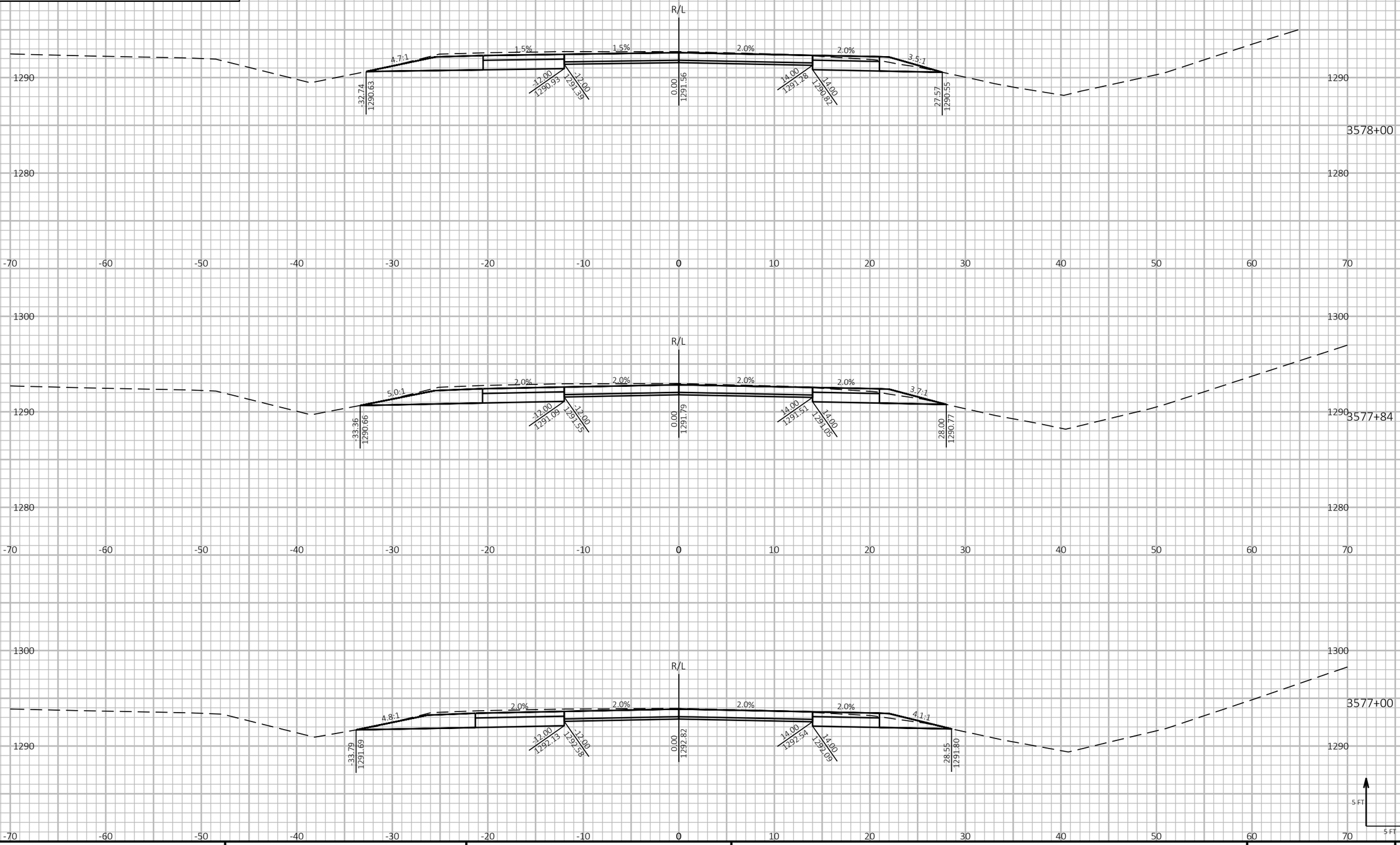
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 650	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 10/4/2022 12:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

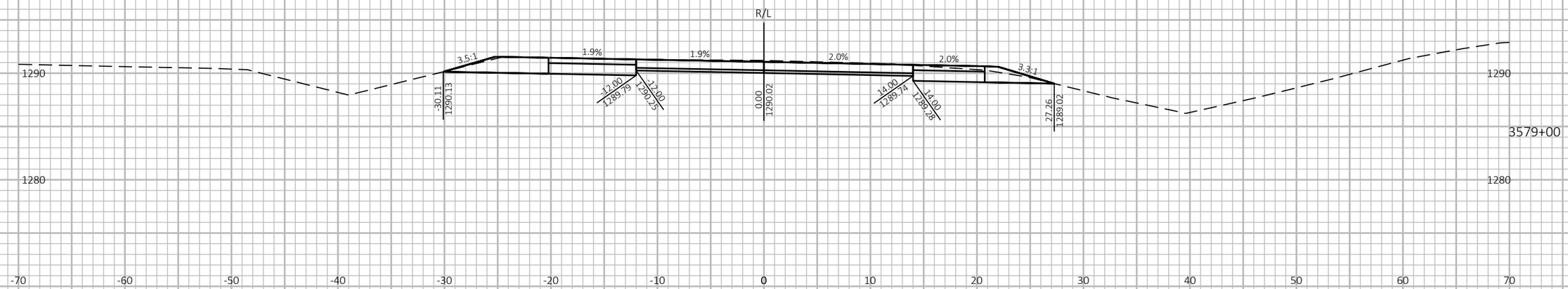
WISDOT/CADDS SHEET 49

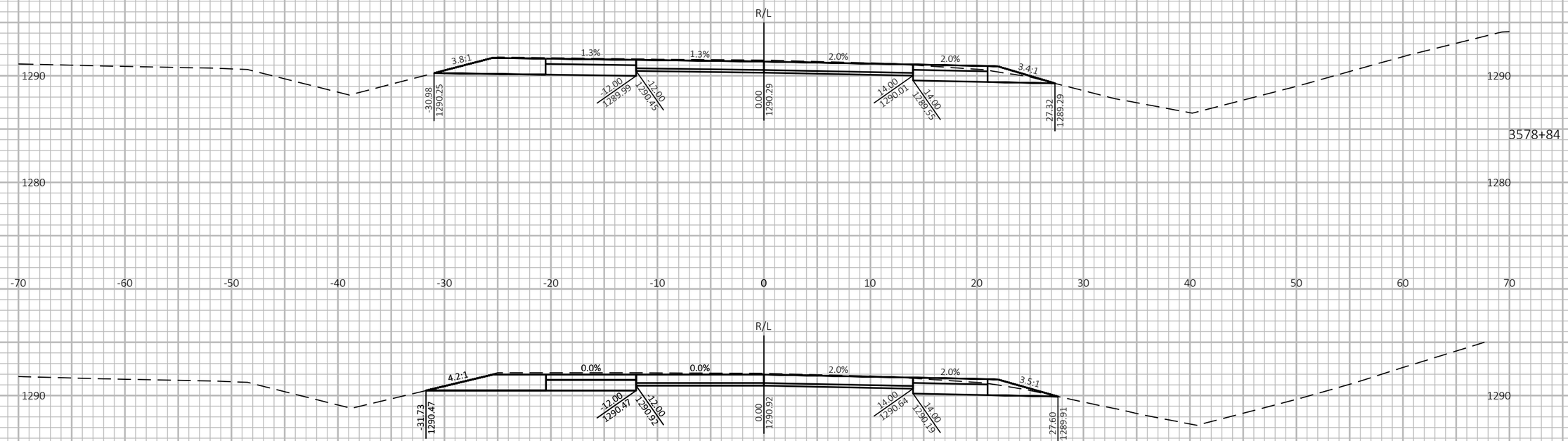
LEGEND

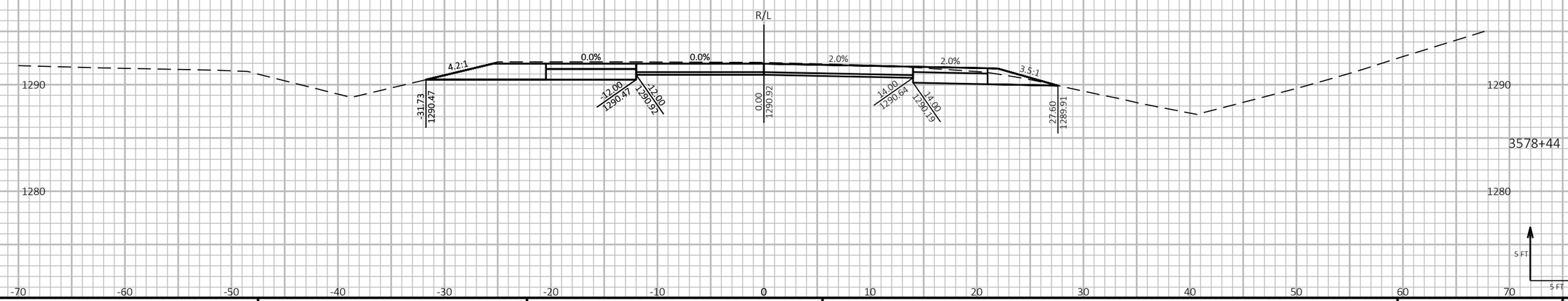
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 651	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 10/4/2022 12:11 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

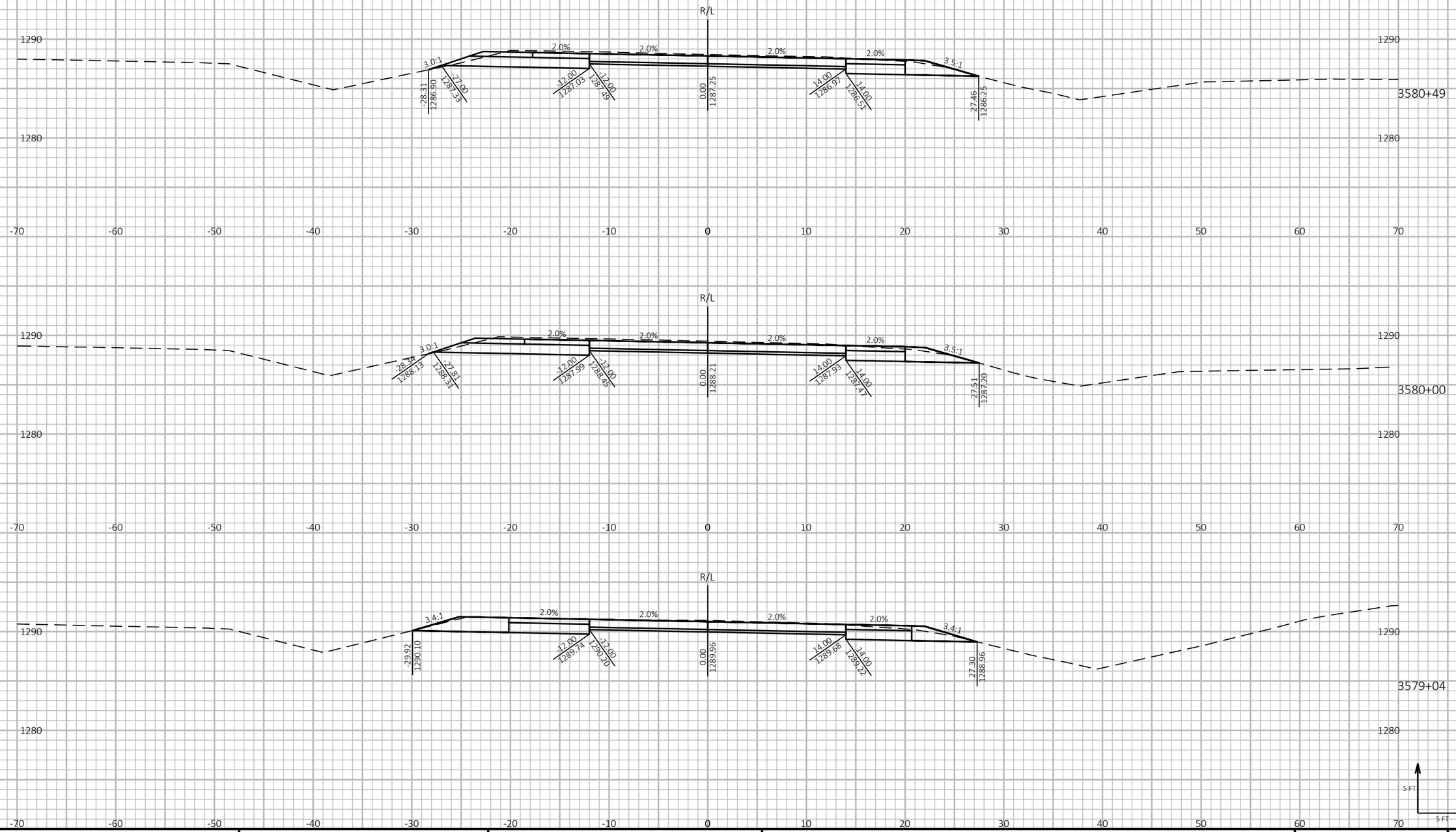
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 652	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 10/4/2022 12:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

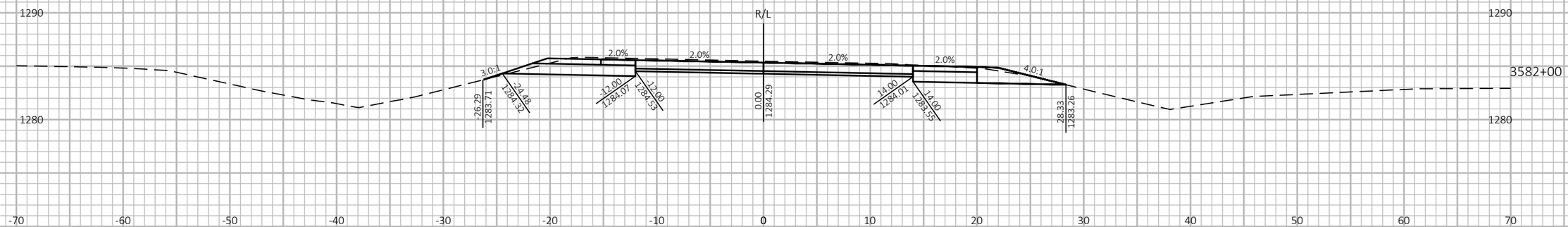
WISDOT/CADDS SHEET 49

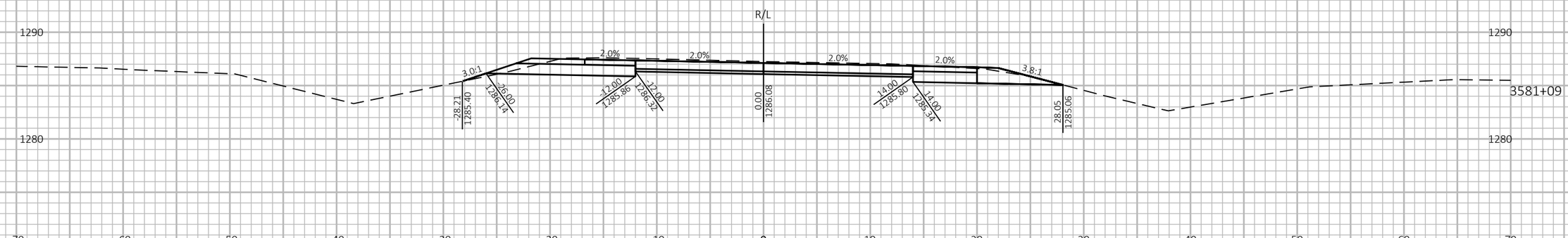
LEGEND

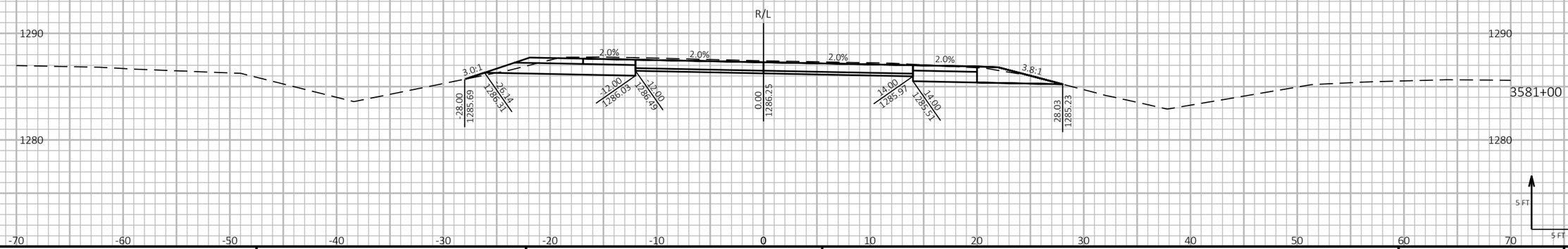
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 653	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 10/4/2022 12:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

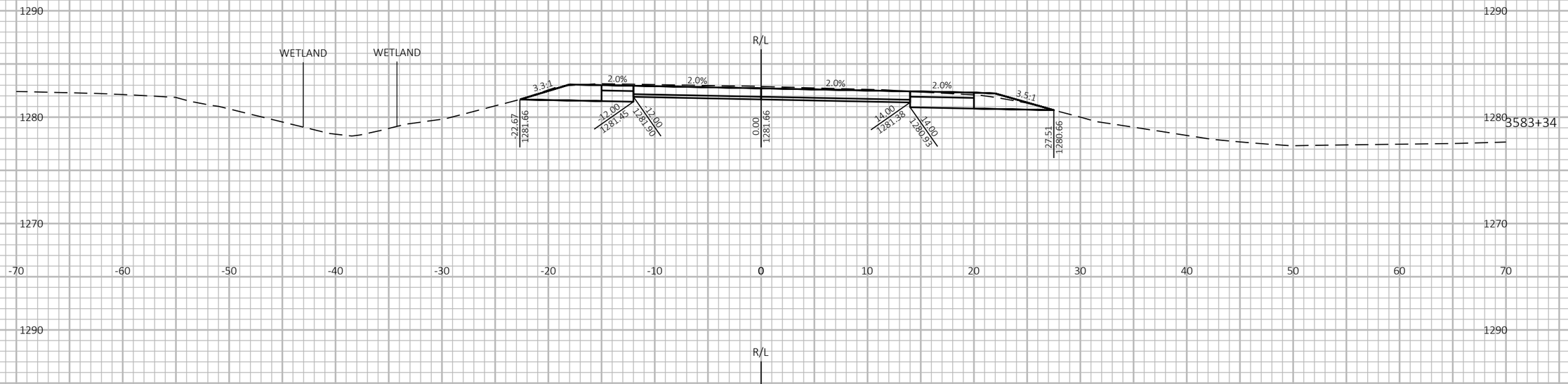
WISDOT/CADDS SHEET 49

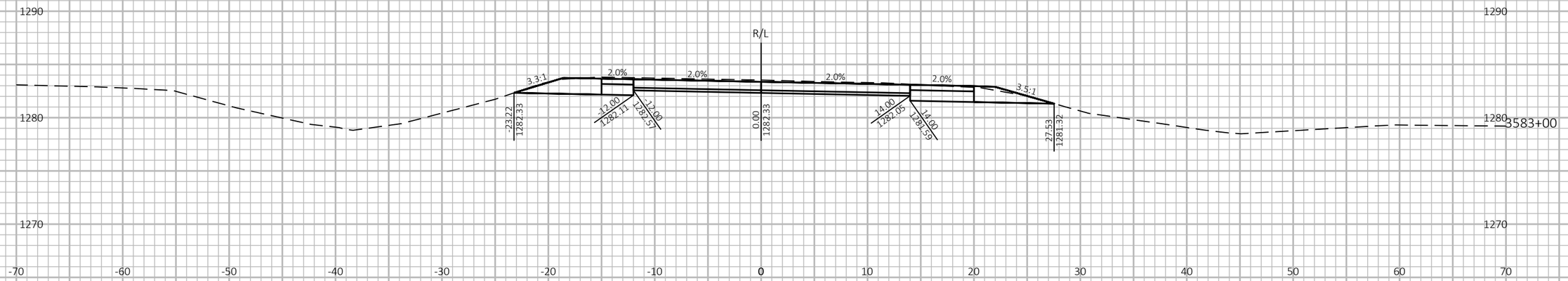
LEGEND

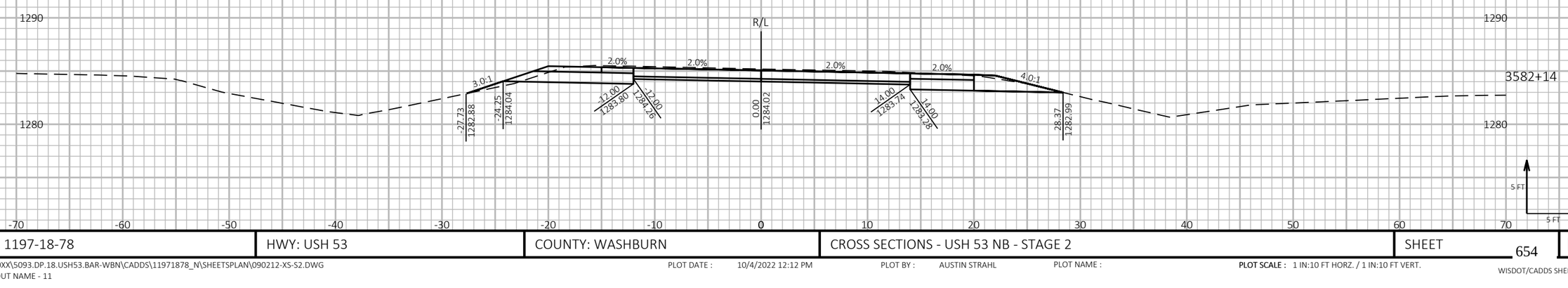
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 654	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 10/4/2022 12:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

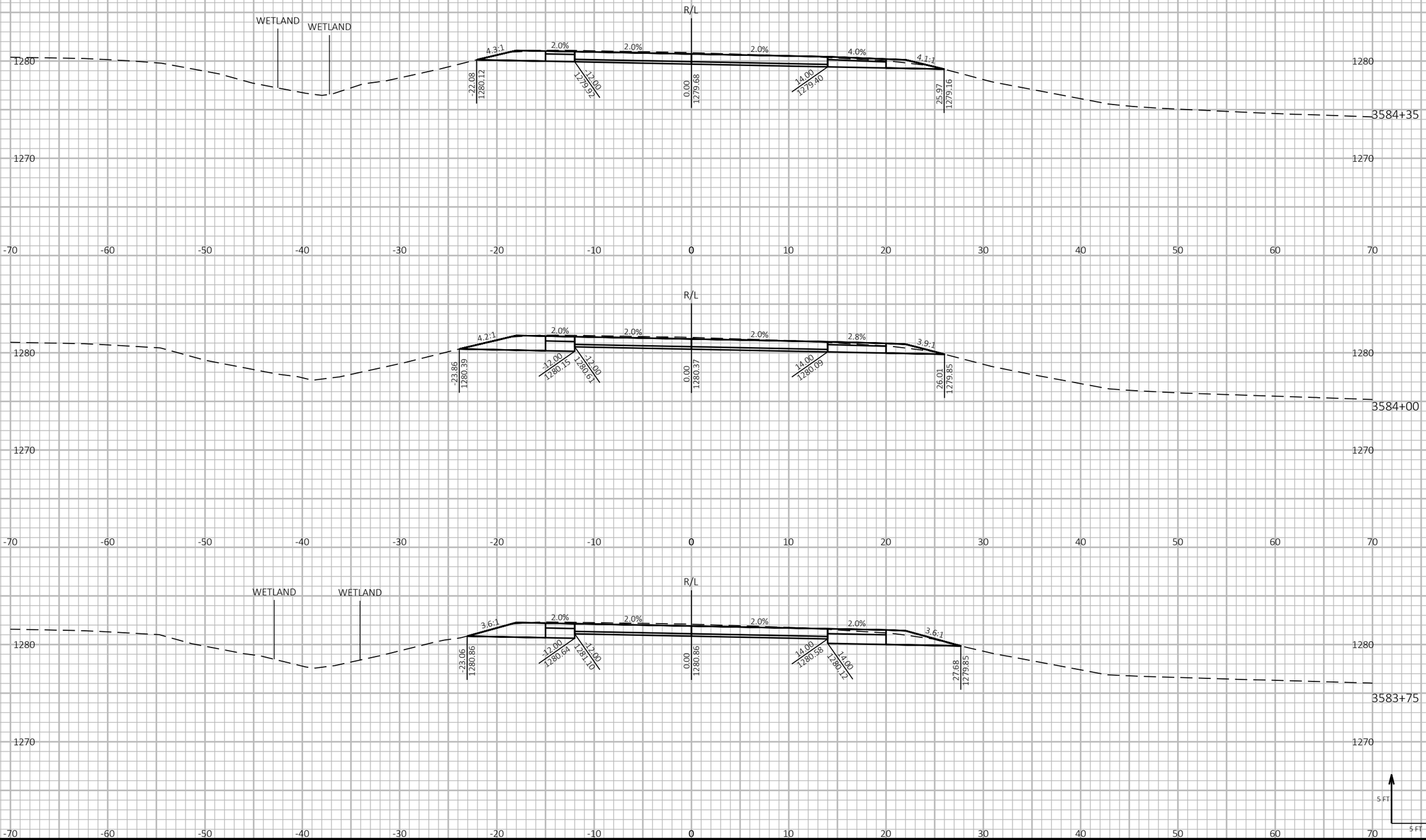
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 655	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 12

PLOT DATE : 10/4/2022 12:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

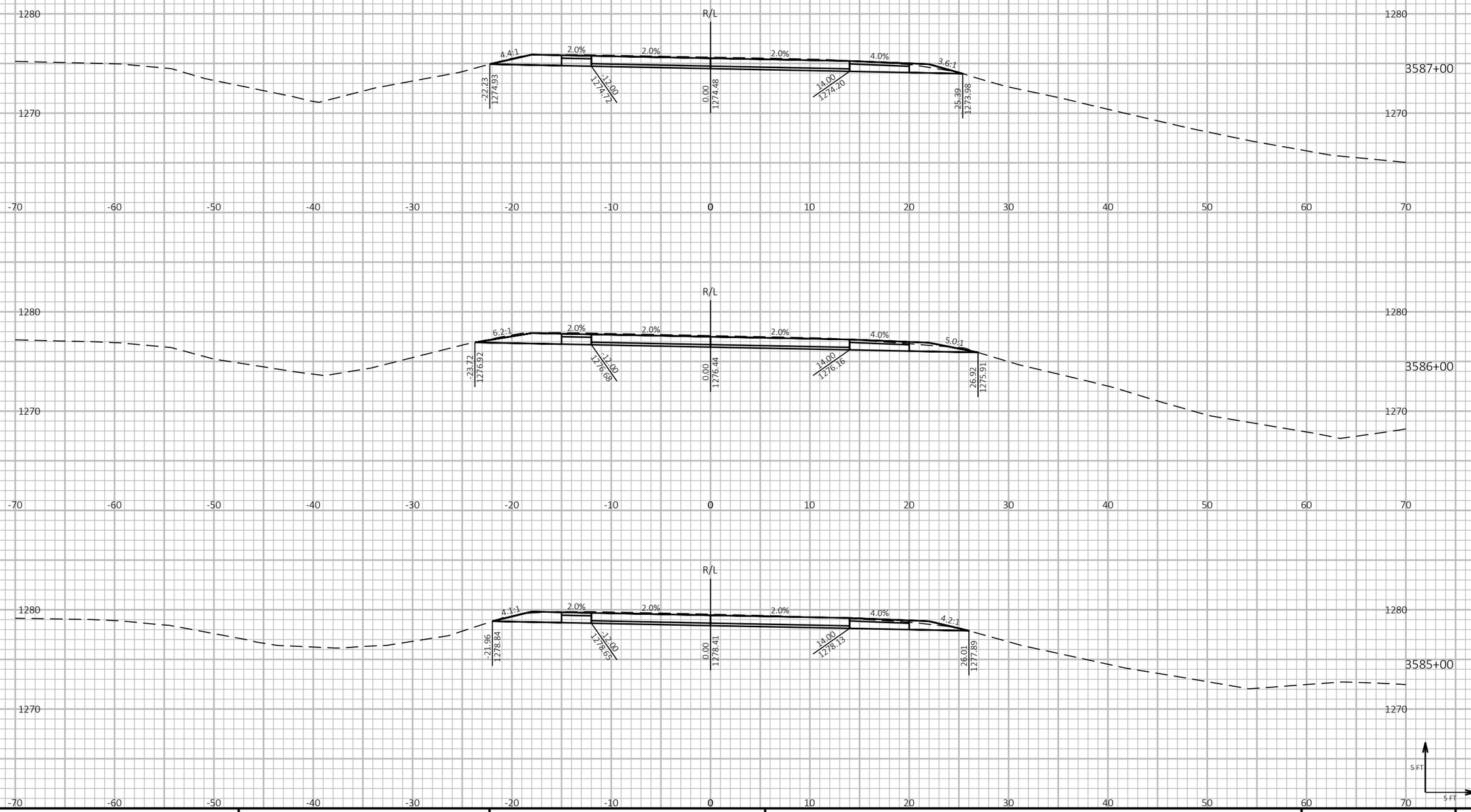
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 656	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 10/4/2022 12:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

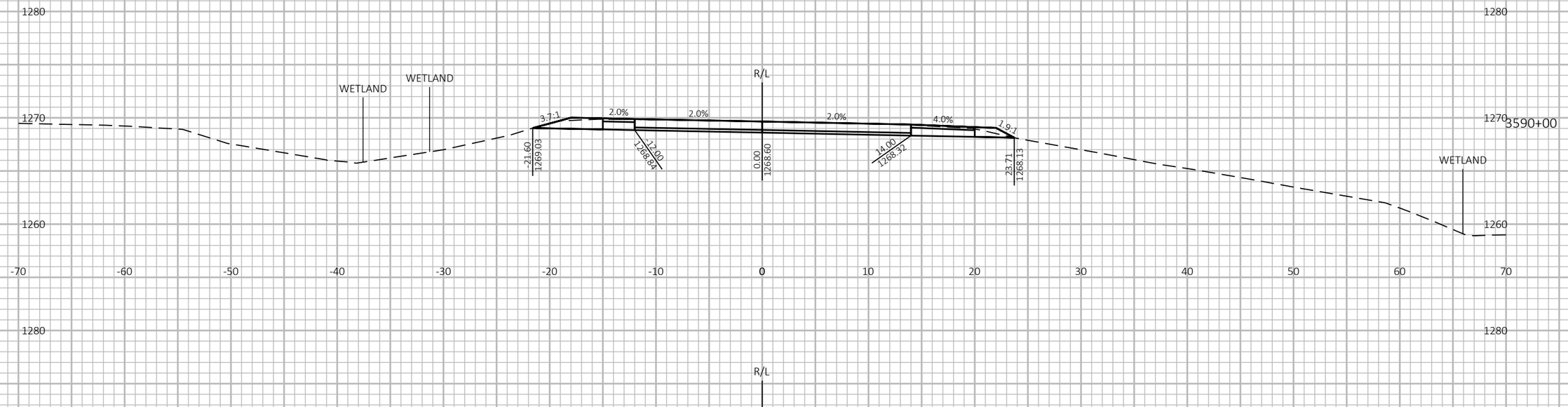
WISDOT/CADDS SHEET 49

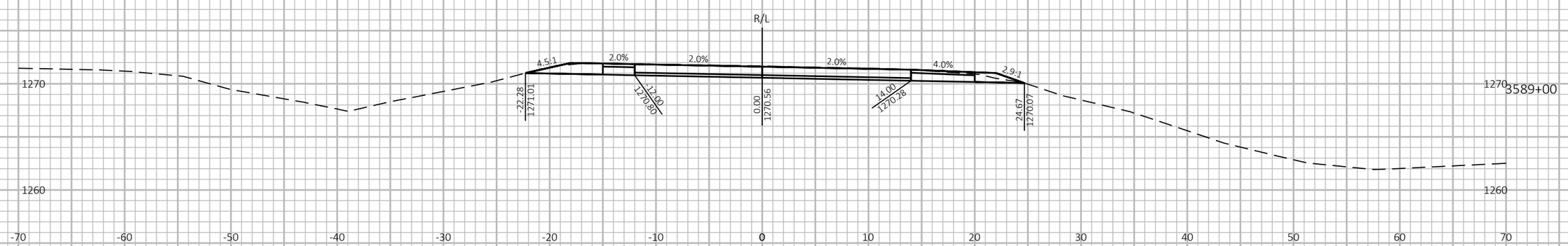
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 657	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 10/4/2022 12:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

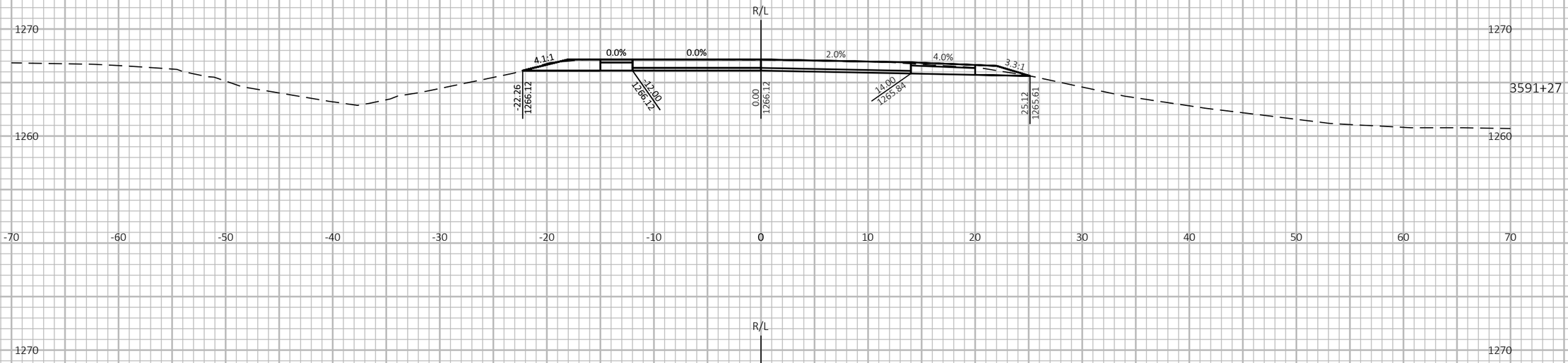
WISDOT/CADDS SHEET 49

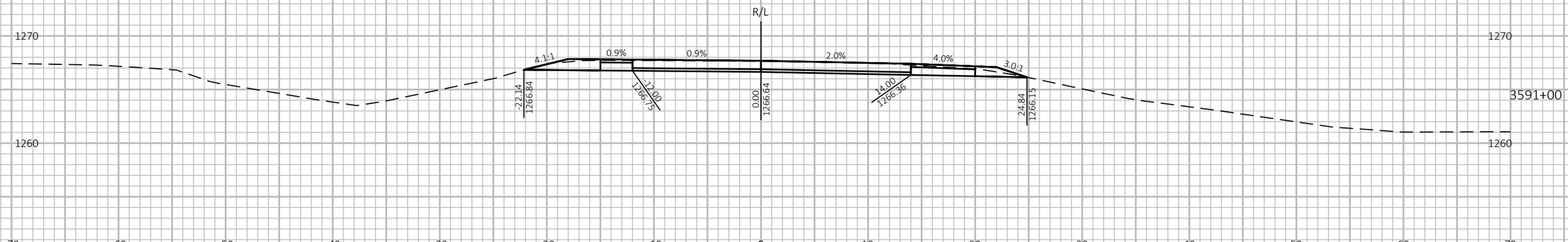
LEGEND

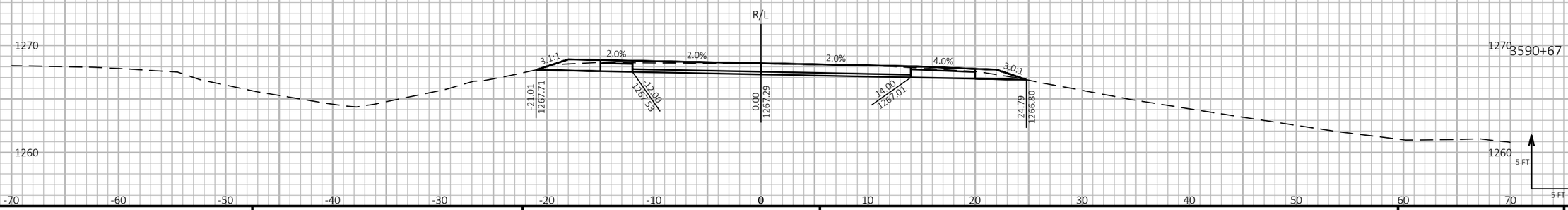
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 658	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 10/4/2022 12:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

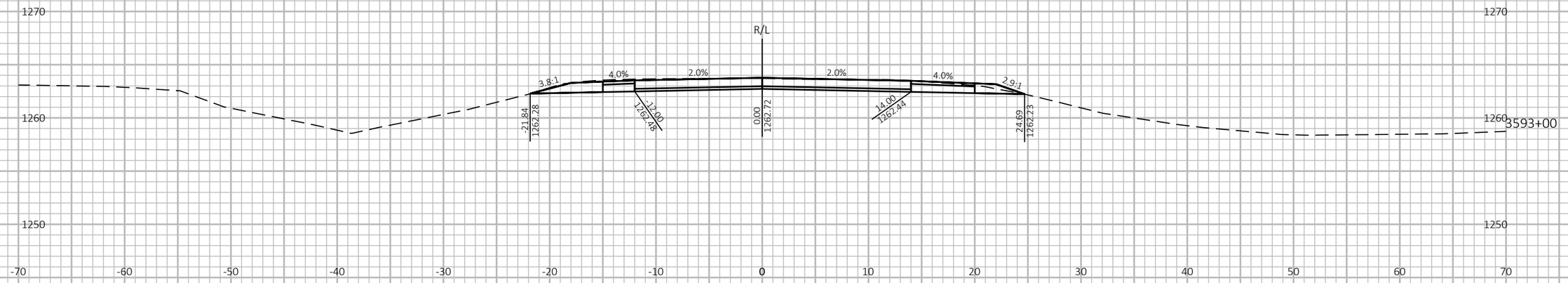
WISDOT/CADDS SHEET 49

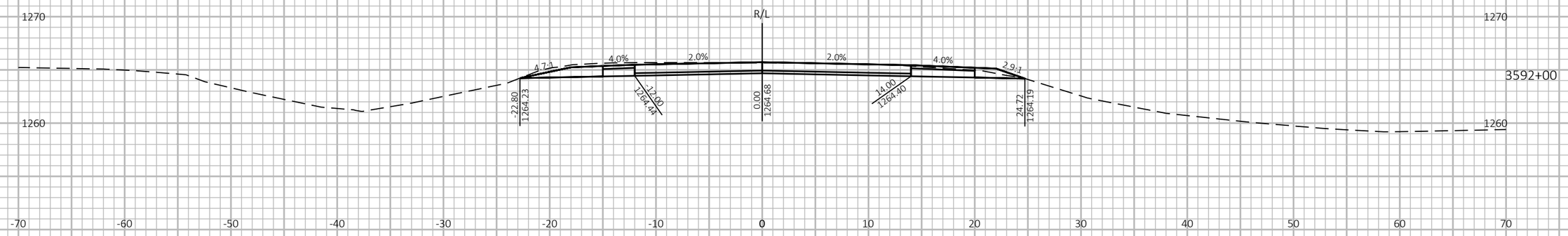
LEGEND

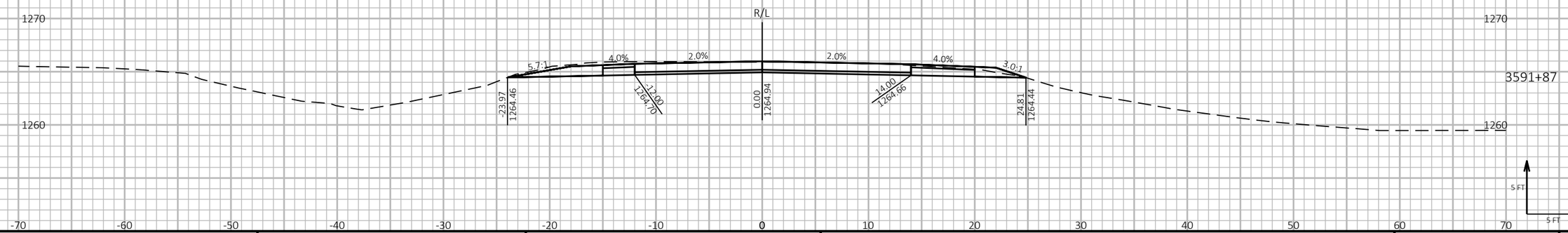
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 659	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 16

PLOT DATE : 10/4/2022 12:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

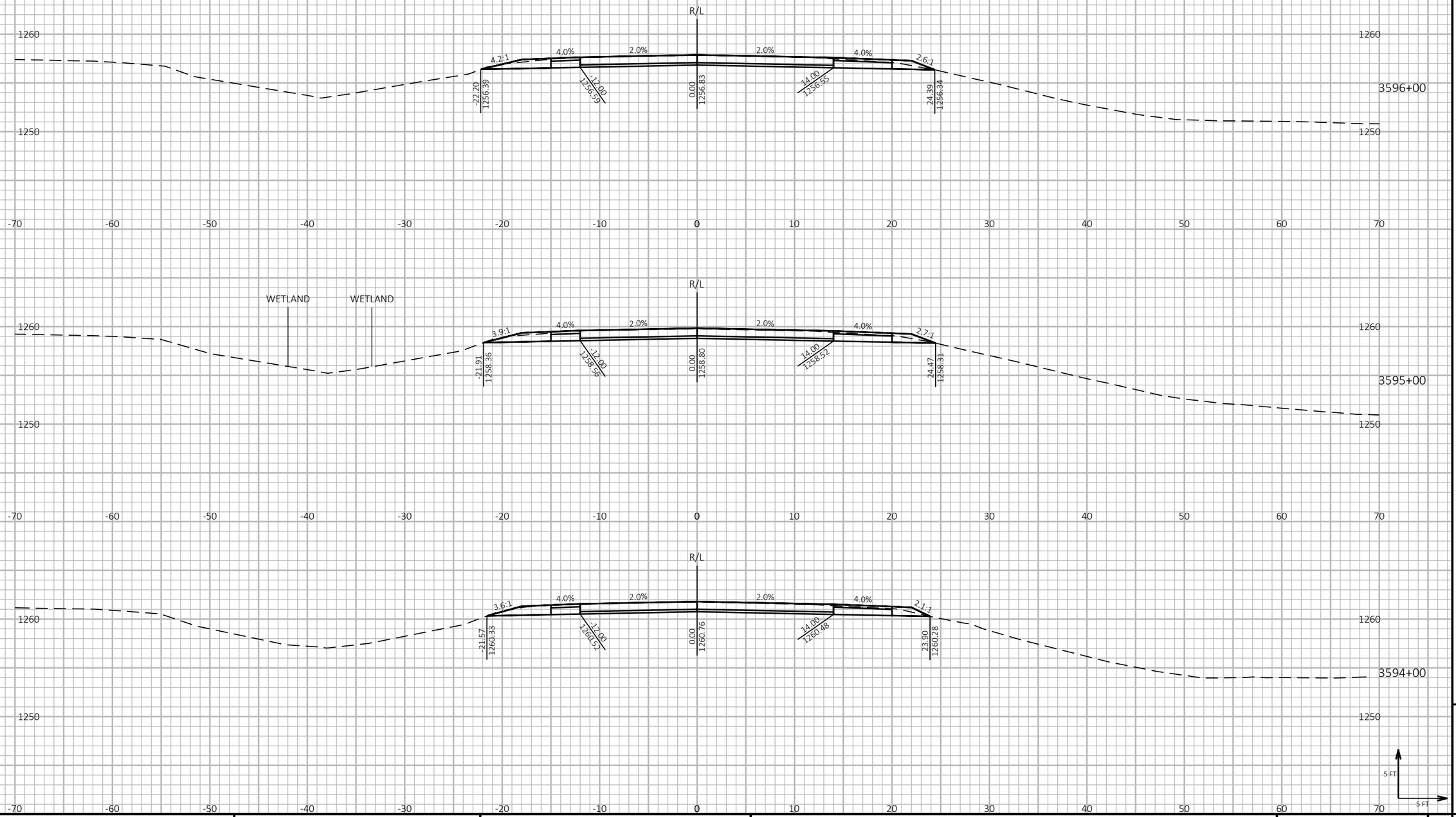
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 660	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 17

PLOT DATE : 10/4/2022 12:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

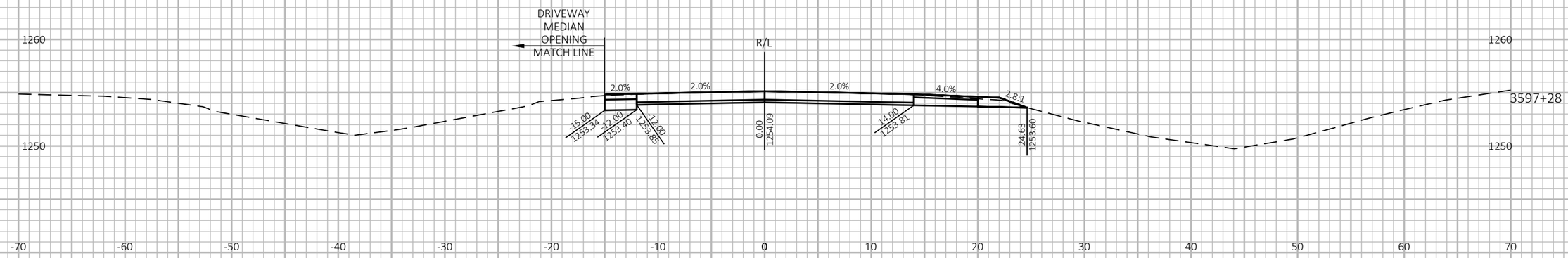
WISDOT/CADDS SHEET 49

LEGEND

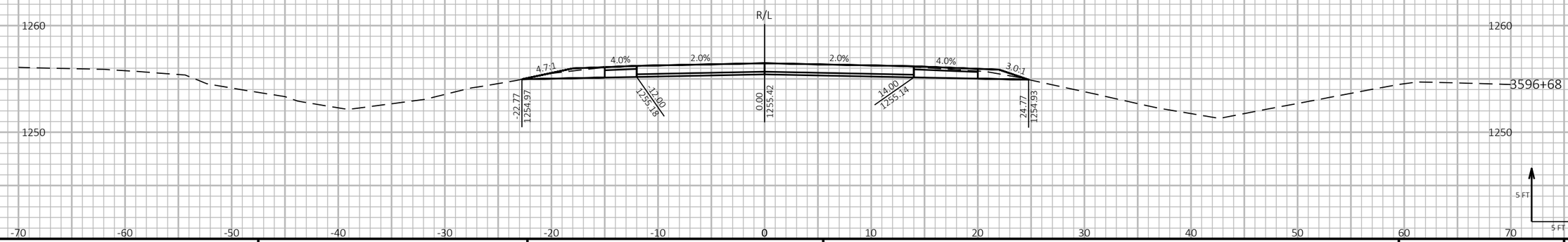
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 661	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 18

PLOT DATE : 10/4/2022 12:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

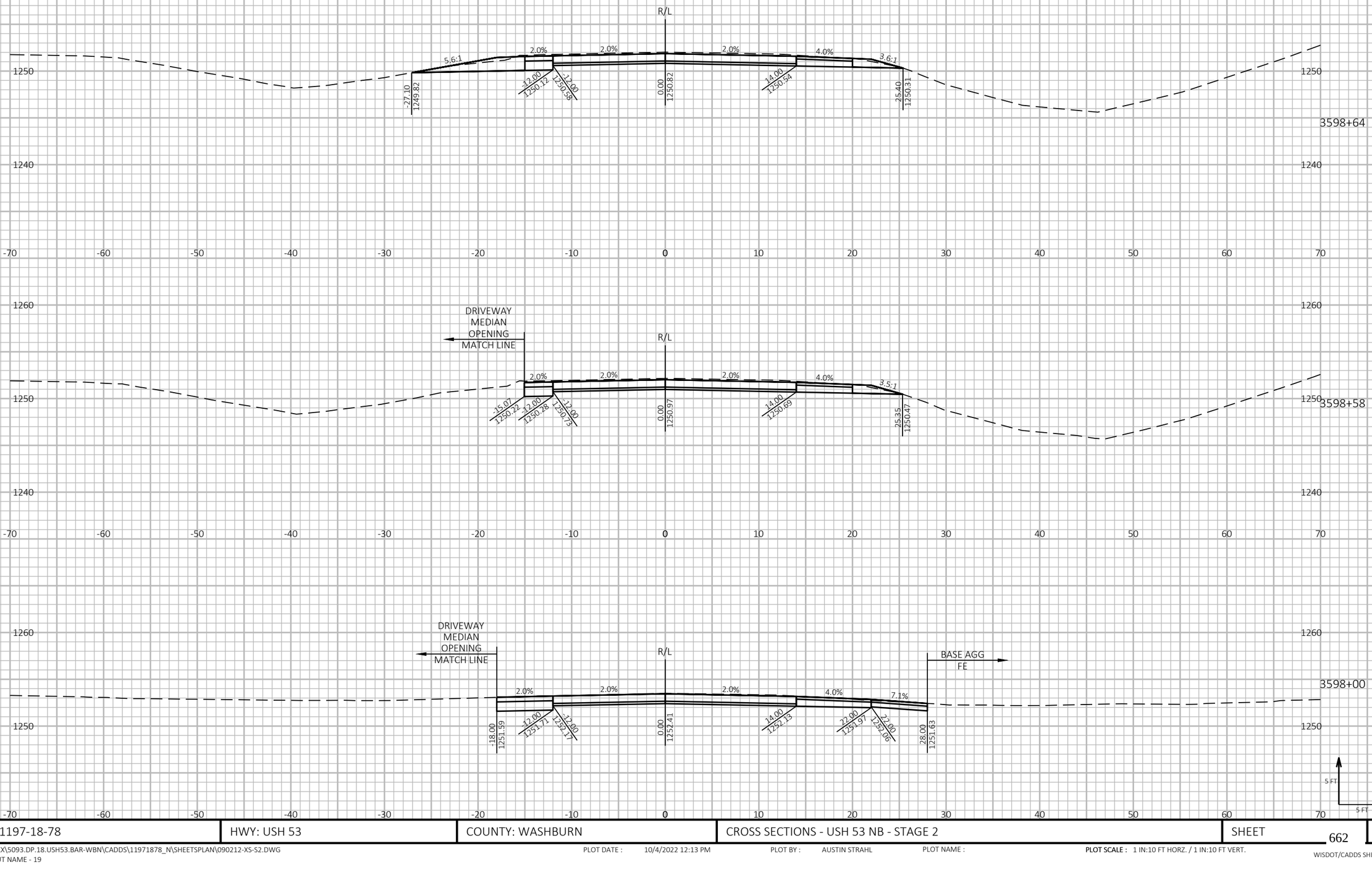
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 662	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 19

PLOT DATE : 10/4/2022 12:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

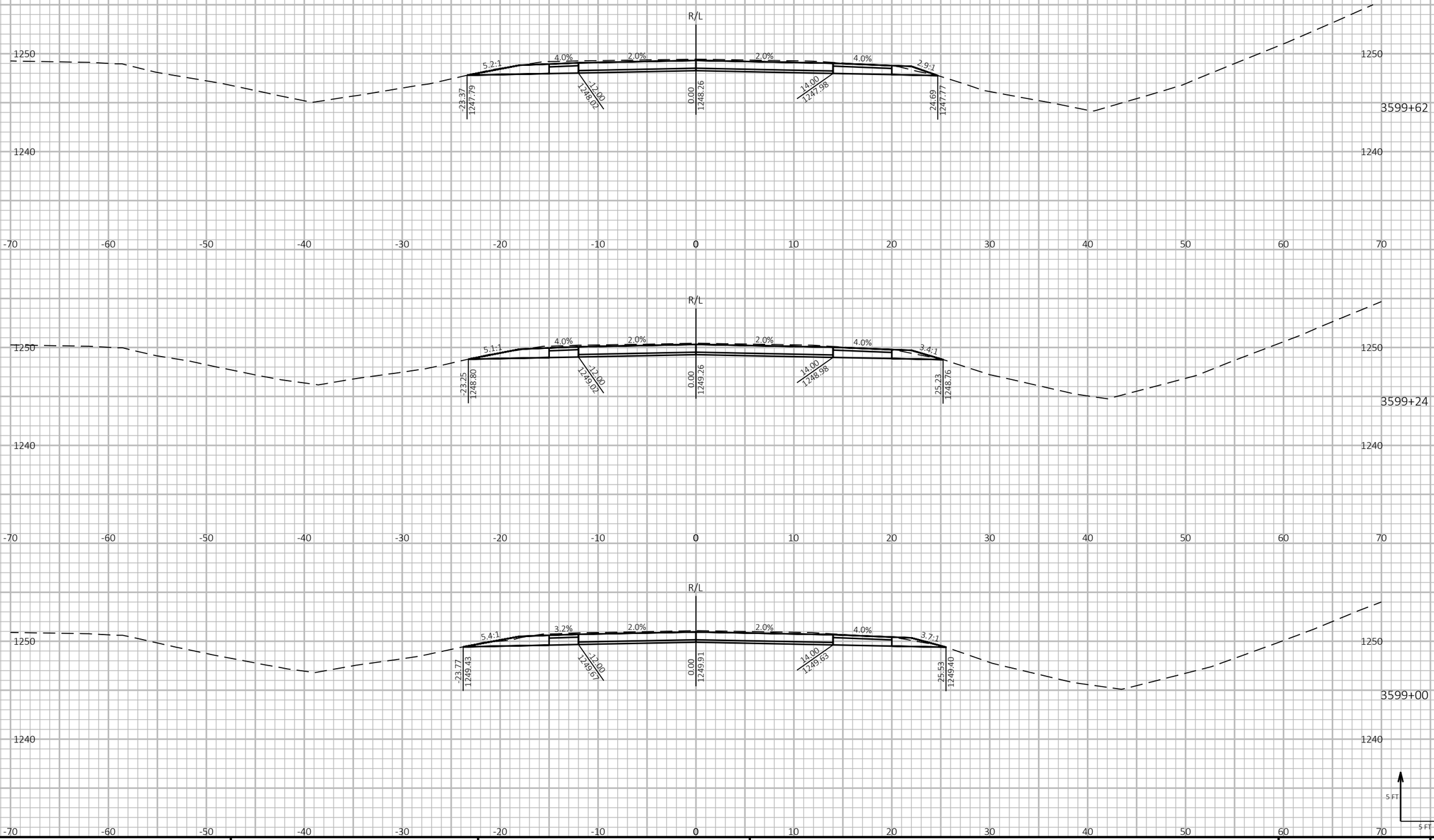
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 663	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 20

PLOT DATE : 10/4/2022 12:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

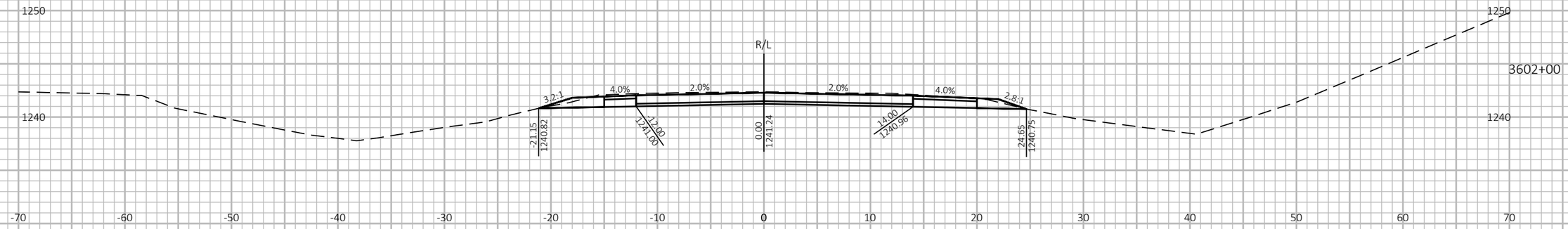
WISDOT/CADDS SHEET 49

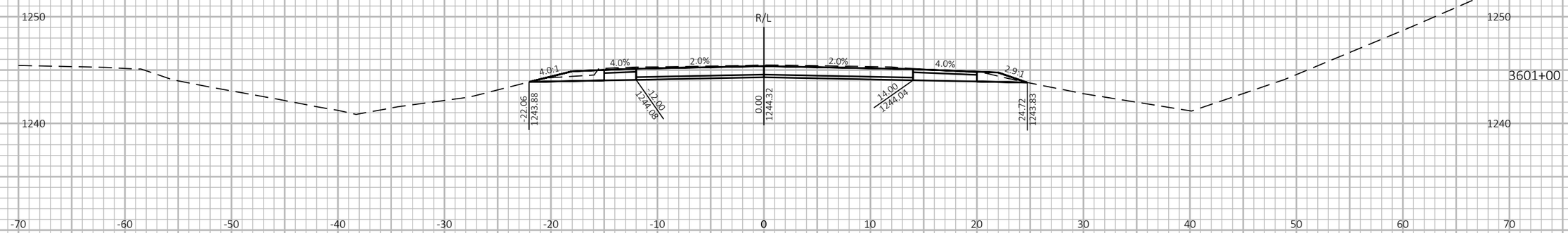
LEGEND

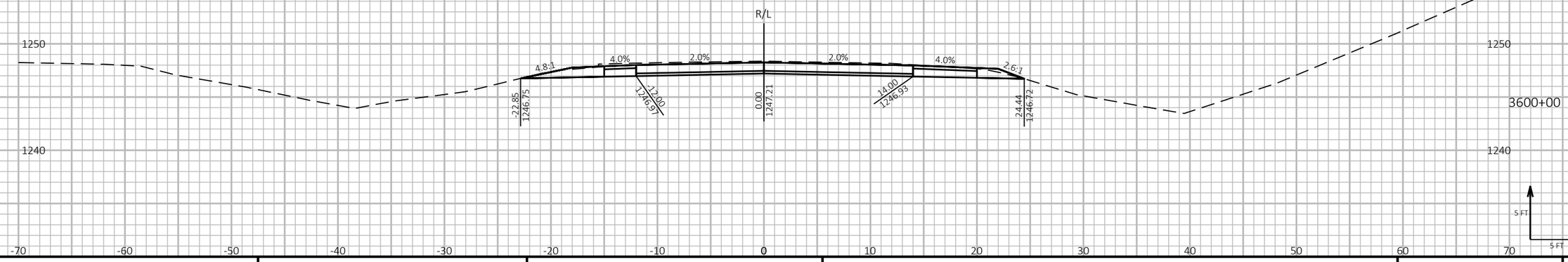
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 664	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 21

PLOT DATE : 10/4/2022 12:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 665	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 22

PLOT DATE : 10/4/2022 12:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

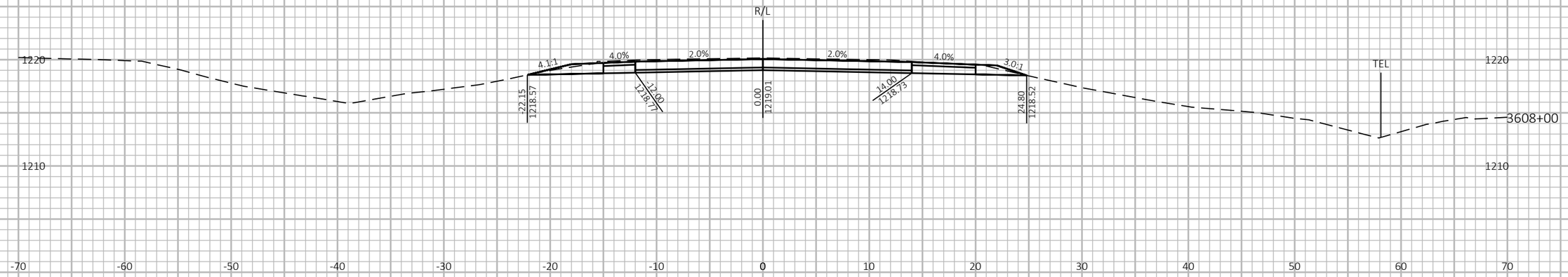
WISDOT/CADDS SHEET 49

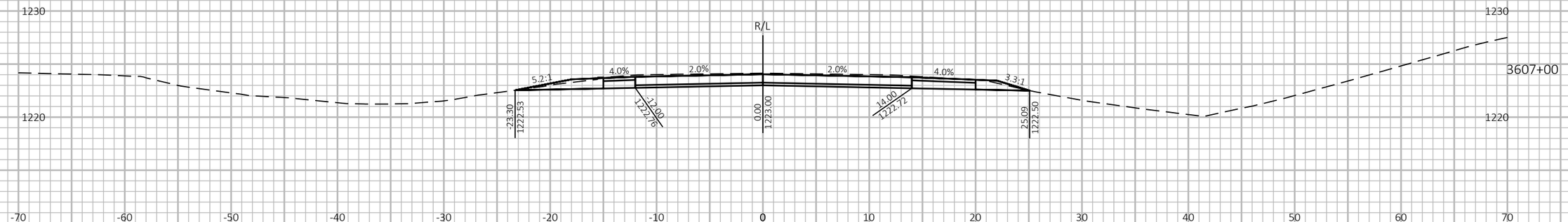
LEGEND

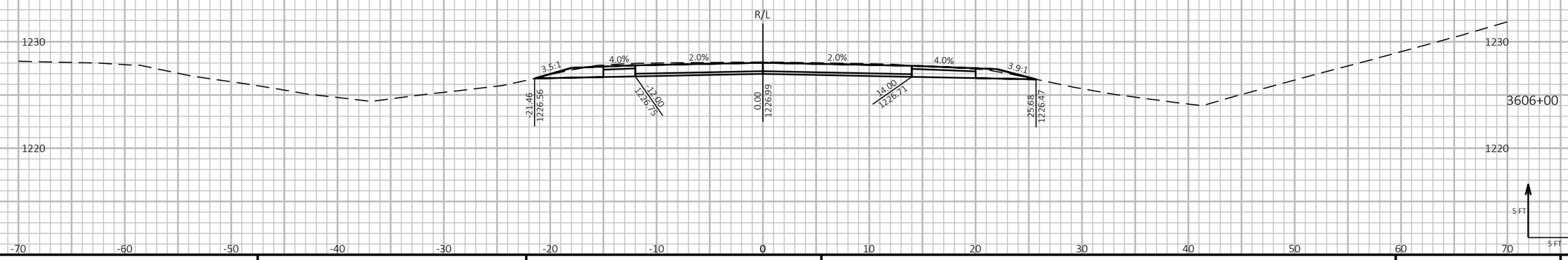
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 666	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 23

PLOT DATE : 10/4/2022 12:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

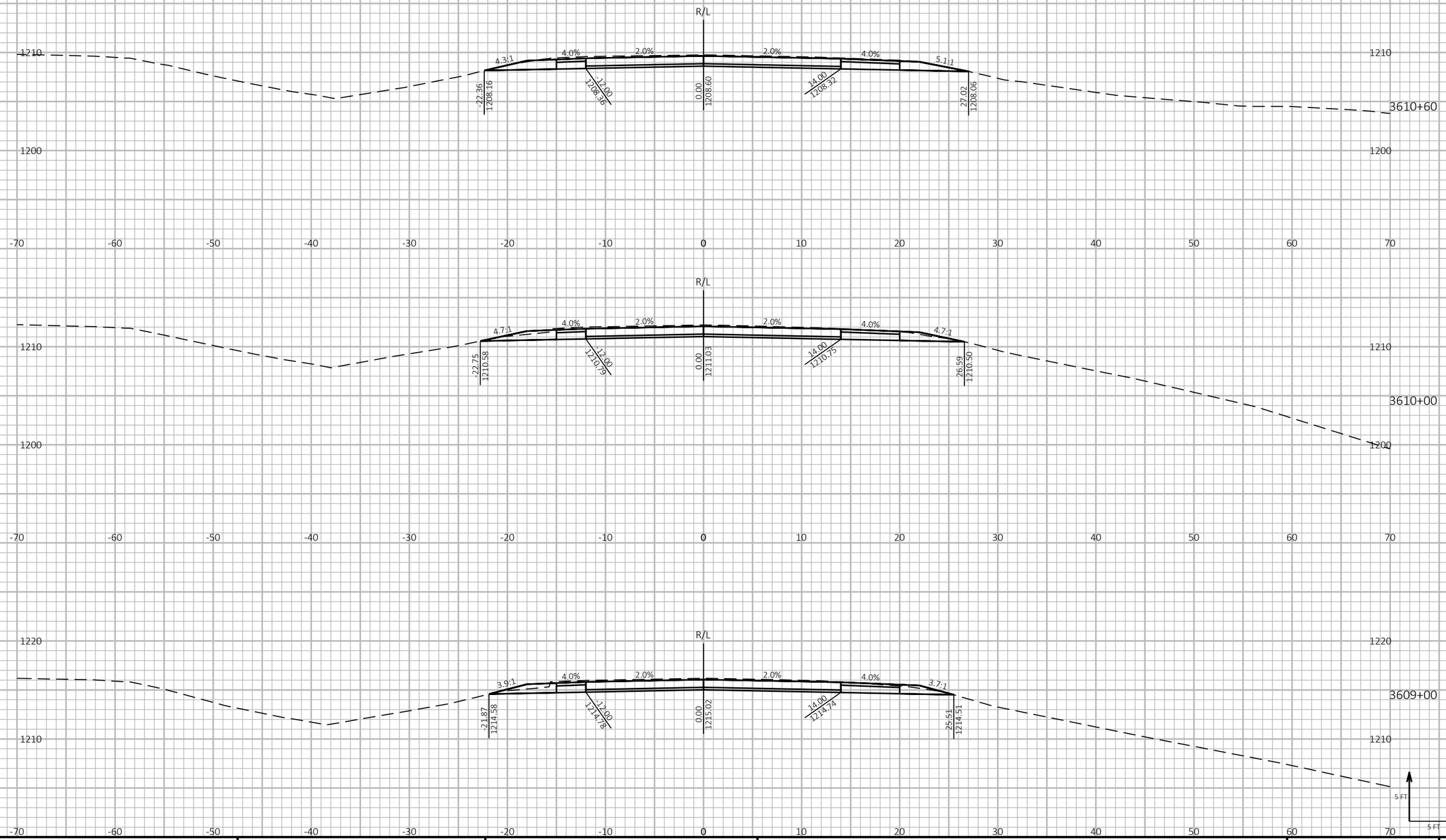
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 667	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 24

PLOT DATE : 10/4/2022 12:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

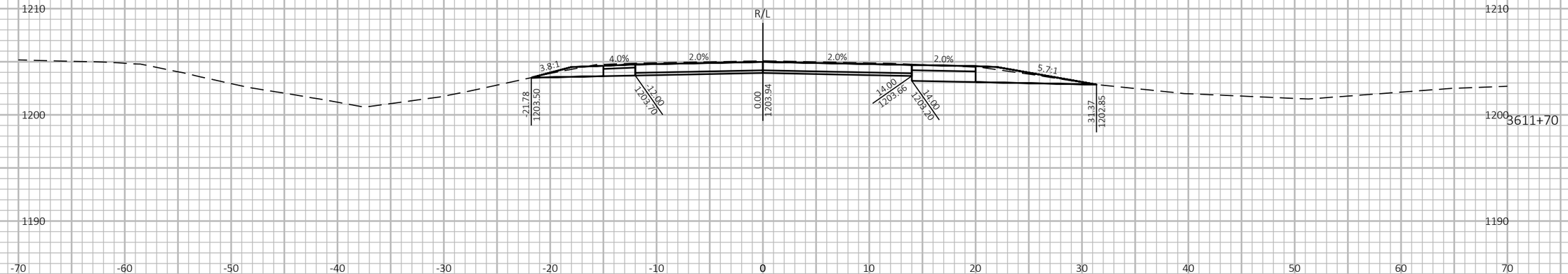
WISDOT/CADDS SHEET 49

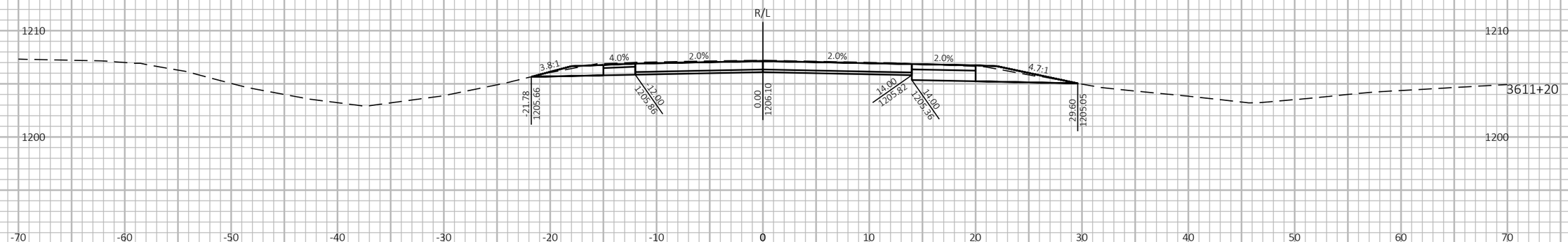
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 668	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 25

PLOT DATE : 10/4/2022 12:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

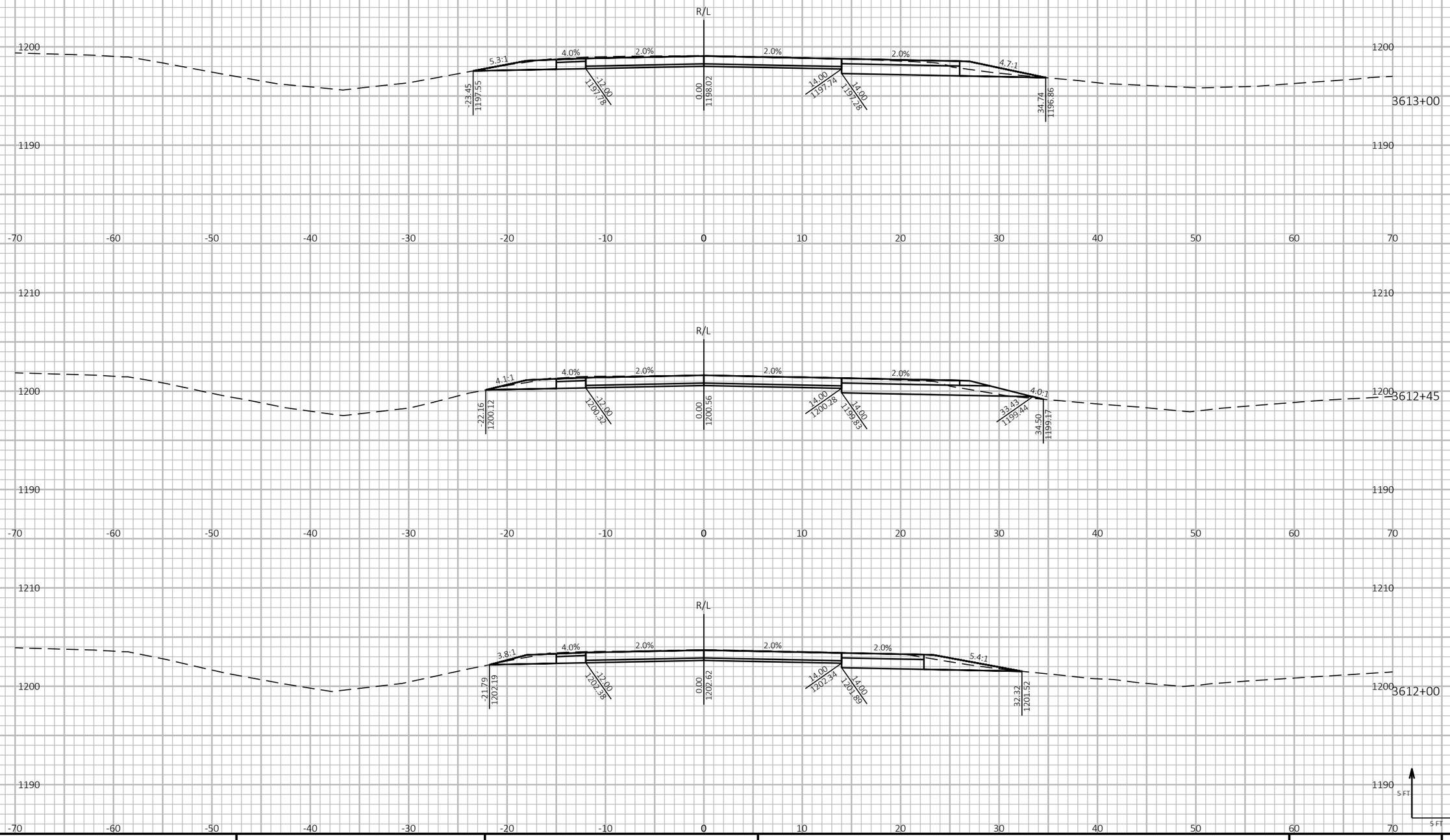
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 669	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 26

PLOT DATE : 10/4/2022 12:14 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

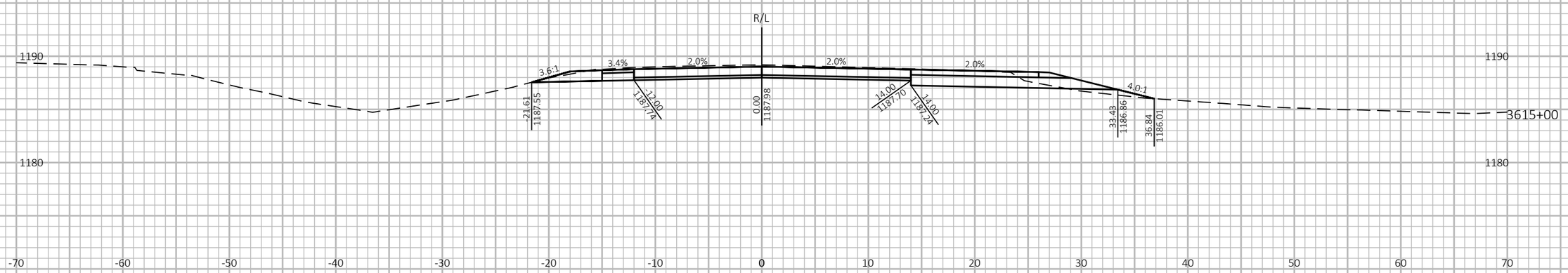
WISDOT/CADDS SHEET 49

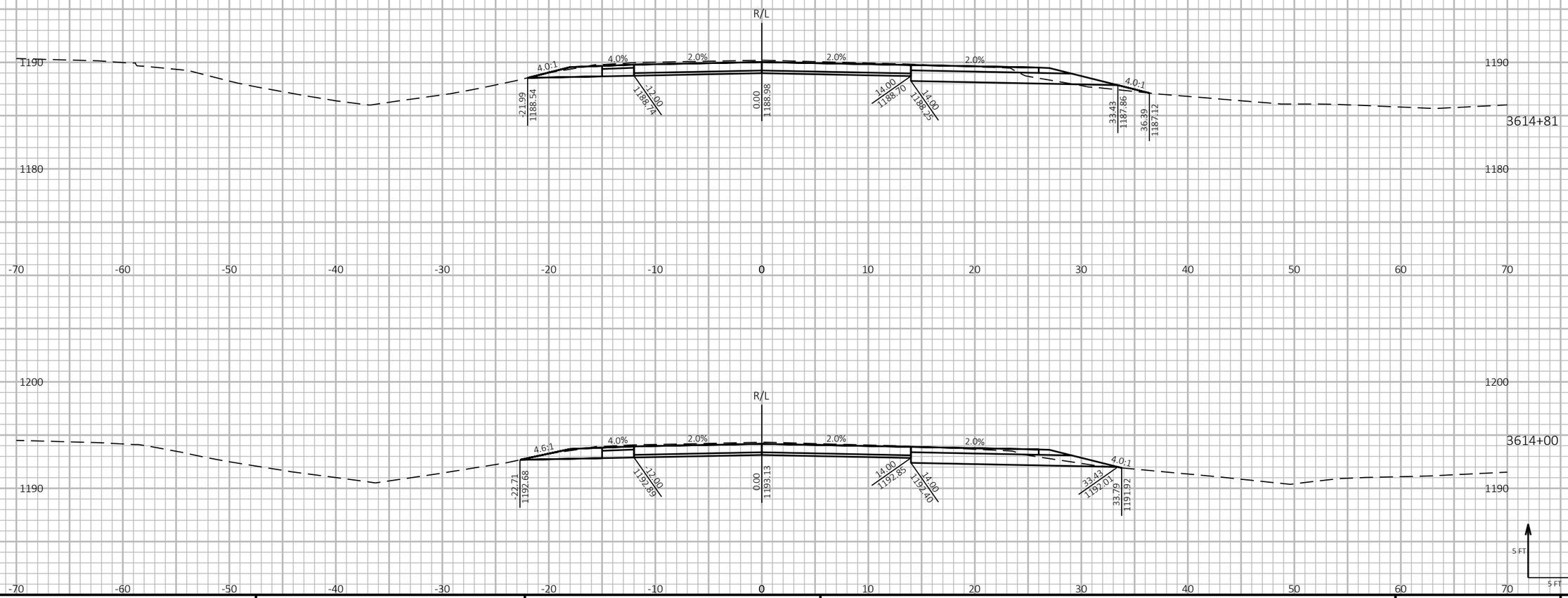
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





5 FT

5 FT

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 670	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 27

PLOT DATE : 10/4/2022 12:14 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

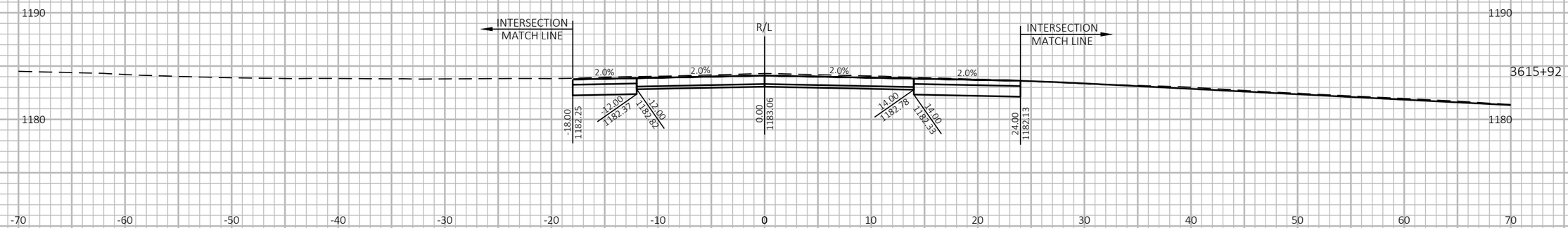
WISDOT/CADDS SHEET 49

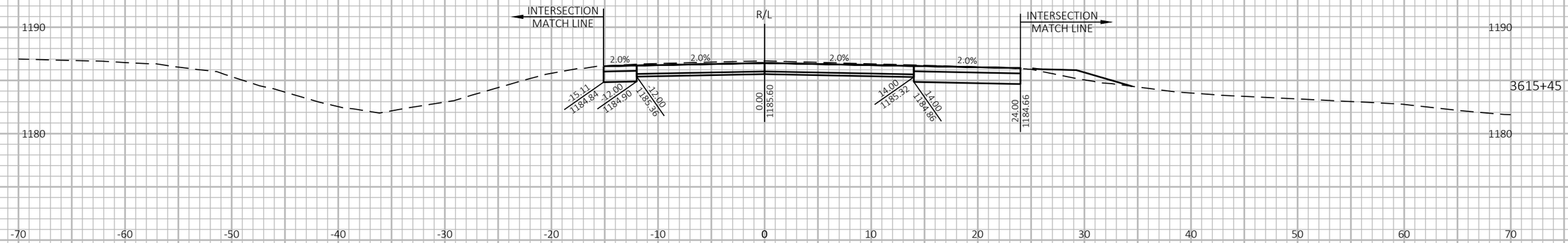
LEGEND

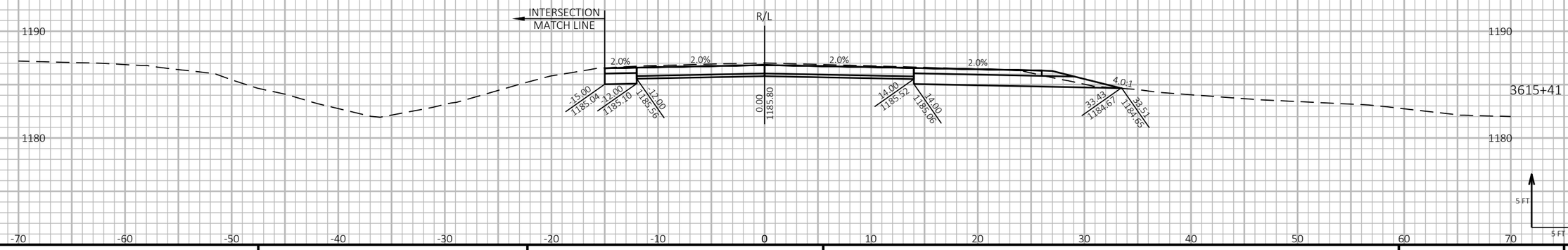
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







5 FT

5 FT

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 671	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 28

PLOT DATE : 10/4/2022 12:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

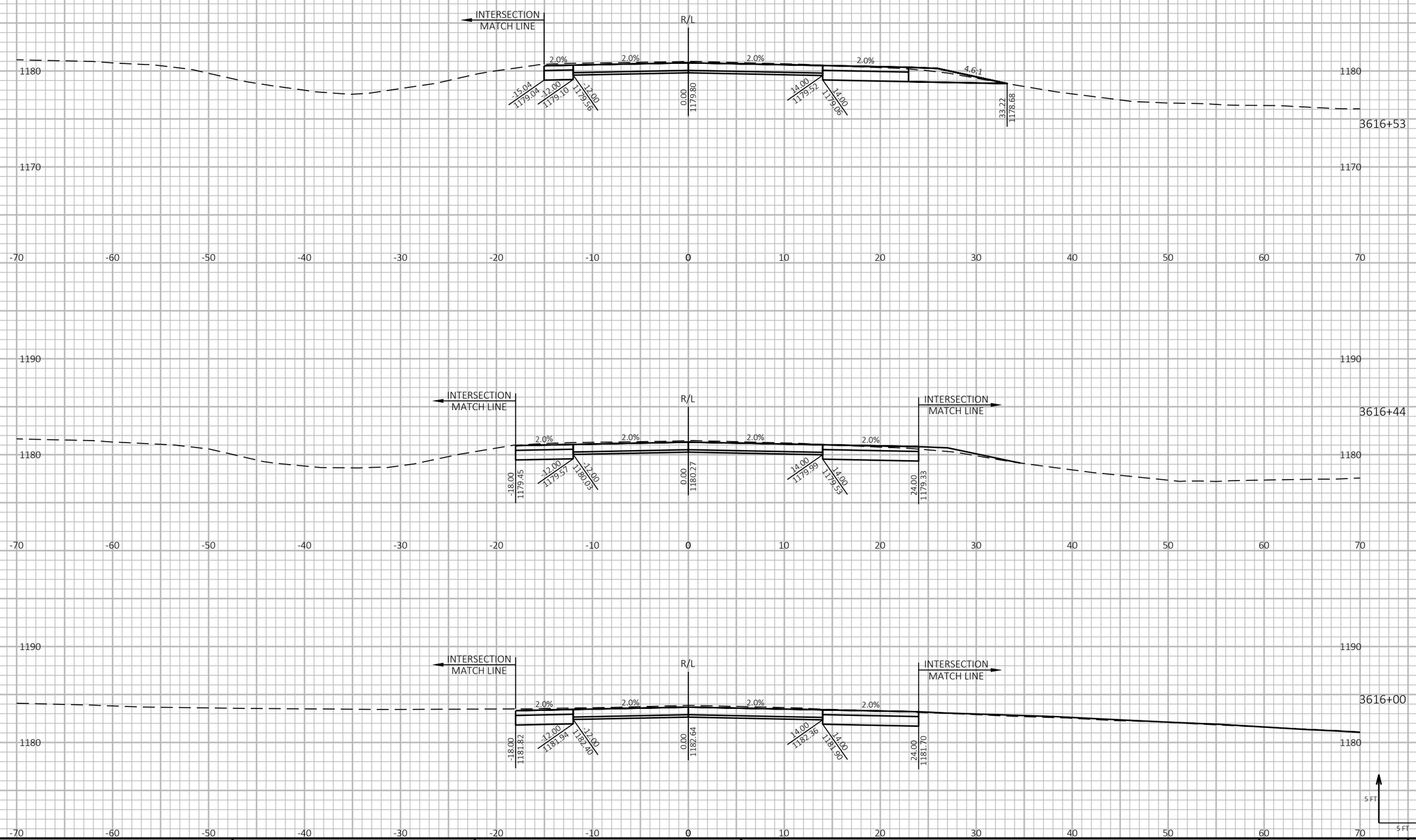
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 672	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 29

PLOT DATE : 10/4/2022 12:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

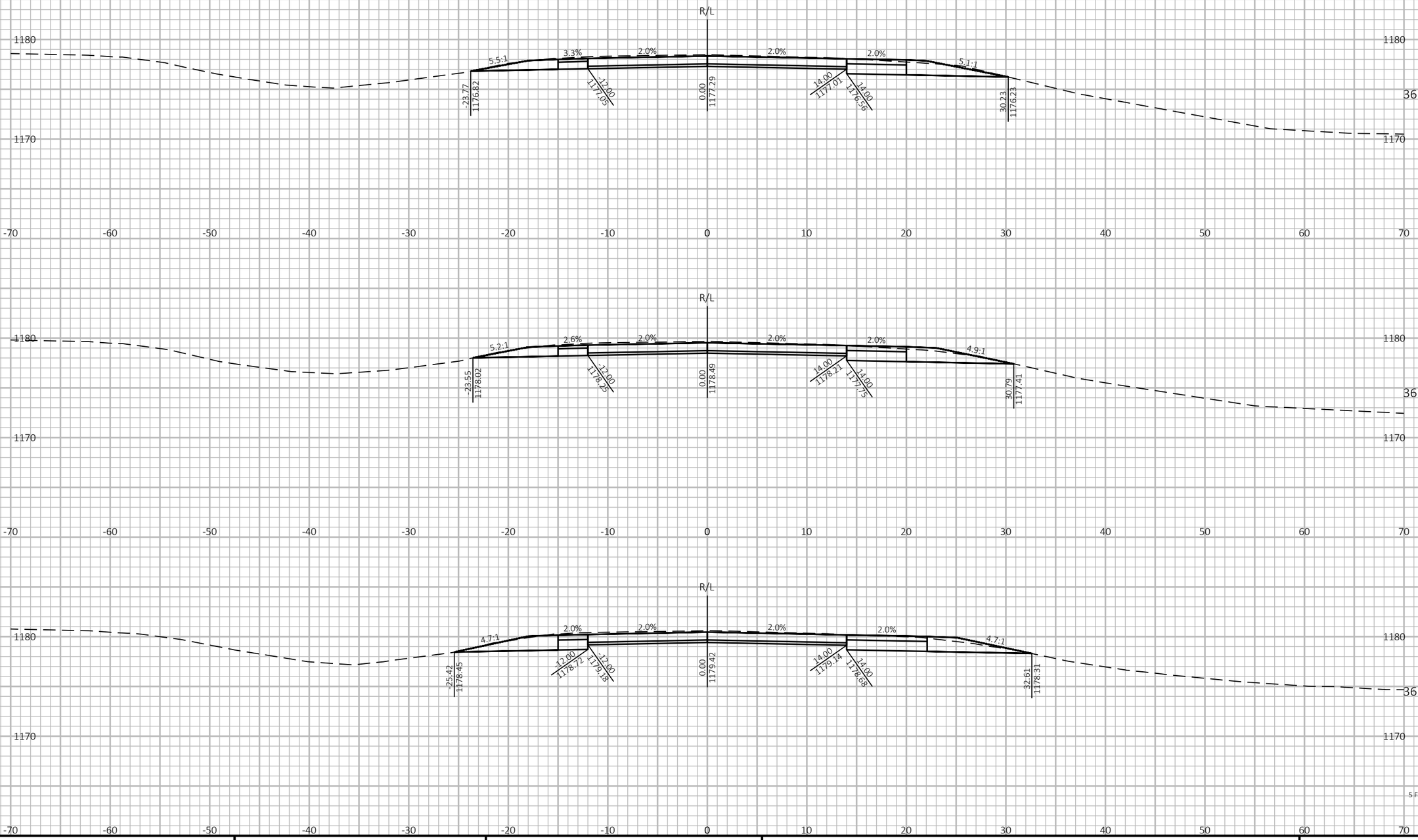
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 673	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 30

PLOT DATE : 10/4/2022 12:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

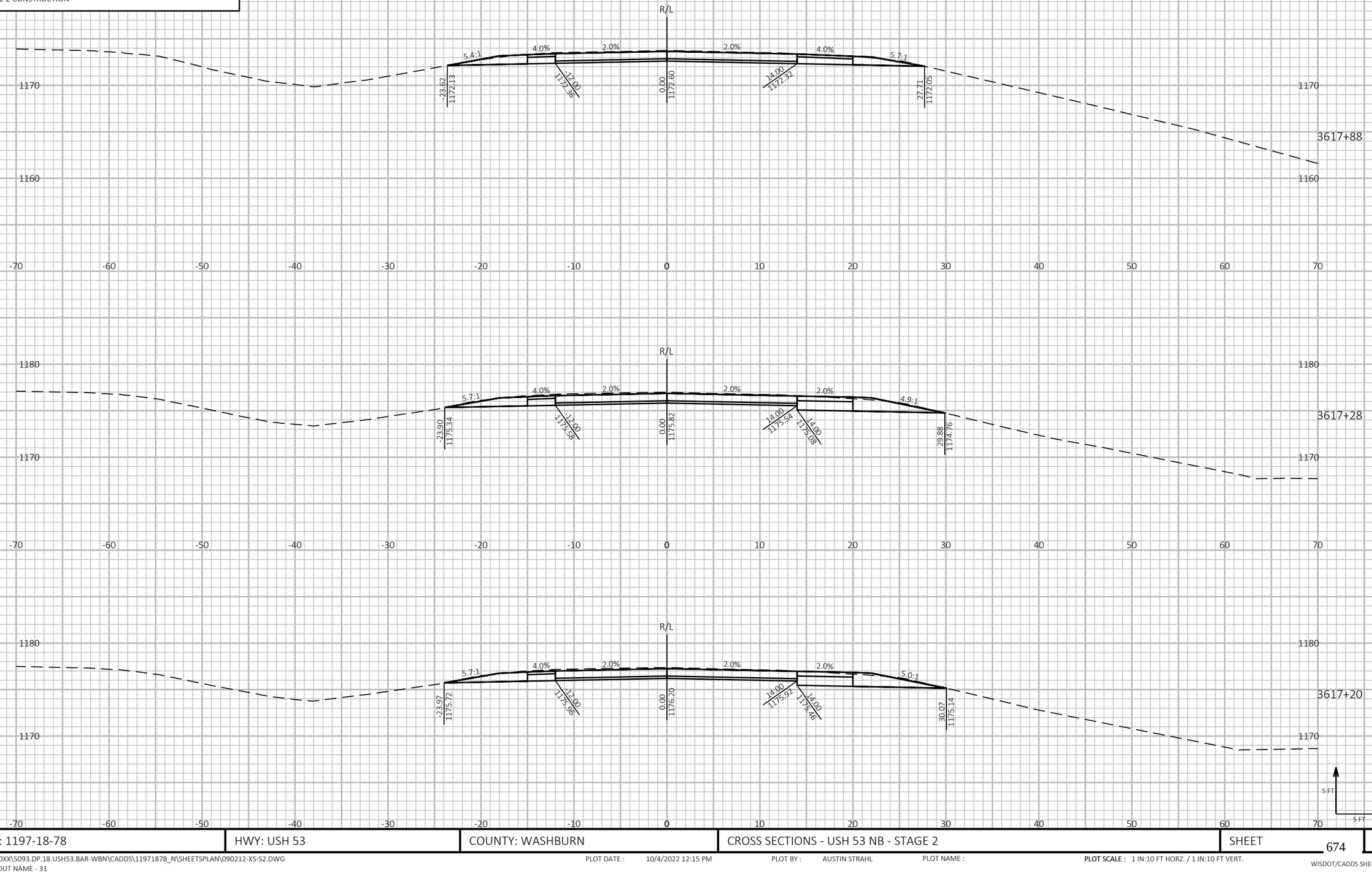
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 674	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 31

PLOT DATE : 10/4/2022 12:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

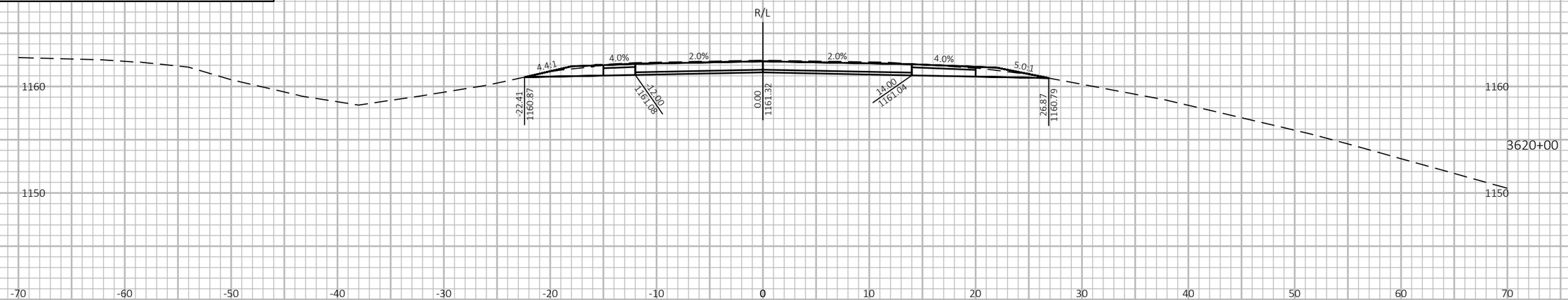
WISDOT/CADDS SHEET 49

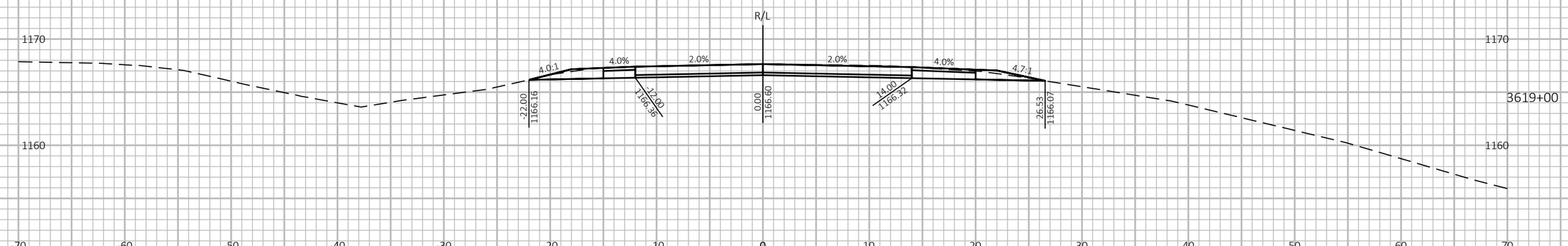
LEGEND

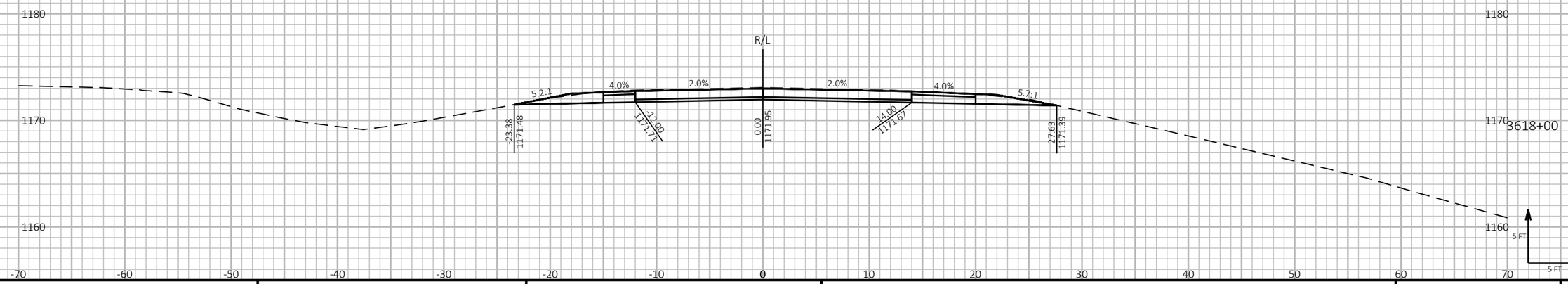
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 675	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 32

PLOT DATE : 10/4/2022 12:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

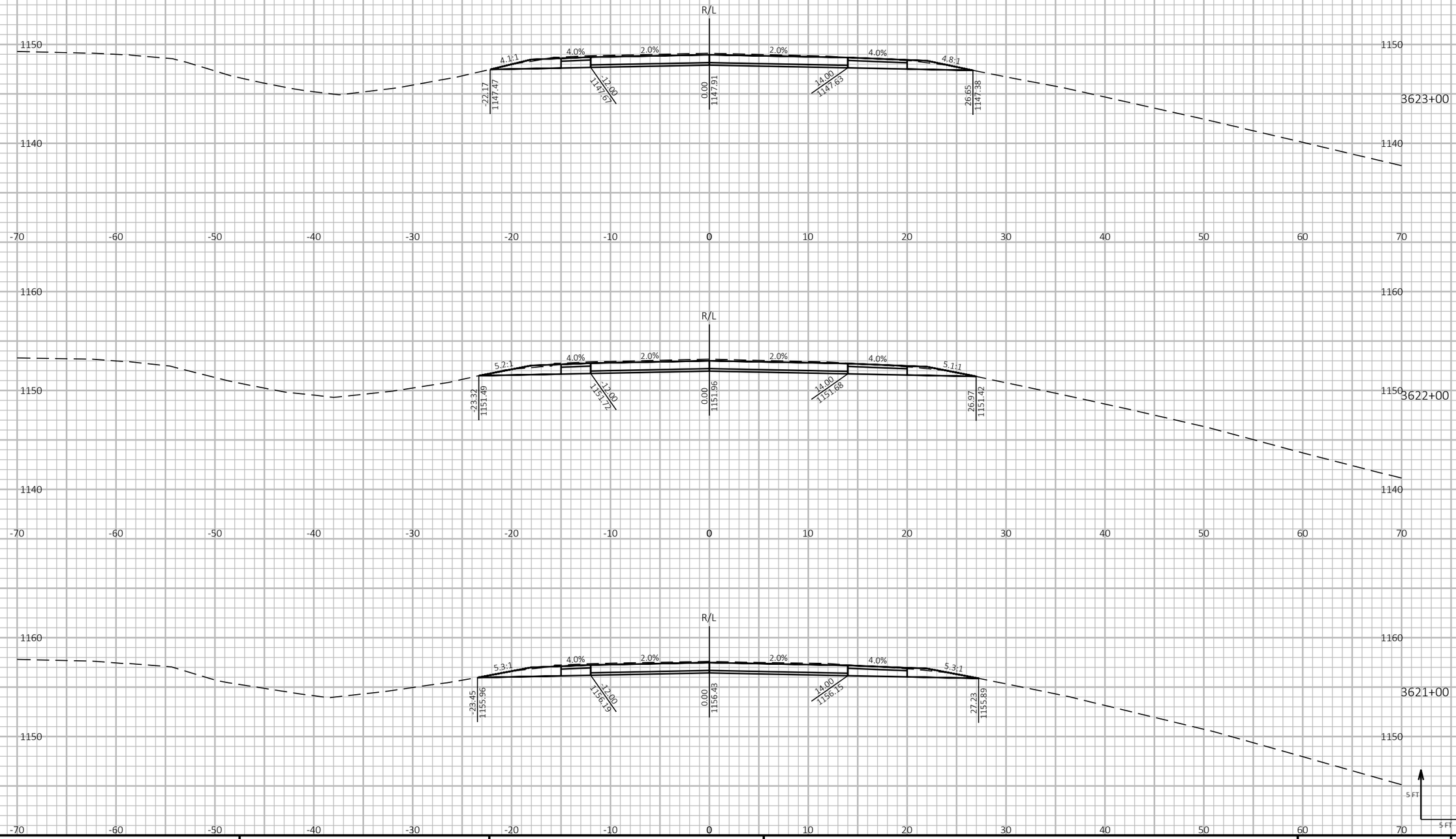
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 676	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 33

PLOT DATE : 10/4/2022 12:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

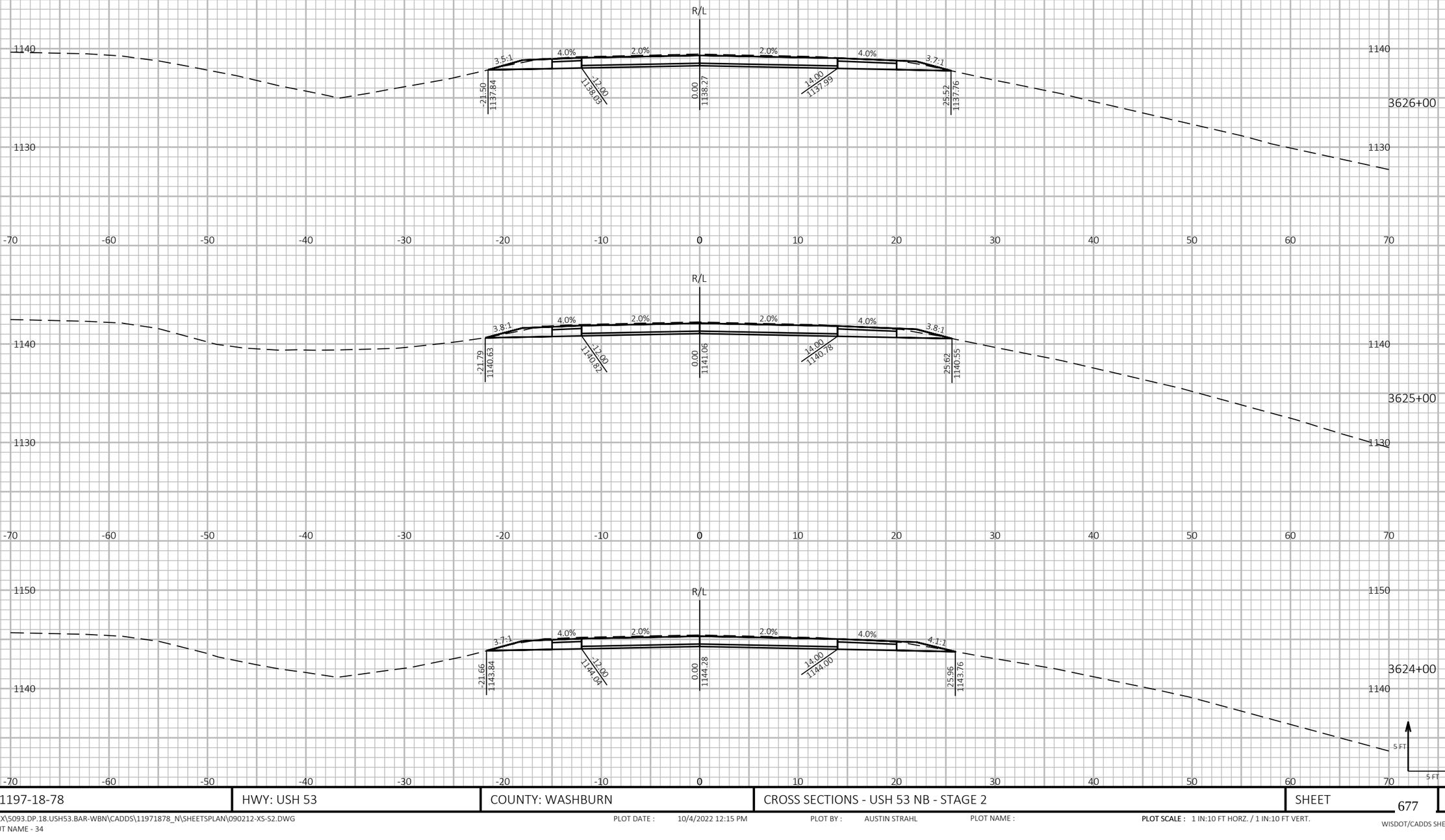
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 677	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 34

PLOT DATE : 10/4/2022 12:15 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

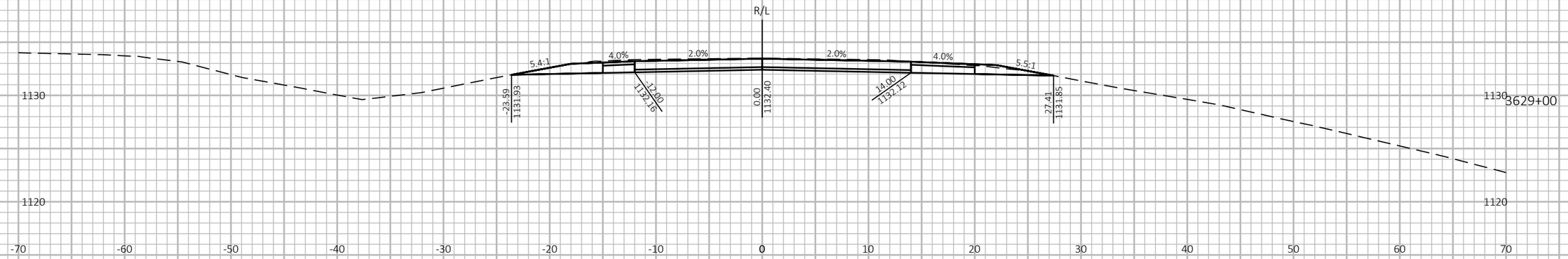
WISDOT/CADDS SHEET 49

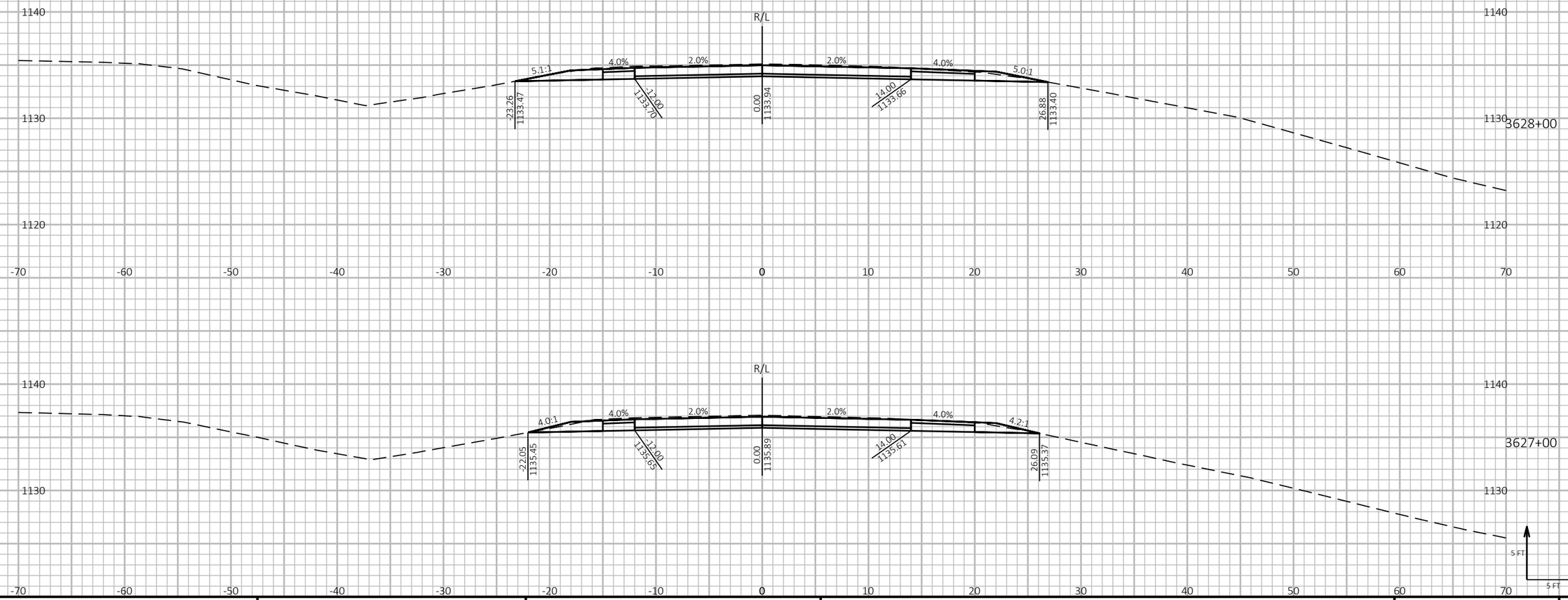
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 678	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 35

PLOT DATE : 10/4/2022 12:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

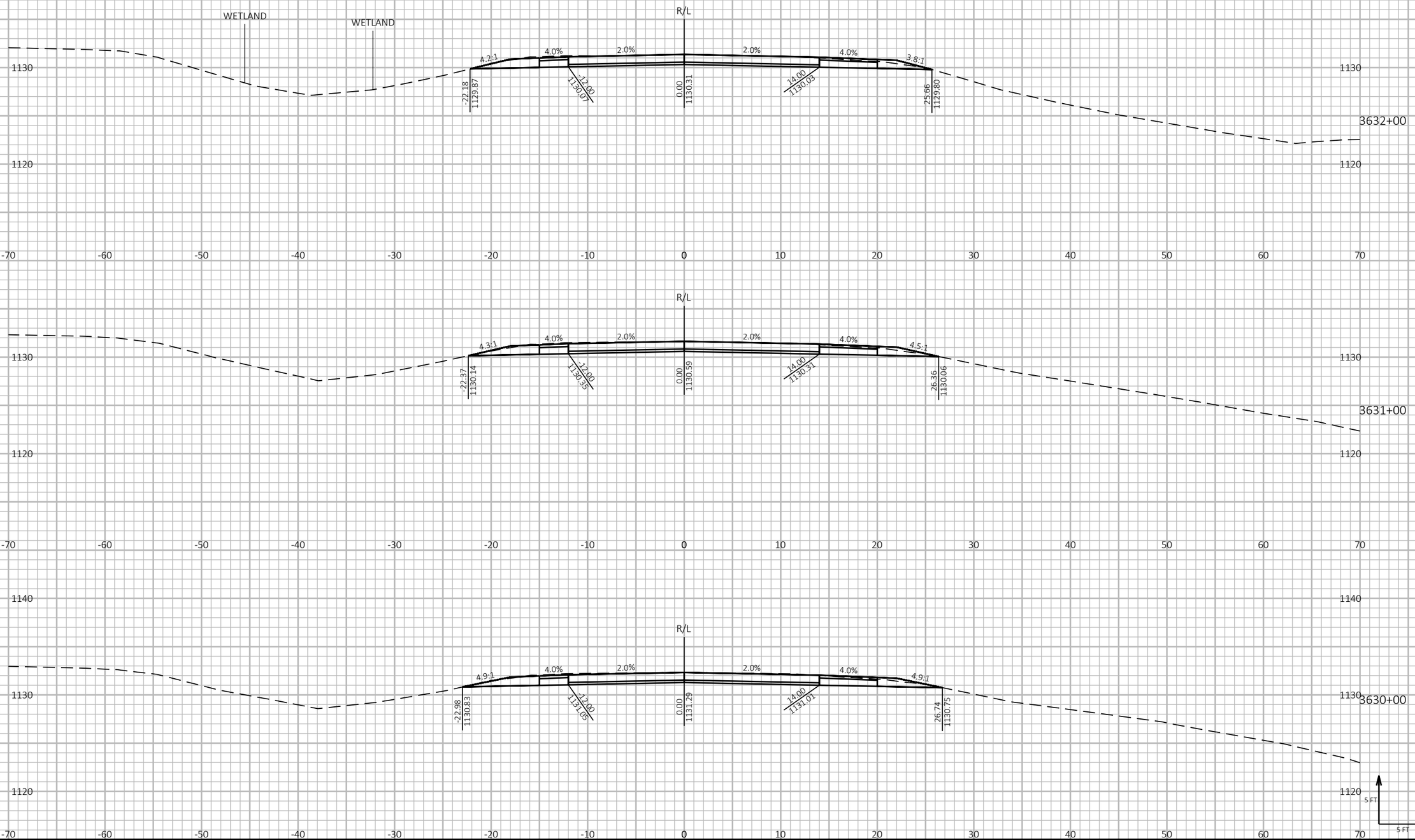
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 679	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 36

PLOT DATE : 10/4/2022 12:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

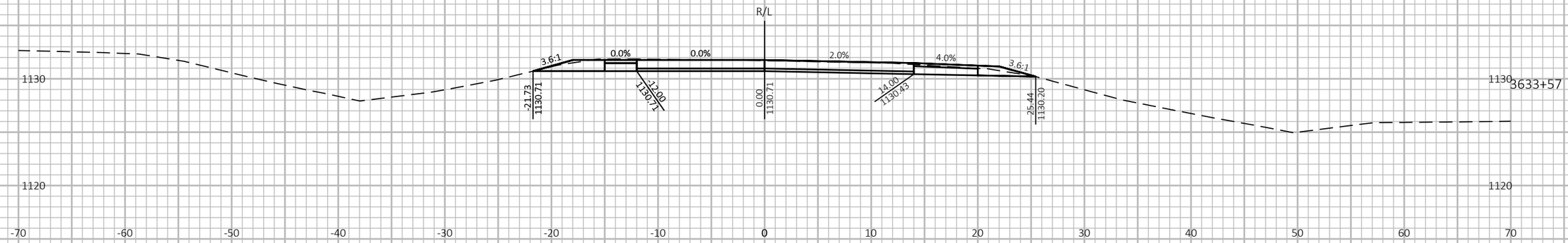
WISDOT/CADDS SHEET 49

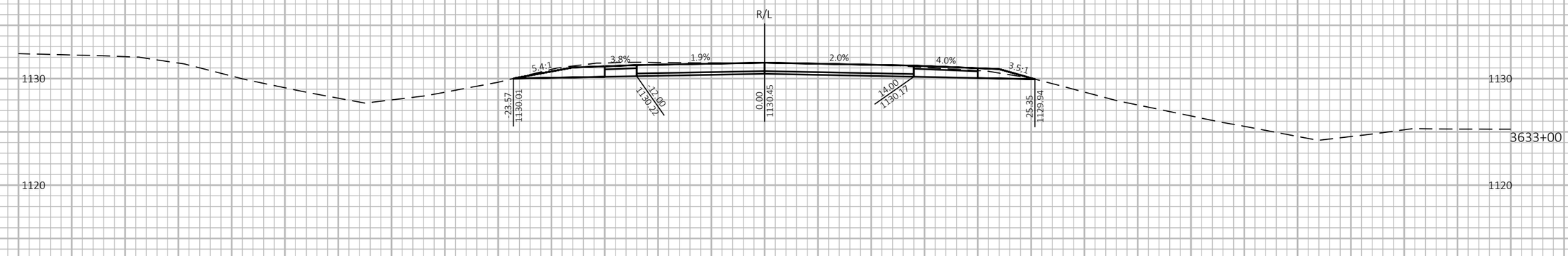
LEGEND

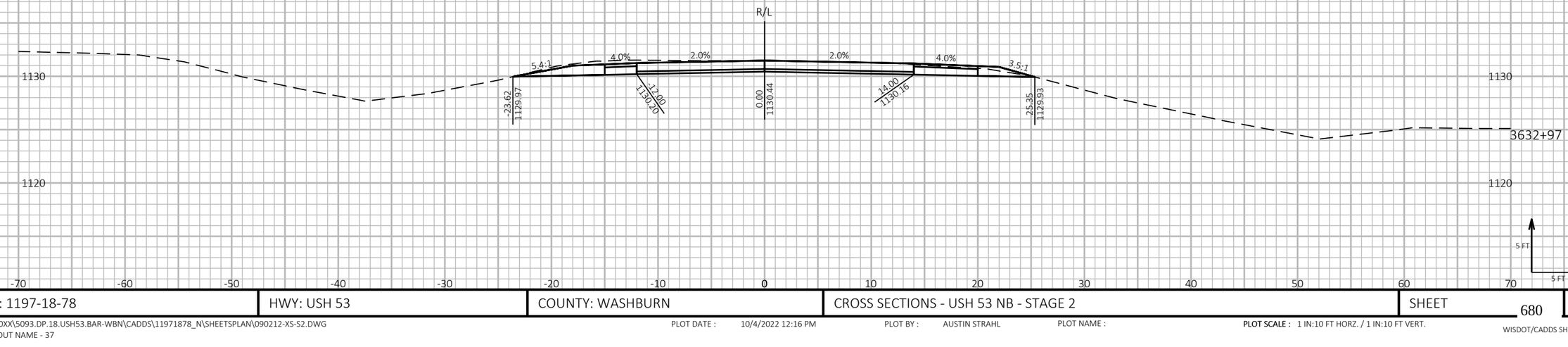
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 680	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 37

PLOT DATE : 10/4/2022 12:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

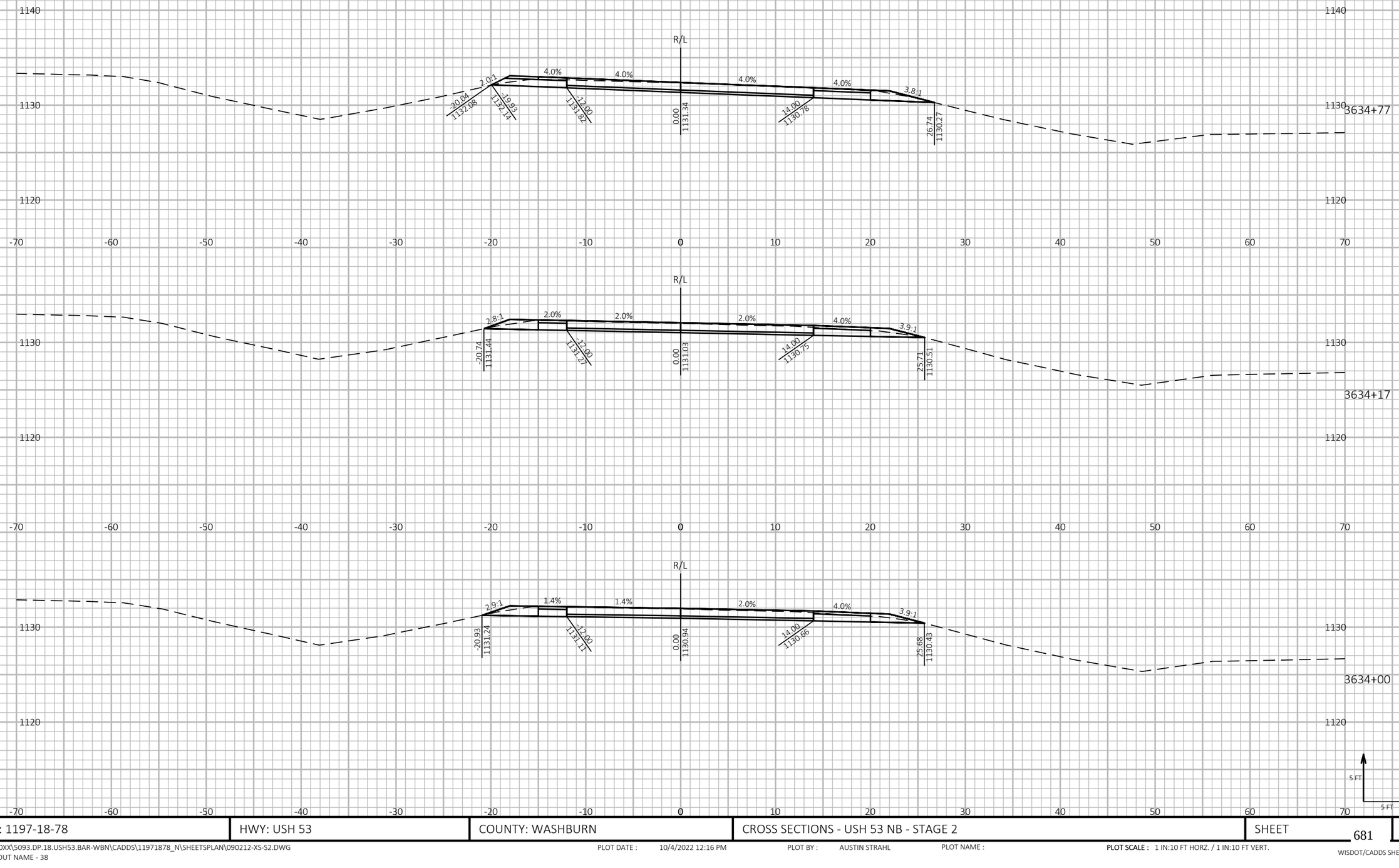
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 681	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 38

PLOT DATE : 10/4/2022 12:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

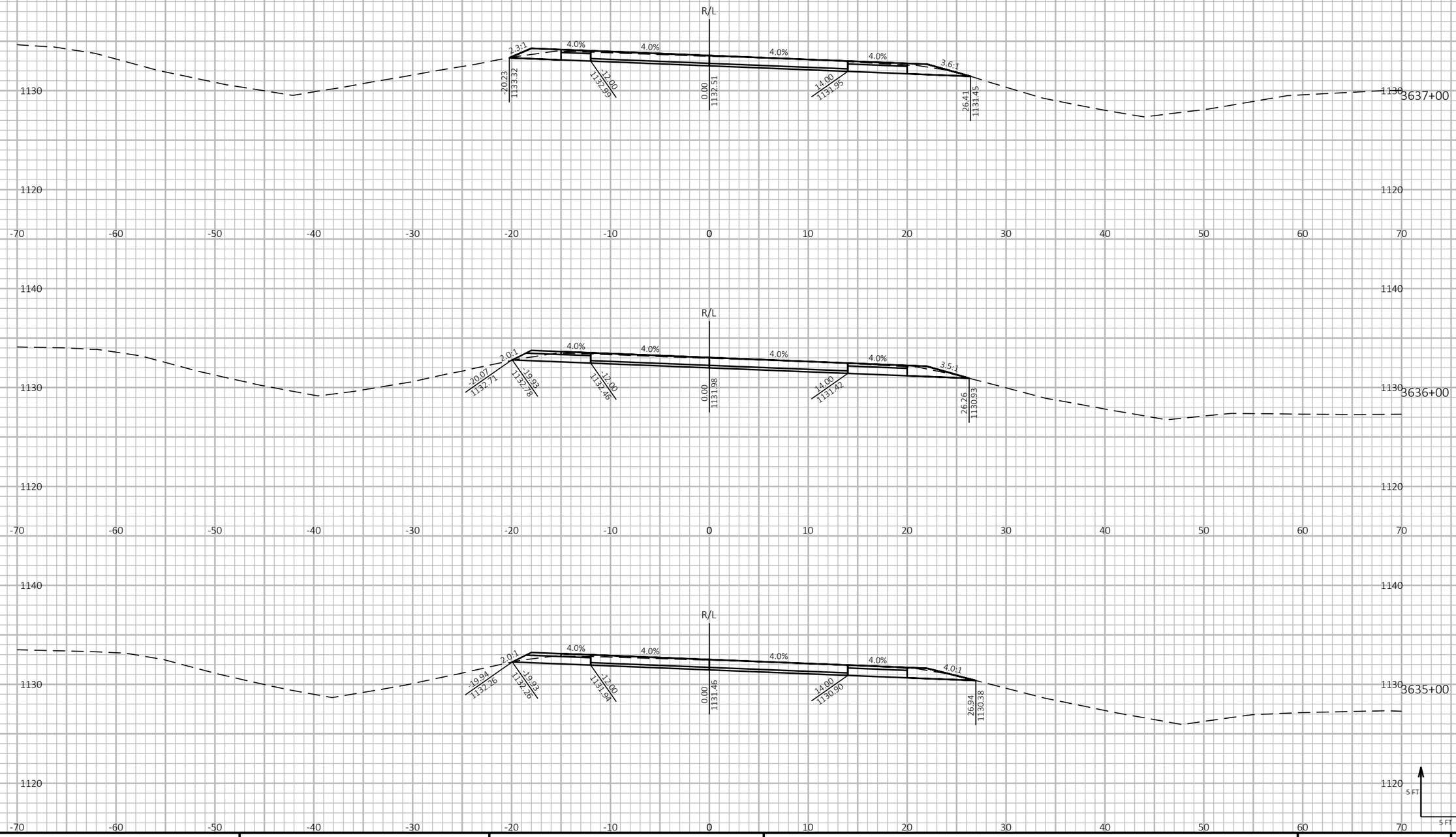
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 682	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 39

PLOT DATE : 10/4/2022 12:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

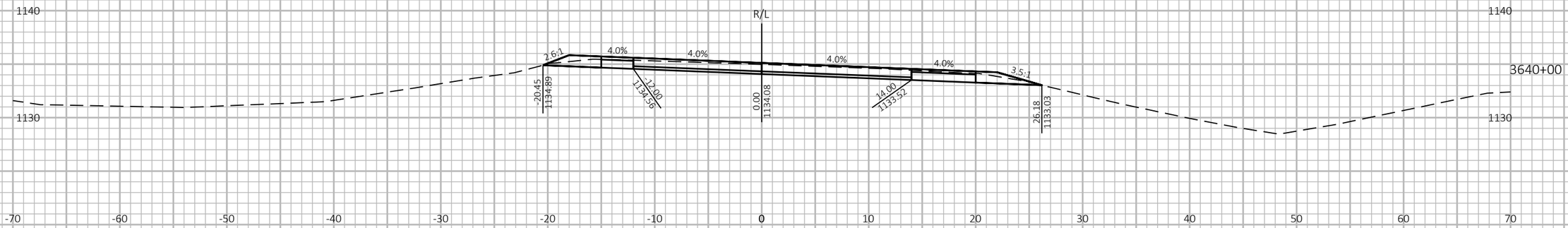
WISDOT/CADDS SHEET 49

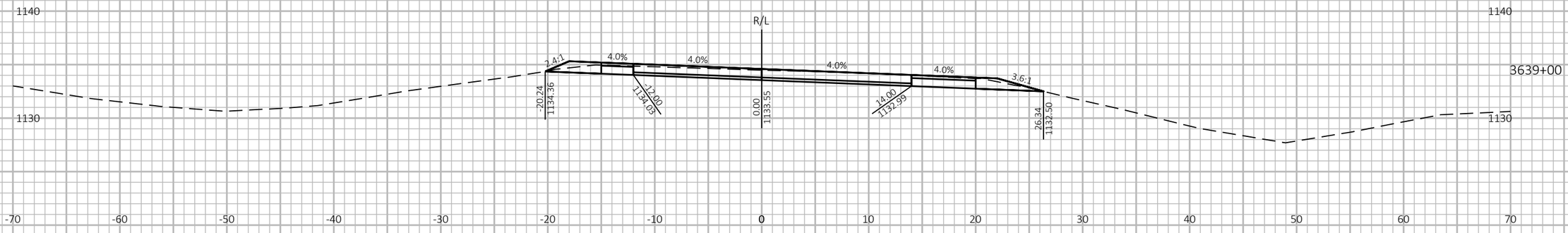
LEGEND

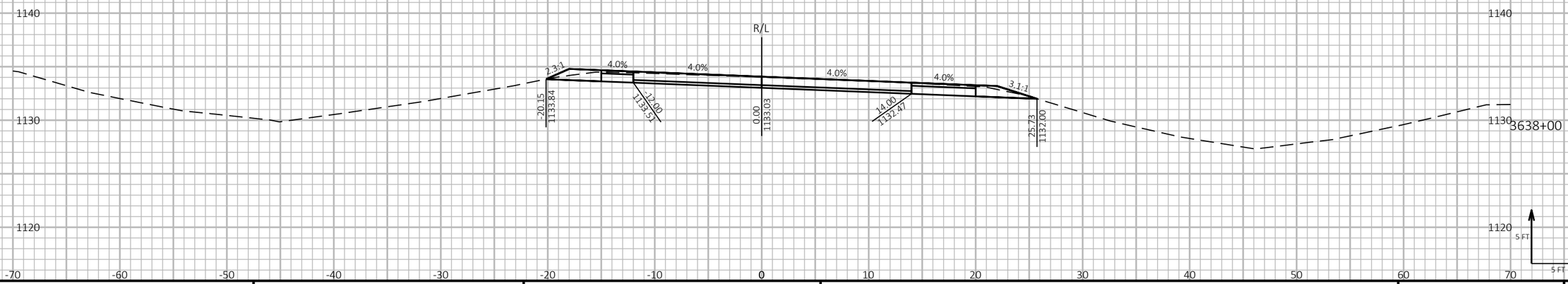
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 683	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 40

PLOT DATE : 10/4/2022 12:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

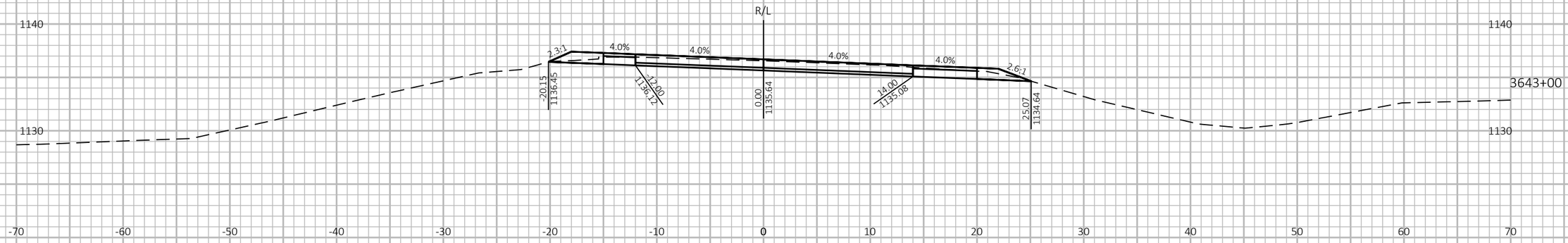
WISDOT/CADDS SHEET 49

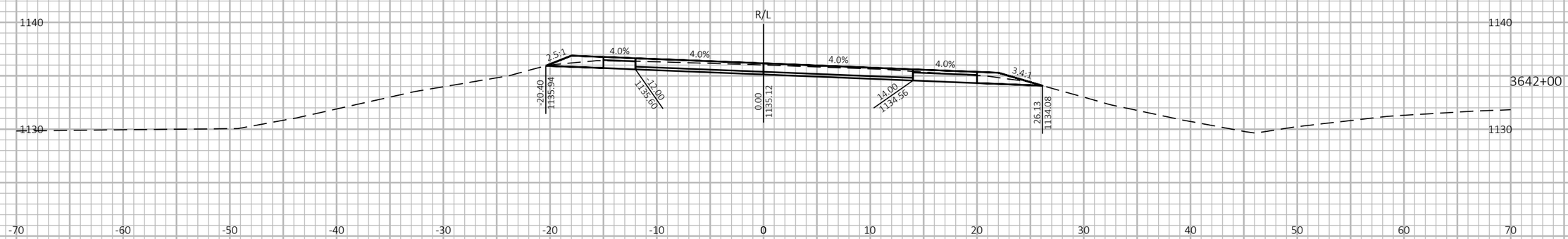
LEGEND

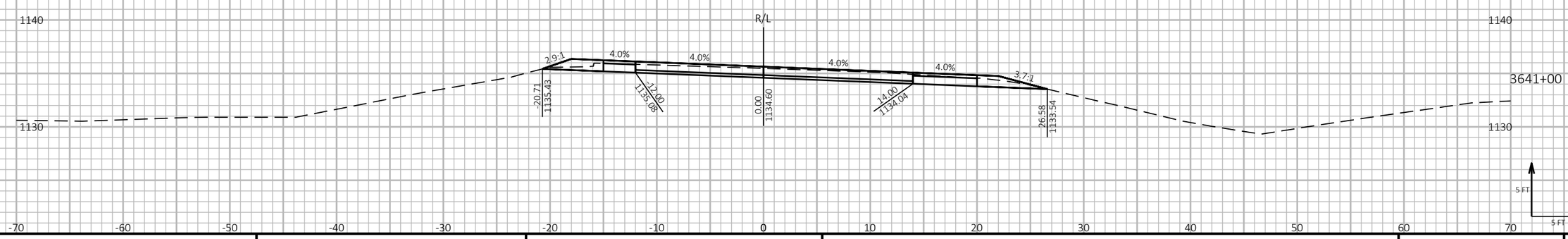
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 684	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 41

PLOT DATE : 10/4/2022 12:17 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

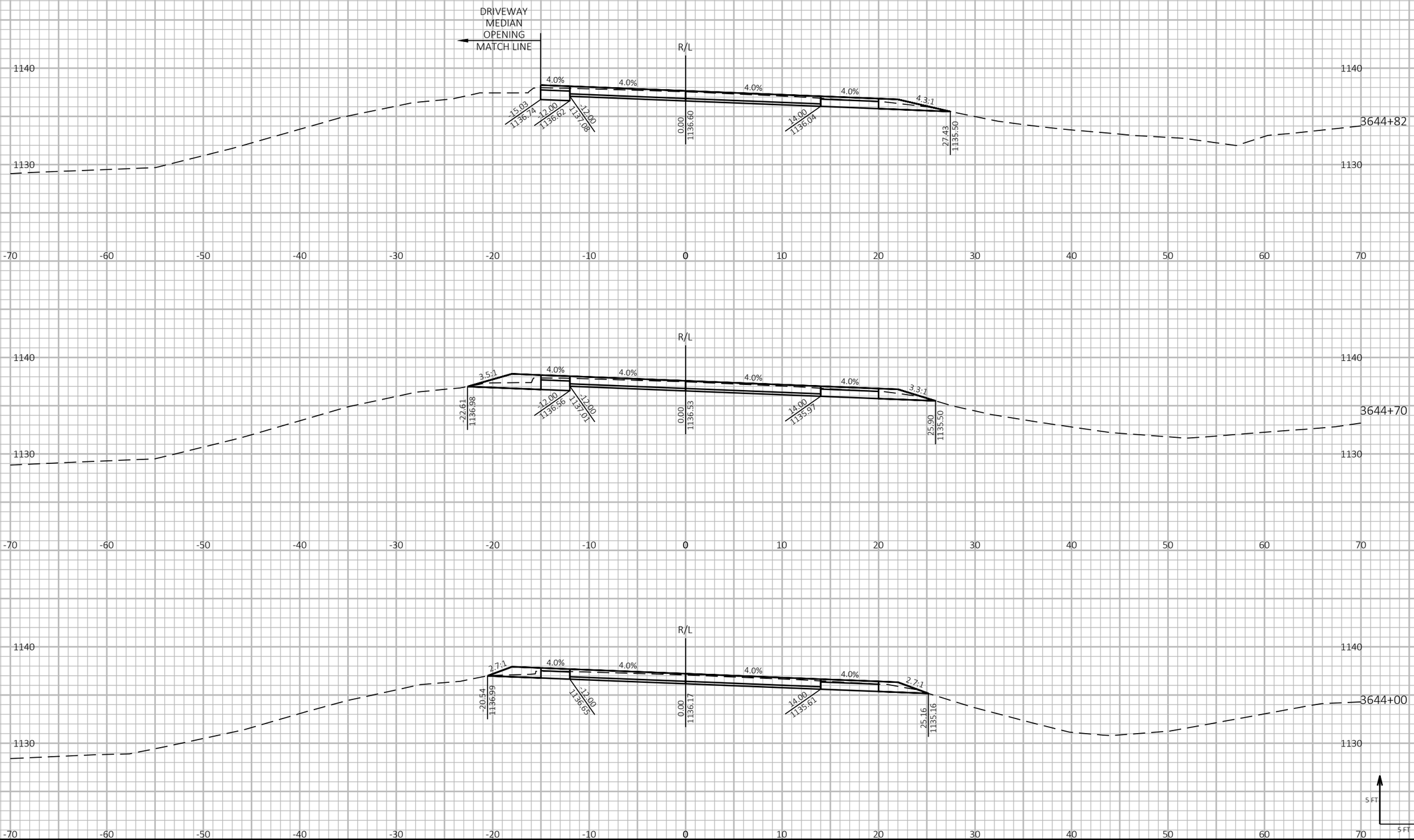
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 685	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 42

PLOT DATE : 10/4/2022 12:17 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

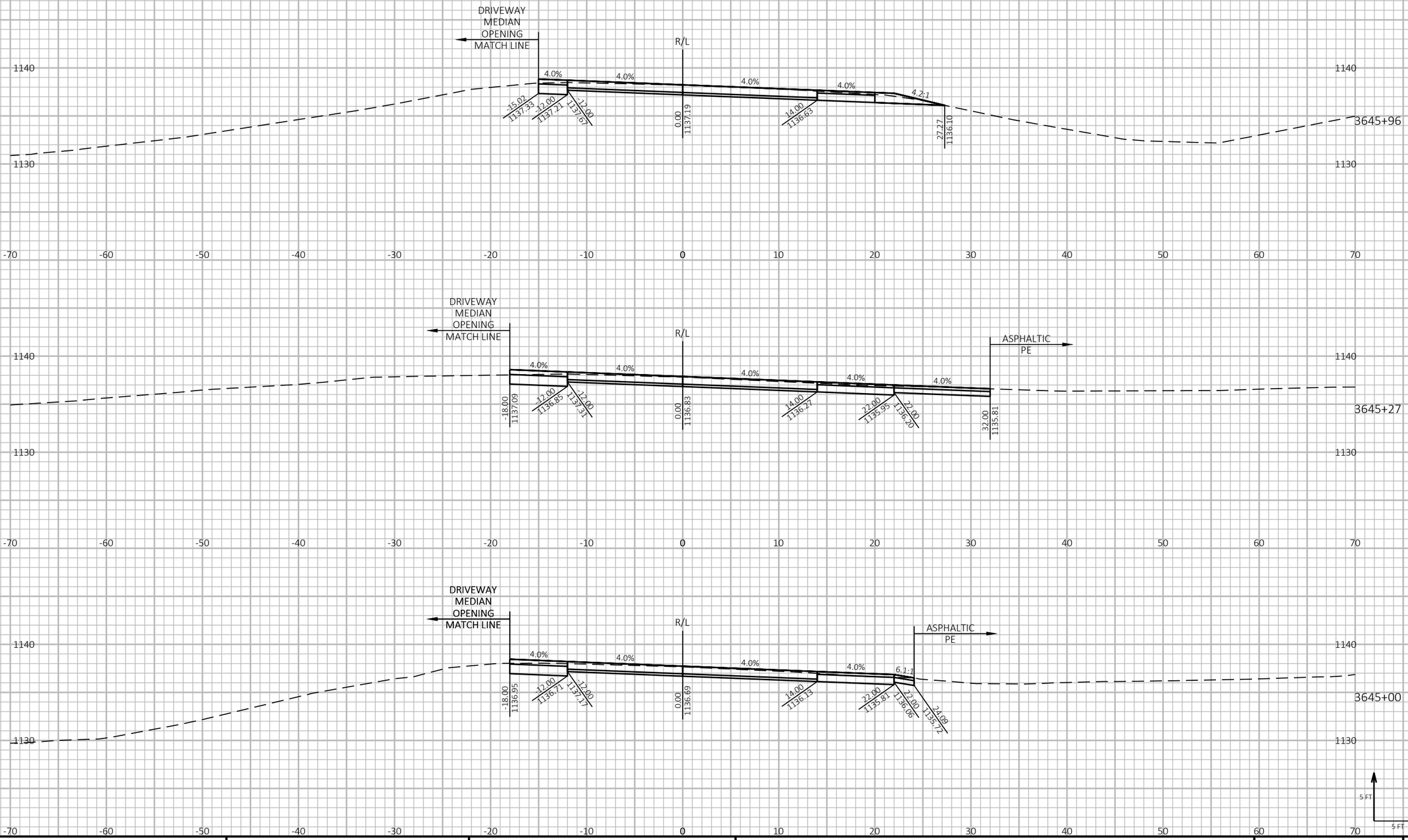
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 686	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 43

PLOT DATE : 10/4/2022 12:17 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 687	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 44

PLOT DATE : 10/4/2022 12:17 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

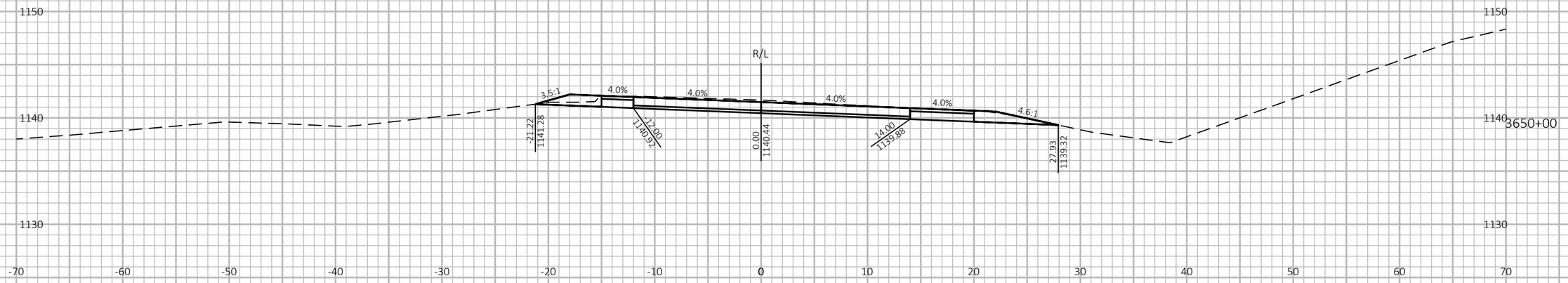
WISDOT/CADDS SHEET 49

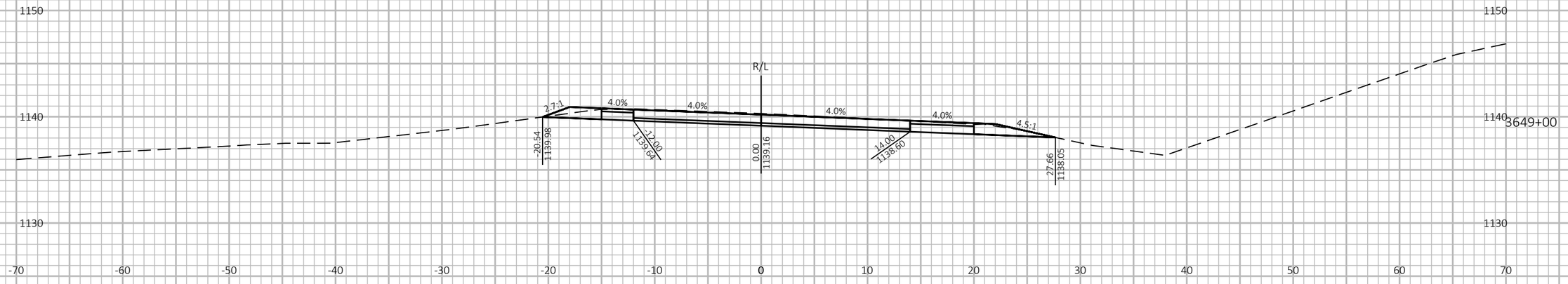
LEGEND

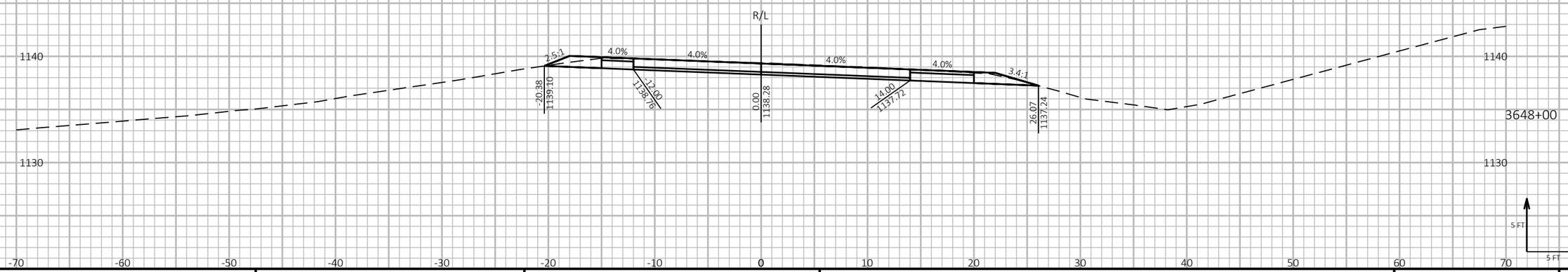
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 688	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 45

PLOT DATE : 10/4/2022 12:17 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

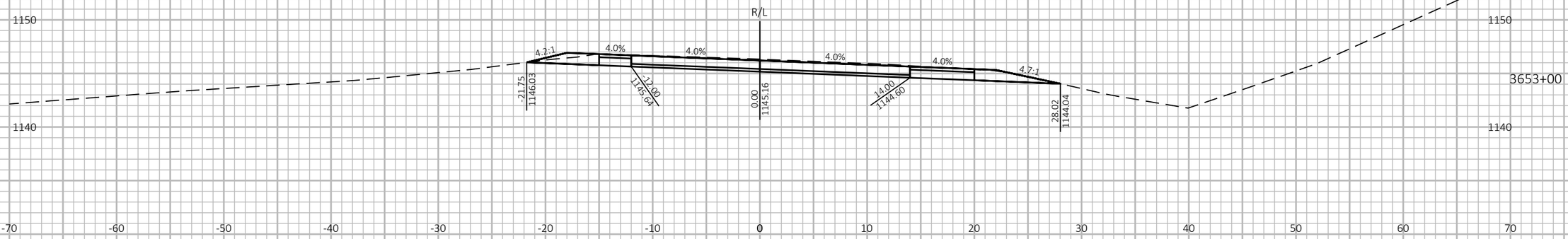
WISDOT/CADDS SHEET 49

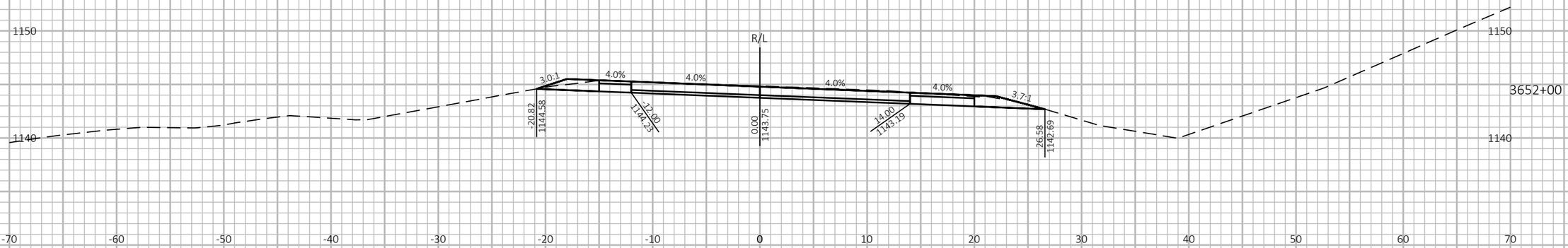
LEGEND

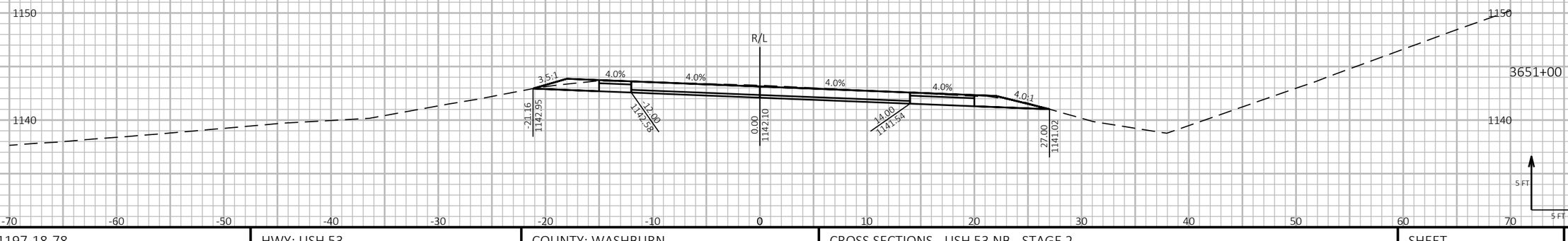
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 689	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 46

PLOT DATE : 10/4/2022 12:17 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 690	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 47

PLOT DATE : 10/4/2022 12:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

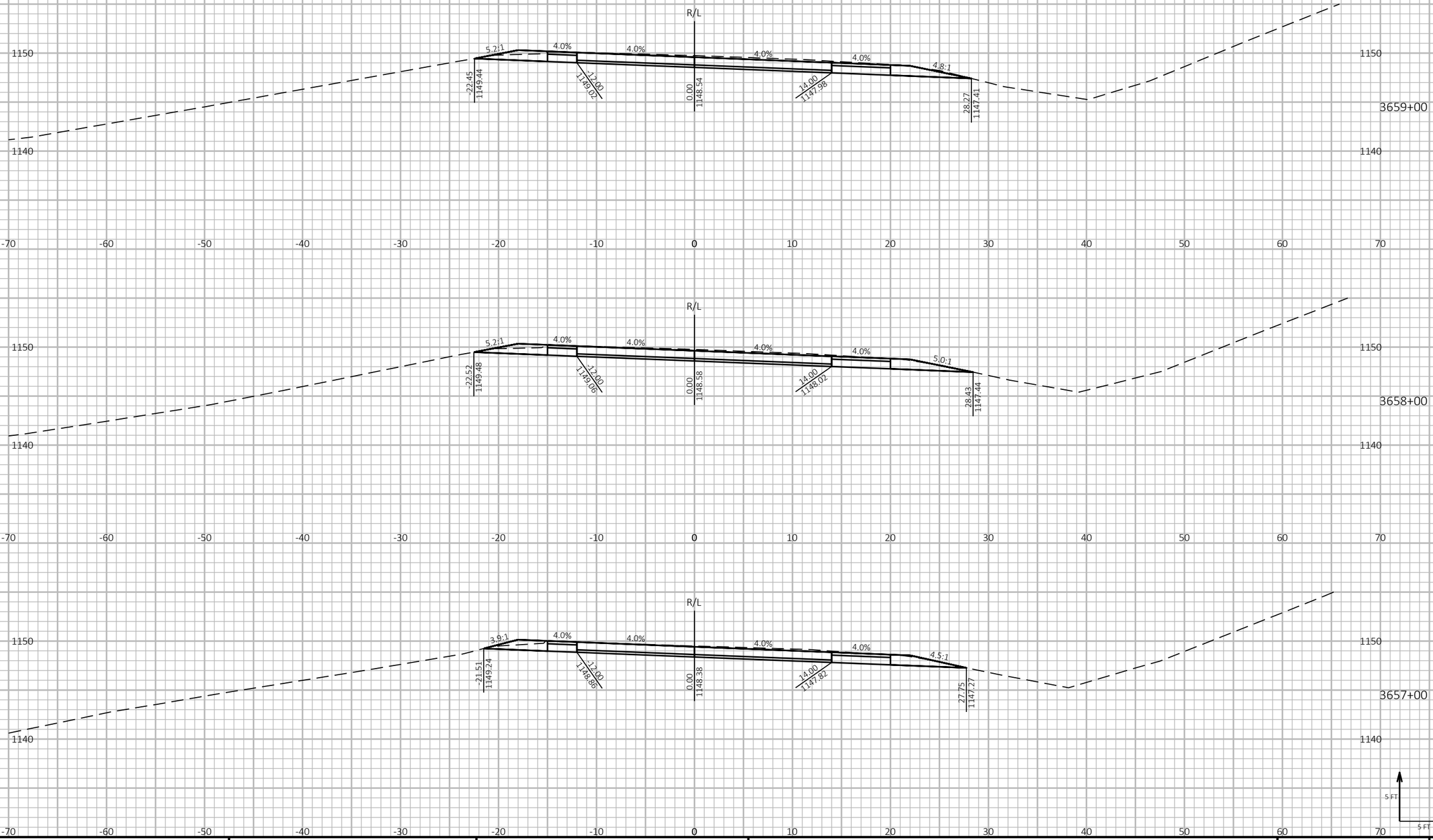
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 691	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 48

PLOT DATE : 10/4/2022 12:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

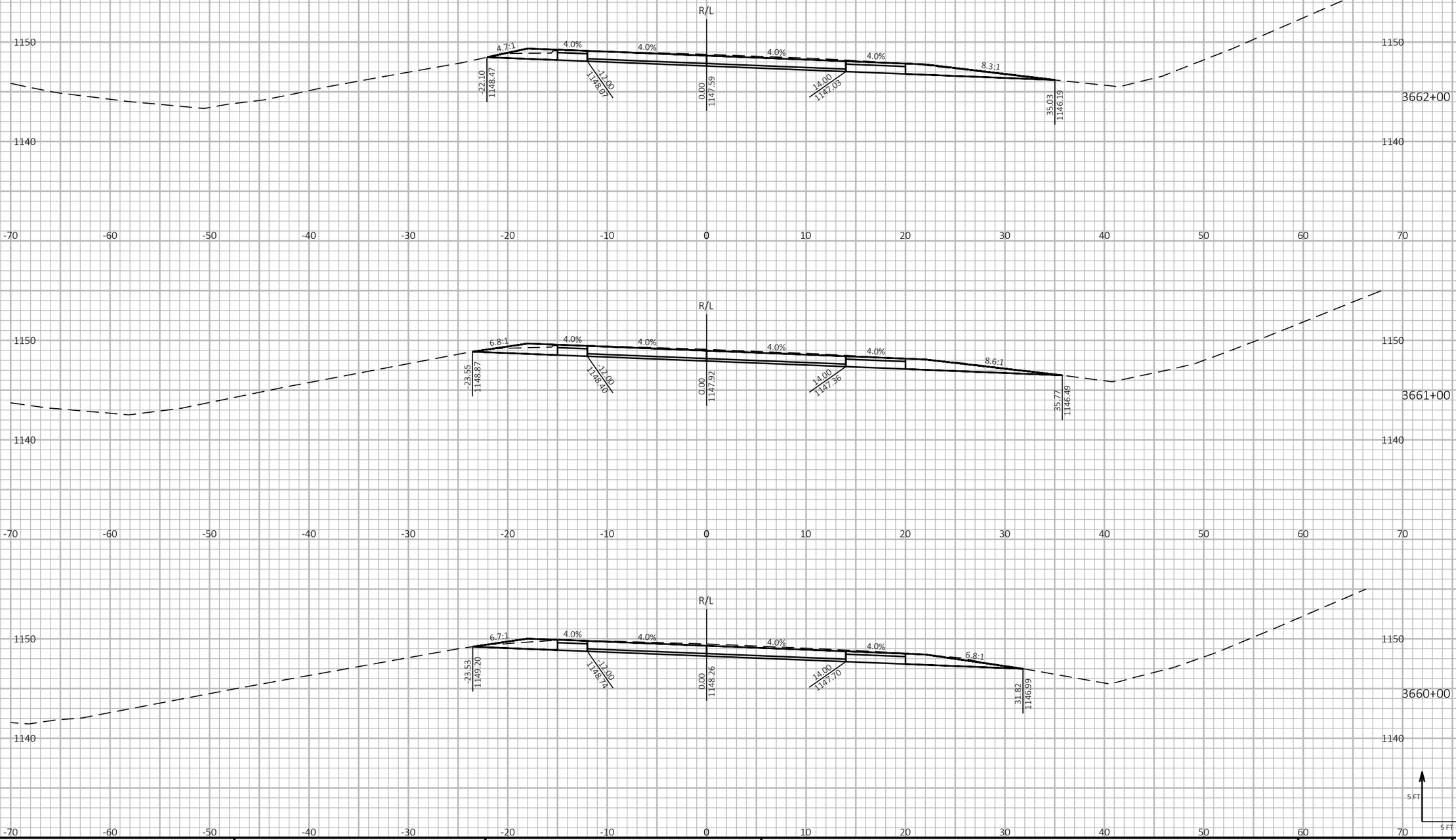
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 692	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 49

PLOT DATE : 10/4/2022 12:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

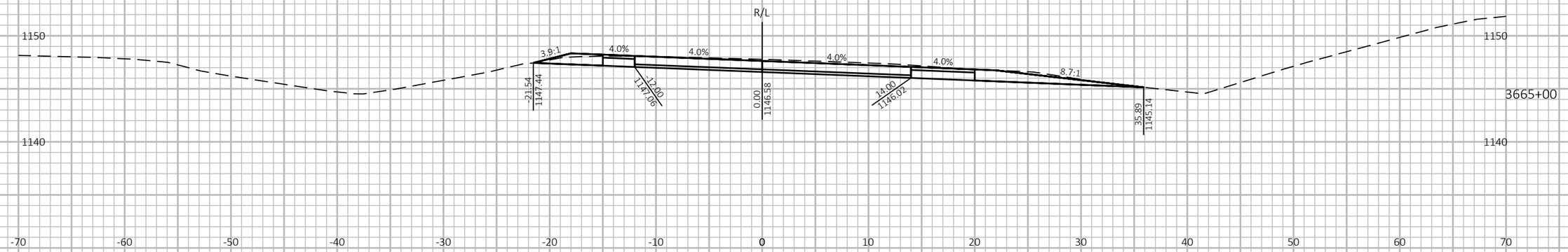
WISDOT/CADDS SHEET 49

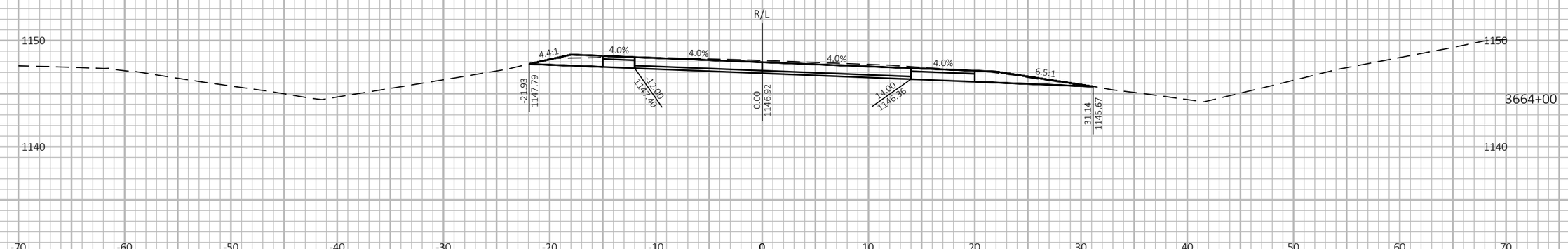
LEGEND

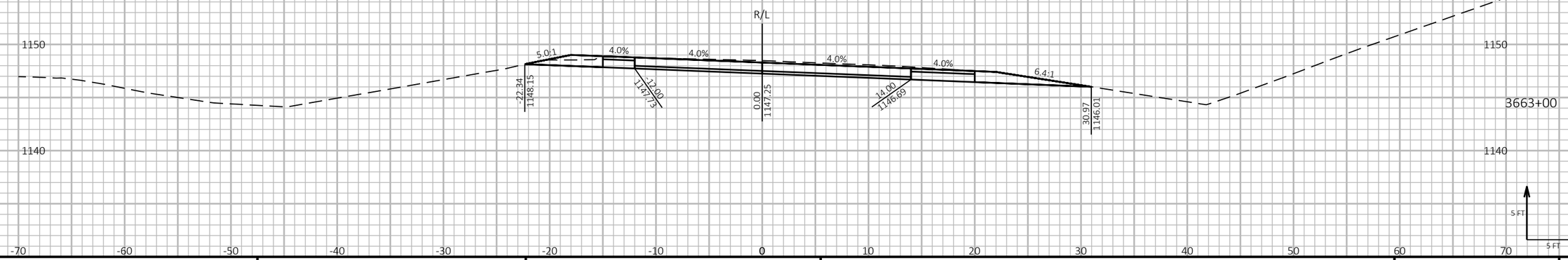
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 693	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 50

PLOT DATE : 10/4/2022 12:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 694	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 51

PLOT DATE : 10/4/2022 12:19 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

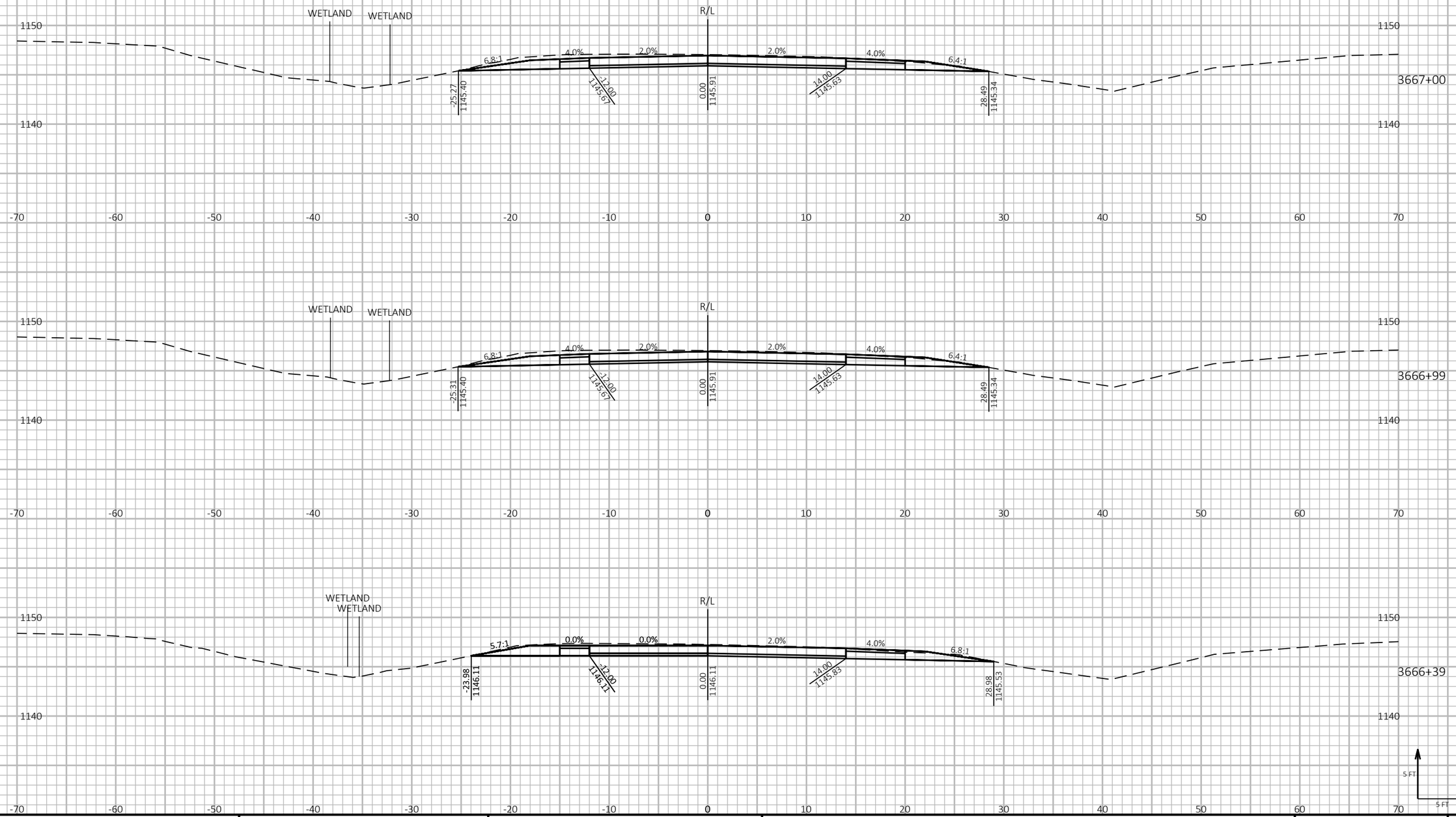
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 695	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 52

PLOT DATE : 10/4/2022 12:19 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

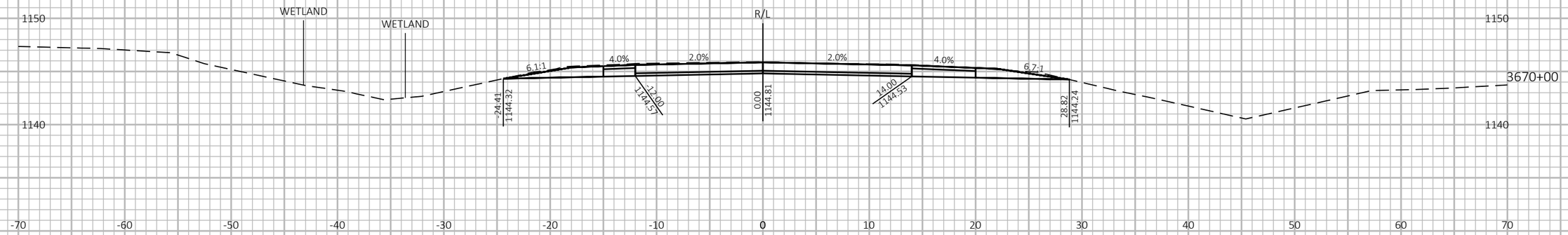
WISDOT/CADDS SHEET 49

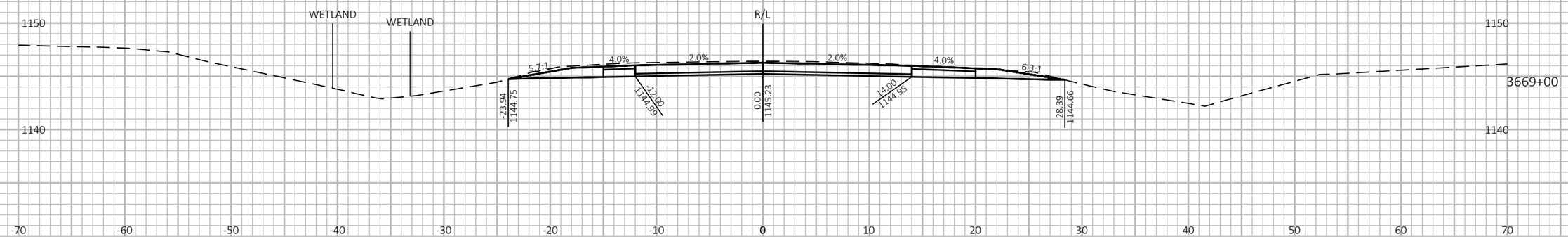
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 696	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 53

PLOT DATE : 10/4/2022 12:19 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

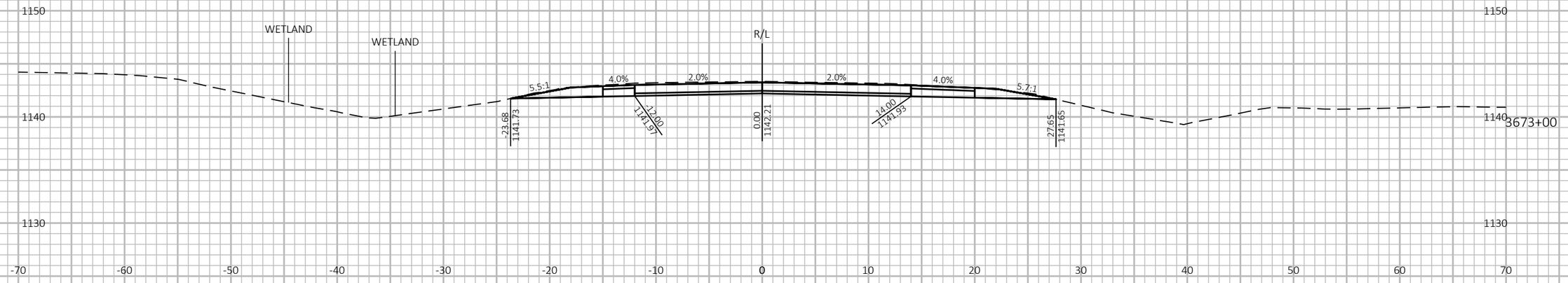
WISDOT/CADDS SHEET 49

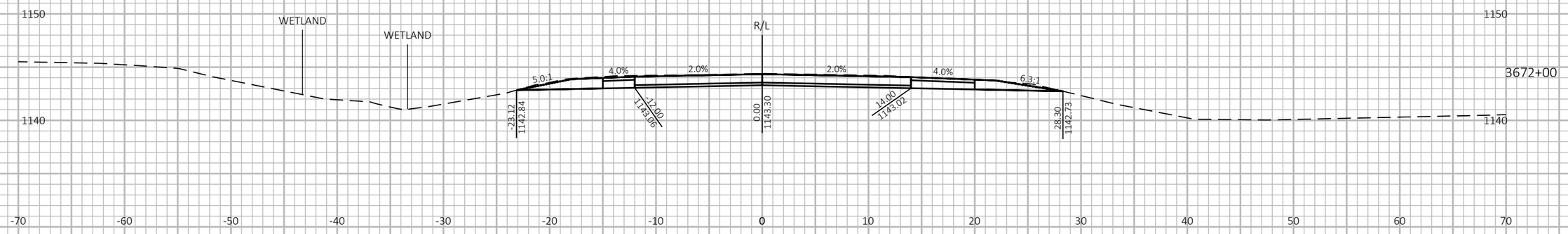
LEGEND

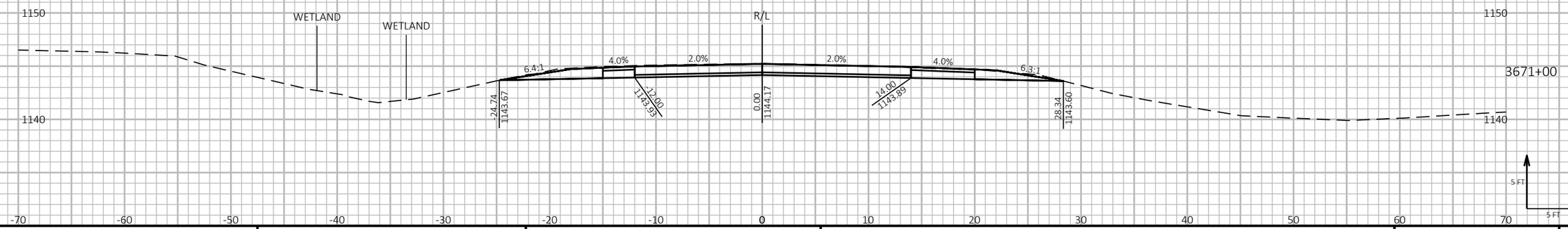
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 697	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 54

PLOT DATE : 10/4/2022 12:19 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

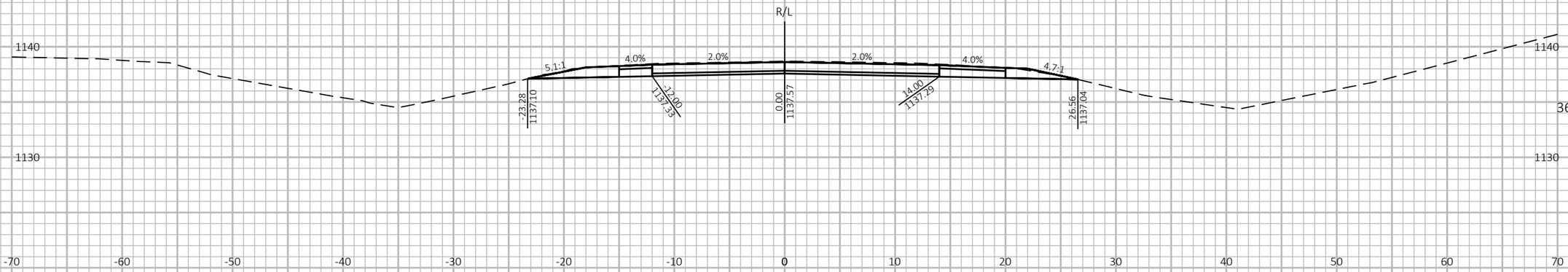
WISDOT/CADDS SHEET 49

LEGEND

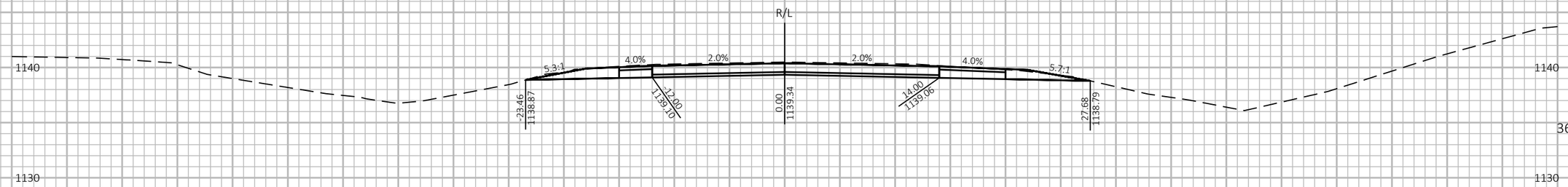
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

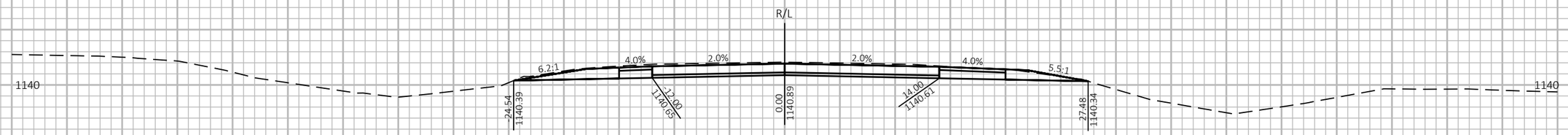
STAGE 2 CONSTRUCTION



3676+00



3675+00



3674+00

5 FT

5 FT

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 698	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090212-XS-S2.DWG
LAYOUT NAME - 55

PLOT DATE : 10/4/2022 12:20 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

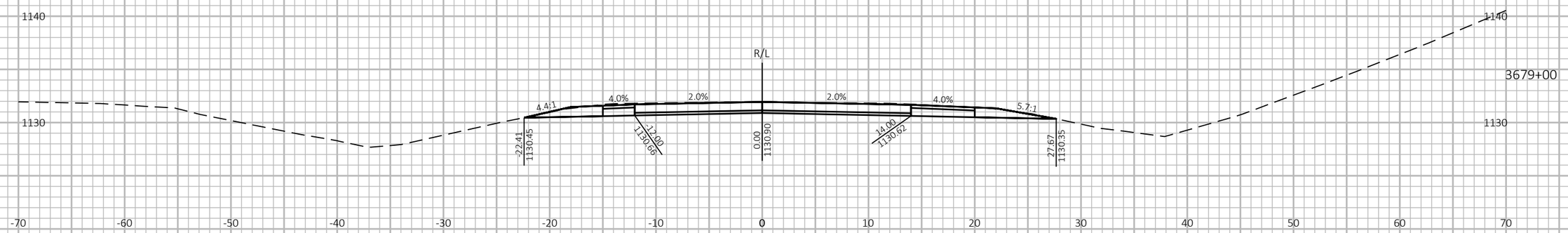
WISDOT/CADDS SHEET 49

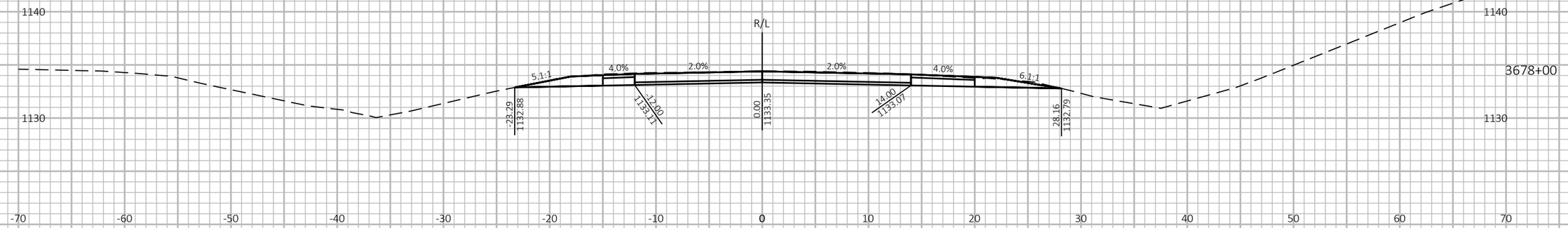
LEGEND

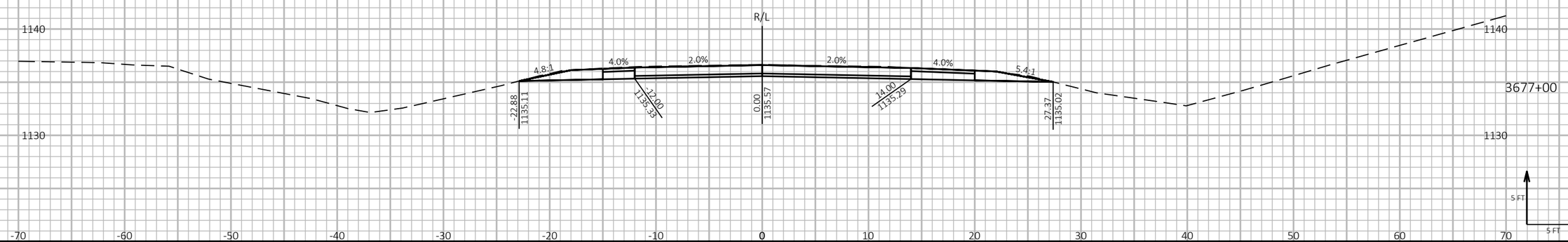
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 699	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/18/2022 7:26 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

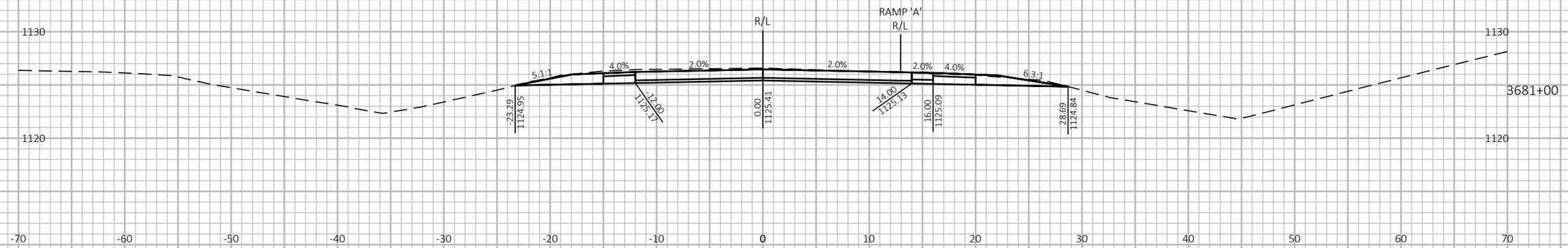
WISDOT/CADDS SHEET 49

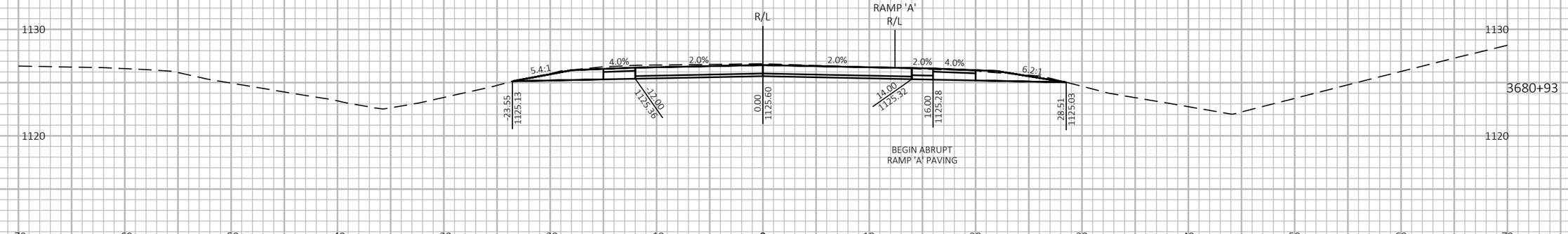
LEGEND

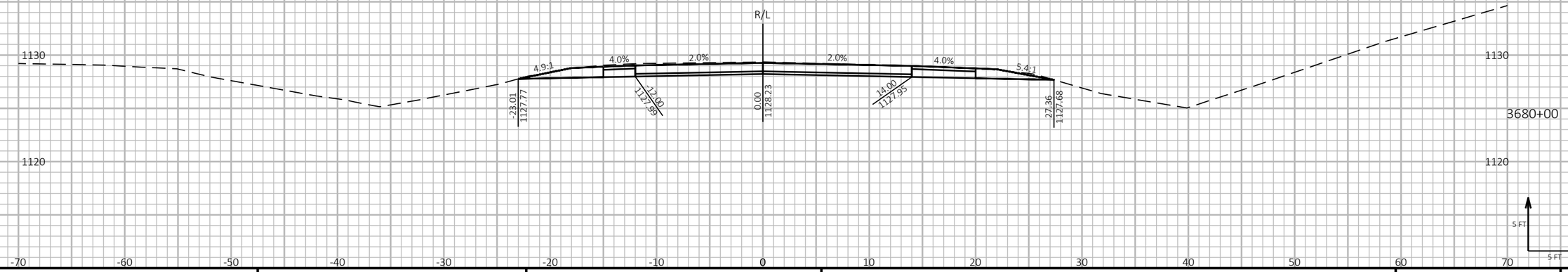
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 700	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/18/2022 7:26 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

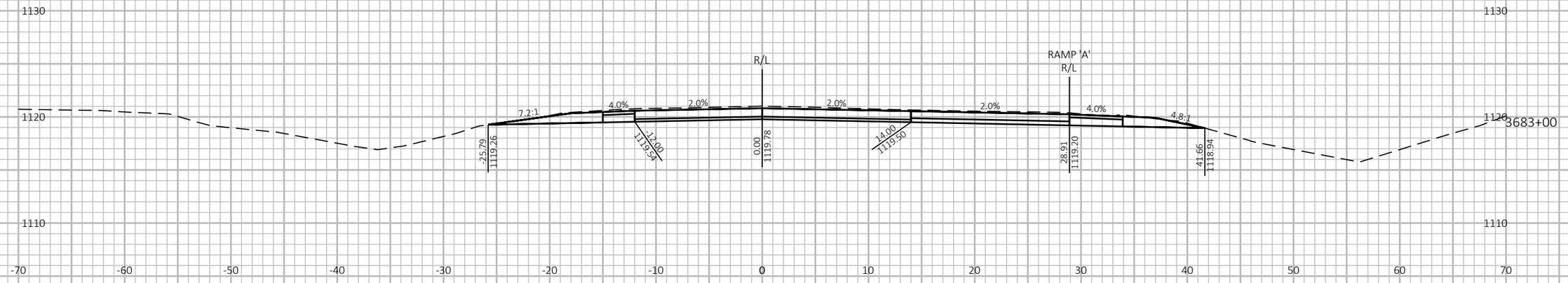
WISDOT/CADDS SHEET 49

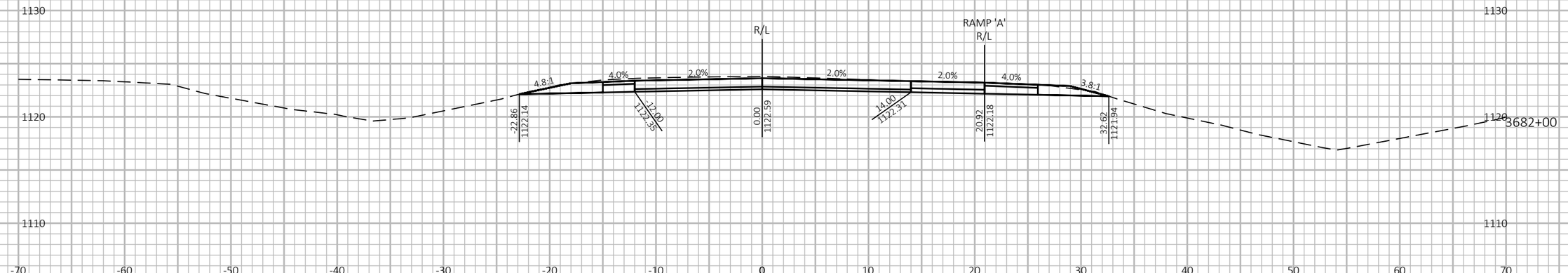
LEGEND

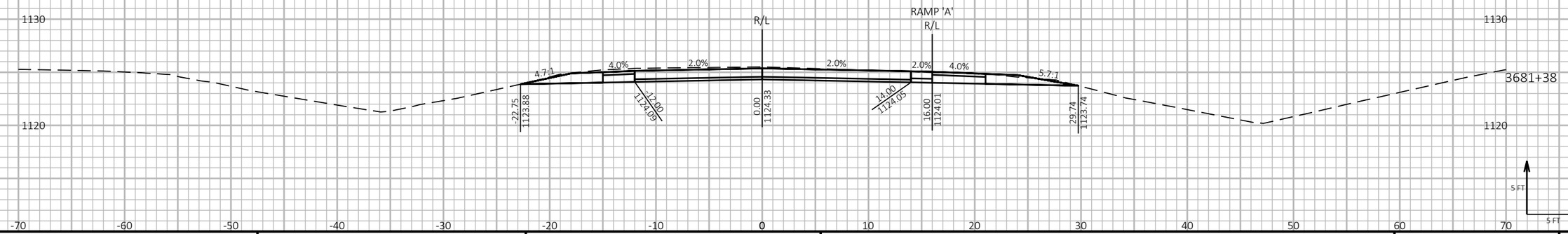
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 701	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/18/2022 7:27 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

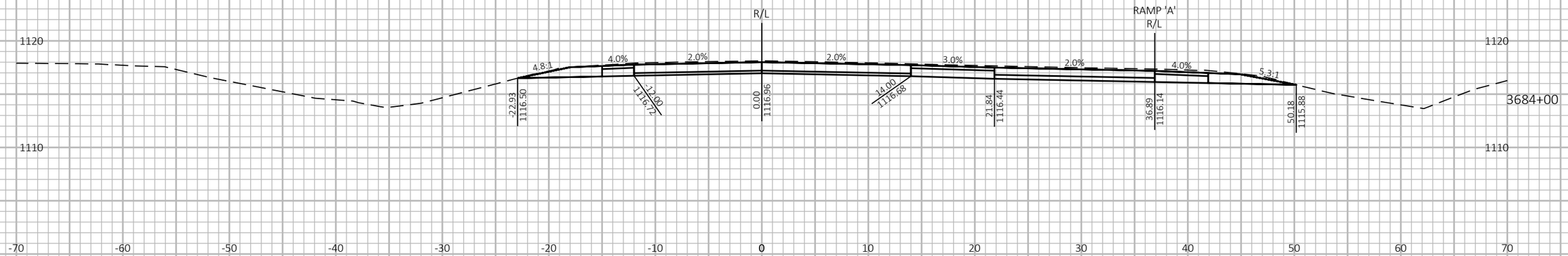
WISDOT/CADDS SHEET 49

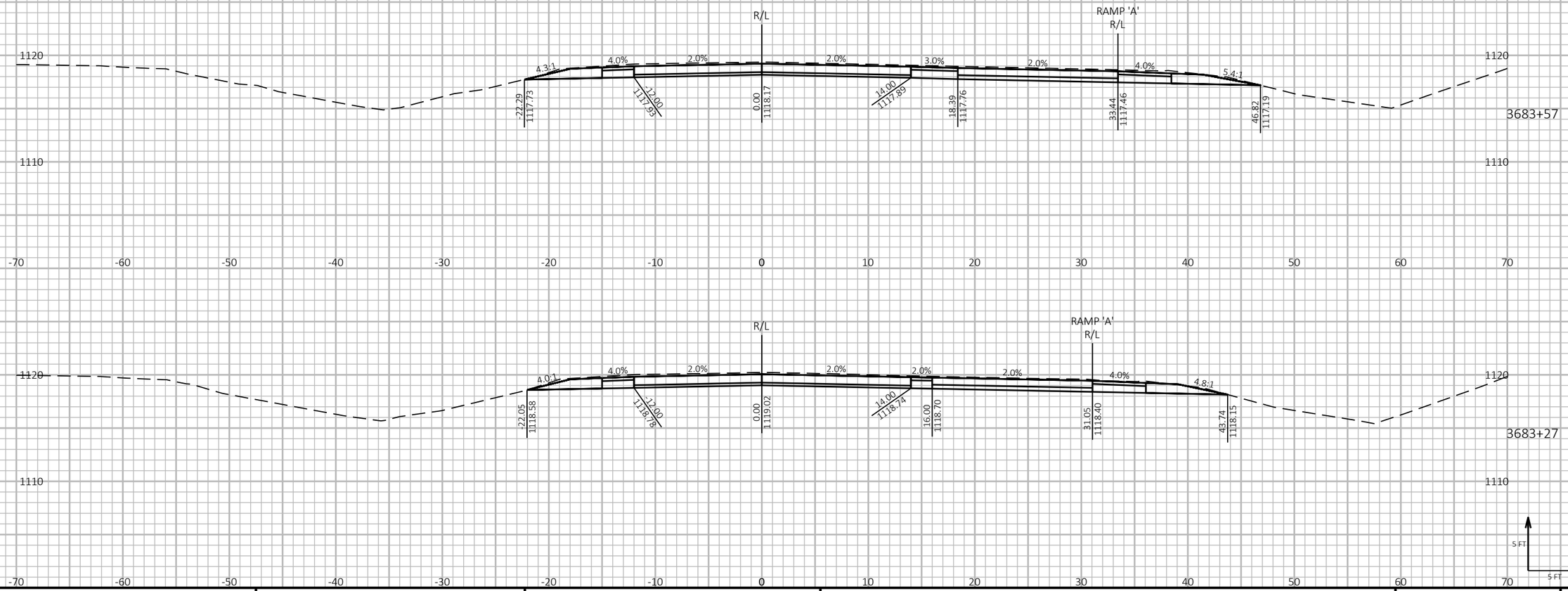
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 702	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 2/18/2022 7:27 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

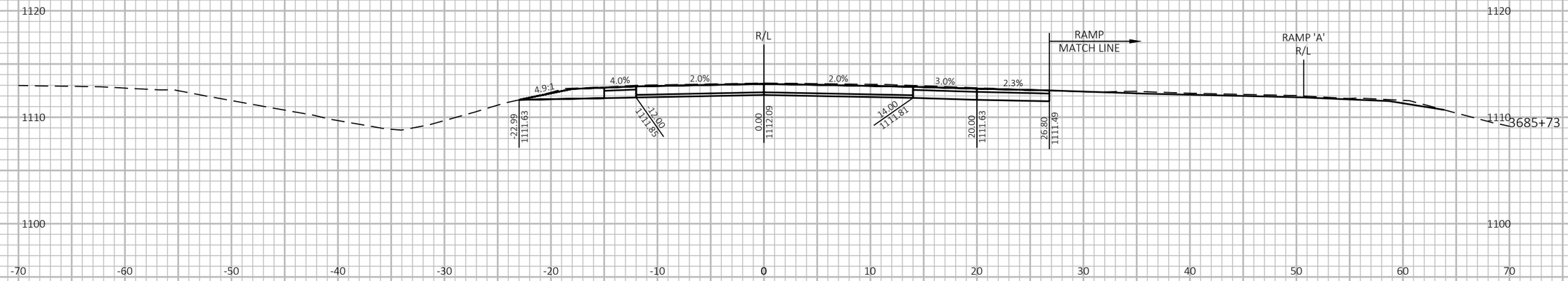
WISDOT/CADDS SHEET 49

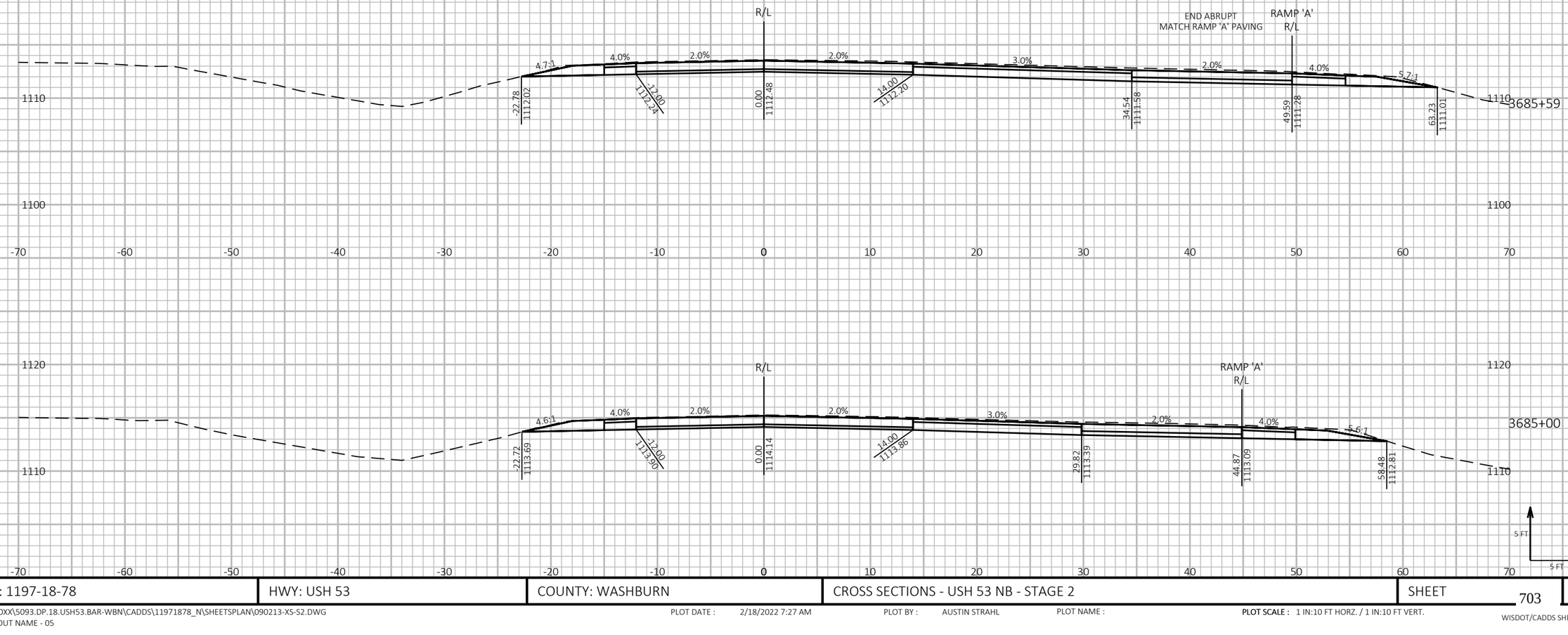
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 703	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 2/18/2022 7:27 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 704	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 2/18/2022 7:27 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 705	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 2/18/2022 7:27 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

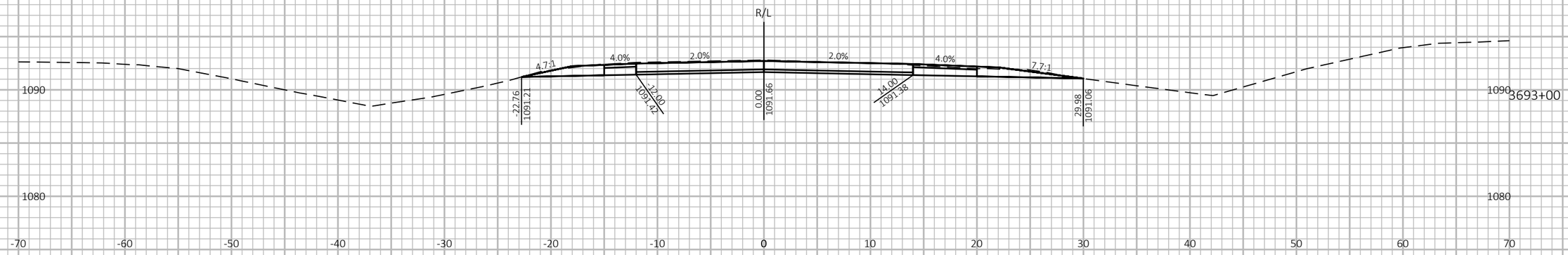
WISDOT/CADDS SHEET 49

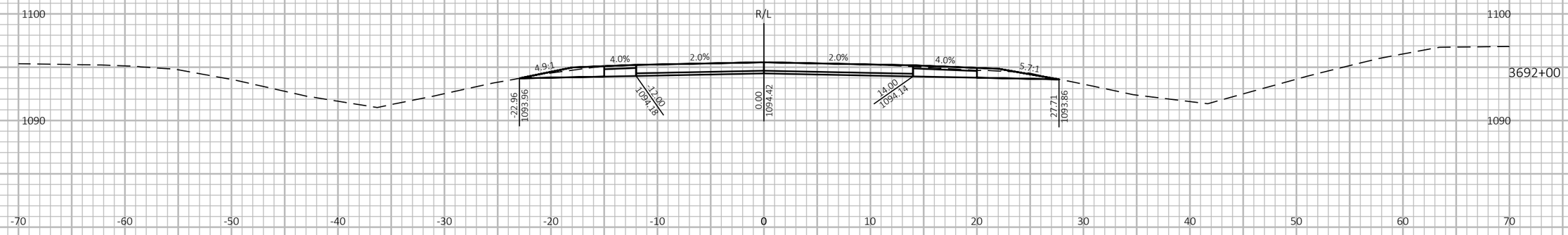
LEGEND

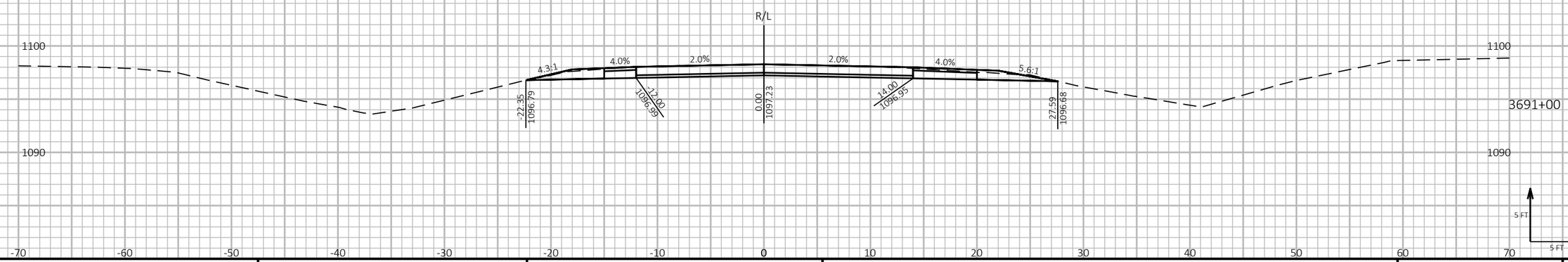
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 706	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 2/18/2022 7:27 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

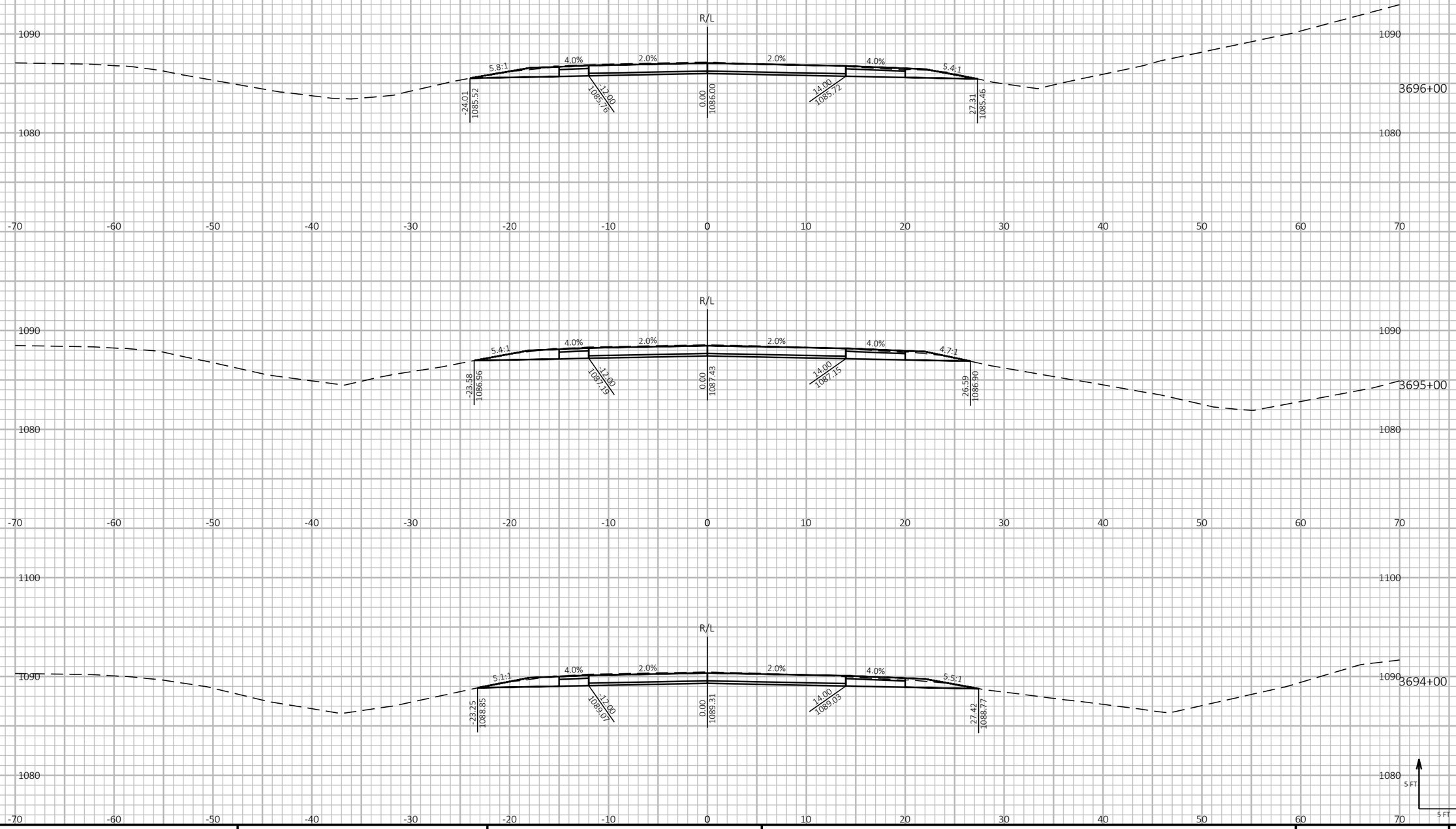
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 707	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 2/18/2022 7:28 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

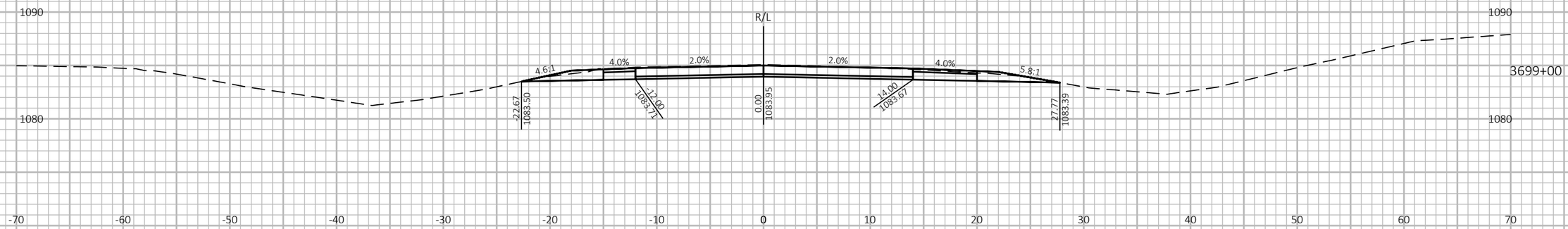
WISDOT/CADDS SHEET 49

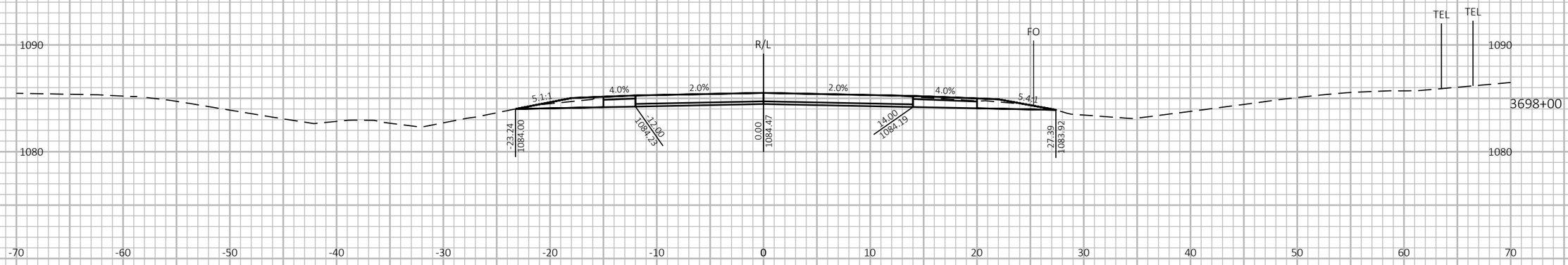
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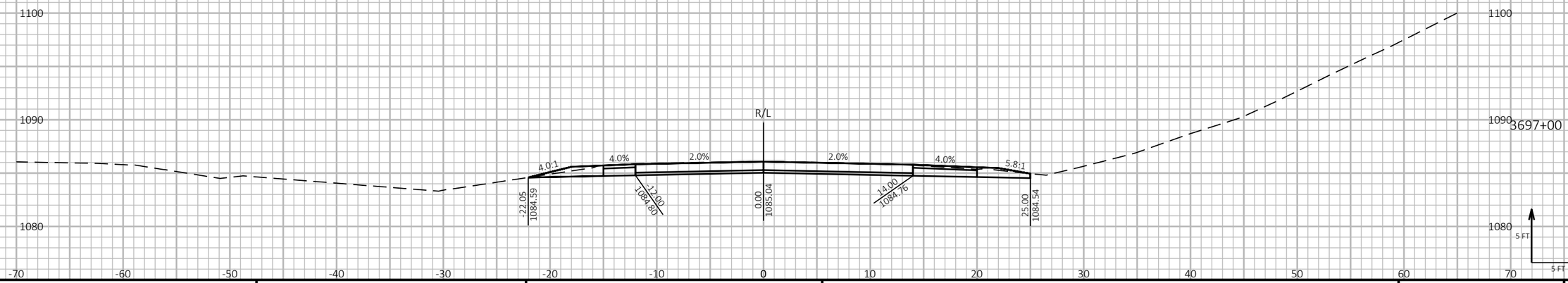
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 708	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 2/18/2022 7:28 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

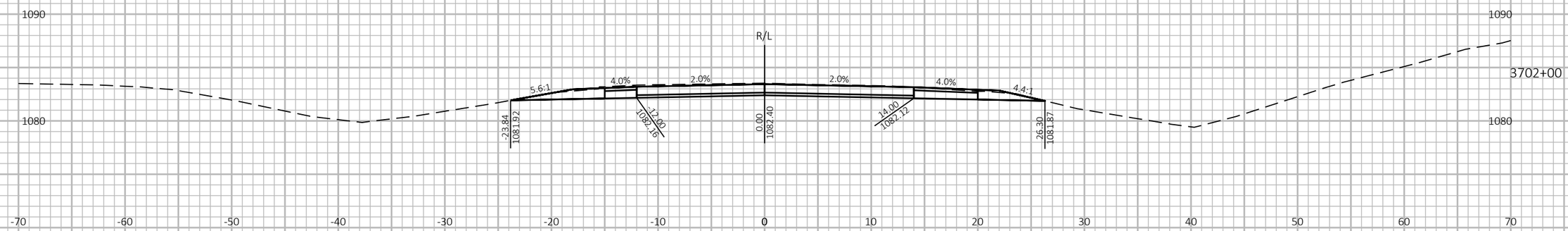
WISDOT/CADDS SHEET 49

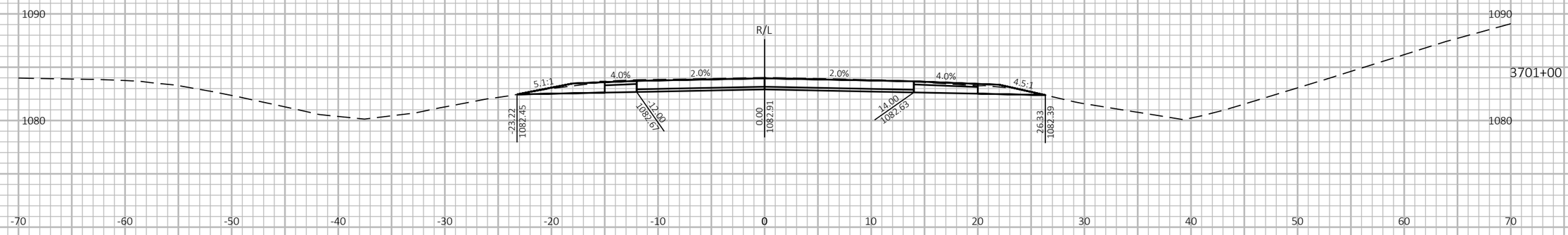
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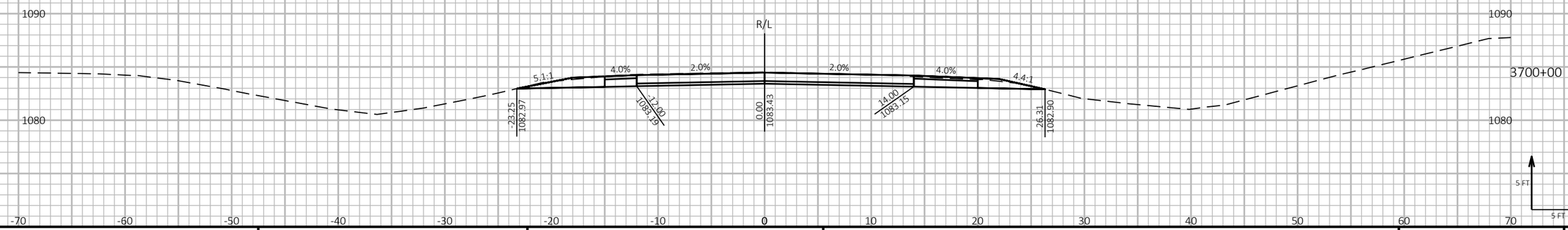
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 709	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 2/18/2022 7:28 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

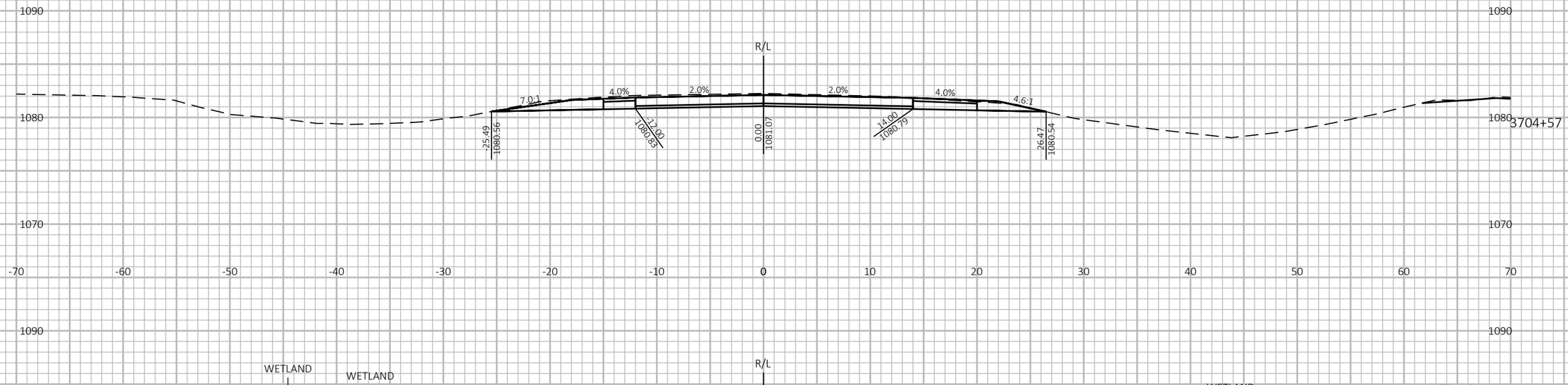
WISDOT/CADDS SHEET 49

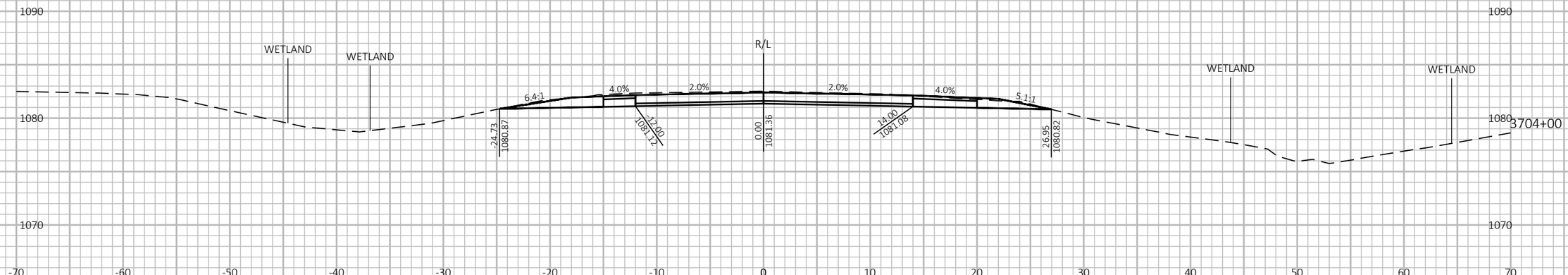
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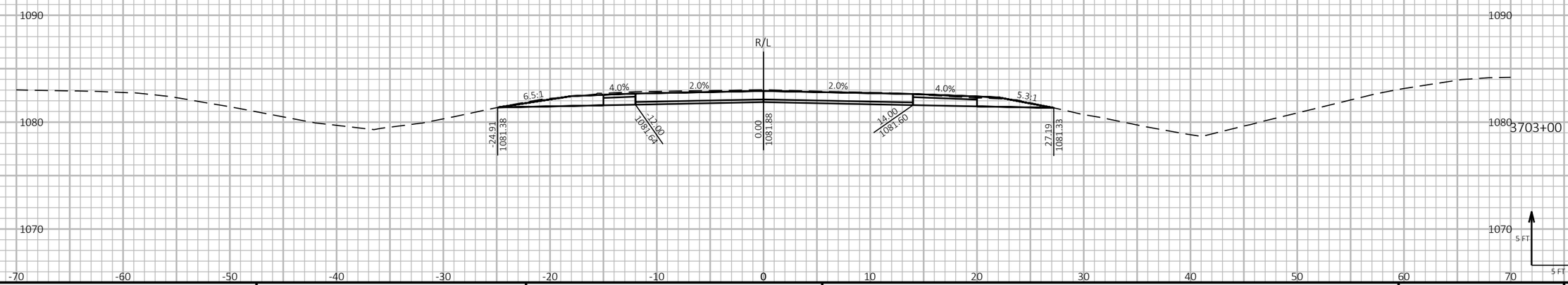
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 710	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 12

PLOT DATE : 2/18/2022 7:28 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

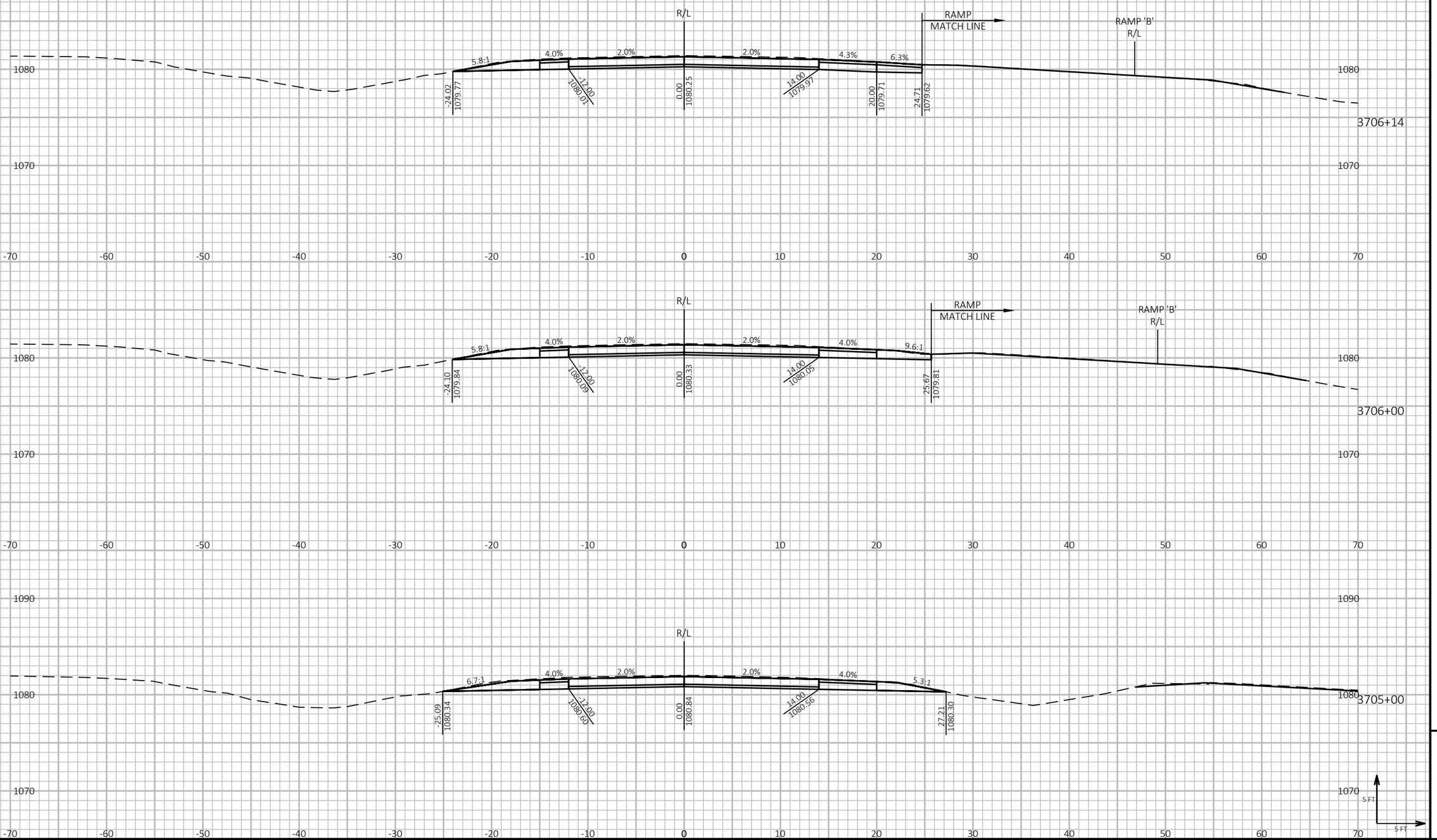
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 711	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 2/18/2022 7:28 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

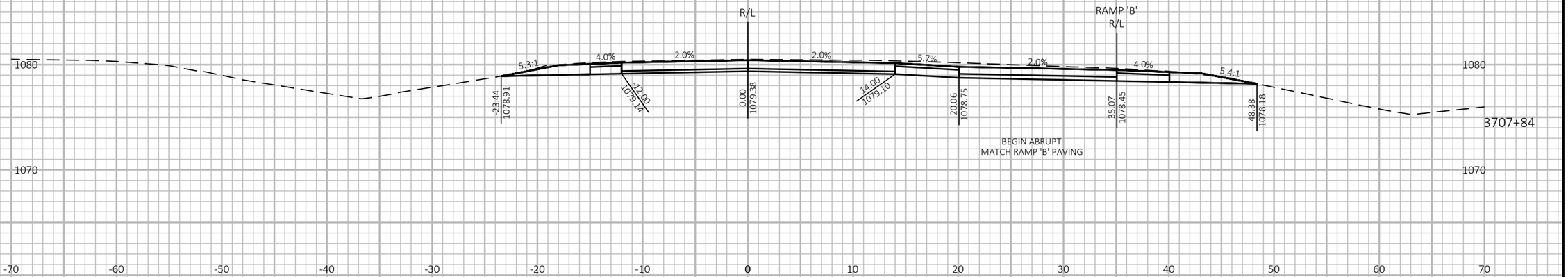
WISDOT/CADDS SHEET 49

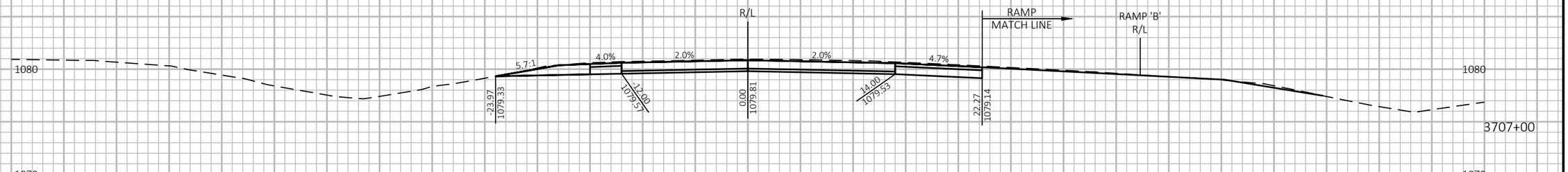
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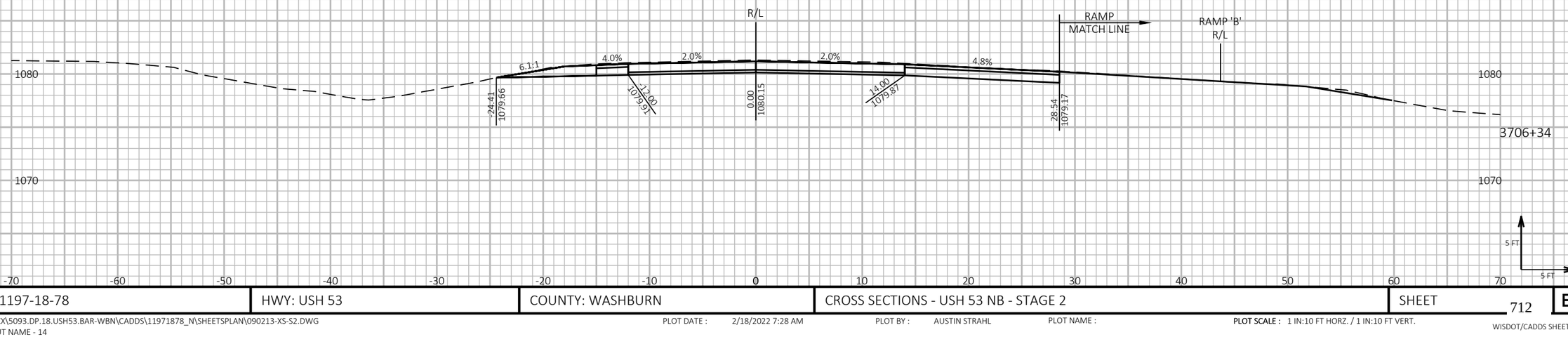
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 712	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 2/18/2022 7:28 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

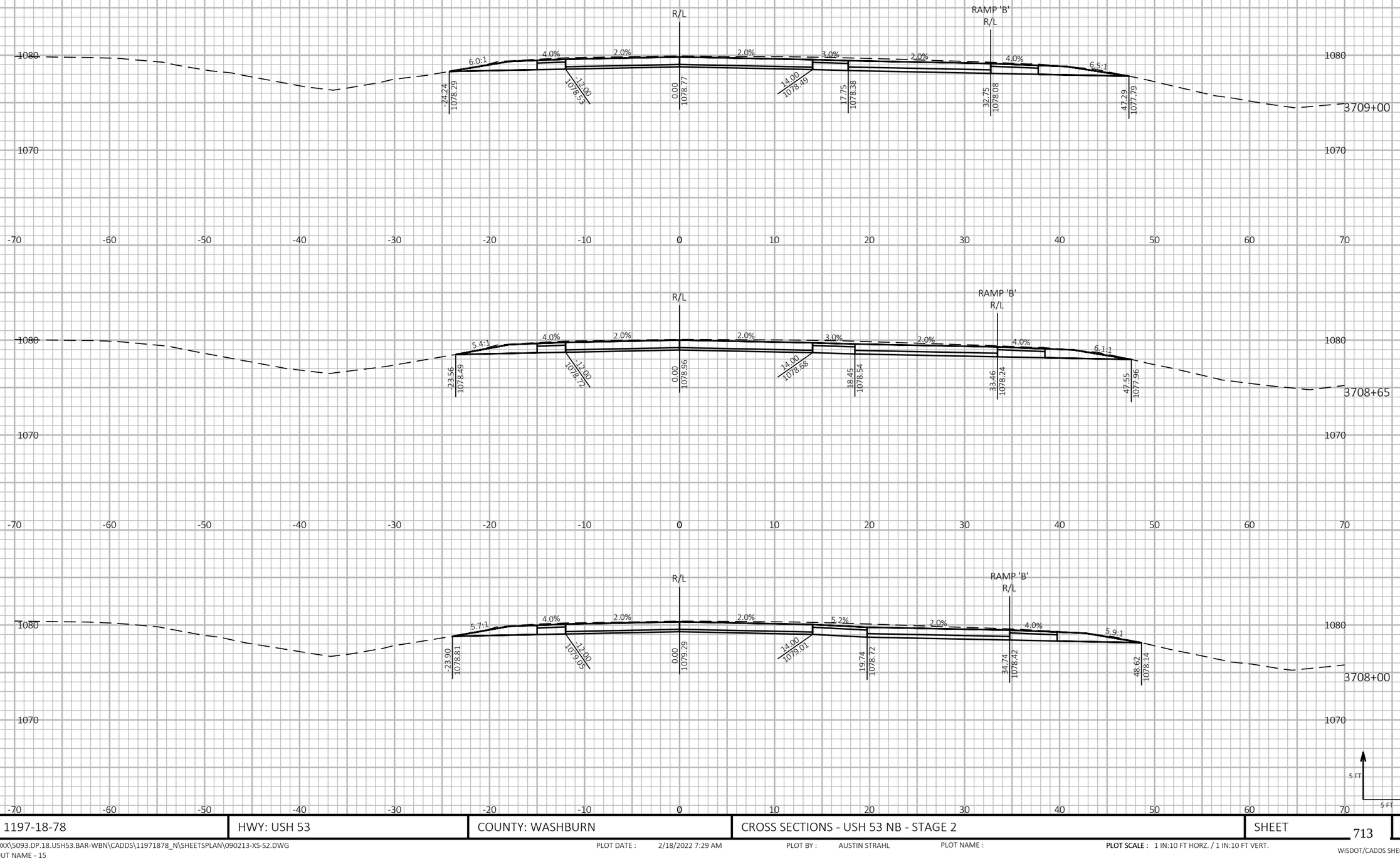
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 713	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 2/18/2022 7:29 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 714	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 16

PLOT DATE : 2/18/2022 7:29 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

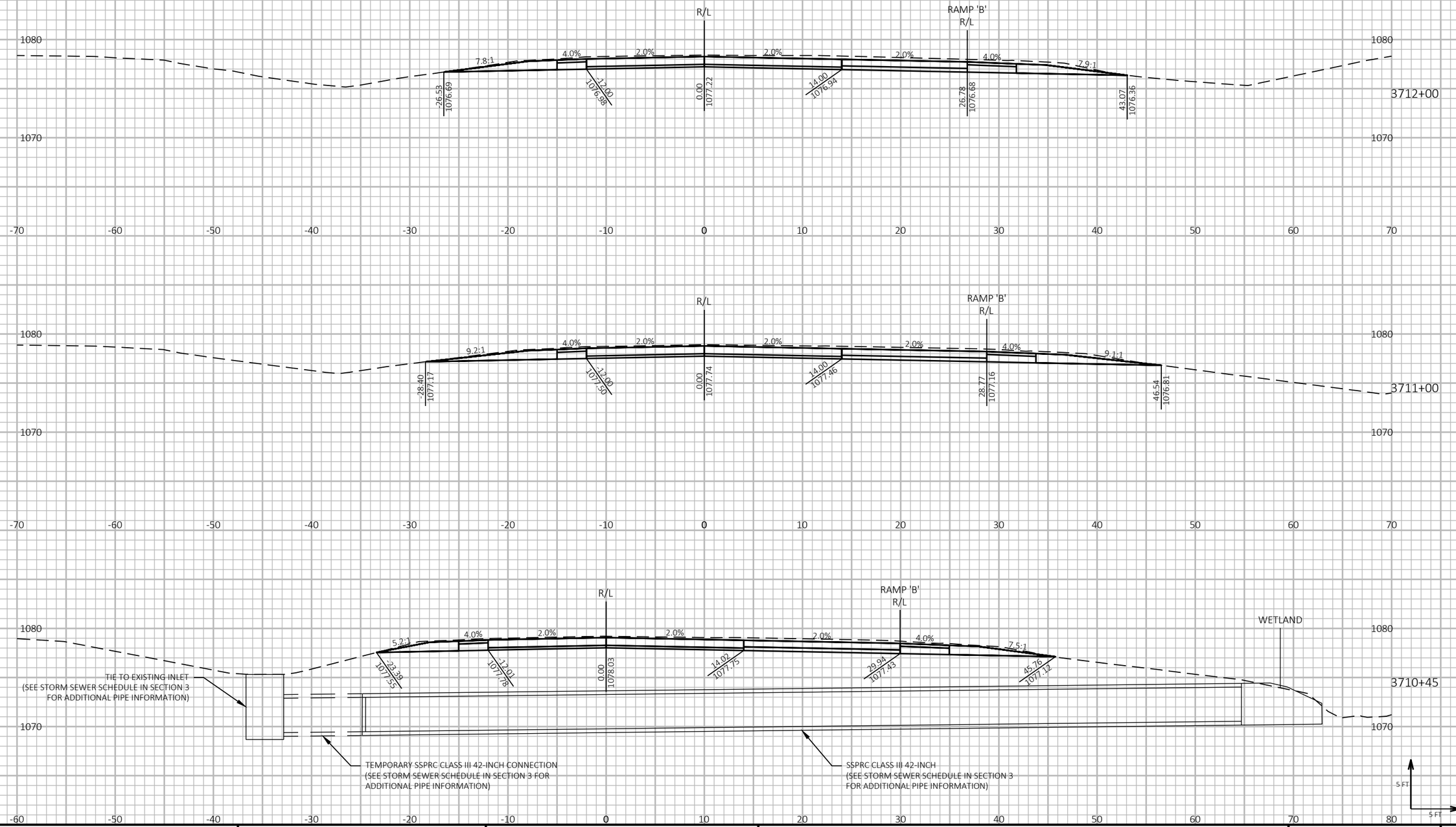
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 715	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 17

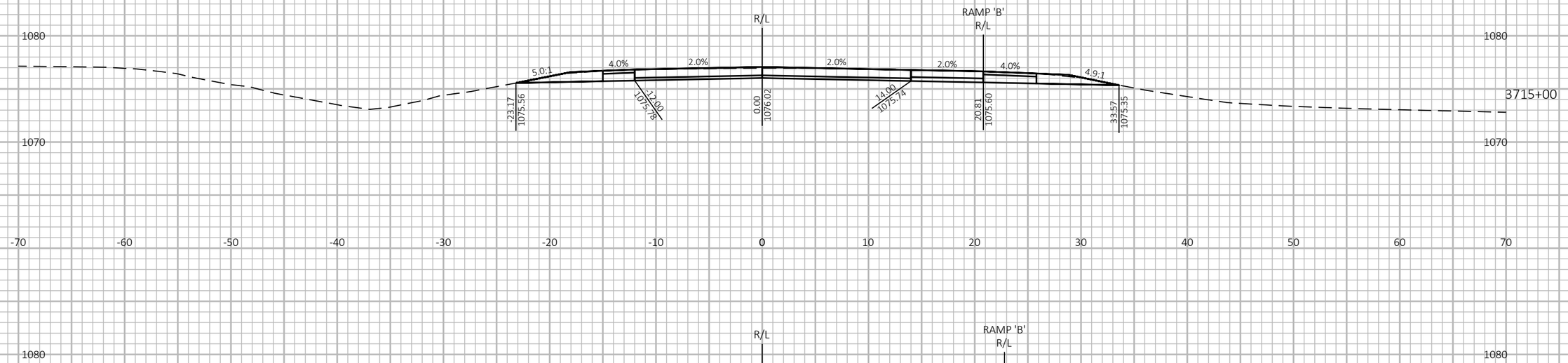
PLOT DATE : 2/18/2022 7:29 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

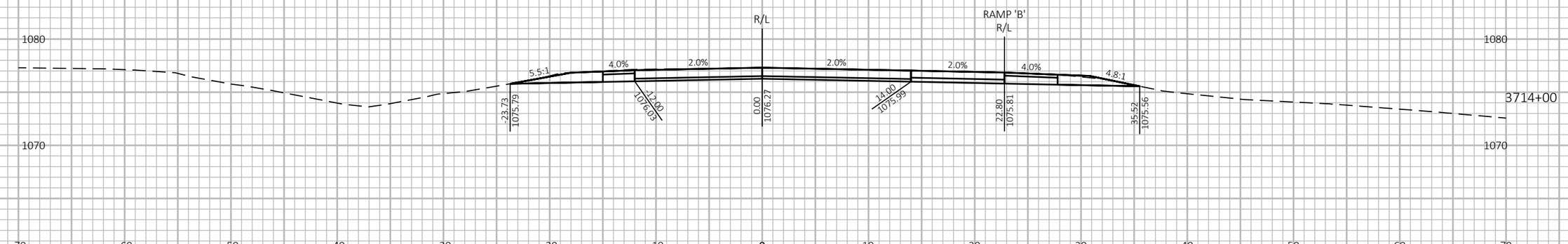
LEGEND

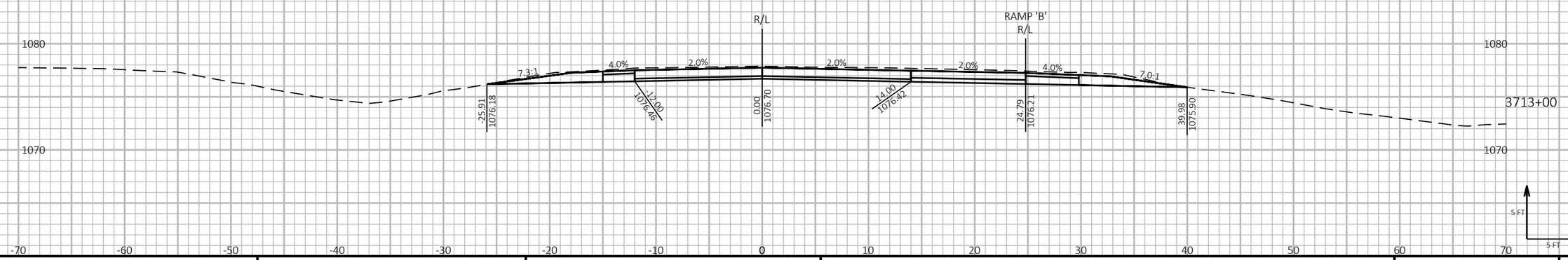
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 716	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 18

PLOT DATE : 2/18/2022 7:29 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

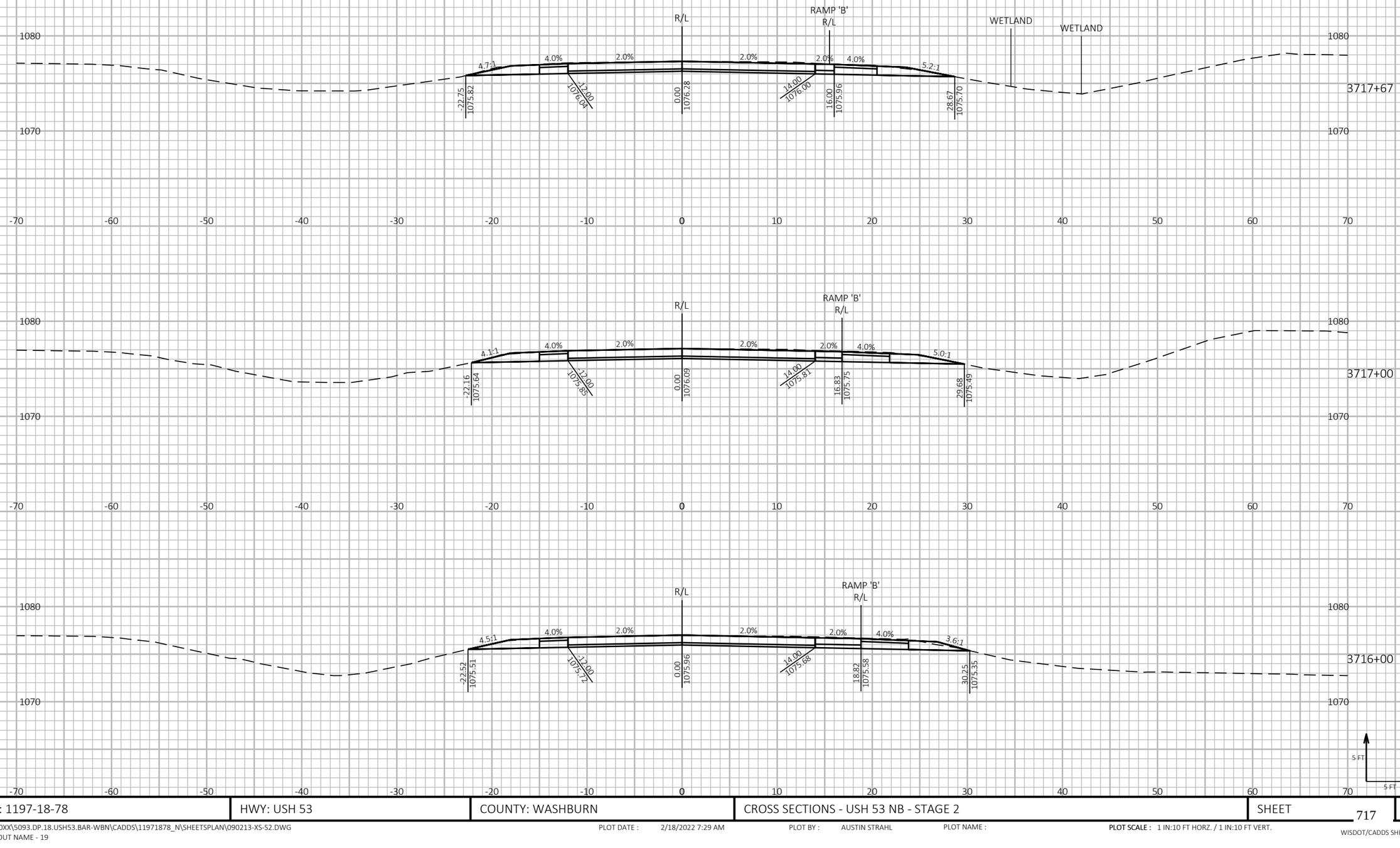
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 717	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 19

PLOT DATE : 2/18/2022 7:29 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 718	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 20

PLOT DATE : 2/18/2022 7:29 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

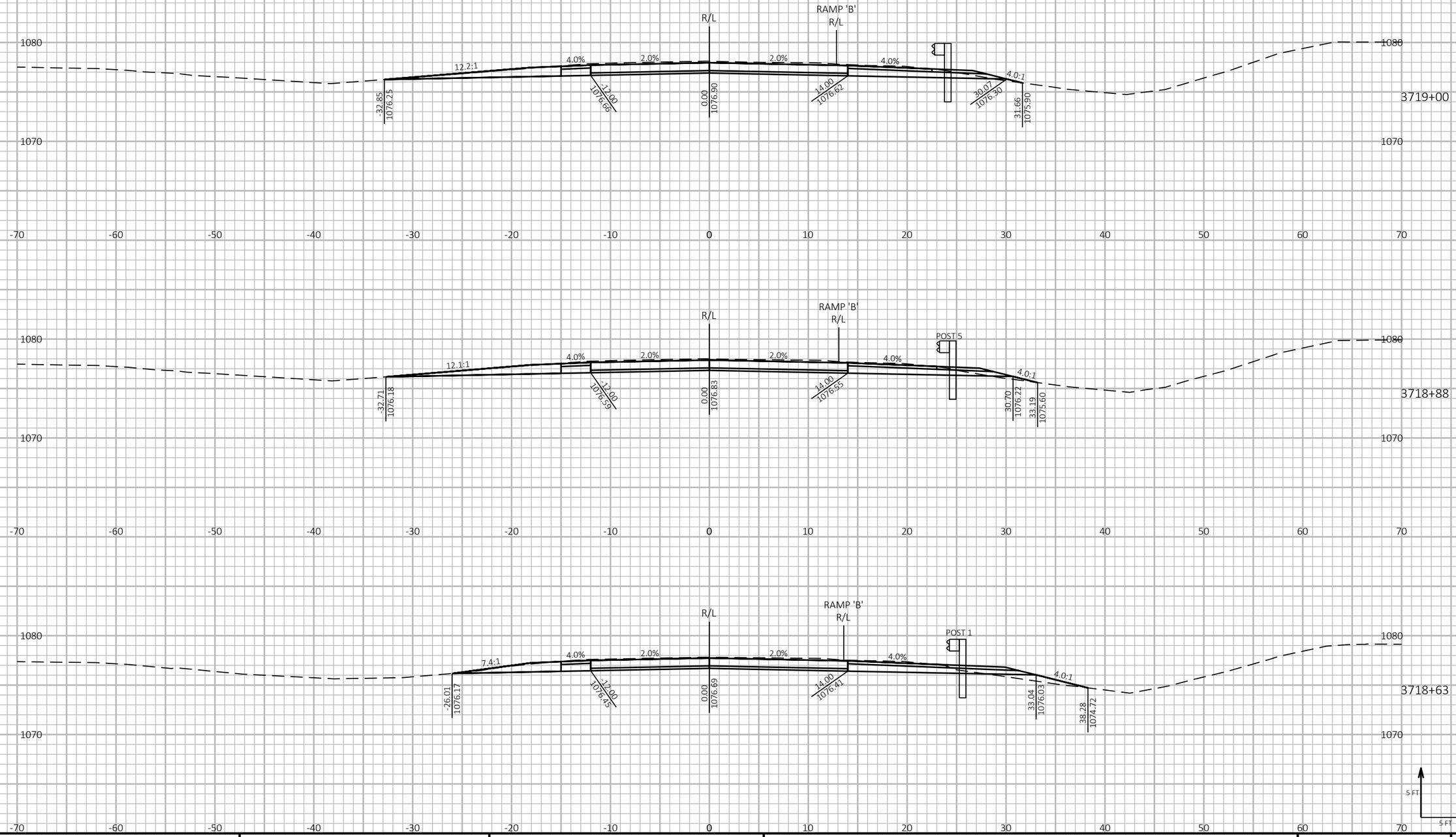
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 719	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 21

PLOT DATE : 2/18/2022 7:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

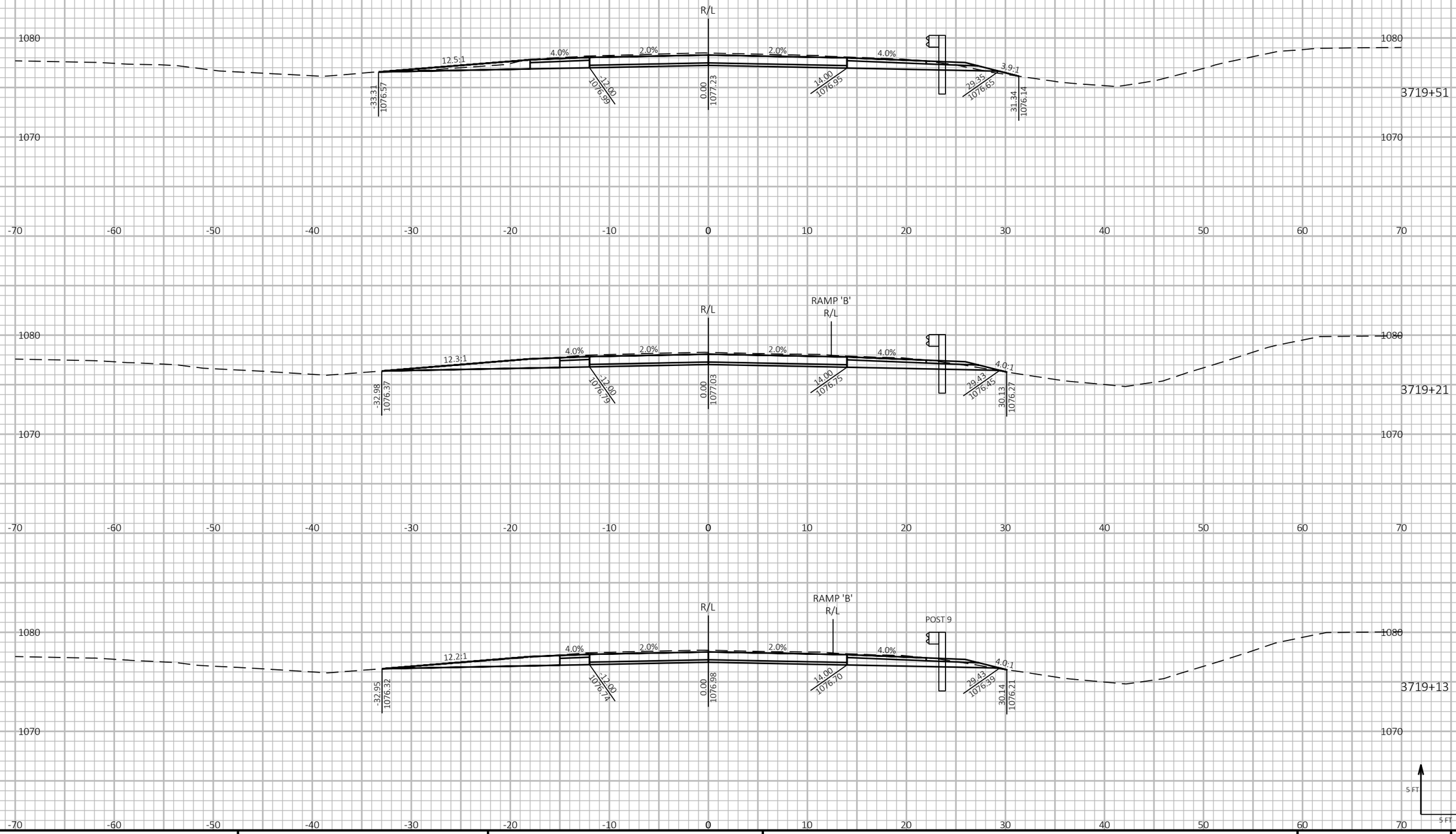
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 720	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 22

PLOT DATE : 2/18/2022 7:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

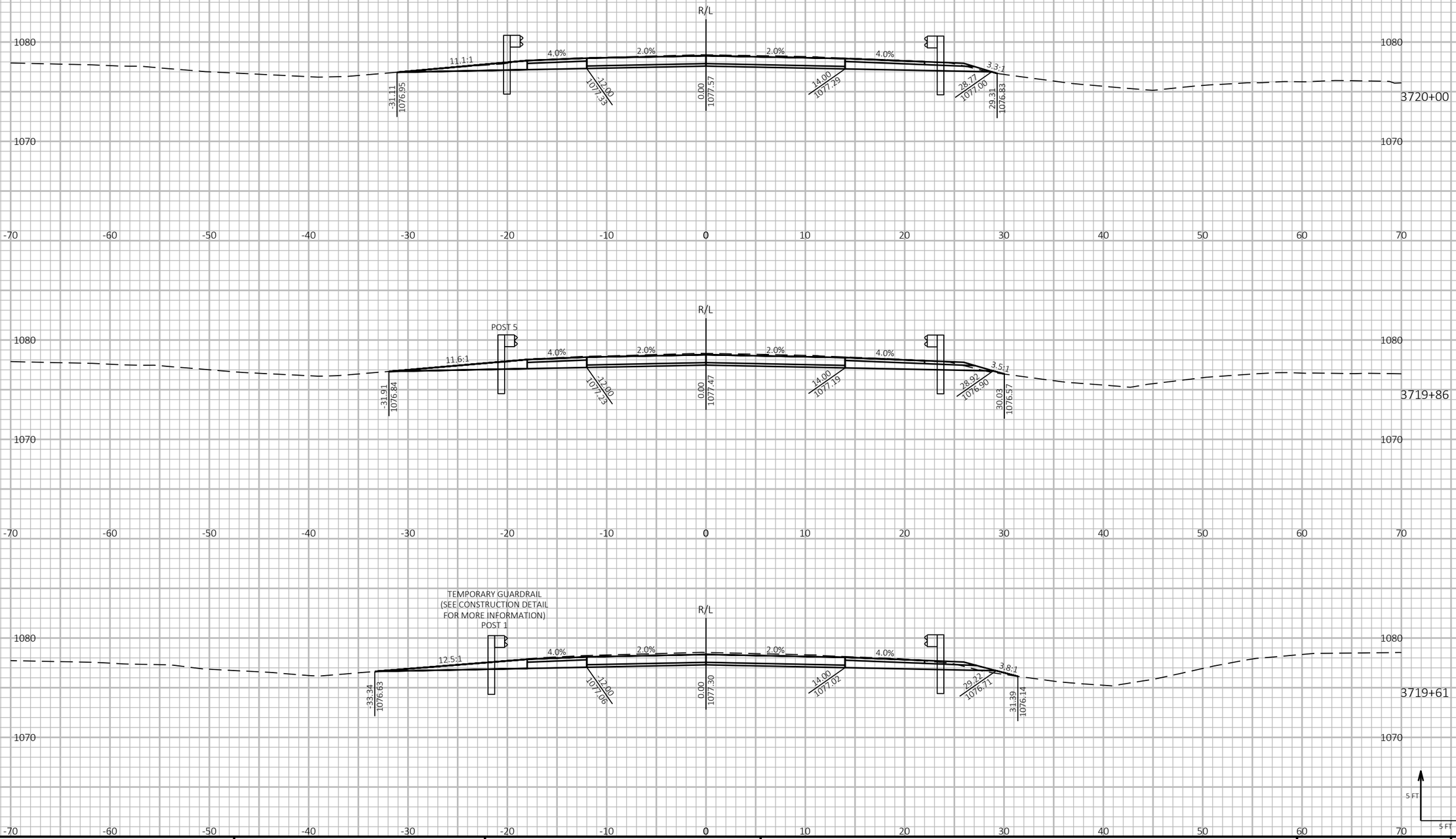
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 721	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 23

PLOT DATE : 2/18/2022 7:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

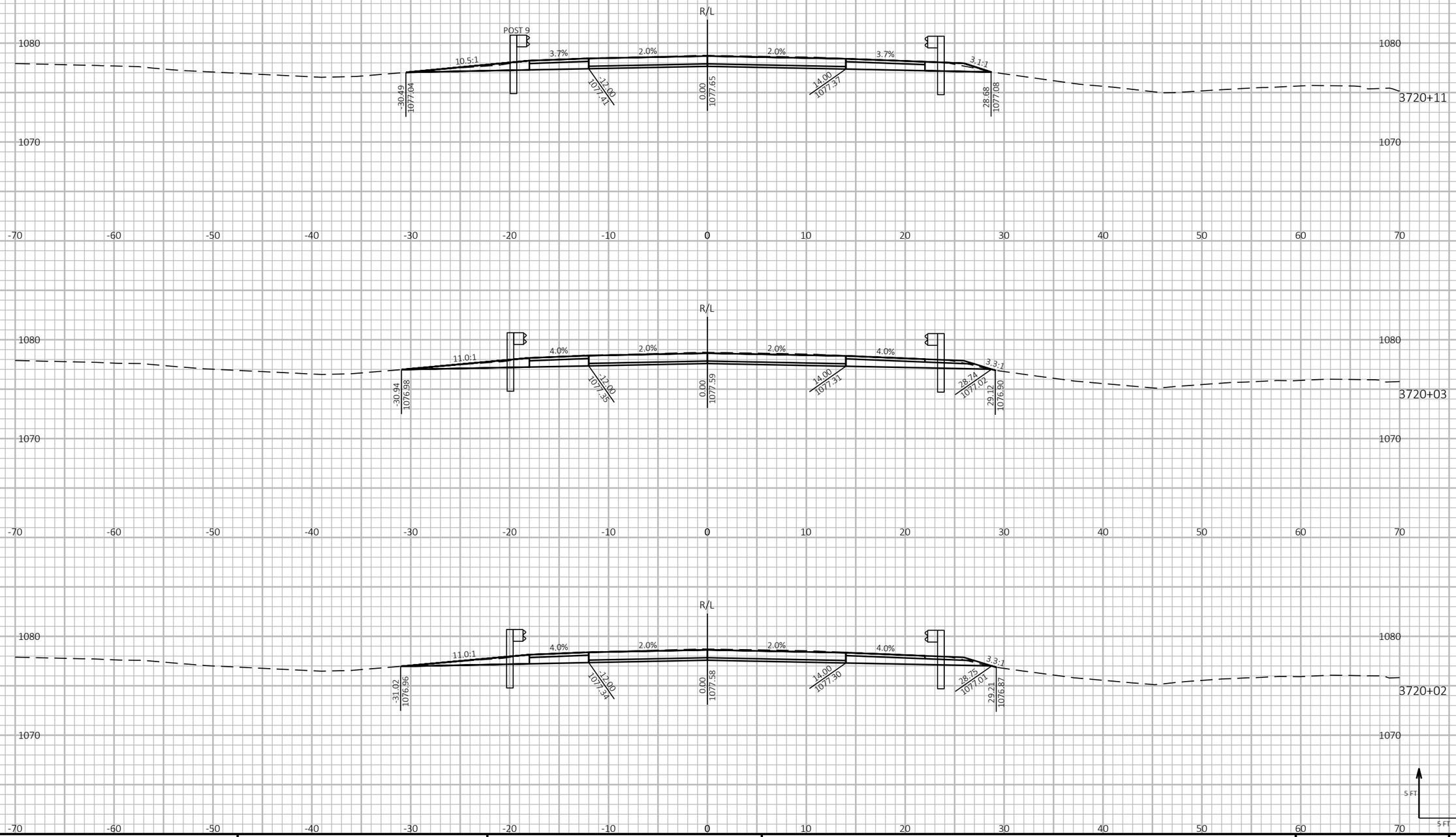
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 722	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 24

PLOT DATE : 2/18/2022 7:30 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

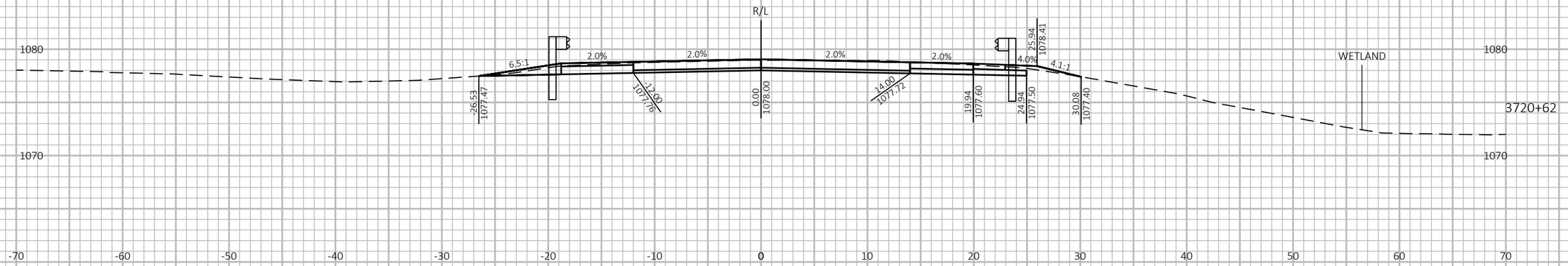
WISDOT/CADDS SHEET 49

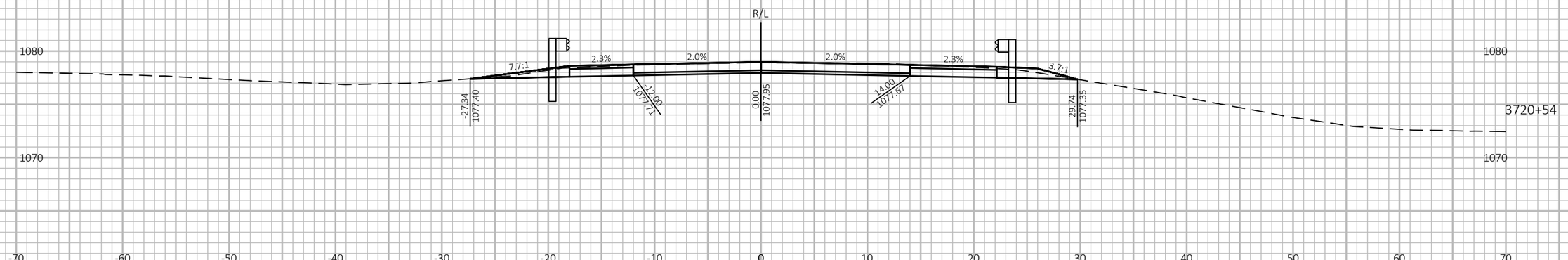
LEGEND

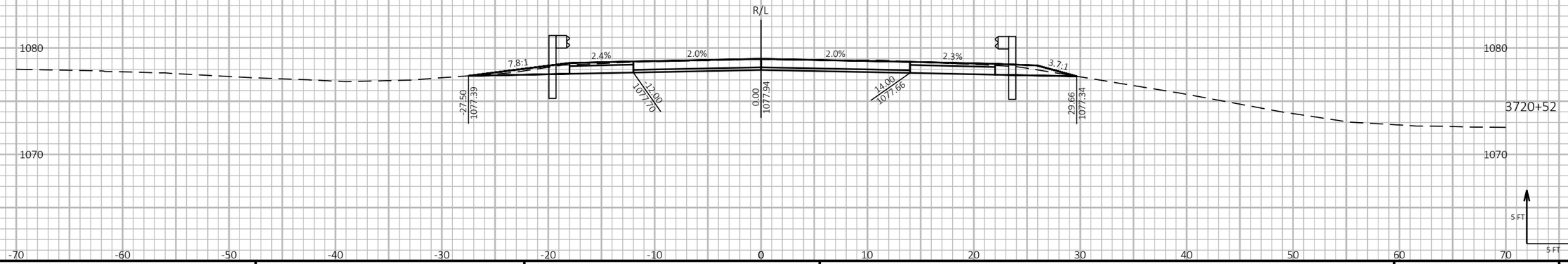
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 723	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 25

PLOT DATE : 2/18/2022 7:30 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

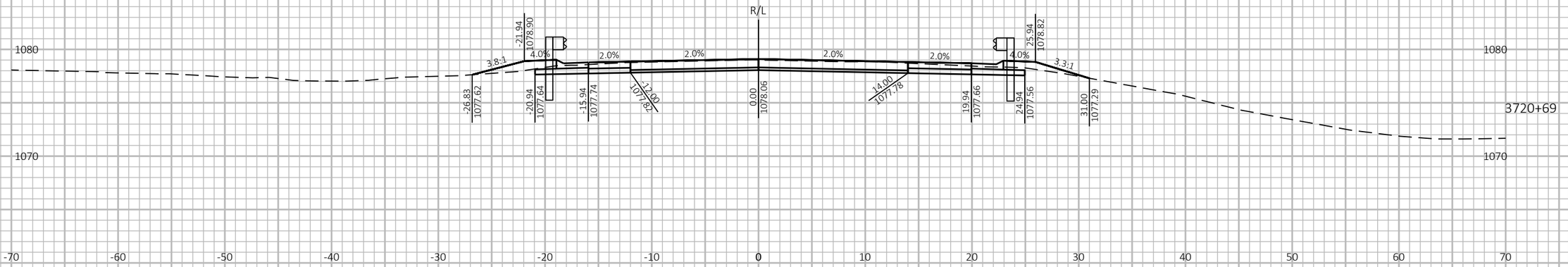
WISDOT/CADDS SHEET 49

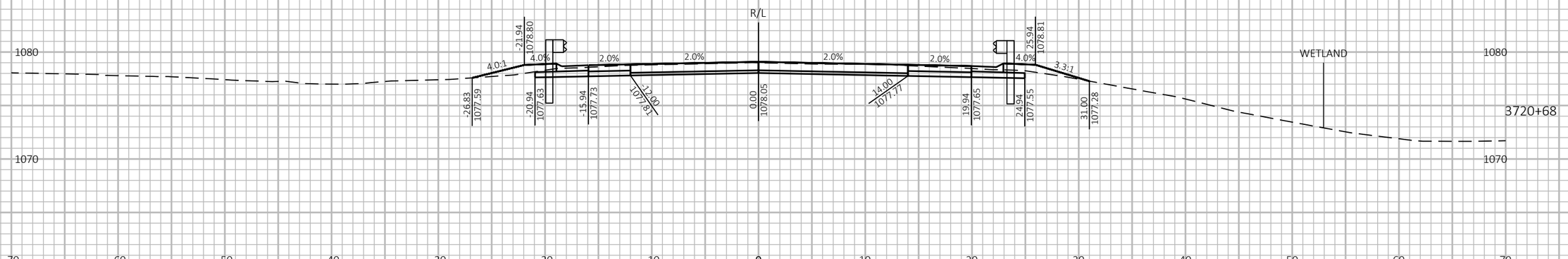
LEGEND

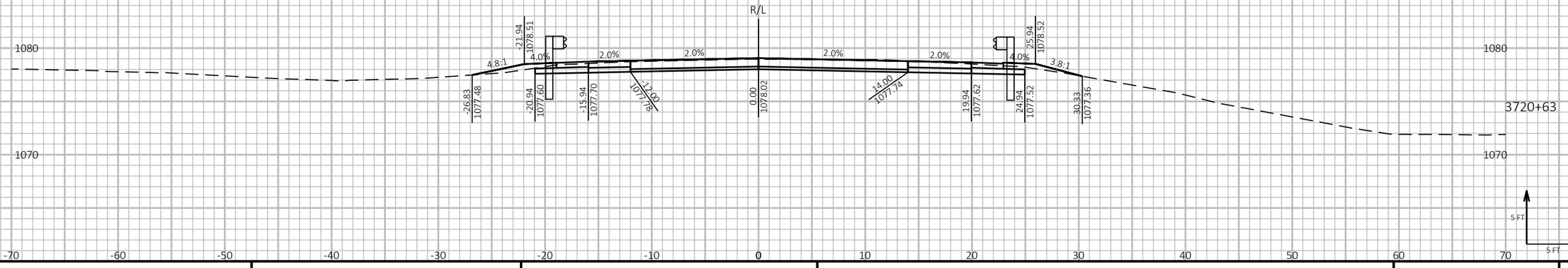
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







5 FT

5 FT

9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 724	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 26

PLOT DATE : 2/18/2022 7:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

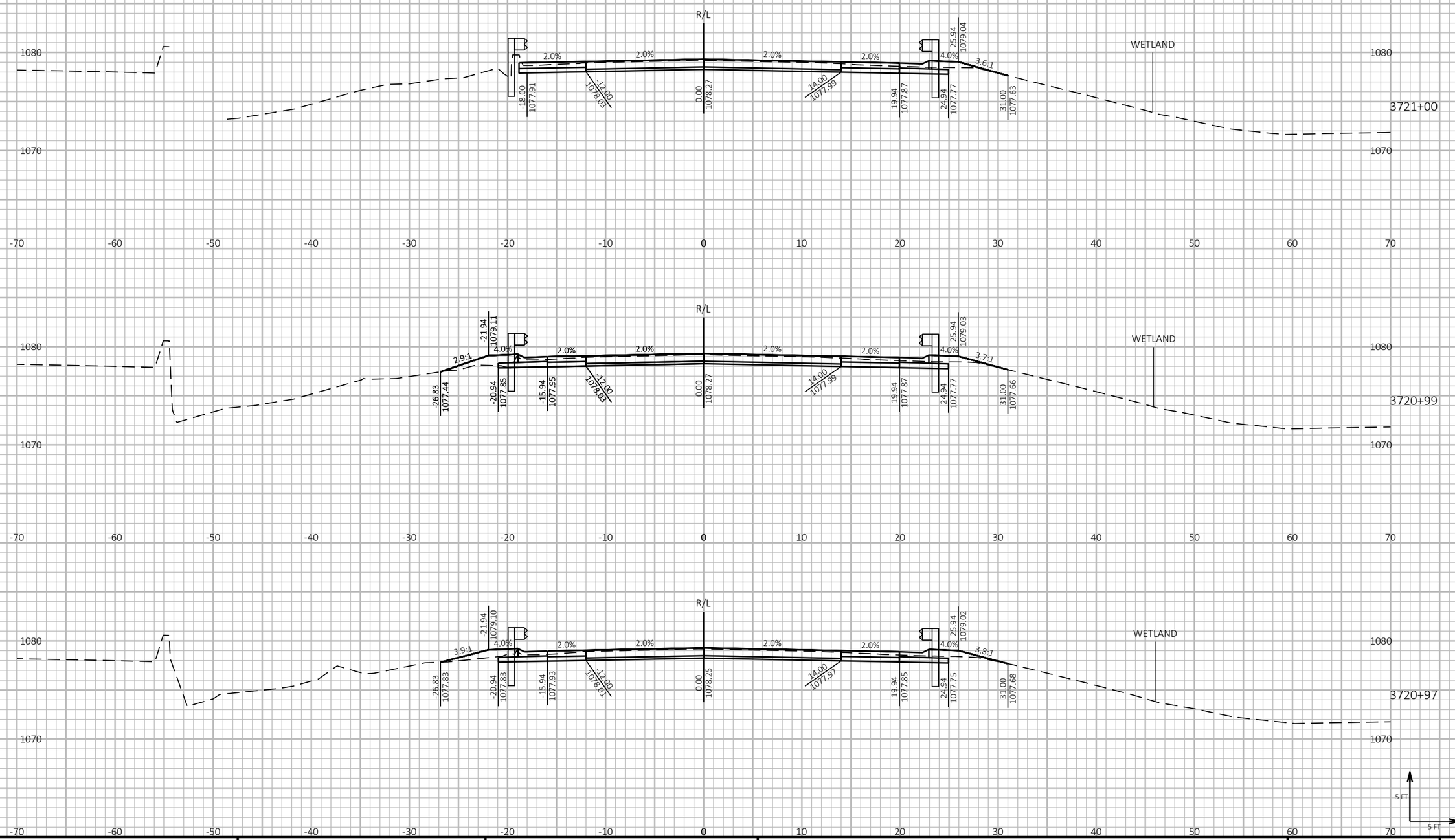
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 725	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 27

PLOT DATE : 2/18/2022 7:31 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

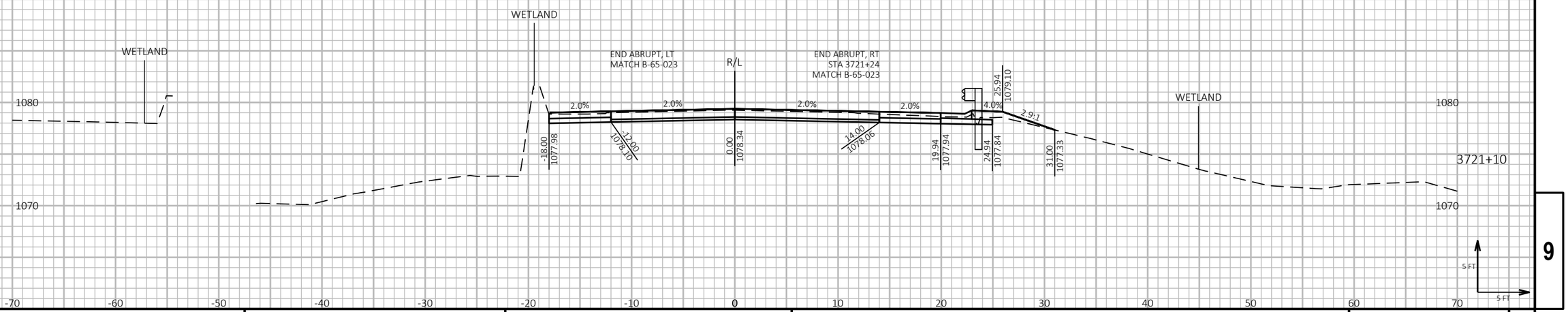
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 726	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090213-XS-S2.DWG
LAYOUT NAME - 28

PLOT DATE : 2/18/2022 7:31 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

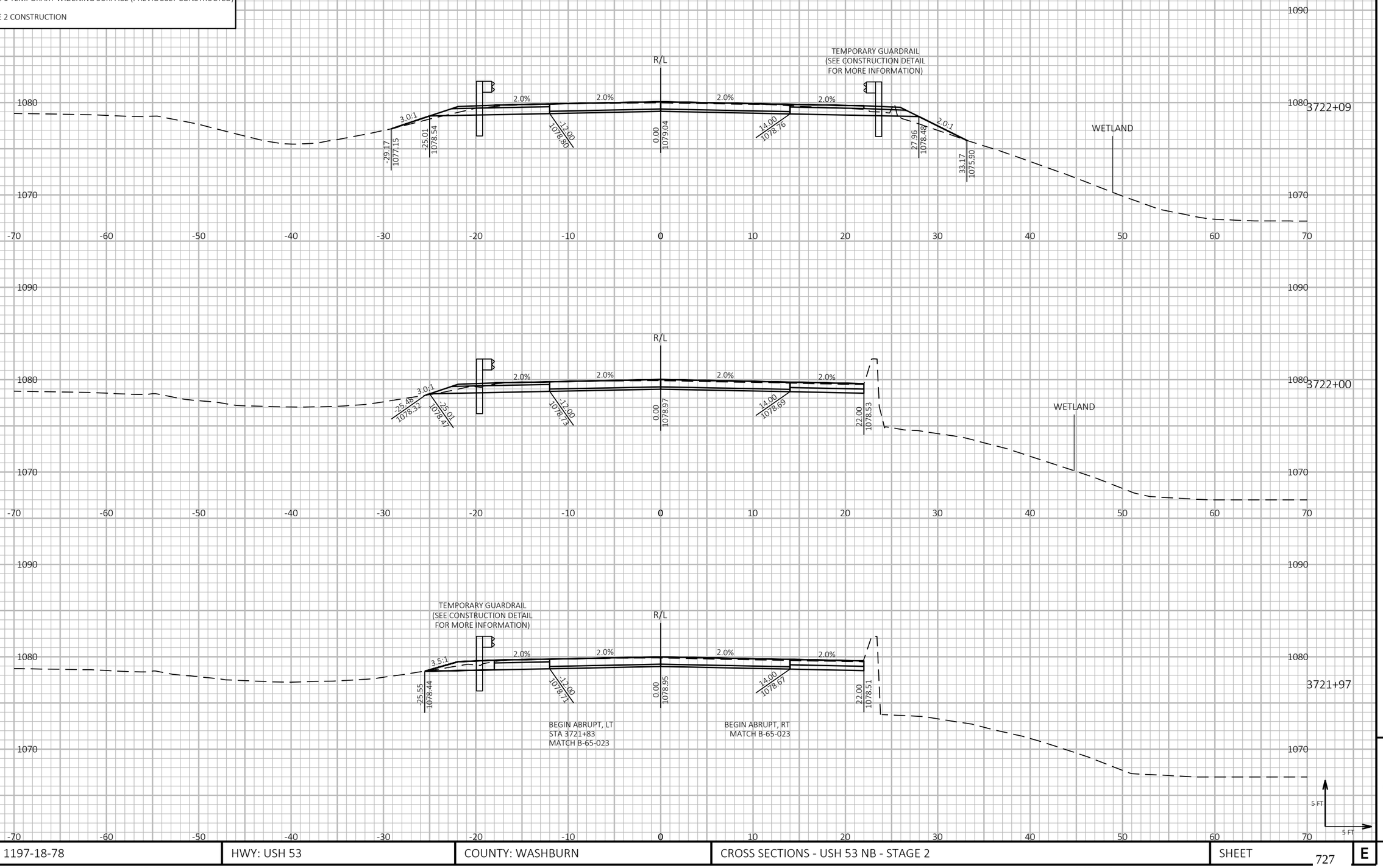
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 727	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 10/4/2022 12:48 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

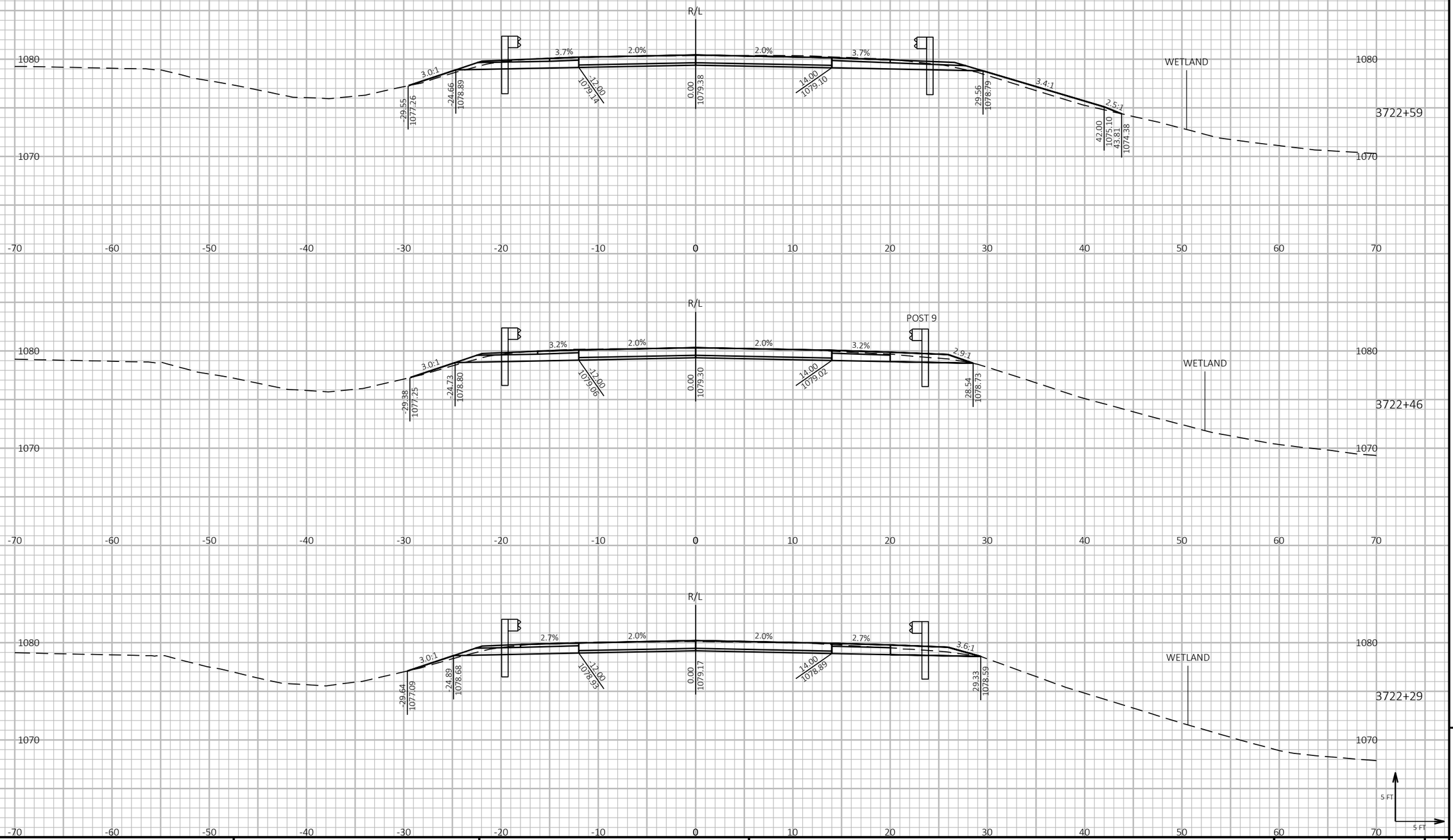
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 728	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 10/4/2022 12:48 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

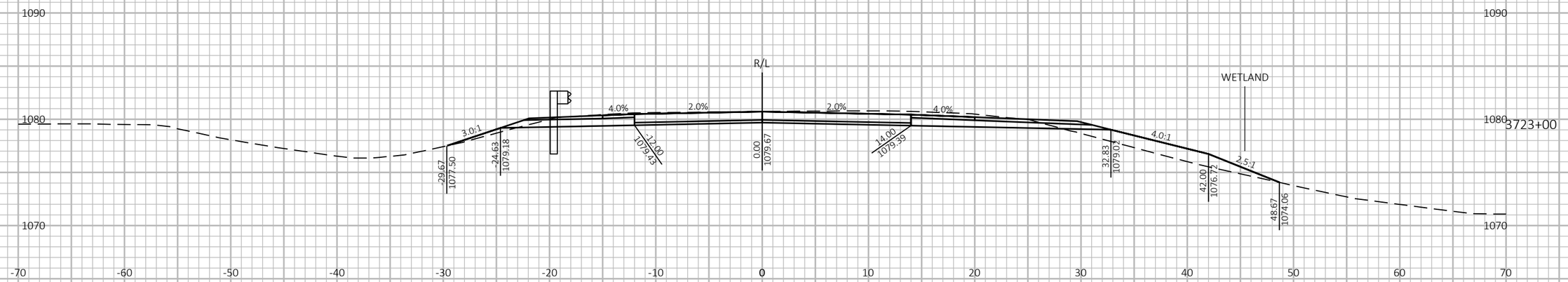
WISDOT/CADDS SHEET 49

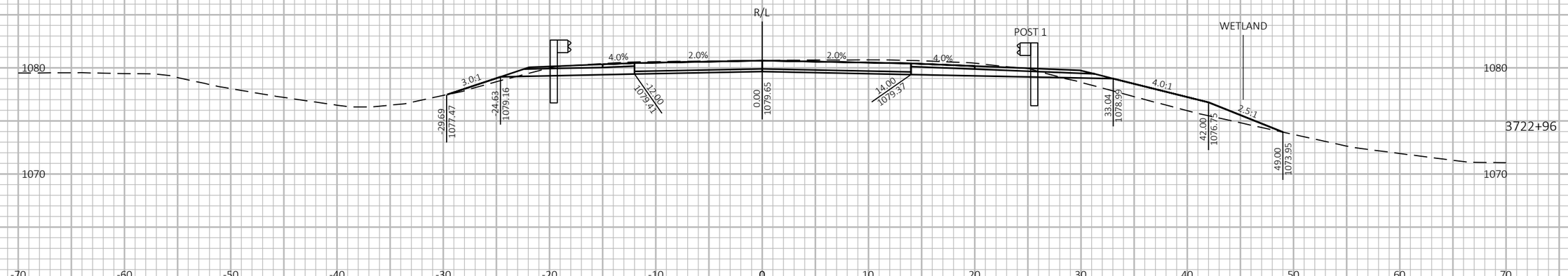
LEGEND

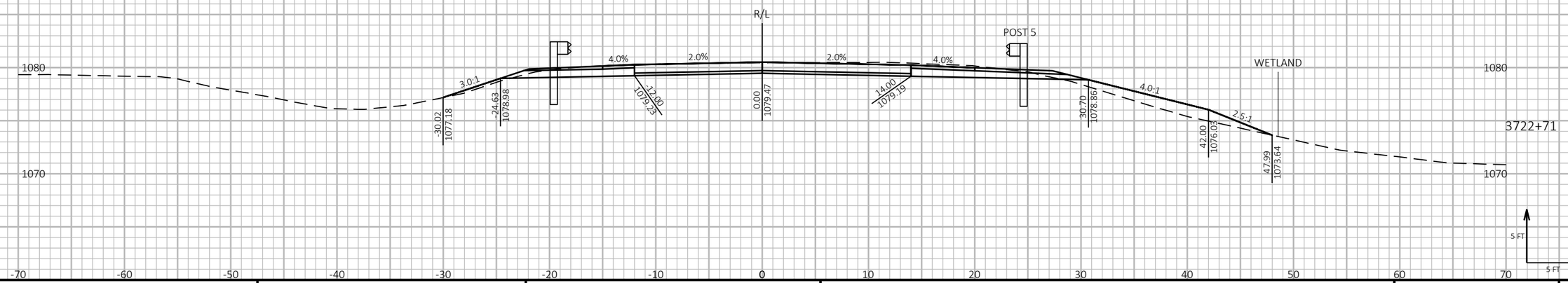
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







5 FT

5 FT

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 729	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 10/4/2022 12:49 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 730	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 10/4/2022 12:49 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

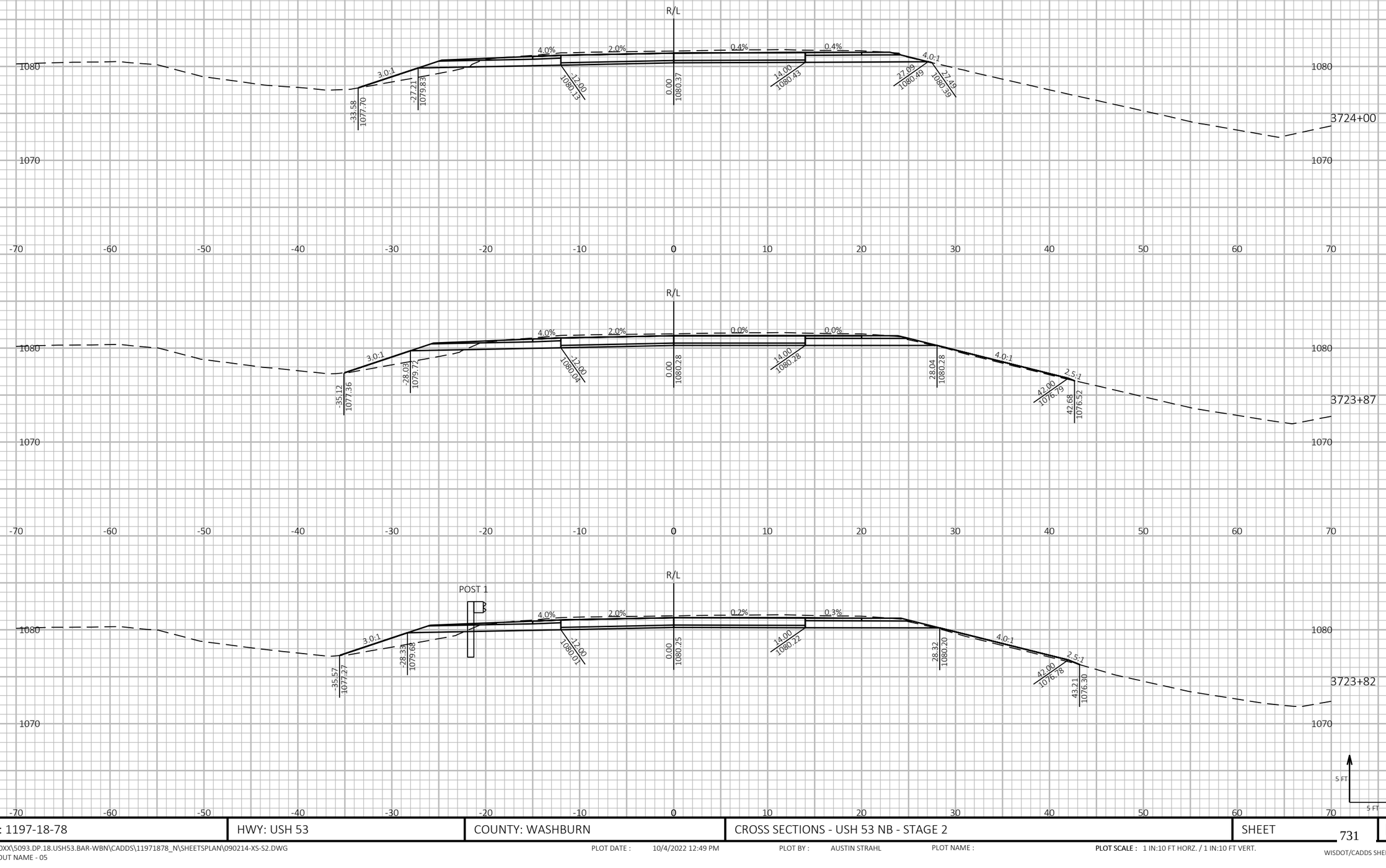
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 731	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 10/4/2022 12:49 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

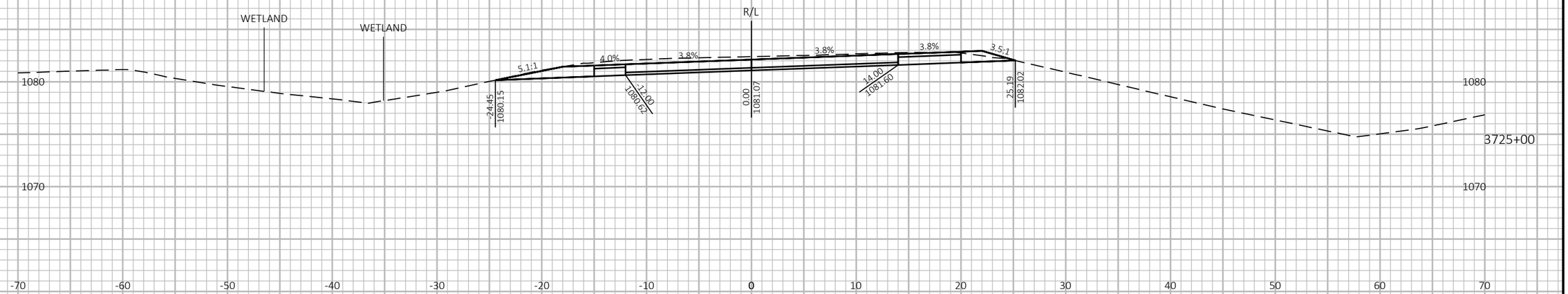
WISDOT/CADDS SHEET 49

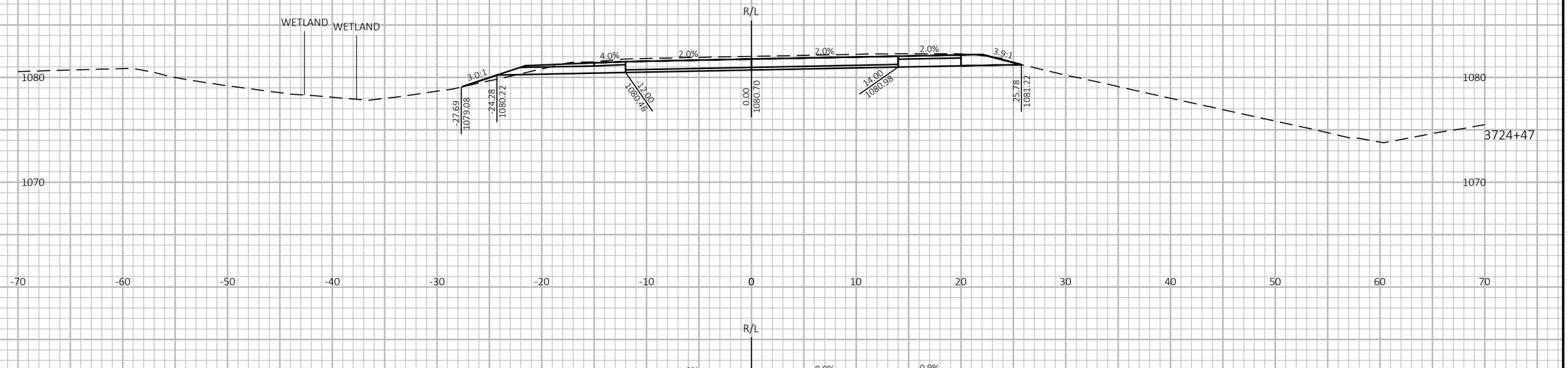
LEGEND

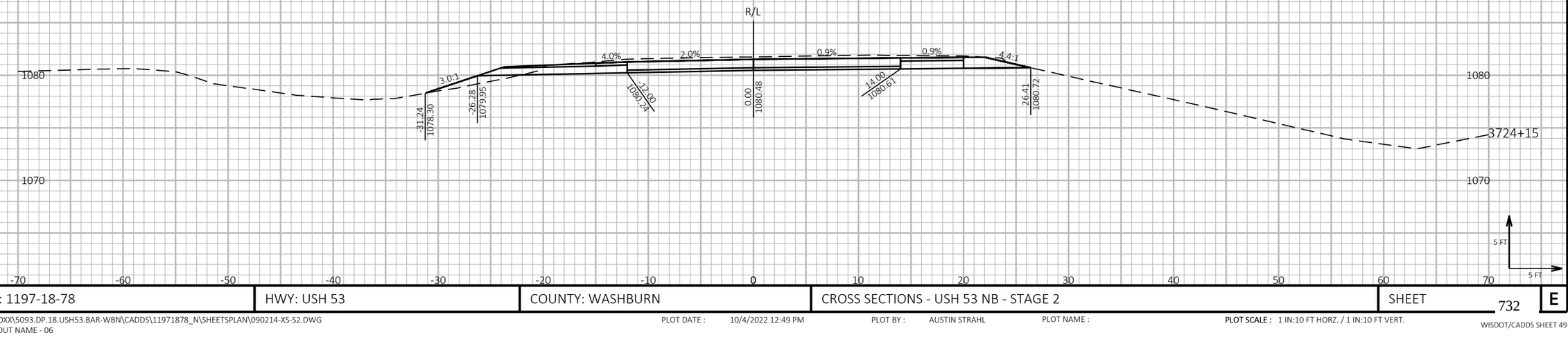
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 732	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 10/4/2022 12:49 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

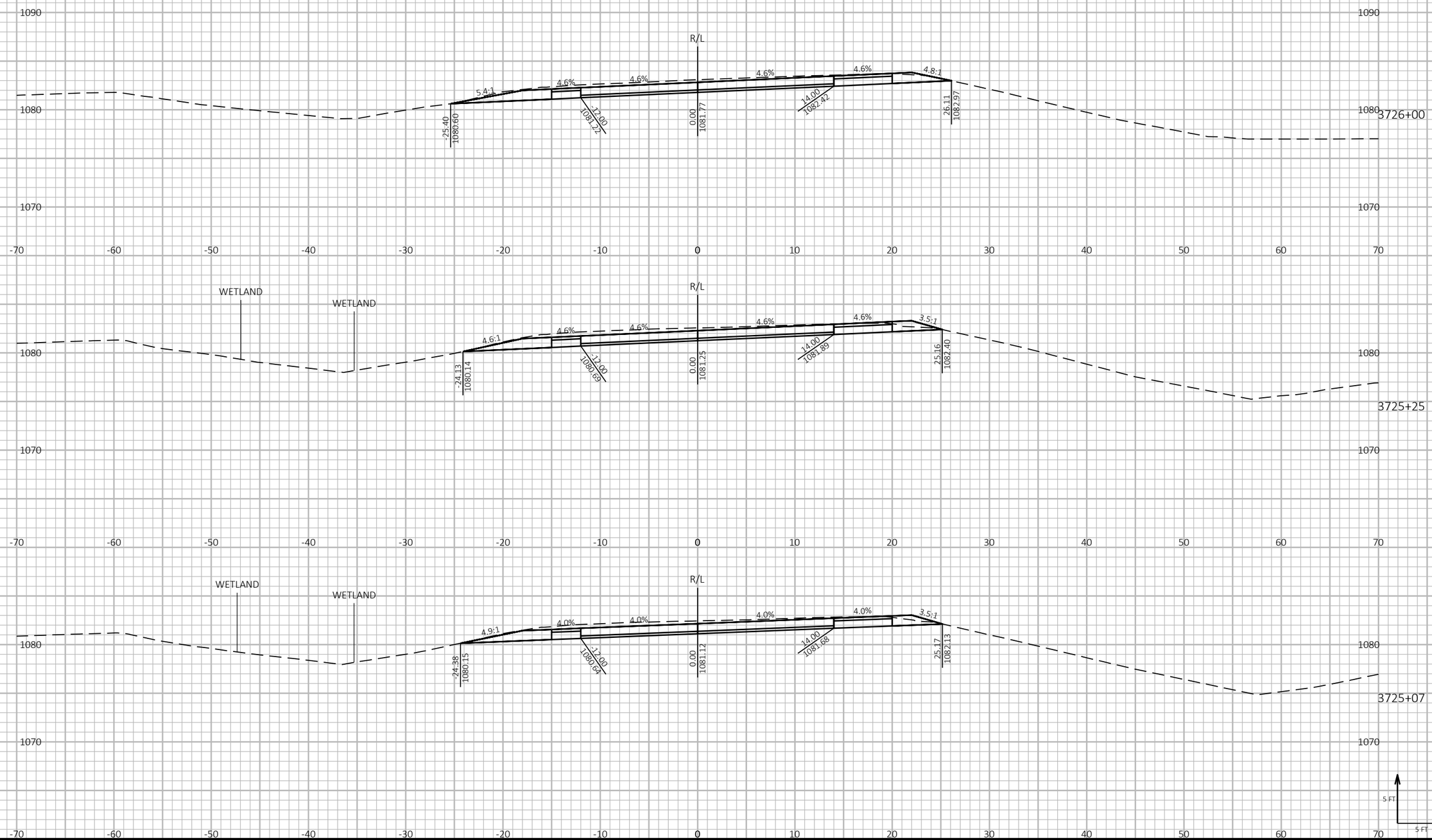
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 733	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 10/4/2022 12:50 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

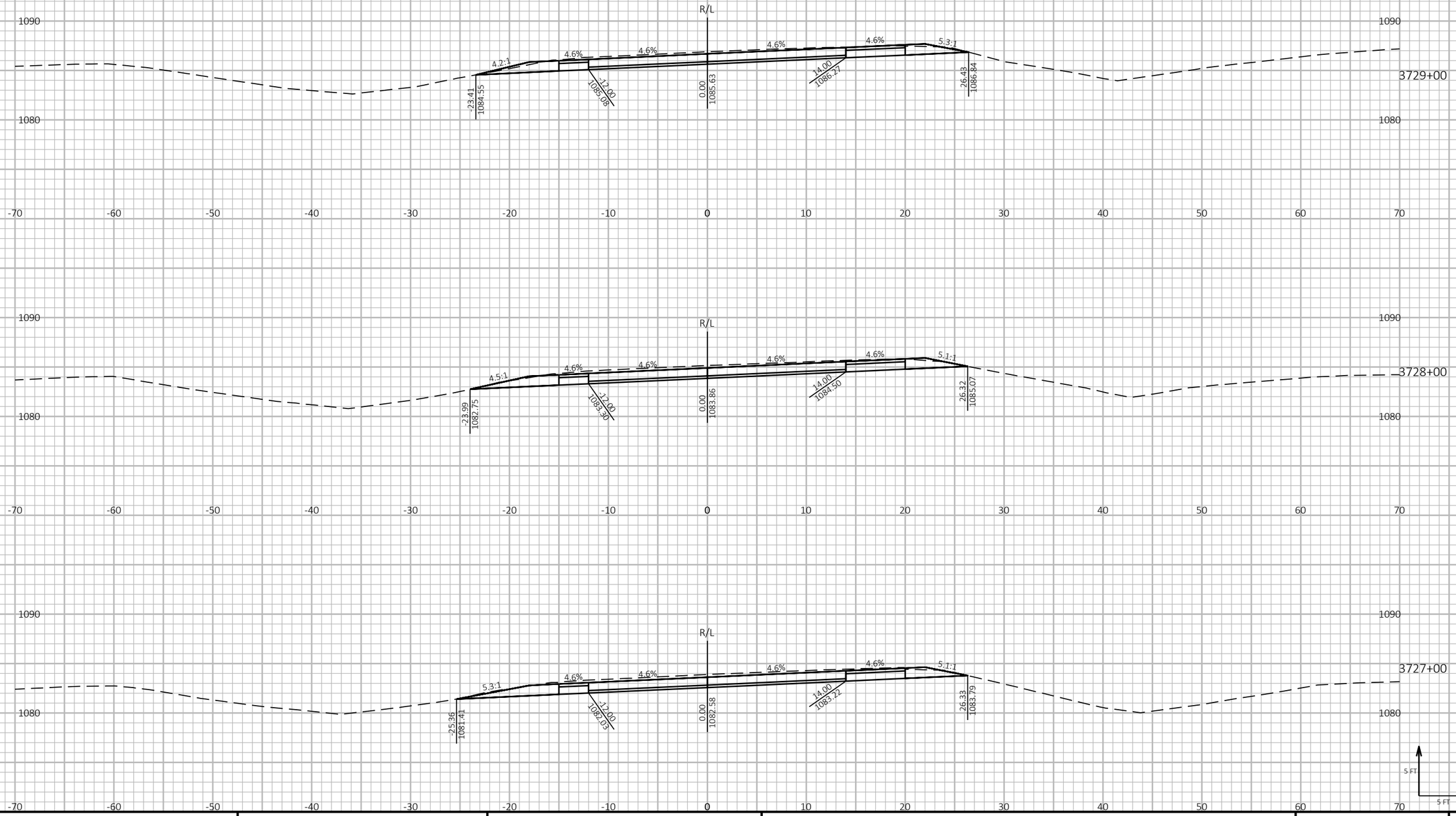
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 734	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 10/4/2022 12:50 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

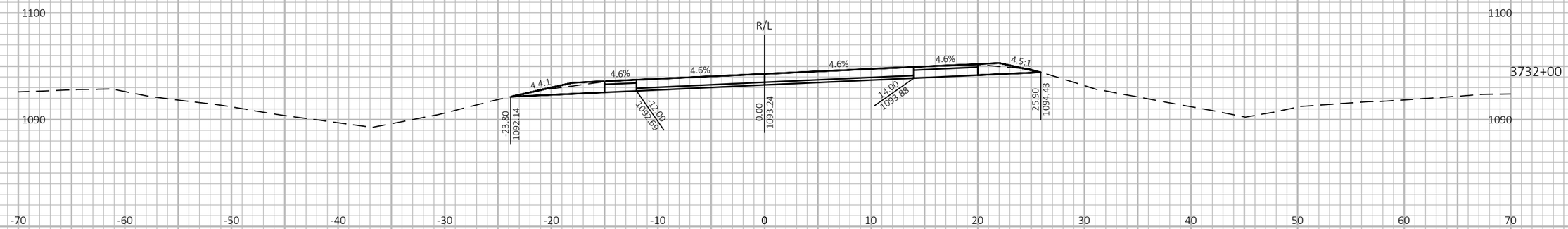
WISDOT/CADDS SHEET 49

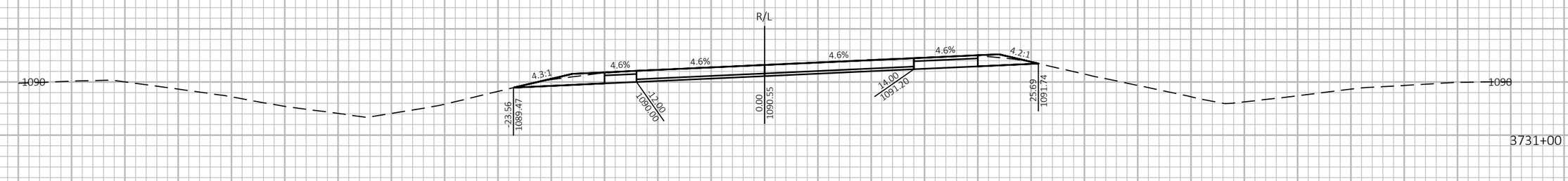
LEGEND

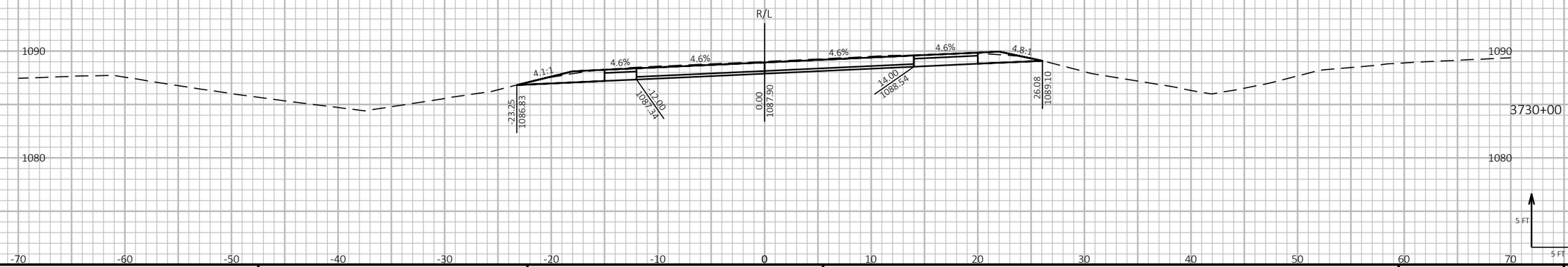
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 735	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 10/4/2022 12:50 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

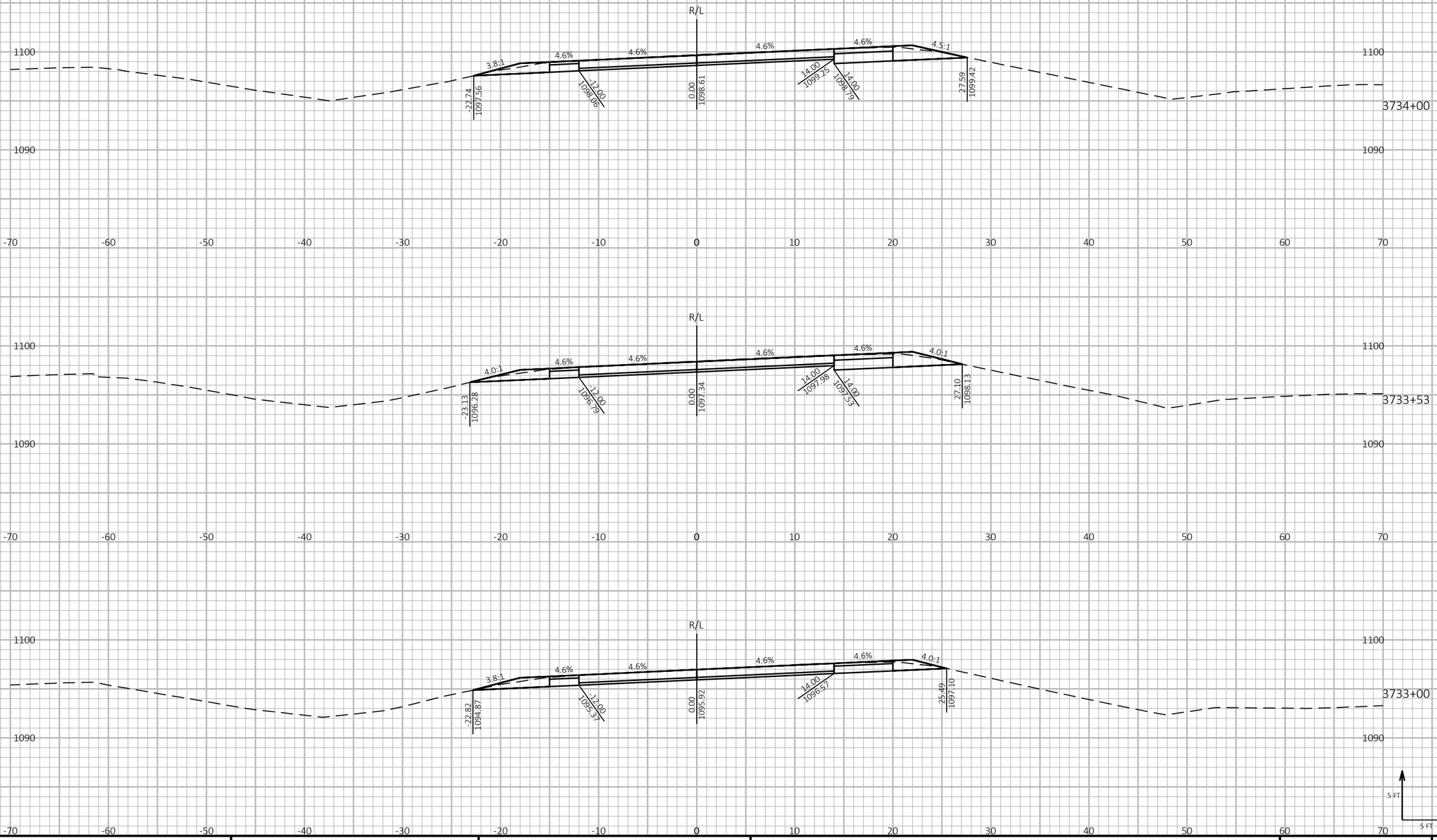
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 736	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 10/4/2022 12:50 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

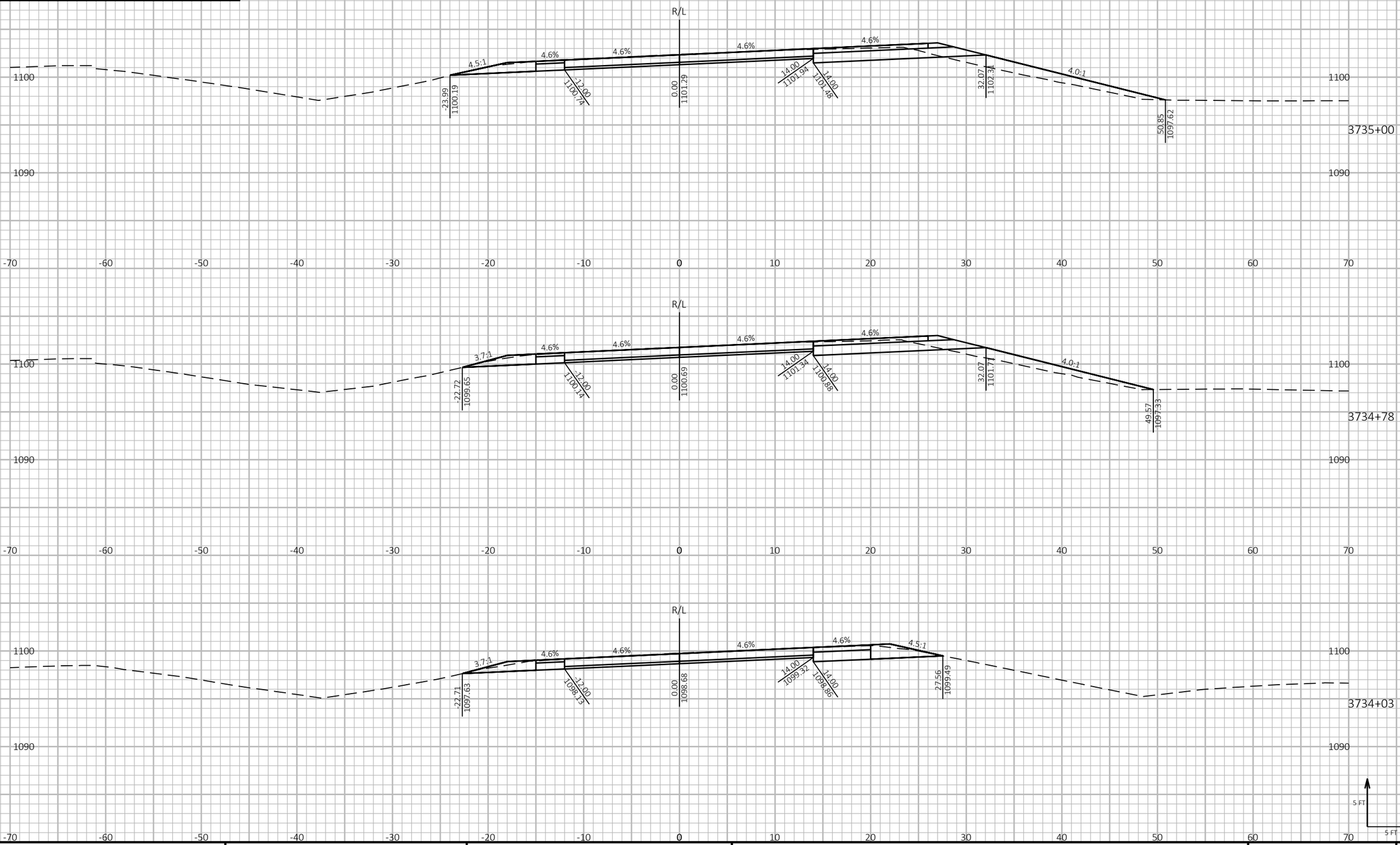
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 737	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 10/4/2022 12:51 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

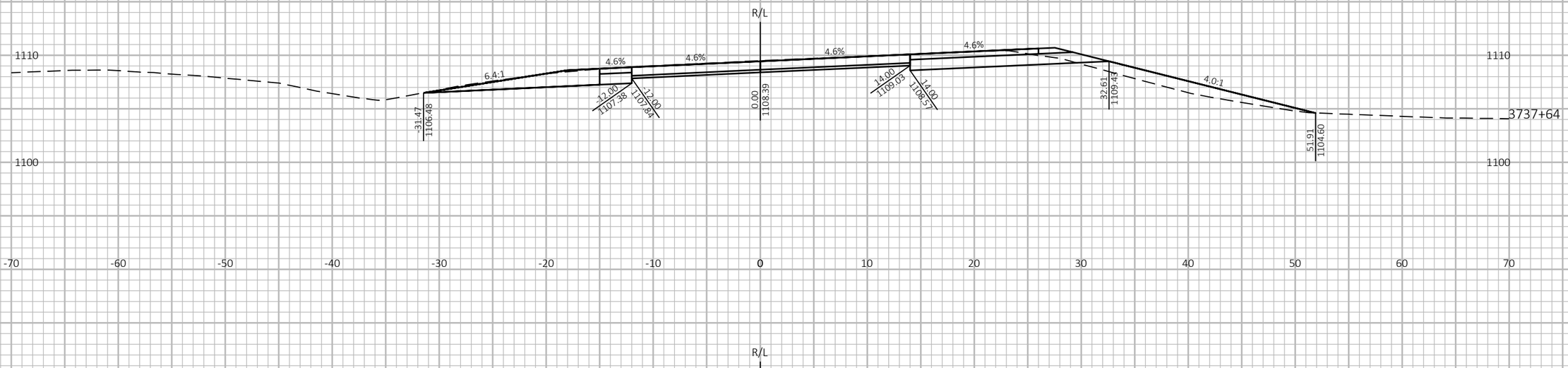
WISDOT/CADDS SHEET 49

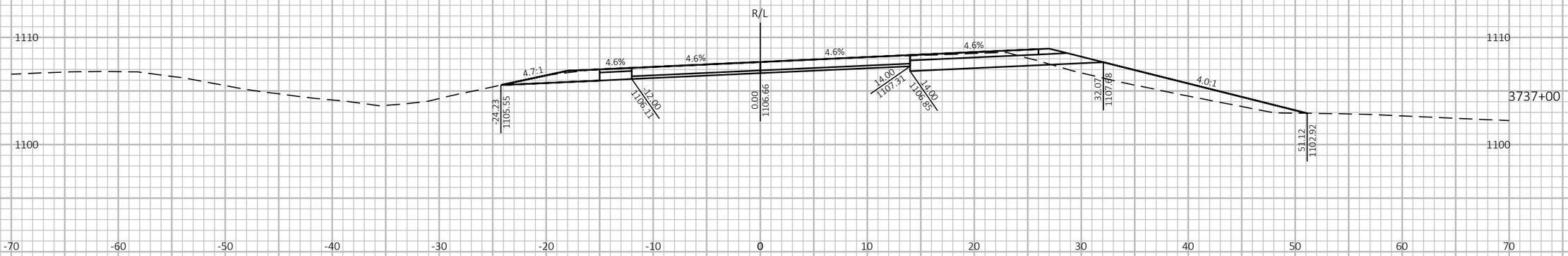
LEGEND

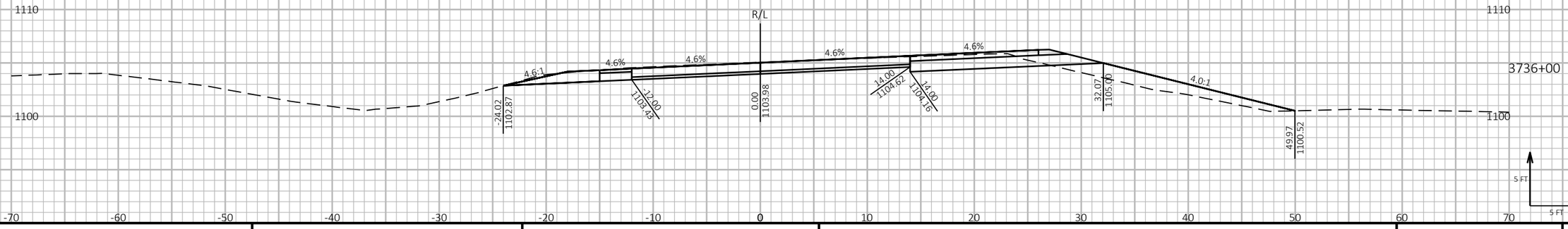
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 738	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 12

PLOT DATE : 10/4/2022 12:51 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

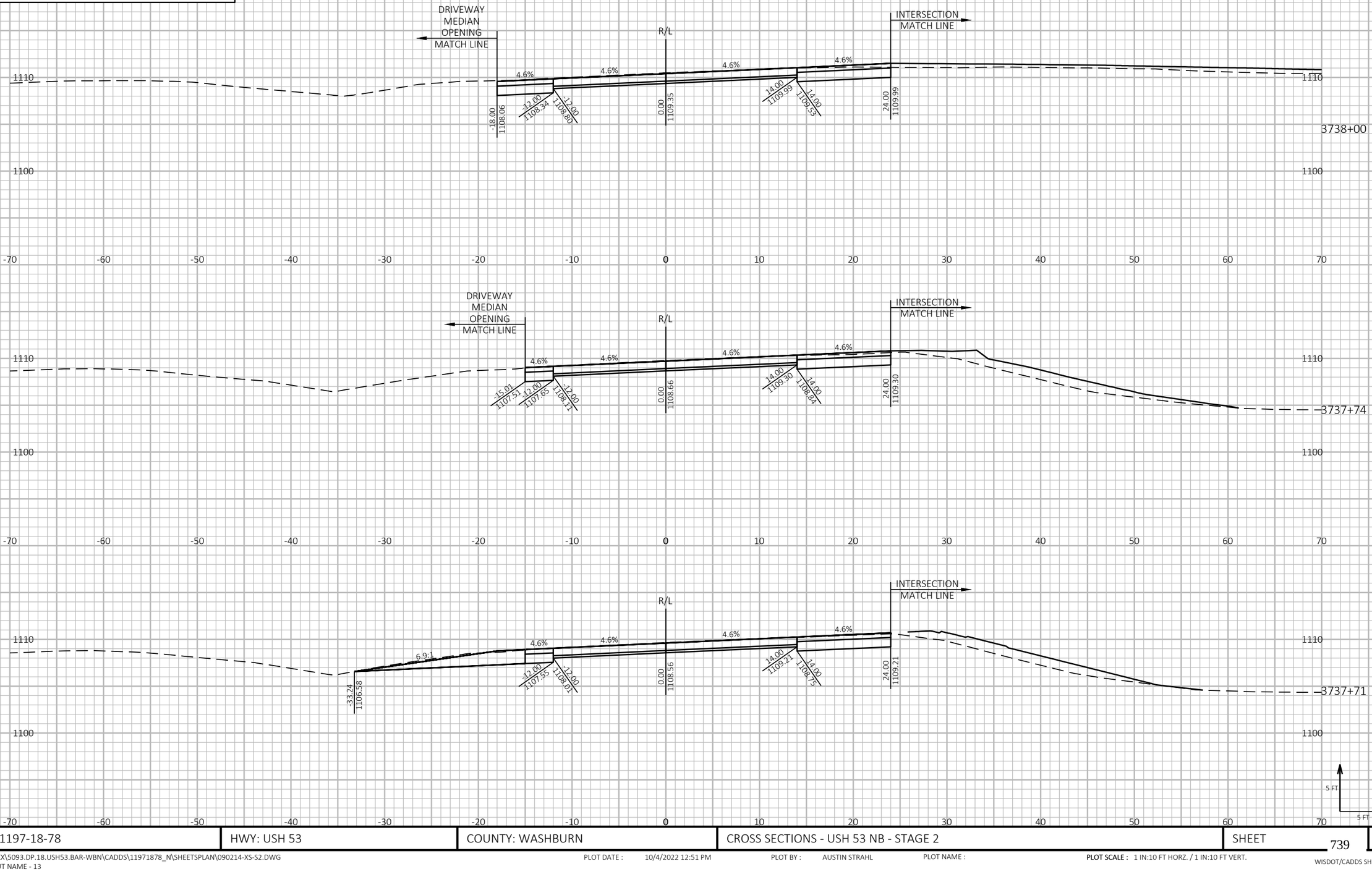
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 739	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 10/4/2022 12:51 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

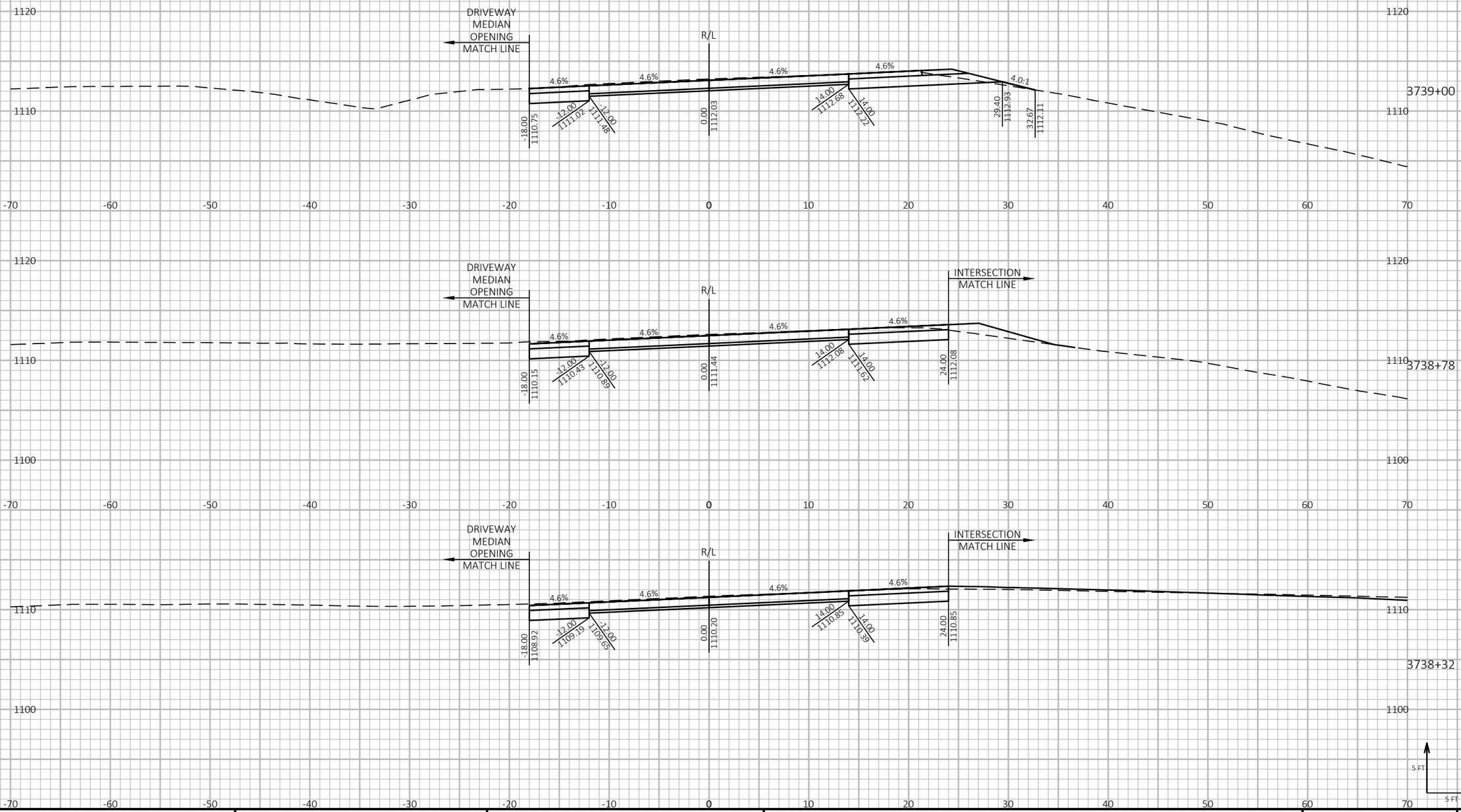
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 740	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 10/4/2022 12:51 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

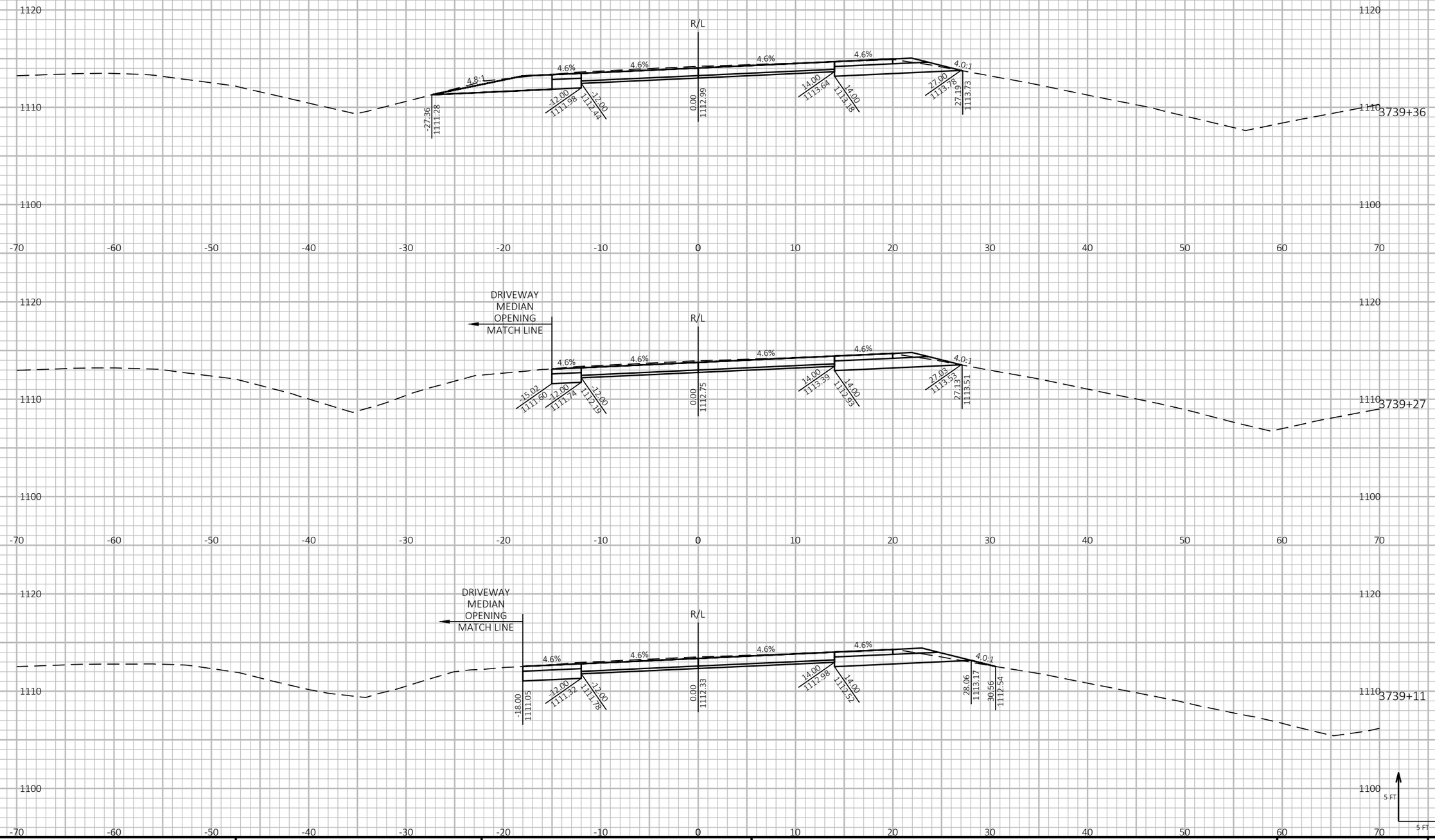
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 741	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 10/4/2022 12:52 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

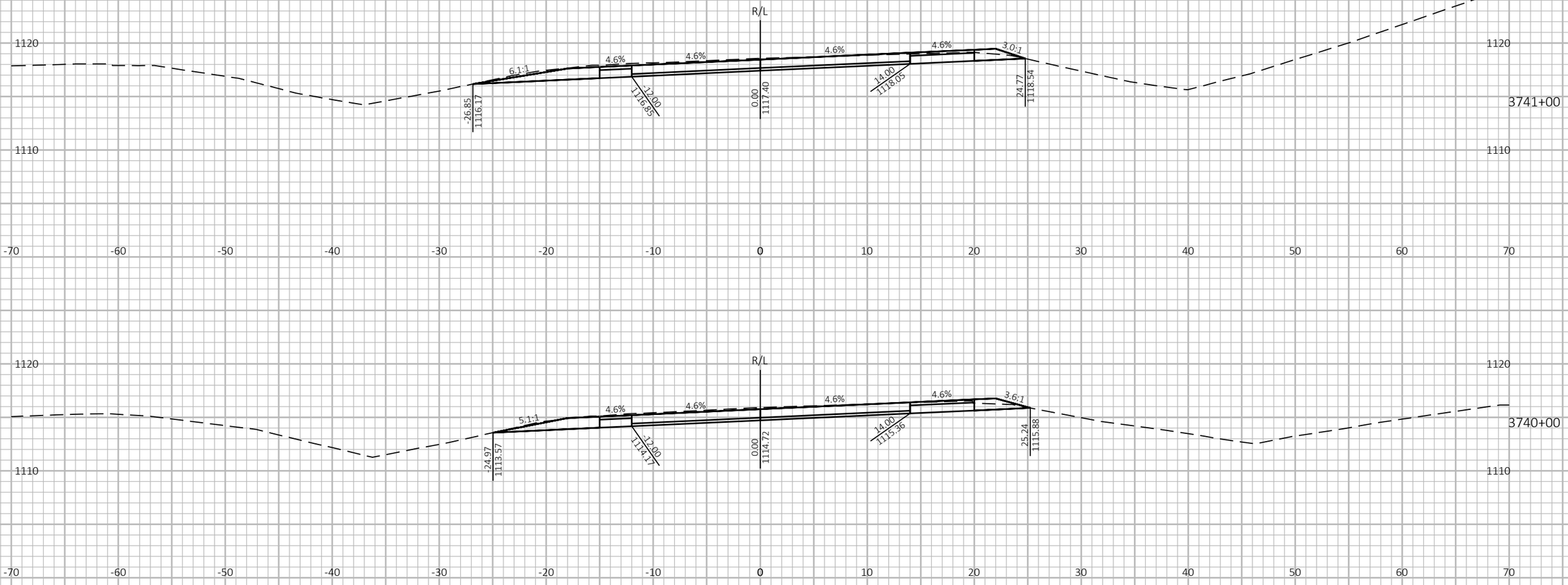
WISDOT/CADDS SHEET 49

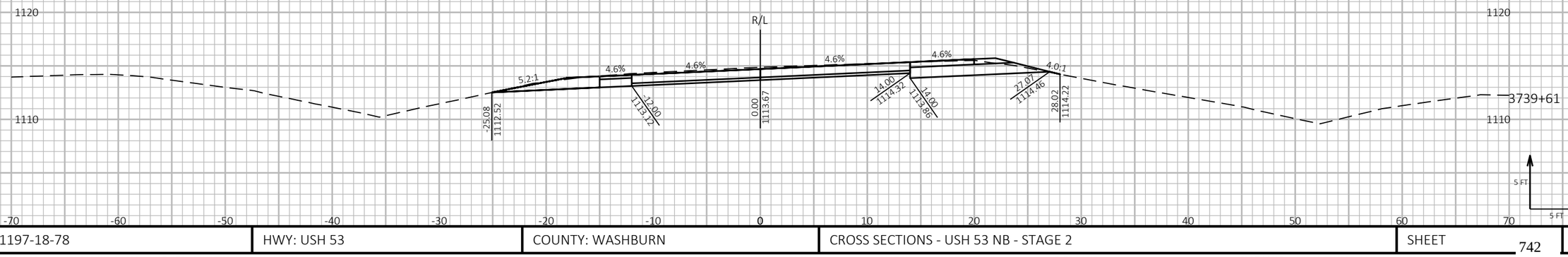
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 742	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 16

PLOT DATE : 10/4/2022 12:52 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

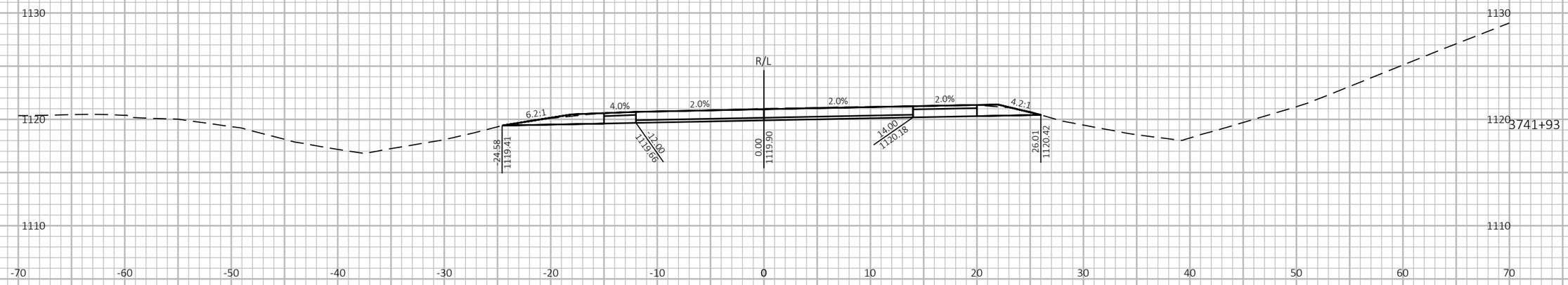
WISDOT/CADDS SHEET 49

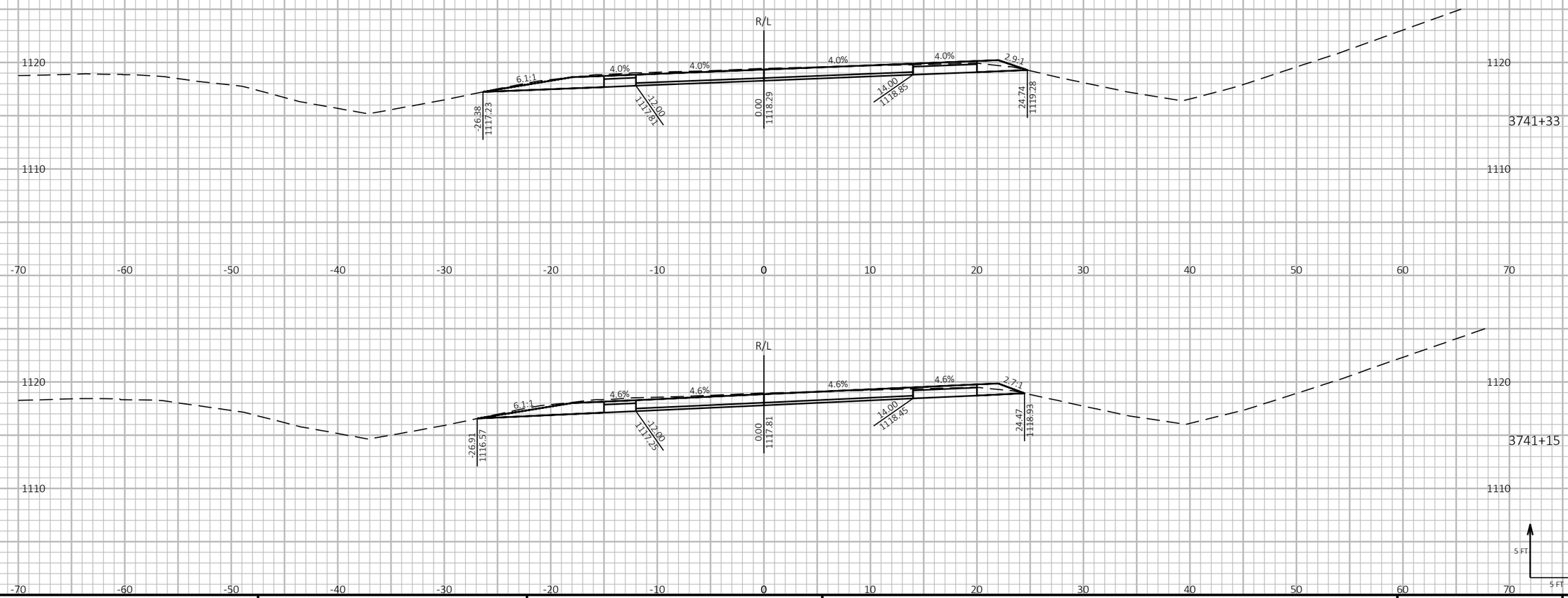
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 743	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 17

PLOT DATE : 10/4/2022 12:52 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

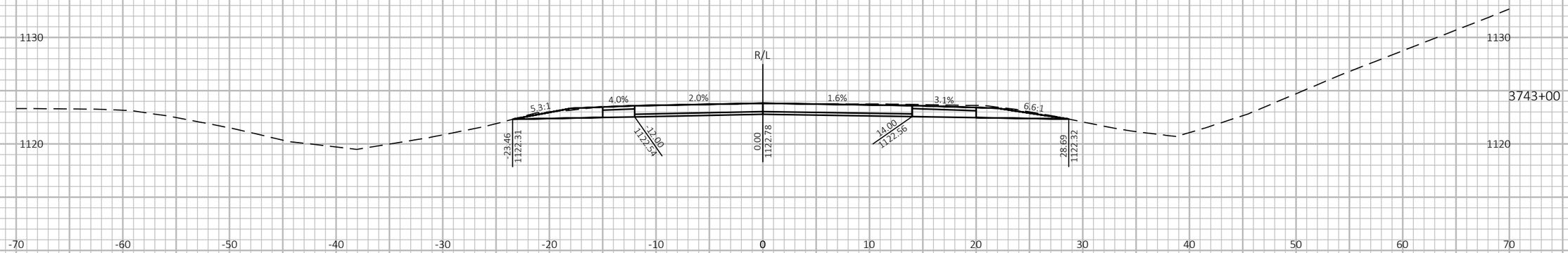
WISDOT/CADDS SHEET 49

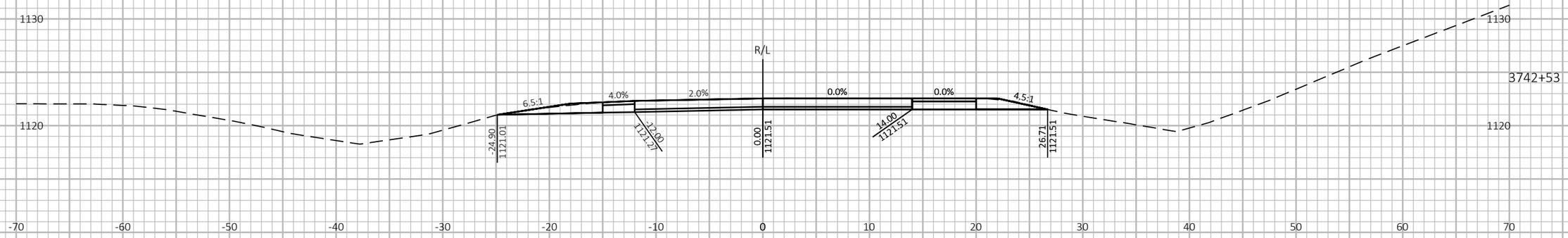
LEGEND

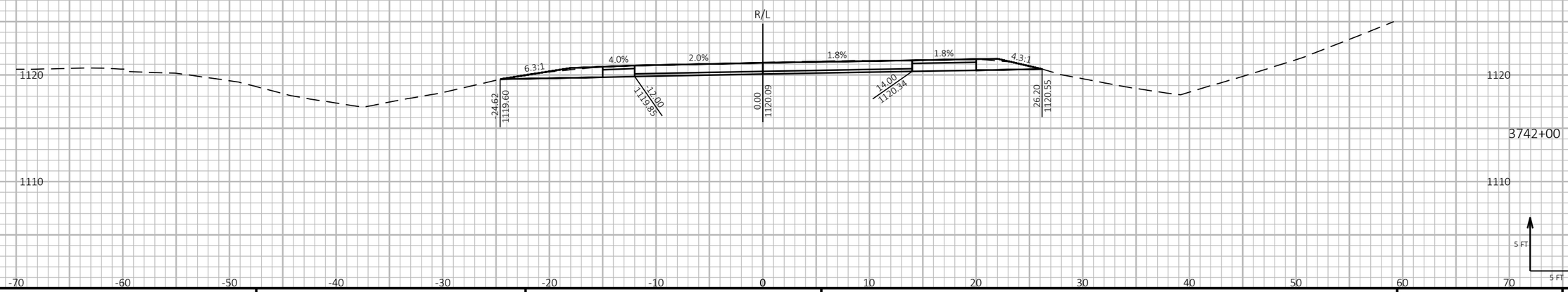
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 744	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 18

PLOT DATE : 10/4/2022 12:52 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

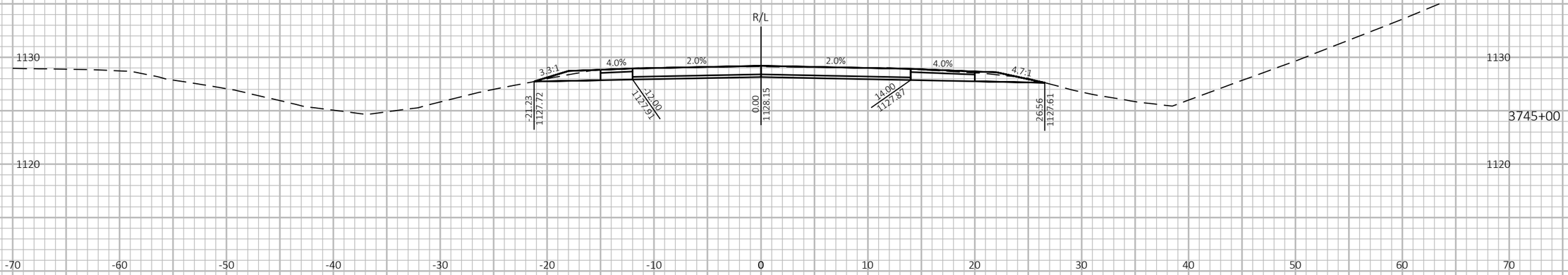
WISDOT/CADDS SHEET 49

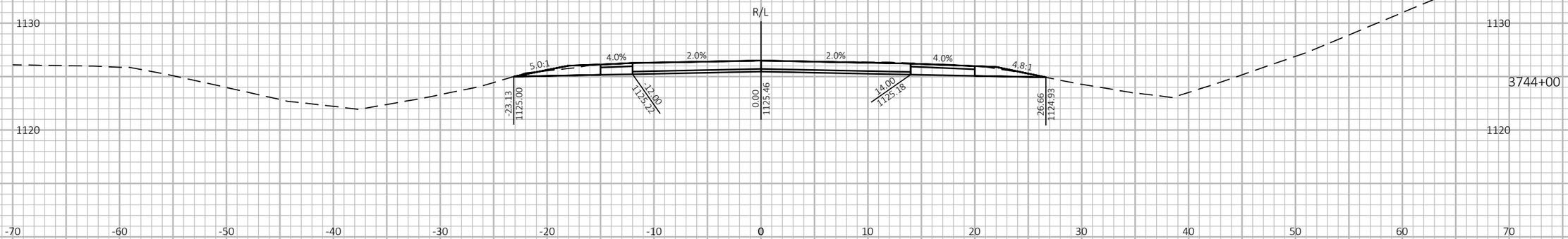
LEGEND

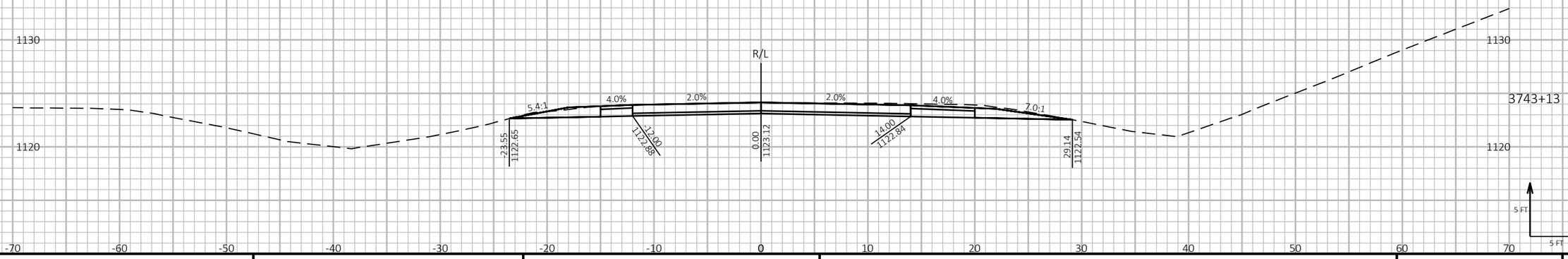
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 745	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 19

PLOT DATE : 10/4/2022 12:53 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

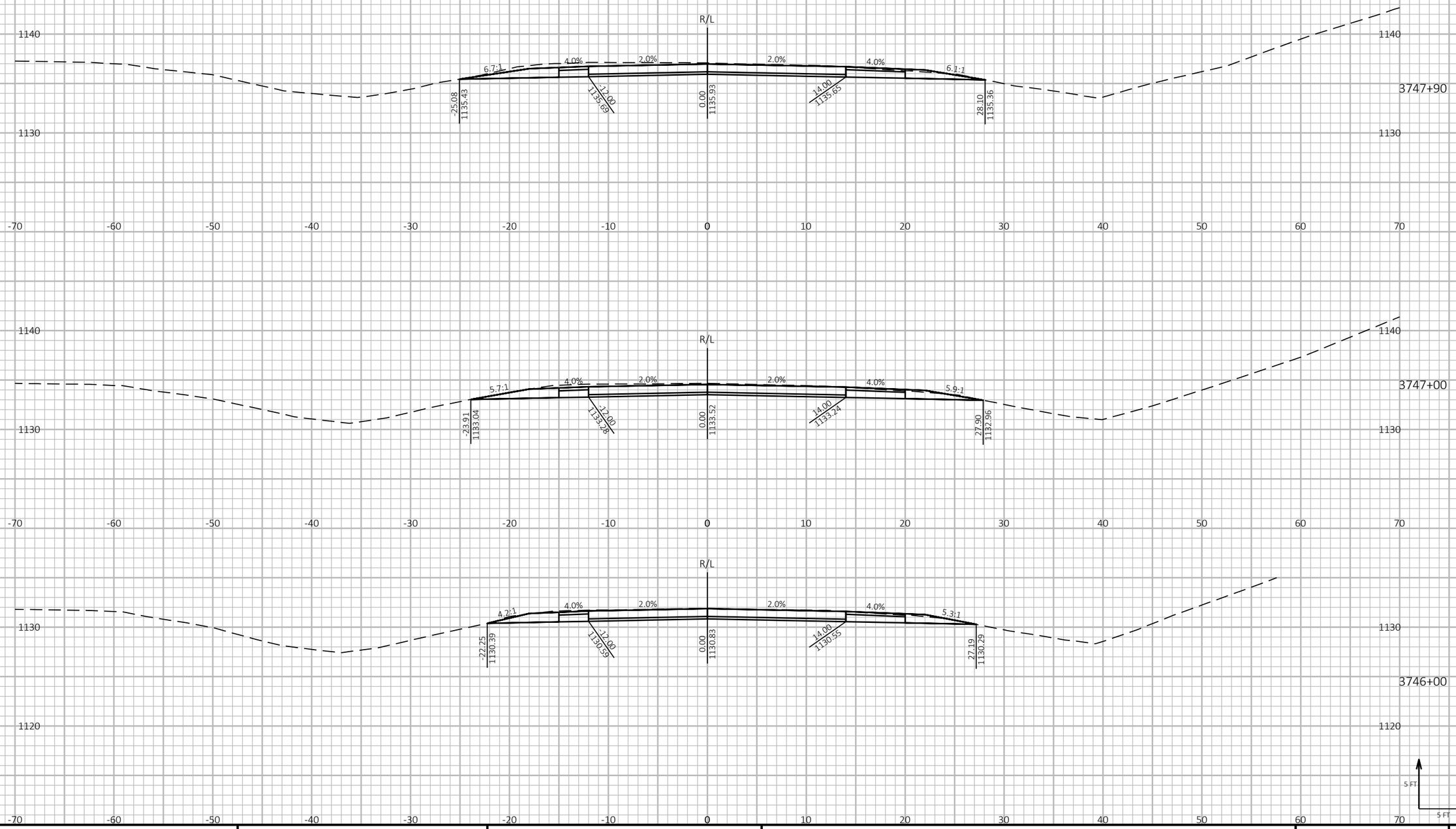
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 746	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 20

PLOT DATE : 10/4/2022 12:53 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 747	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 21

PLOT DATE : 10/4/2022 12:53 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 748	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 22

PLOT DATE : 10/4/2022 12:53 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

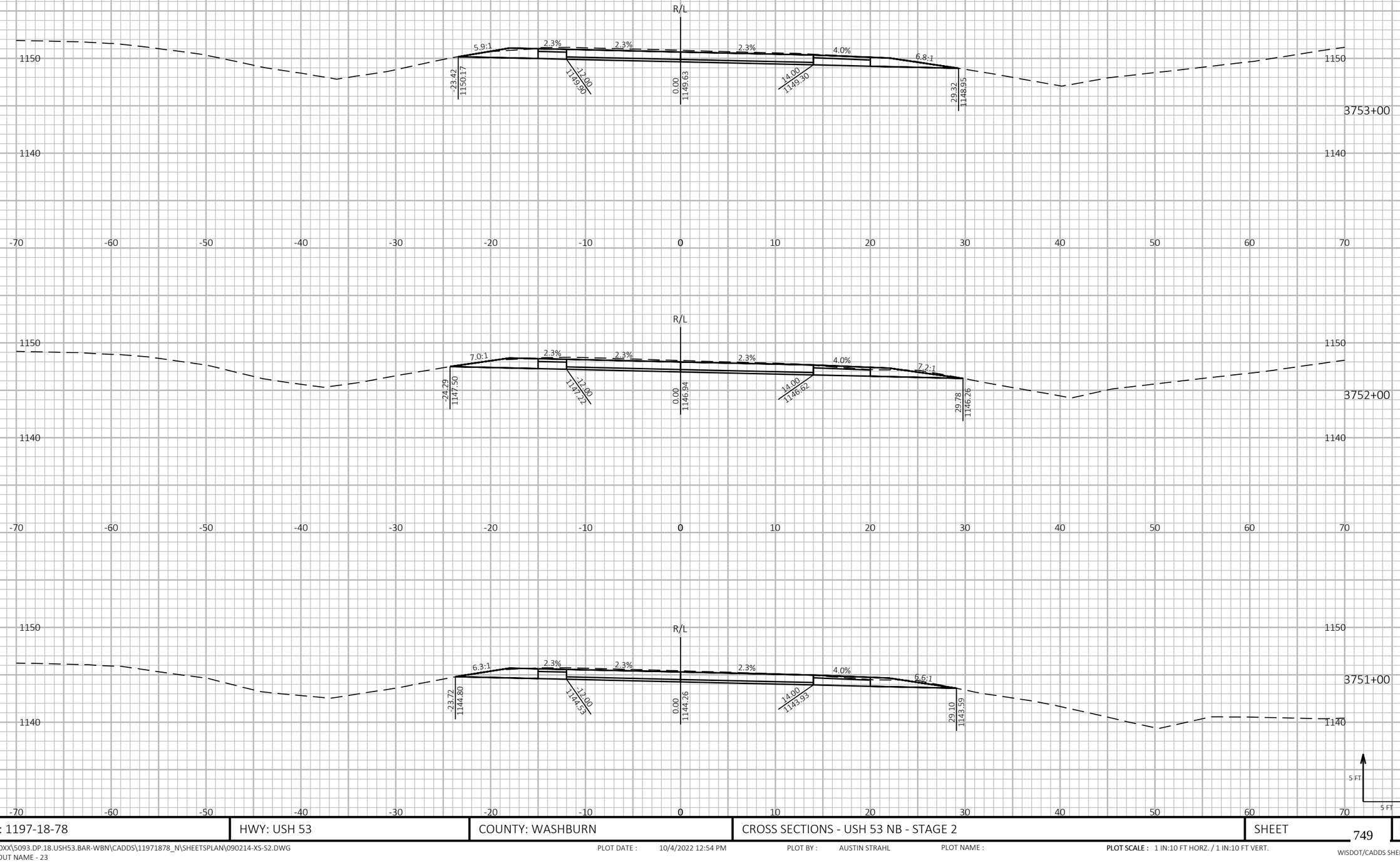
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 749	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 23

PLOT DATE : 10/4/2022 12:54 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 750	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 24

PLOT DATE : 10/4/2022 12:54 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

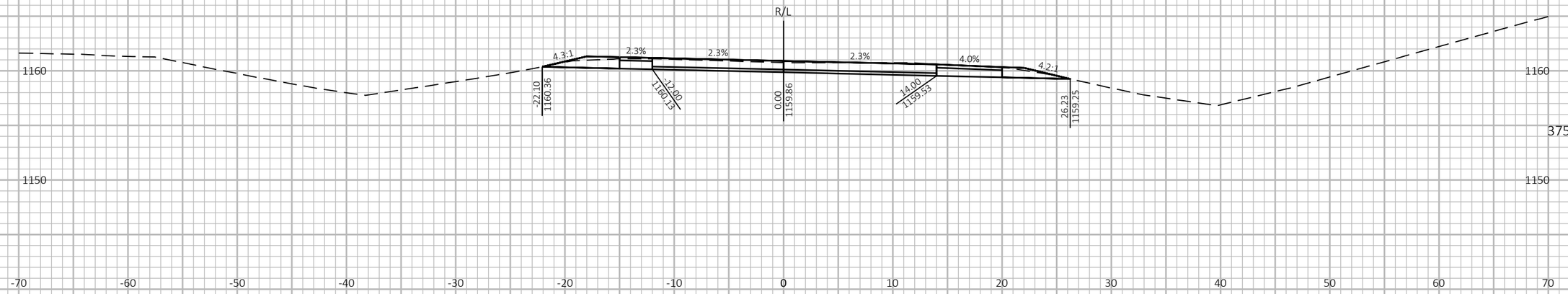
WISDOT/CADDS SHEET 49

LEGEND

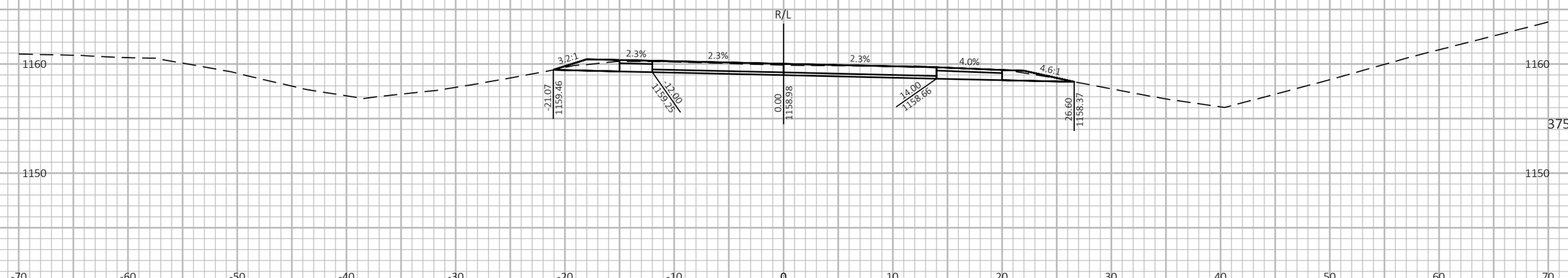
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

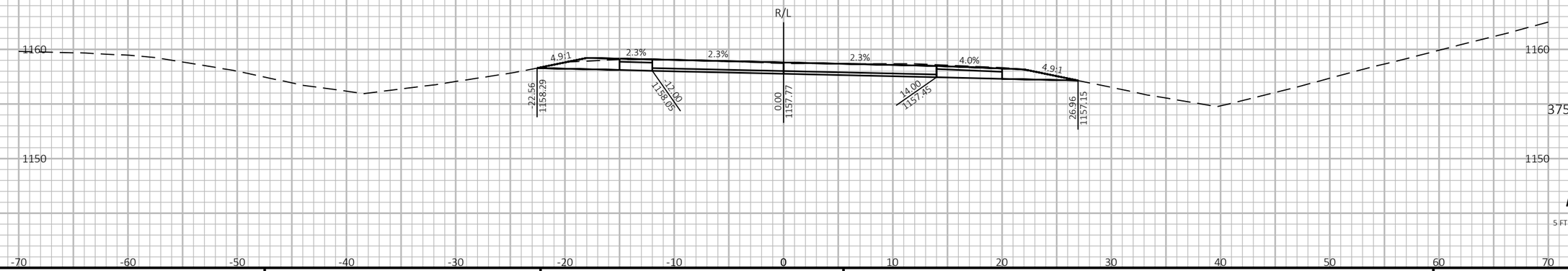
STAGE 2 CONSTRUCTION



3759+00



3758+00



3757+00

5 FT

5 FT

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 751	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 25

PLOT DATE : 10/4/2022 12:54 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

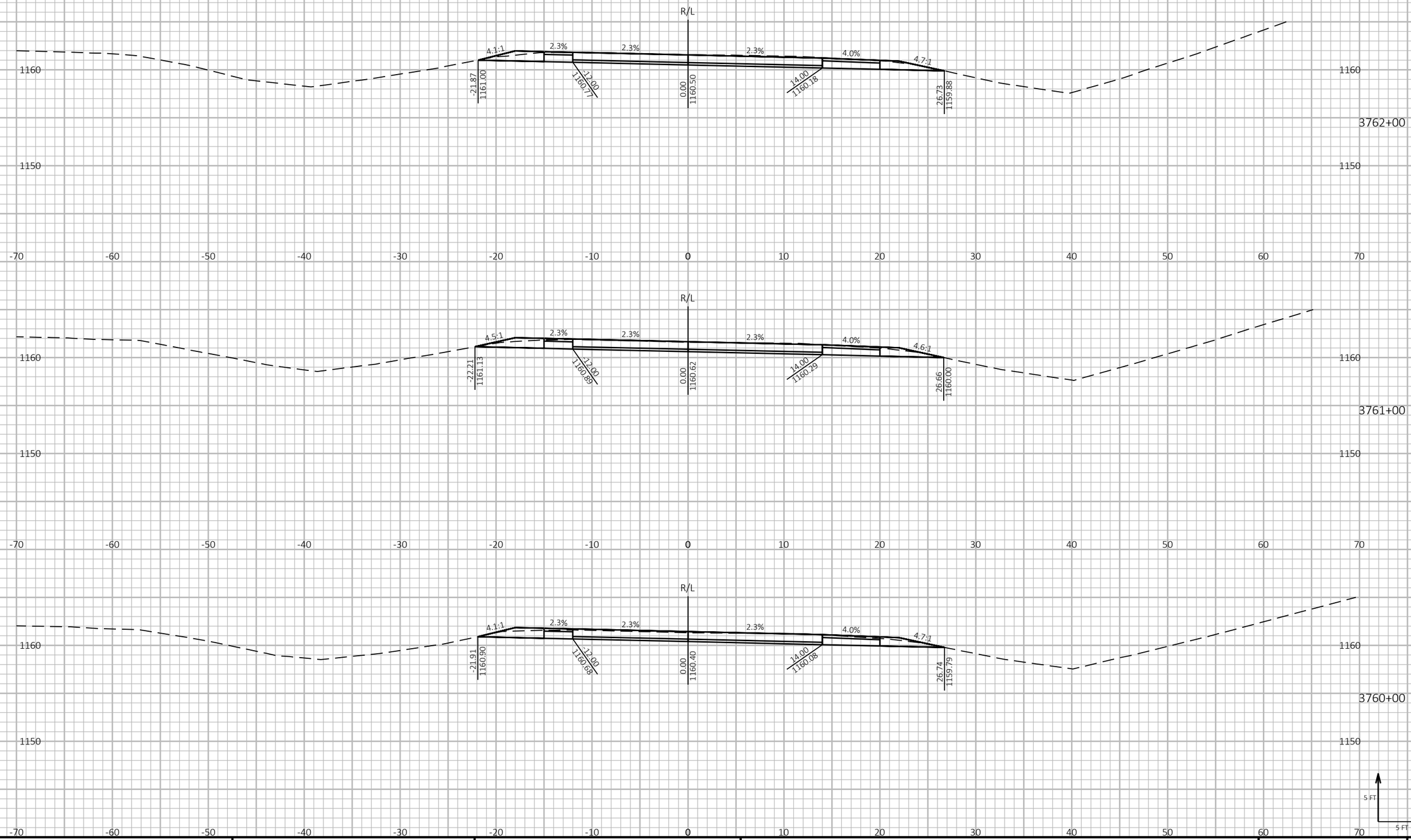
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 752	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 26

PLOT DATE : 10/4/2022 12:55 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

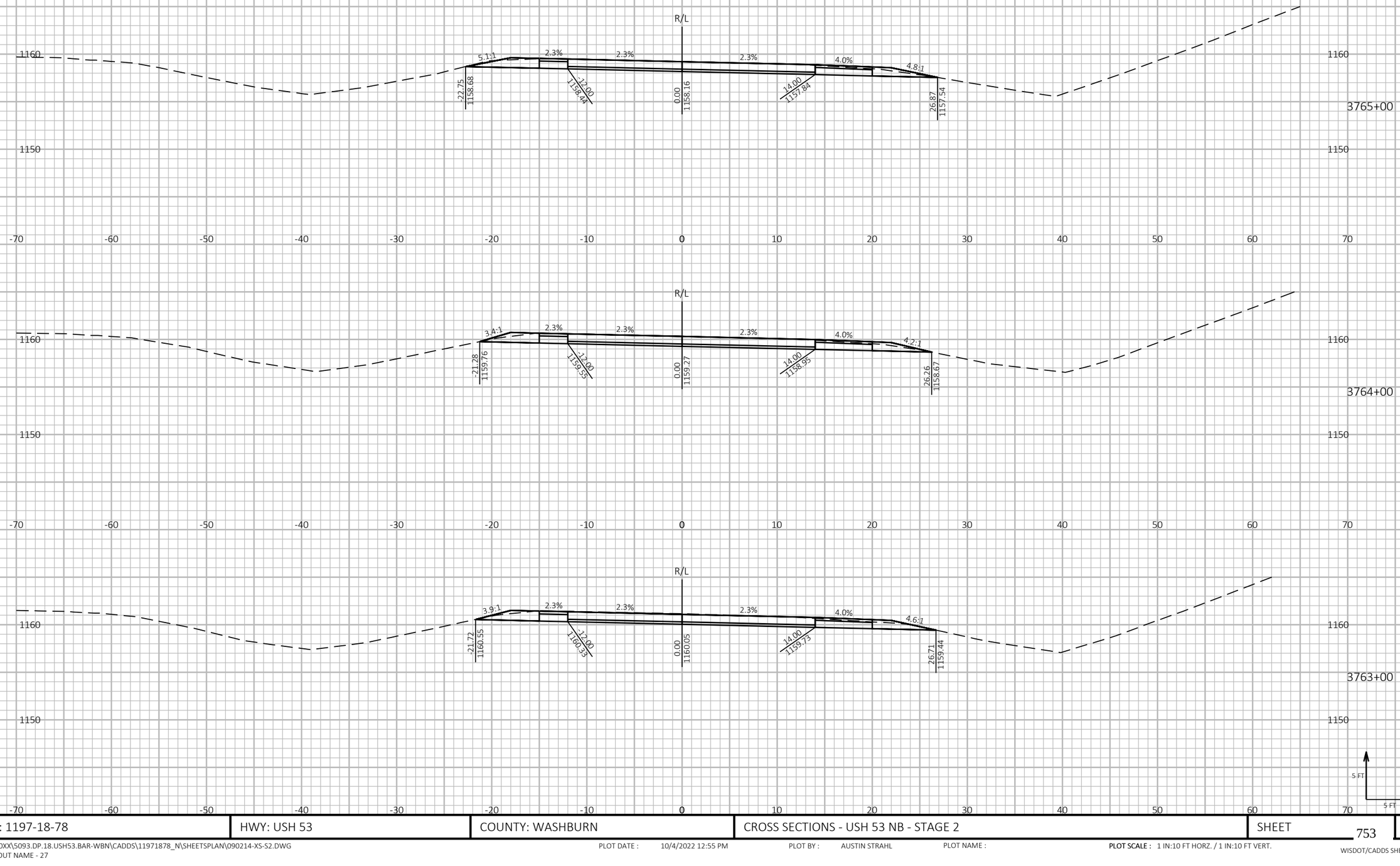
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 753	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 27

PLOT DATE : 10/4/2022 12:55 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

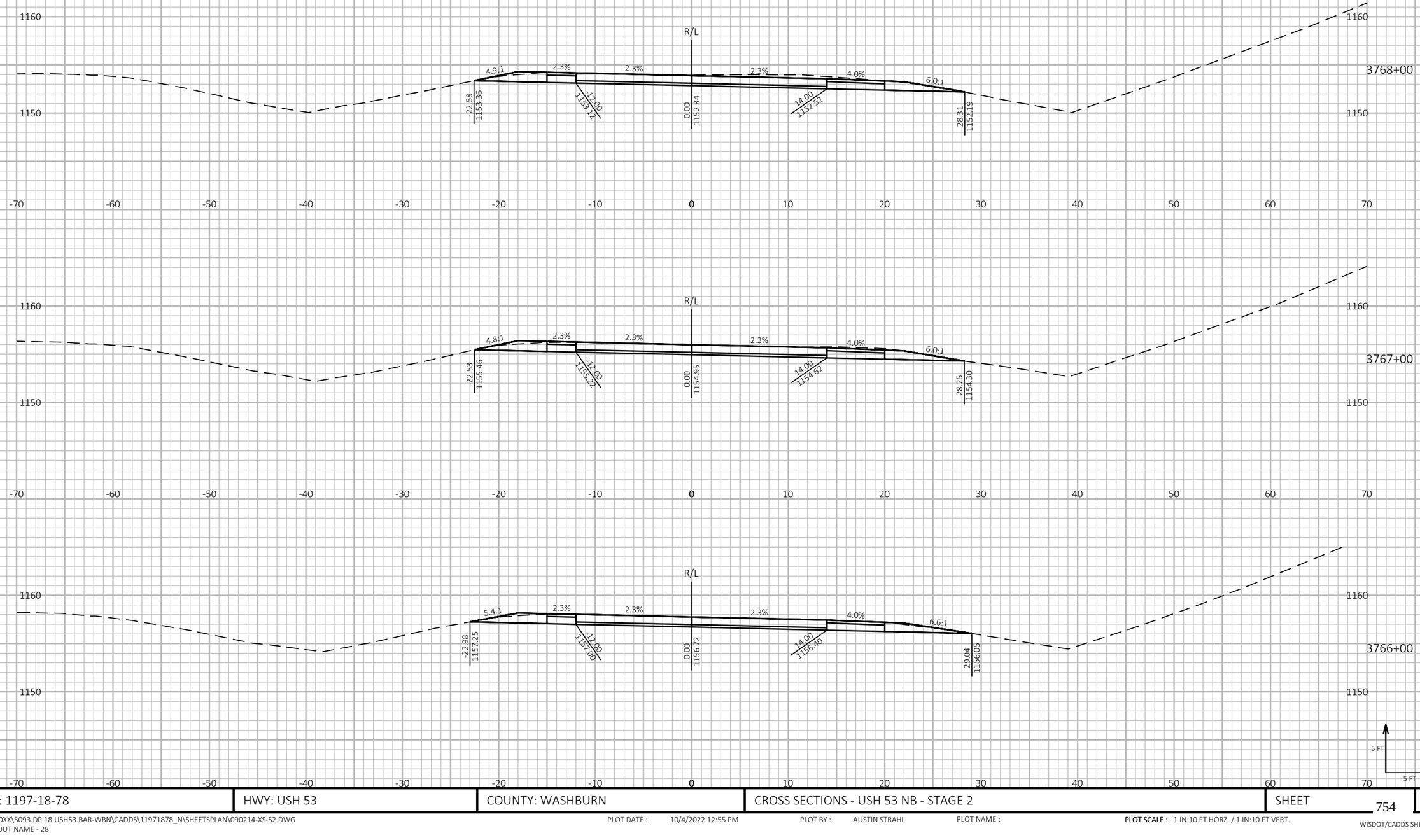
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 754	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 28

PLOT DATE : 10/4/2022 12:55 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

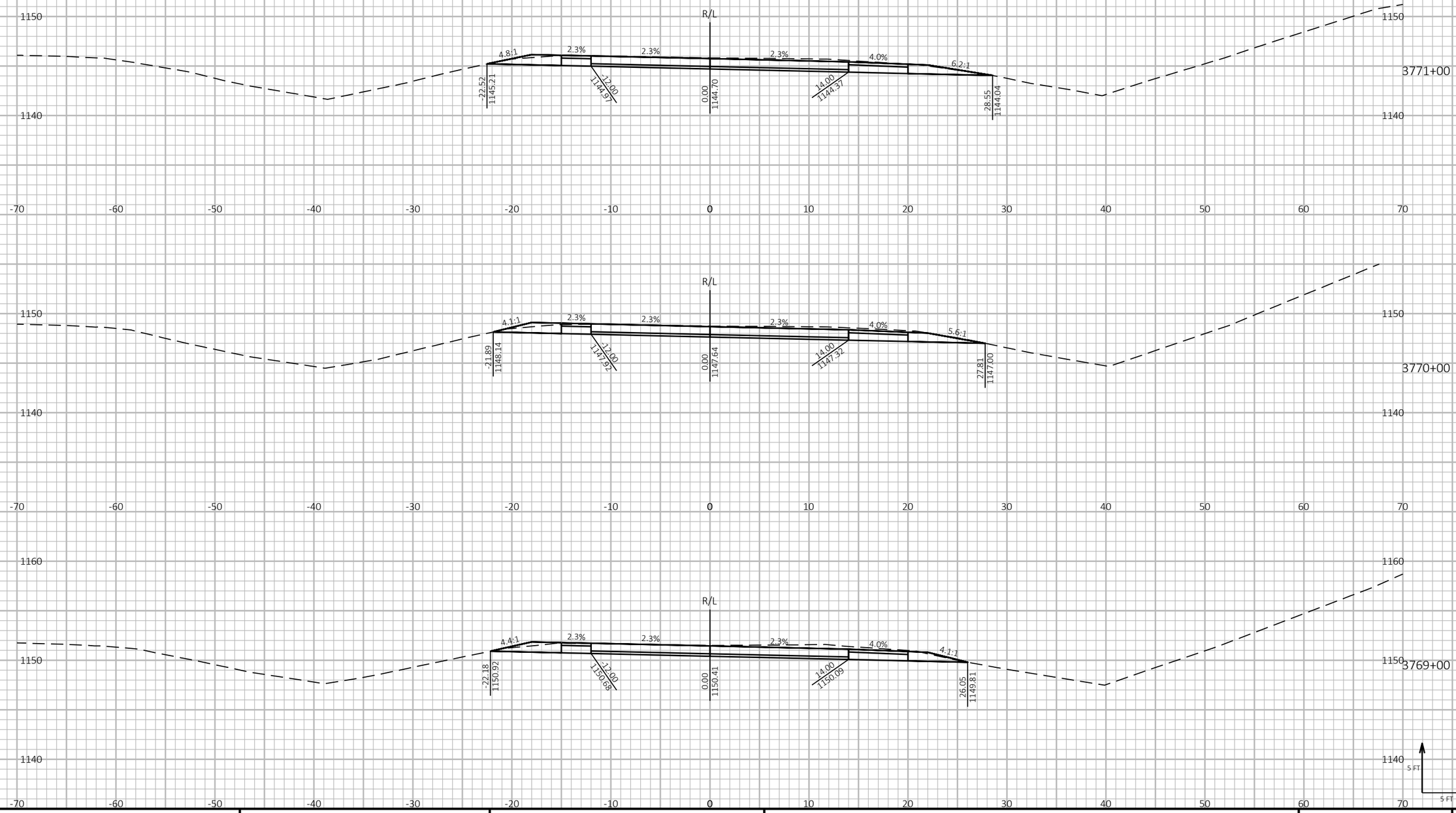
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 755	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 29

PLOT DATE : 10/4/2022 12:55 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

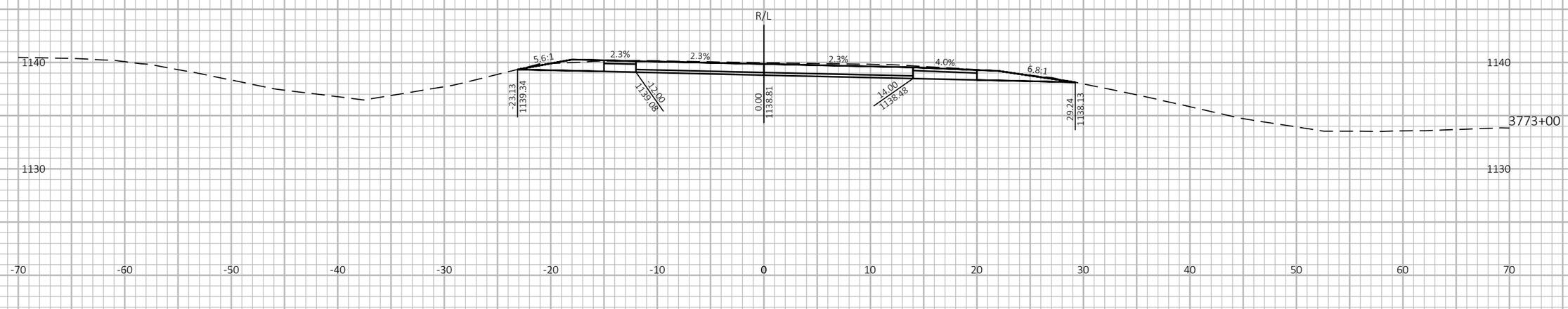
LEGEND

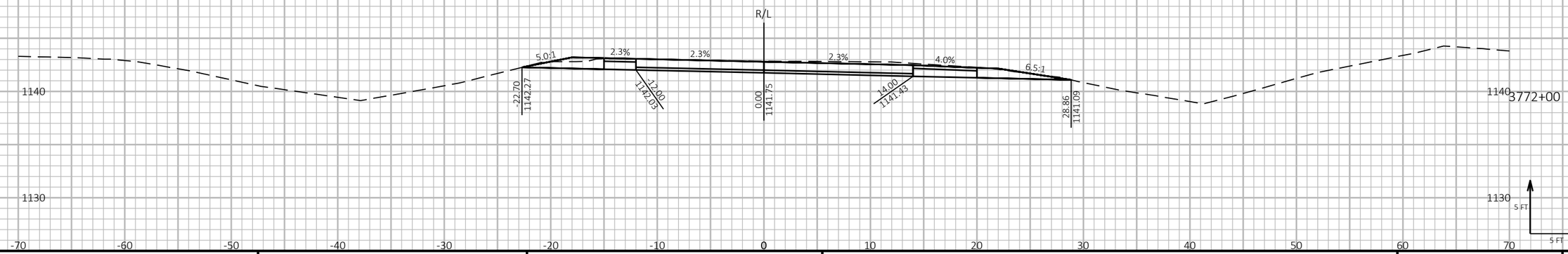
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 756	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 30

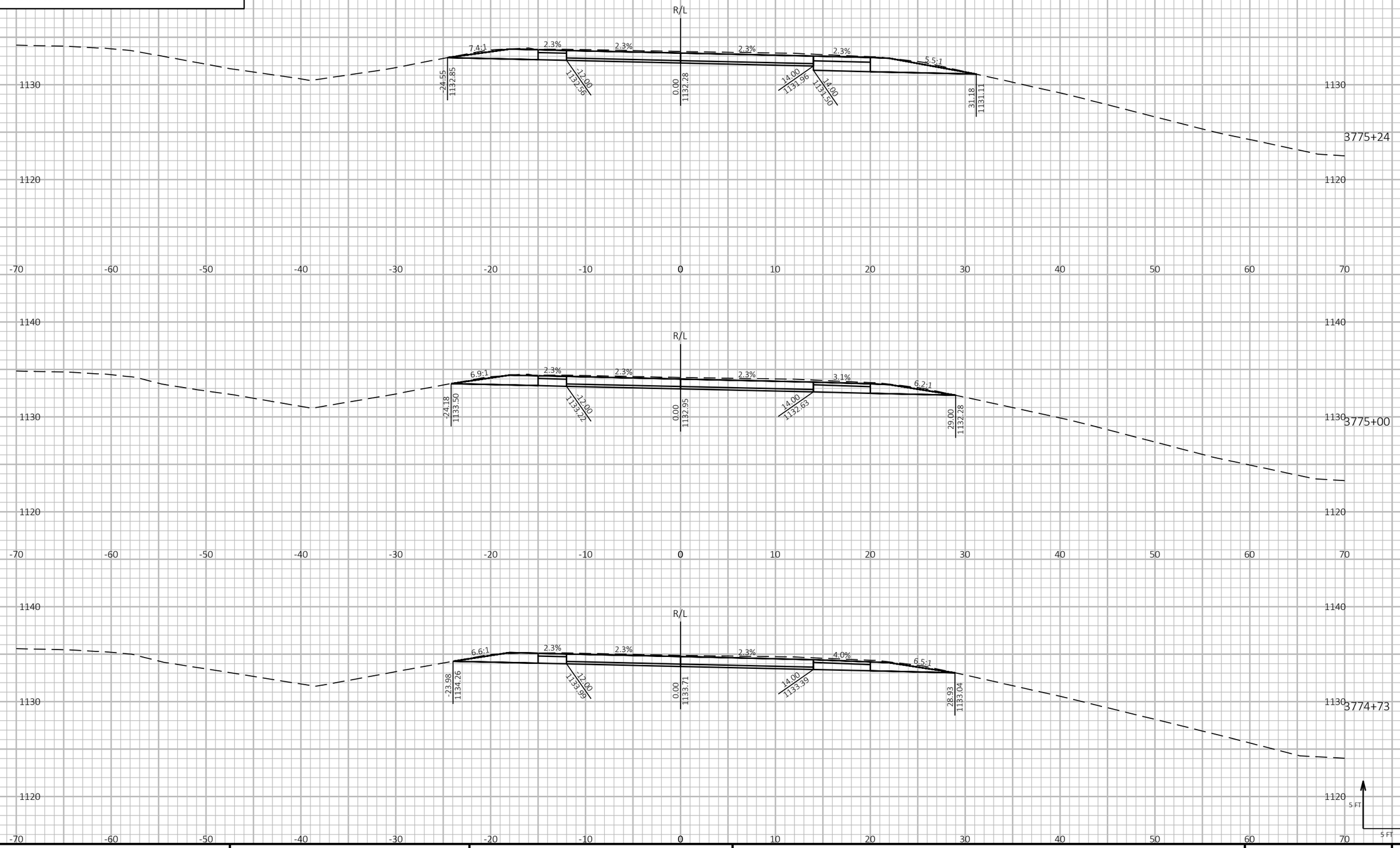
PLOT DATE : 10/4/2022 12:56 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 757	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 31

PLOT DATE : 10/4/2022 12:56 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

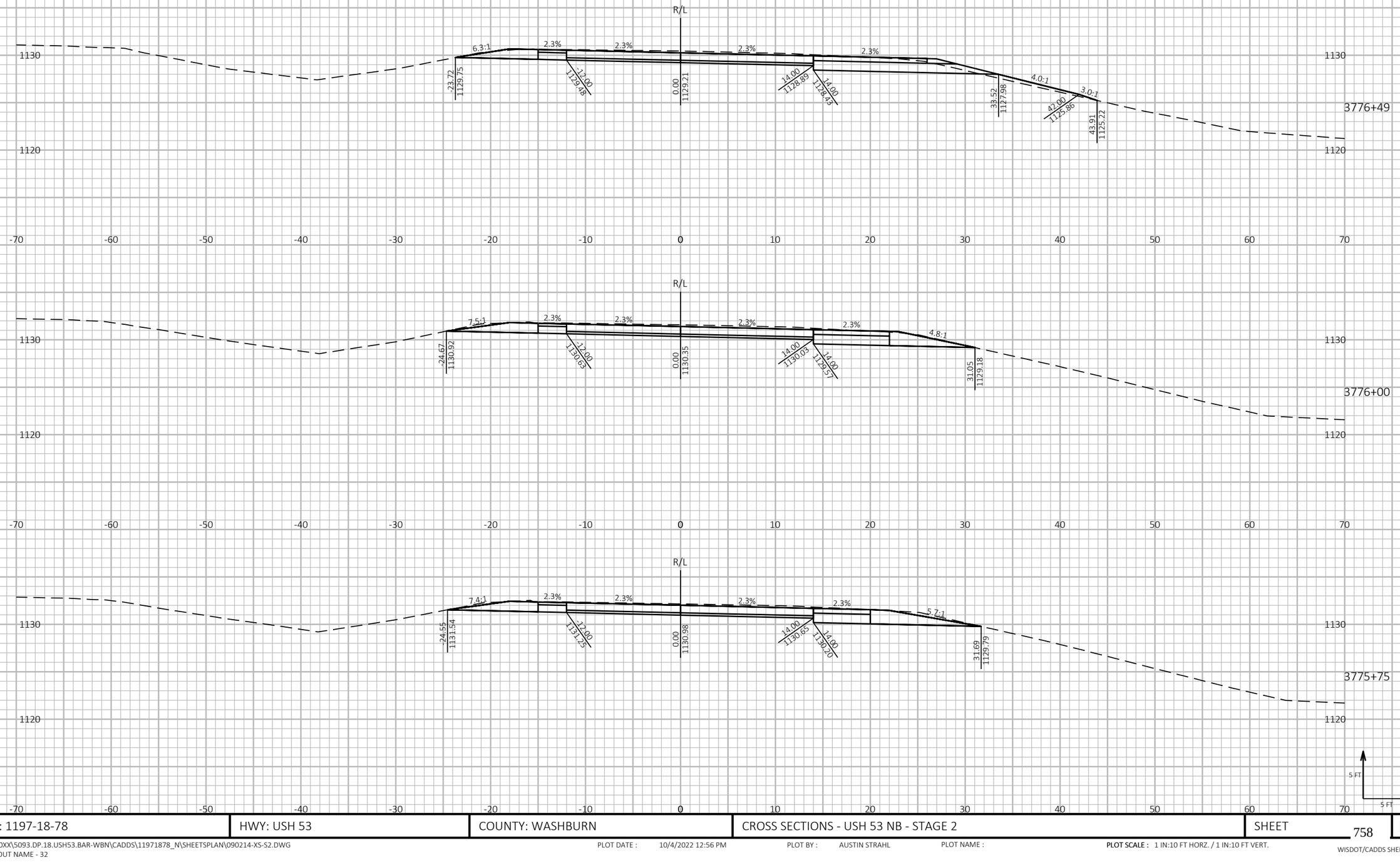
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 758	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 32

PLOT DATE : 10/4/2022 12:56 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

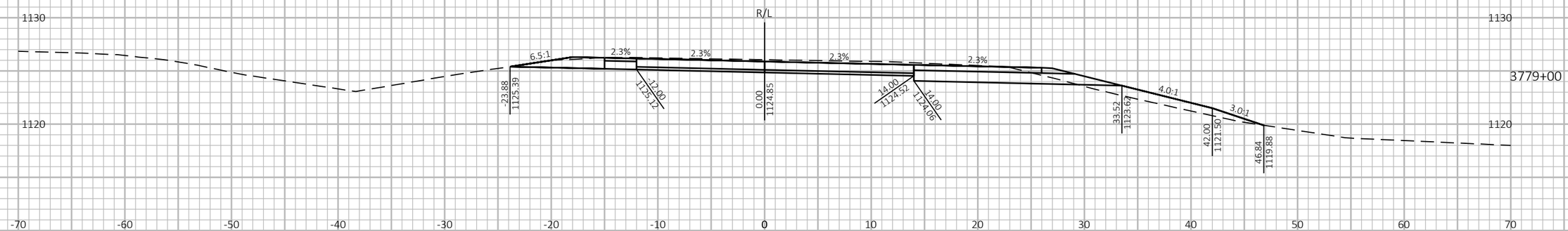
WISDOT/CADDS SHEET 49

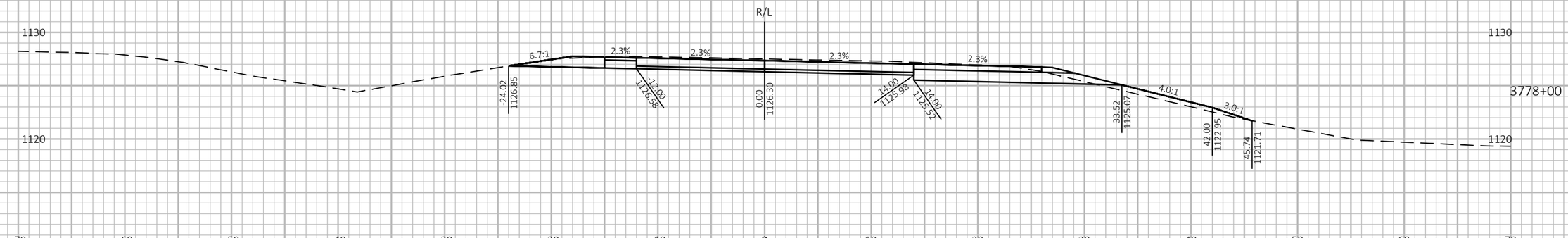
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 759	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 33

PLOT DATE : 10/4/2022 12:57 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

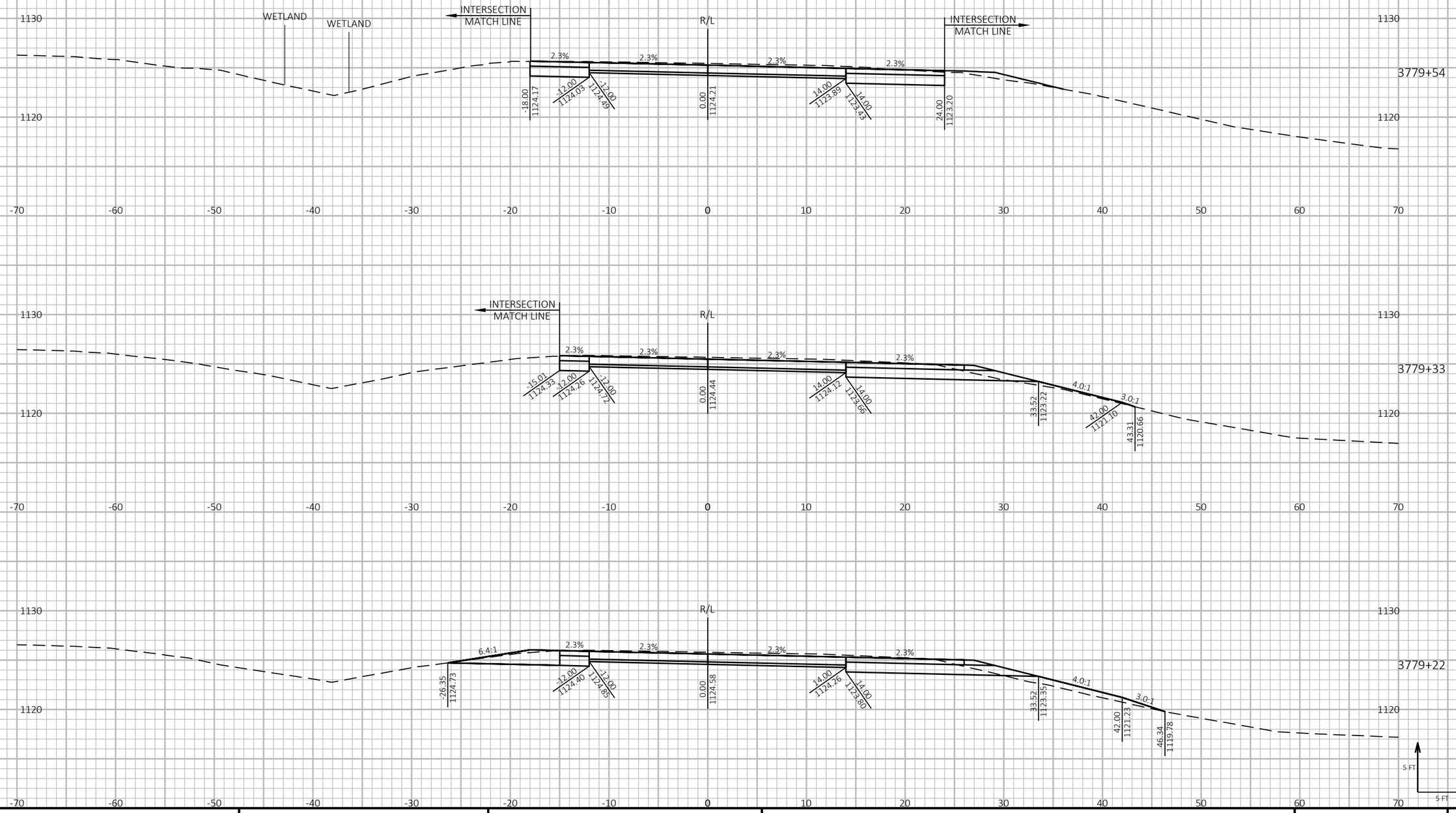
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 760	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 34

PLOT DATE : 10/4/2022 12:57 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

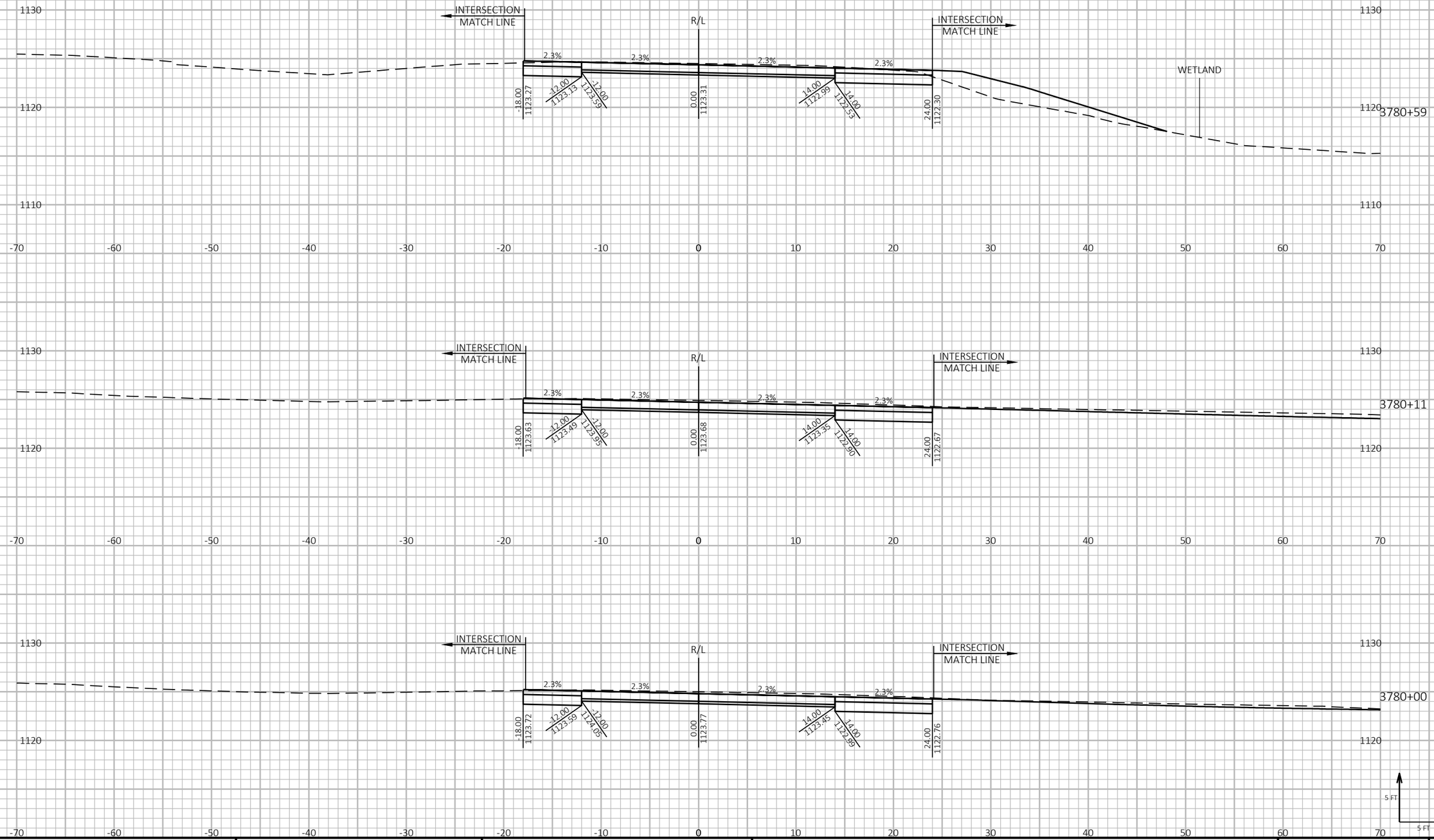
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 761	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 35

PLOT DATE : 10/4/2022 12:57 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

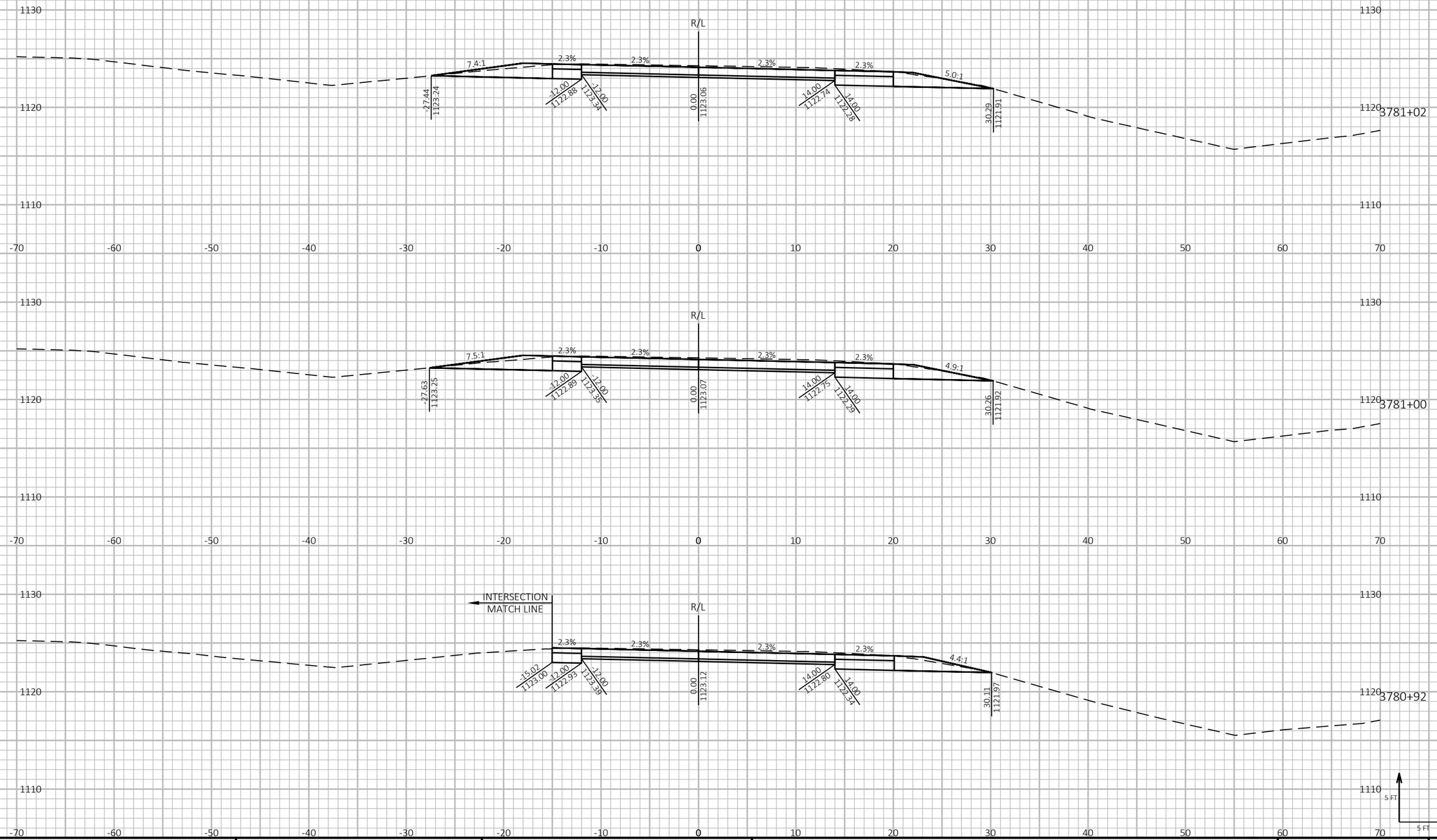
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 762	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 36

PLOT DATE : 10/4/2022 12:57 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

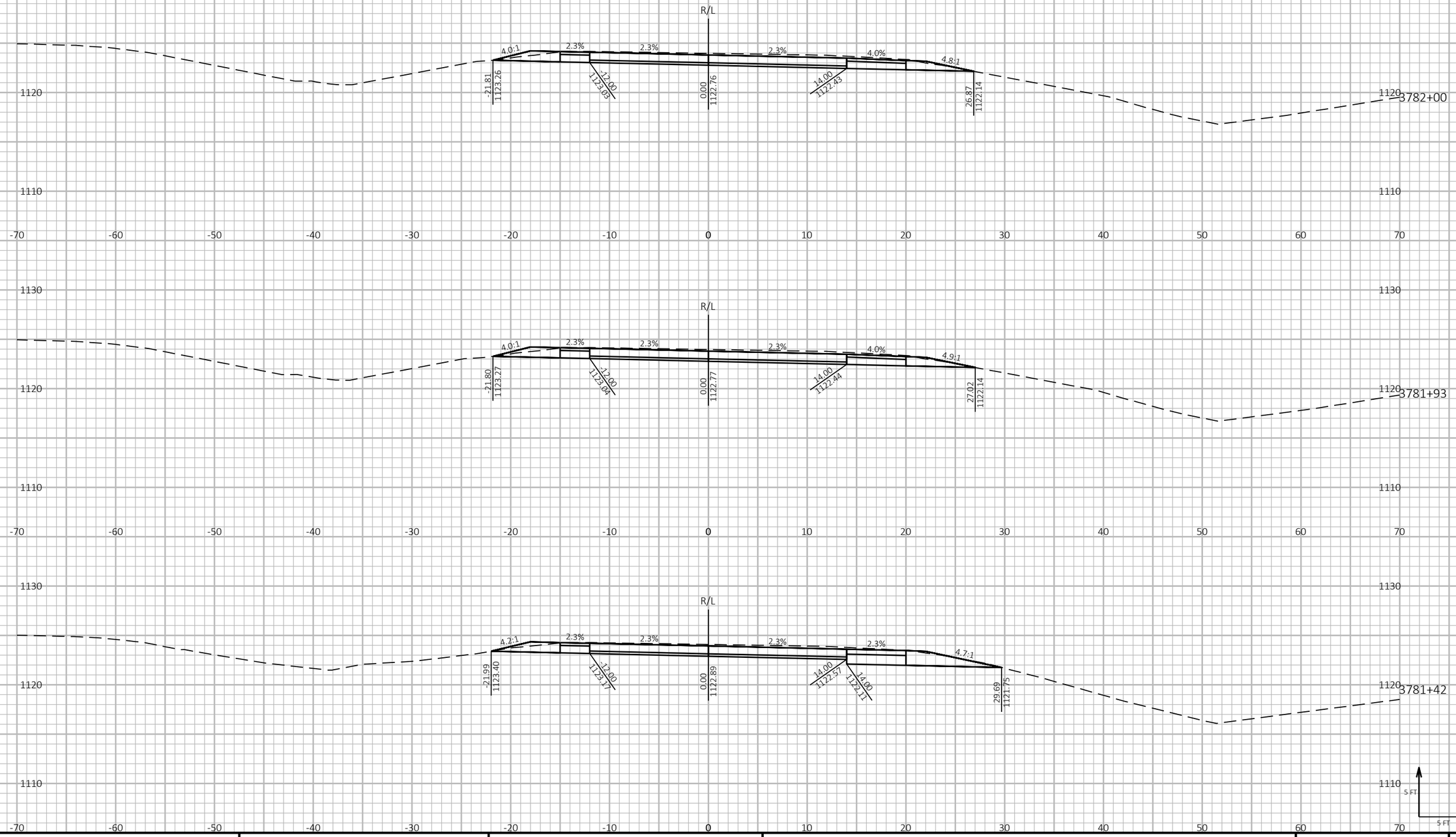
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 763	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 37

PLOT DATE : 10/4/2022 12:58 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

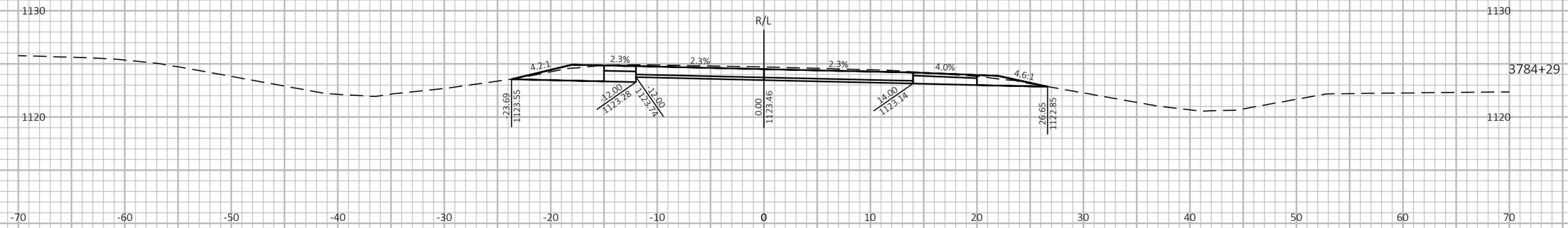
WISDOT/CADDS SHEET 49

LEGEND

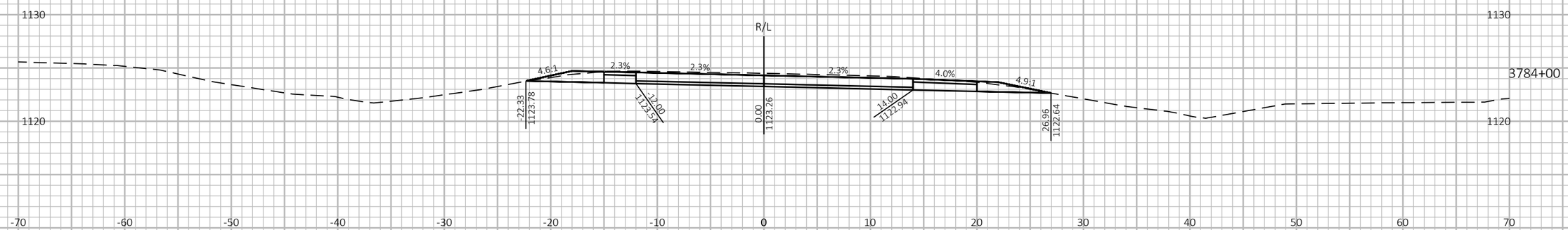
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

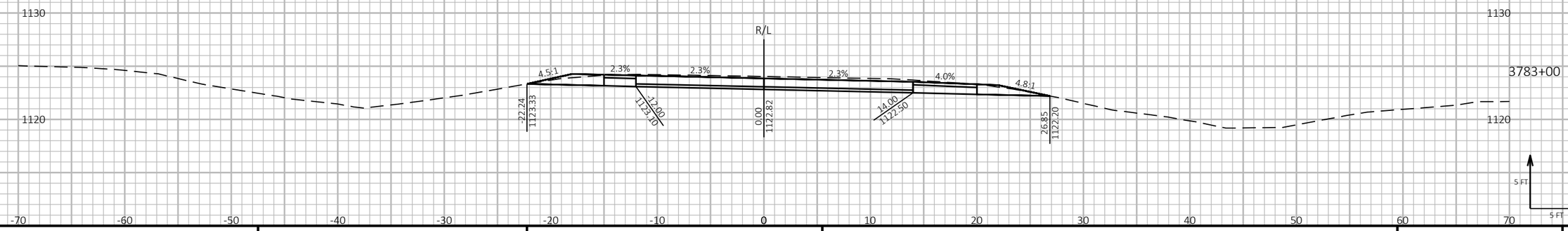
STAGE 2 CONSTRUCTION



3784+29



3784+00



3783+00

5 FT

5 FT

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 764	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 38

PLOT DATE : 10/4/2022 12:58 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

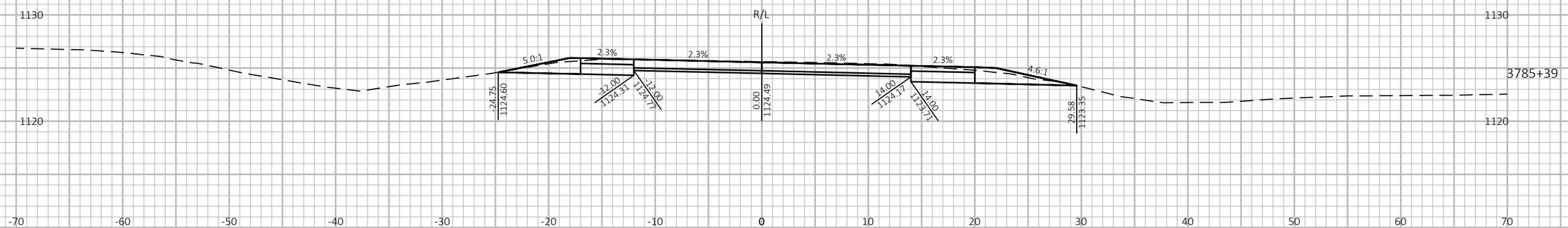
WISDOT/CADDS SHEET 49

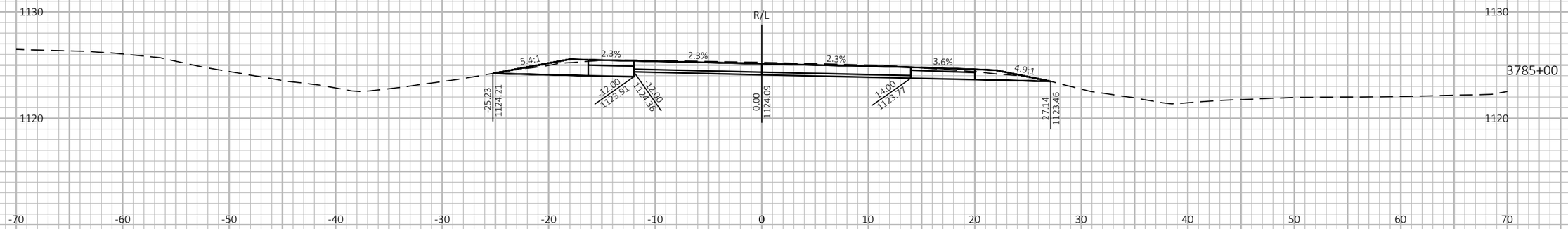
LEGEND

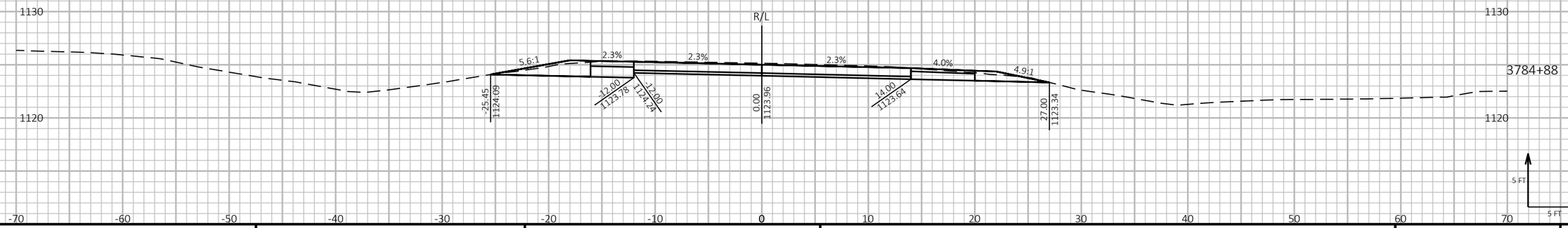
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 765	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 39

PLOT DATE : 10/4/2022 12:58 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

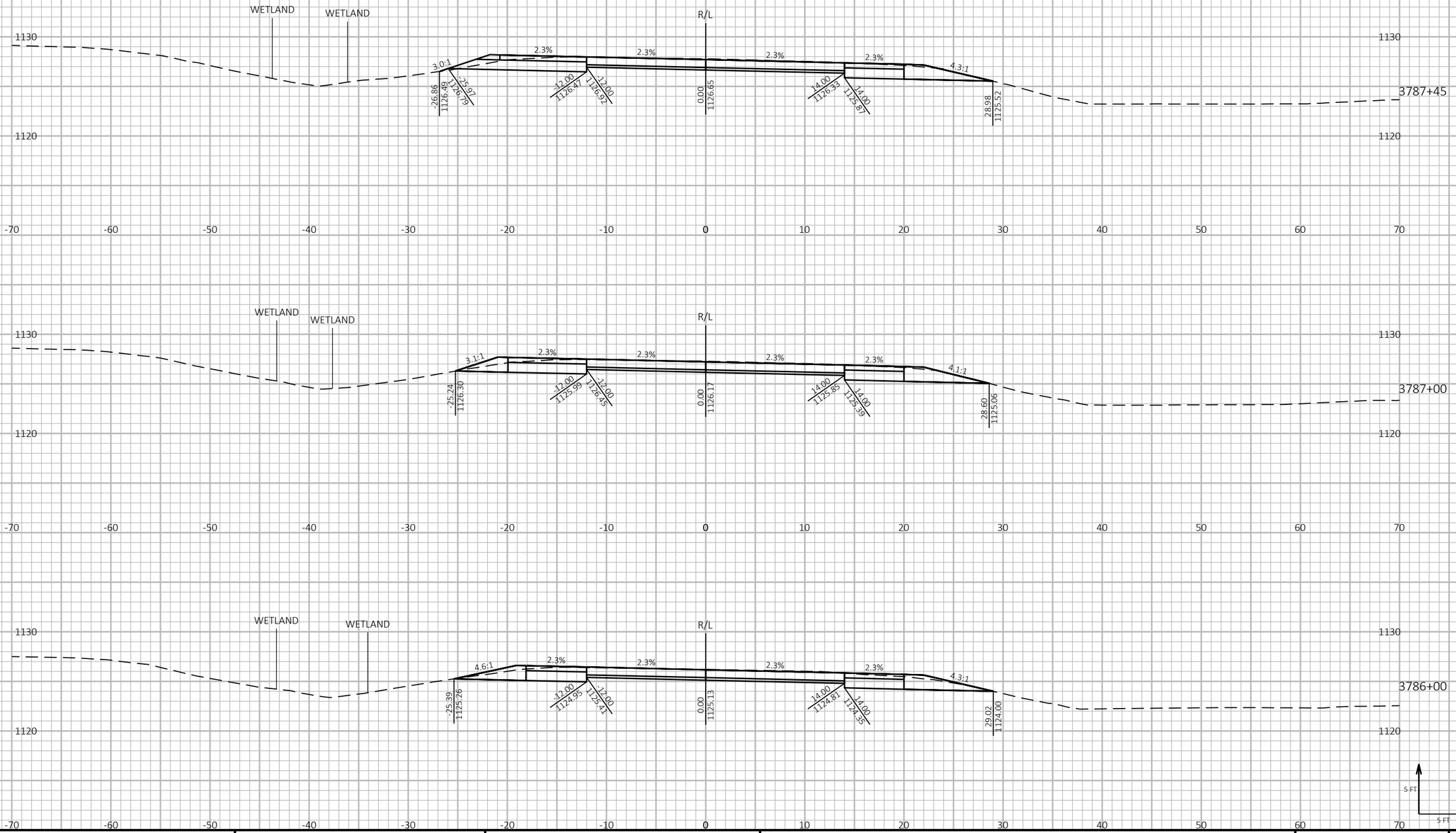
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 766	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 40

PLOT DATE : 10/4/2022 12:59 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

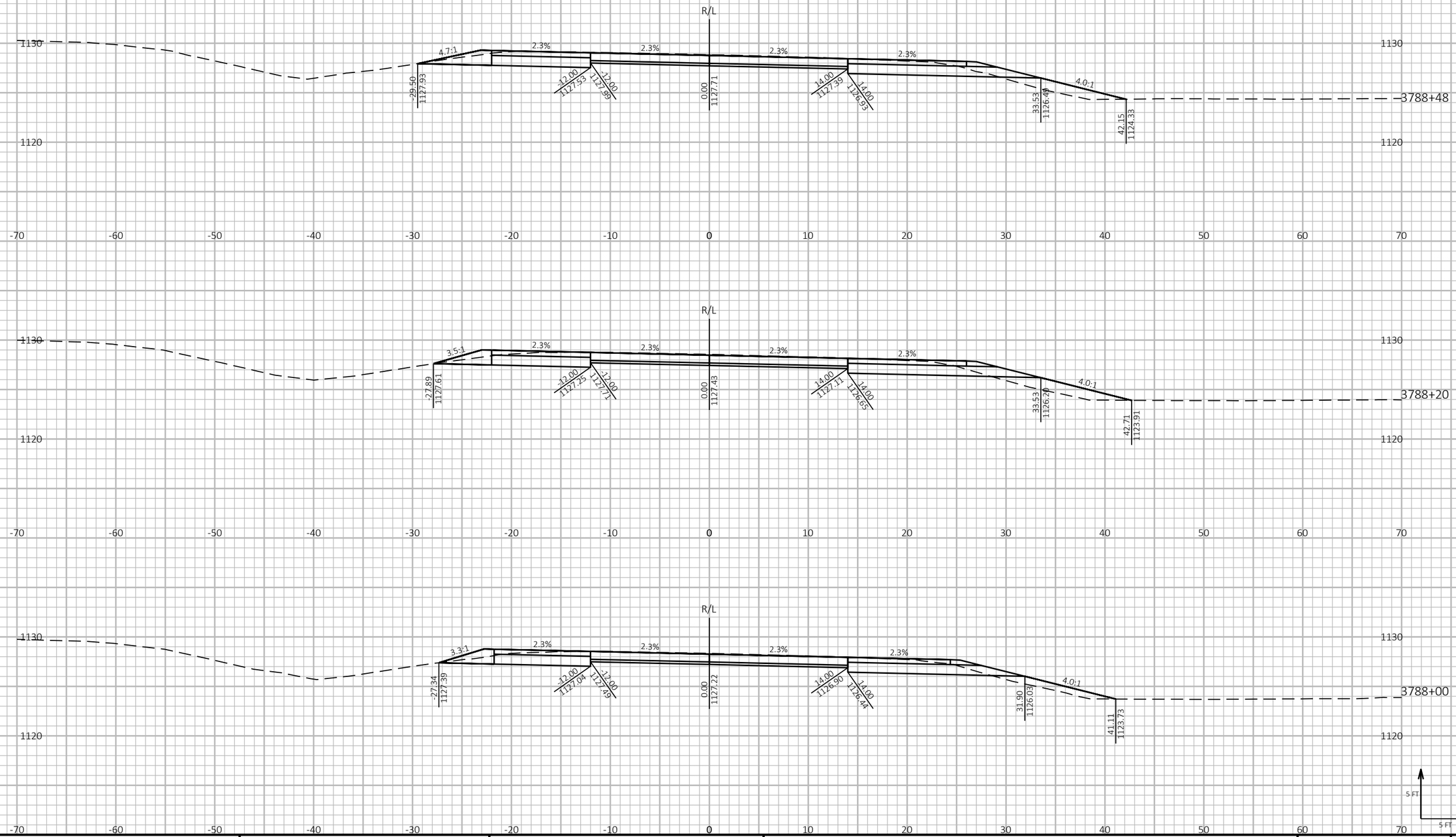
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 767	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 41

PLOT DATE : 10/4/2022 12:59 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

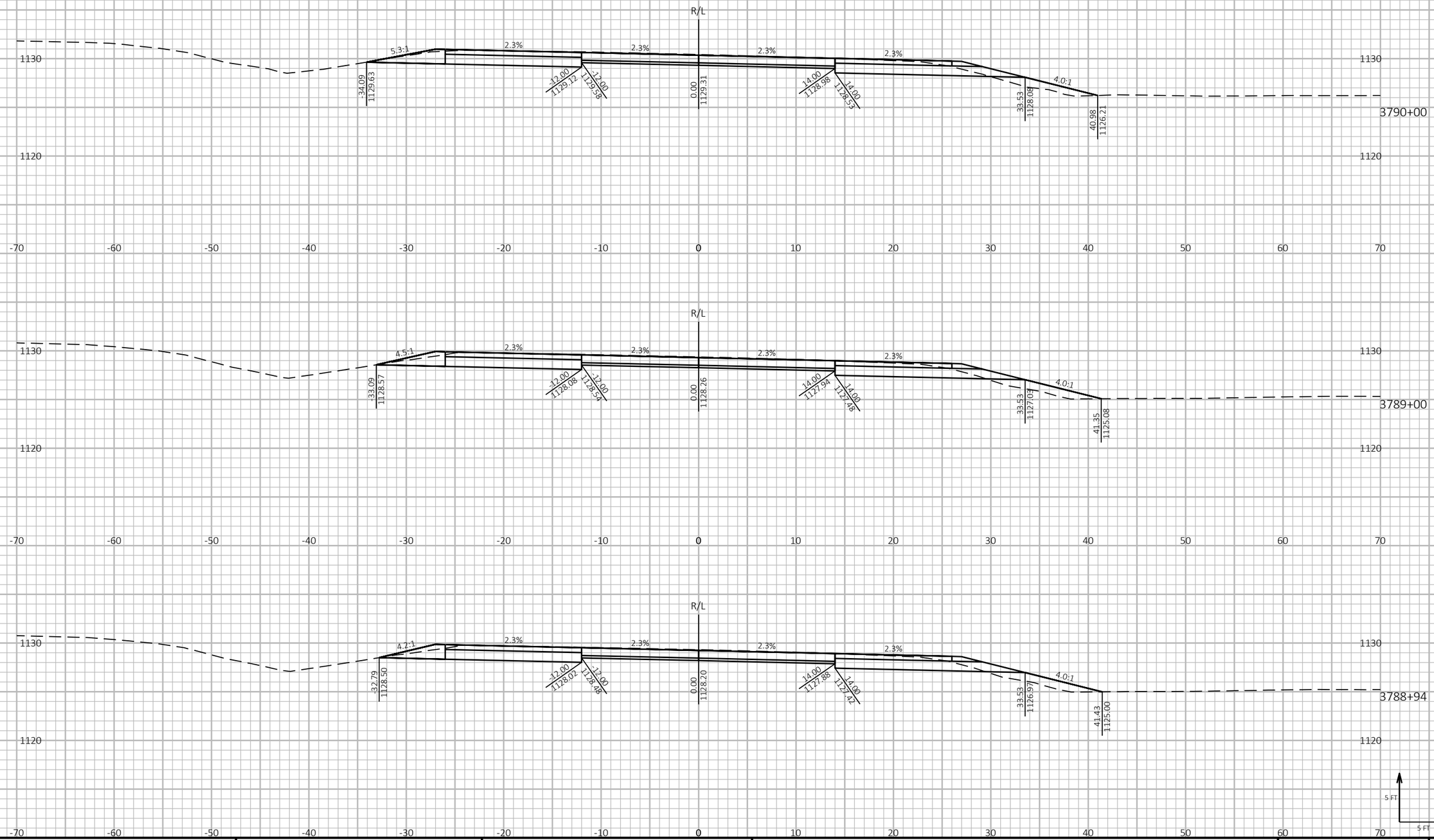
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 768 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 42

PLOT DATE : 10/4/2022 12:59 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

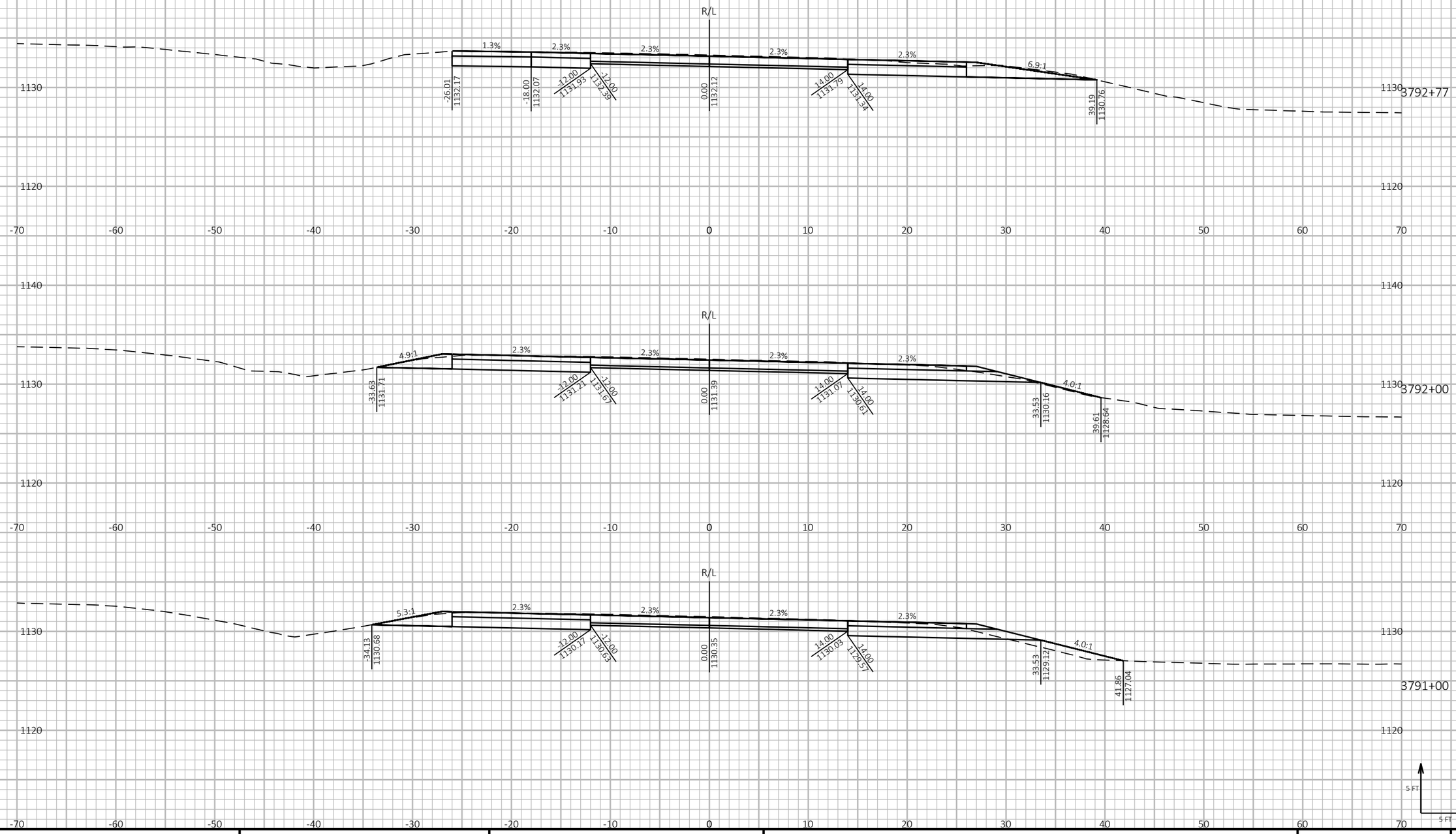
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 769	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 43

PLOT DATE : 10/4/2022 1:00 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

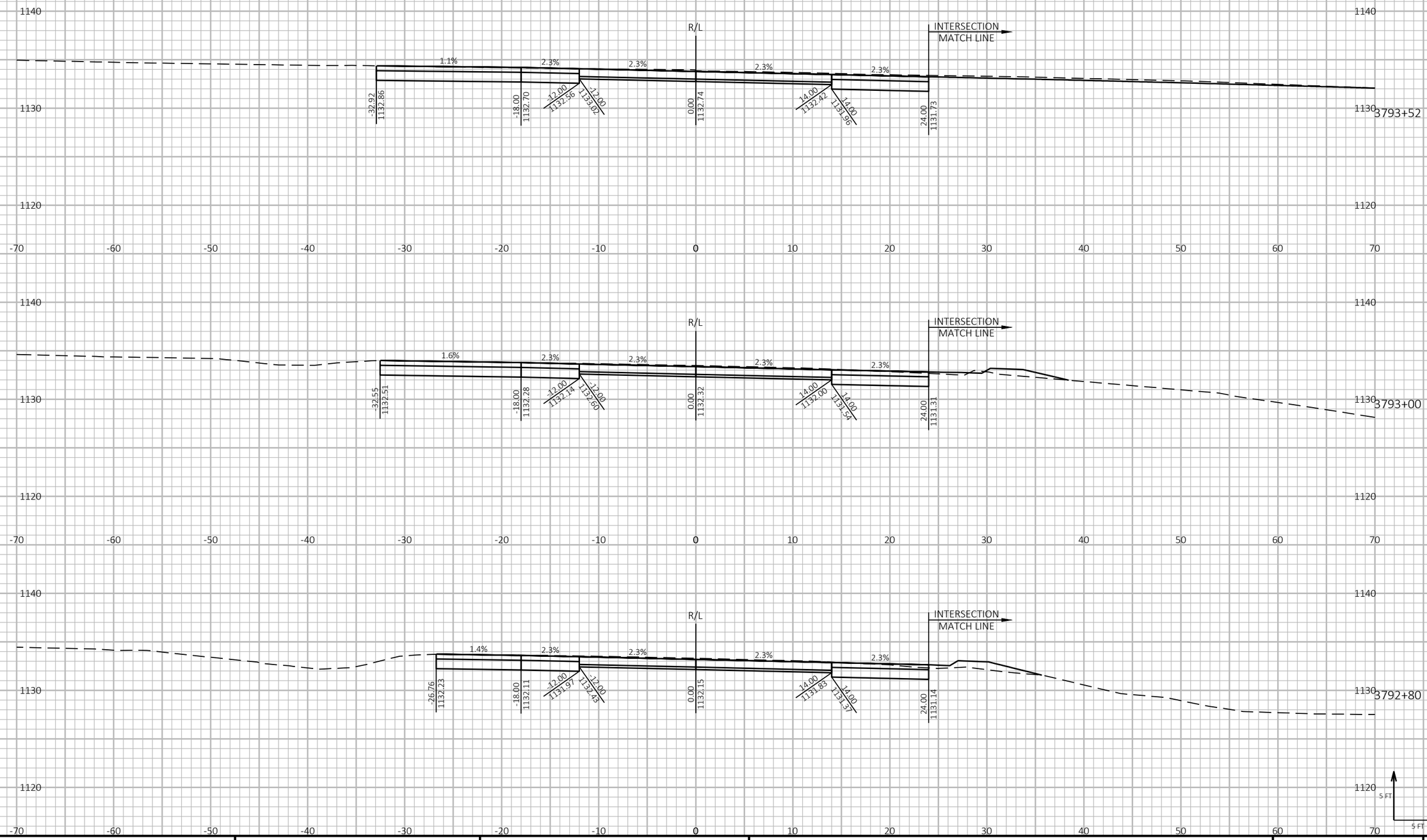
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 770	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 44

PLOT DATE : 10/4/2022 1:00 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

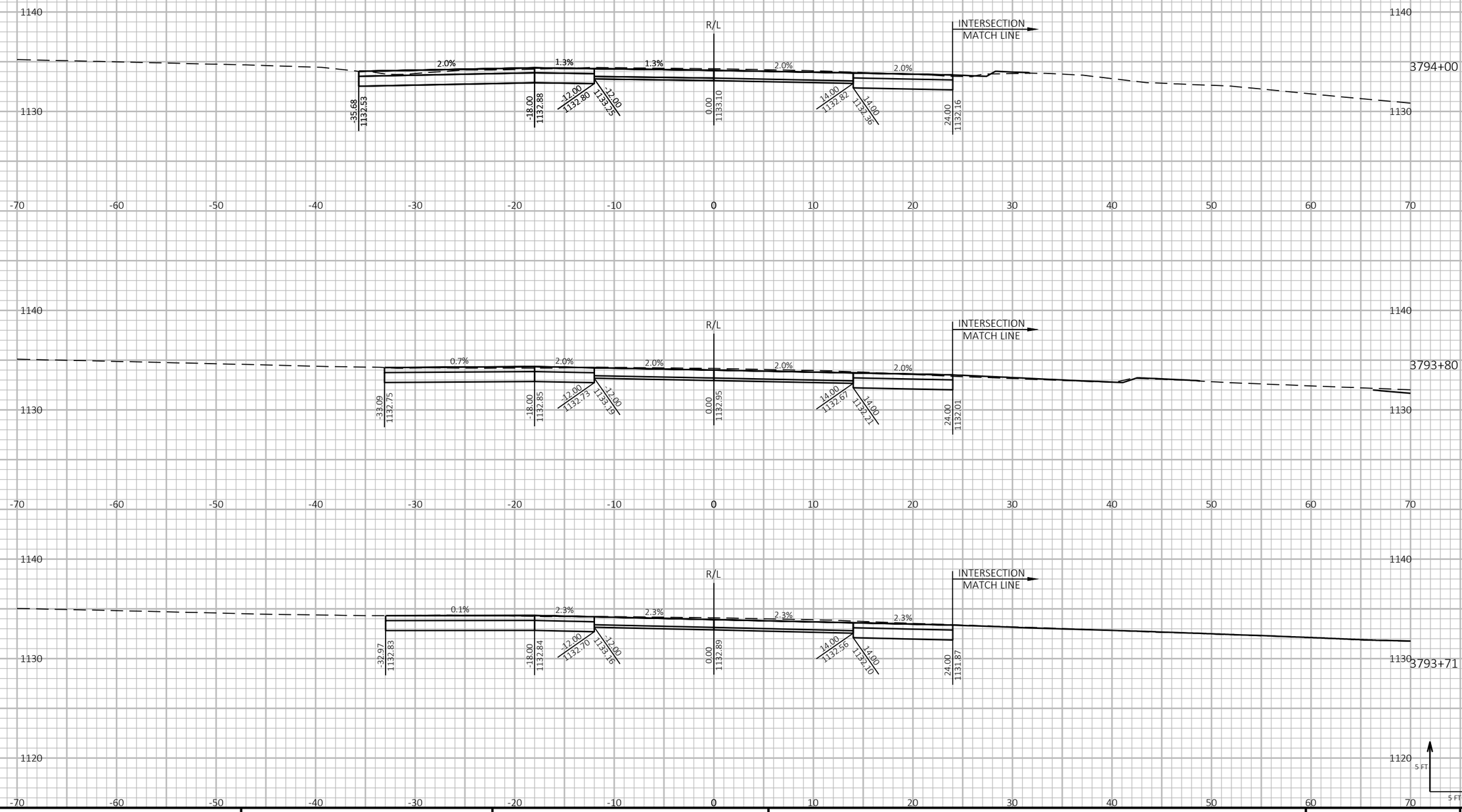
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 771	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 45

PLOT DATE : 10/4/2022 1:00 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 772	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 46

PLOT DATE : 10/4/2022 1:00 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

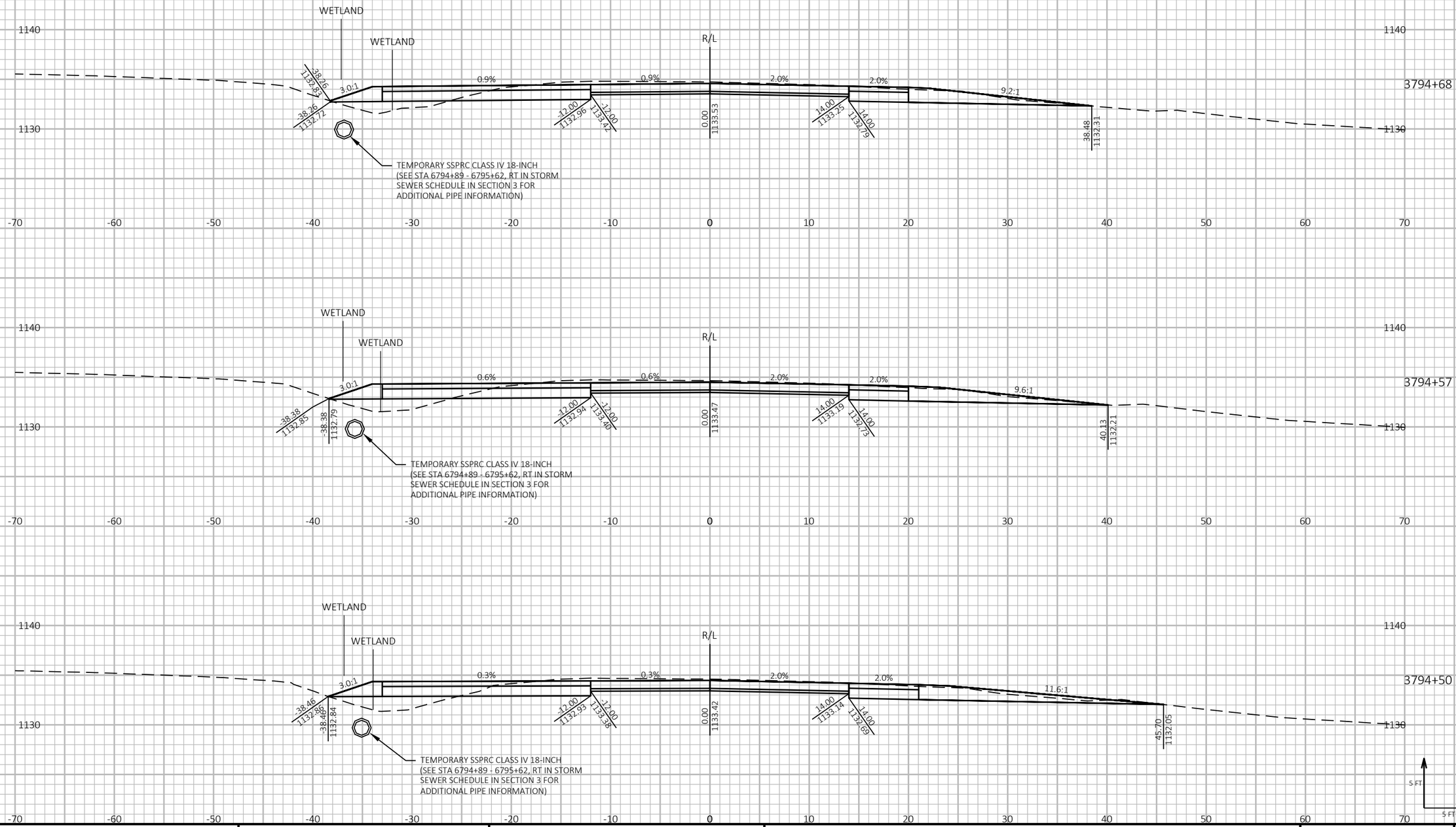
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 773	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 47

PLOT DATE : 10/4/2022 1:01 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

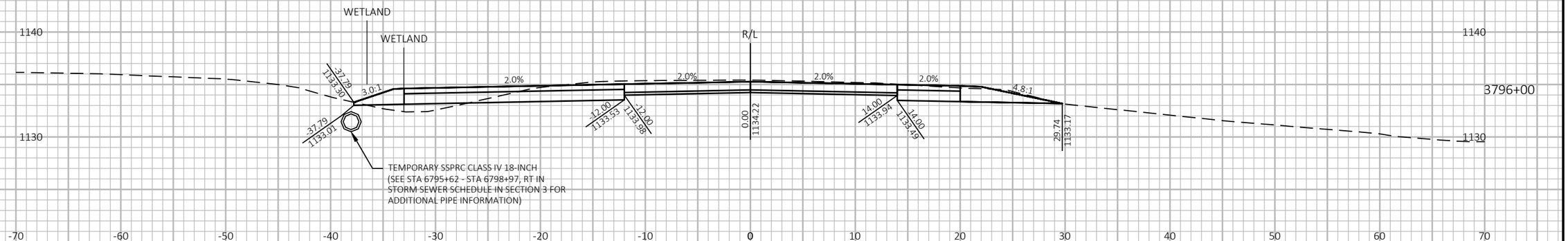
WISDOT/CADDS SHEET 49

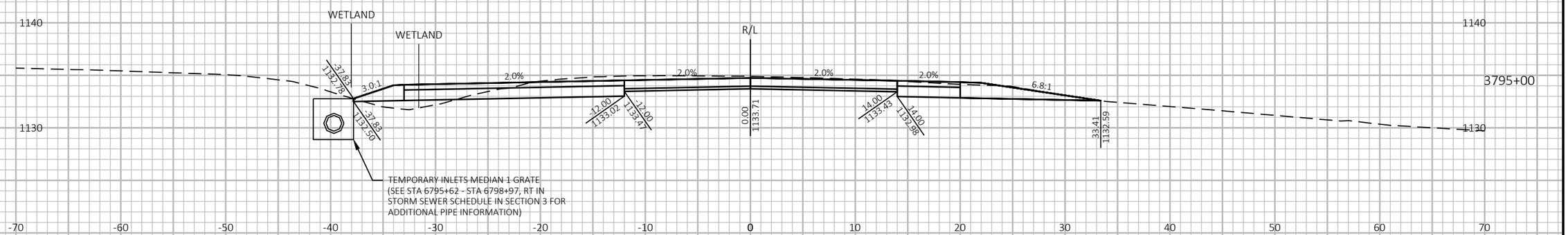
LEGEND

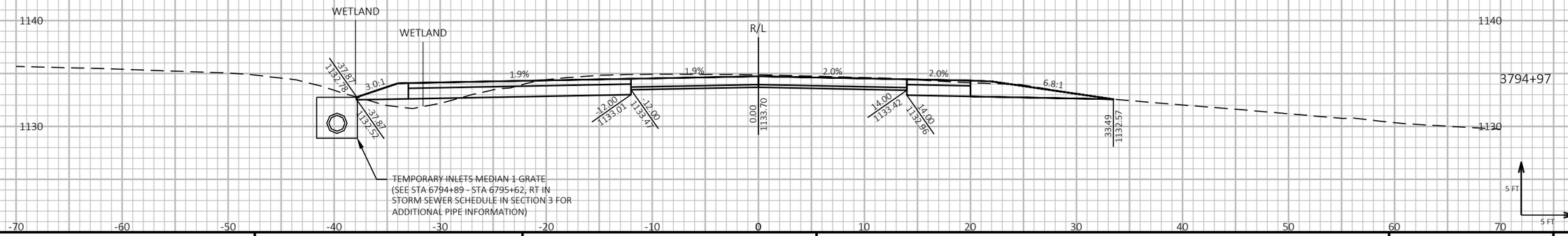
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 774	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 48

PLOT DATE : 10/4/2022 1:01 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

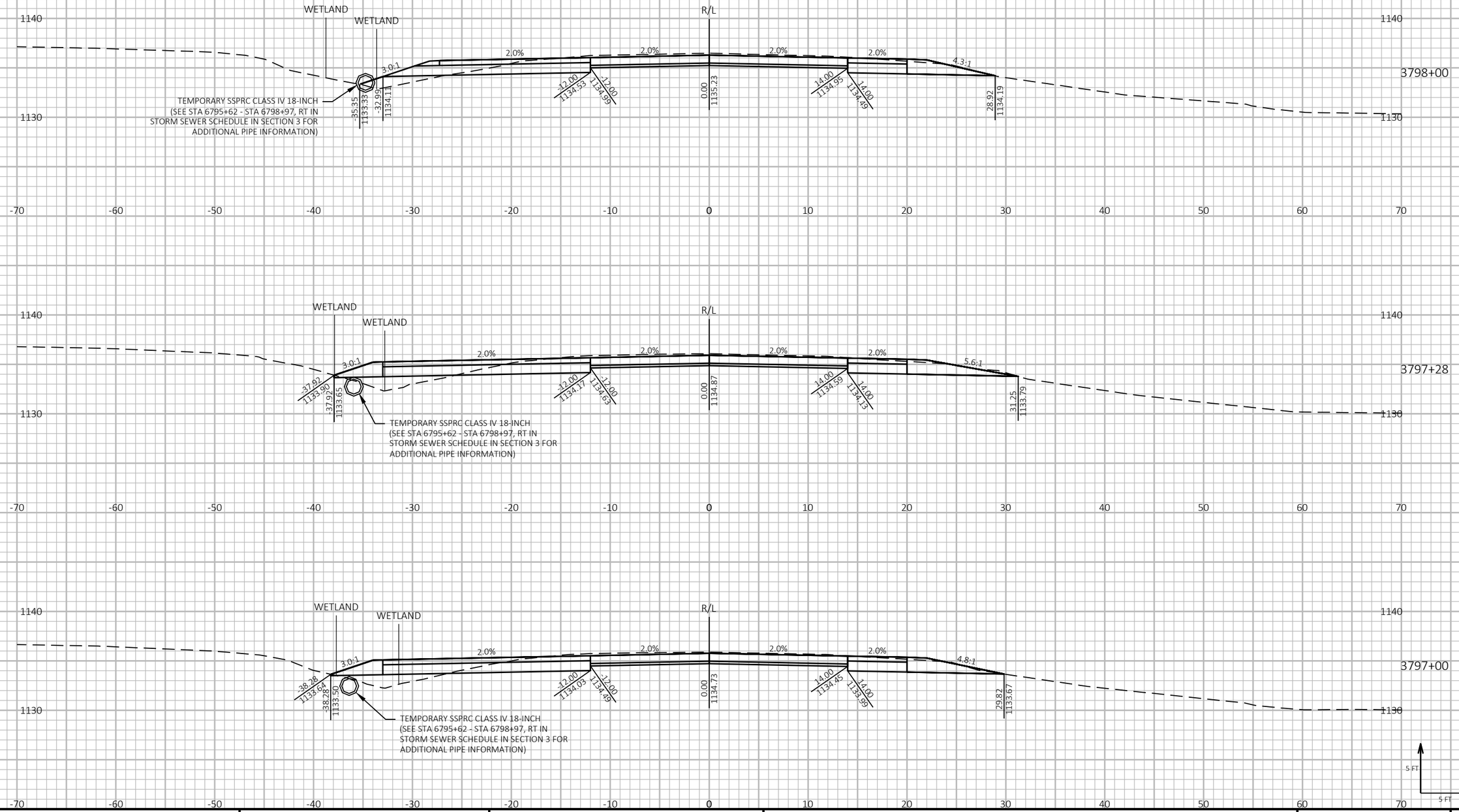
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 775	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 49

PLOT DATE : 10/4/2022 1:01 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

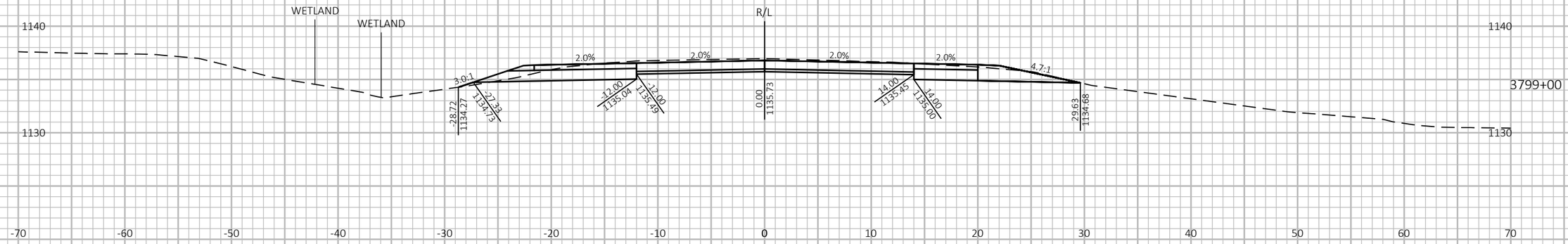
WISDOT/CADDS SHEET 49

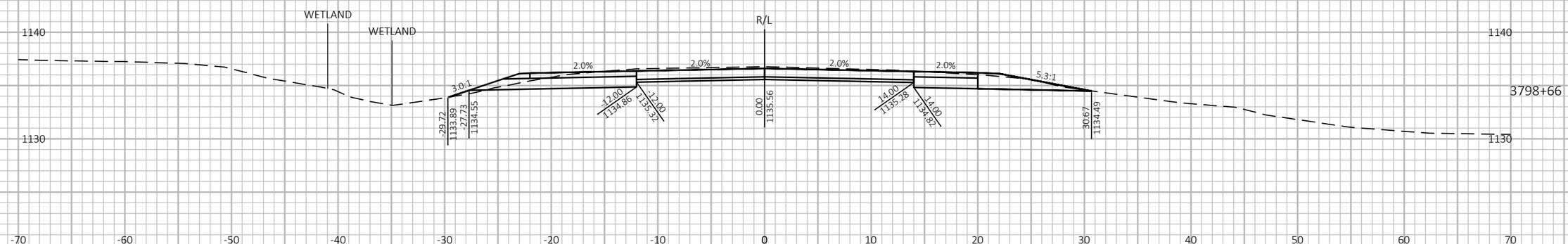
LEGEND

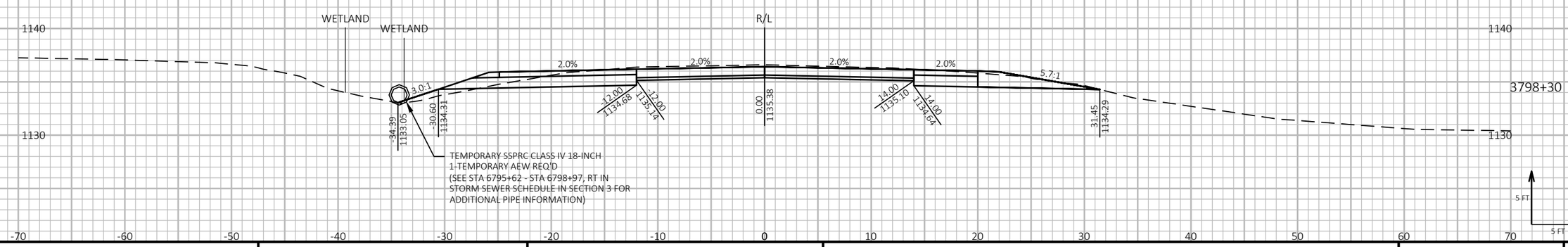
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 776	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 50

PLOT DATE : 10/4/2022 1:01 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

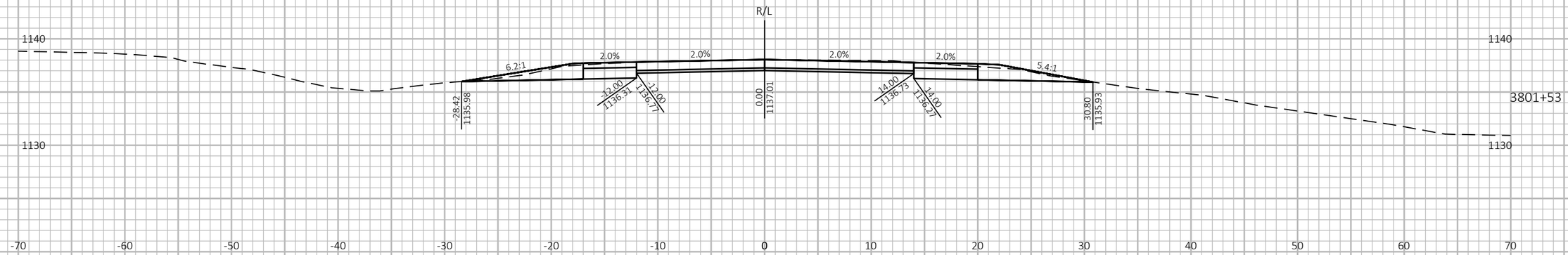
WISDOT/CADDS SHEET 49

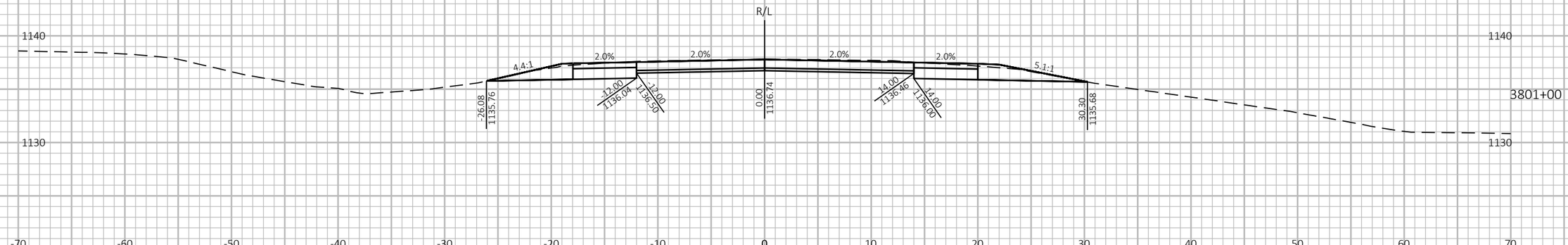
LEGEND

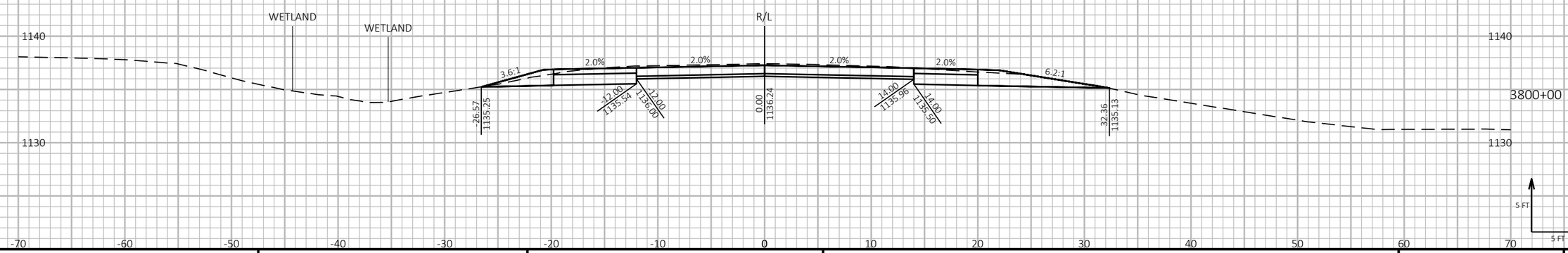
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 777	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 51

PLOT DATE : 10/4/2022 1:02 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

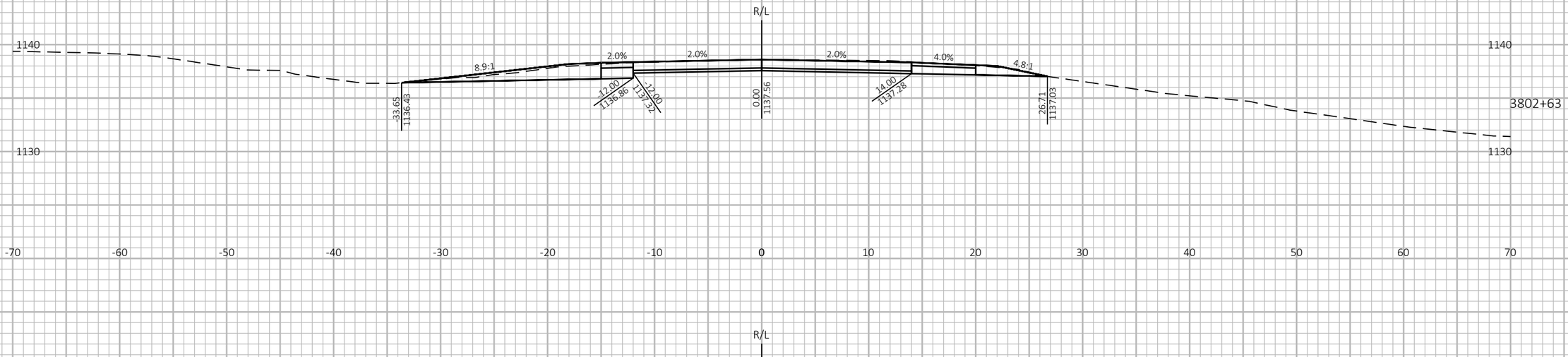
WISDOT/CADDS SHEET 49

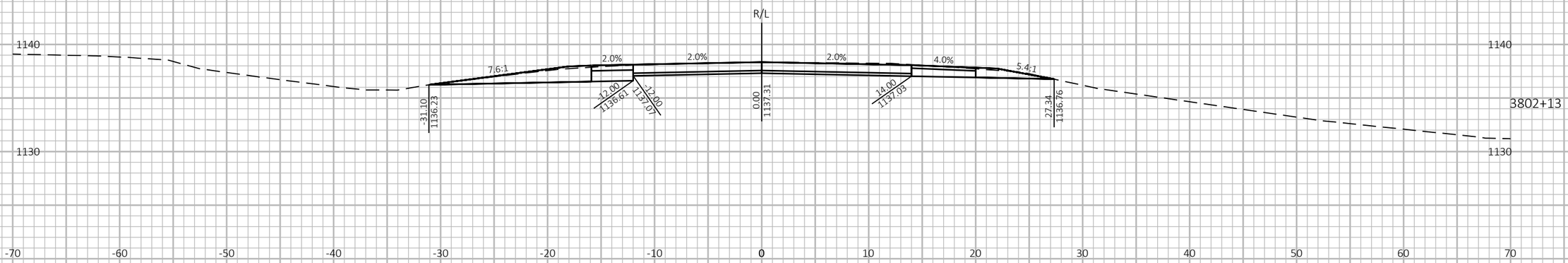
LEGEND

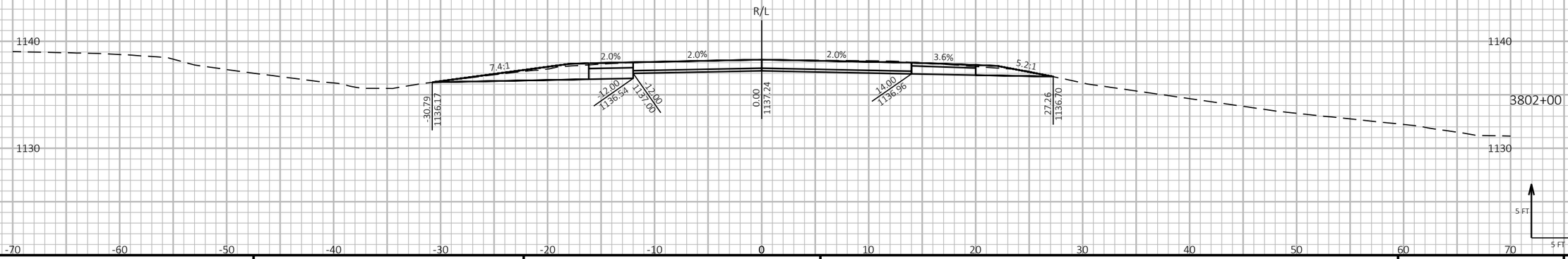
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 778	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 52

PLOT DATE : 10/4/2022 1:02 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 779	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 53

PLOT DATE : 10/4/2022 1:02 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

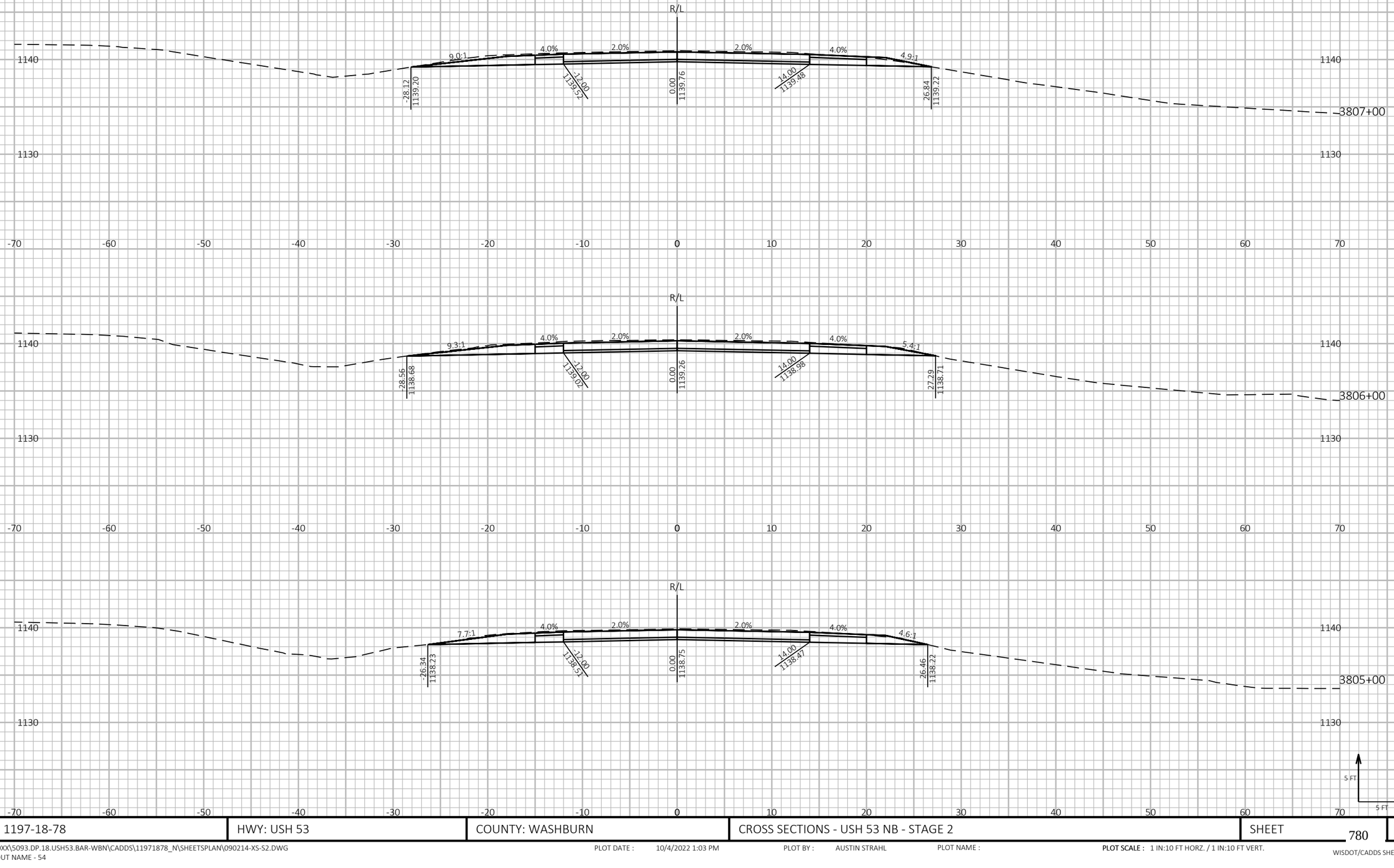
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 780	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 54

PLOT DATE : 10/4/2022 1:03 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

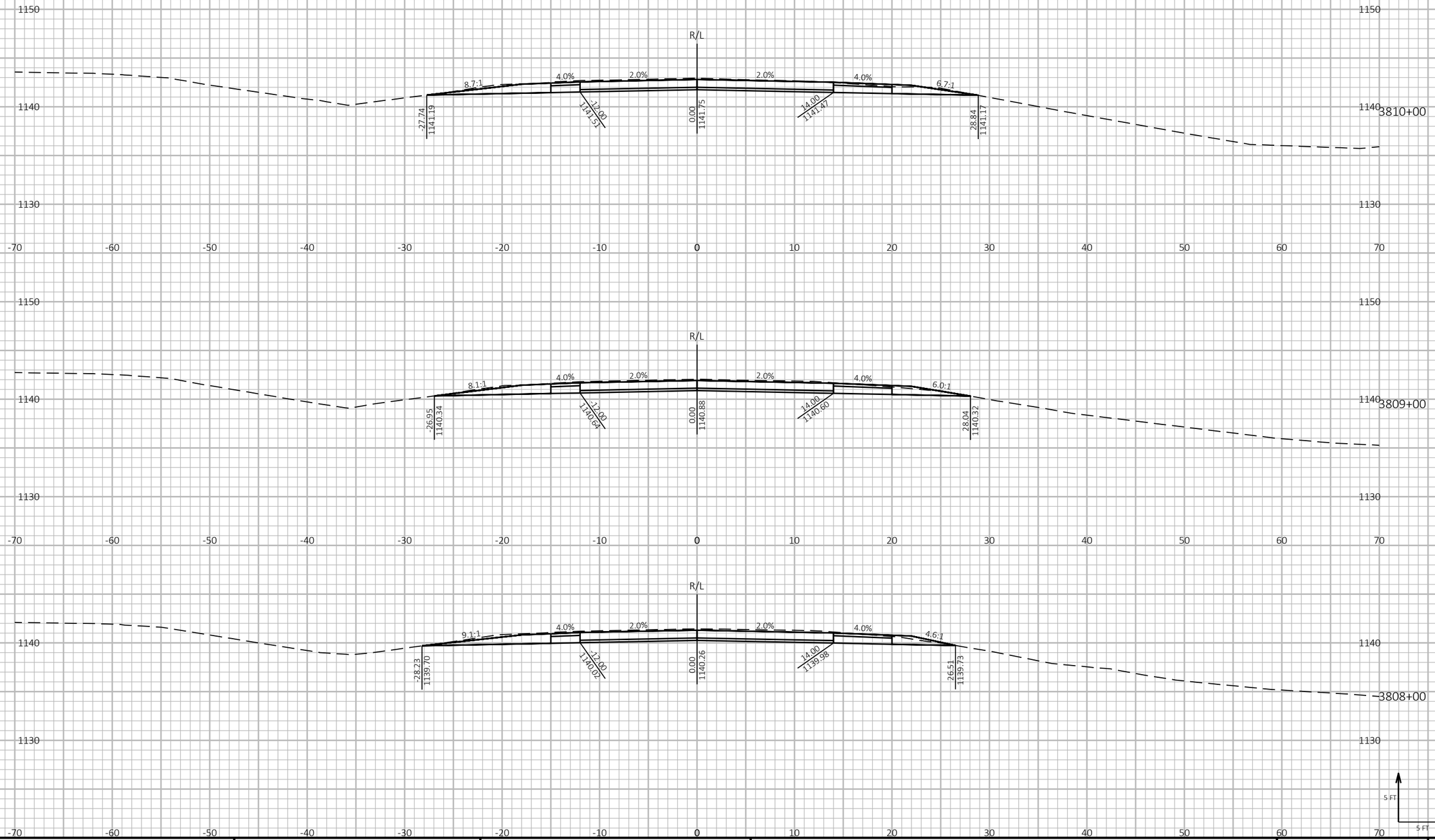
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 781	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 55

PLOT DATE : 10/4/2022 1:03 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 782	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 56

PLOT DATE : 10/4/2022 1:03 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

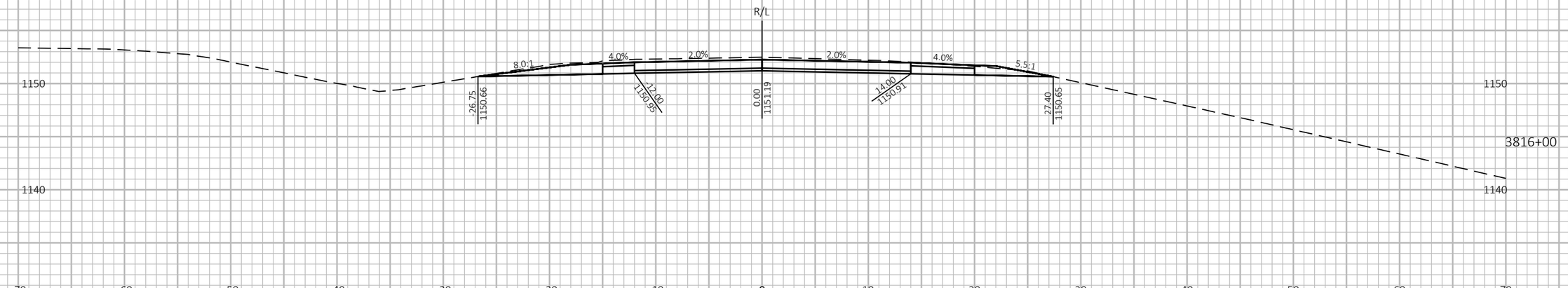
WISDOT/CADDS SHEET 49

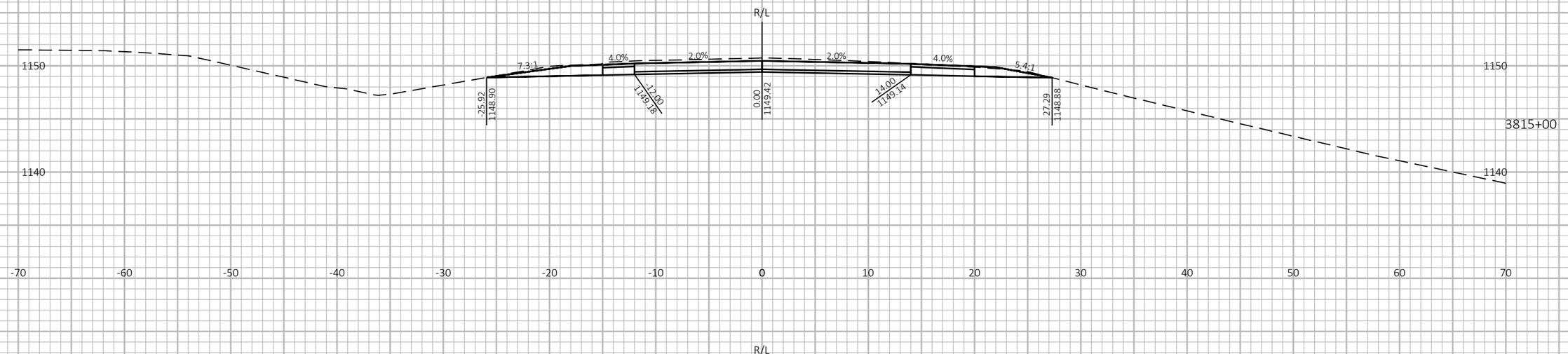
LEGEND

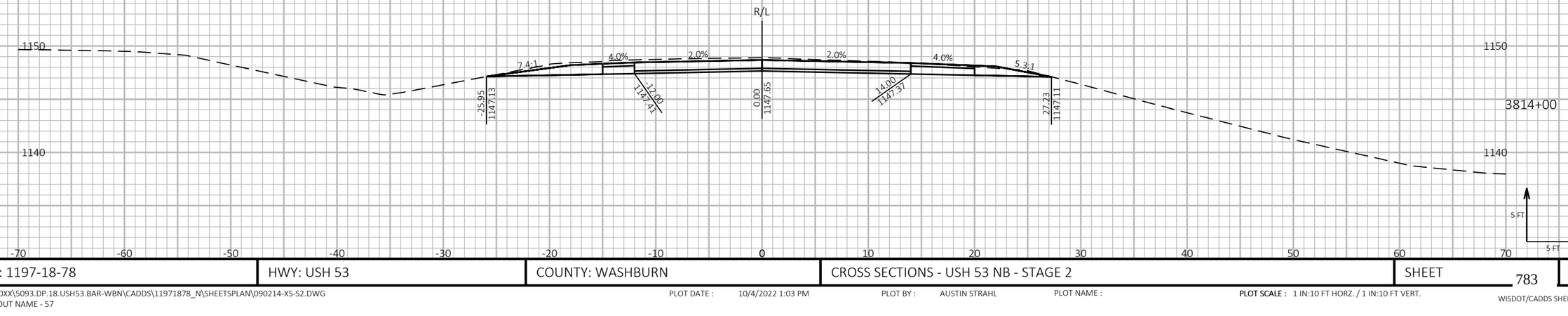
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 783	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090214-XS-S2.DWG
LAYOUT NAME - 57

PLOT DATE : 10/4/2022 1:03 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

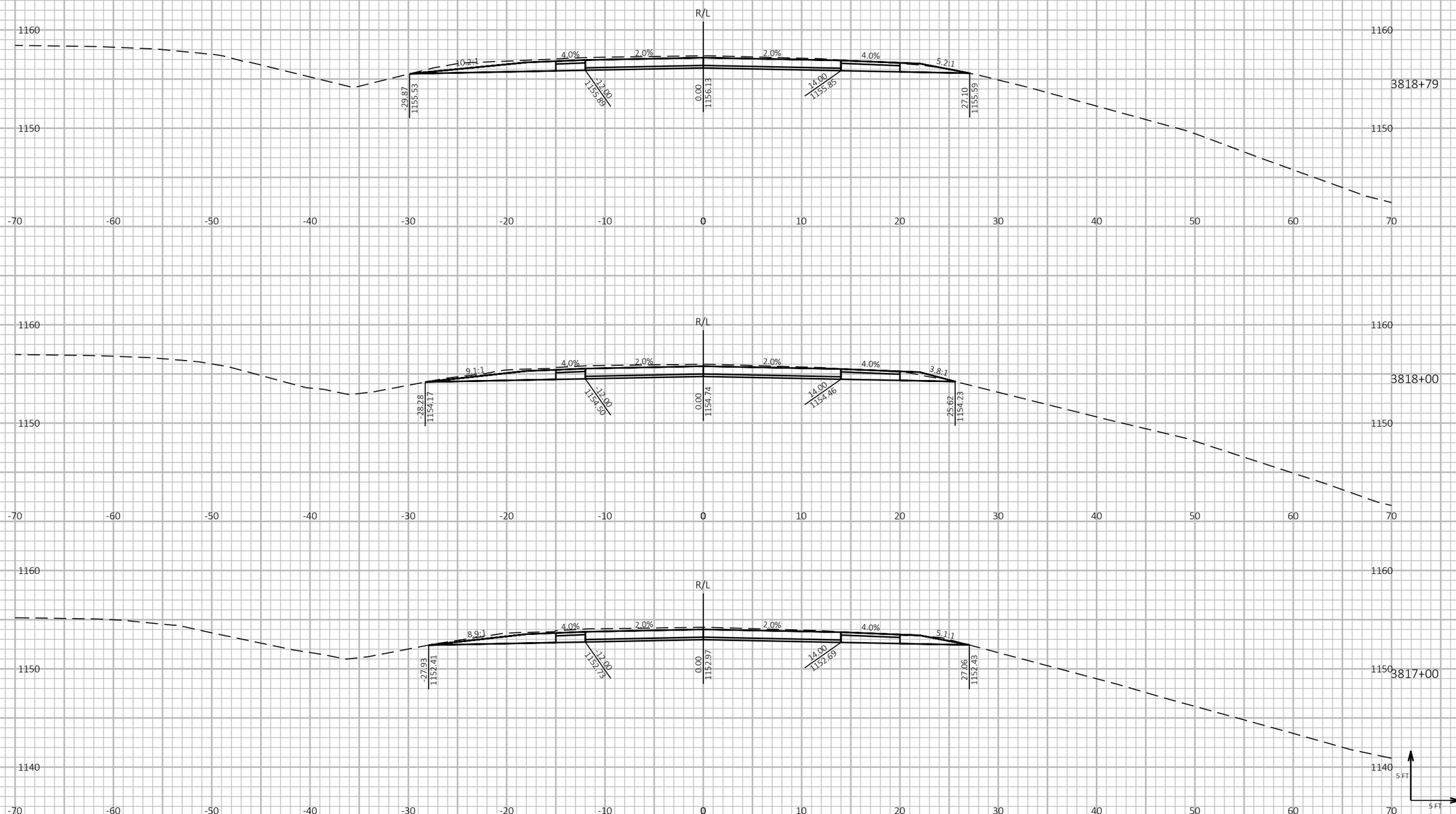
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 784	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/23/2022 3:55 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

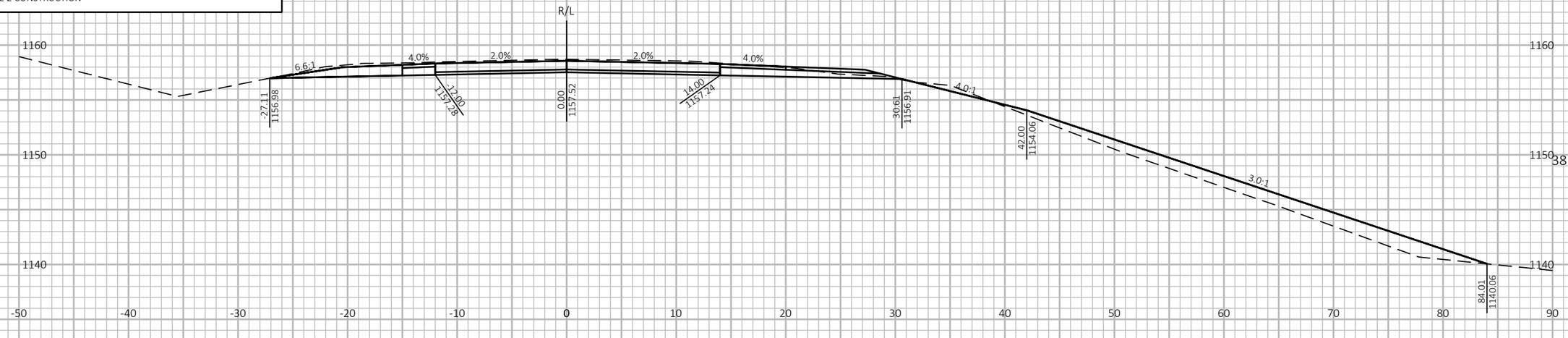
WISDOT/CADDS SHEET 49

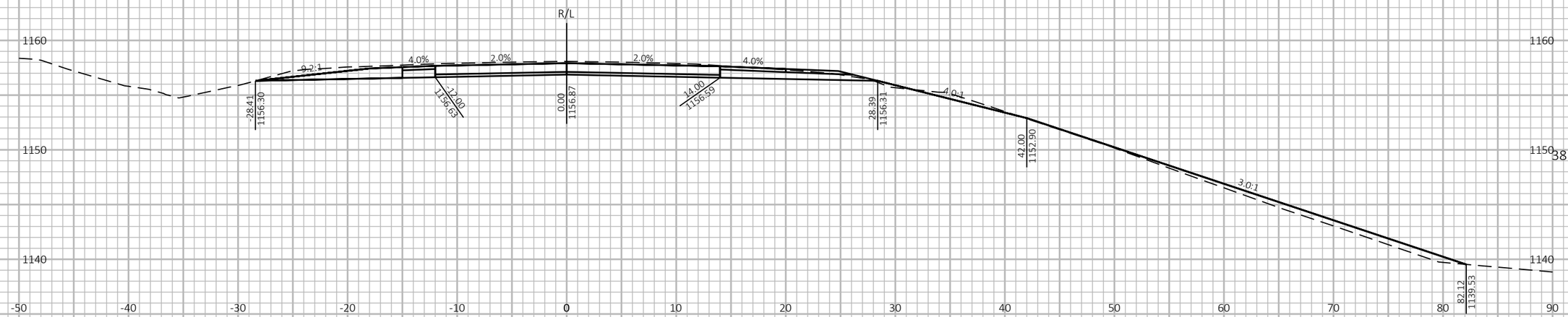
LEGEND

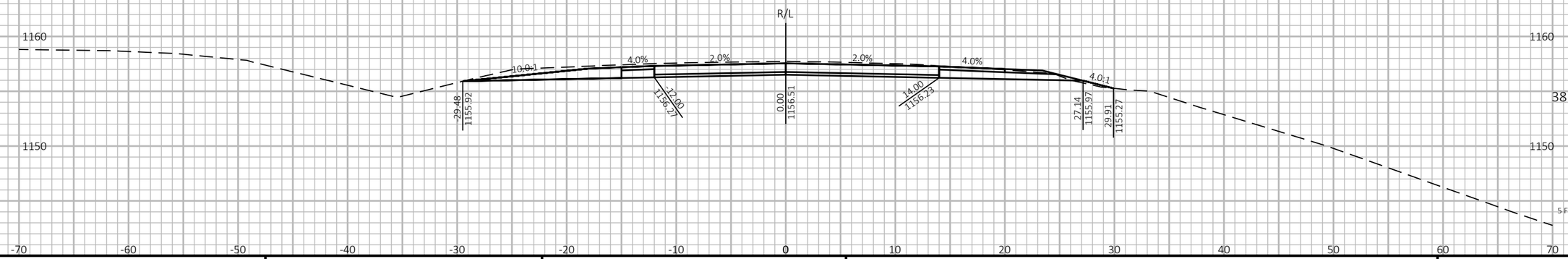
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 785	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/23/2022 3:55 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

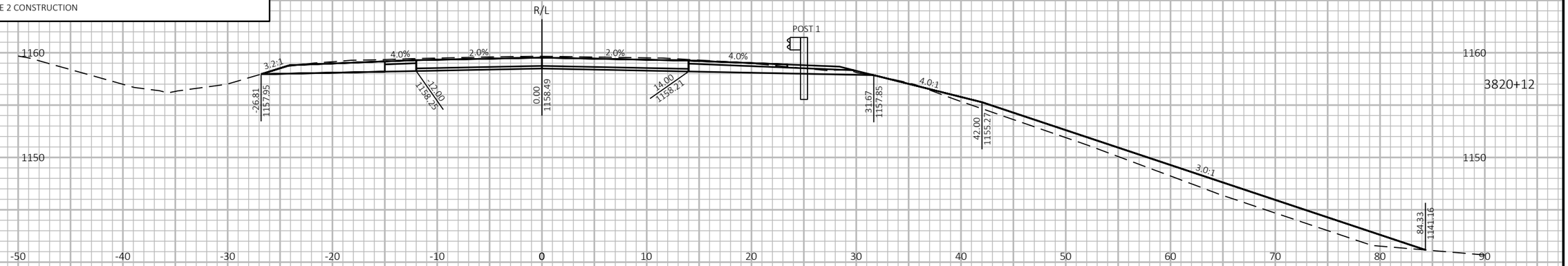
WISDOT/CADDS SHEET 49

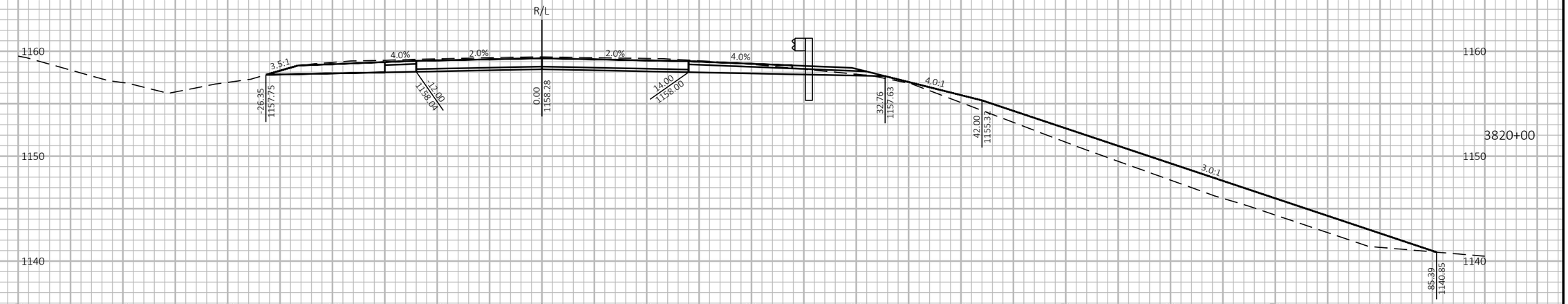
LEGEND

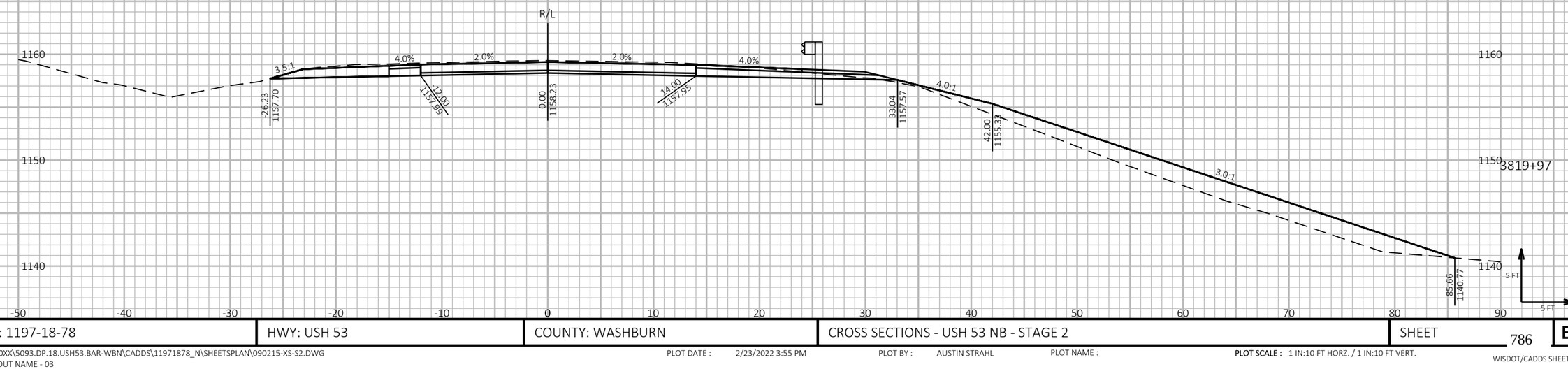
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 786	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/23/2022 3:55 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

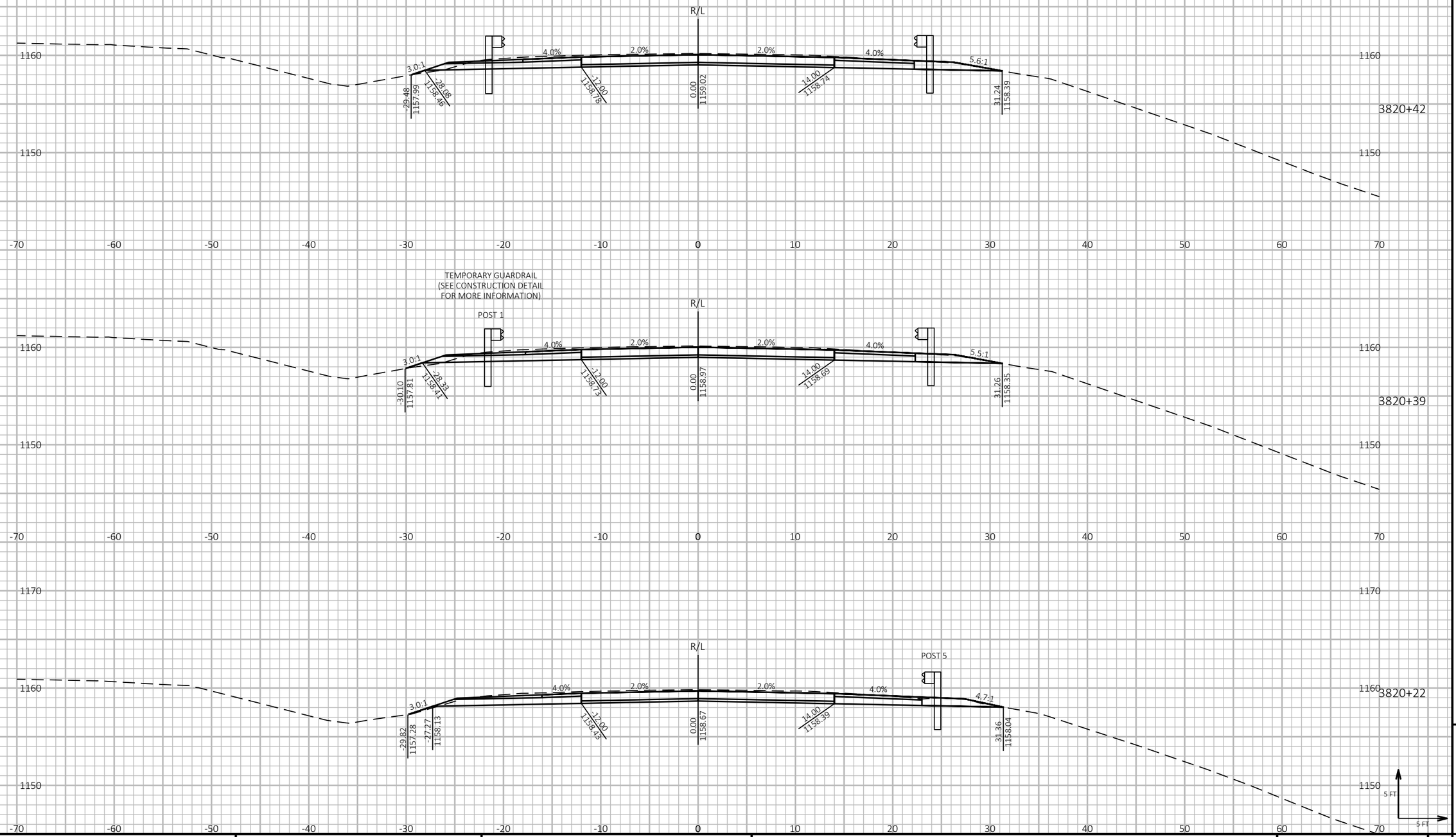
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



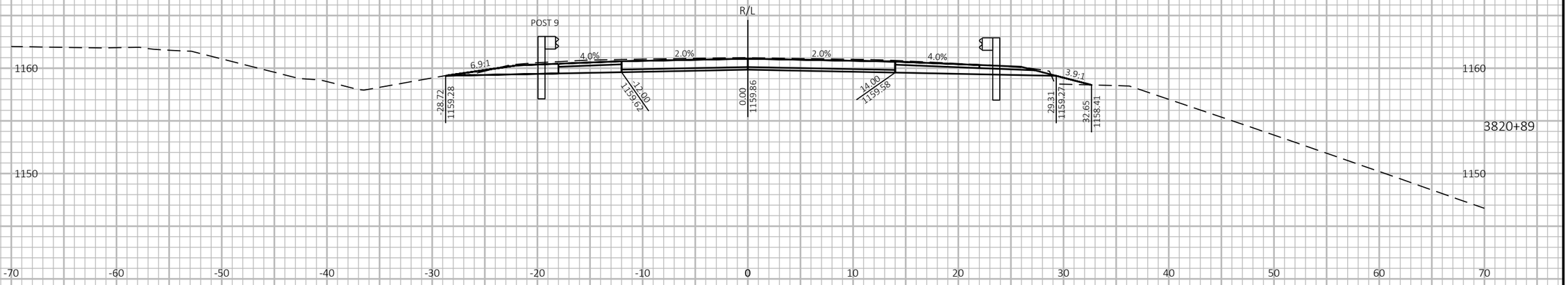
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 787	E

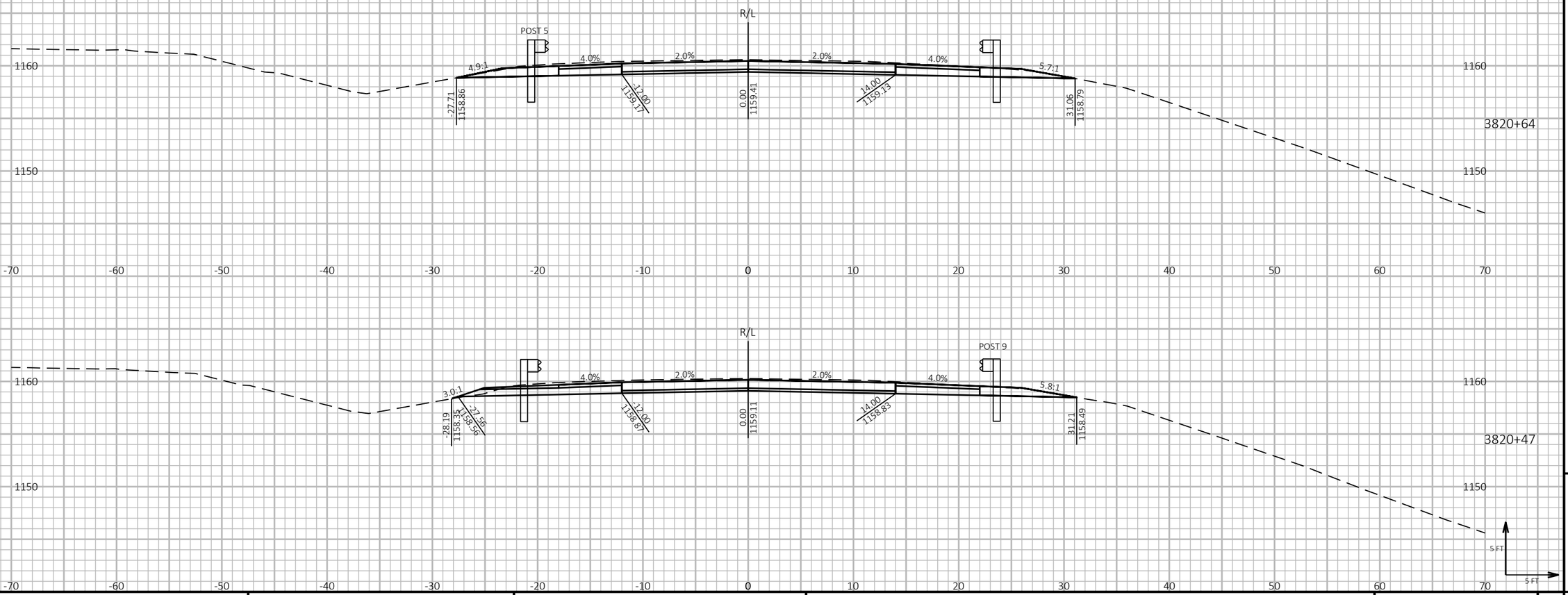
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 788	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 2/23/2022 3:56 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

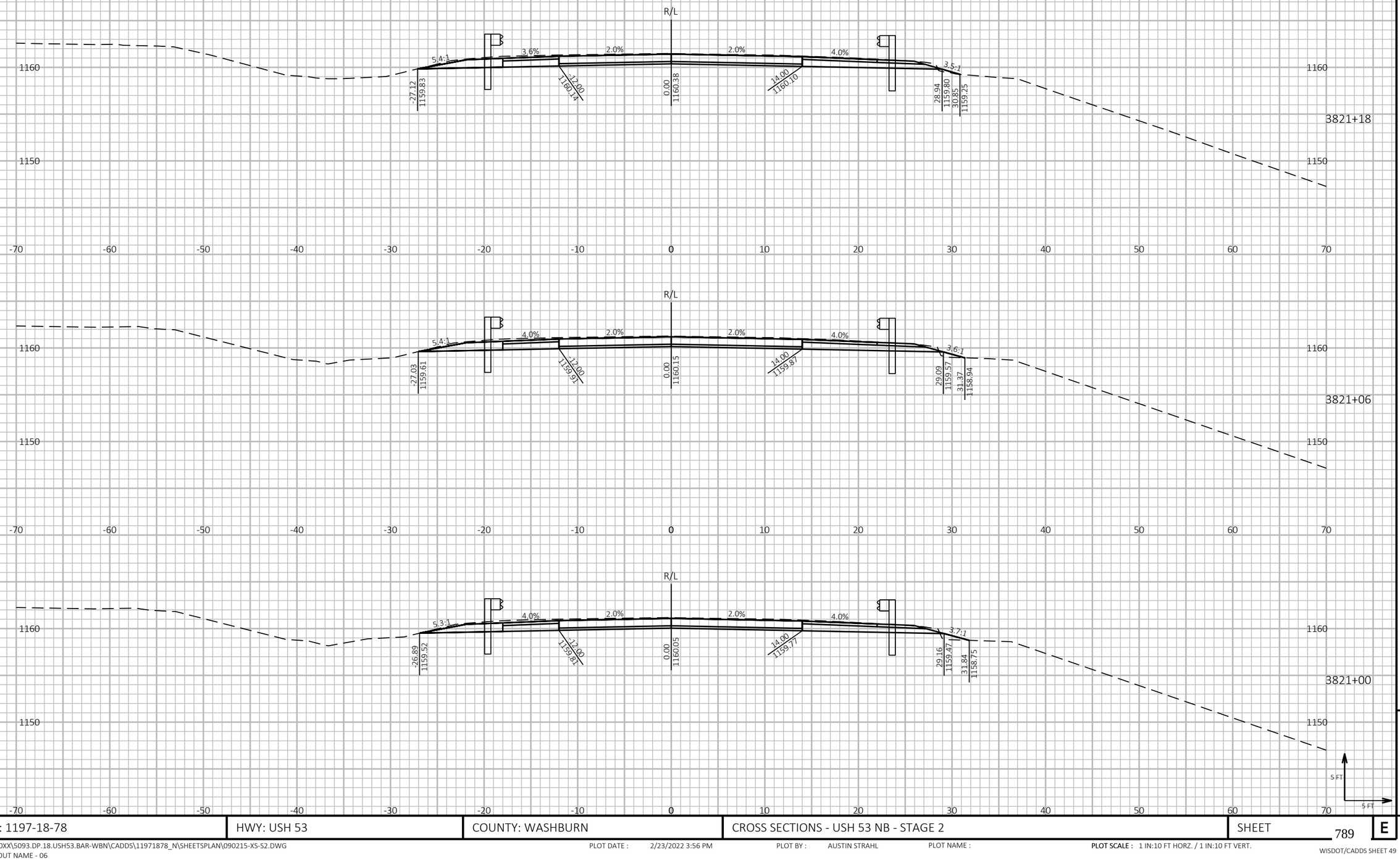
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 789	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 2/23/2022 3:56 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

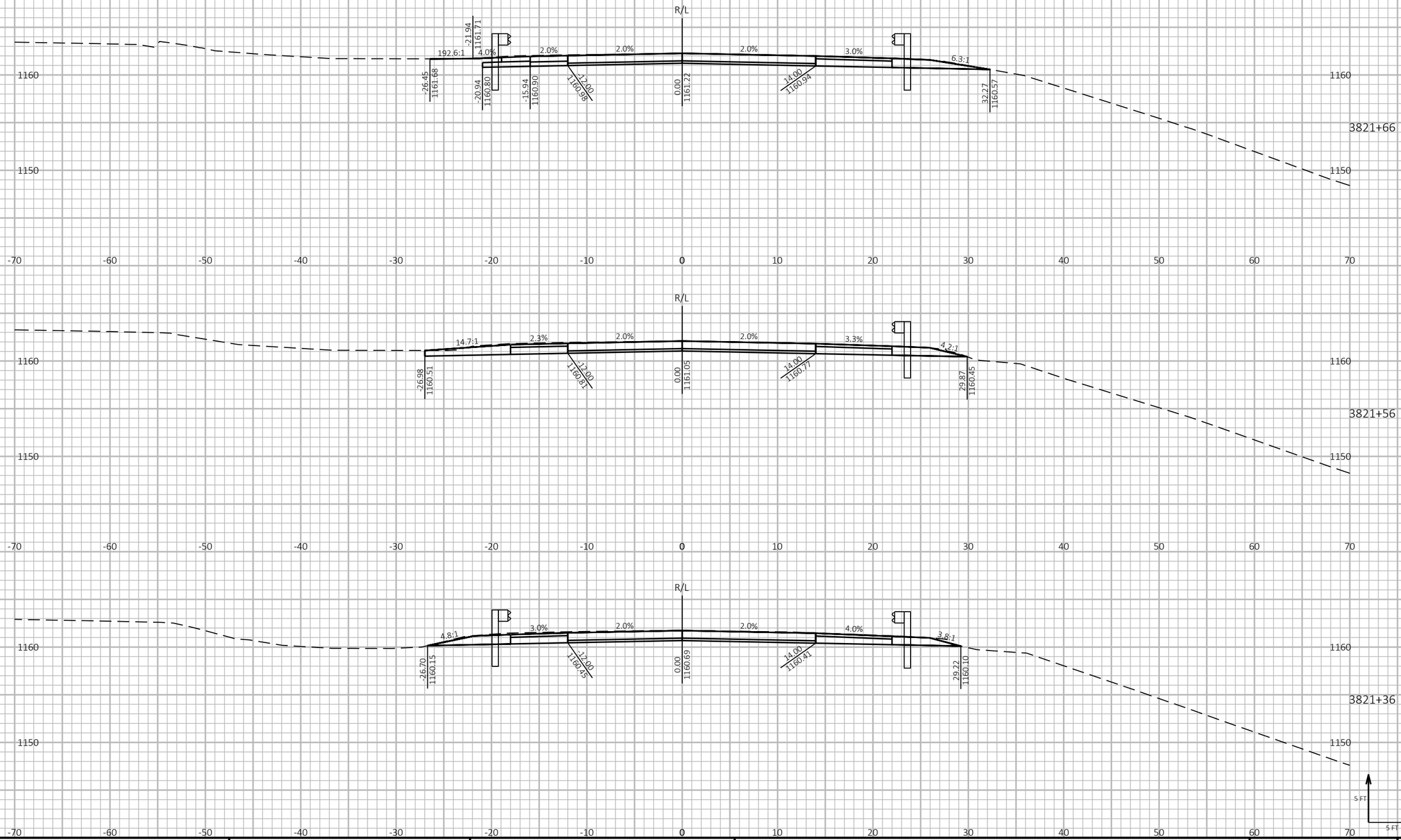
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 790	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 2/23/2022 3:57 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

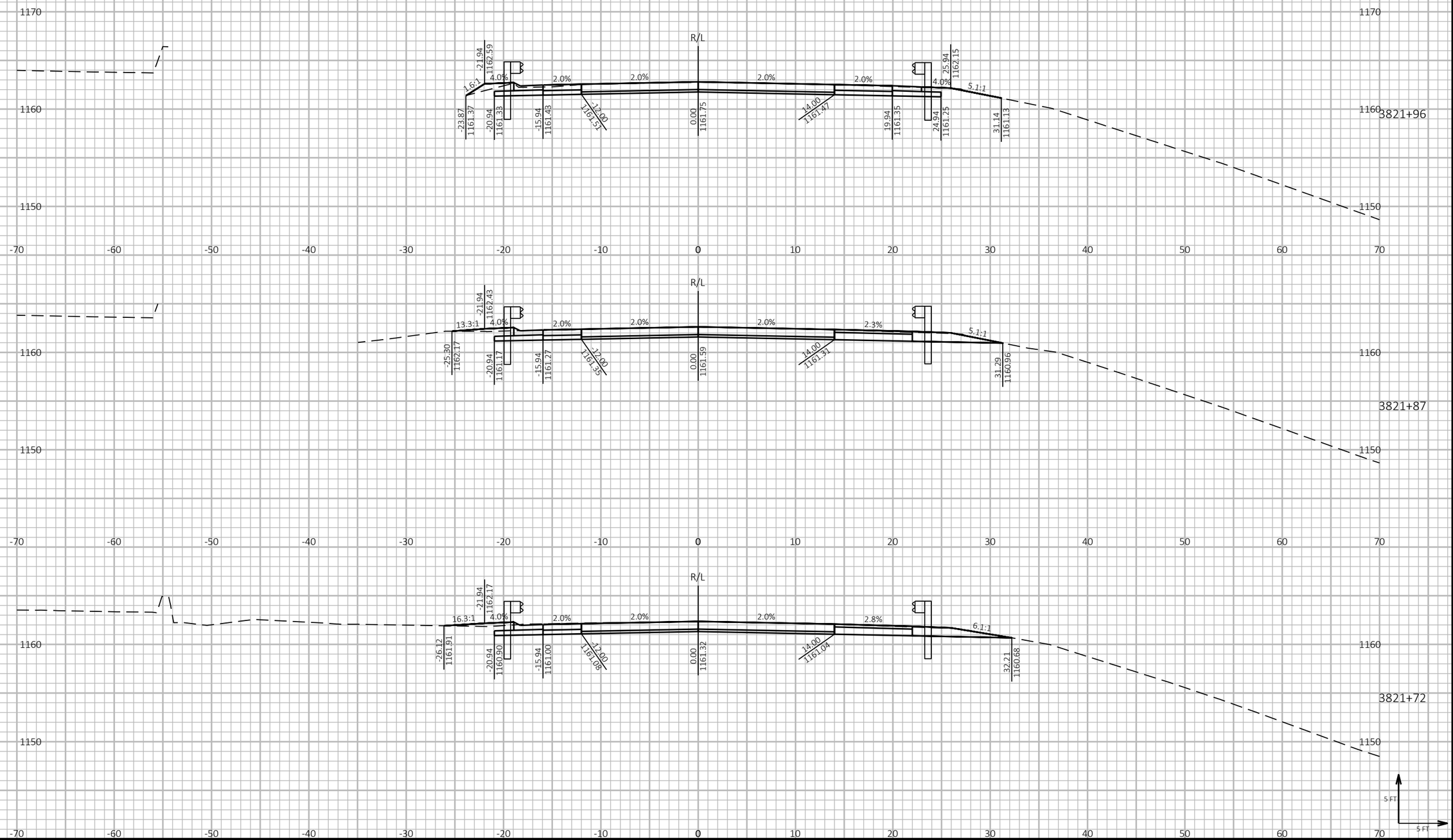
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 791	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 2/23/2022 3:57 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

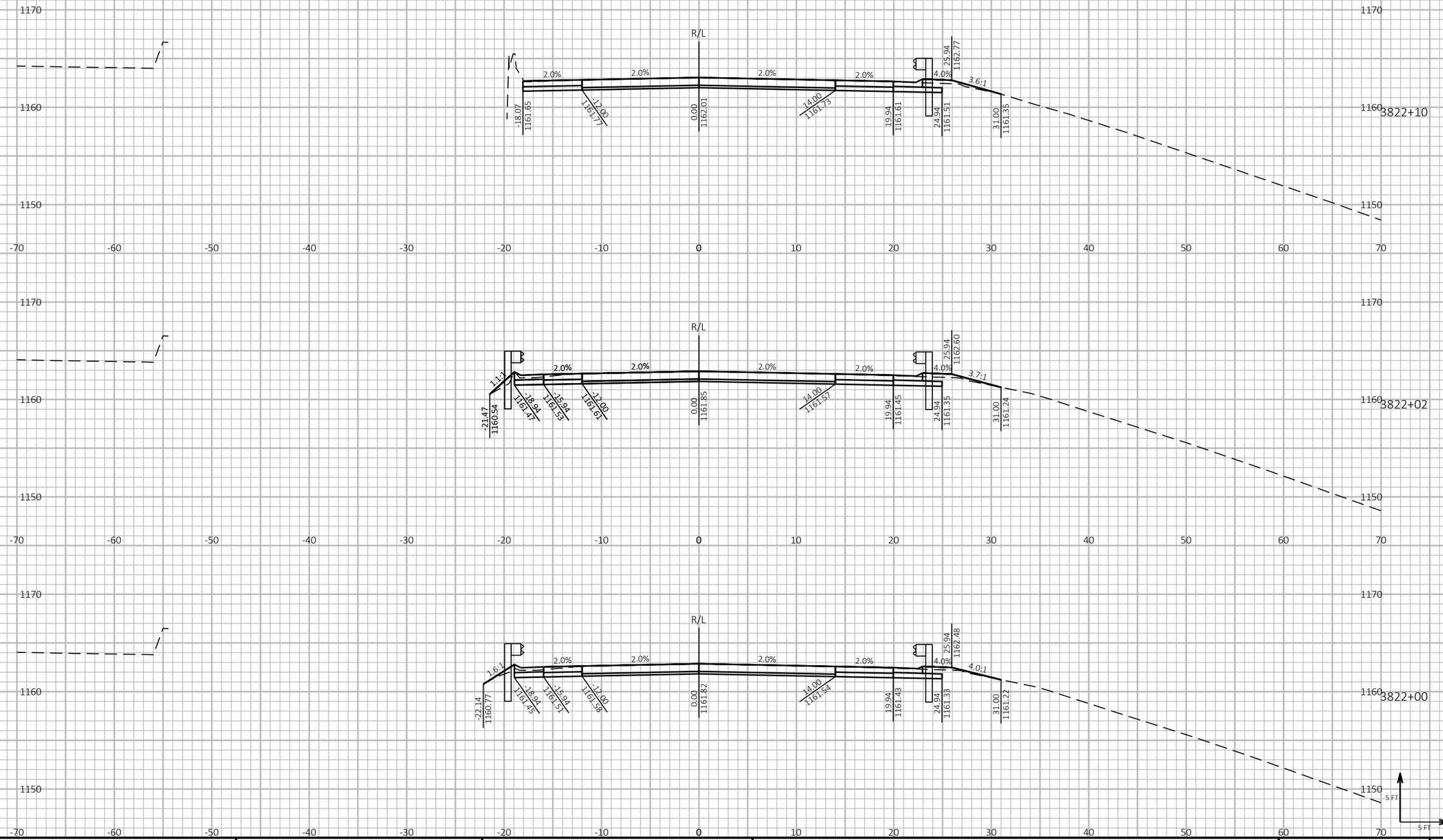
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 792	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 2/23/2022 3:57 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

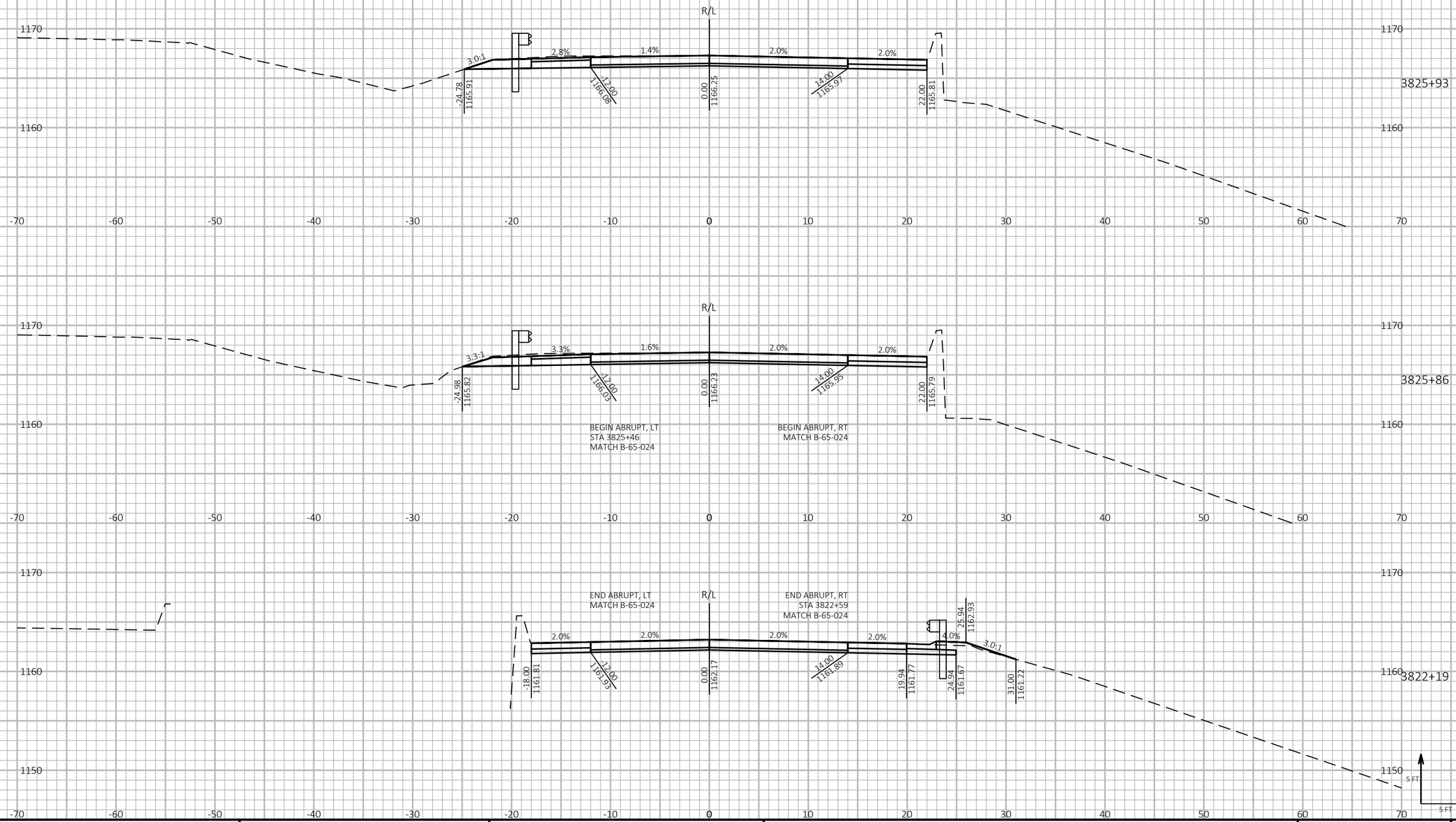
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 793	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 2/23/2022 3:58 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

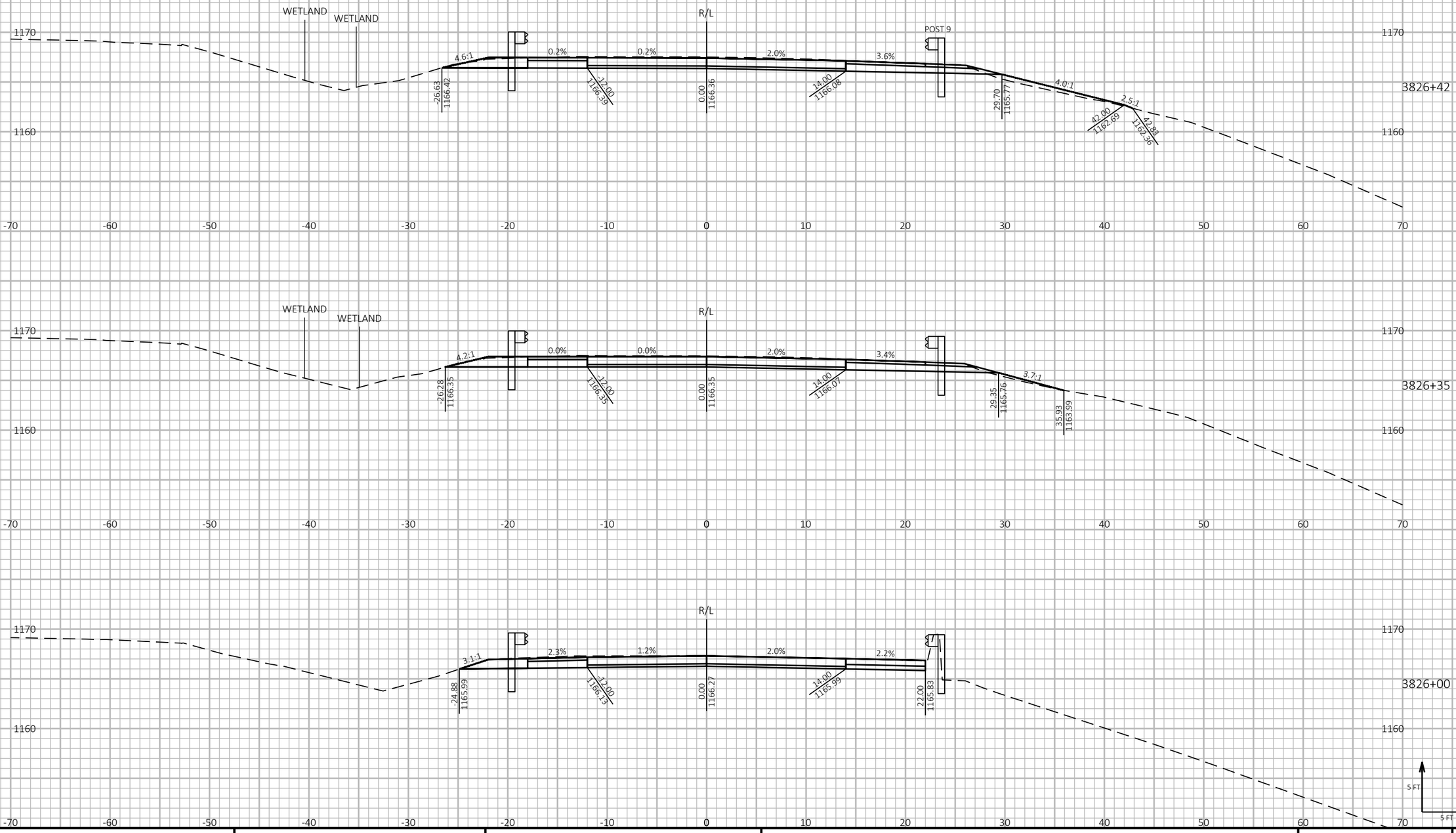
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 794	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 2/23/2022 3:58 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

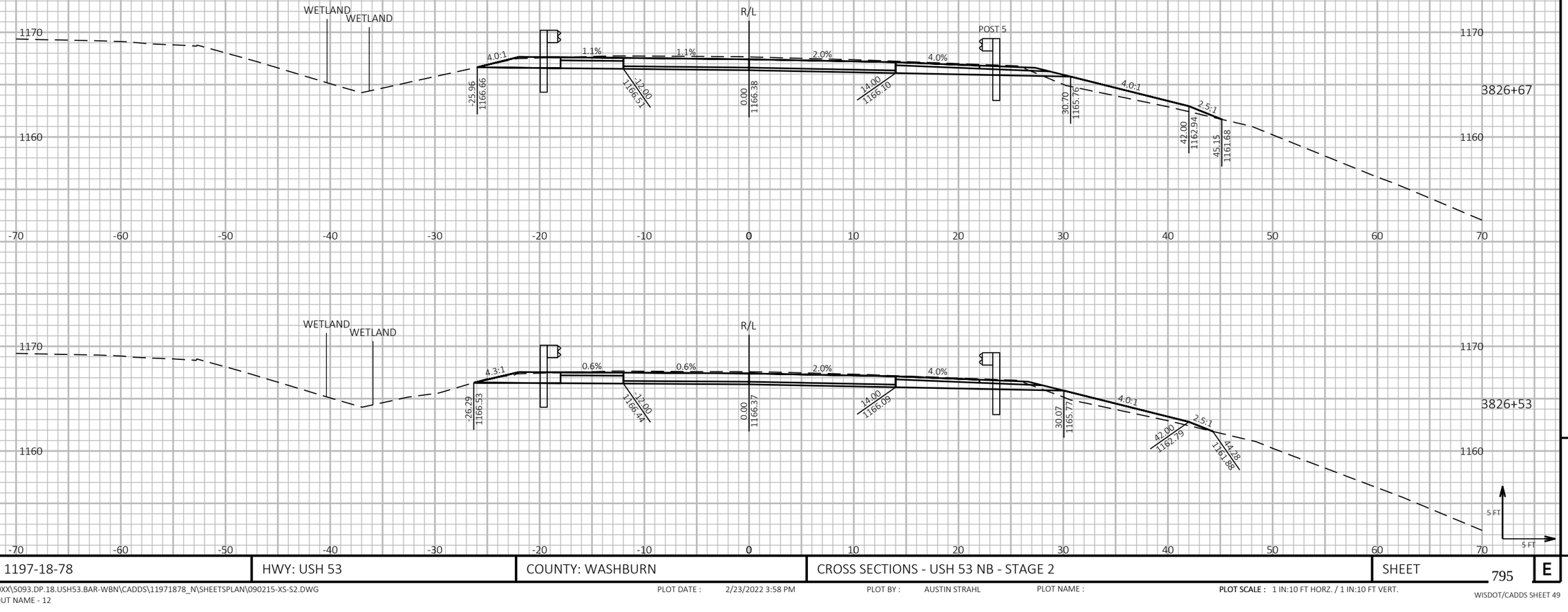
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 795	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 12

PLOT DATE : 2/23/2022 3:58 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

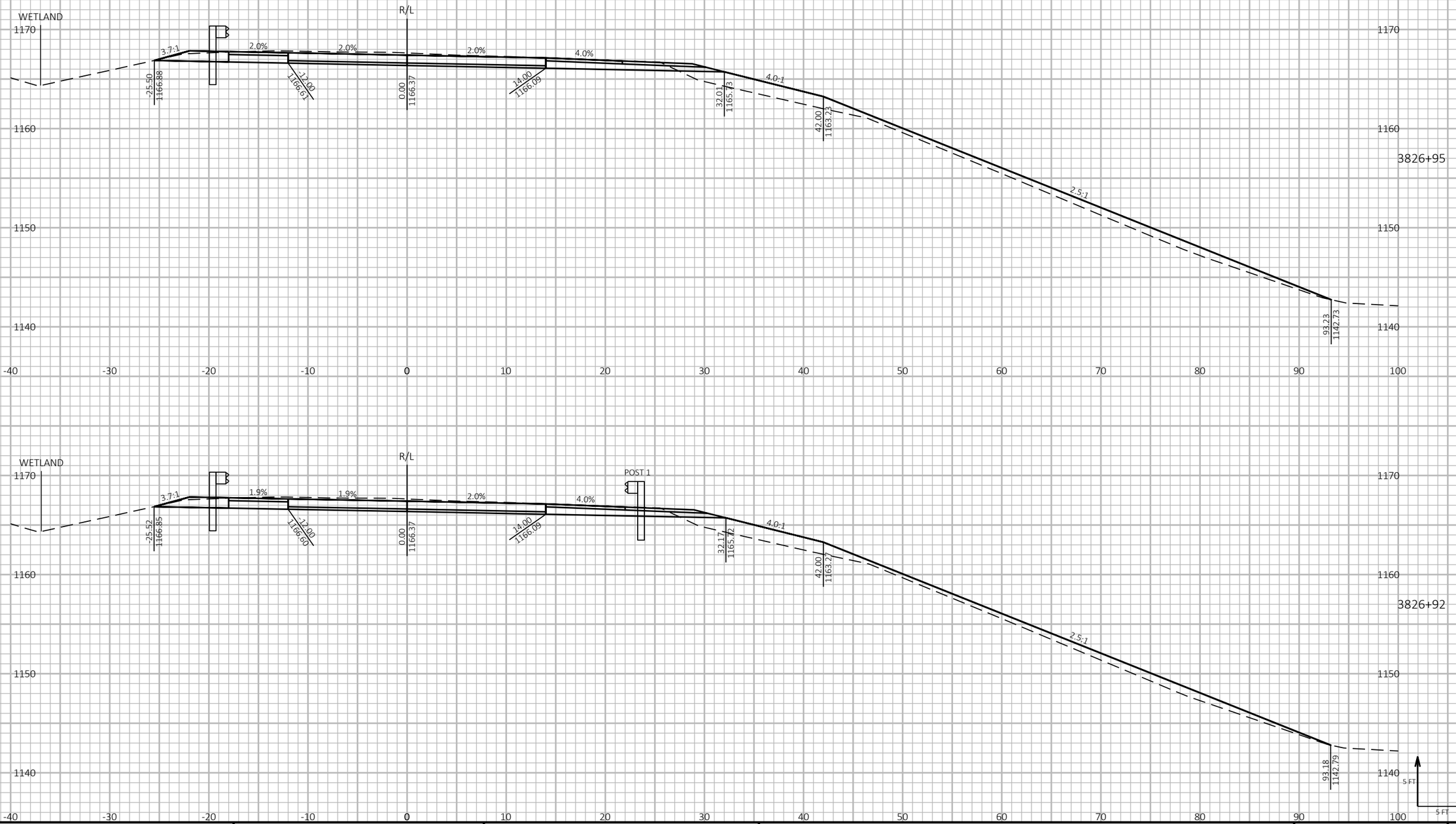
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 796	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 2/23/2022 3:59 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

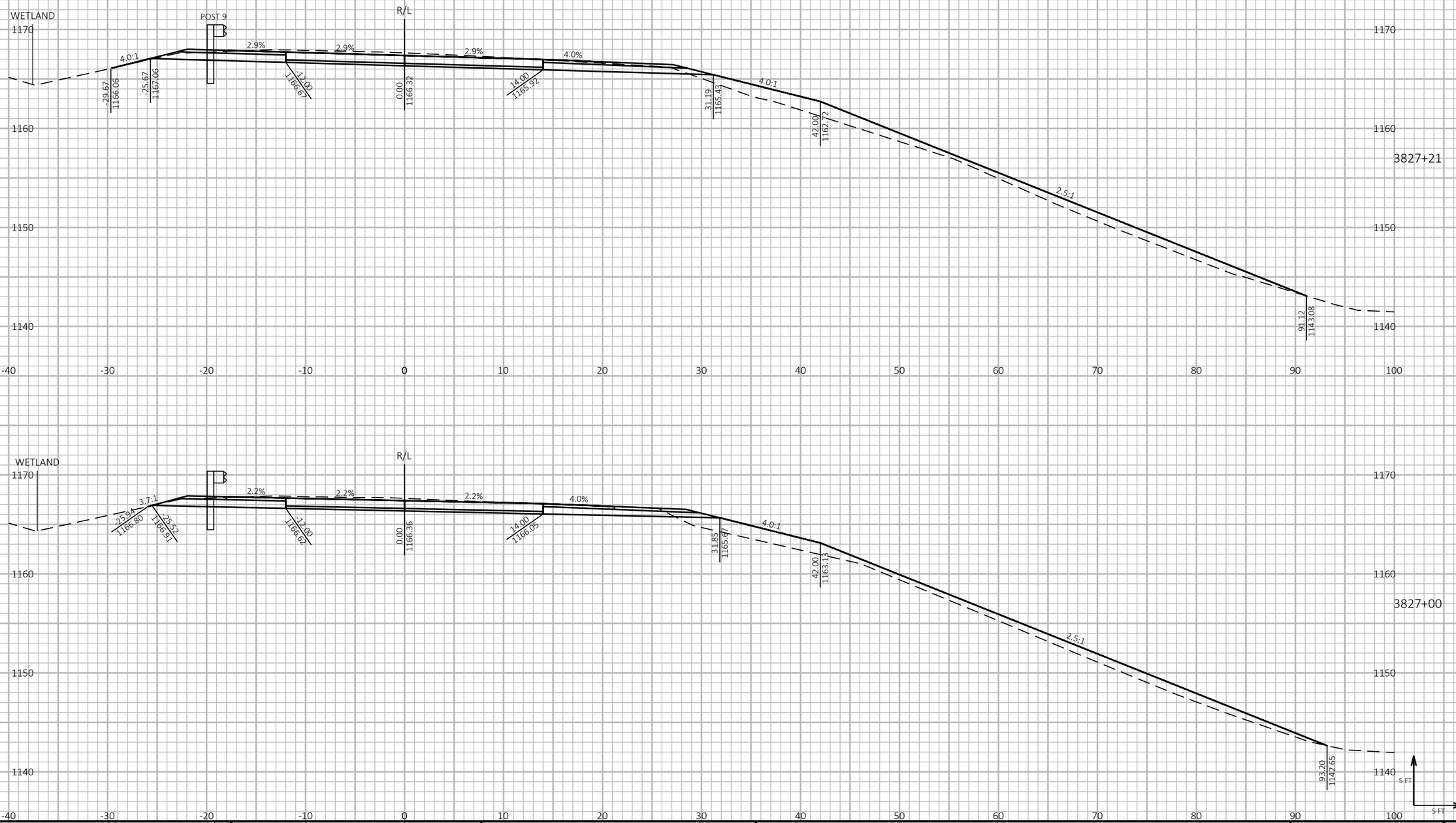
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 797	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 2/23/2022 3:59 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

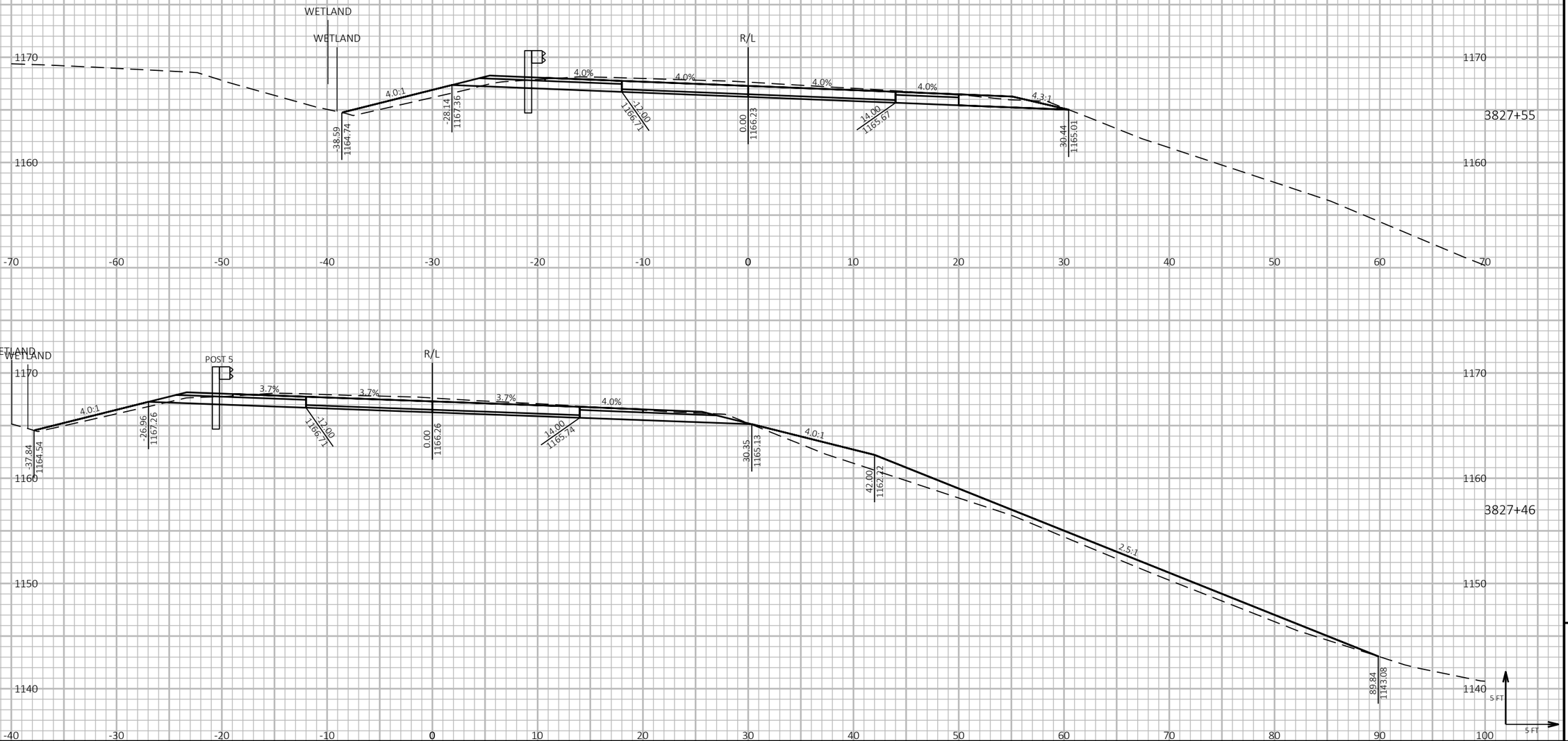
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 798	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 2/23/2022 3:59 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

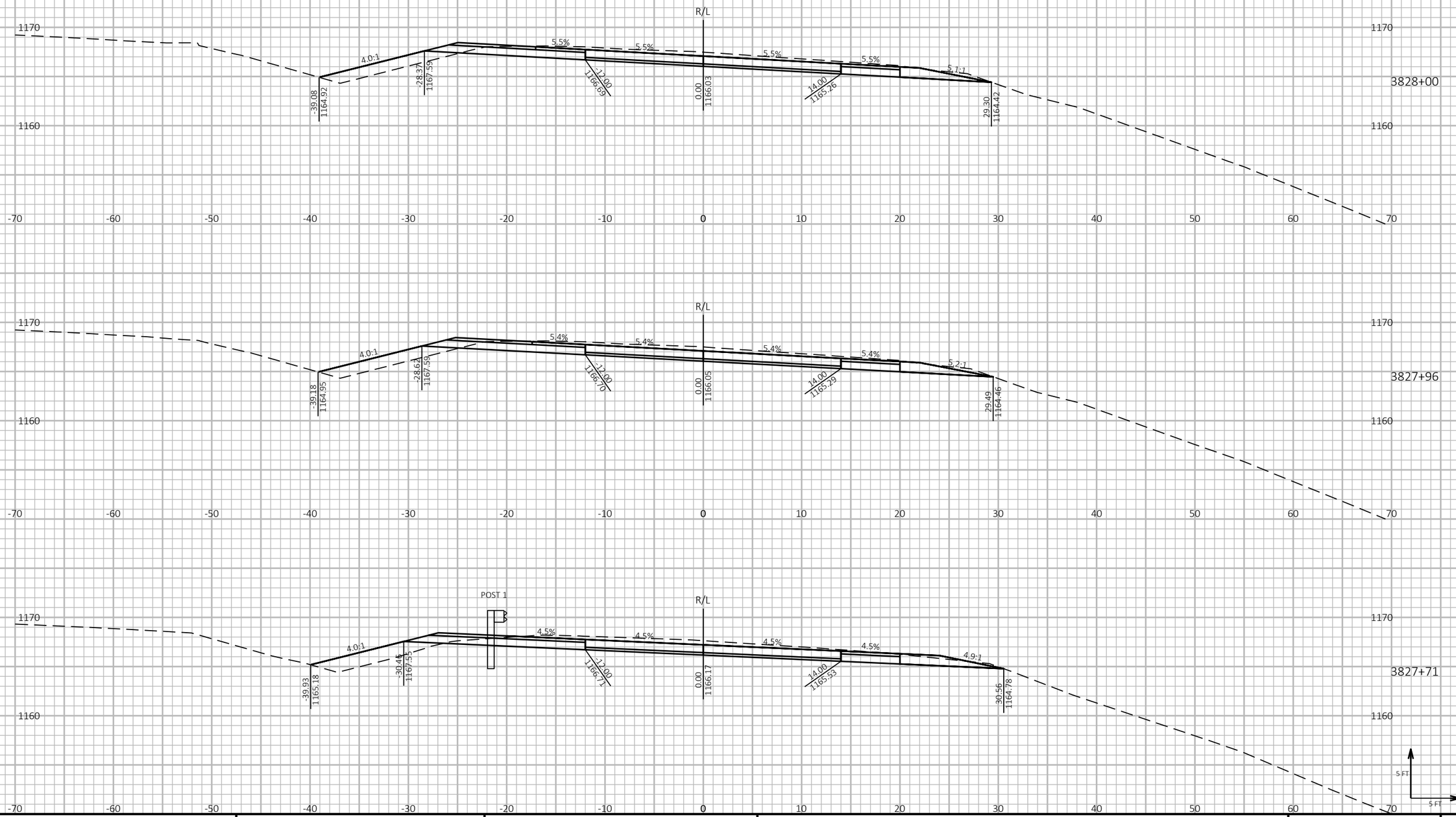
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 799	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 16

PLOT DATE : 2/23/2022 4:00 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

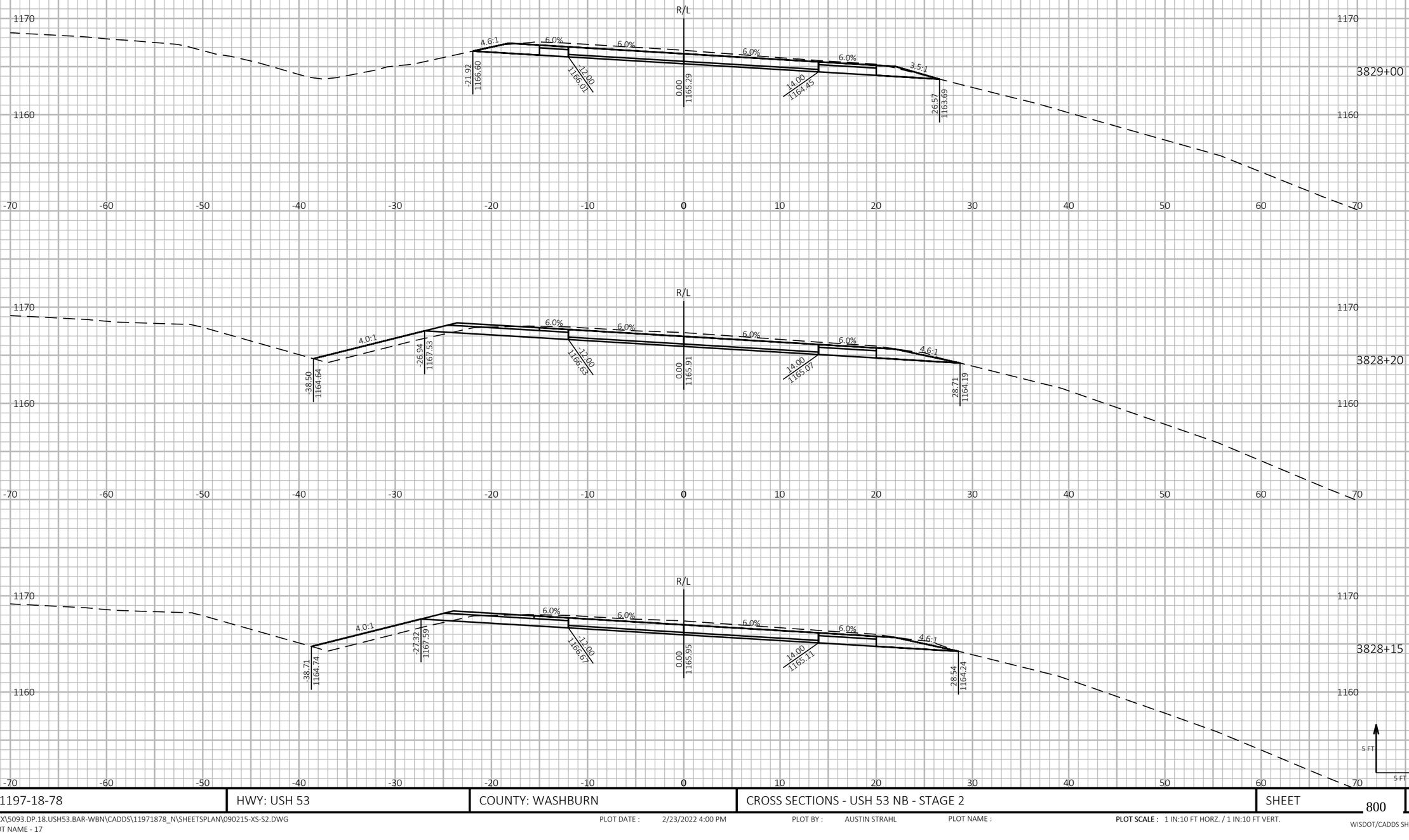
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 800	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 17

PLOT DATE : 2/23/2022 4:00 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

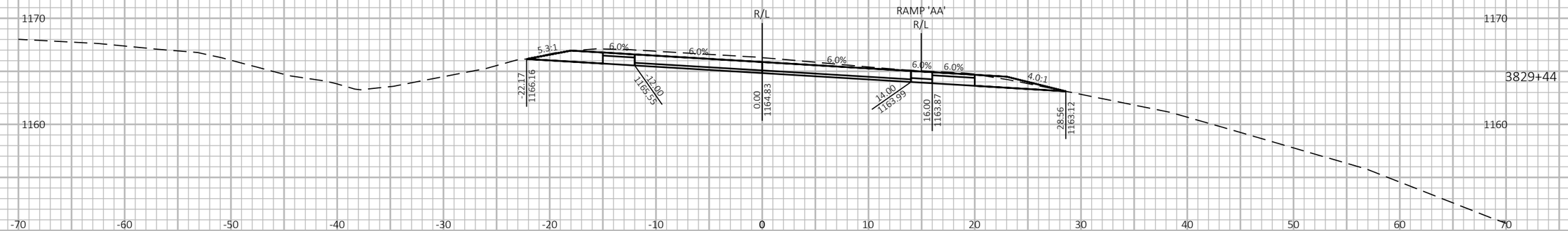
WISDOT/CADDS SHEET 49

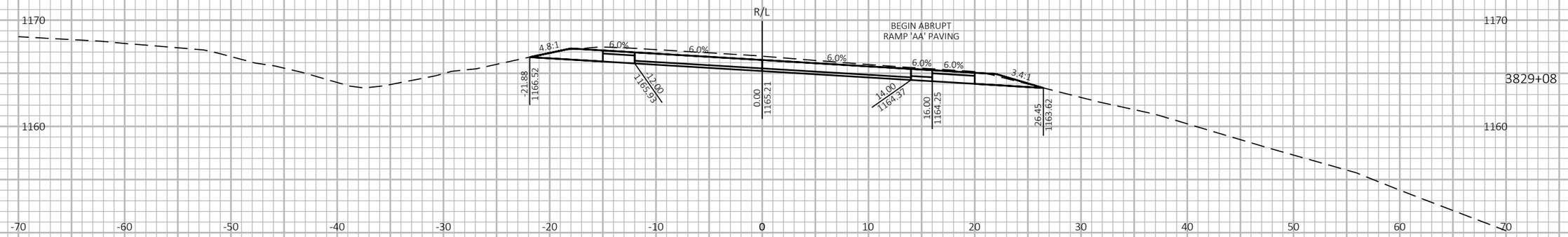
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 801	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 18

PLOT DATE : 2/23/2022 4:00 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

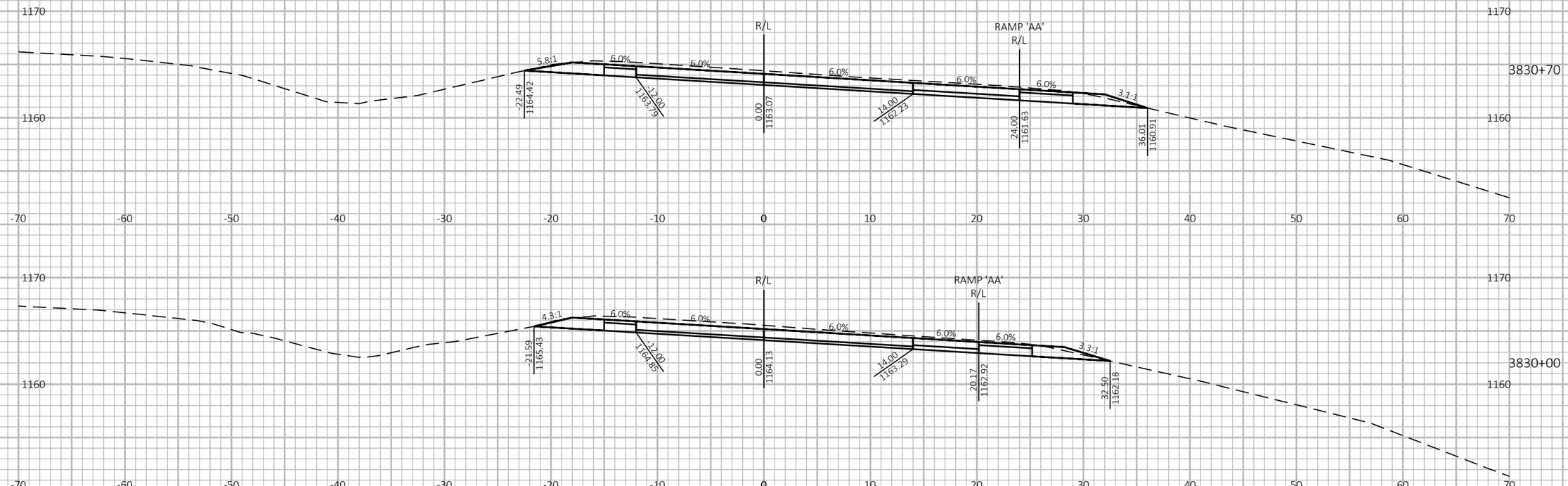
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 802	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 19

PLOT DATE : 2/23/2022 4:01 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

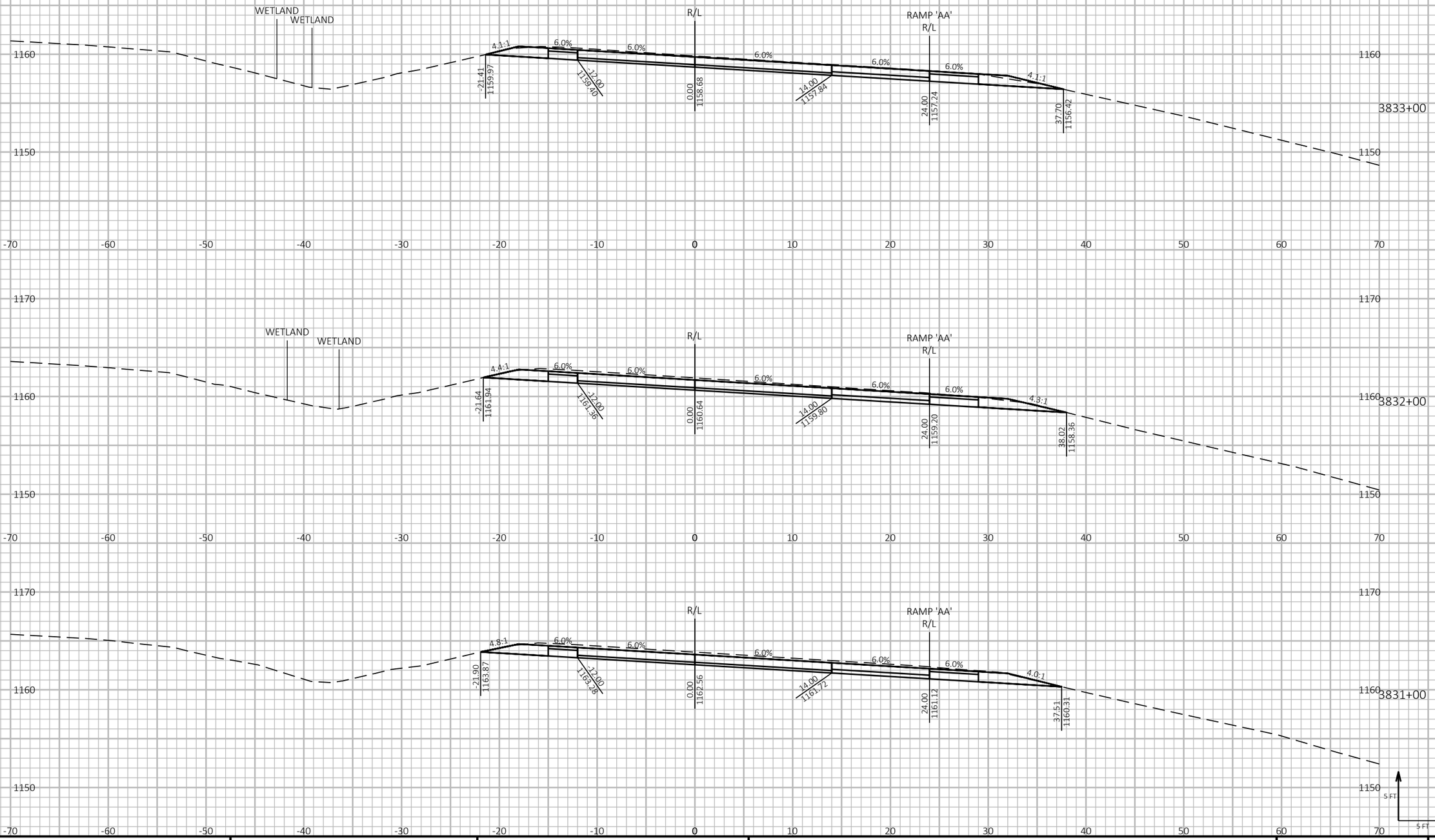
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 803	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 20

PLOT DATE : 2/23/2022 4:01 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

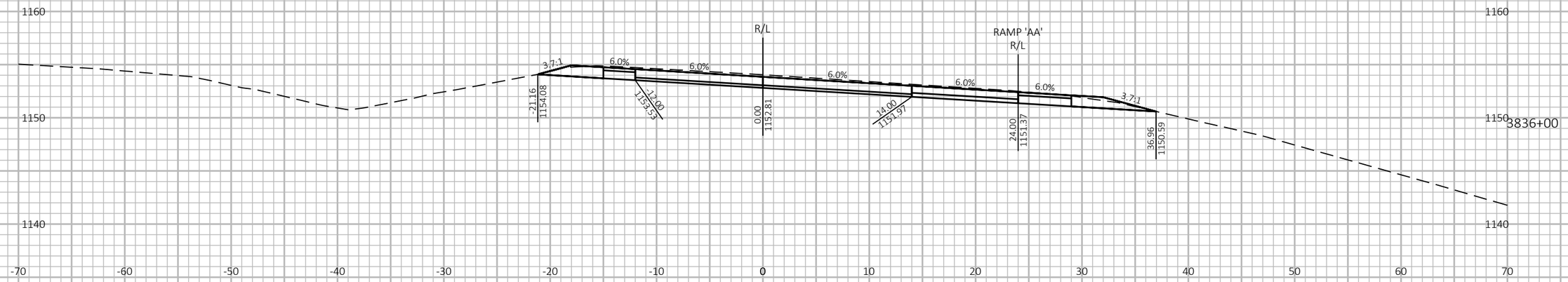
WISDOT/CADDS SHEET 49

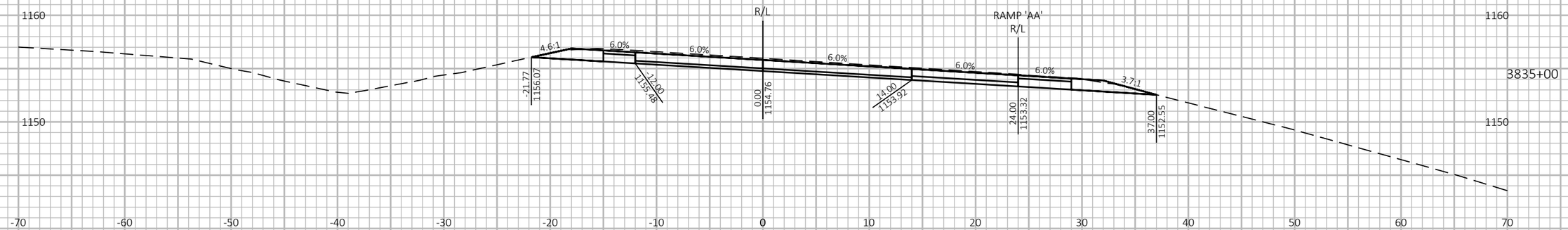
LEGEND

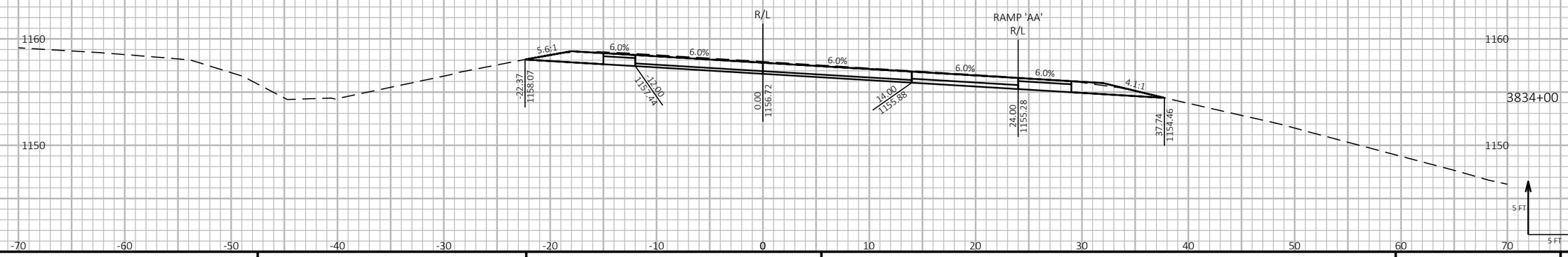
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 804	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 21

PLOT DATE : 2/23/2022 4:01 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

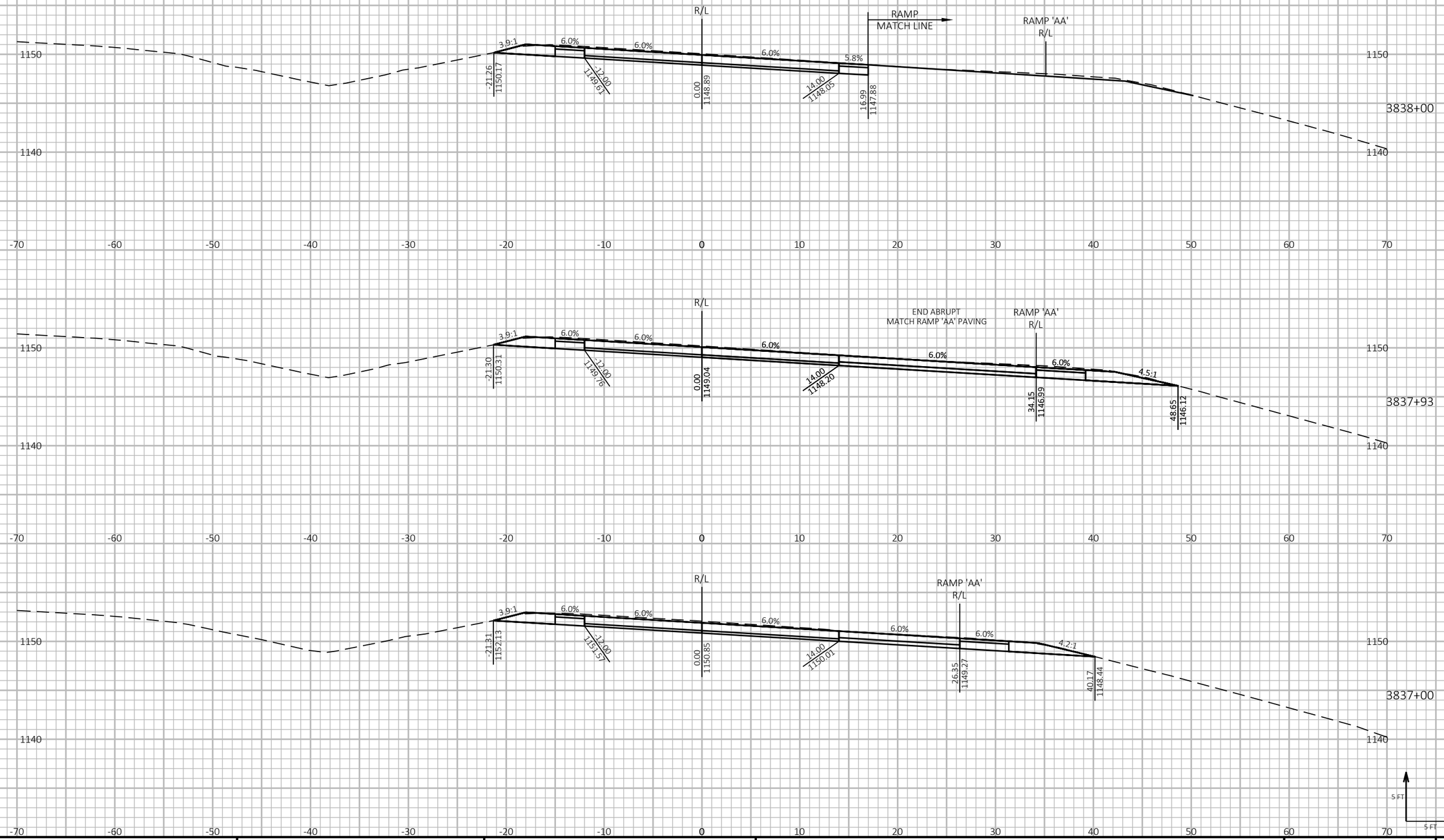
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 805	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 22

PLOT DATE : 2/23/2022 4:02 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

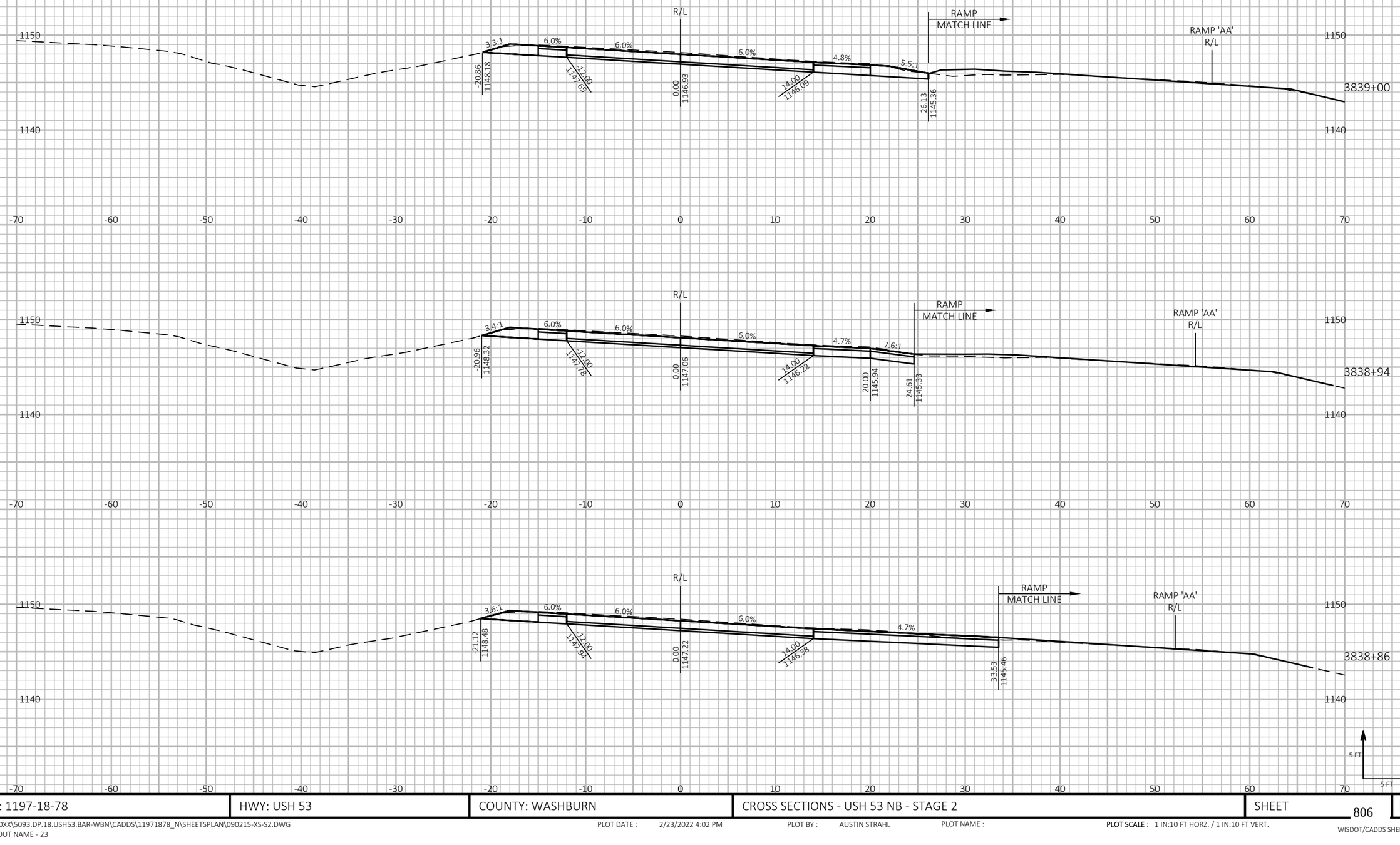
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 806	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 23

PLOT DATE : 2/23/2022 4:02 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

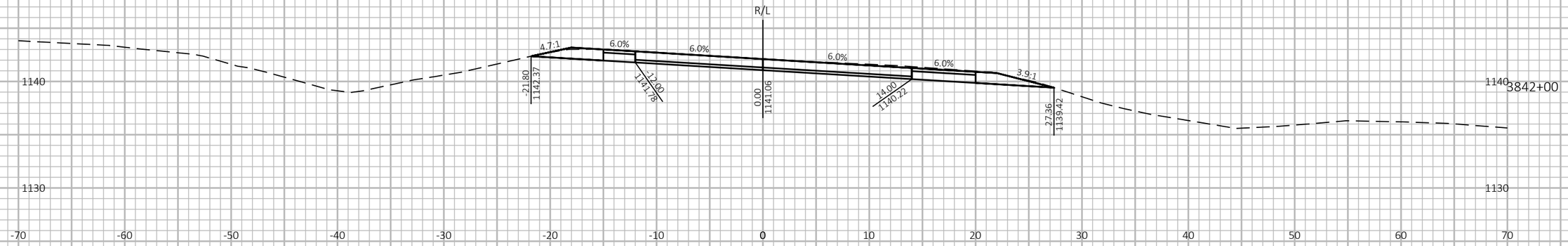
WISDOT/CADDS SHEET 49

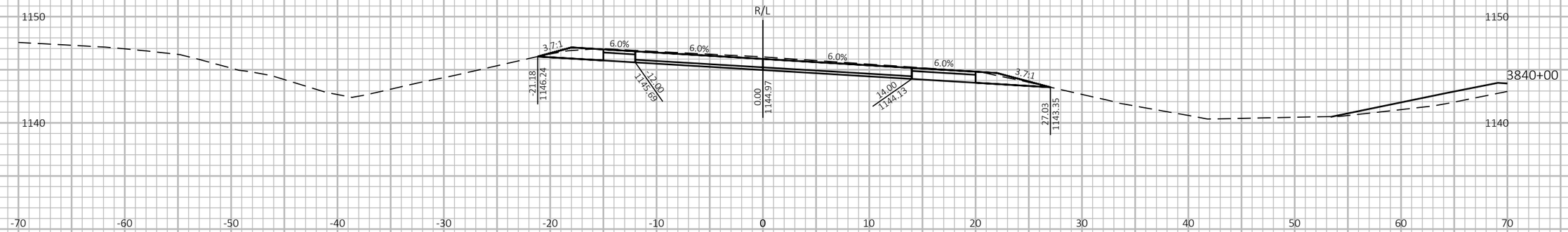
LEGEND

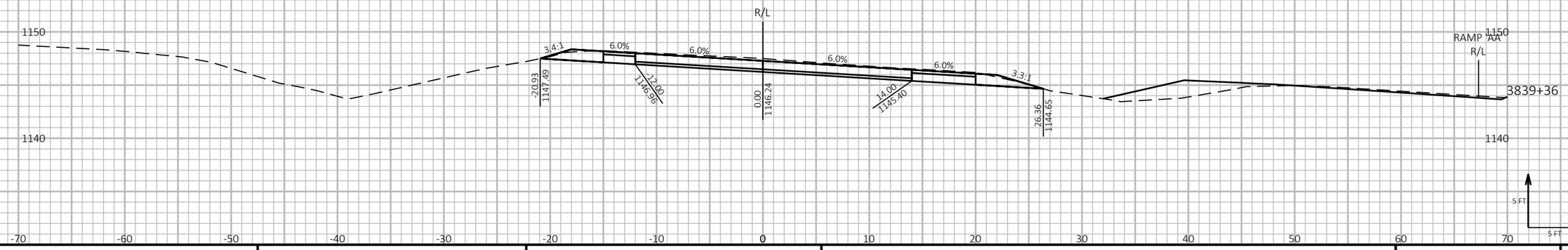
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 807	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 24

PLOT DATE : 2/23/2022 4:02 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

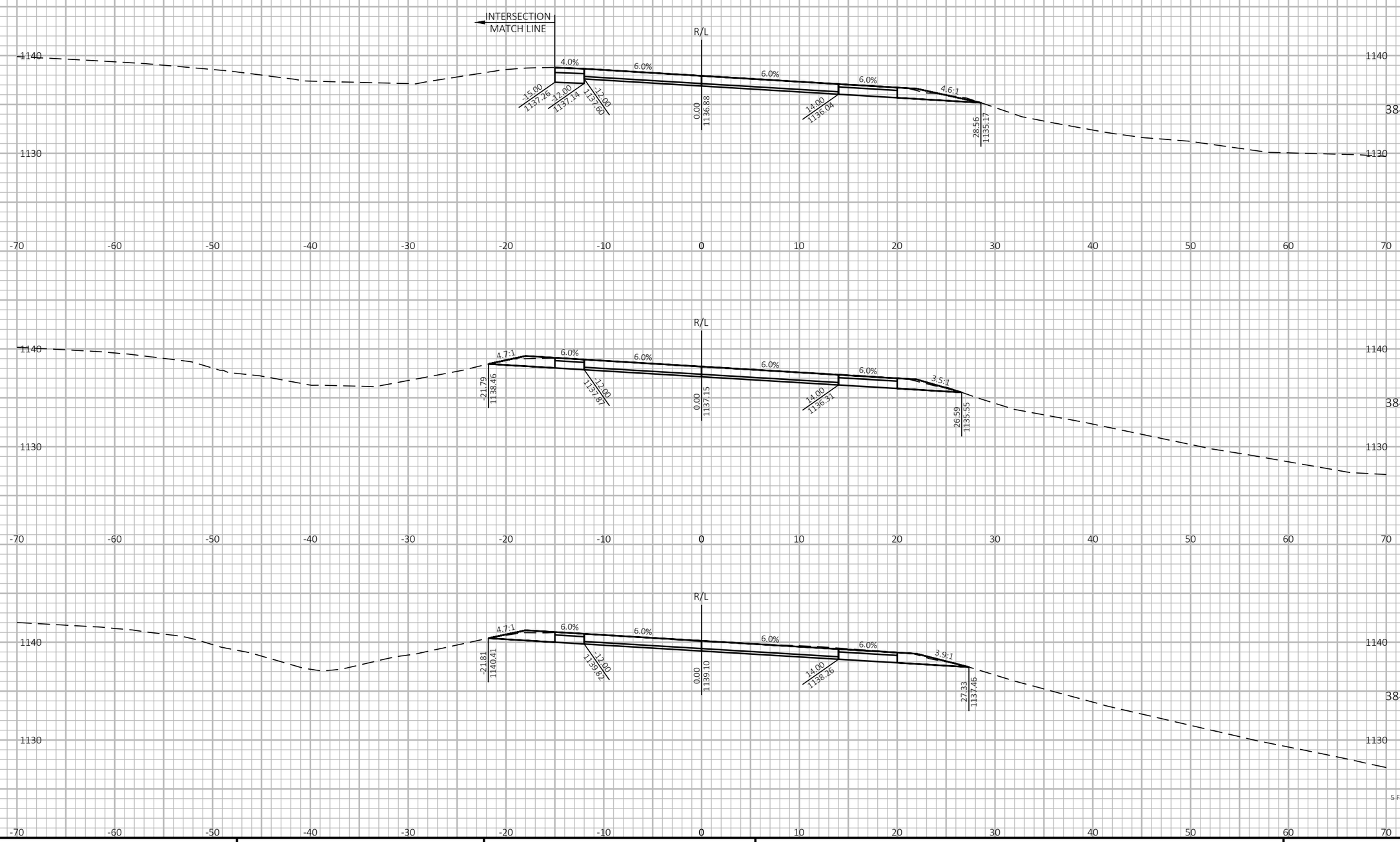
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 808	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 25

PLOT DATE : 2/23/2022 4:03 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

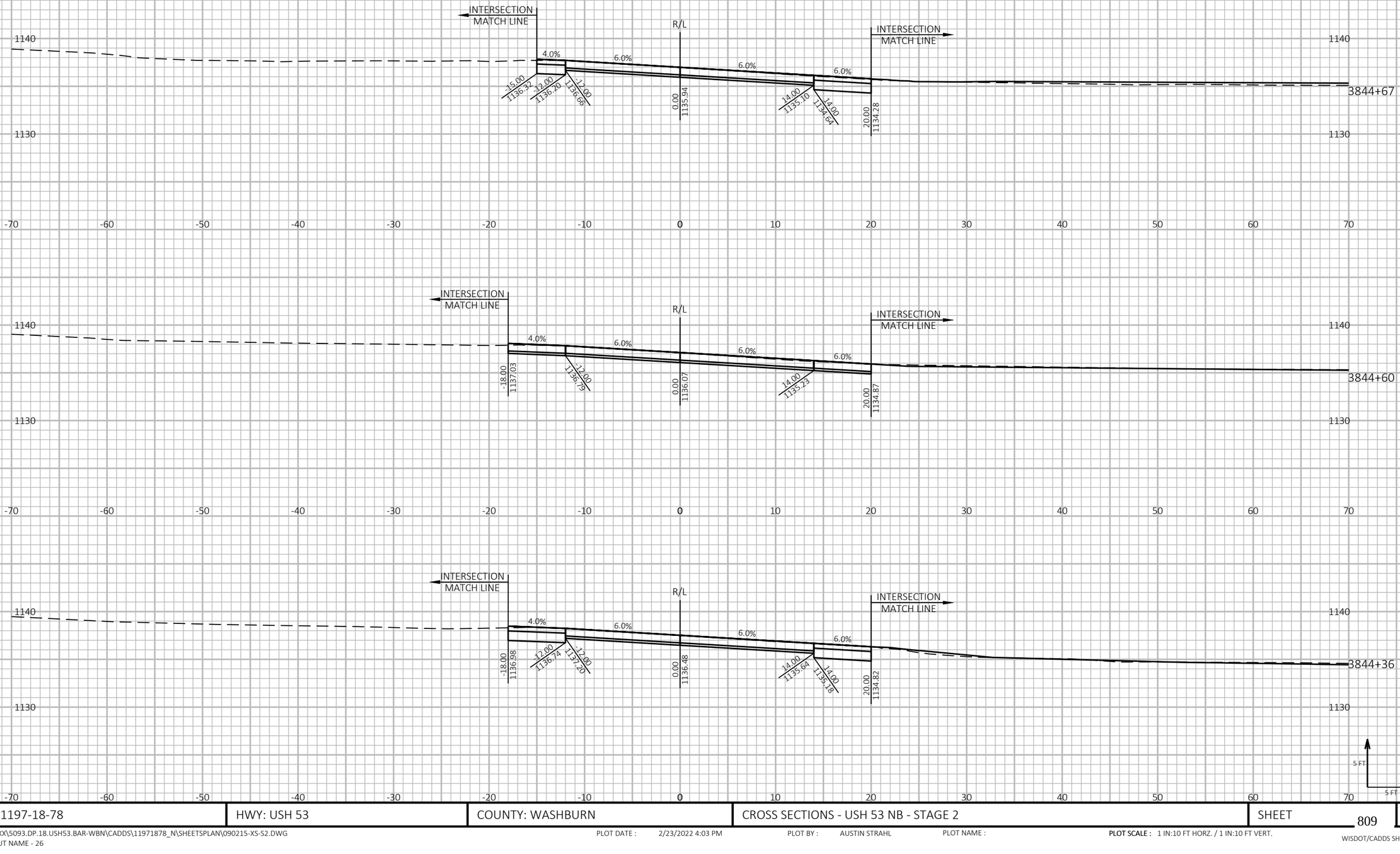
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 809	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 26

PLOT DATE : 2/23/2022 4:03 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

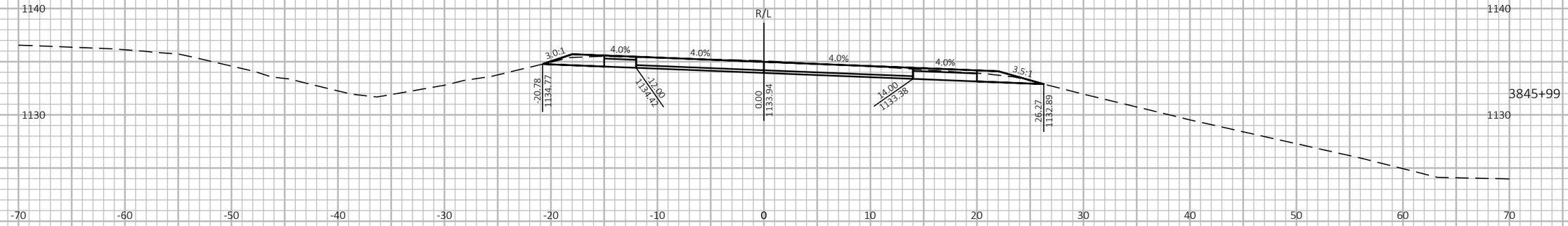
WISDOT/CADDS SHEET 49

LEGEND

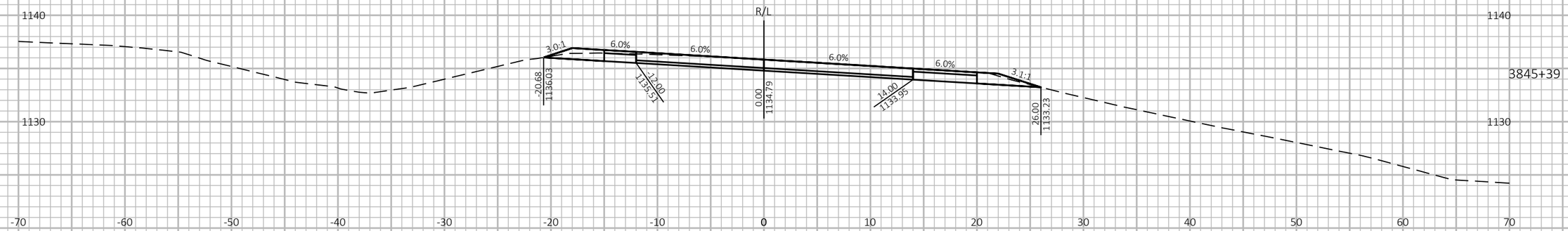
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

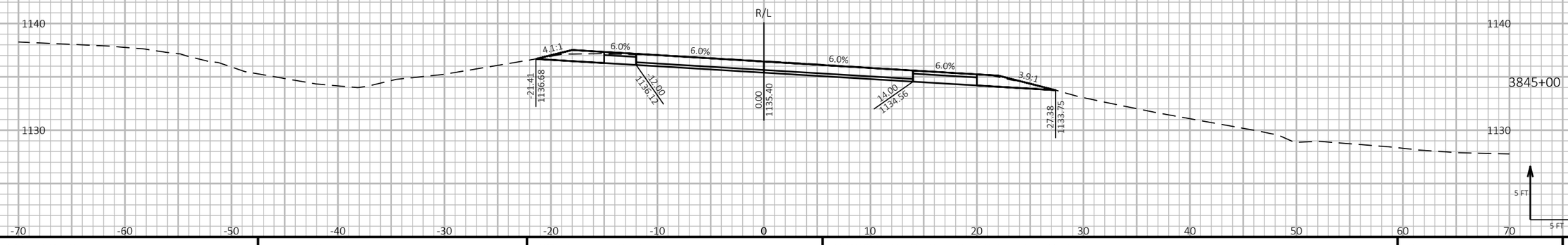
STAGE 2 CONSTRUCTION



3845+99



3845+39



3845+00

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 810	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 27

PLOT DATE : 2/23/2022 4:03 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

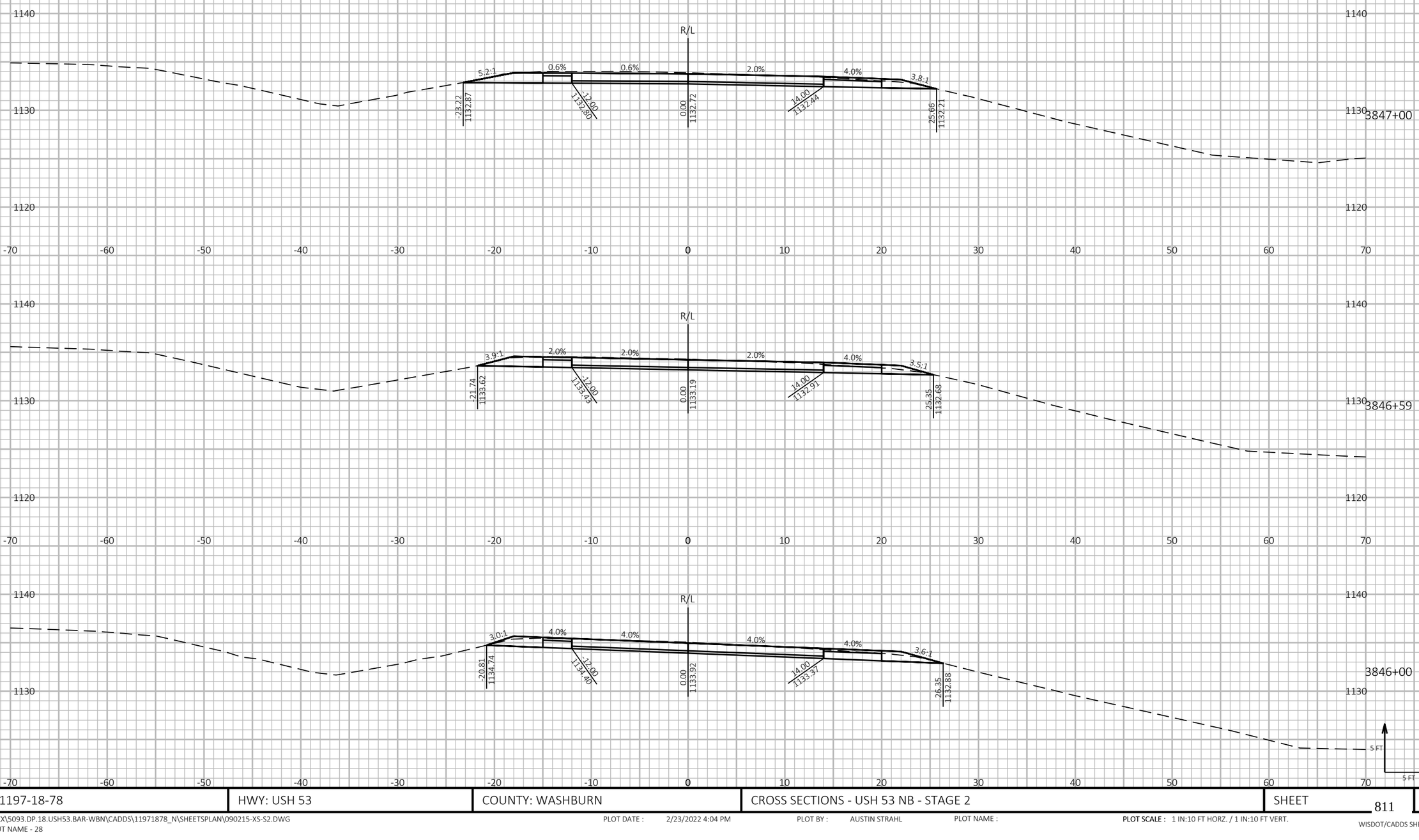
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 811	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 28

PLOT DATE : 2/23/2022 4:04 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

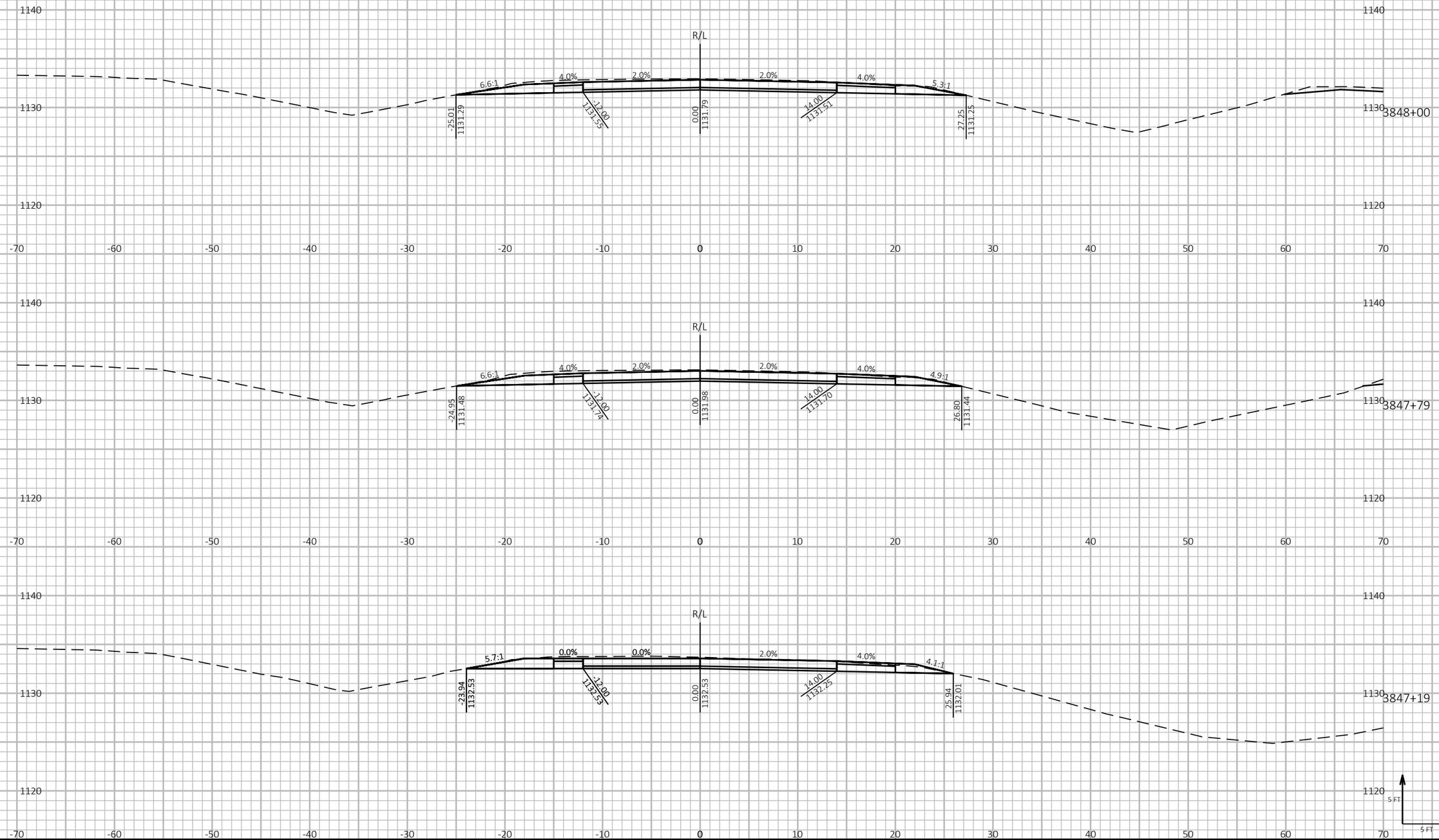
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 812	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 29

PLOT DATE : 2/23/2022 4:04 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

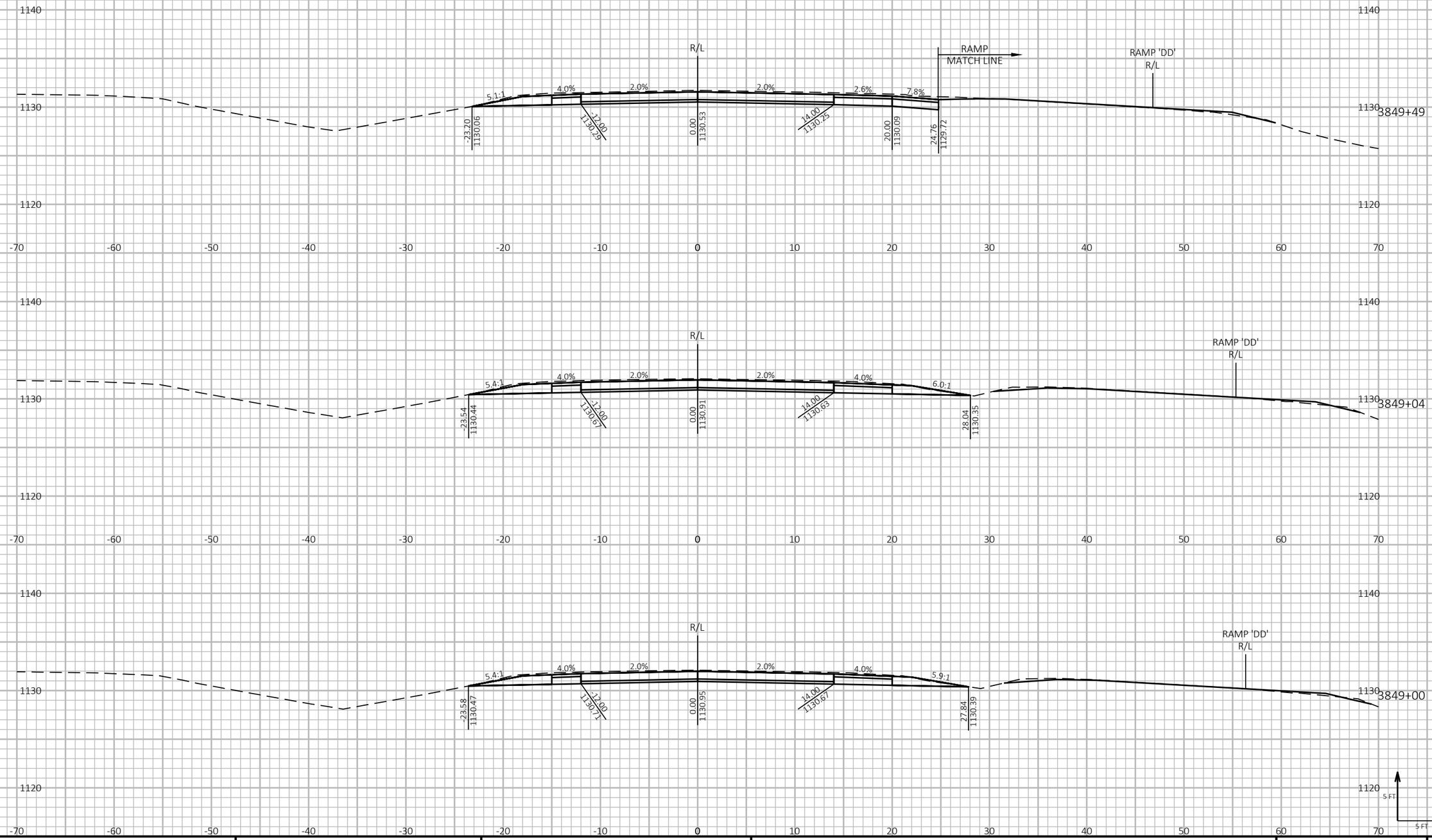
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 813	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 30

PLOT DATE : 2/23/2022 4:04 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

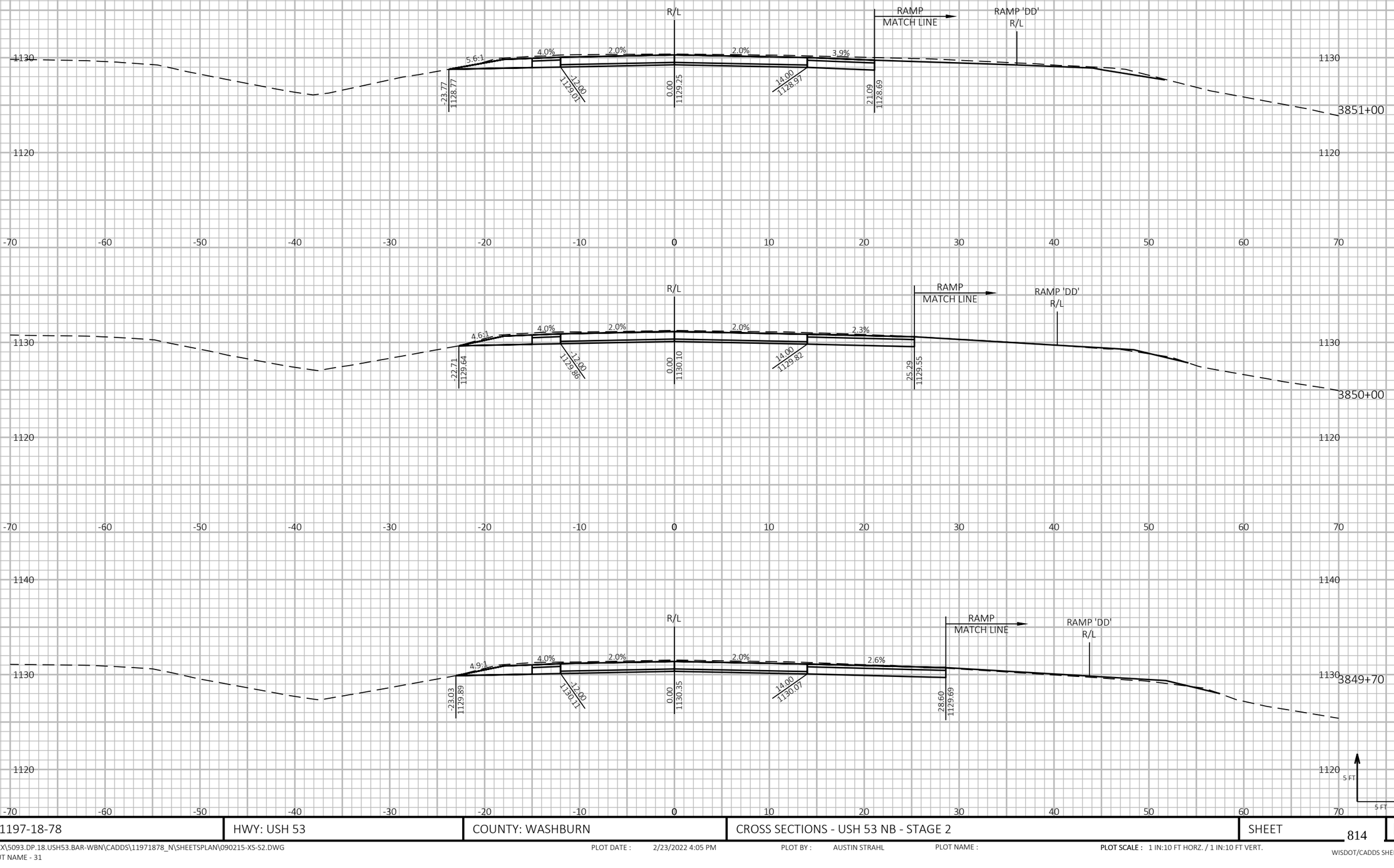
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 814	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 31

PLOT DATE : 2/23/2022 4:05 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

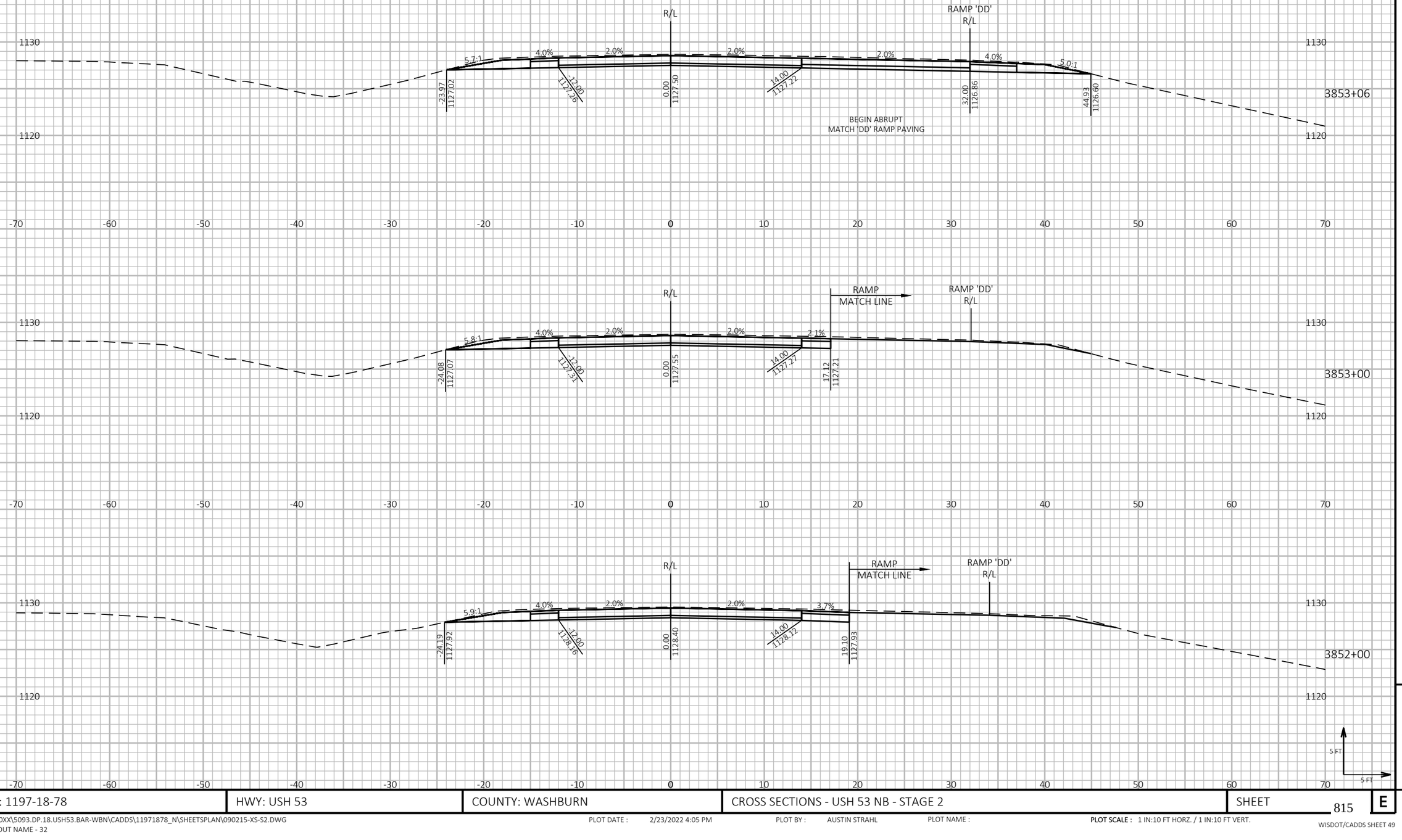
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 815	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 32

PLOT DATE : 2/23/2022 4:05 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

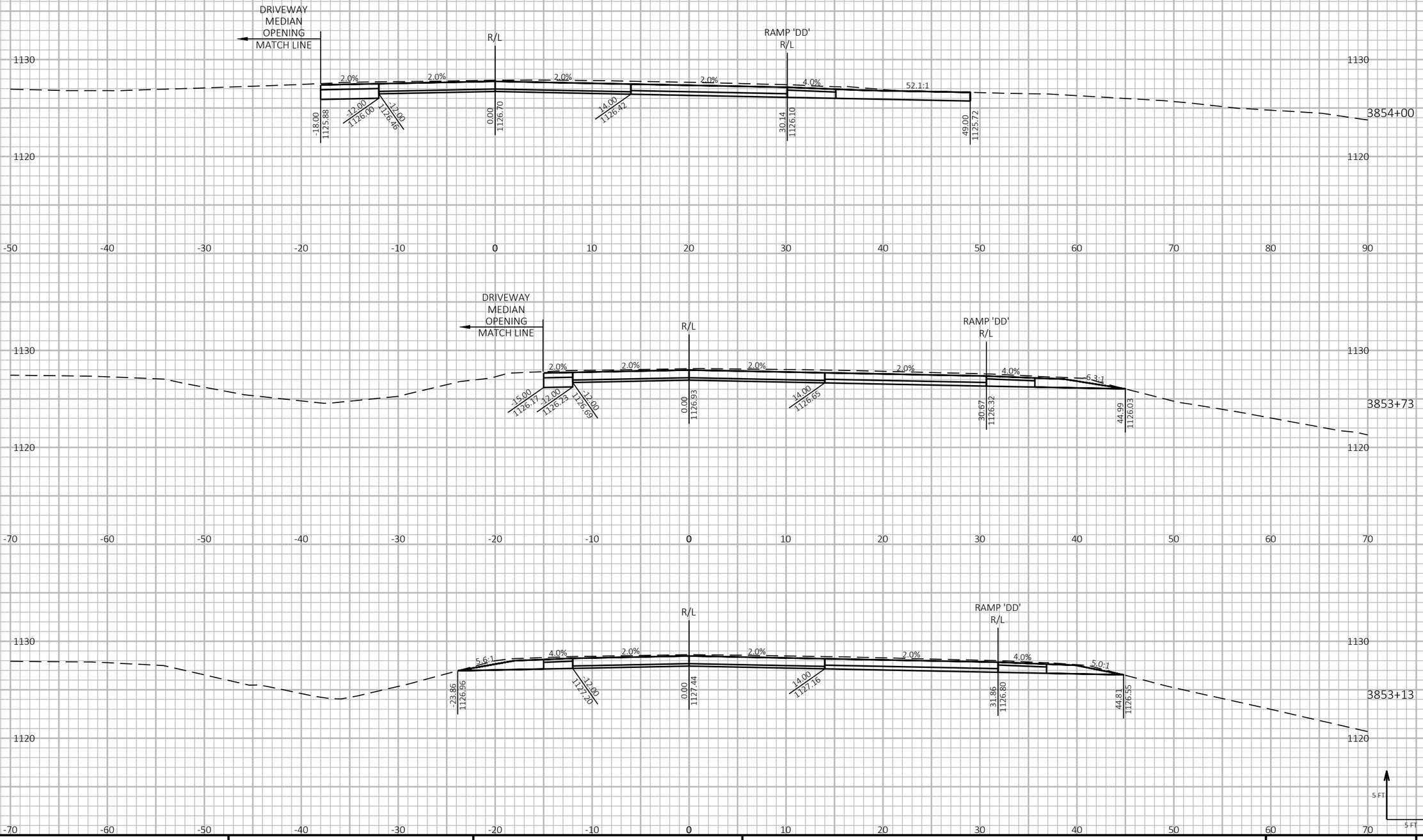
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 816	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 33

PLOT DATE : 2/23/2022 4:05 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

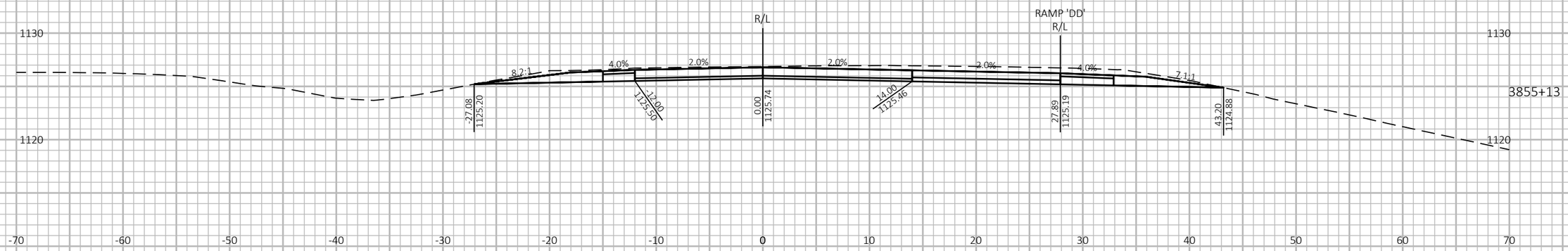
WISDOT/CADDS SHEET 49

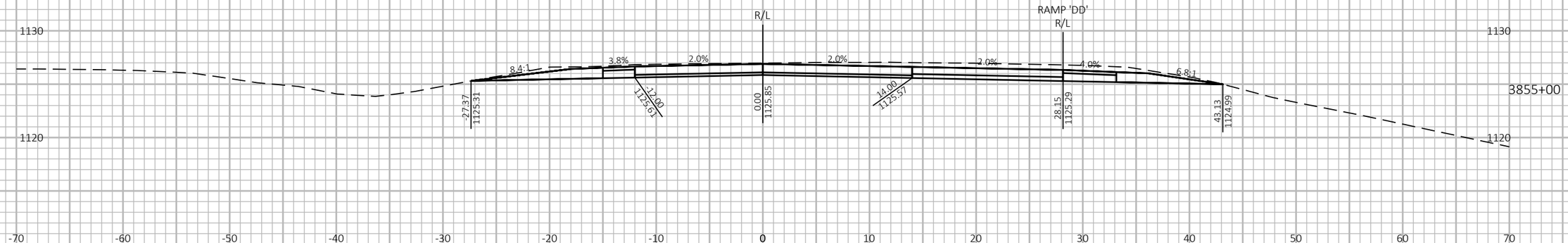
LEGEND

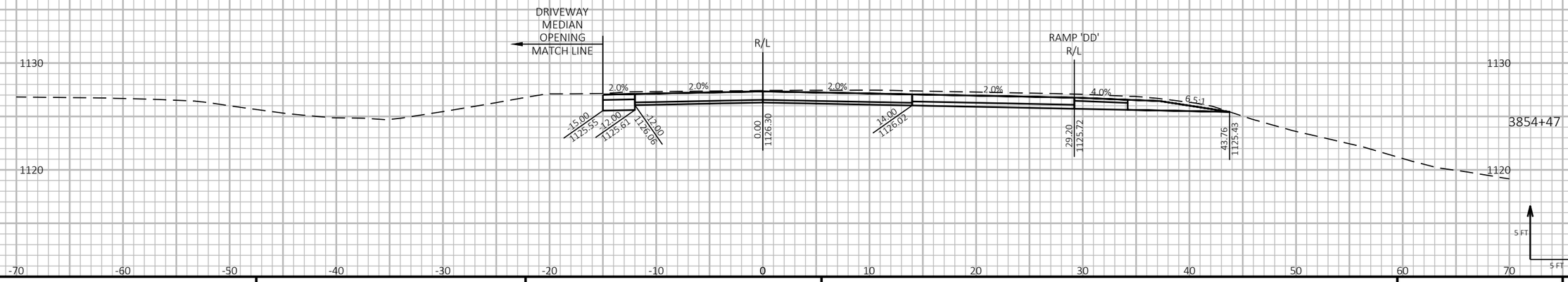
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

5 FT

5 FT

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 817	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 34

PLOT DATE : 2/23/2022 4:06 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

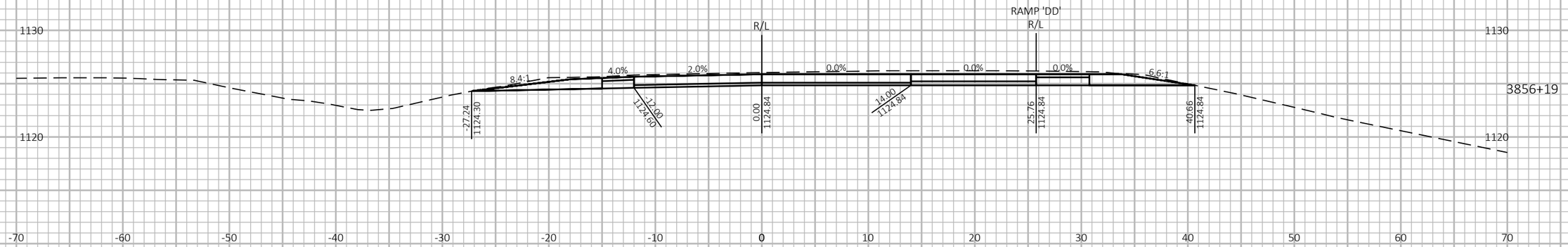
WISDOT/CADDS SHEET 49

LEGEND

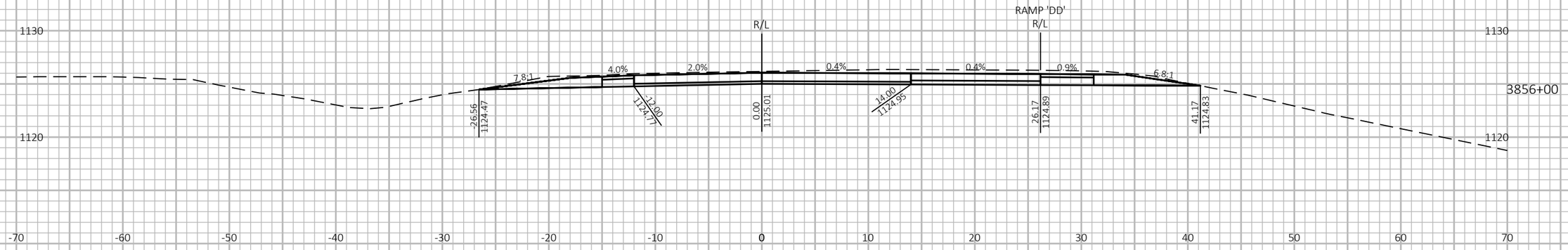
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

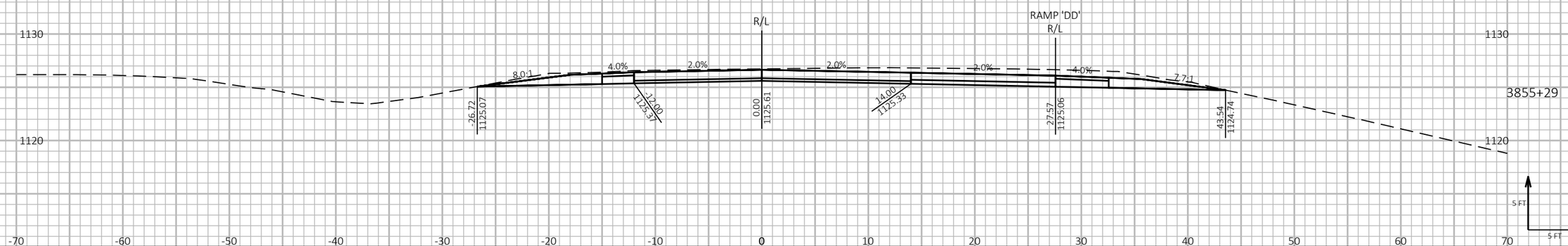
STAGE 2 CONSTRUCTION



3856+19



3856+00



3855+29

5 FT

5 FT

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 818	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 35

PLOT DATE : 2/23/2022 4:06 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

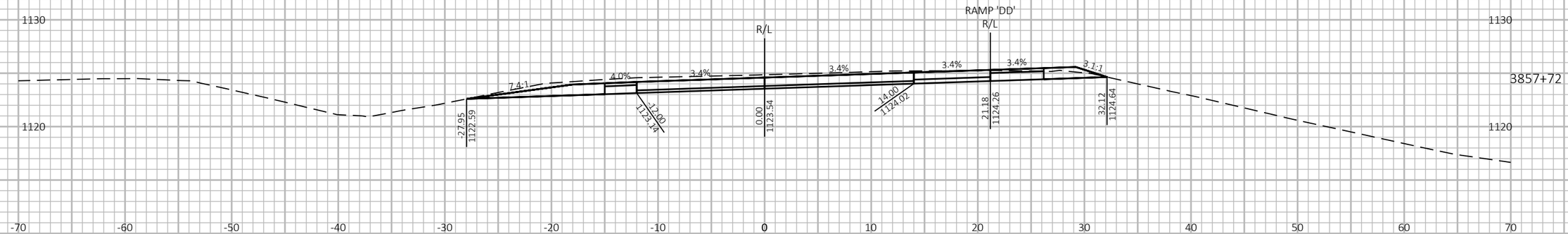
WISDOT/CADDS SHEET 49

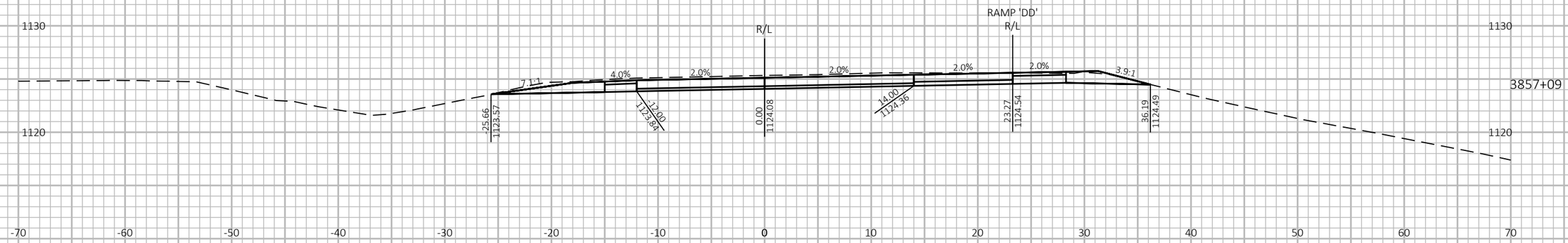
LEGEND

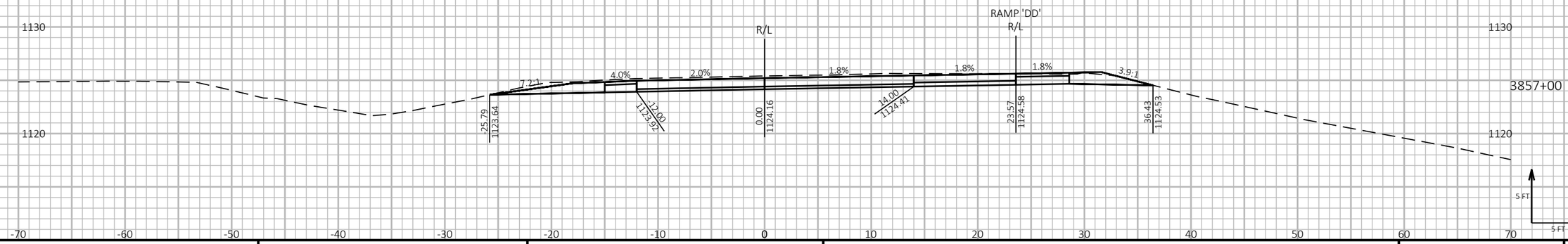
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 819	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 36

PLOT DATE : 2/23/2022 4:06 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

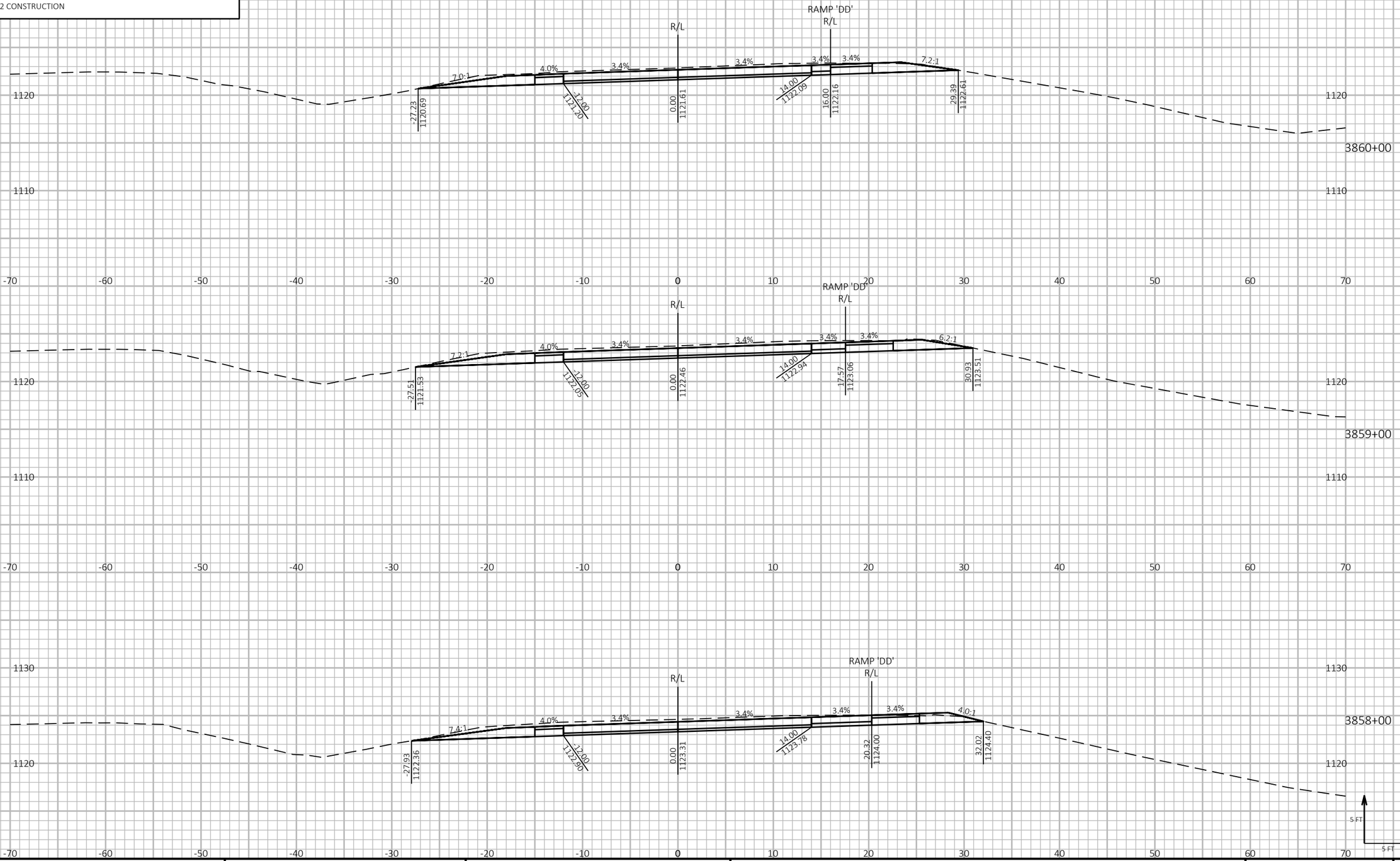
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 820	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 37

PLOT DATE : 2/23/2022 4:07 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

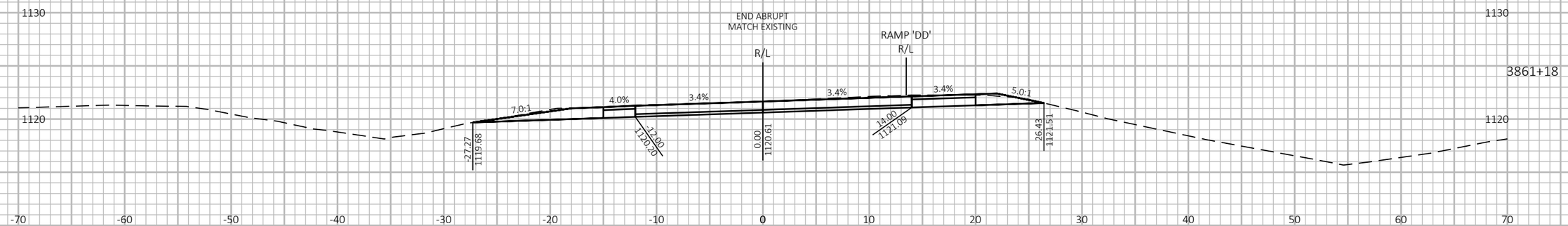
WISDOT/CADDS SHEET 49

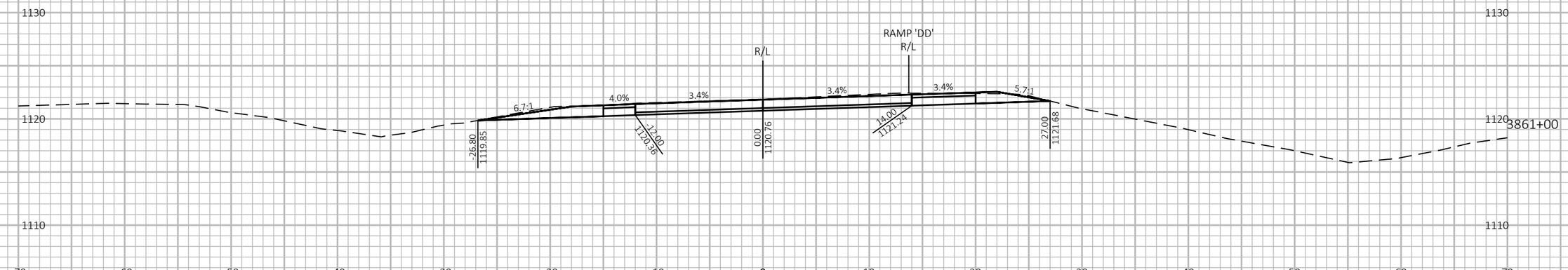
LEGEND

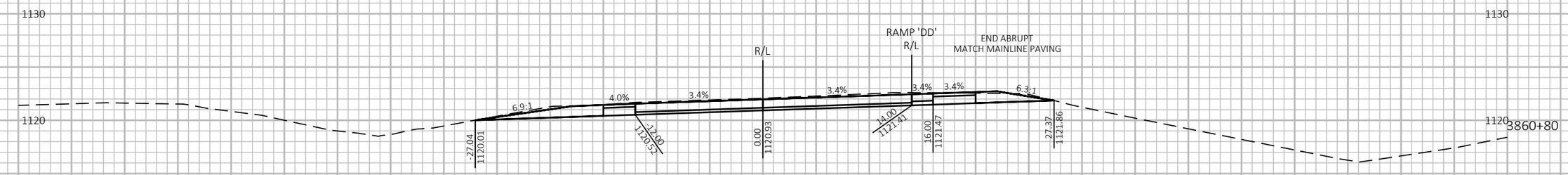
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 2	SHEET 821	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090215-XS-S2.DWG
LAYOUT NAME - 38

PLOT DATE : 2/23/2022 4:07 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

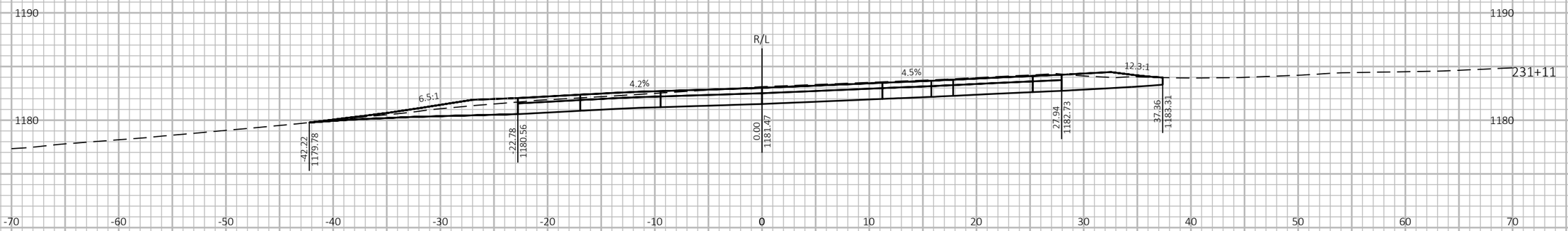
WISDOT/CADDS SHEET 49

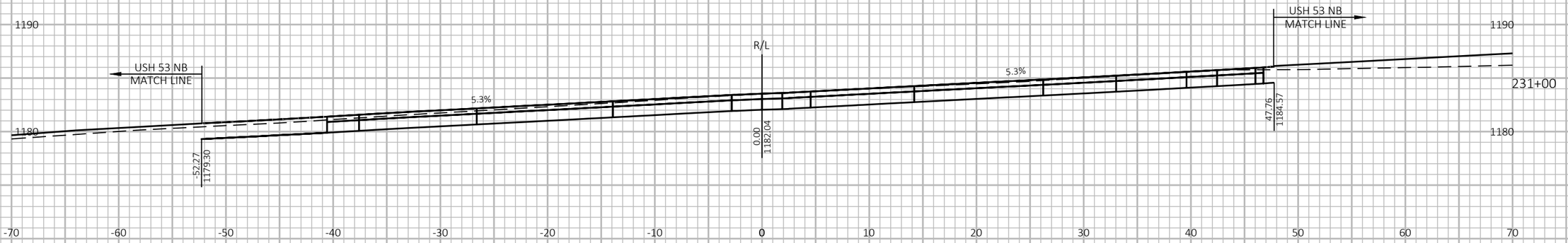
LEGEND

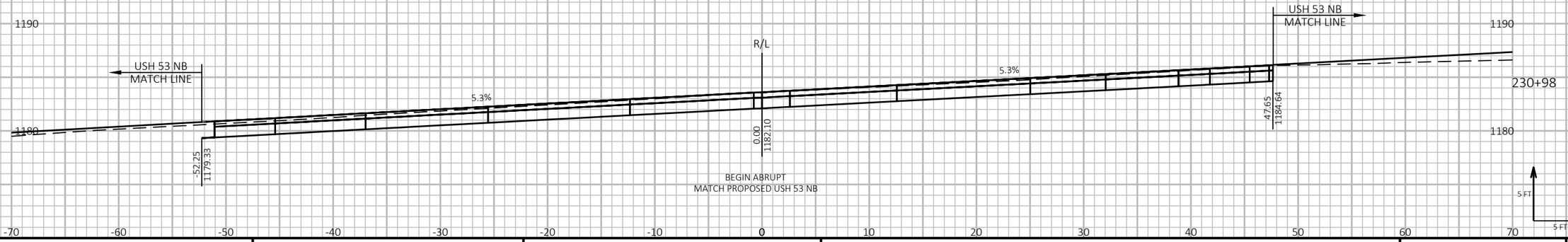
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - CRANBERRY DR (EAST) - STAGE 2	SHEET 822	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090216-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/22/2022 5:25 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

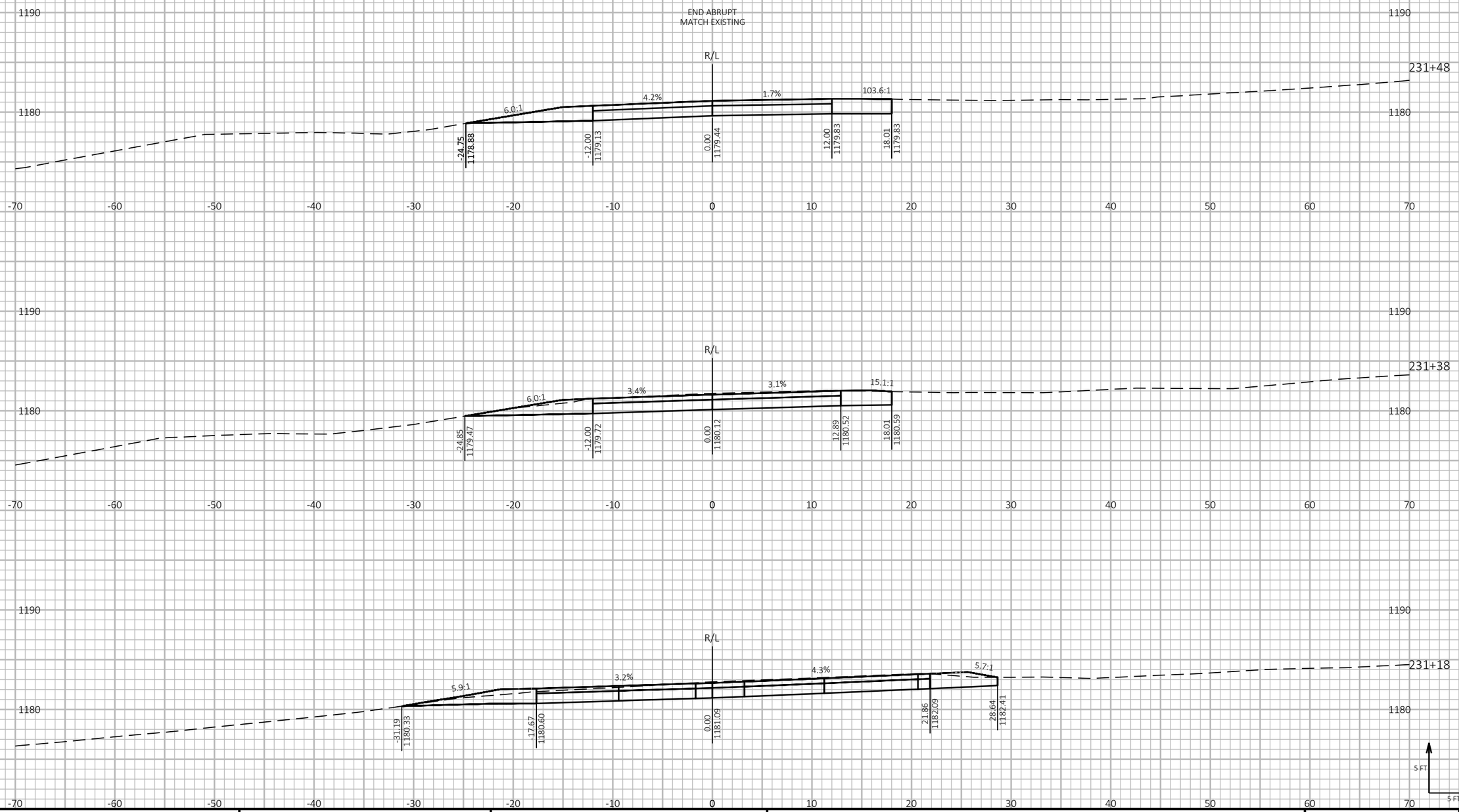
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - CRANBERRY DR (EAST) - STAGE 2	SHEET 823	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090216-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/22/2022 5:25 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

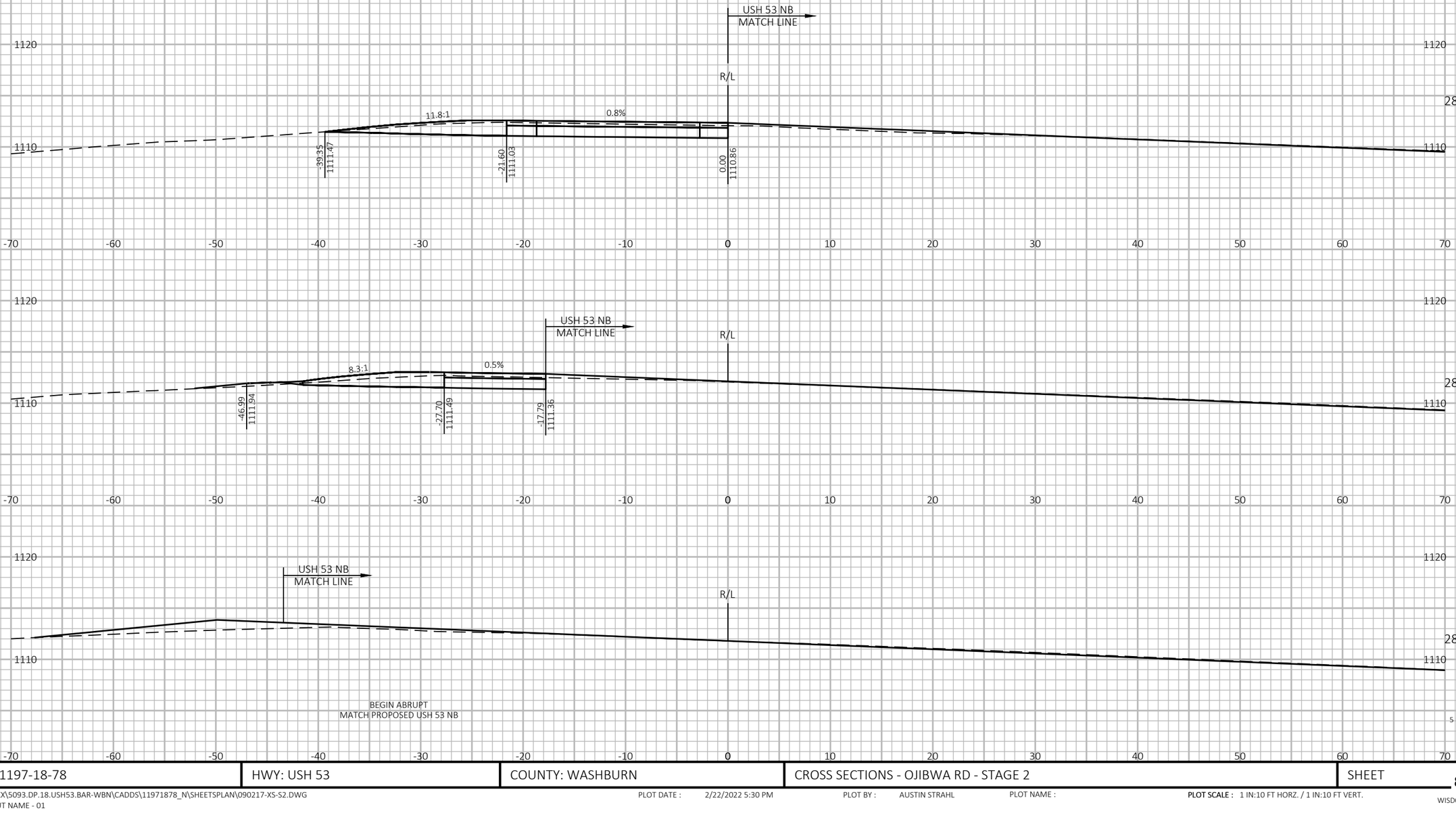
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - OJIBWA RD - STAGE 2	SHEET 824	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090217-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/22/2022 5:30 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

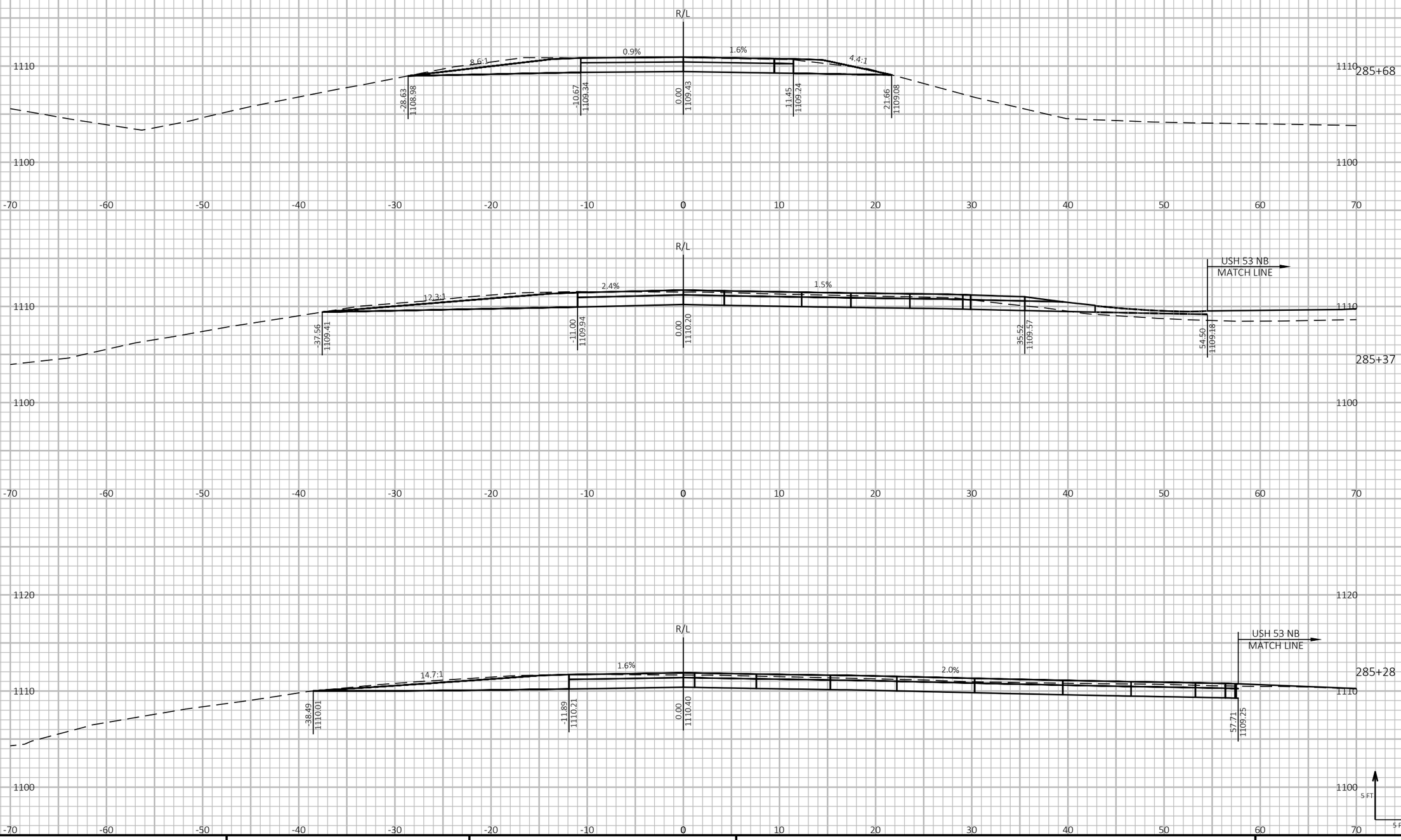
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - OJIBWA RD - STAGE 2	SHEET 825	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090217-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/22/2022 5:30 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

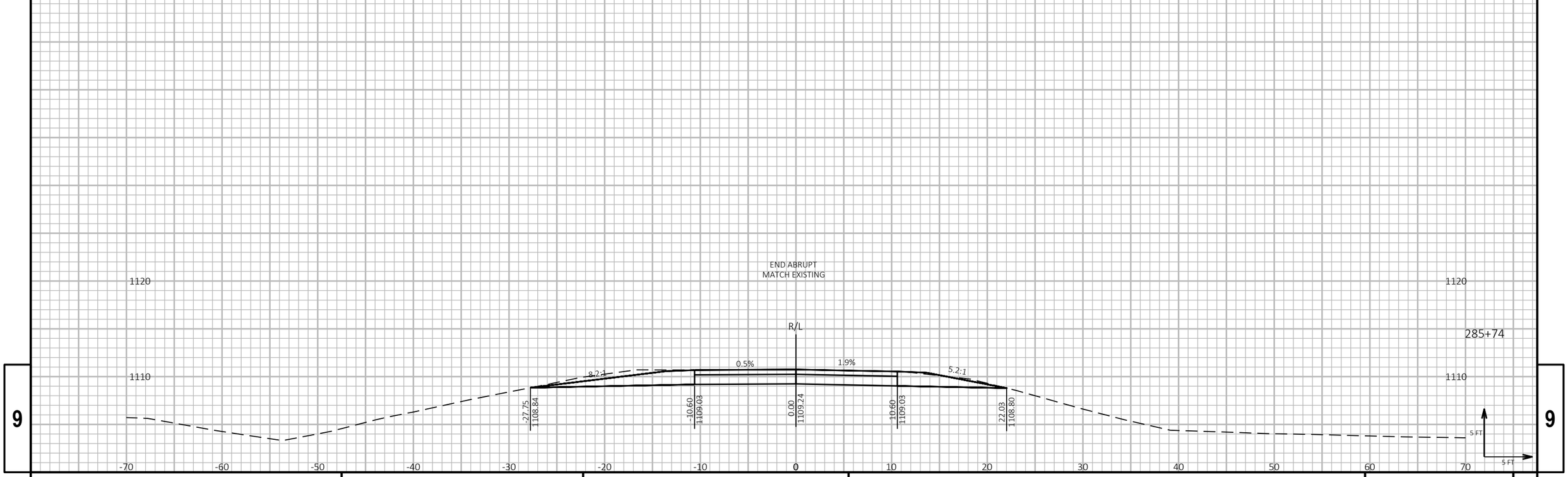
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - OJIBWA RD - STAGE 2	SHEET 826	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090217-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/22/2022 5:30 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

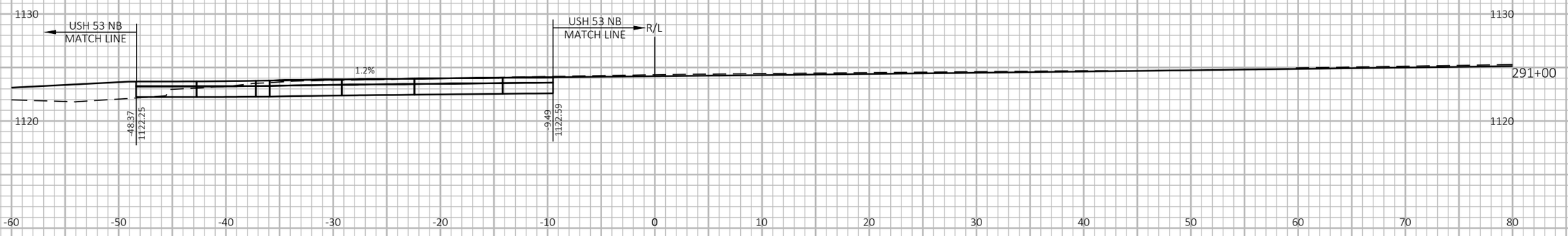
LEGEND

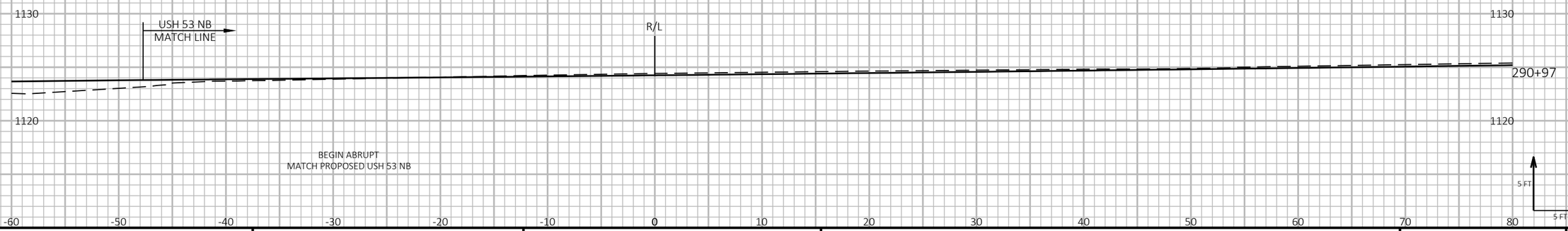
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - BITTERSWEET DR - STAGE 2	SHEET 827	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090218-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/22/2022 6:05 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

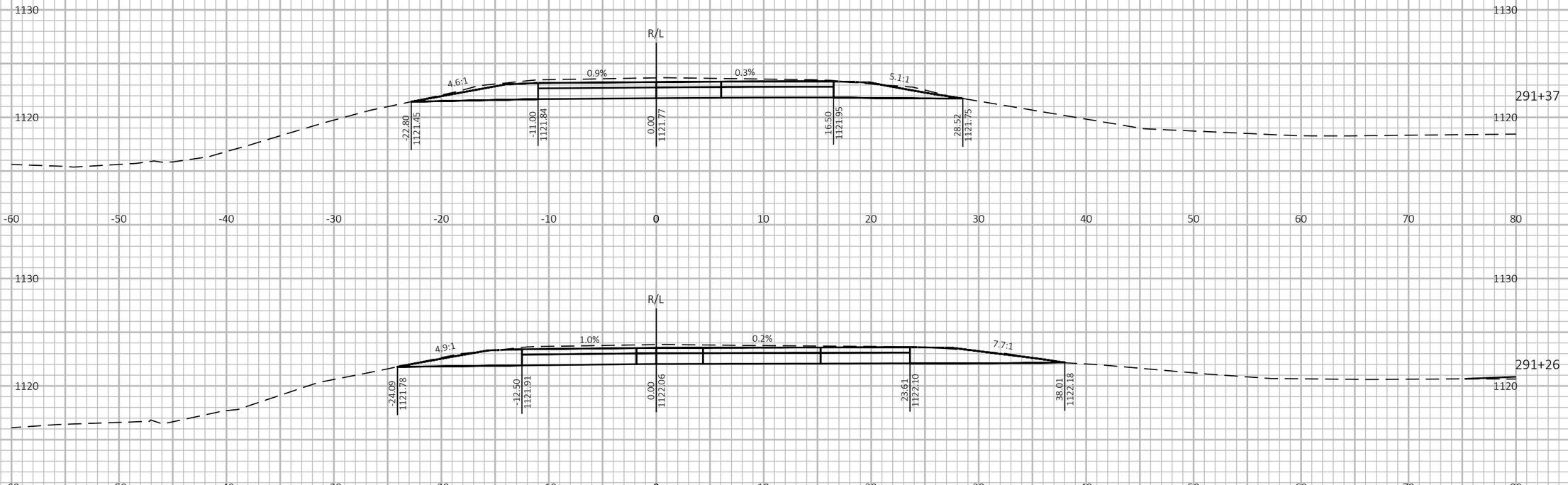
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - BITTERSWEET DR - STAGE 2	SHEET 828	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090218-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/22/2022 6:06 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

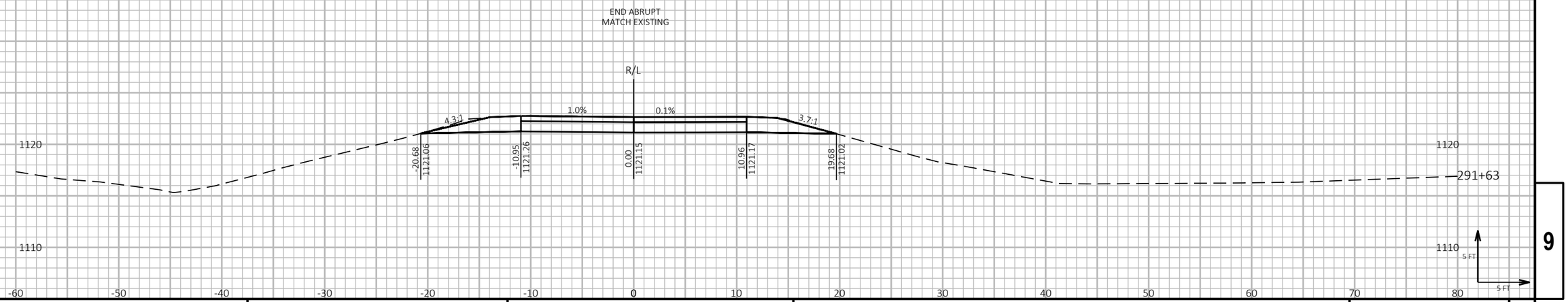
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - BITTERSWEET DR - STAGE 2	SHEET 829	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090218-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/22/2022 6:06 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

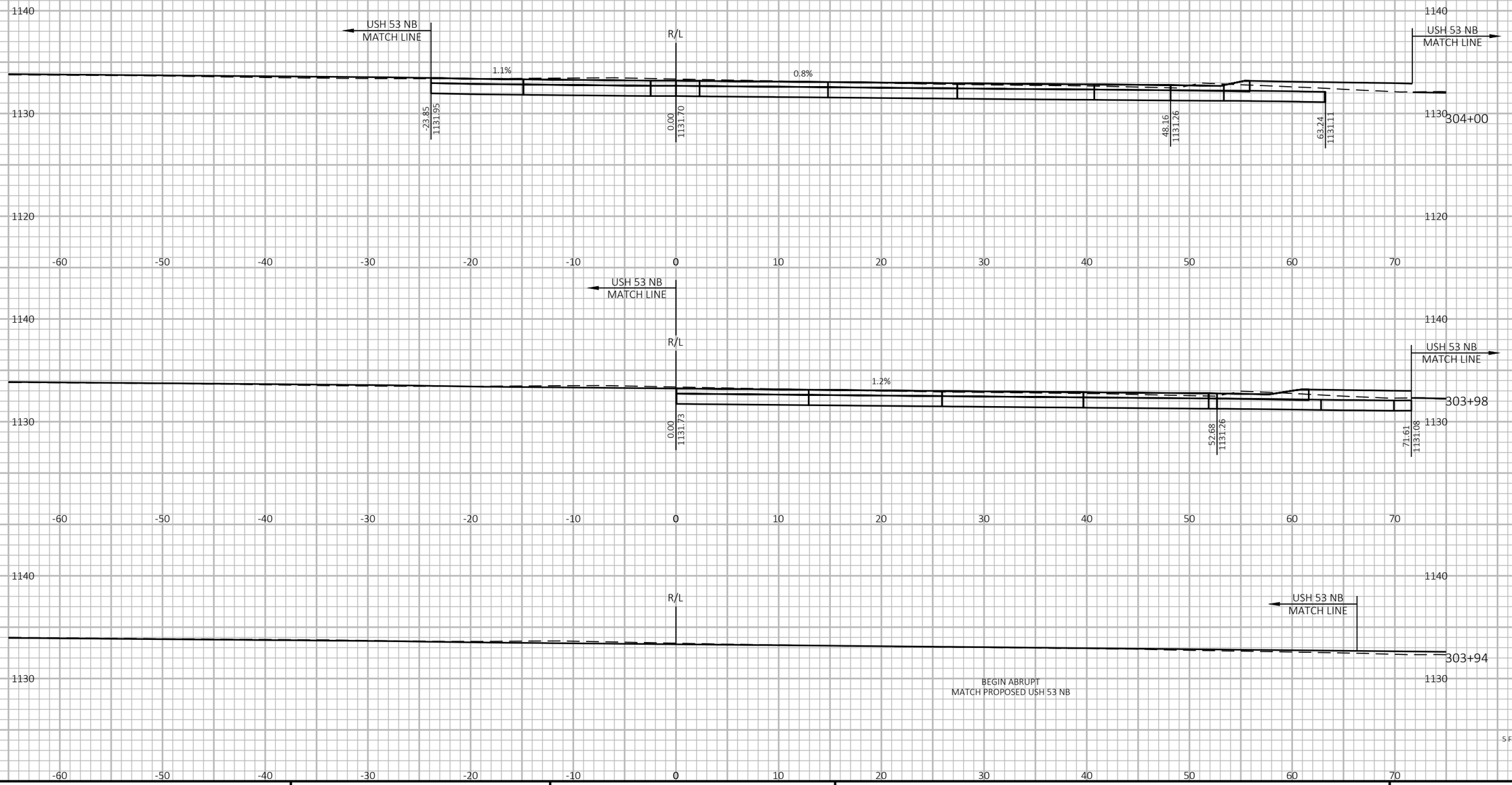
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - CTH H - STAGE 2	SHEET 830	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090219-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/22/2022 6:14 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

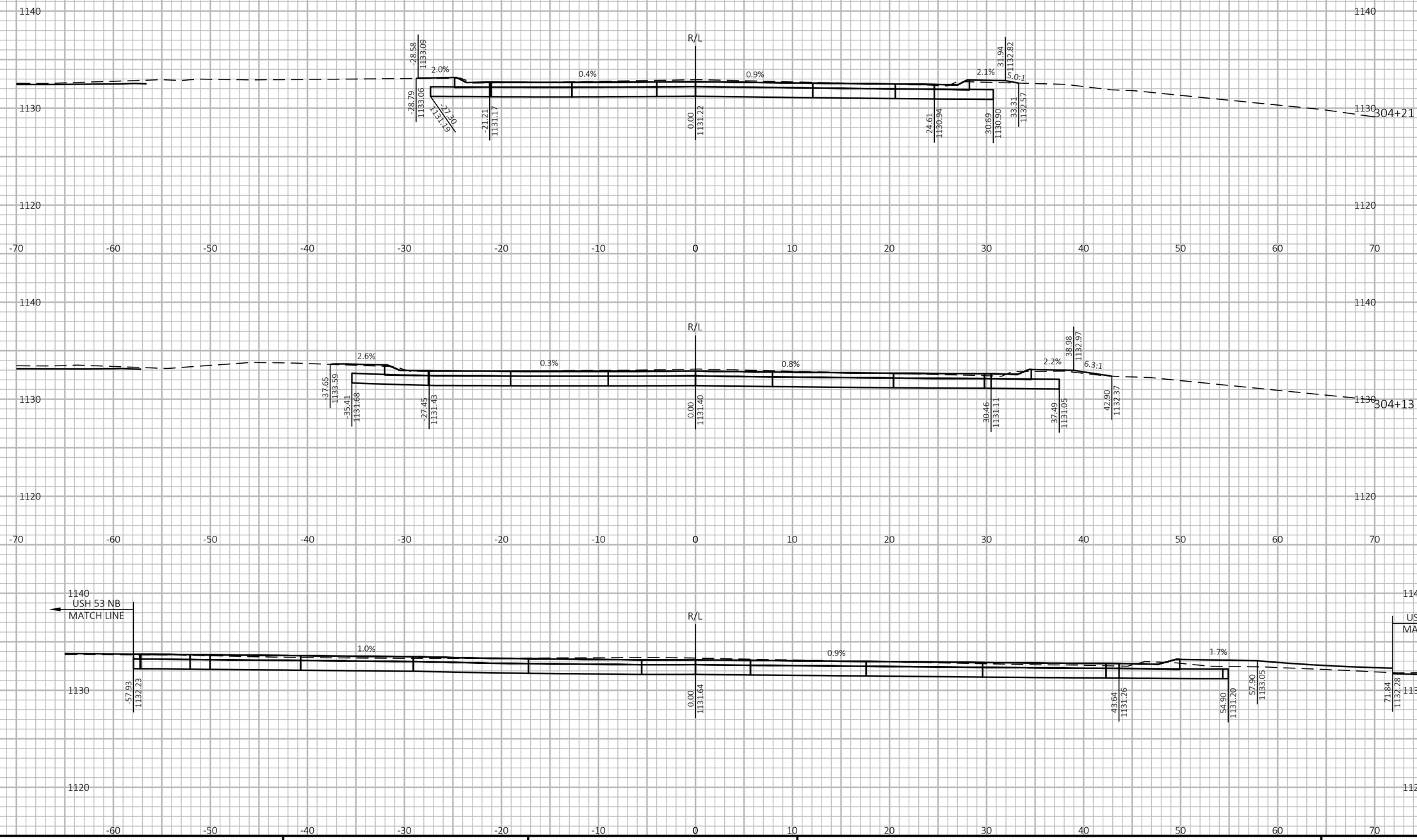
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - CTH H - STAGE 2	SHEET 831	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090219-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/22/2022 6:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

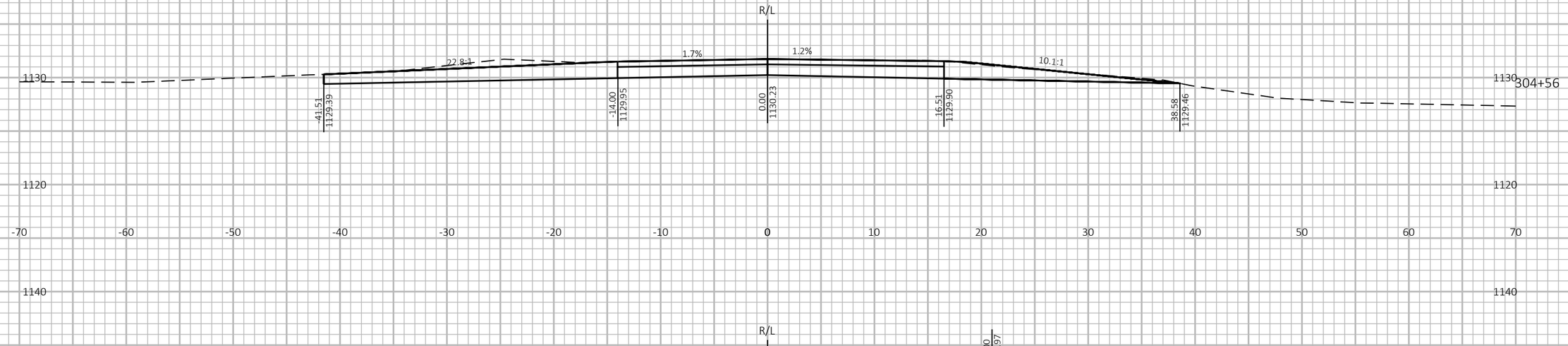
LEGEND

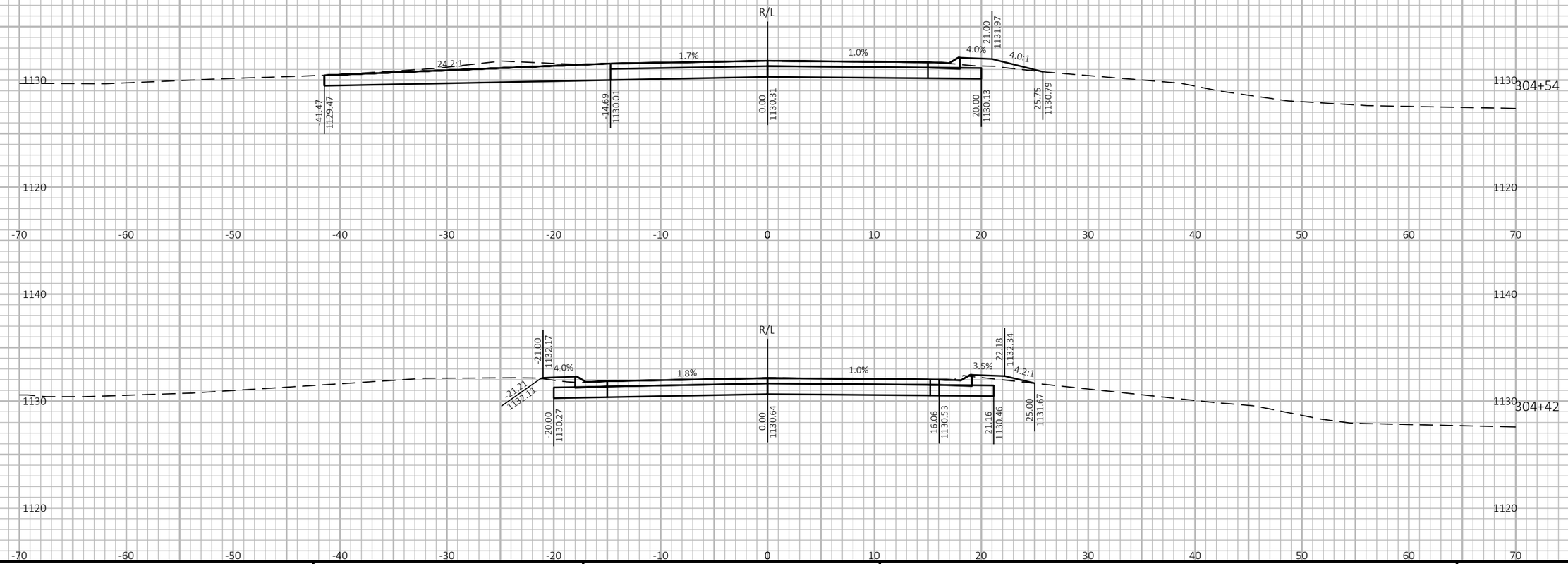
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

END ABRUPT
MATCH EXISTING





5 FT

5 FT

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - CTH H - STAGE 2	SHEET 832	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090219-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/22/2022 6:14 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

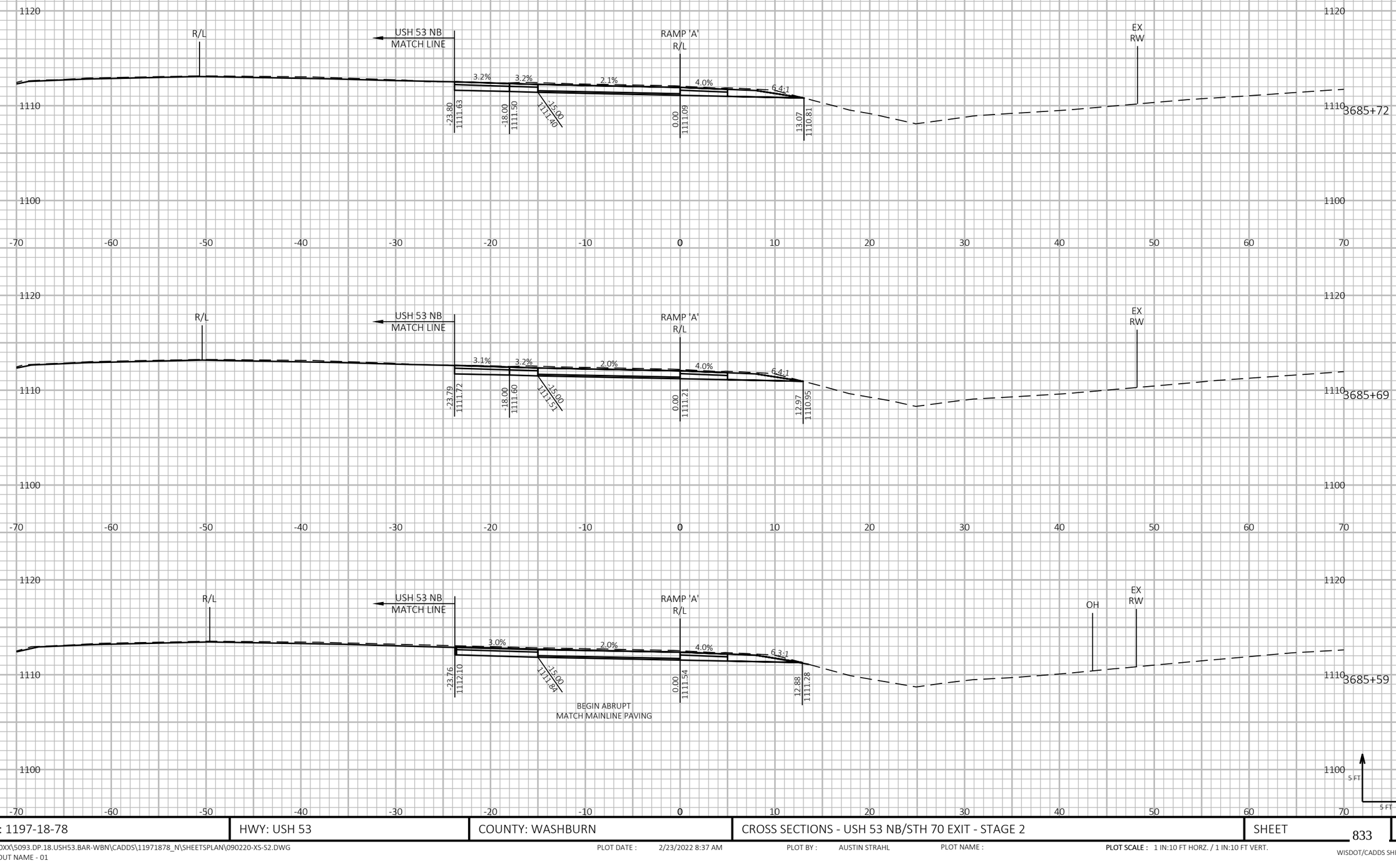
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 EXIT - STAGE 2	SHEET 833	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090220-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/23/2022 8:37 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

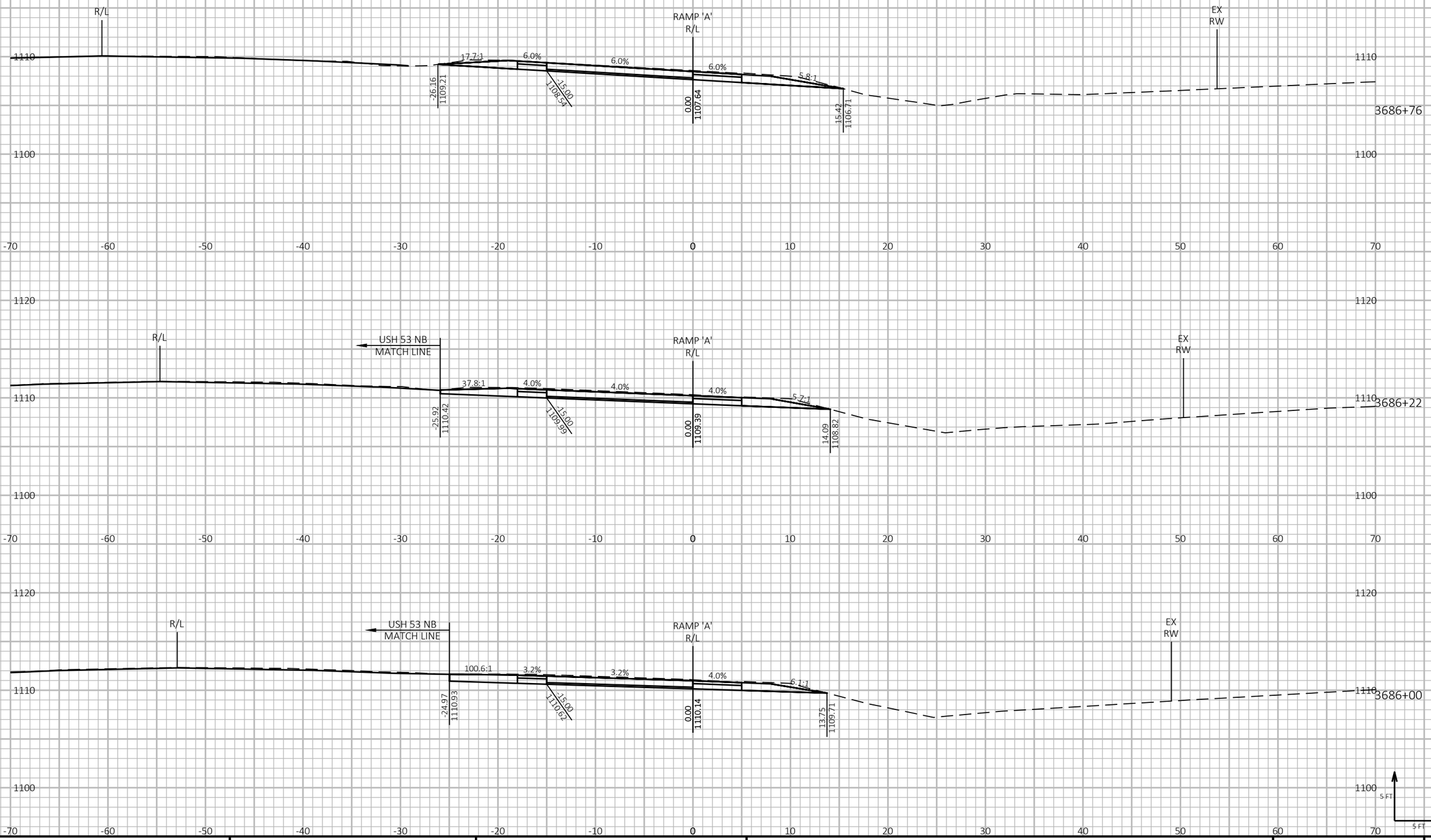
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 EXIT - STAGE 2	SHEET 834	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090220-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/23/2022 8:37 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

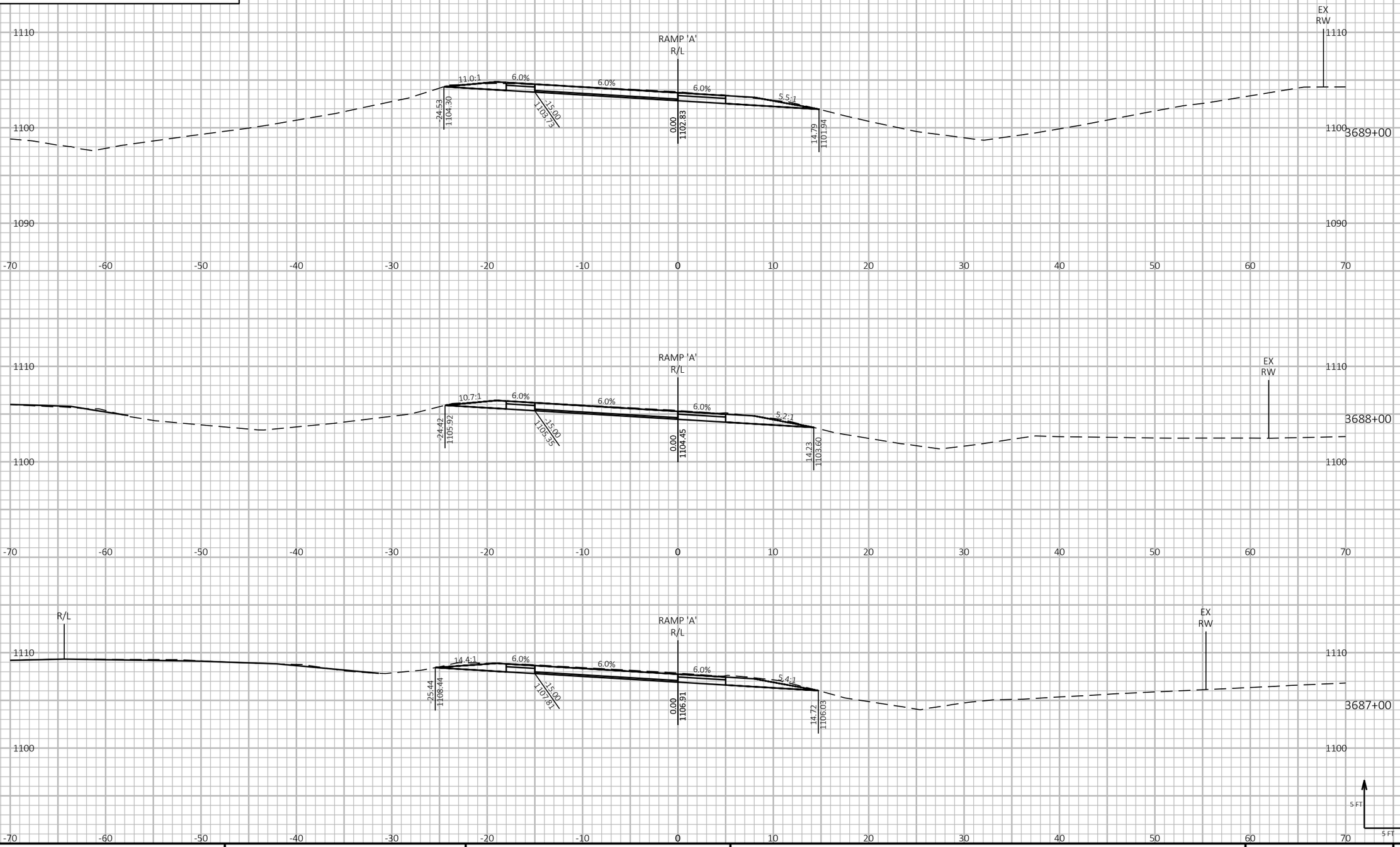
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 EXIT - STAGE 2	SHEET 835	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090220-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/23/2022 8:37 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

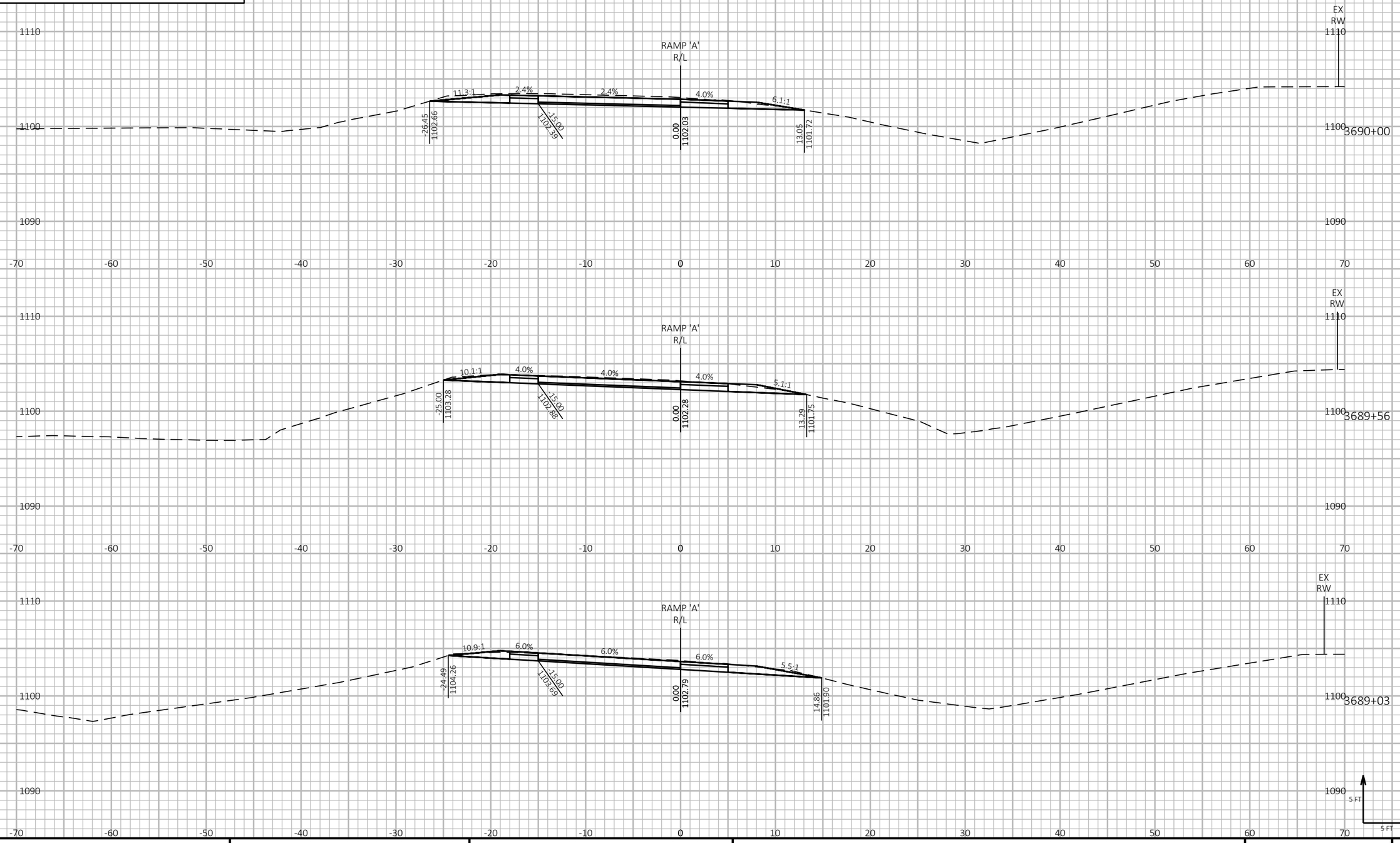
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 EXIT - STAGE 2	SHEET 836	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090220-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 2/23/2022 8:37 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

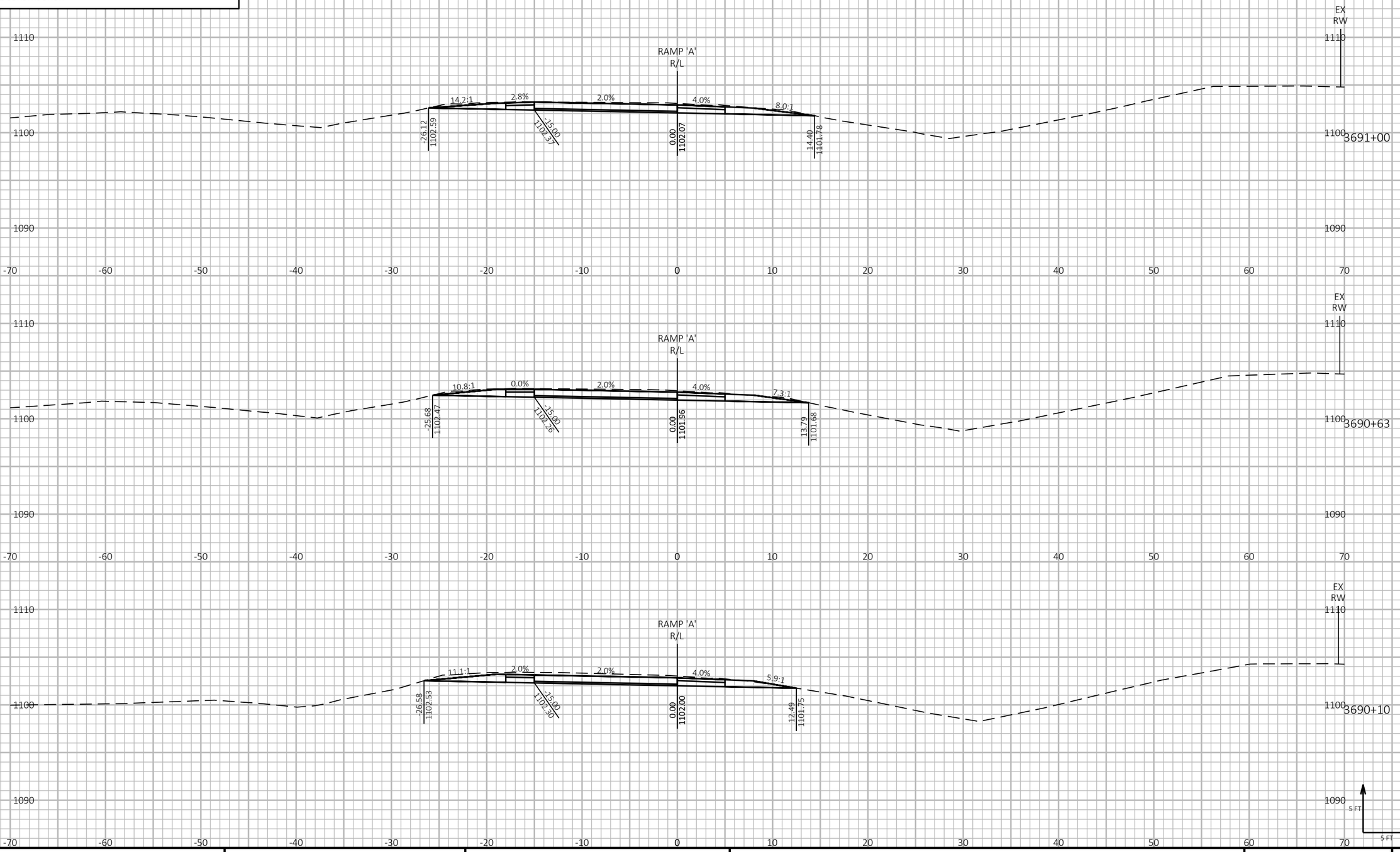
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 EXIT - STAGE 2	SHEET 837	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090220-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 2/23/2022 8:37 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

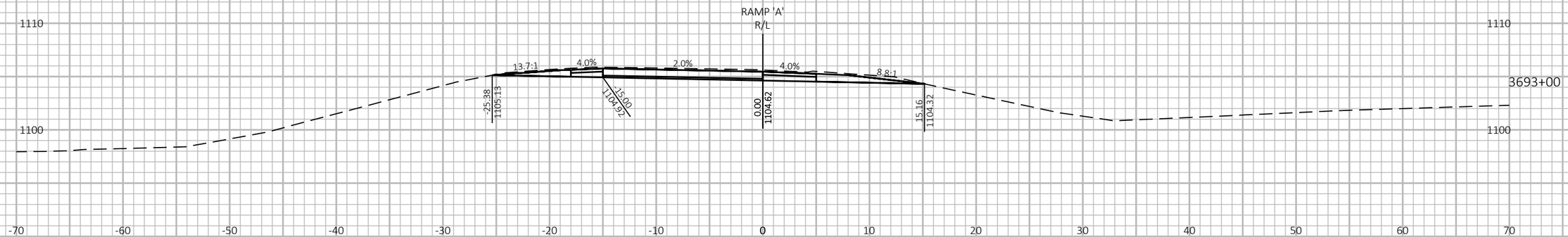
WISDOT/CADDS SHEET 49

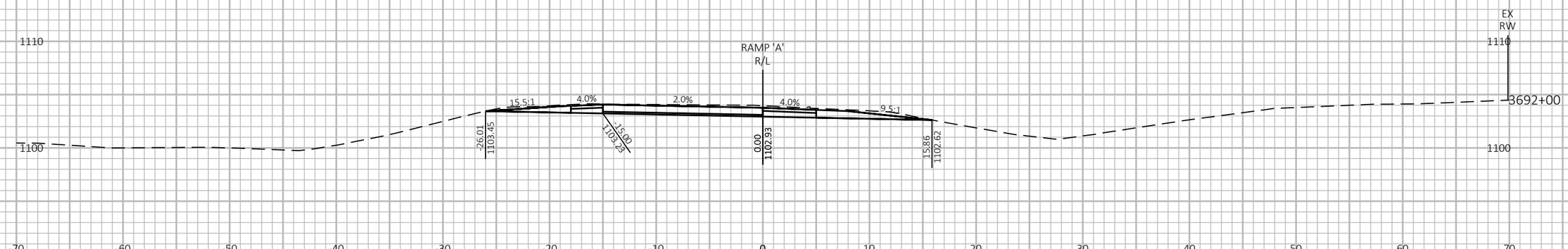
LEGEND

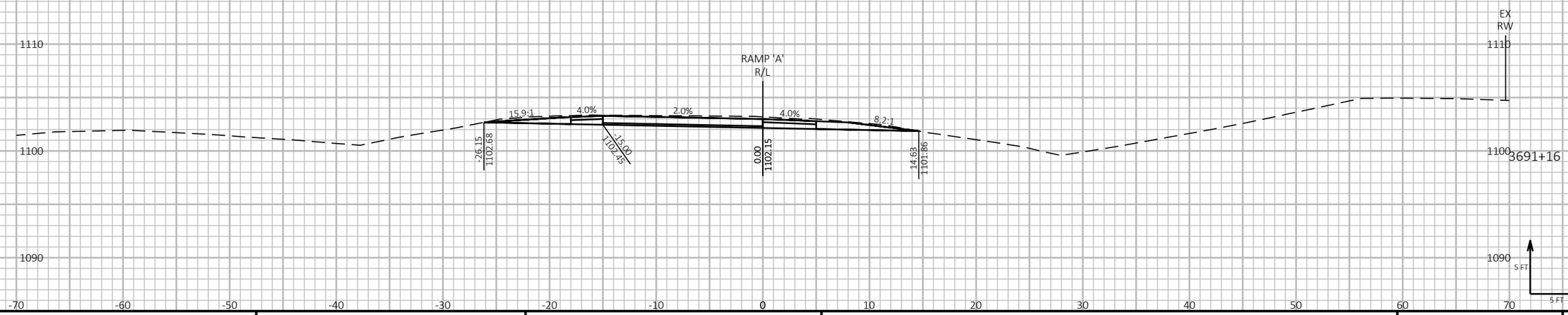
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 EXIT - STAGE 2	SHEET 838	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090220-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 2/23/2022 8:37 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

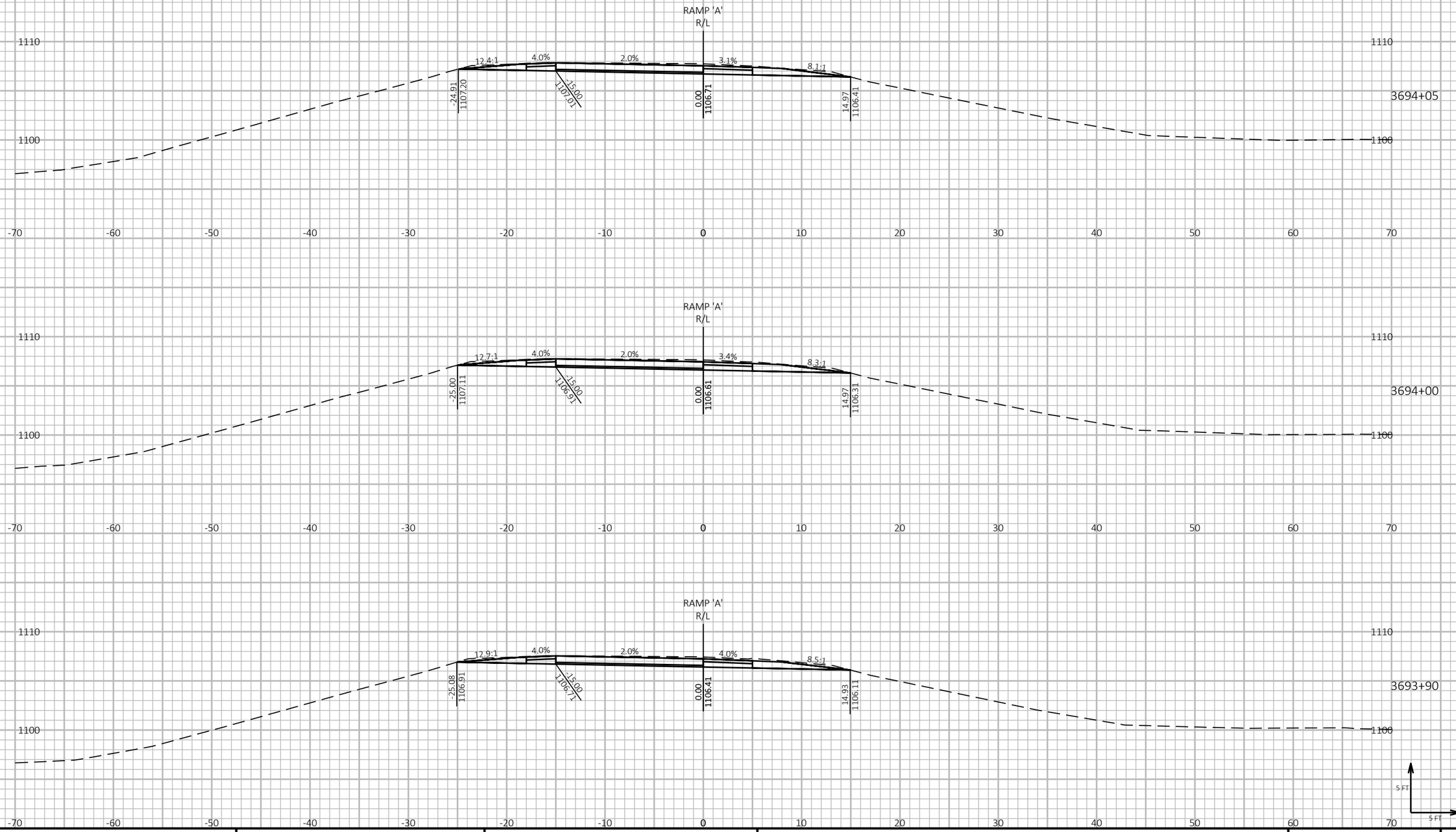
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 EXIT - STAGE 2	SHEET 839	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090220-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 2/23/2022 8:38 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

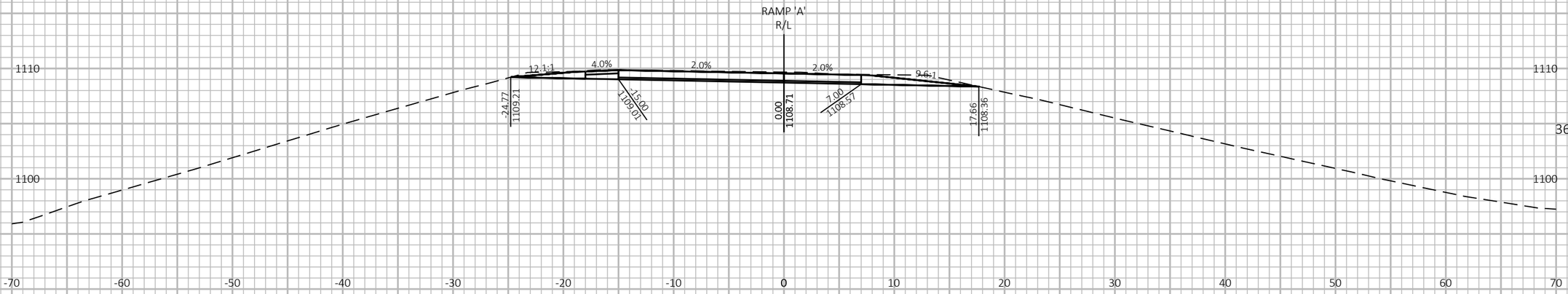
WISDOT/CADDS SHEET 49

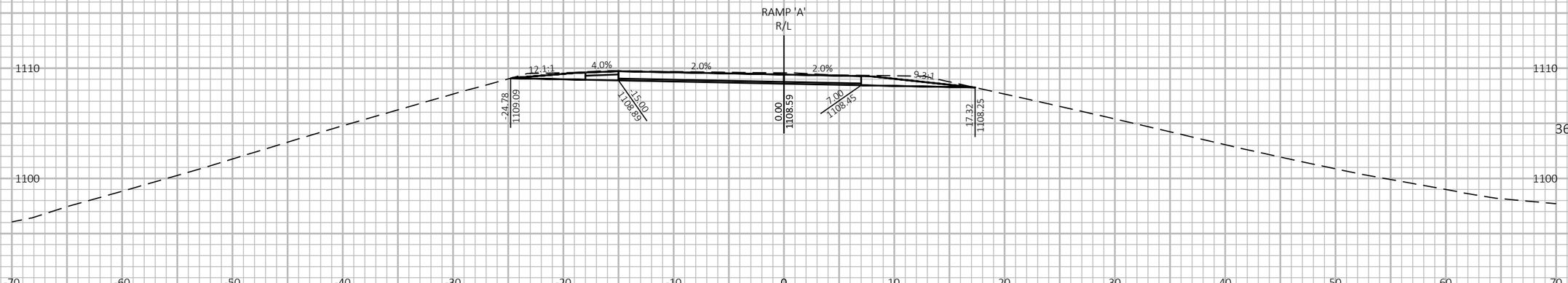
LEGEND

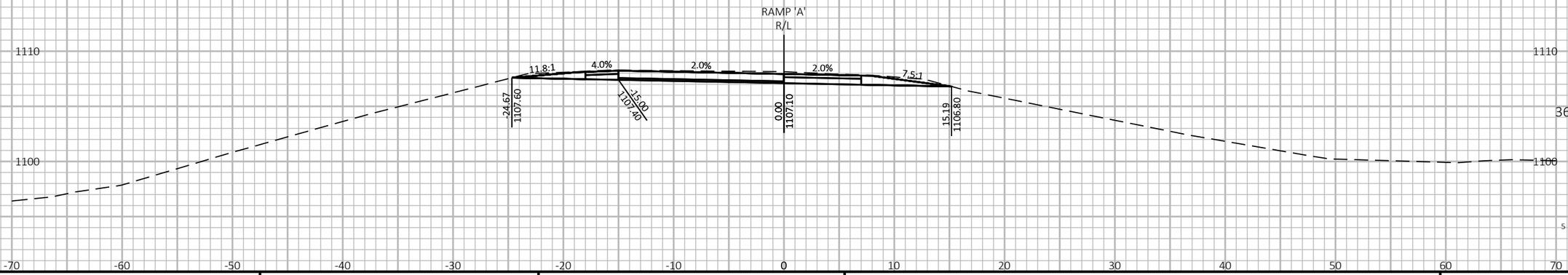
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 EXIT - STAGE 2	SHEET 840	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090220-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 2/23/2022 8:38 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

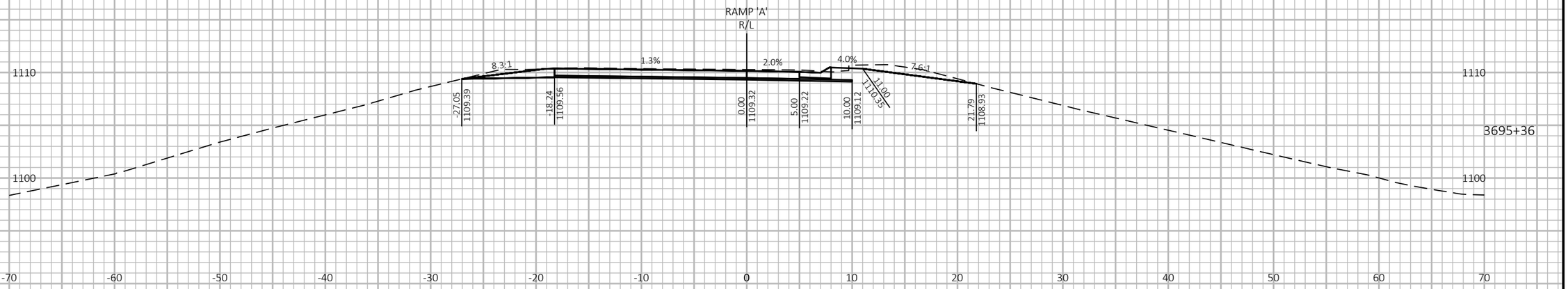
WISDOT/CADDS SHEET 49

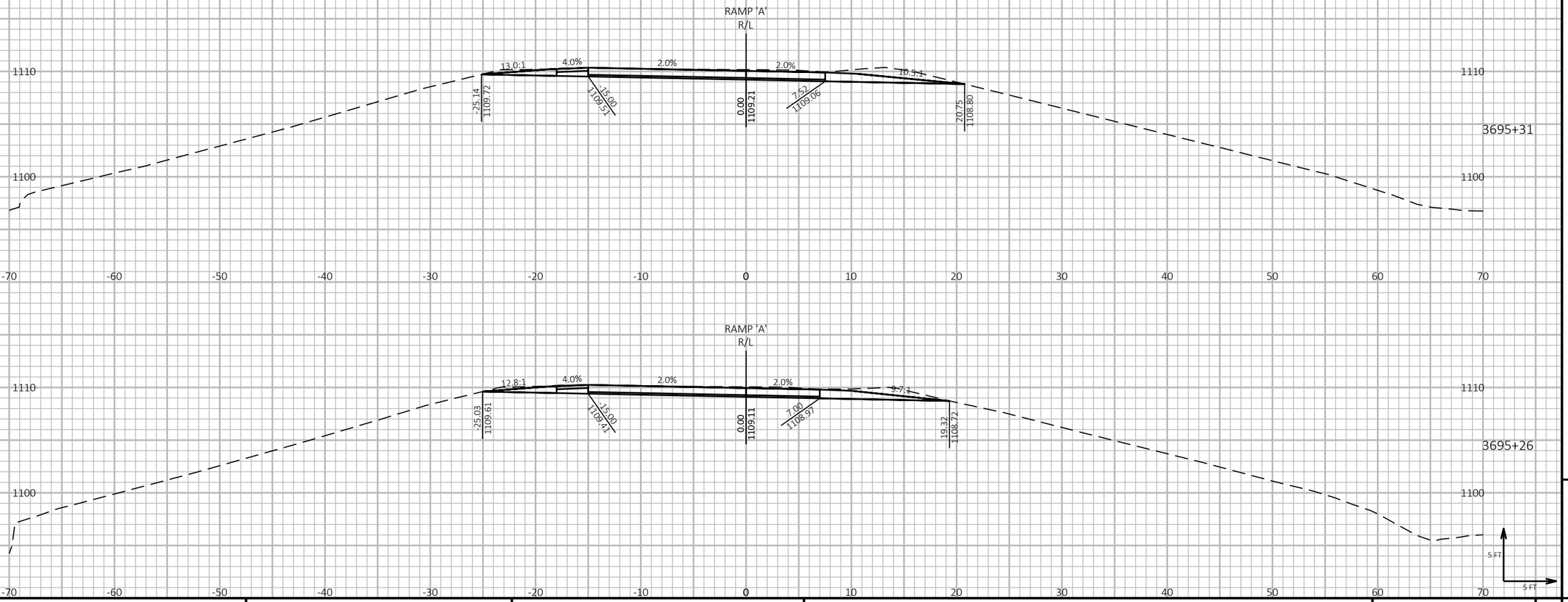
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 EXIT - STAGE 2	SHEET 841	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090220-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 2/23/2022 8:38 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

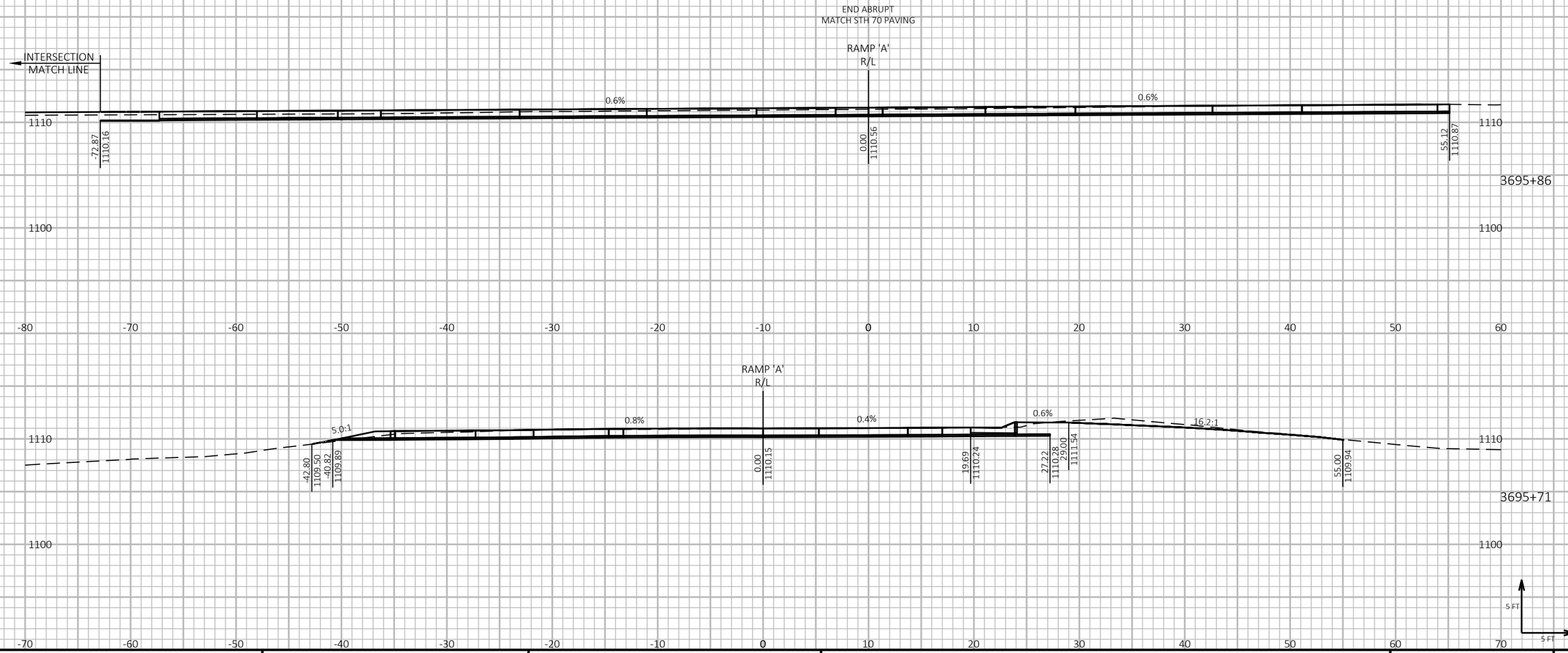
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 EXIT - STAGE 2	SHEET 842	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090220-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 2/23/2022 8:38 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

INTERSECTION MATCH LINE

RAMP 'B' R/L

0.3%

0.7%

1.5%

14.2:1

26.23
1111.34

21.56
1110.30

0.00
1110.24

18.33
1110.10

24.86
1110.02

41.57
1110.25

3695+11

1110

1100

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

INTERSECTION MATCH LINE

RAMP 'B' R/L

0.6%

0.2%

13.0:1

33.05
1111.58

0.00
1110.39

23.54
1110.26

31.33
1110.19

48.27
1110.41

3695+06

1120

1110

1100

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

RAMP 'B' R/L

INTERSECTION MATCH LINE

BEGIN ABRUPT MATCH STH 70 PAVING

3694+93

1110

1100

-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

5 FT

5 FT

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 843	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/25/2022 11:51 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

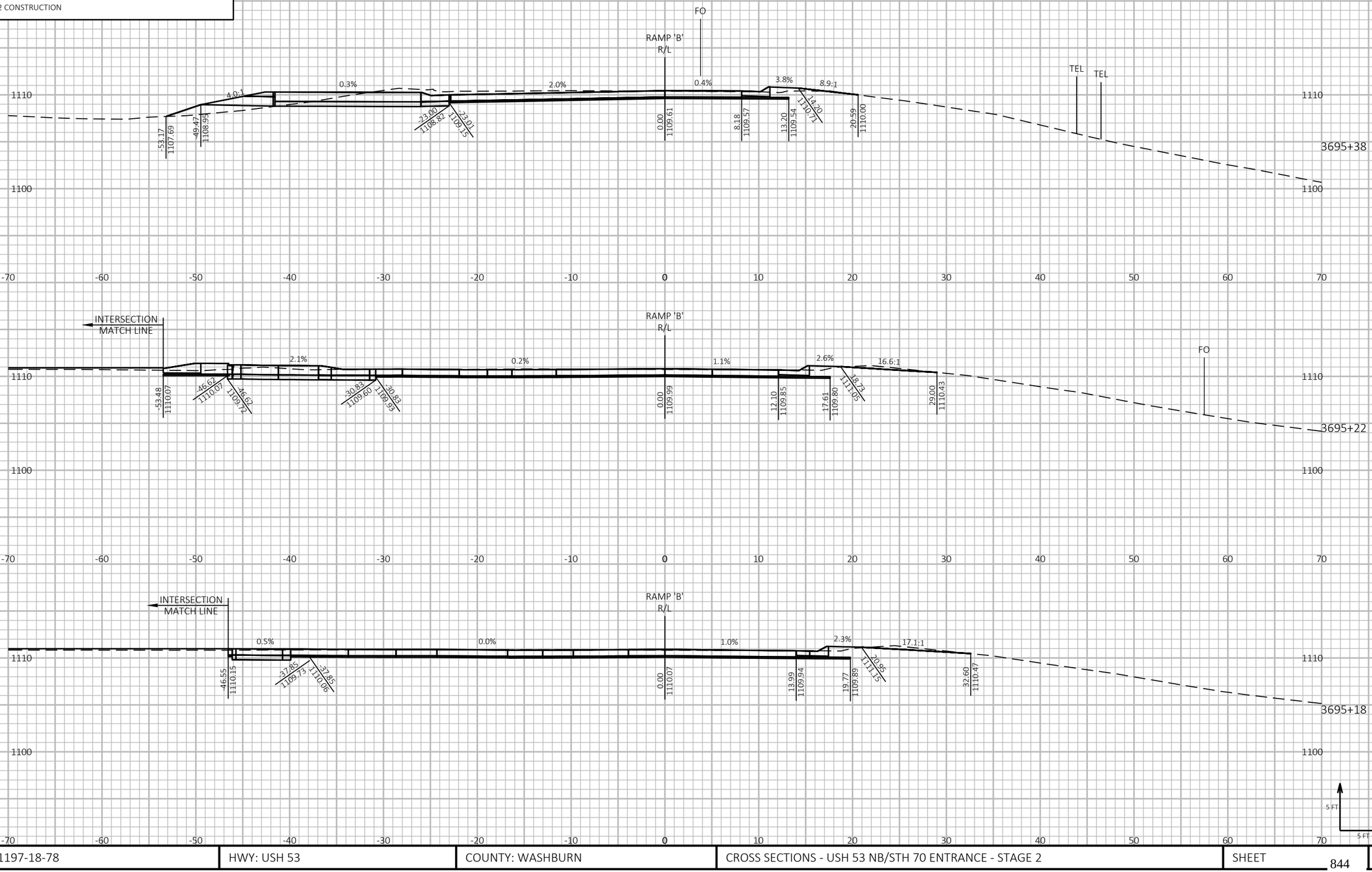
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 844	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/25/2022 11:51 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 845	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/25/2022 11:51 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 846	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 2/25/2022 11:51 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

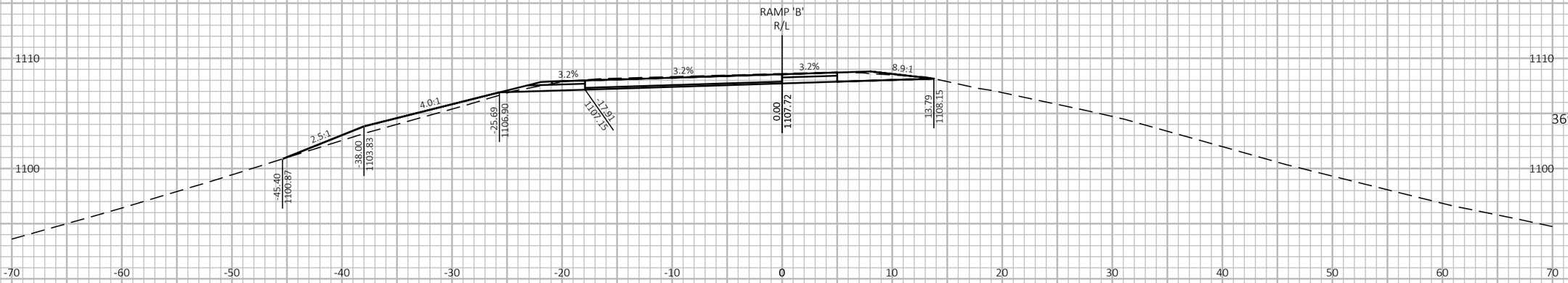
WISDOT/CADDS SHEET 49

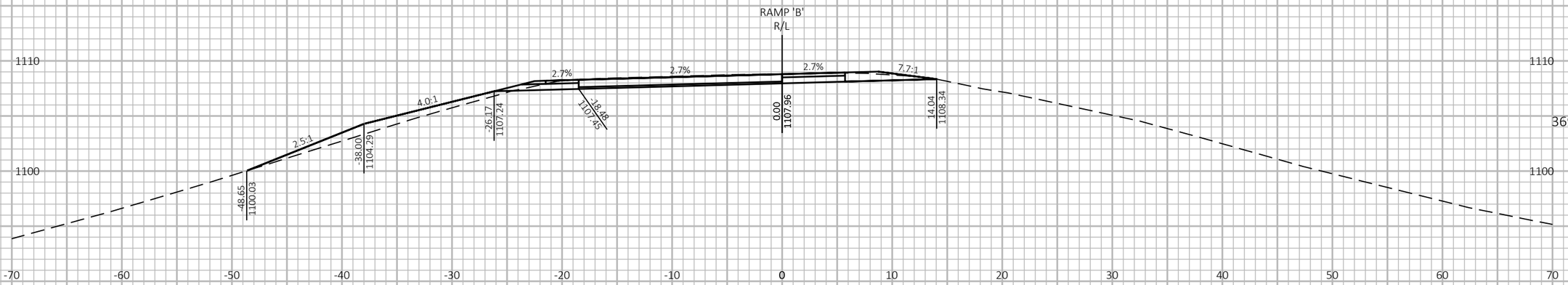
LEGEND

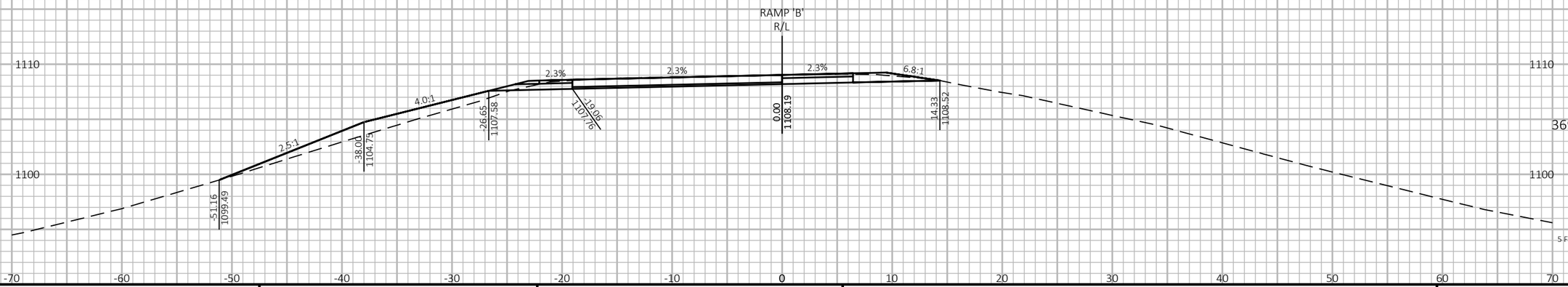
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 847	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 2/25/2022 11:51 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

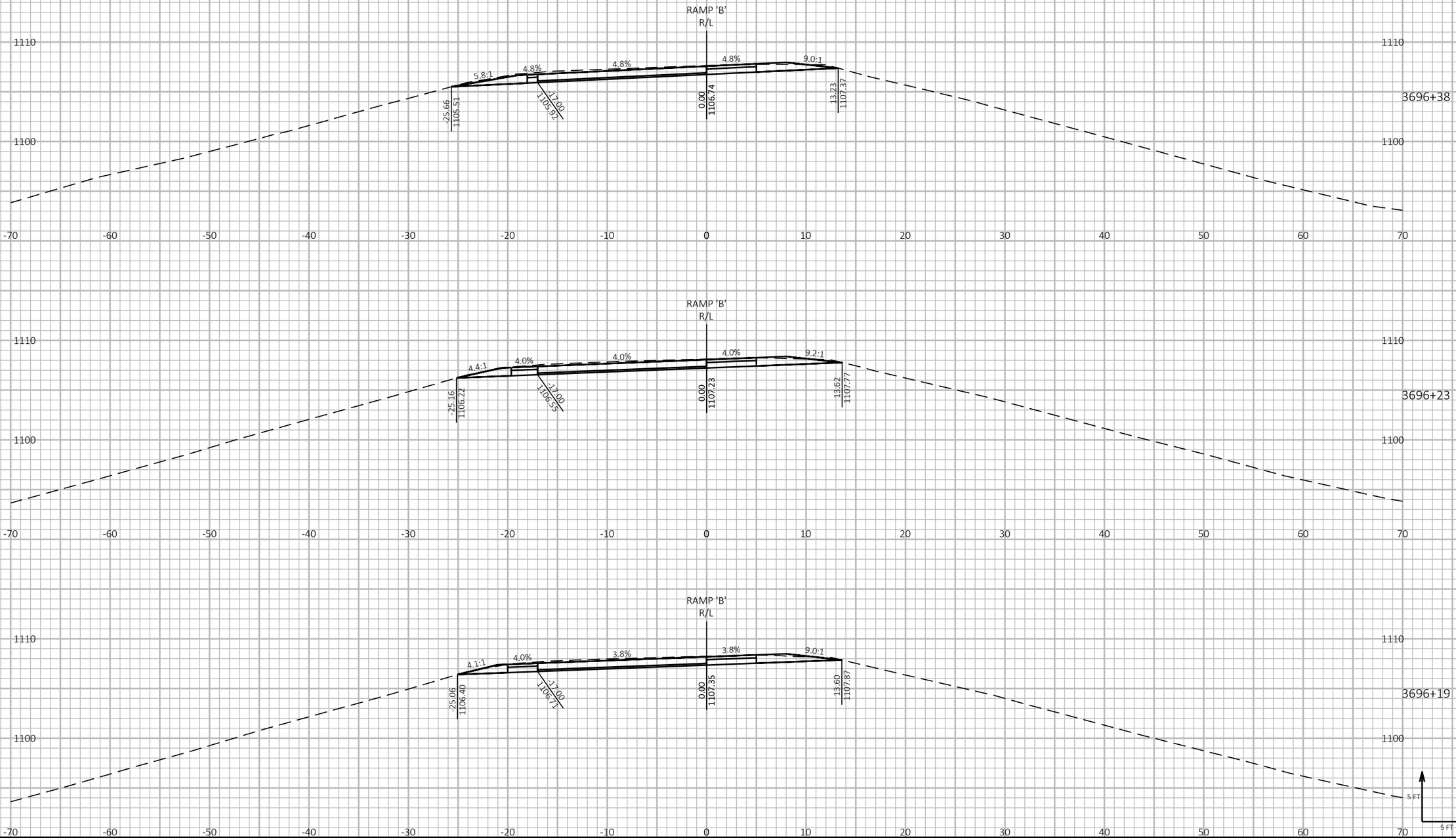
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 848	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 2/25/2022 11:51 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

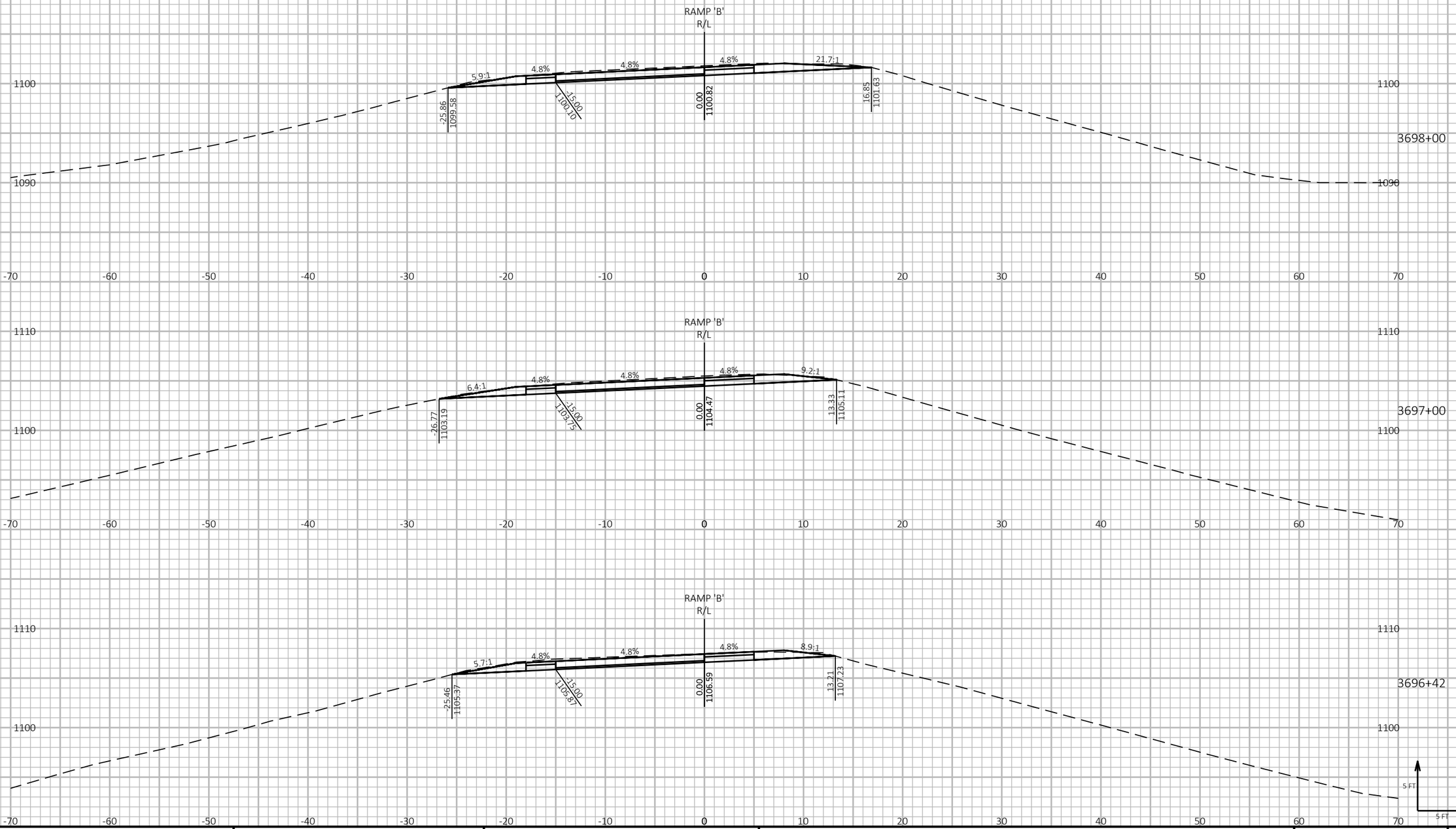
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 849	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 2/25/2022 11:52 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

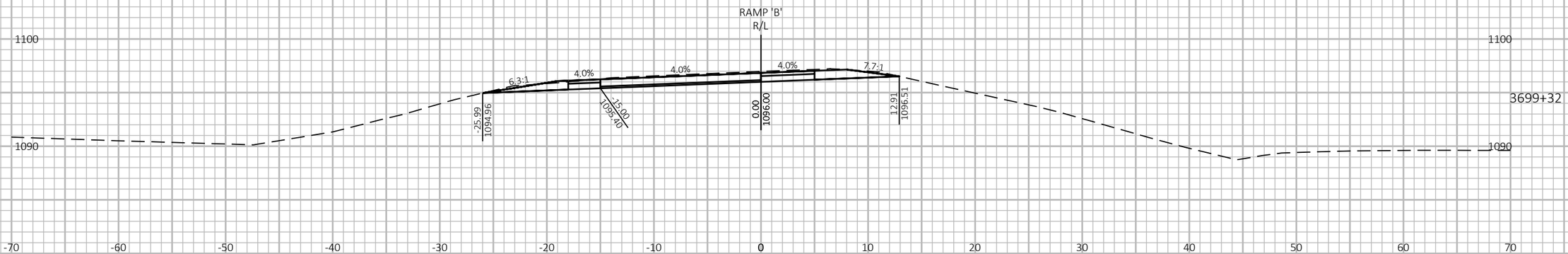
WISDOT/CADDS SHEET 49

LEGEND

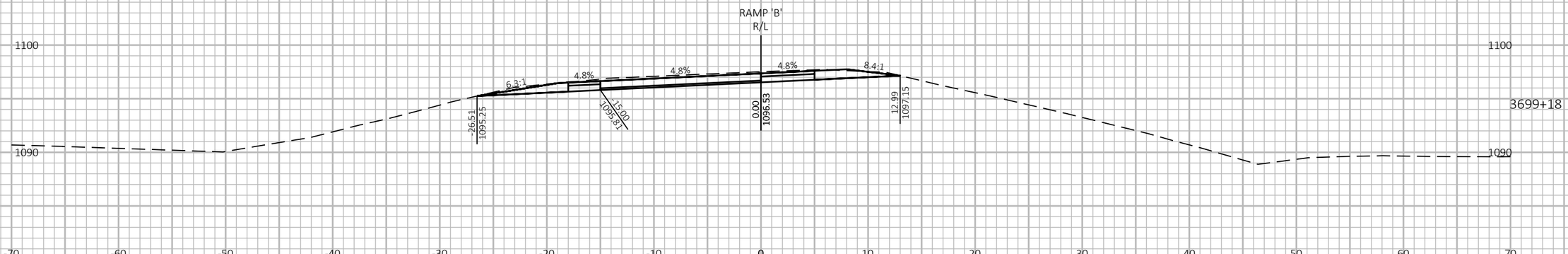
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

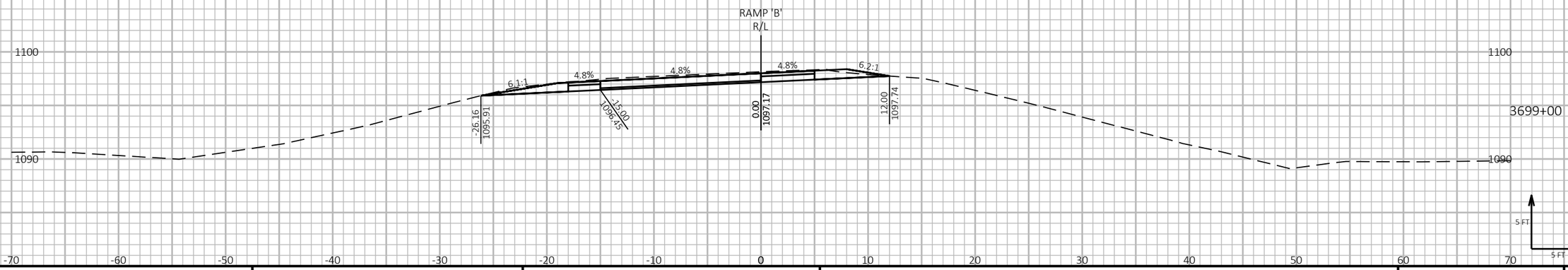
STAGE 2 CONSTRUCTION



3699+32



3699+18



3699+00

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 850	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 2/25/2022 11:52 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

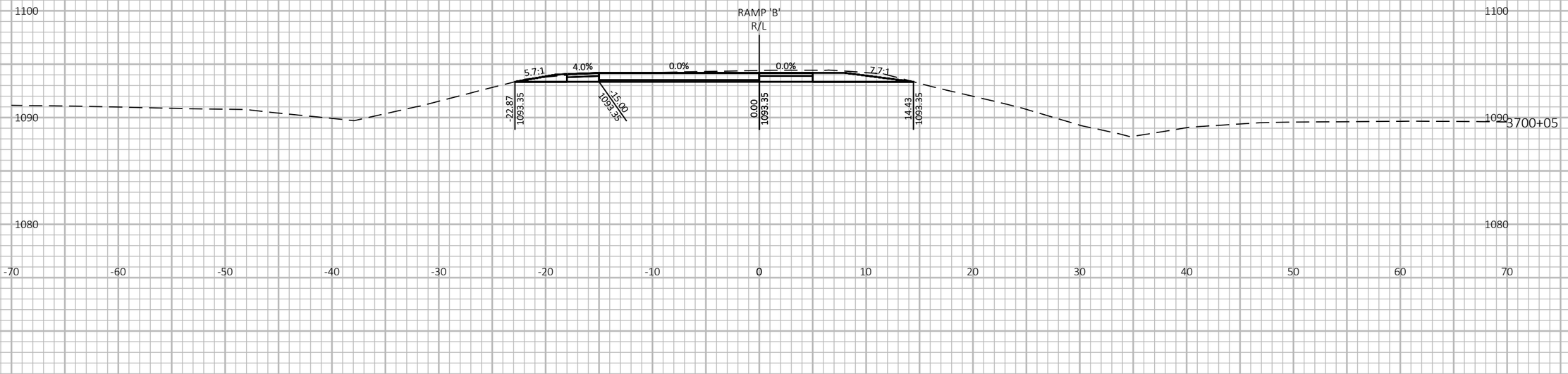
WISDOT/CADDS SHEET 49

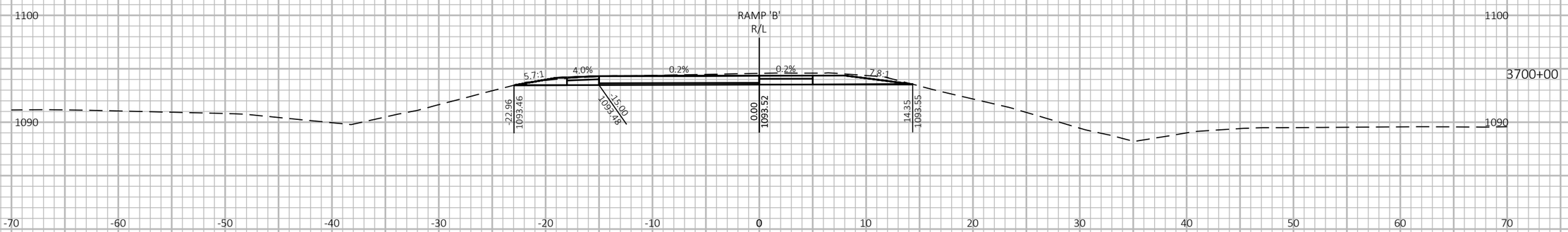
LEGEND

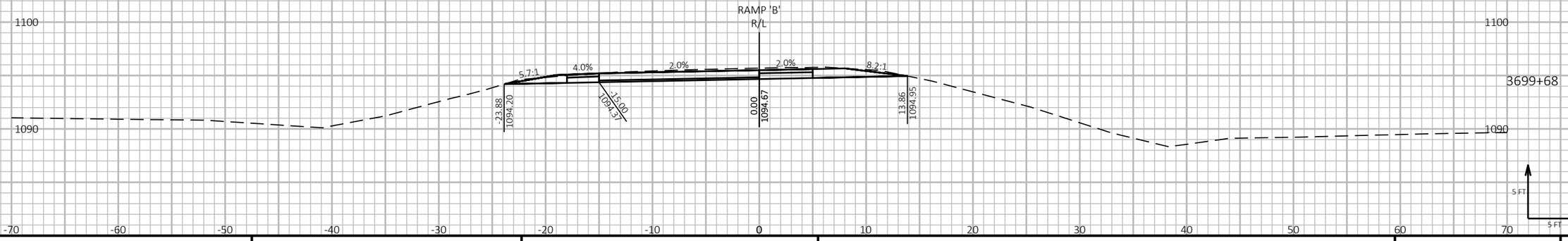
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 851	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 2/25/2022 11:52 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

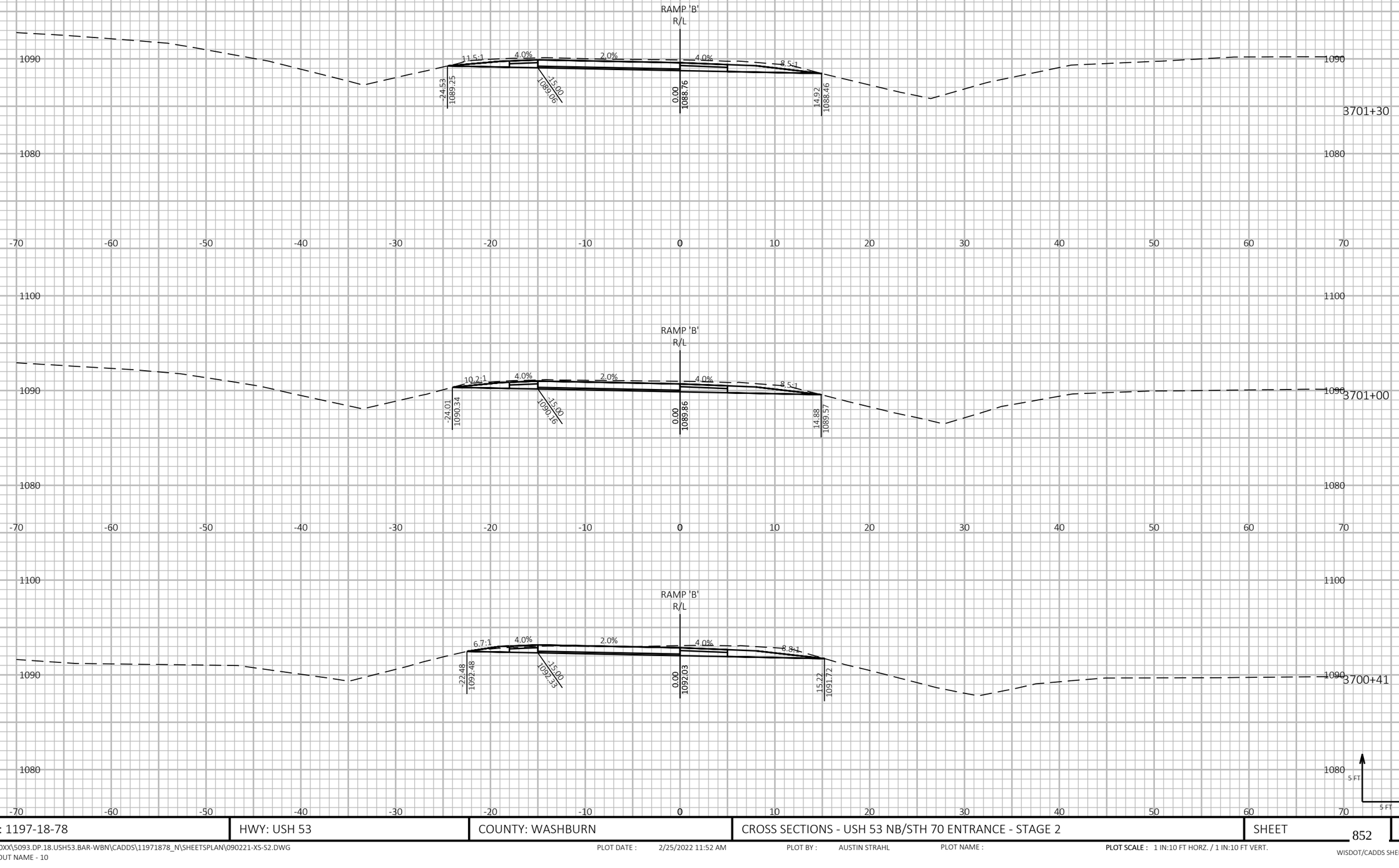
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 852	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 2/25/2022 11:52 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

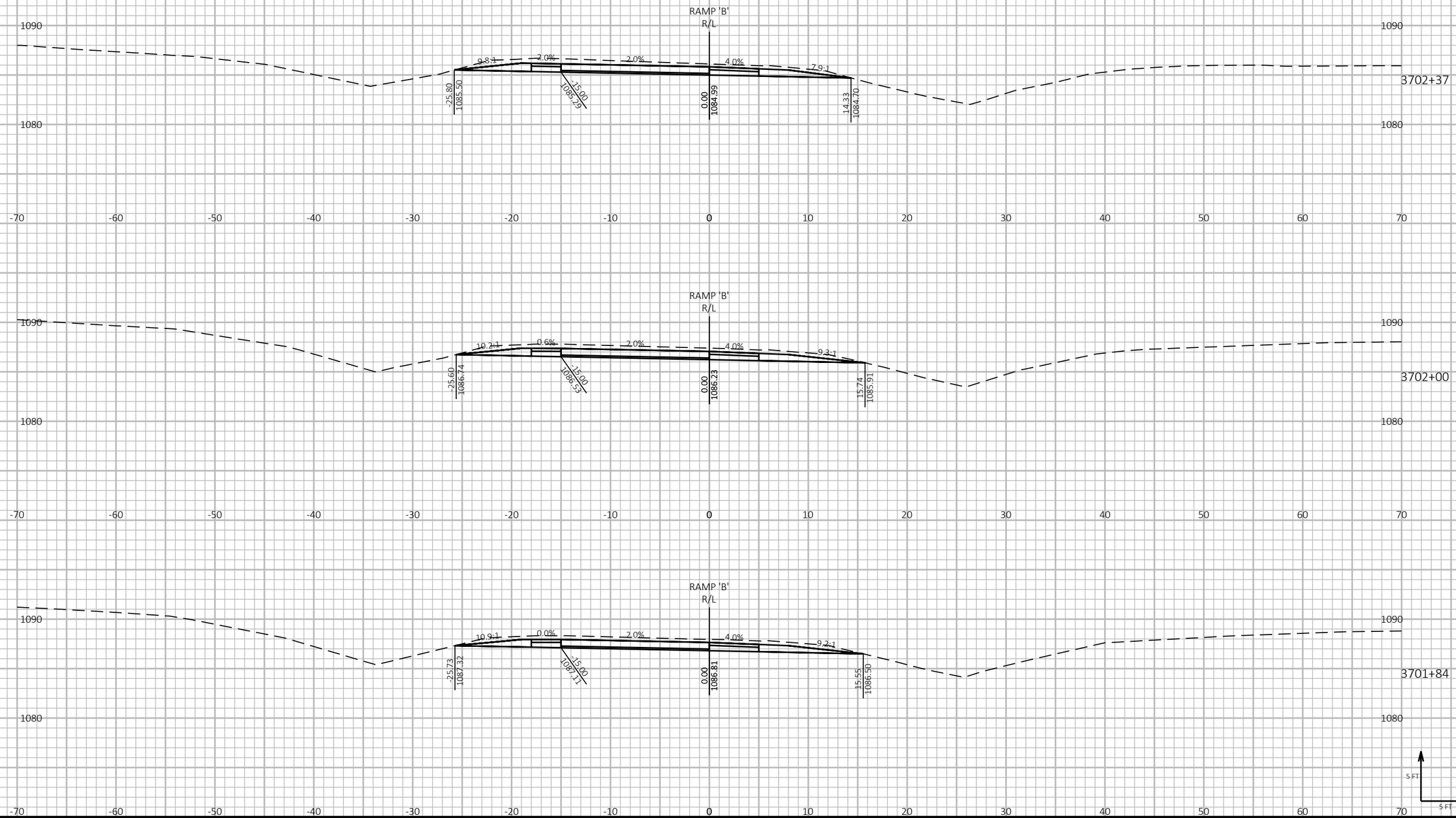
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 853	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 2/25/2022 11:52 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

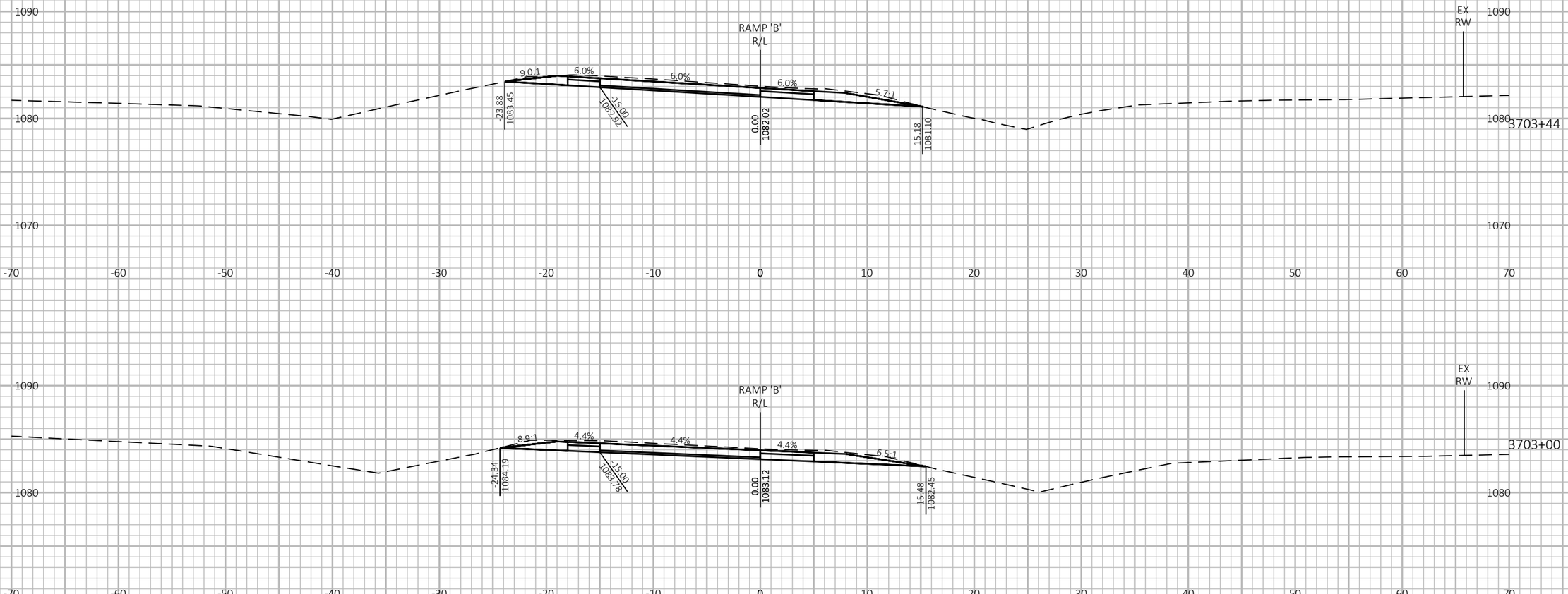
WISDOT/CADDS SHEET 49

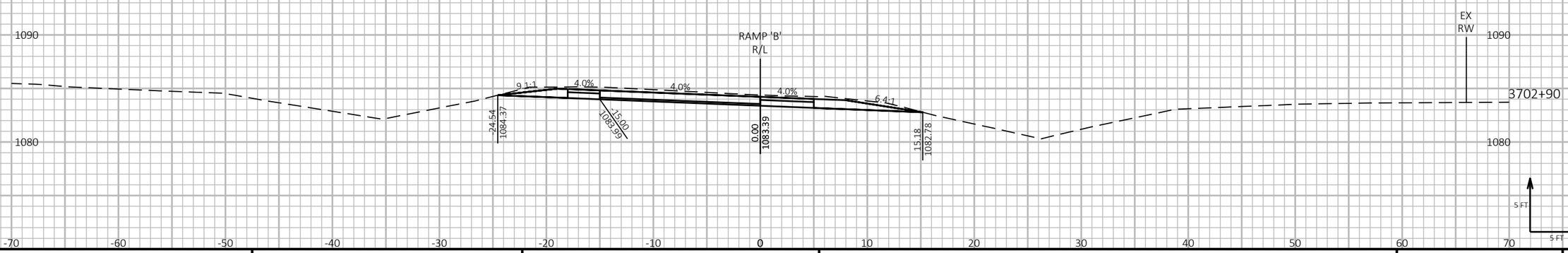
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 854	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 12

PLOT DATE : 2/25/2022 11:53 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

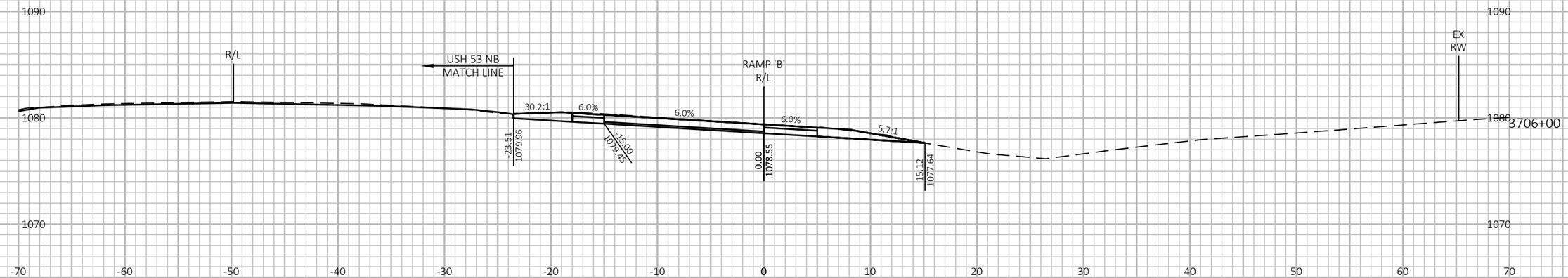
WISDOT/CADDS SHEET 49

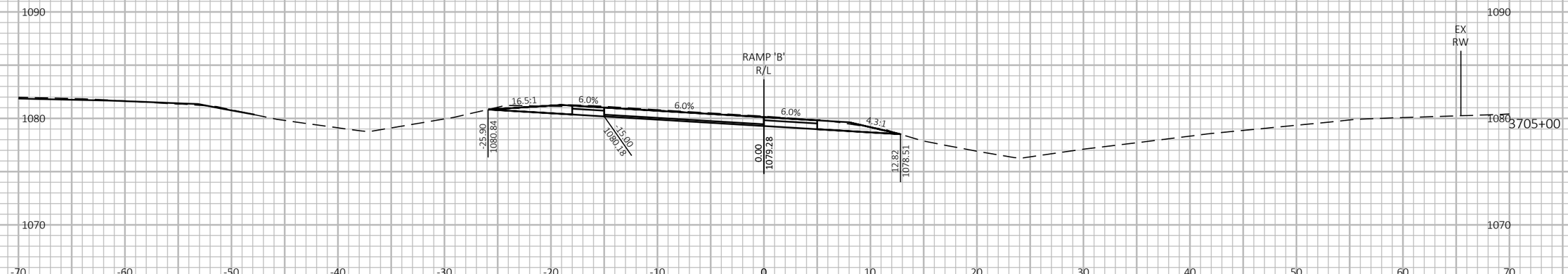
LEGEND

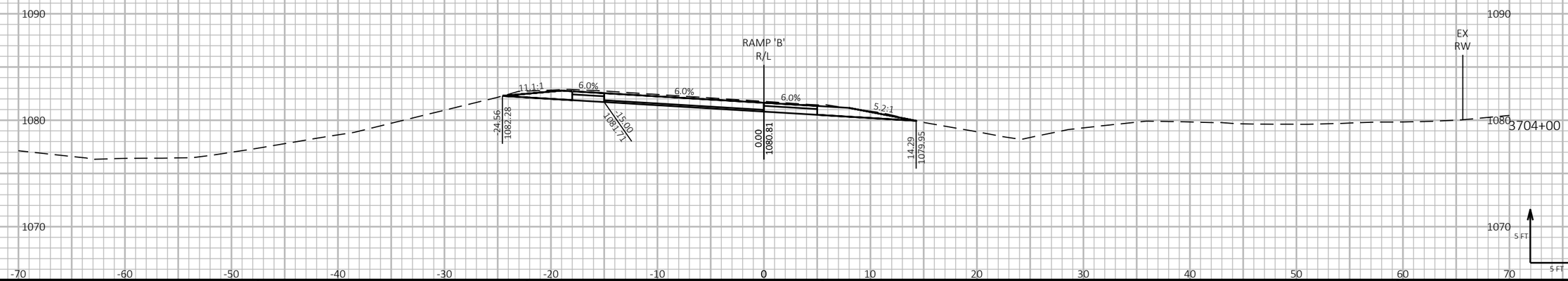
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 855	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 2/25/2022 11:53 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

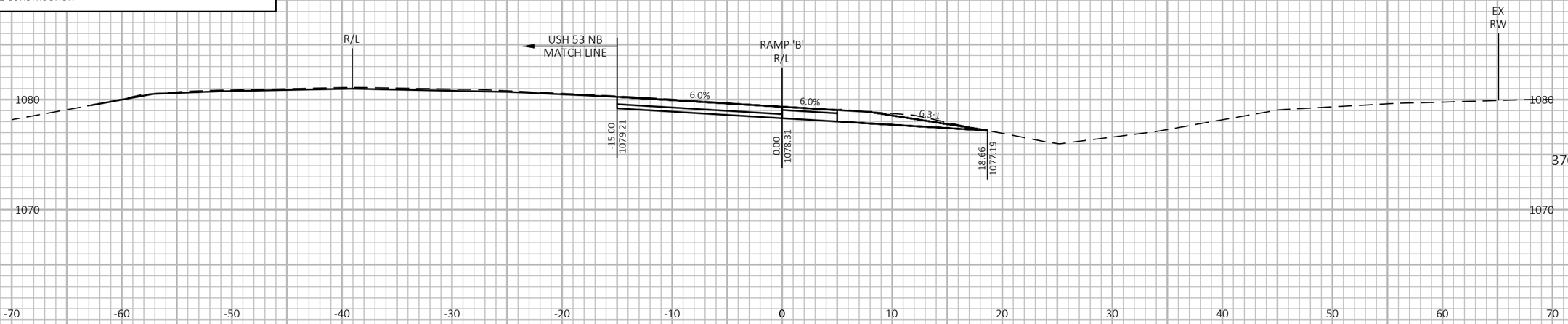
WISDOT/CADDS SHEET 49

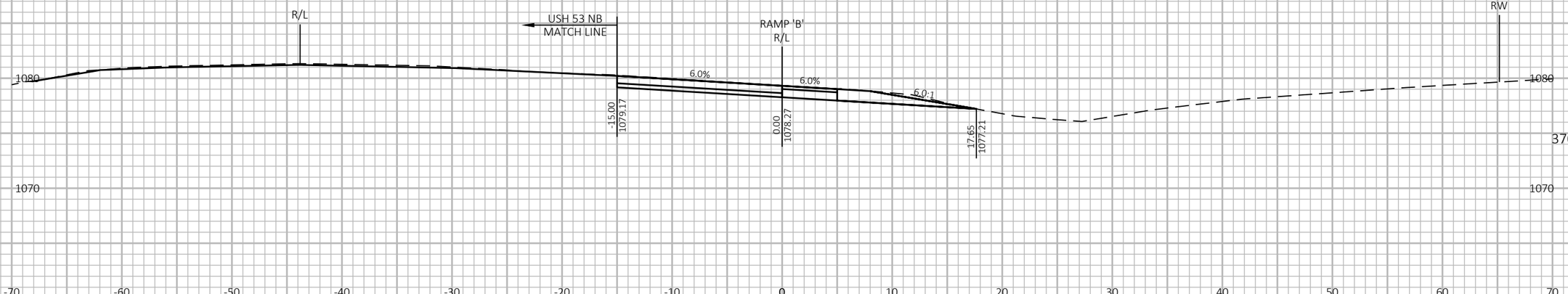
LEGEND

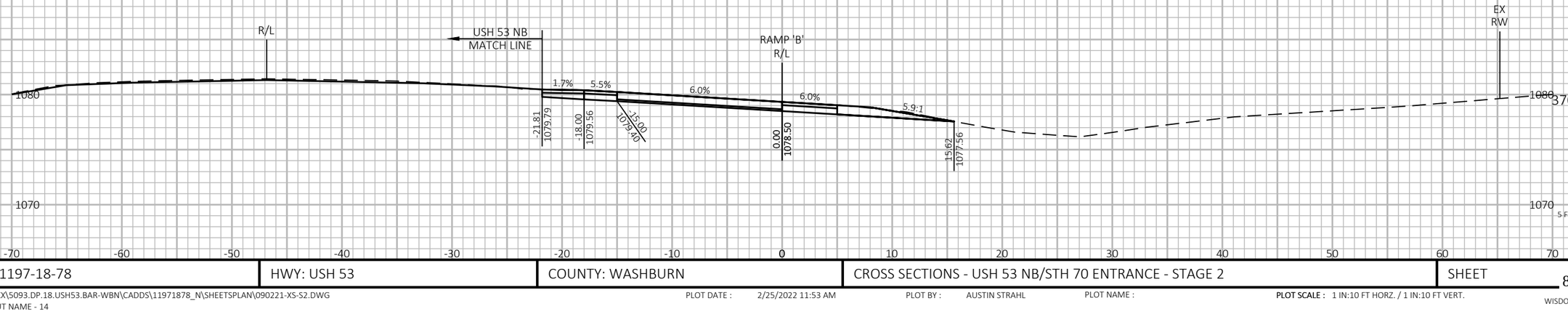
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 856	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 2/25/2022 11:53 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

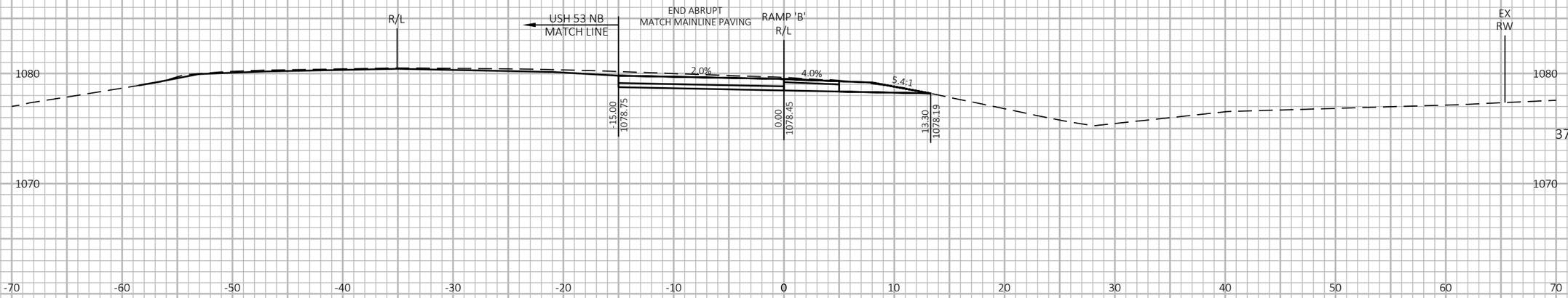
WISDOT/CADDS SHEET 49

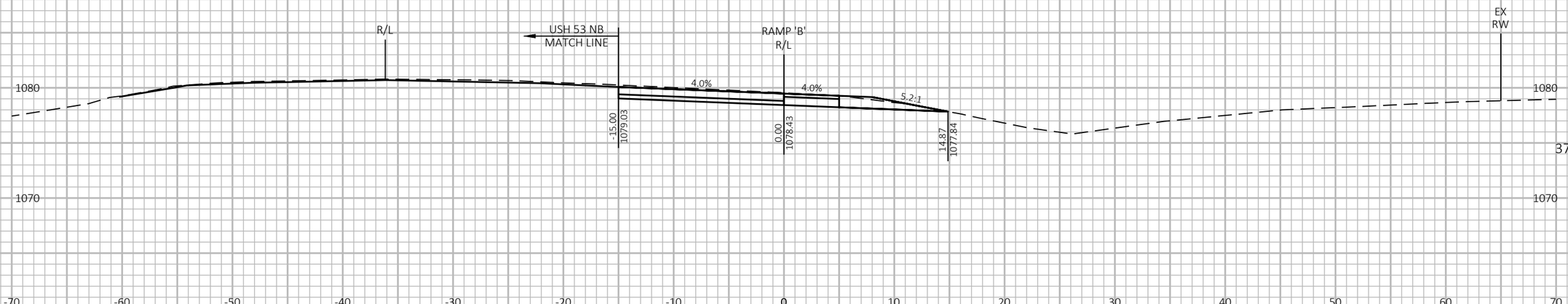
LEGEND

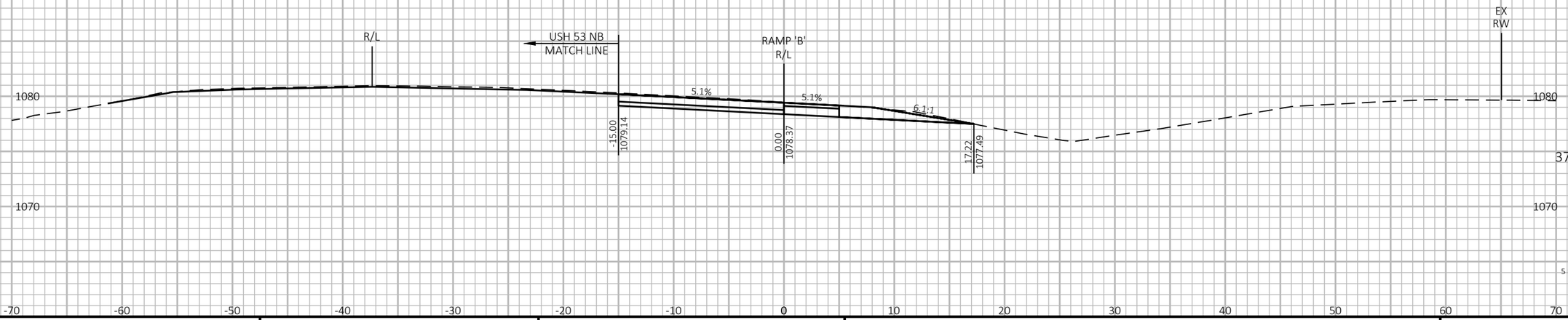
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/STH 70 ENTRANCE - STAGE 2	SHEET 857	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090221-XS-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 2/25/2022 11:53 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

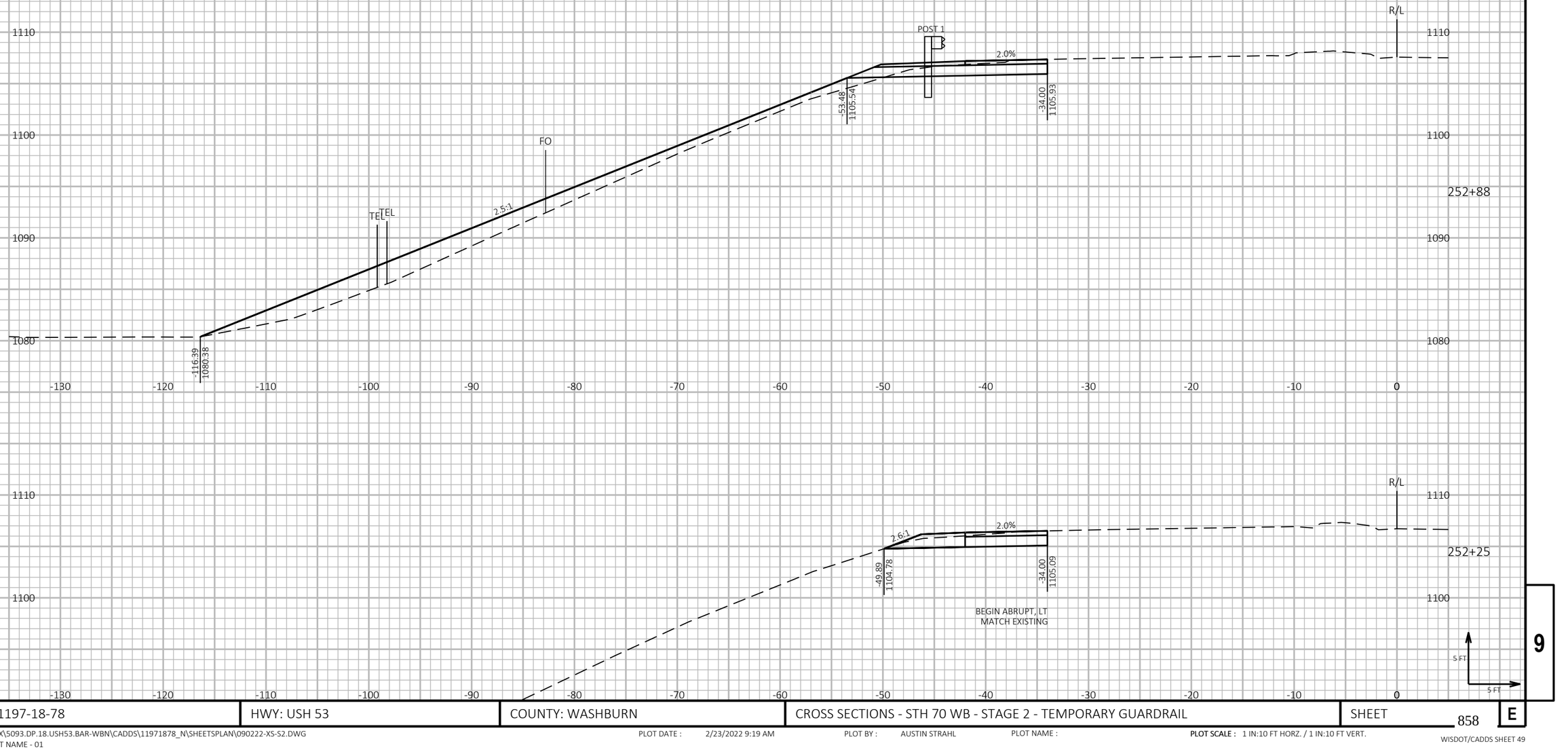
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 WB - STAGE 2 - TEMPORARY GUARDRAIL	SHEET 858	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090222-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/23/2022 9:19 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

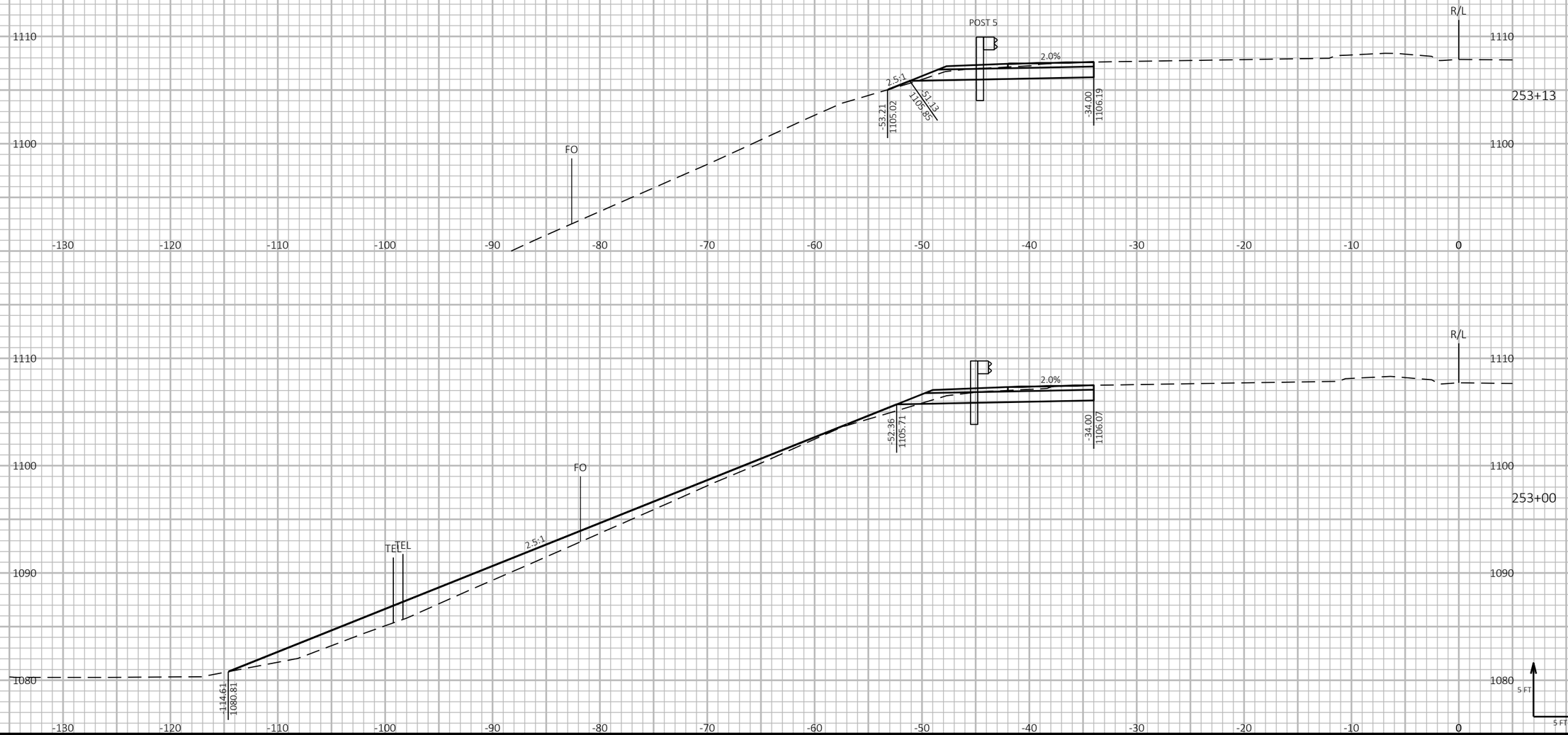
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 WB - STAGE 2 - TEMPORARY GUARDRAIL	SHEET 859	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090222-XS-S2.DWG
LAYOUT NAME - 02

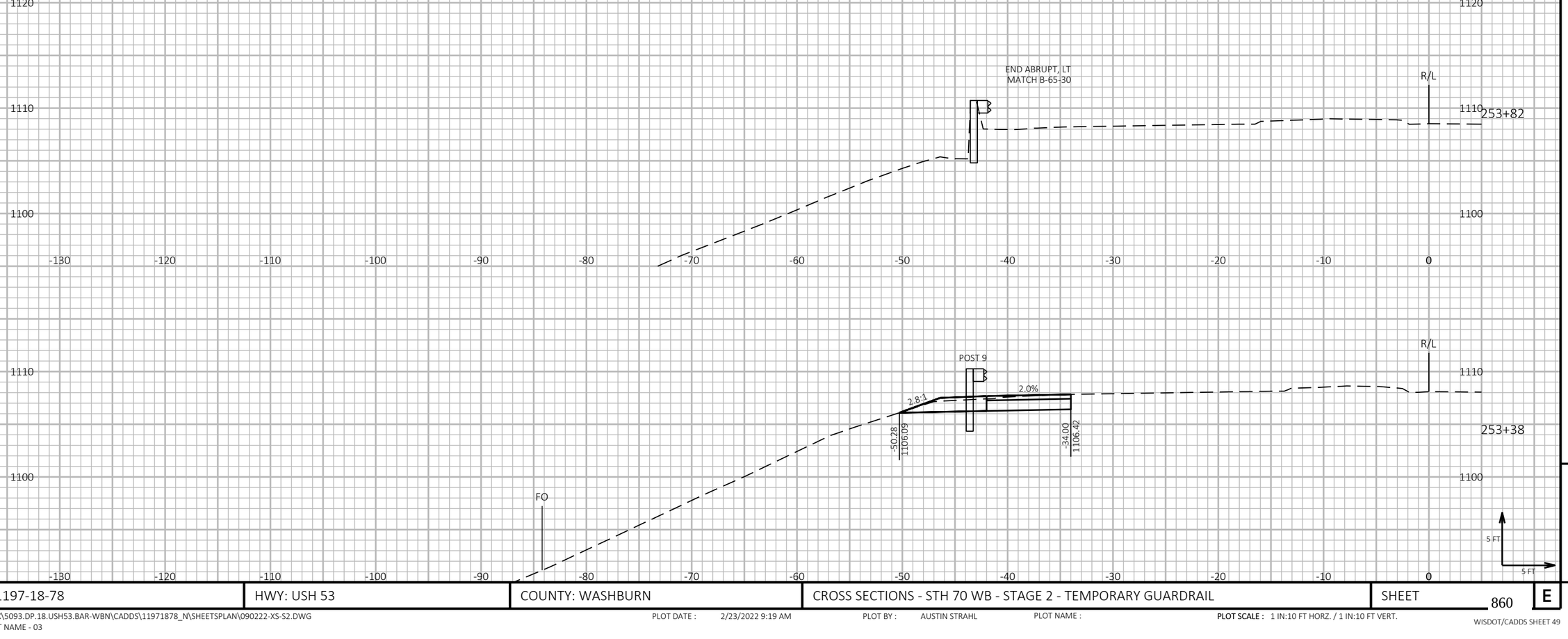
PLOT DATE : 2/23/2022 9:19 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 WB - STAGE 2 - TEMPORARY GUARDRAIL	SHEET 860	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090222-XS-S2.DWG
LAYOUT NAME - 03

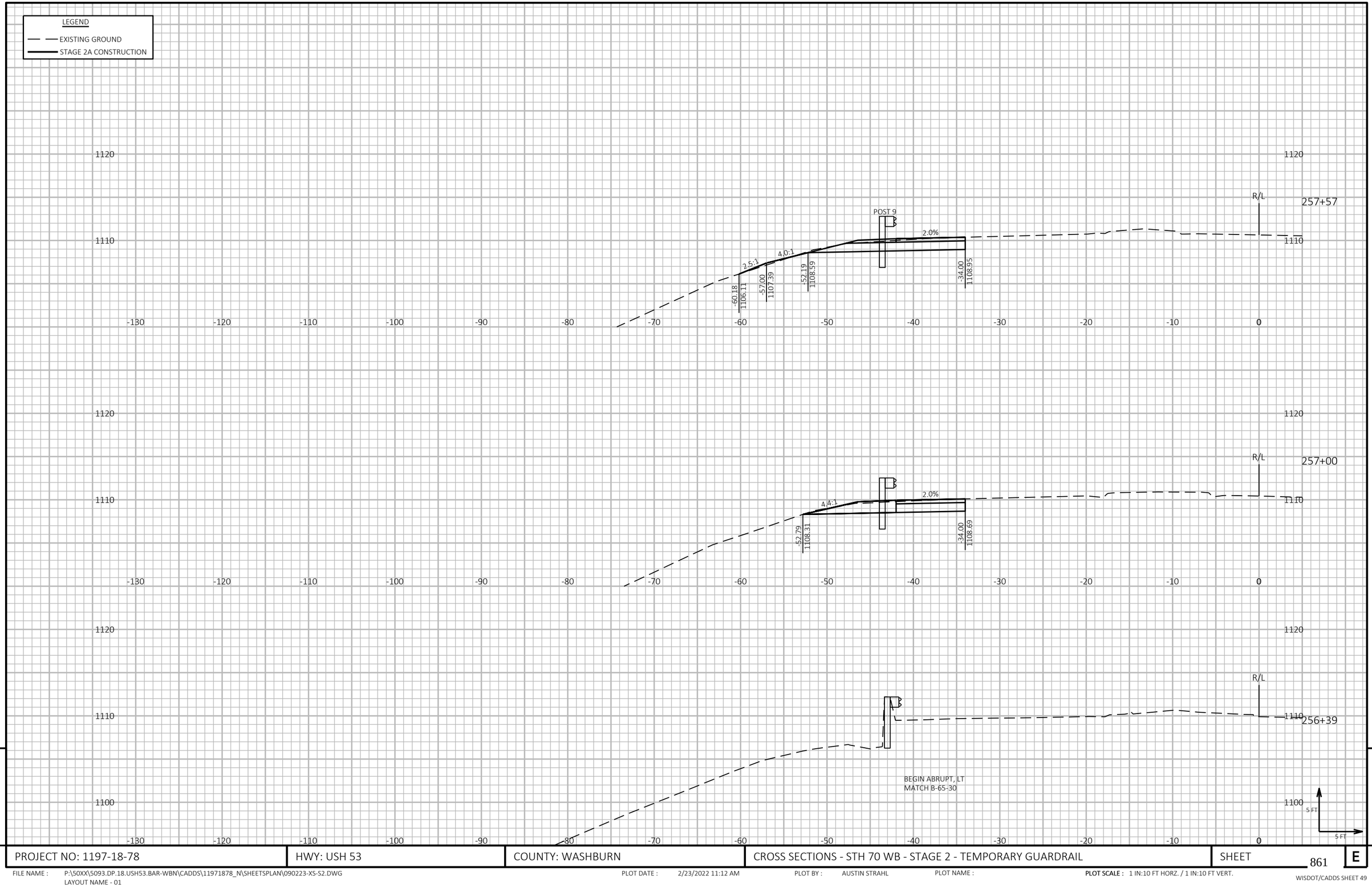
PLOT DATE : 2/23/2022 9:19 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 WB - STAGE 2 - TEMPORARY GUARDRAIL	SHEET 861	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090223-XS-S2.DWG
LAYOUT NAME - 01

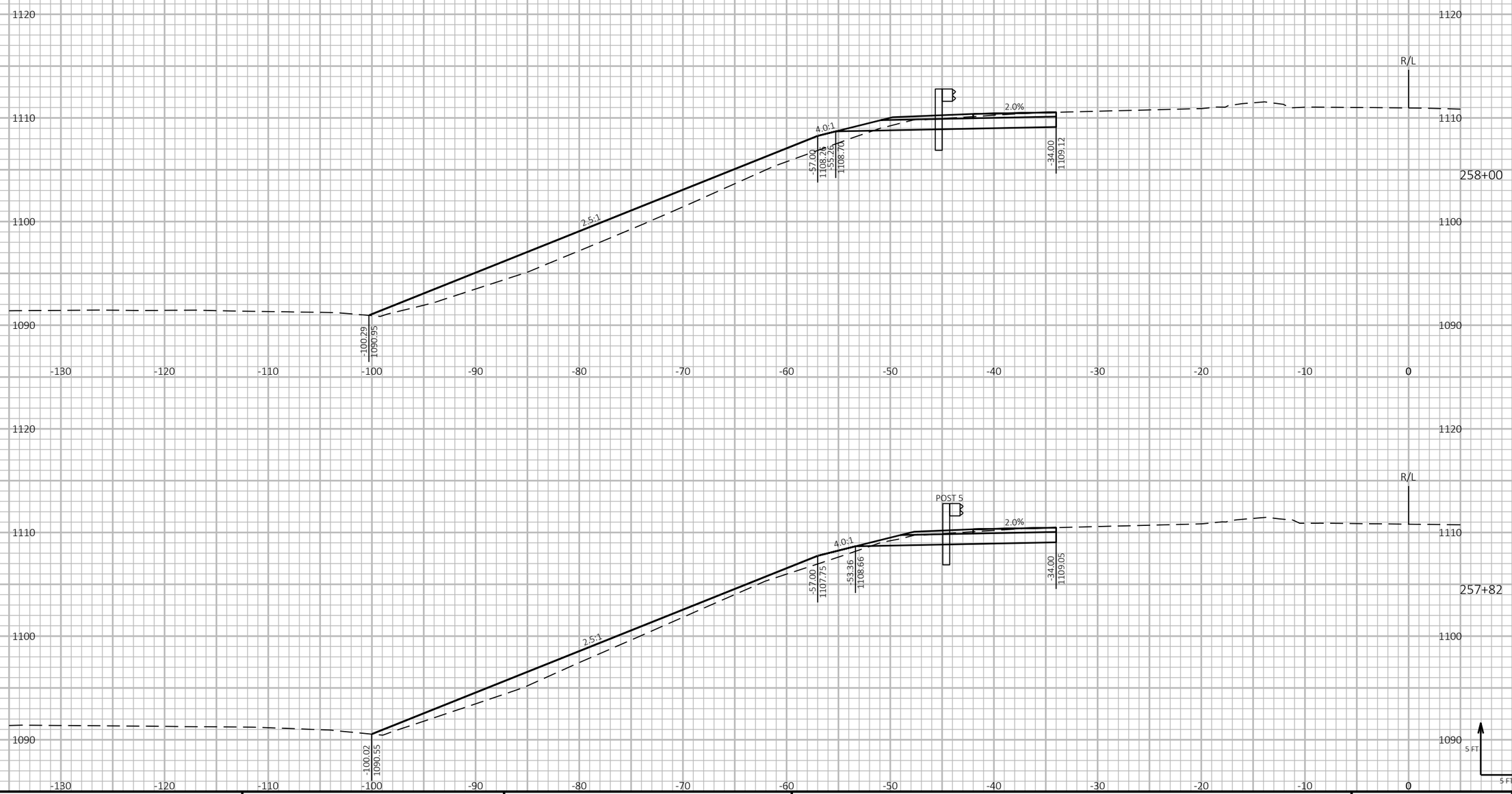
PLOT DATE : 2/23/2022 11:12 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 WB - STAGE 2 - TEMPORARY GUARDRAIL	SHEET 862	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090223-XS-S2.DWG
LAYOUT NAME - 02

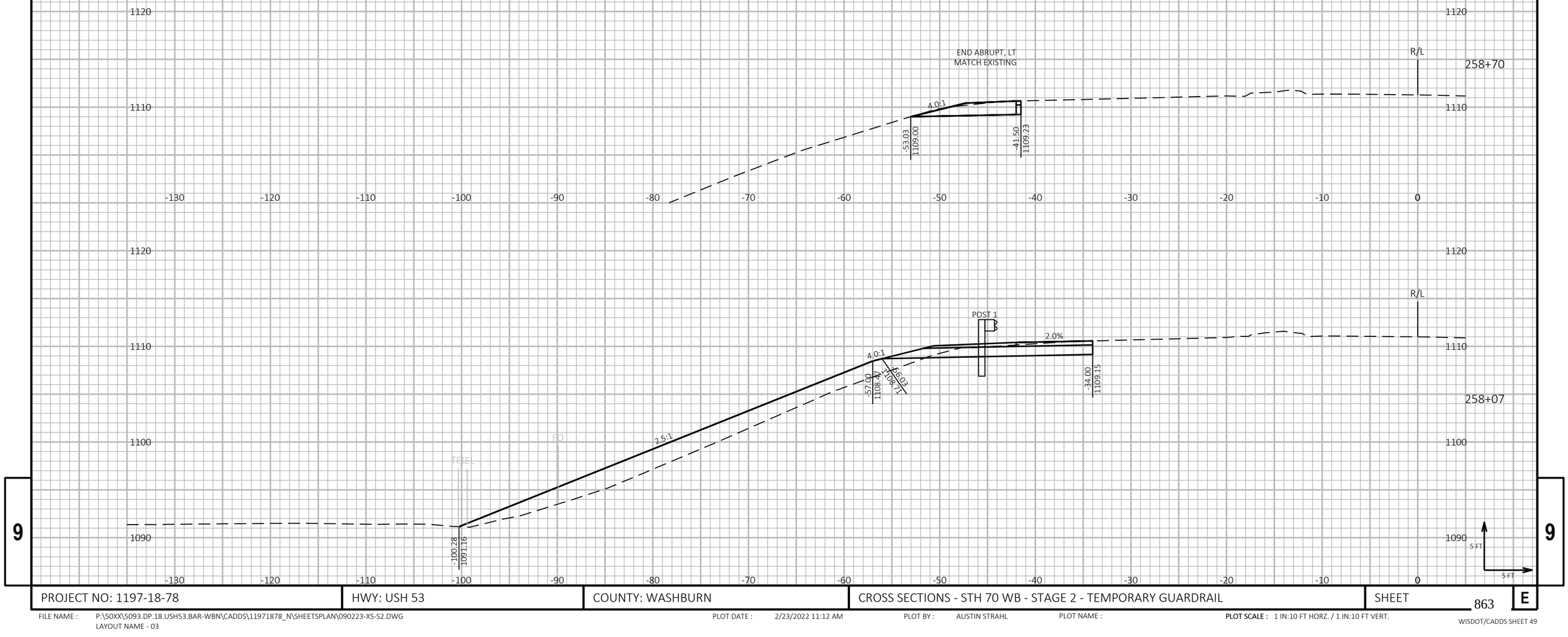
PLOT DATE : 2/23/2022 11:12 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 WB - STAGE 2 - TEMPORARY GUARDRAIL	SHEET 863	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090223-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/23/2022 11:12 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

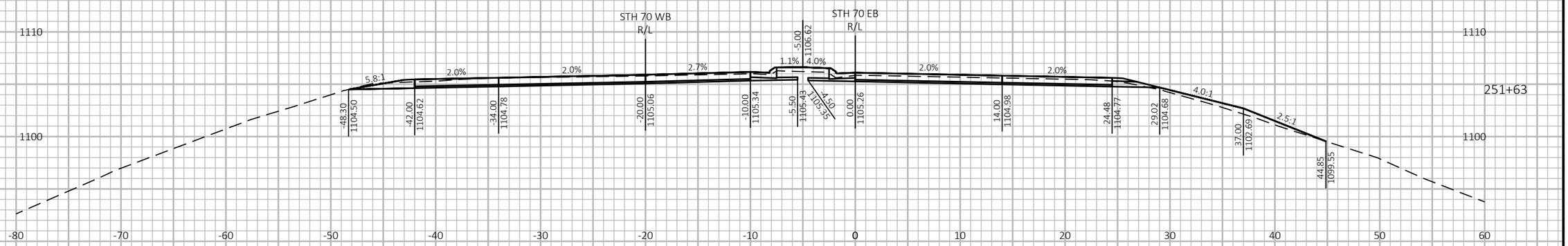
WISDOT/CADDS SHEET 49

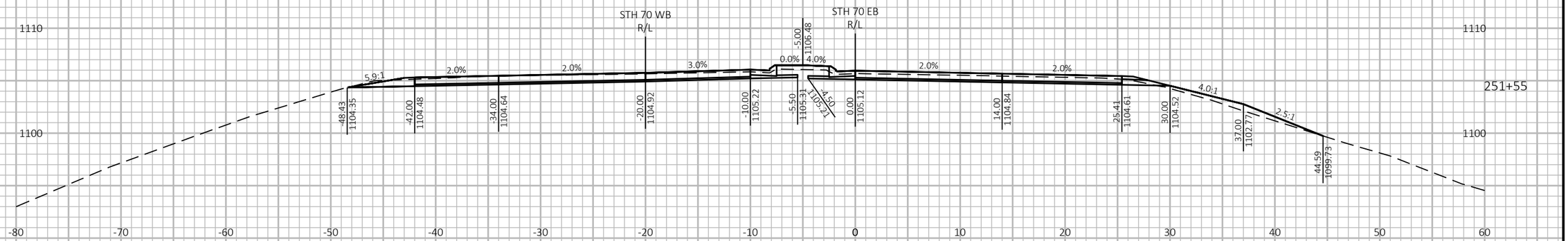
LEGEND

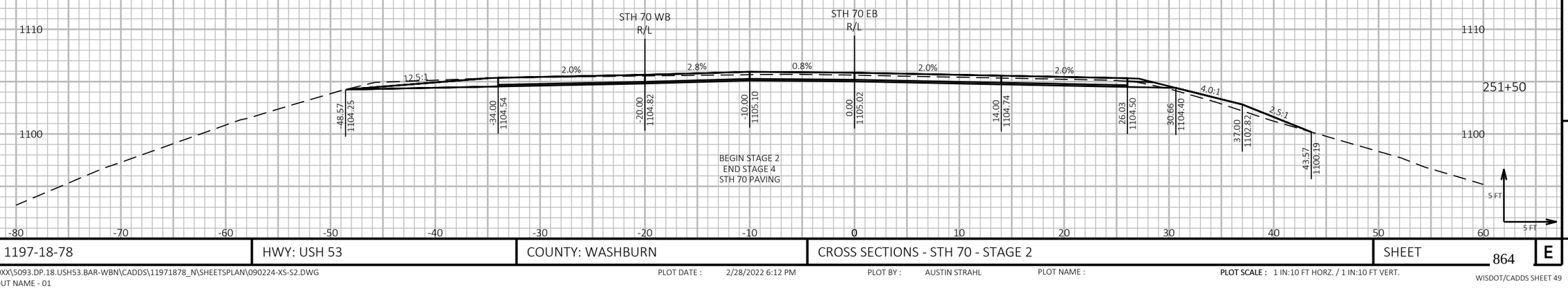
EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 864	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/28/2022 6:12 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

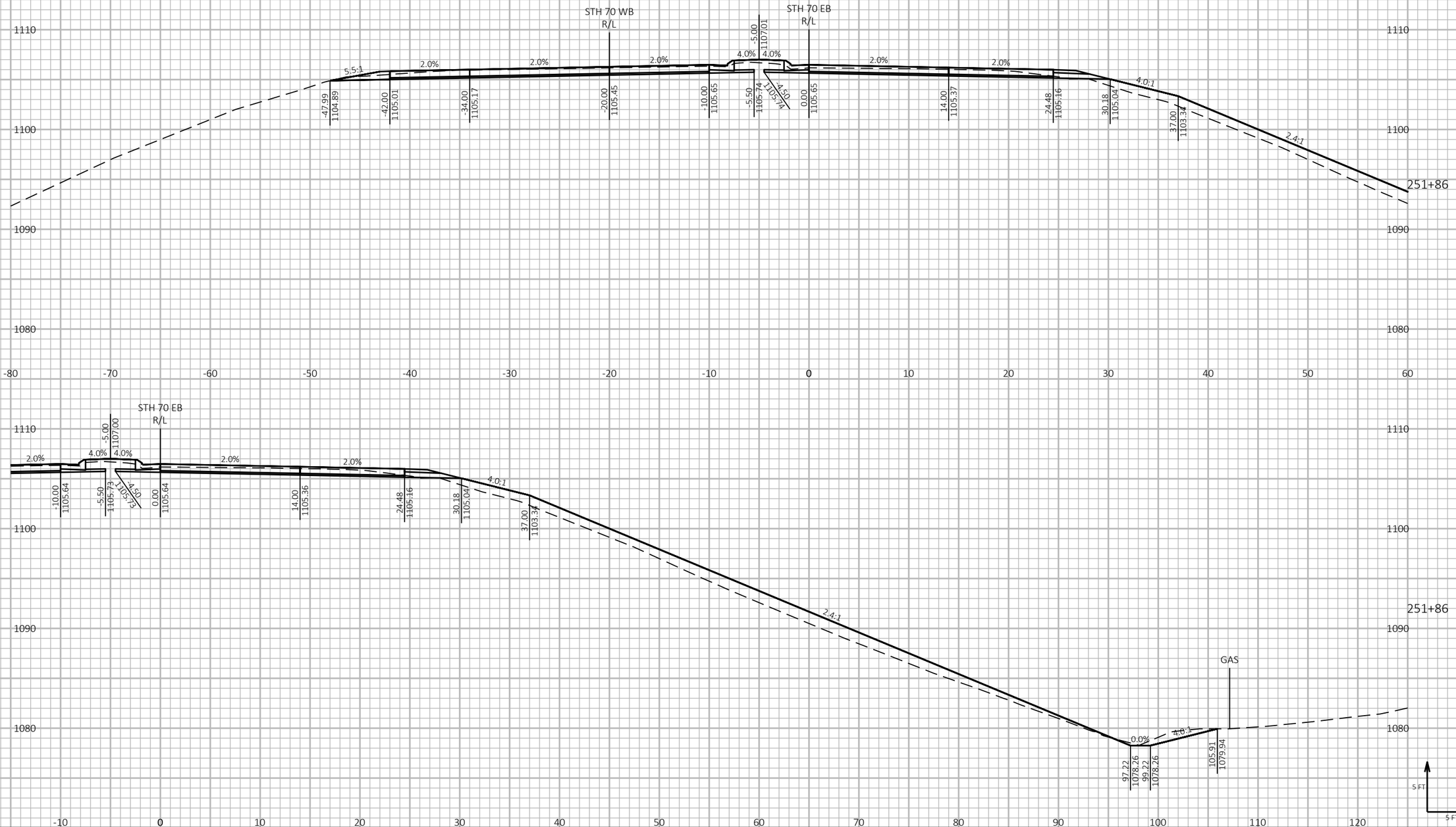
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 865	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/28/2022 6:12 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

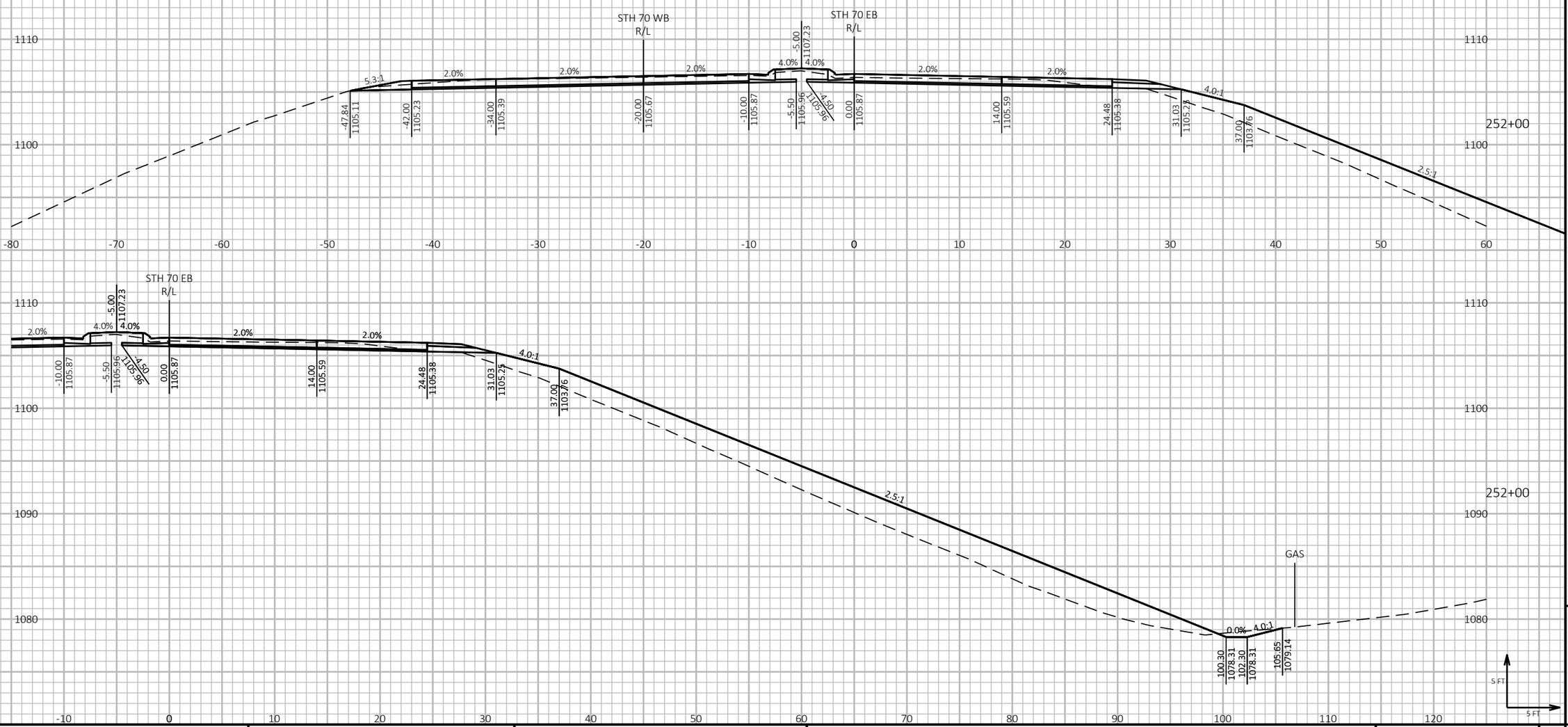
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 866	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/28/2022 6:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

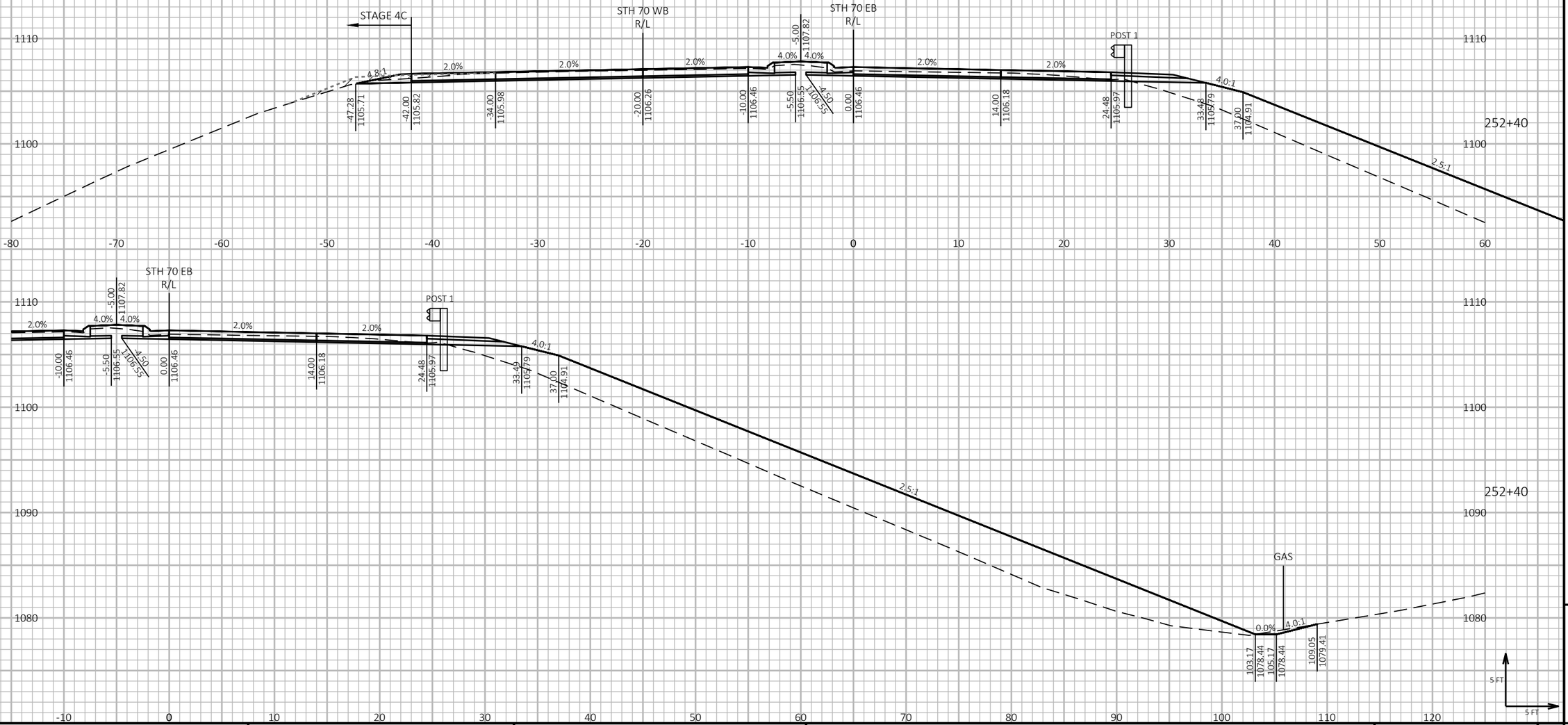
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 867	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 2/28/2022 6:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

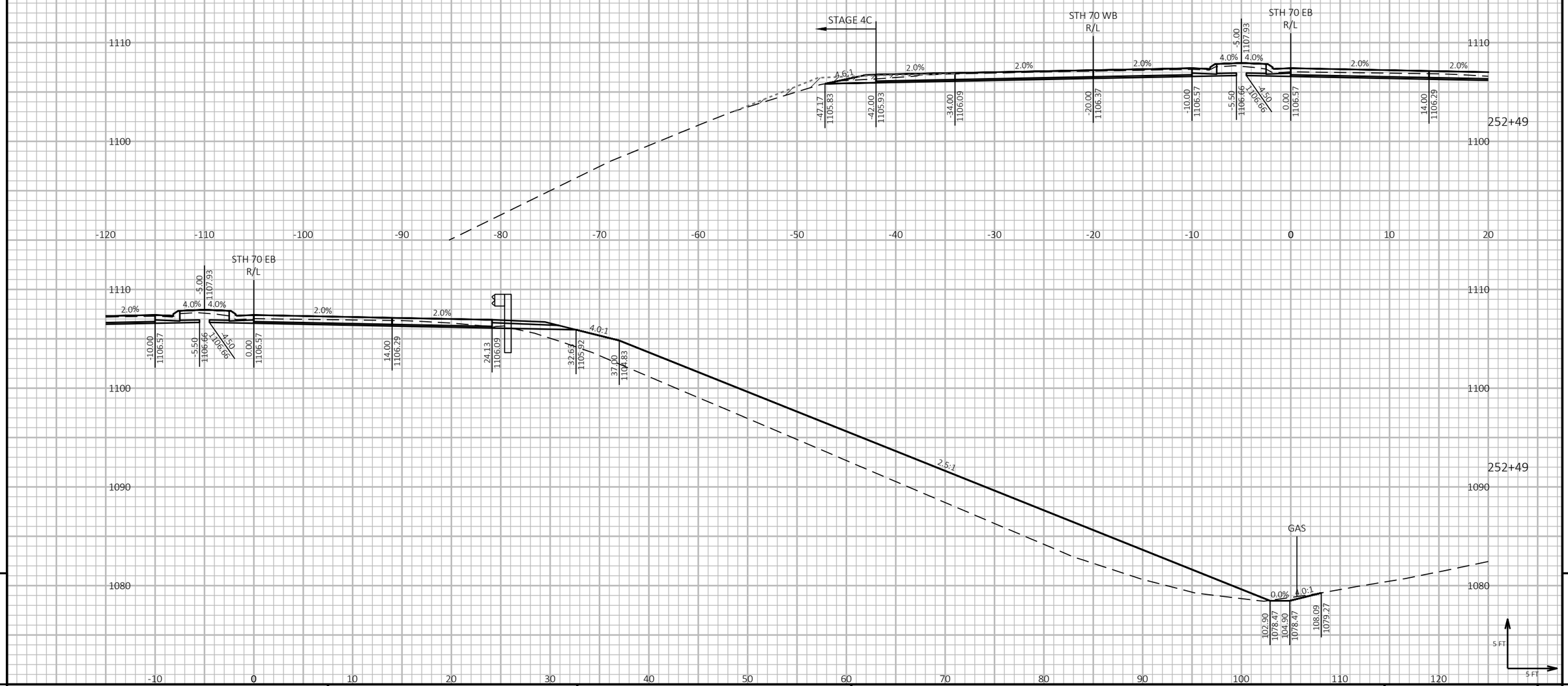
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 868	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 2/28/2022 6:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

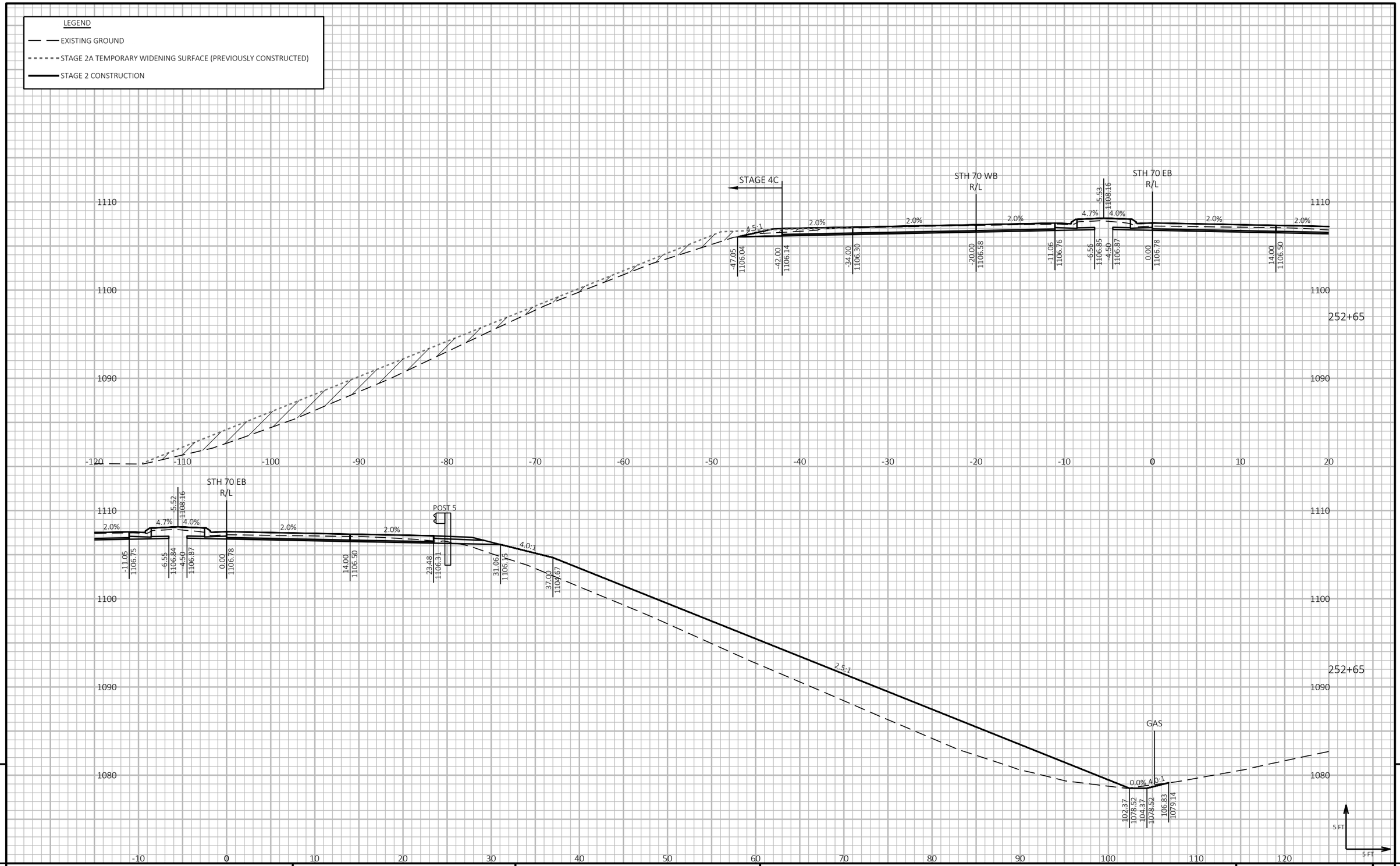
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 869	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 2/28/2022 6:14 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

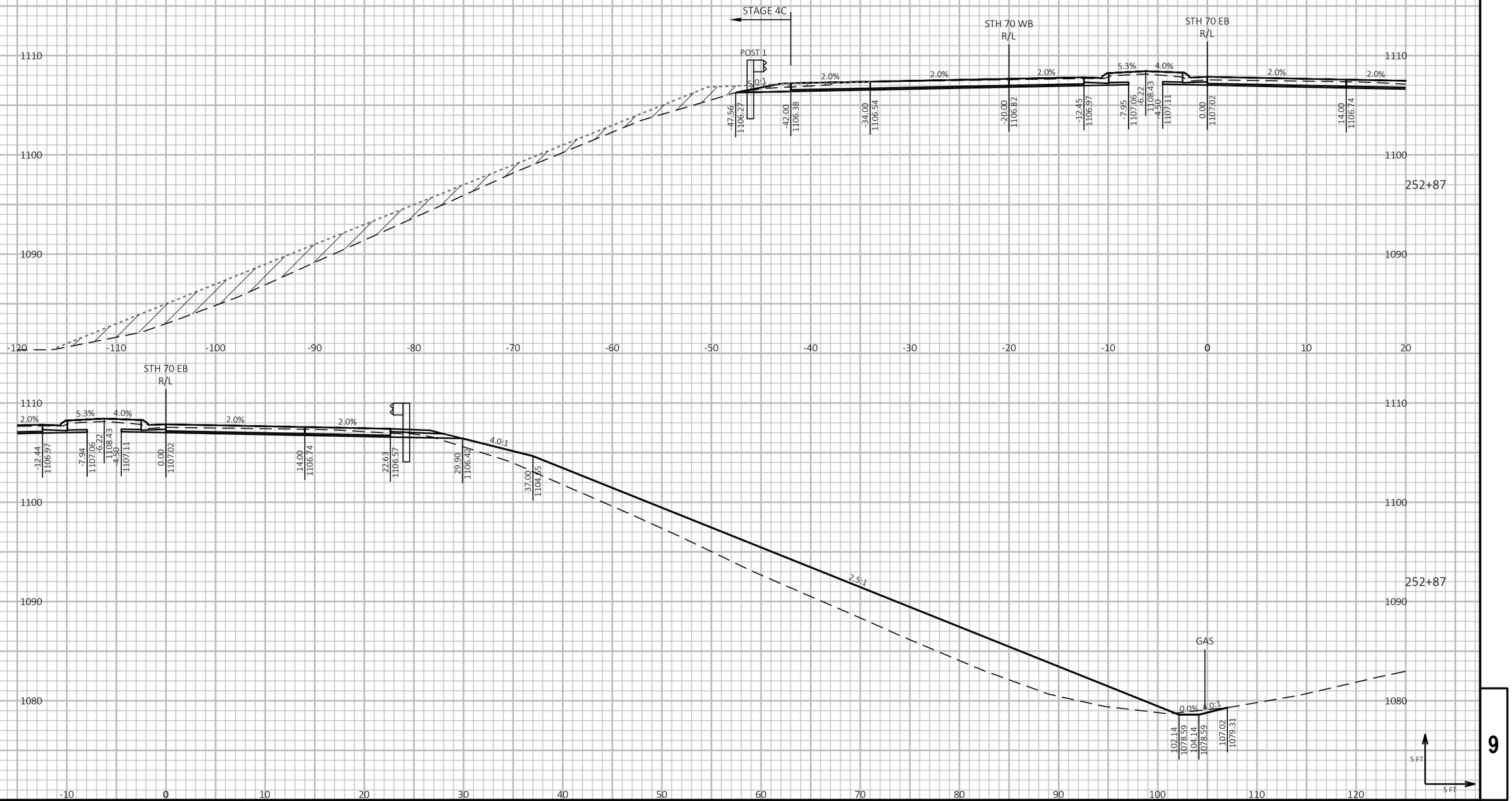
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 870	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 2/28/2022 6:14 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

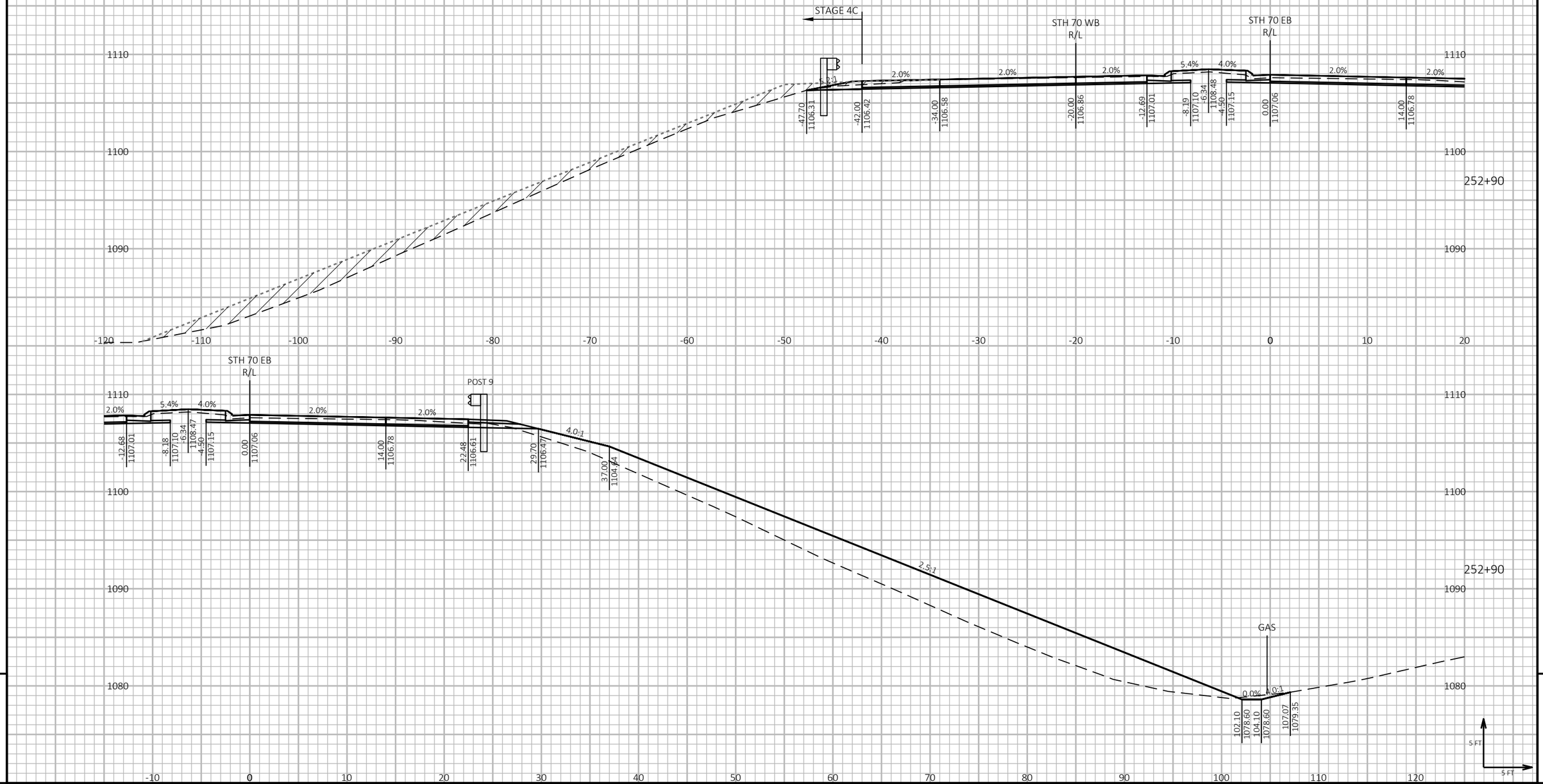
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 871	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 2/28/2022 6:14 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

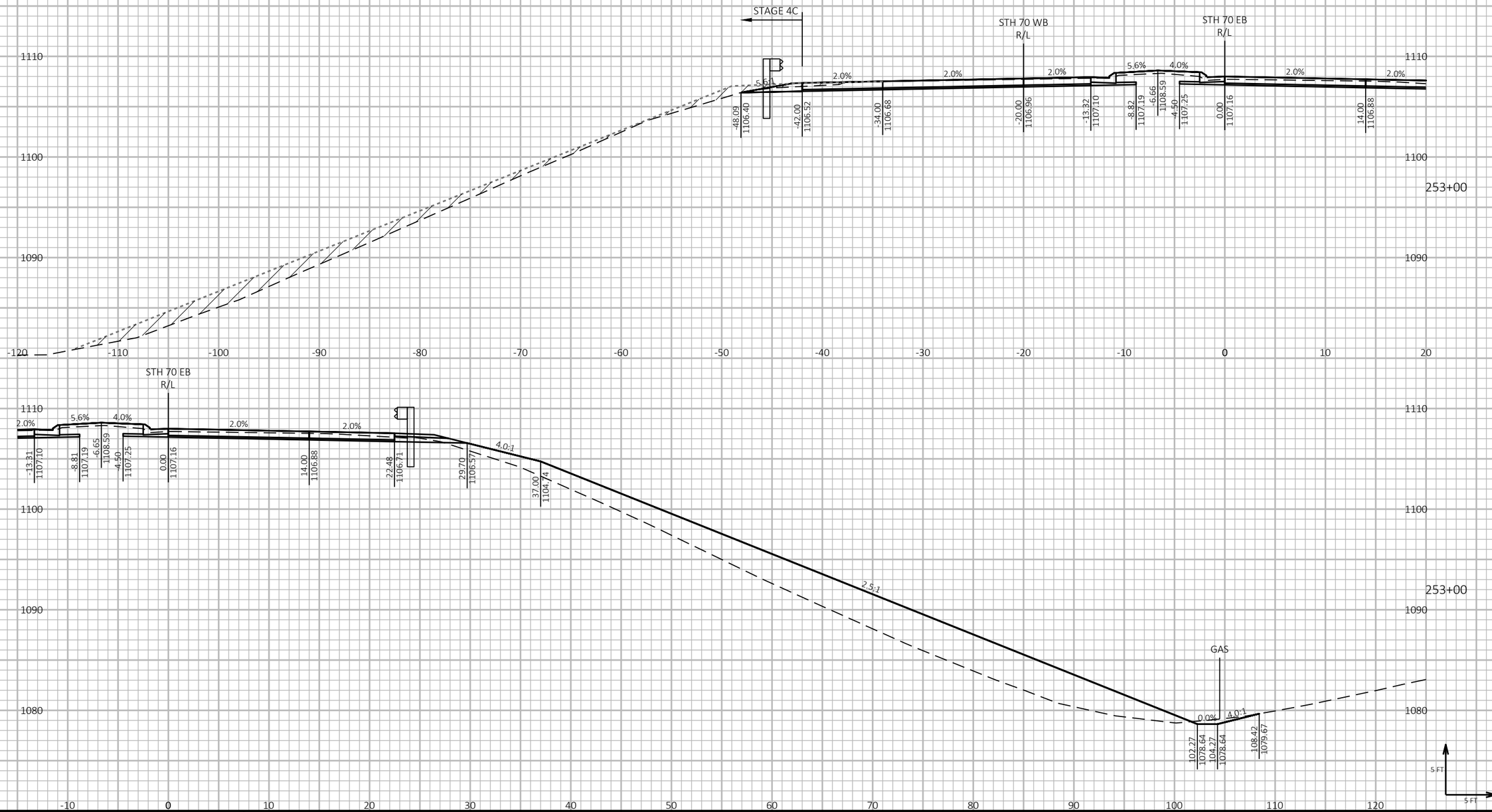
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 872 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 2/28/2022 6:15 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

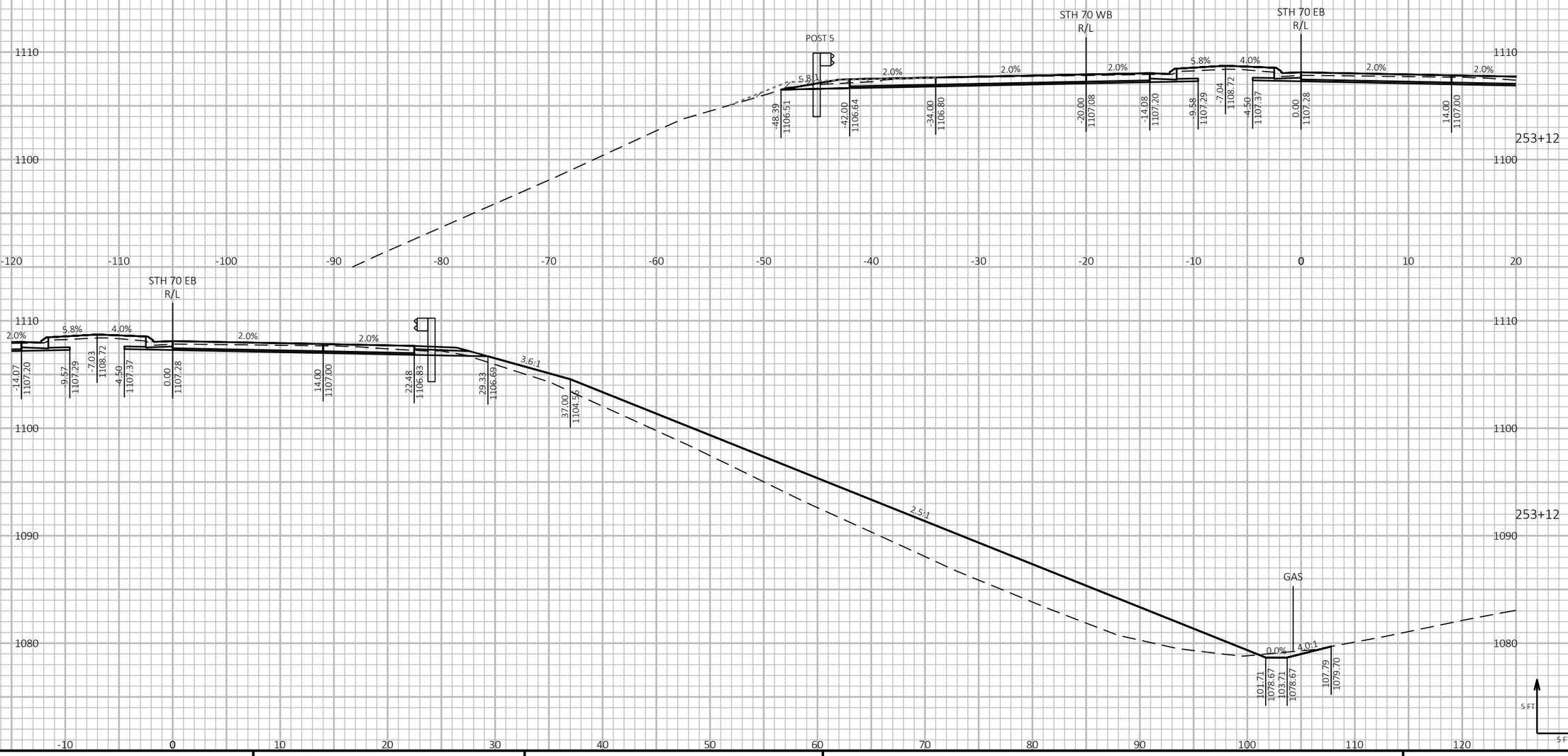
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 873	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 2/28/2022 6:15 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

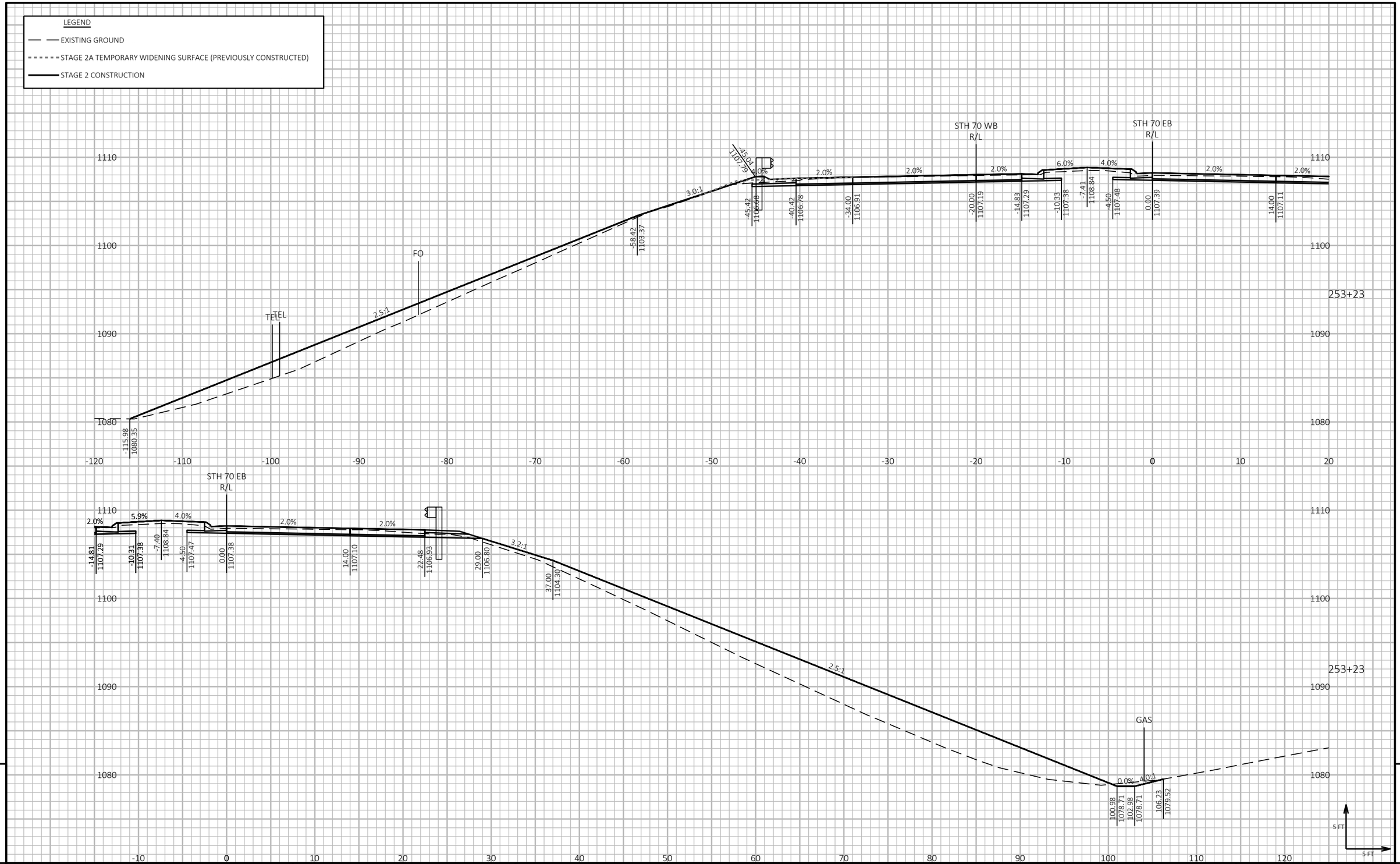
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 874	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 2/28/2022 6:15 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

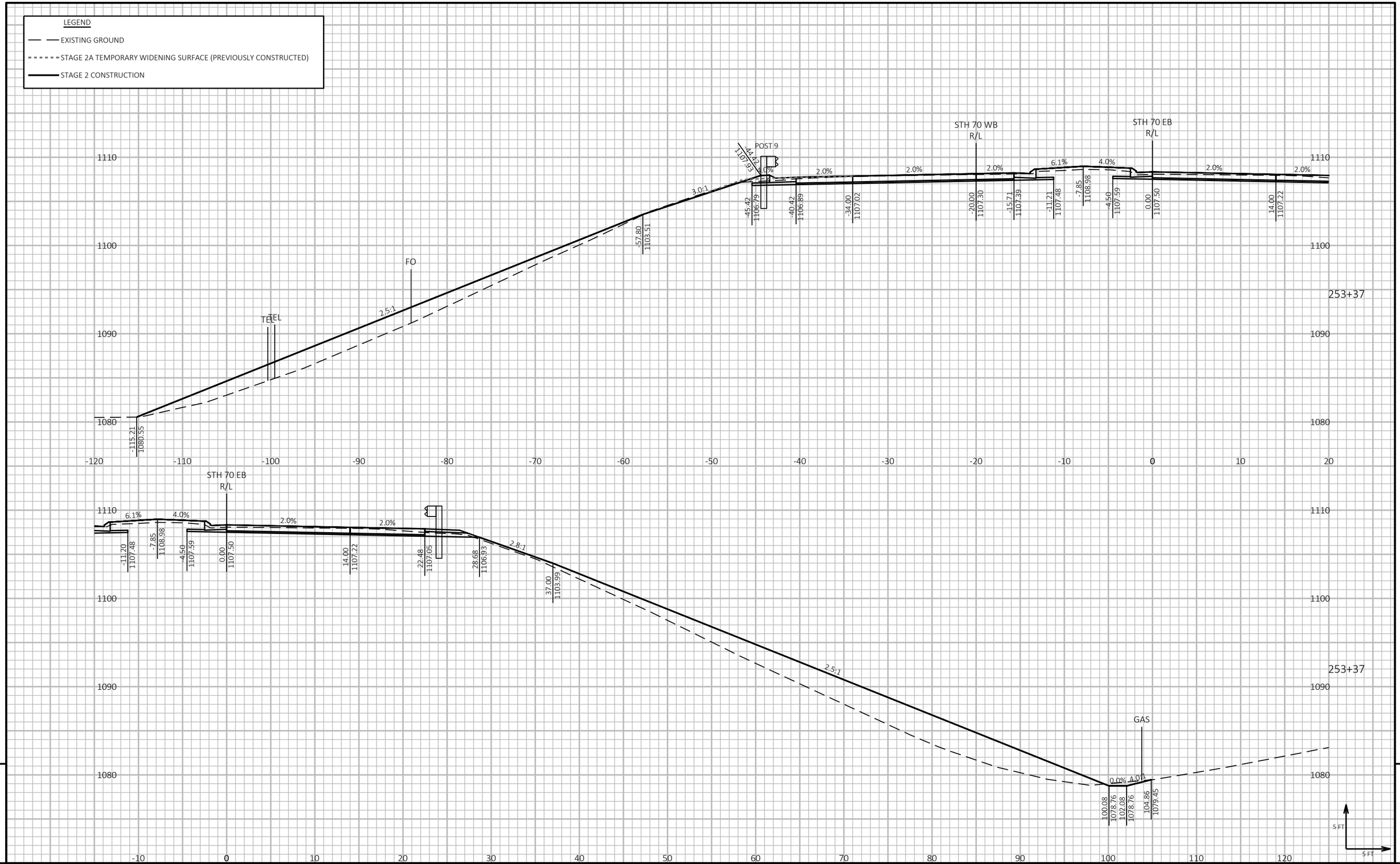
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 875	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 12

PLOT DATE : 2/28/2022 6:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

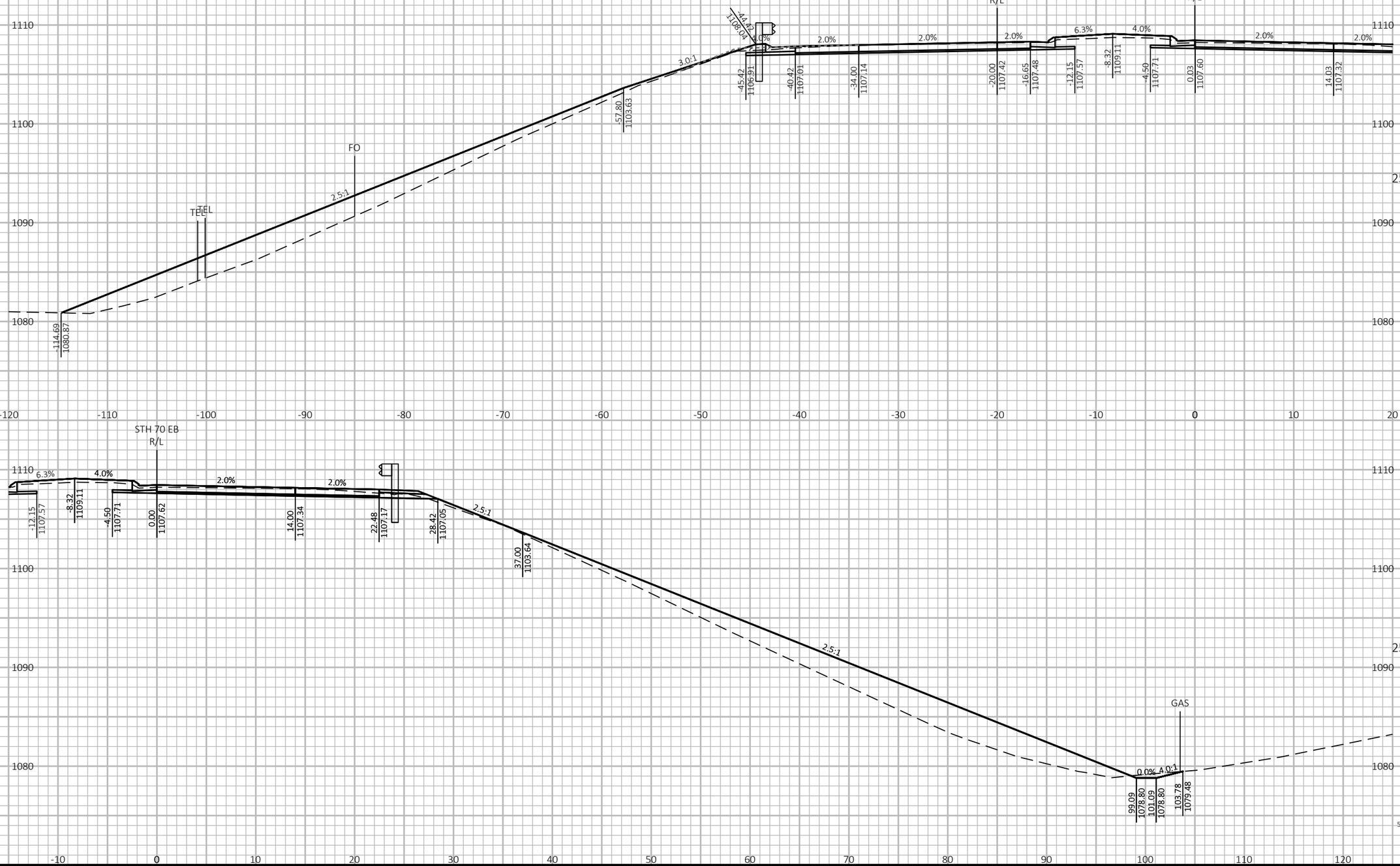
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 876	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 2/28/2022 6:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

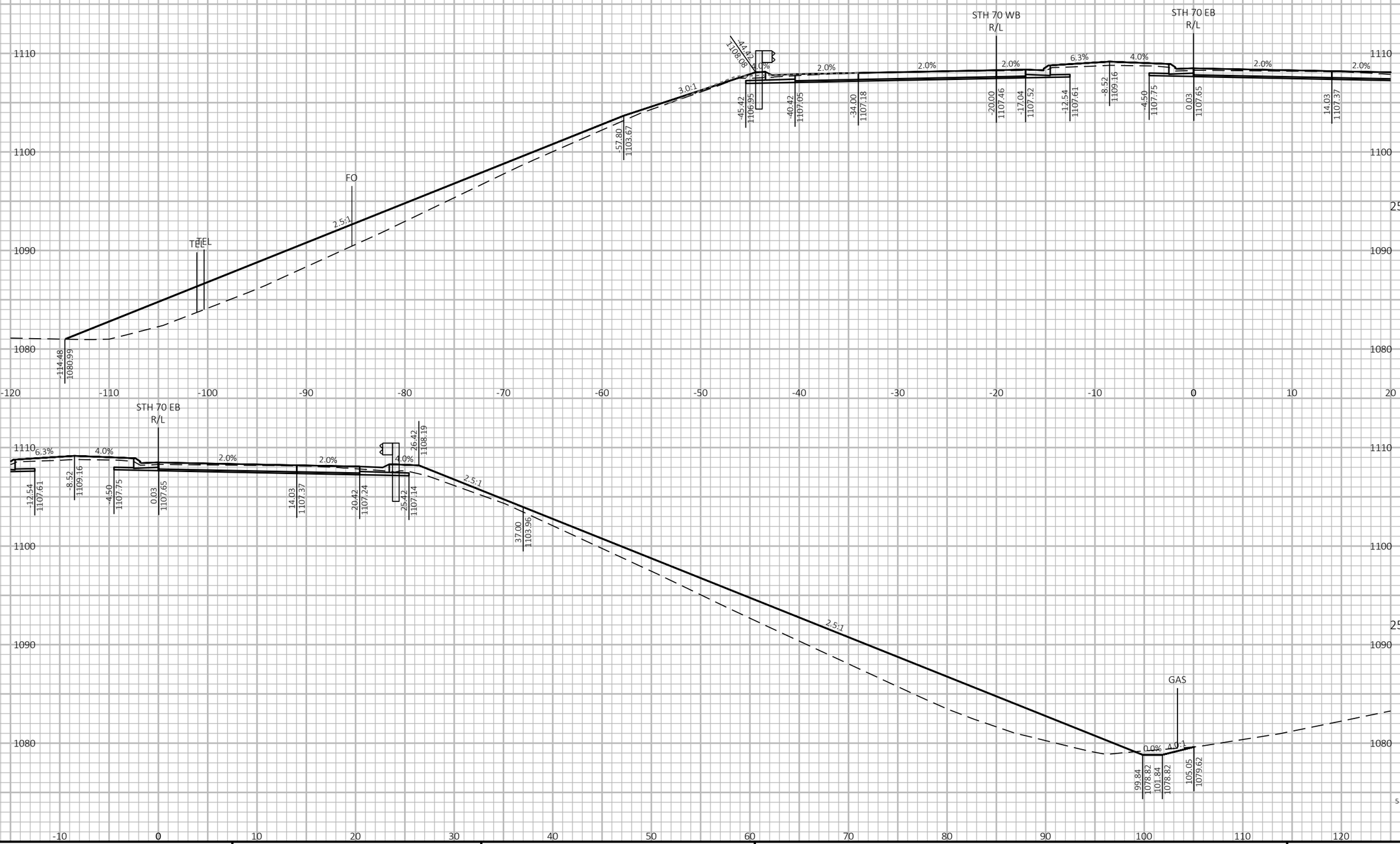
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 877	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 2/28/2022 6:16 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

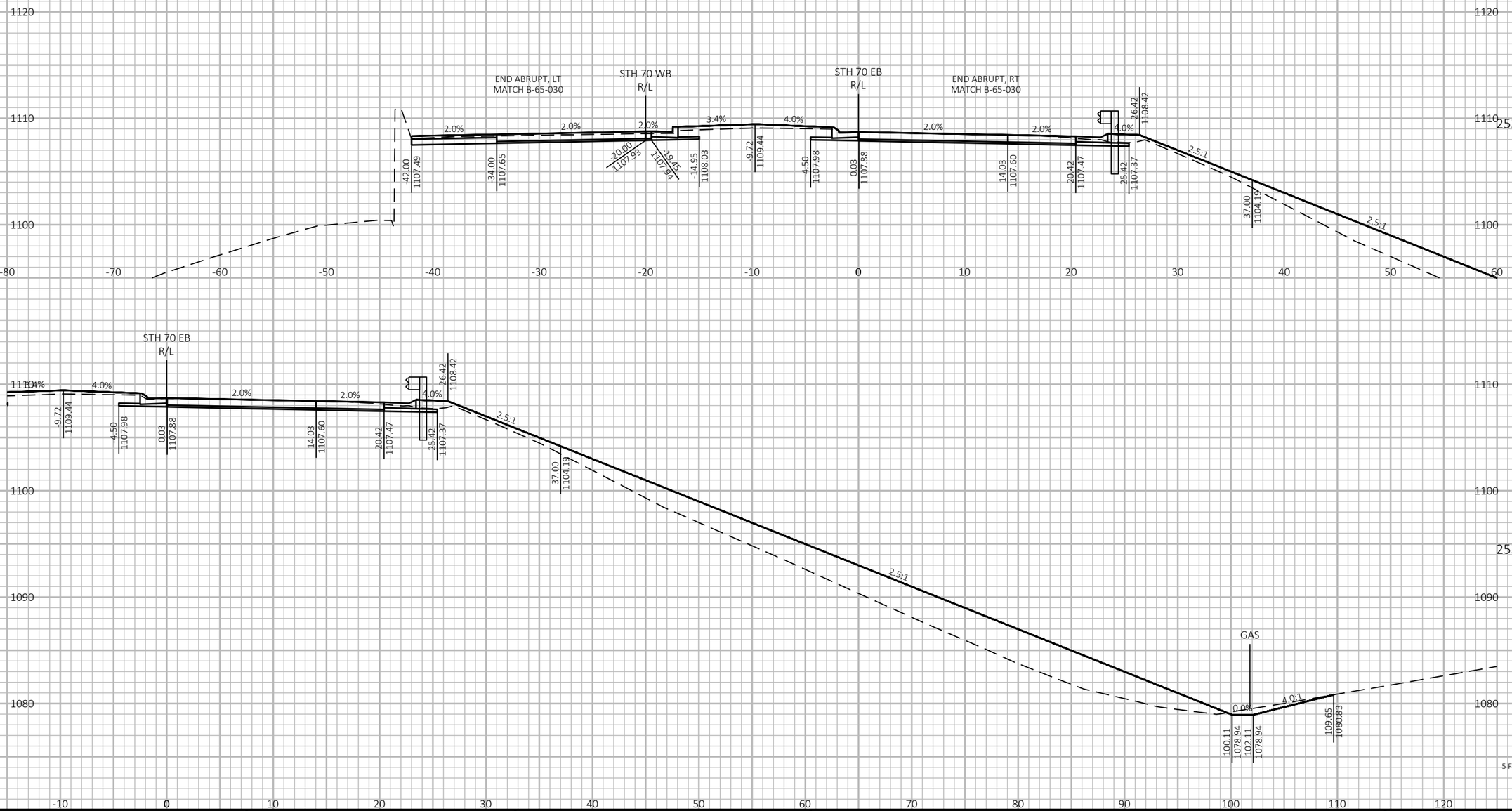
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 878	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 2/28/2022 6:17 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

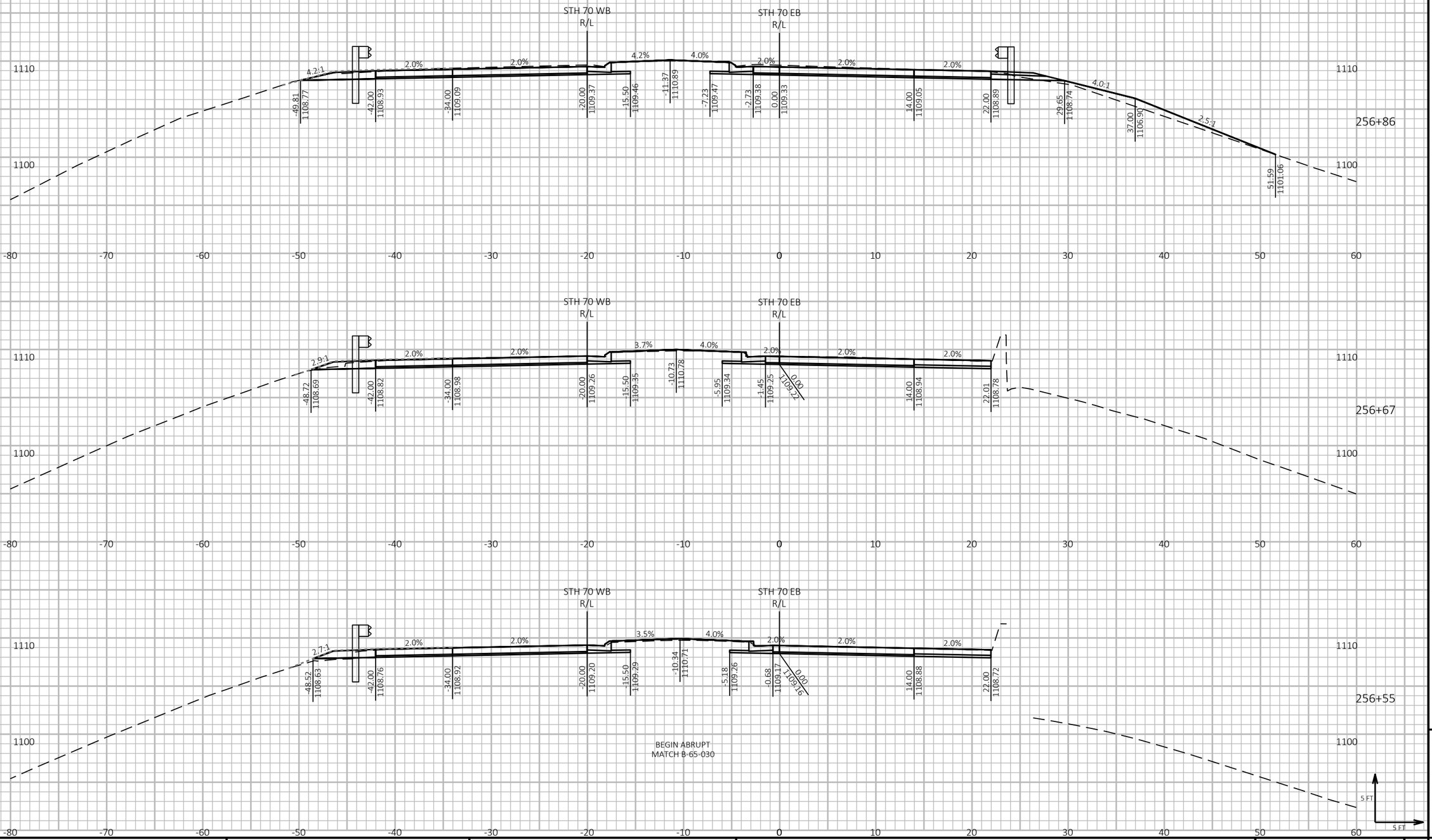
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 879	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 16

PLOT DATE : 2/28/2022 6:17 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

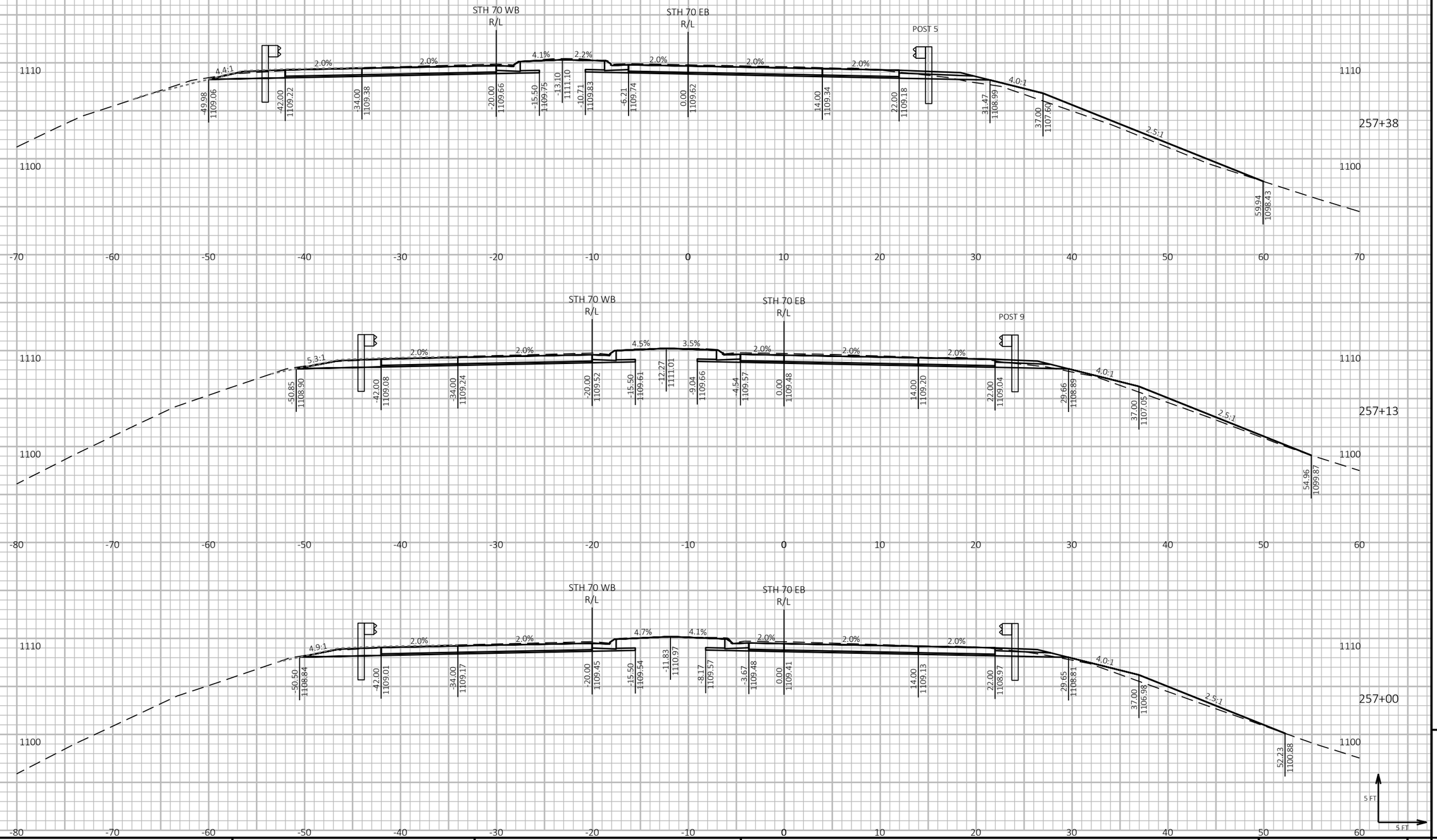
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 880	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 17

PLOT DATE : 2/28/2022 6:17 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

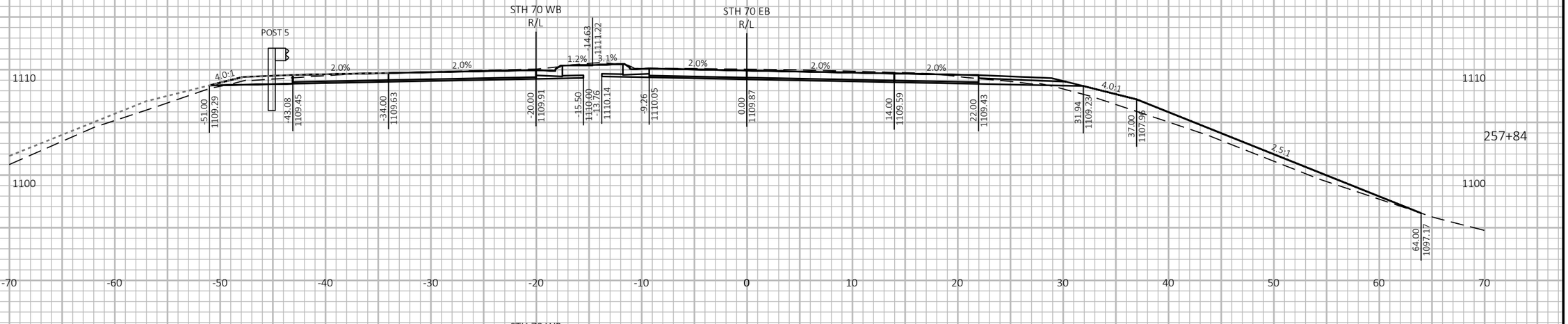
WISDOT/CADDS SHEET 49

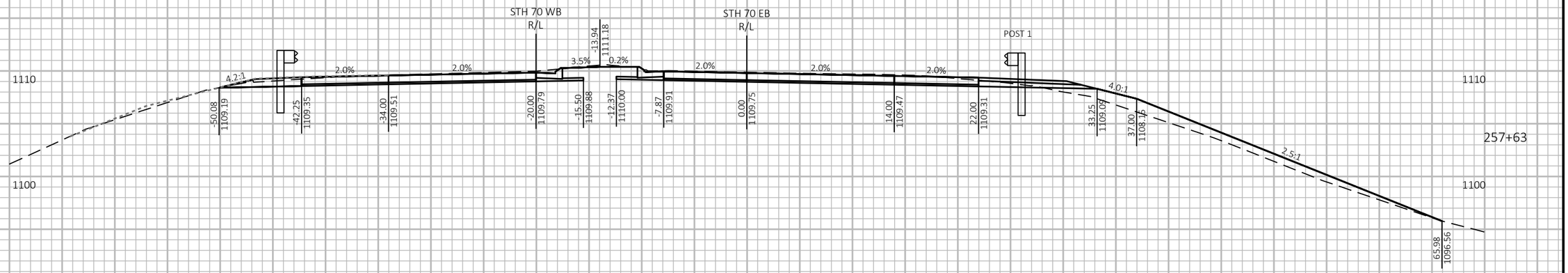
LEGEND

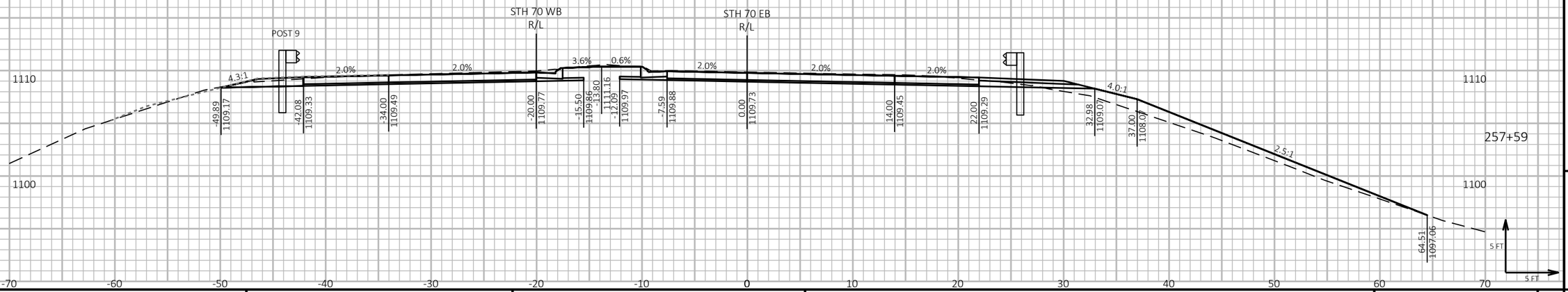
EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 881	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 18

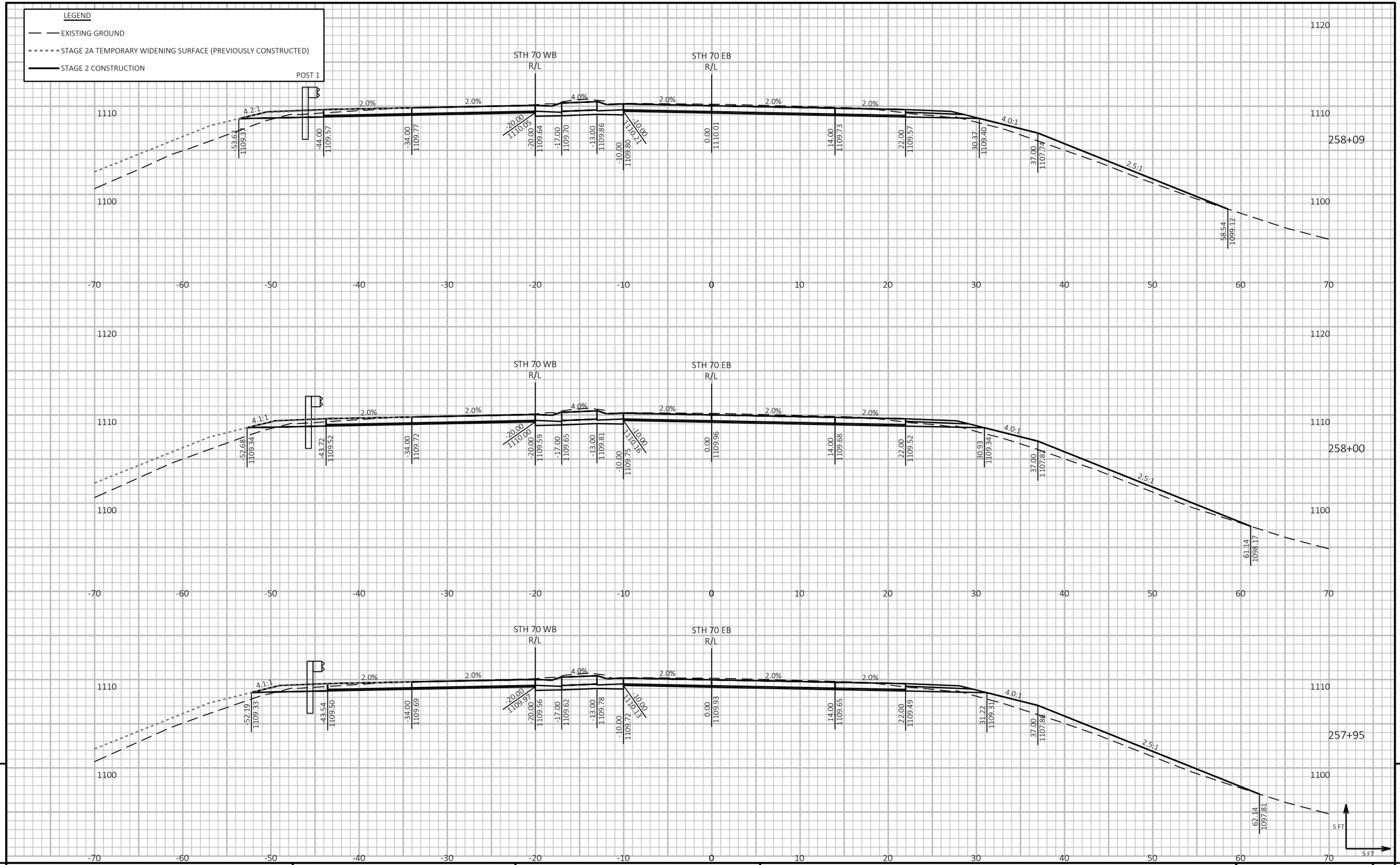
PLOT DATE : 2/28/2022 6:18 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 882	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 19

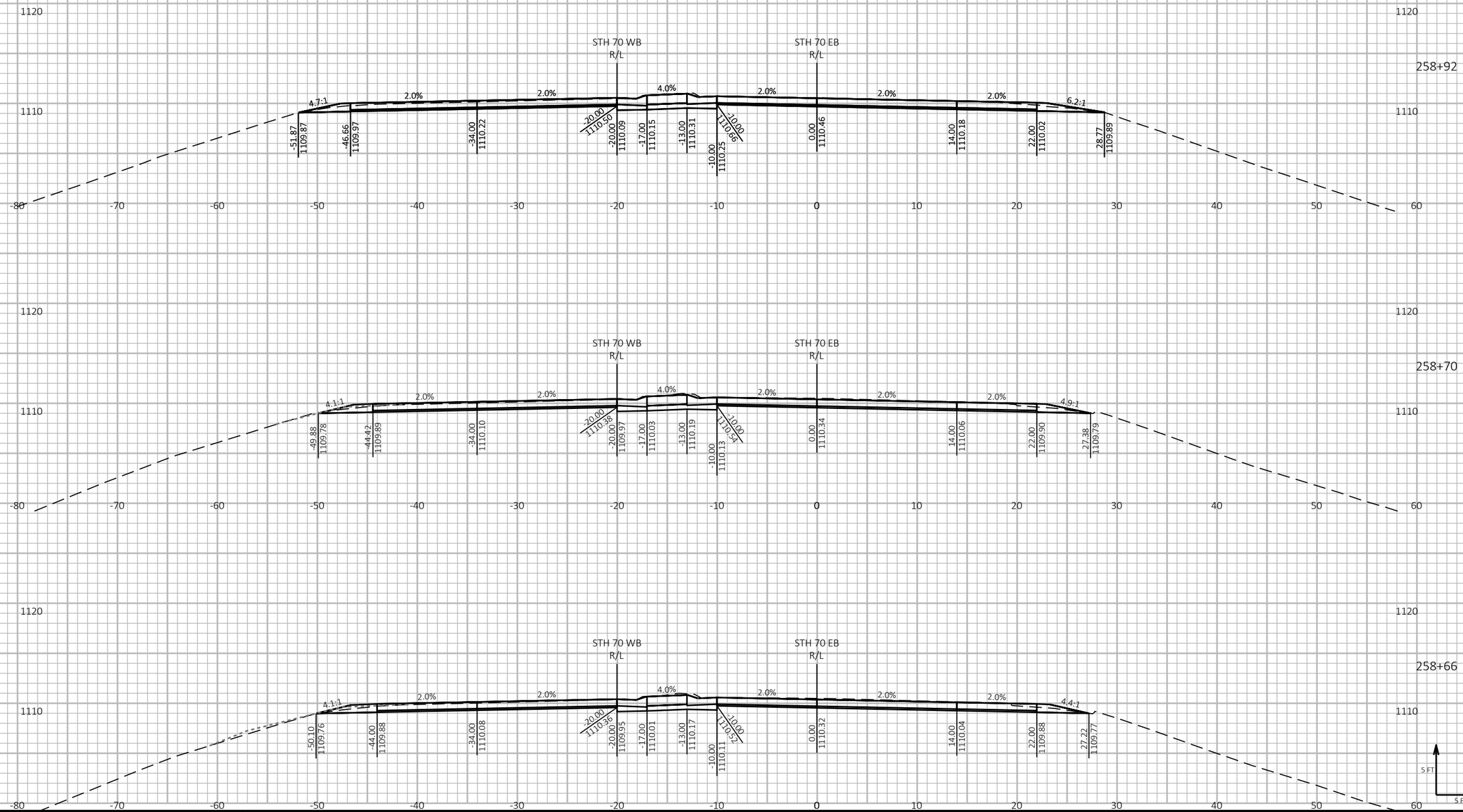
PLOT DATE : 2/28/2022 6:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 883	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 20

PLOT DATE : 2/28/2022 6:18 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

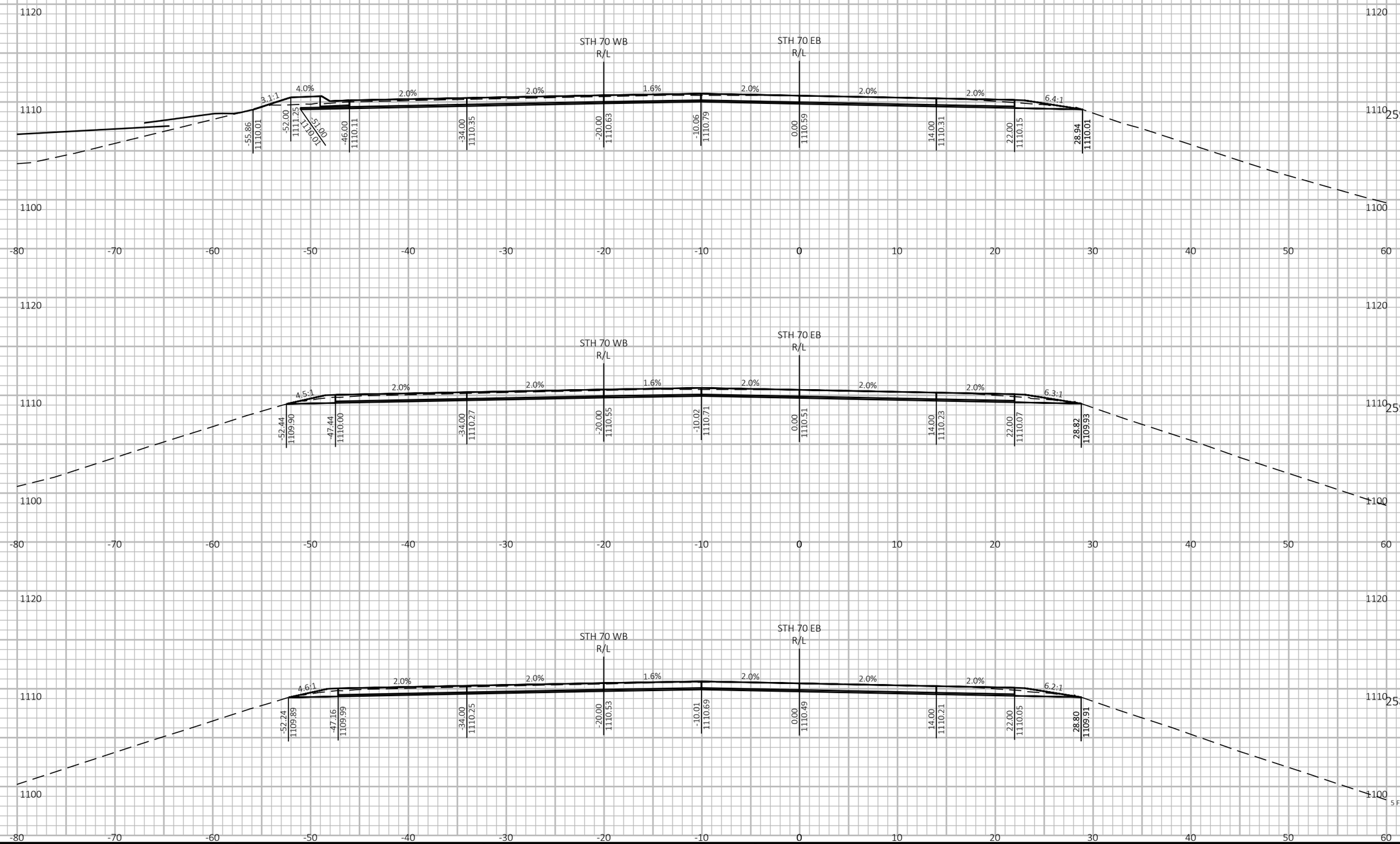
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 884	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 21

PLOT DATE : 2/28/2022 6:19 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

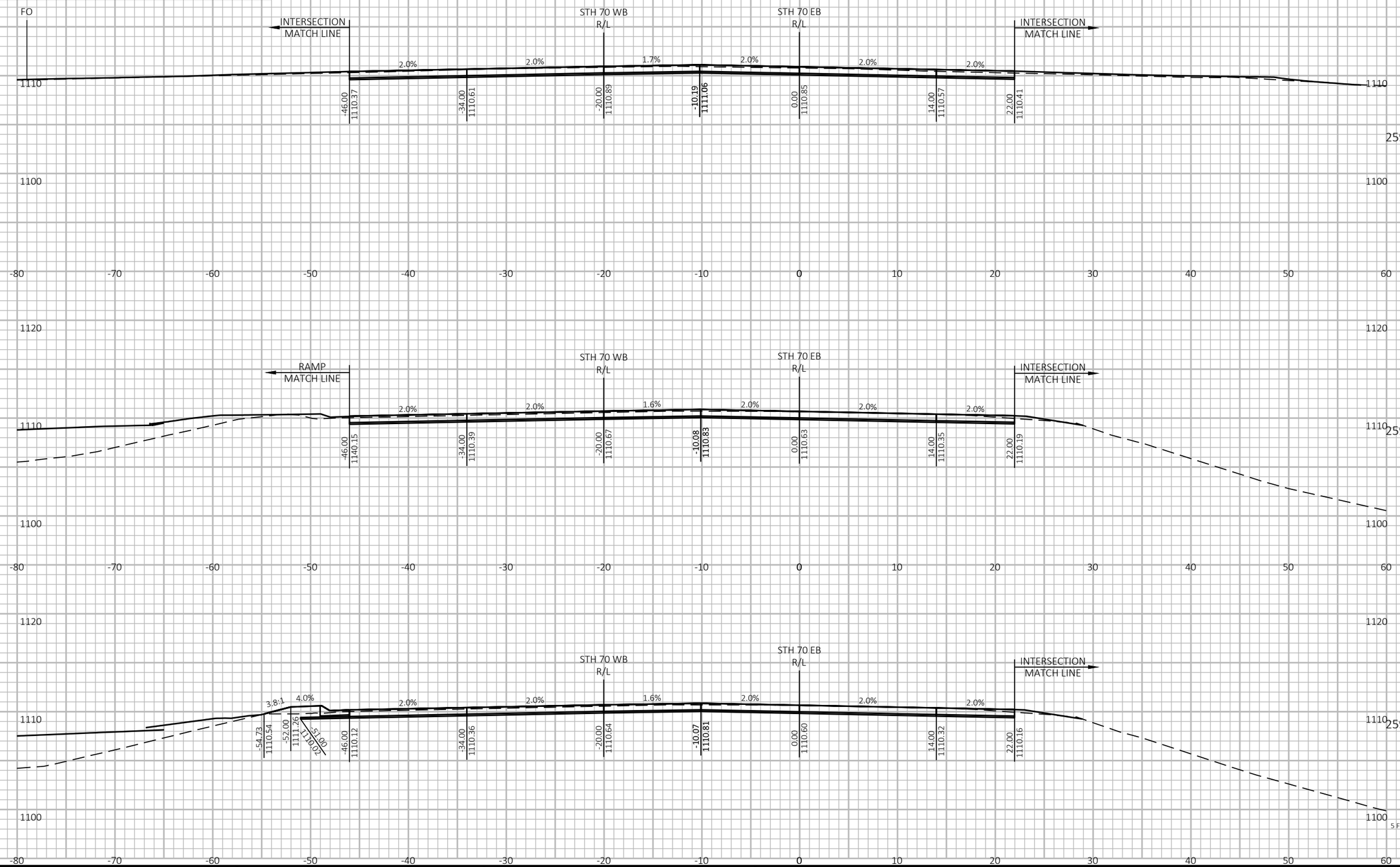
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



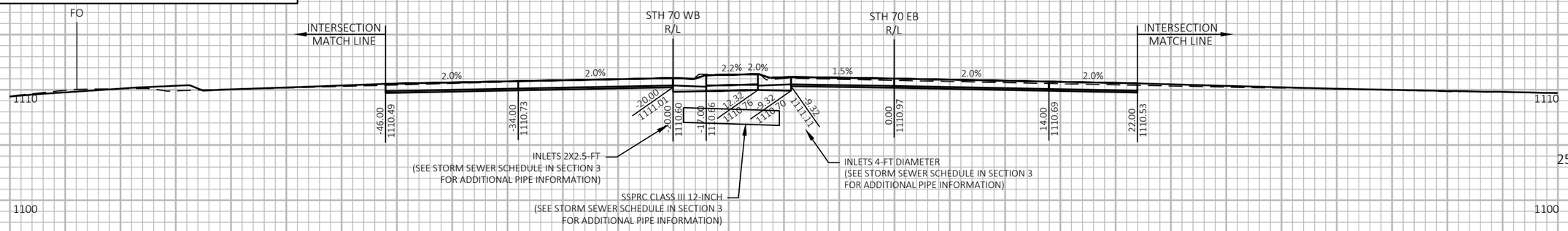
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 885	E

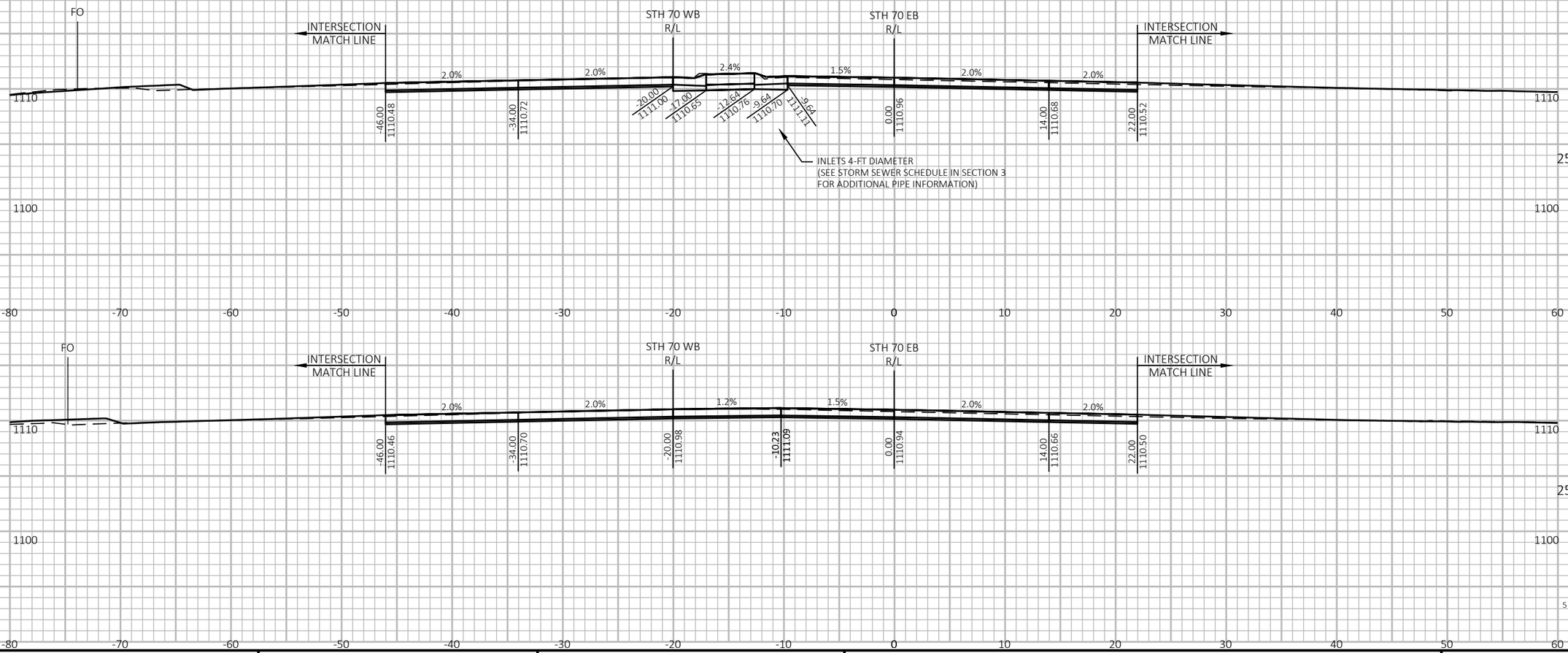
LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 886	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 23

PLOT DATE : 2/28/2022 6:19 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

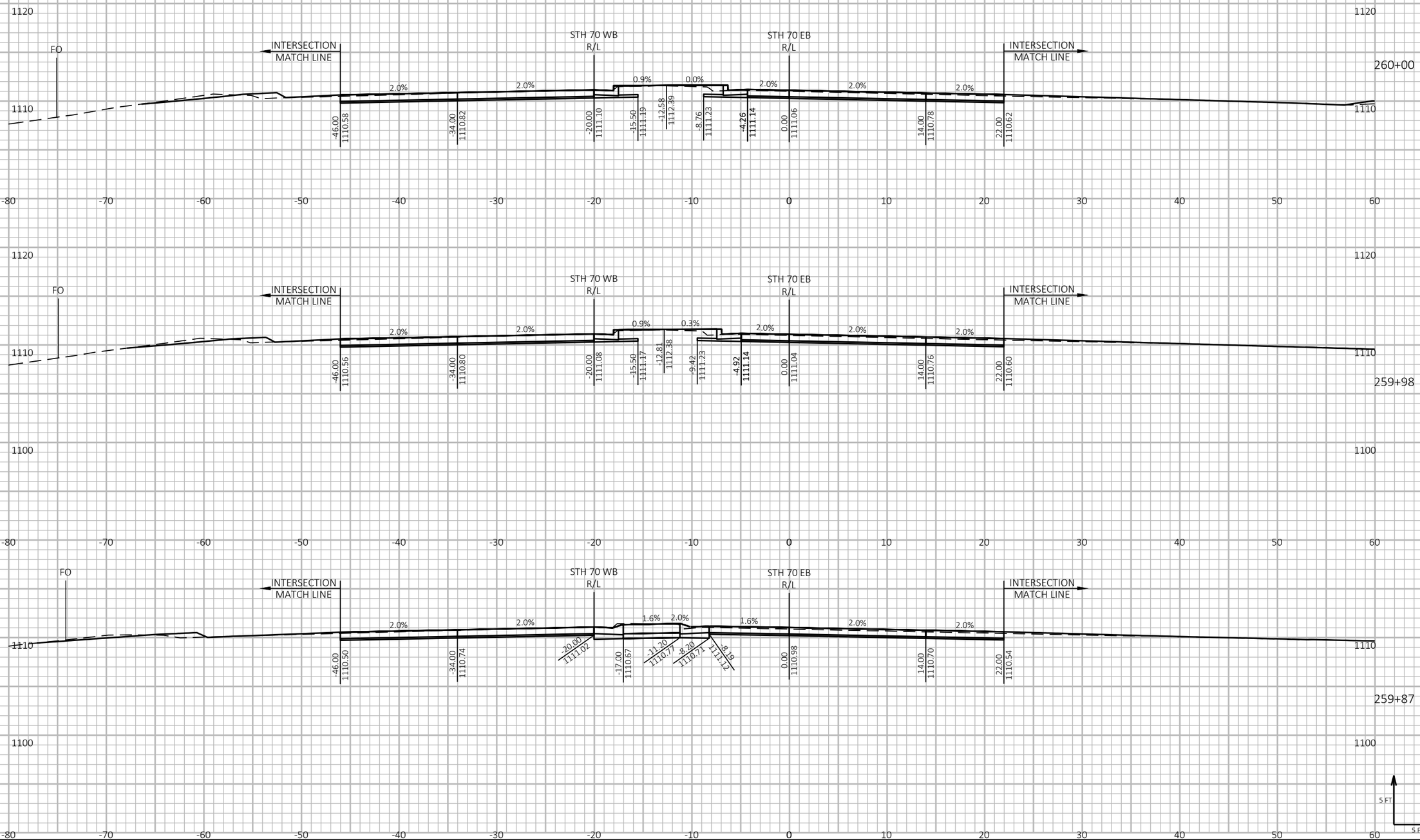
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 887	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 24

PLOT DATE : 2/28/2022 6:20 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

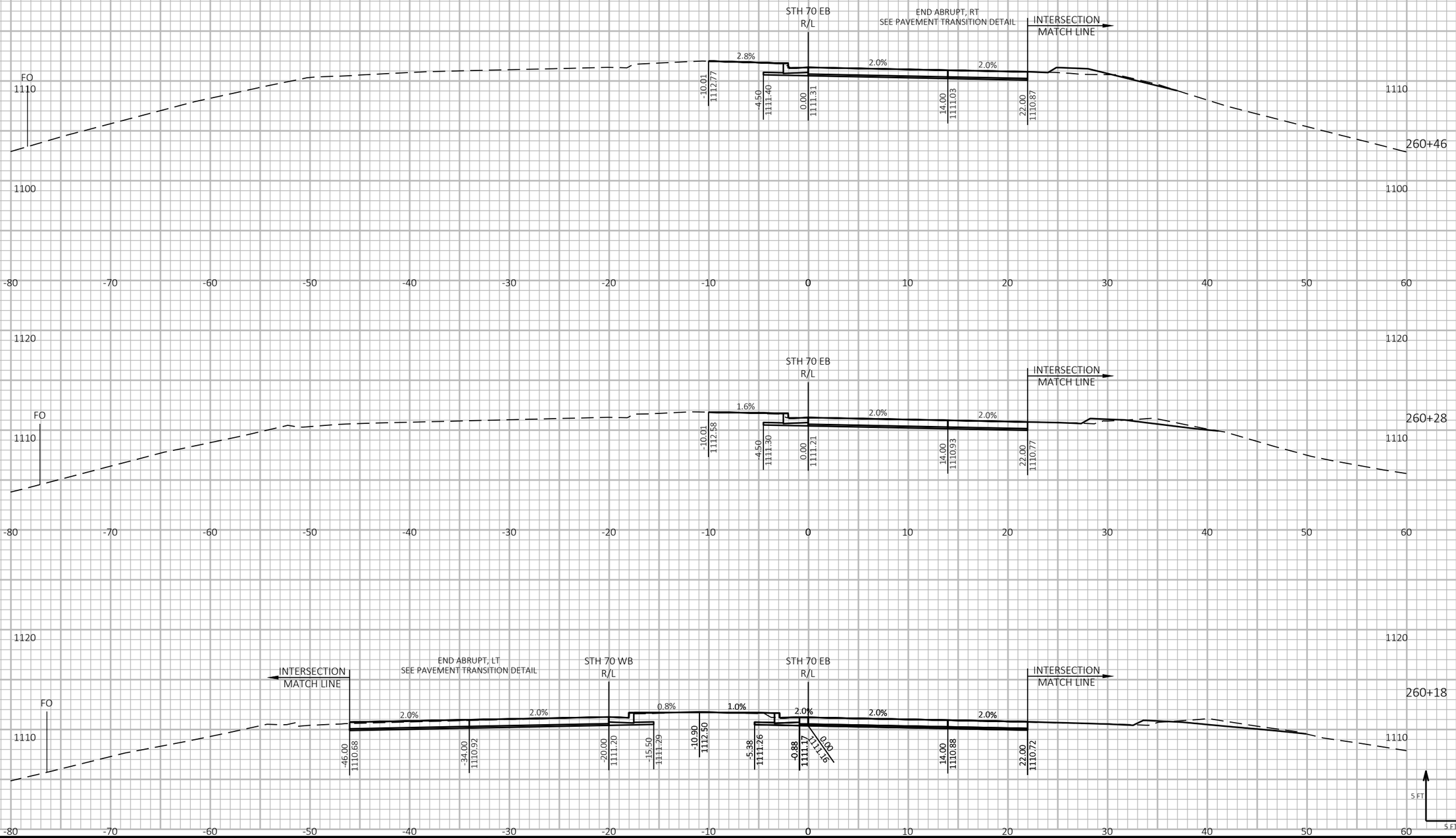
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 2A TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 2	SHEET 888	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090224-XS-S2.DWG
LAYOUT NAME - 25

PLOT DATE : 2/28/2022 6:20 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

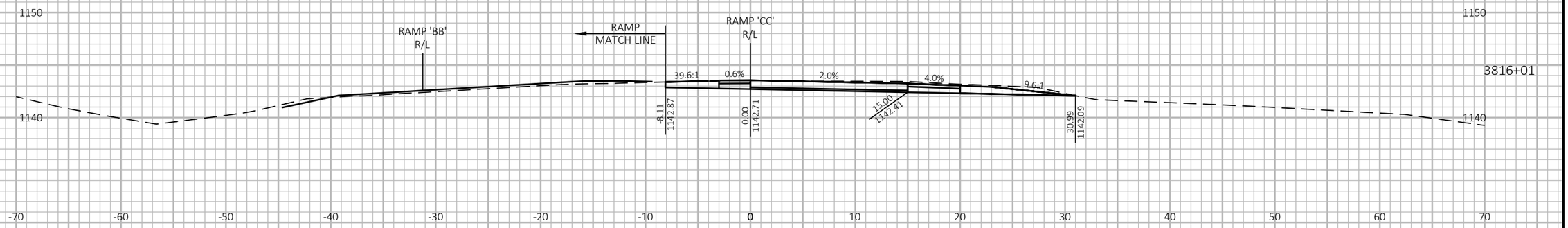
WISDOT/CADDS SHEET 49

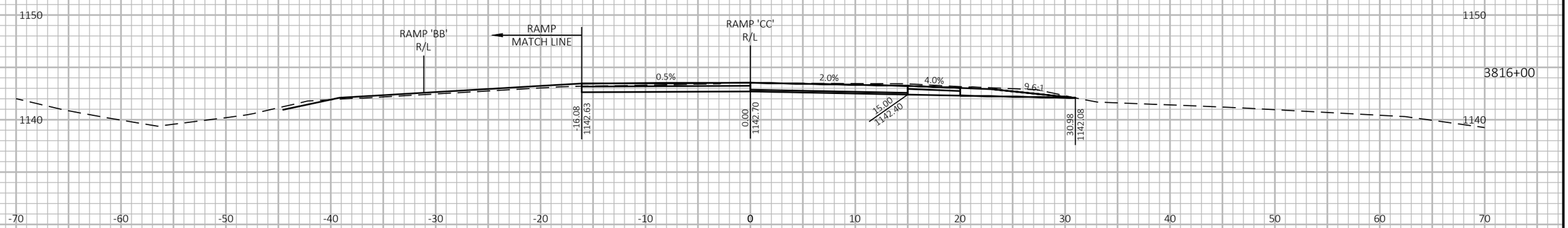
LEGEND

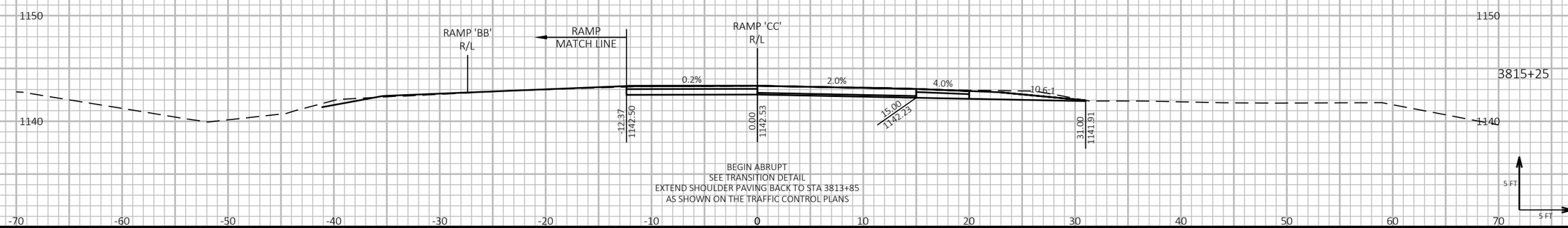
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







BEGIN ABRUPT
SEE TRANSITION DETAIL
EXTEND SHOULDER PAVING BACK TO STA 3813+85
AS SHOWN ON THE TRAFFIC CONTROL PLANS

9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE - STAGE 2	SHEET 889	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/28/2022 8:38 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

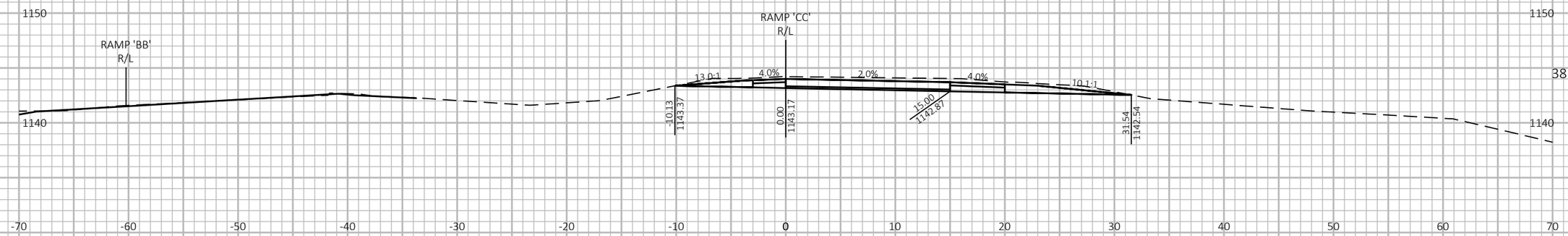
WISDOT/CADDS SHEET 49

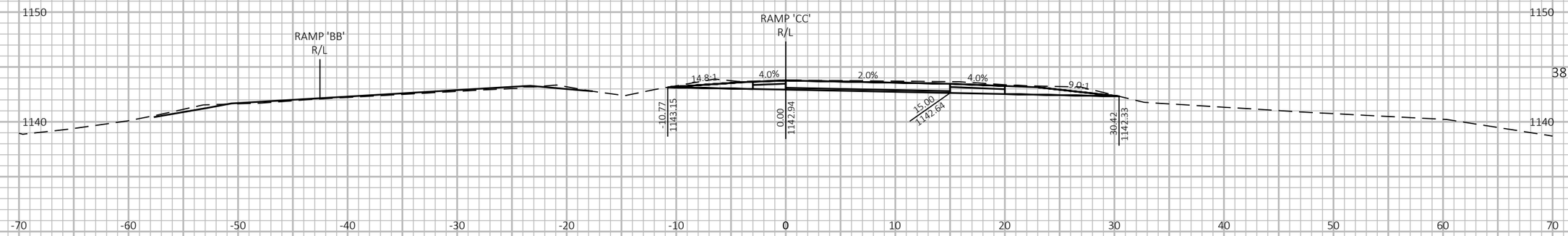
LEGEND

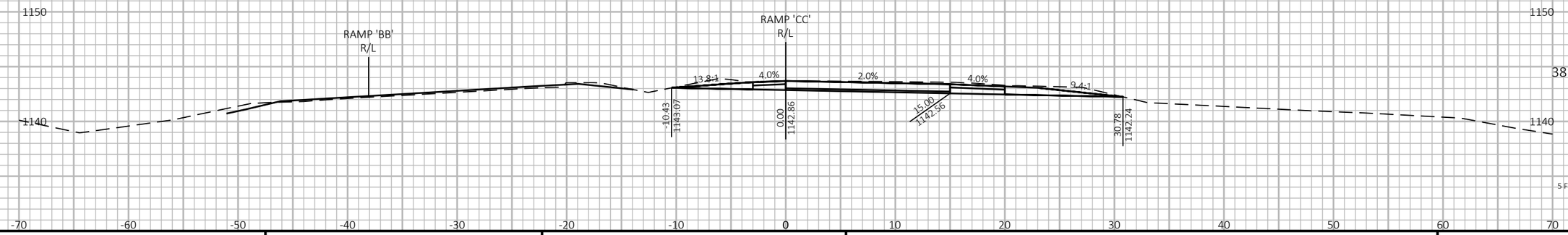
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE - STAGE 2	SHEET 890	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/28/2022 8:38 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

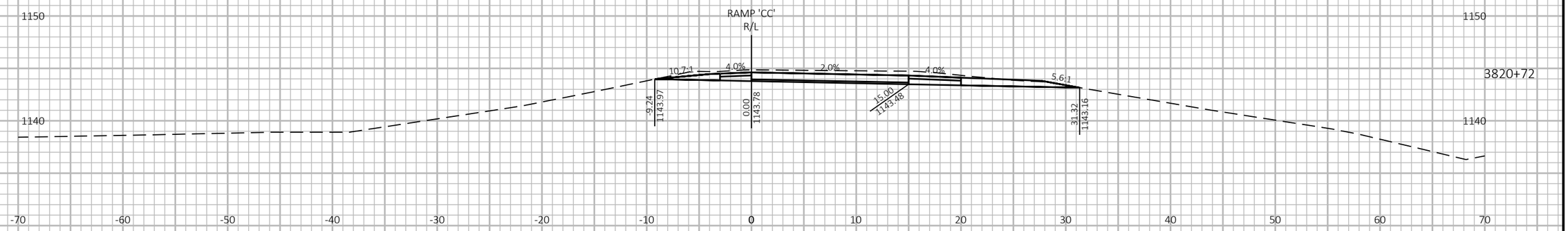
WISDOT/CADDS SHEET 49

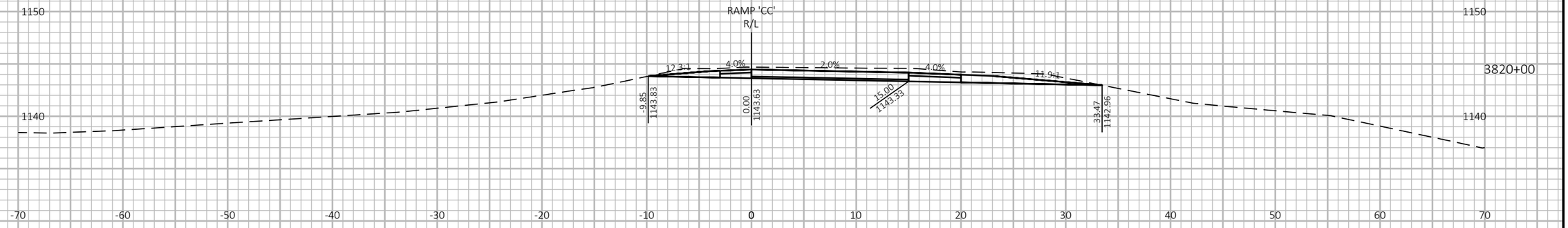
LEGEND

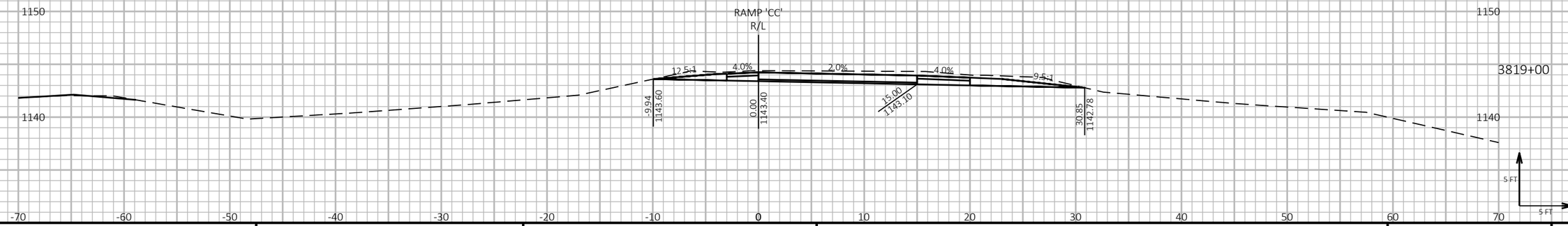
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE - STAGE 2	SHEET 891	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/28/2022 8:39 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

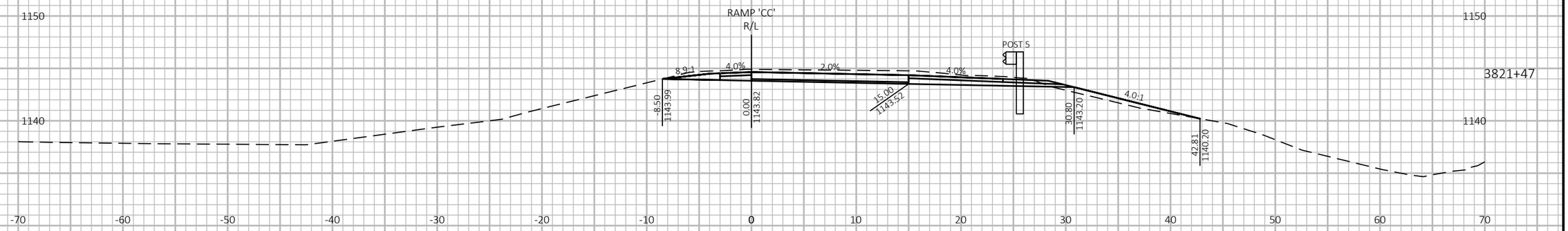
WISDOT/CADDS SHEET 49

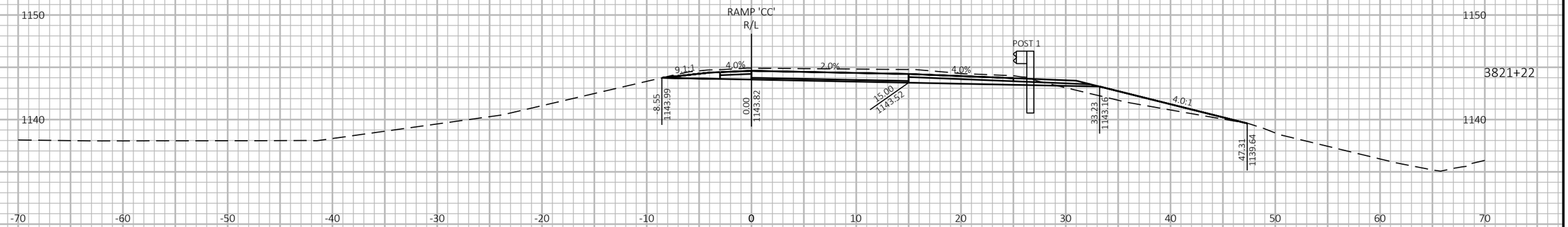
LEGEND

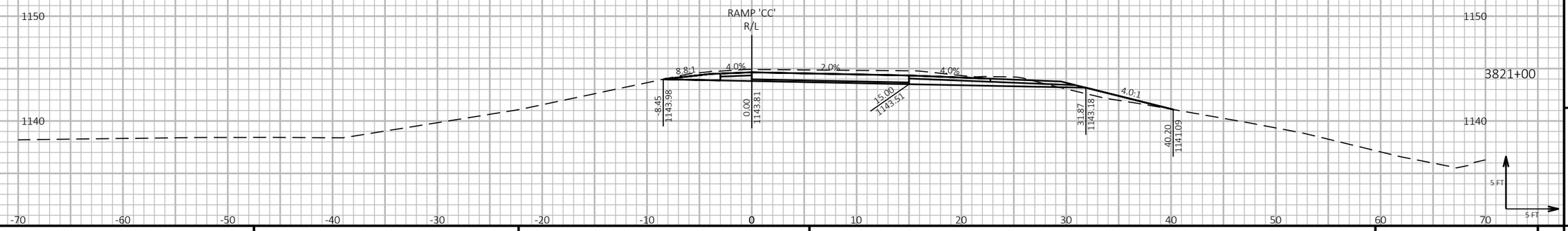
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE - STAGE 2	SHEET 892	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 2/28/2022 8:39 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

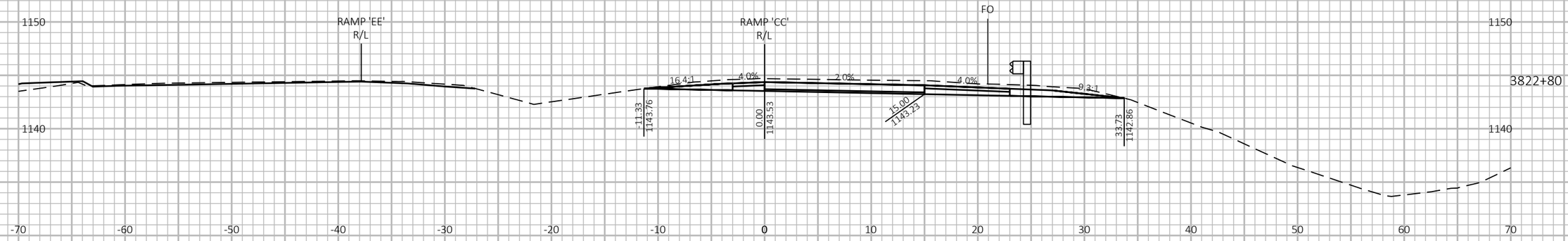
WISDOT/CADDS SHEET 49

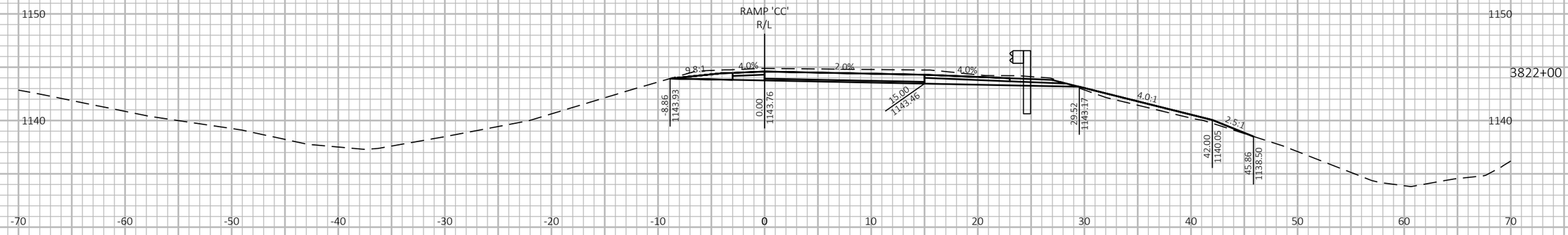
LEGEND

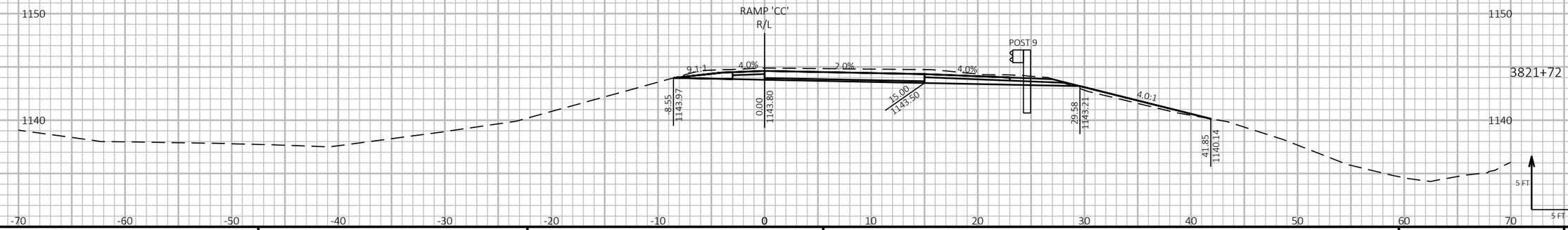
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE & USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 893	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 2/28/2022 8:40 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

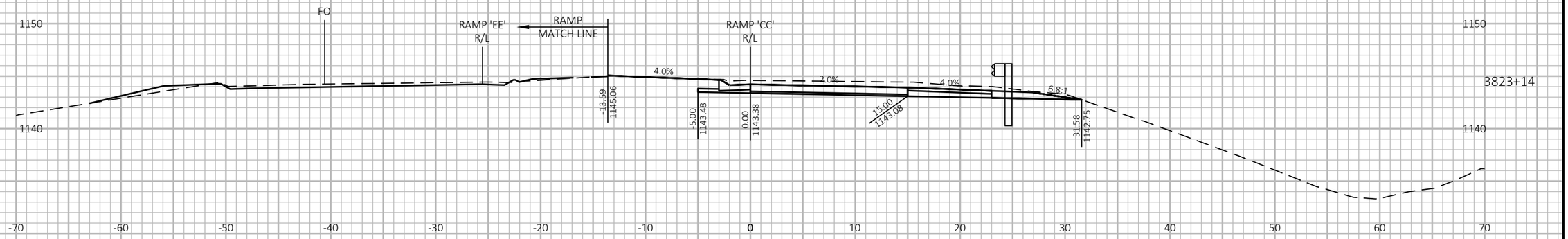
WISDOT/CADDS SHEET 49

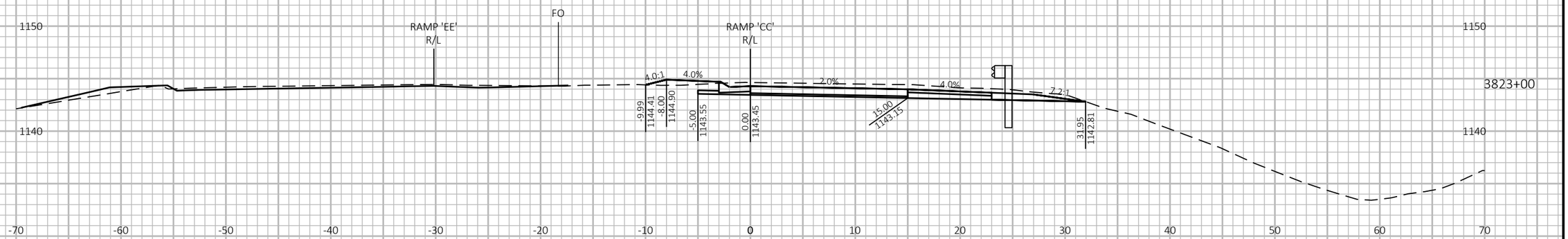
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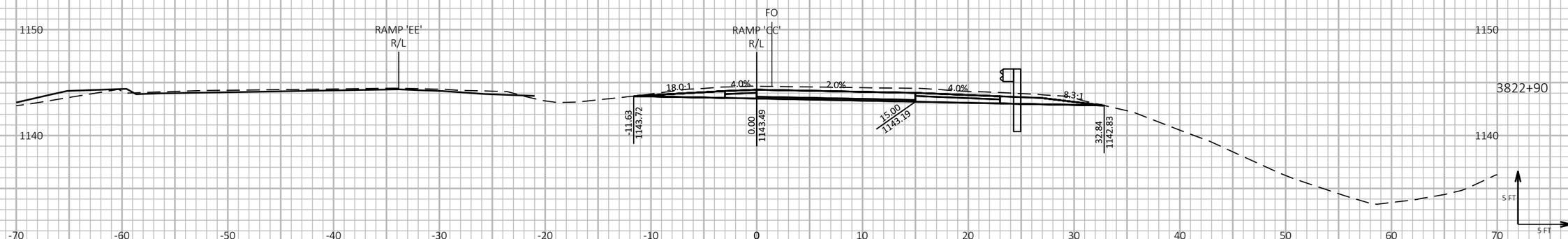
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE & USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 894	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 2/28/2022 8:40 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

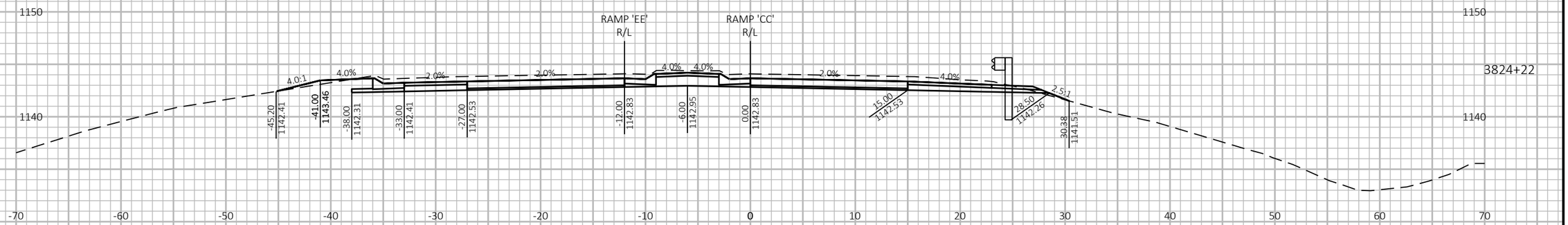
WISDOT/CADDS SHEET 49

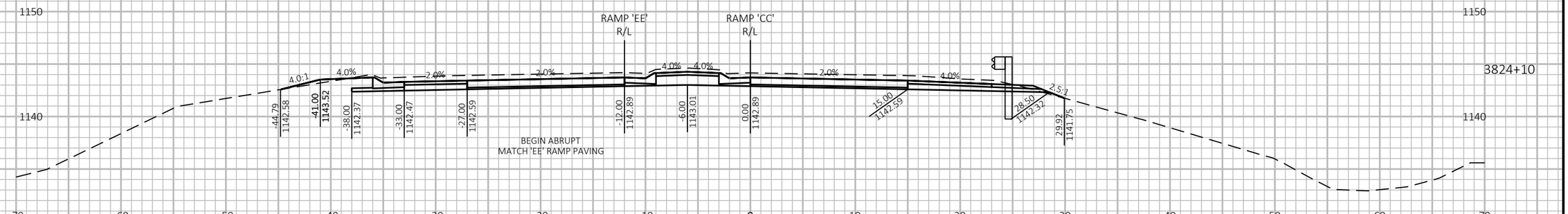
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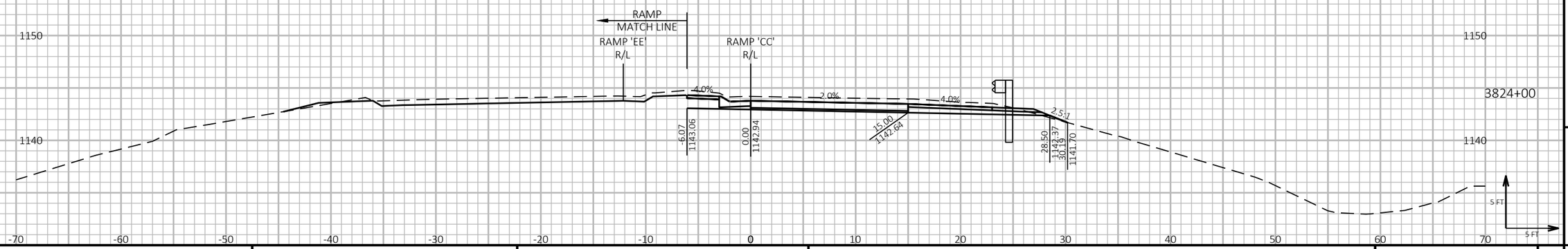
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE & USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 895	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 2/28/2022 8:40 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

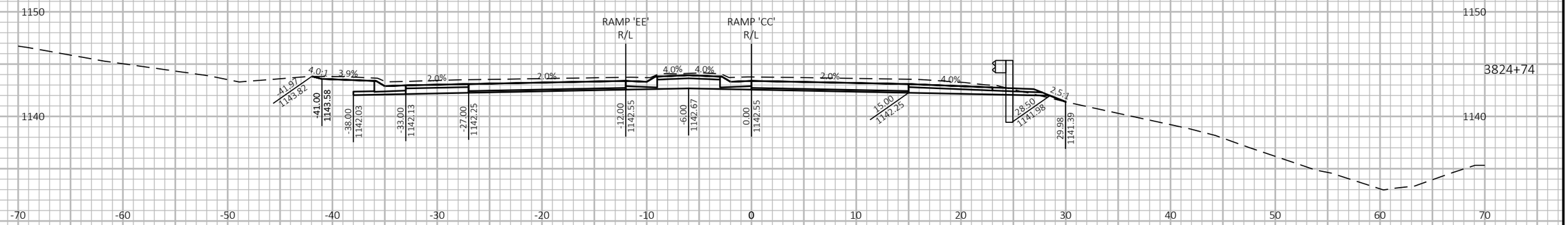
WISDOT/CADDS SHEET 49

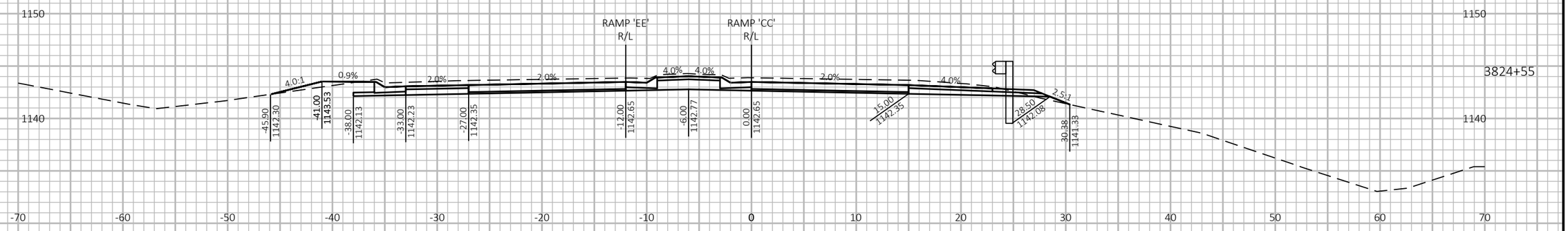
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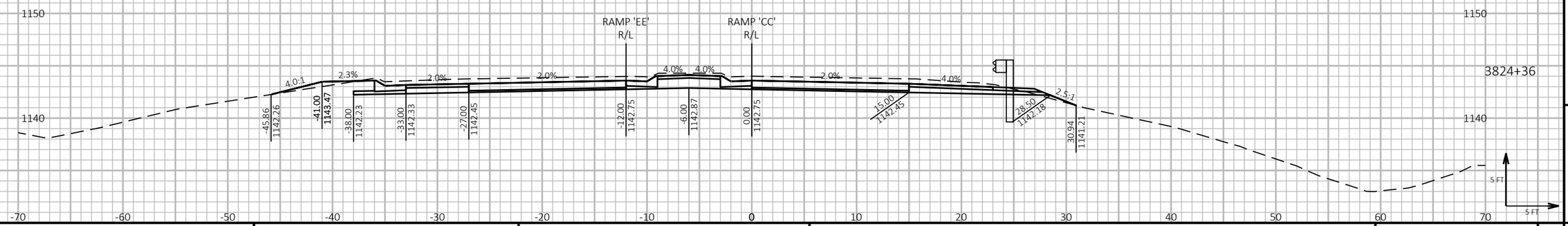
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE & USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 896	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 2/28/2022 8:41 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

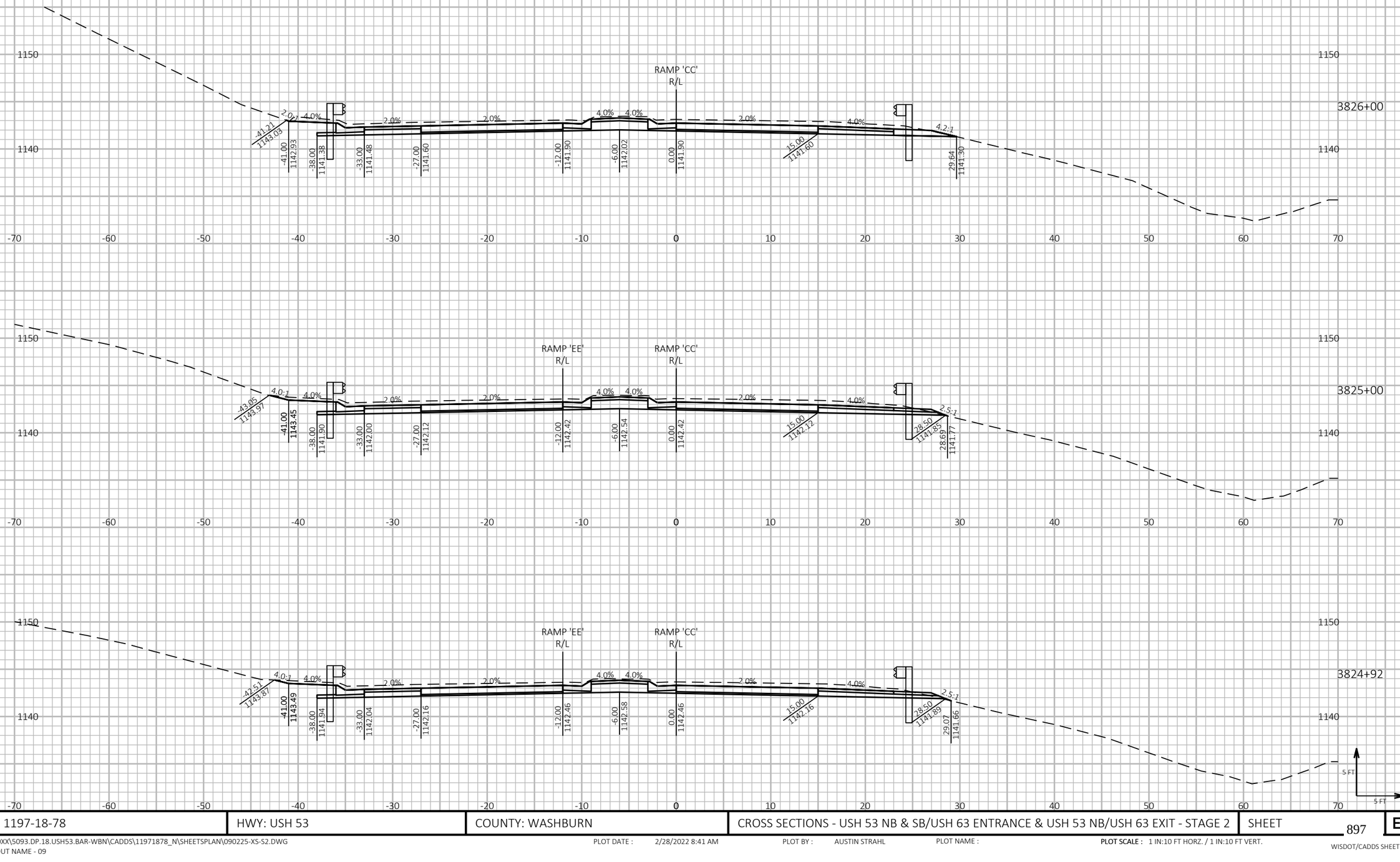
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE & USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 897	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 2/28/2022 8:41 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

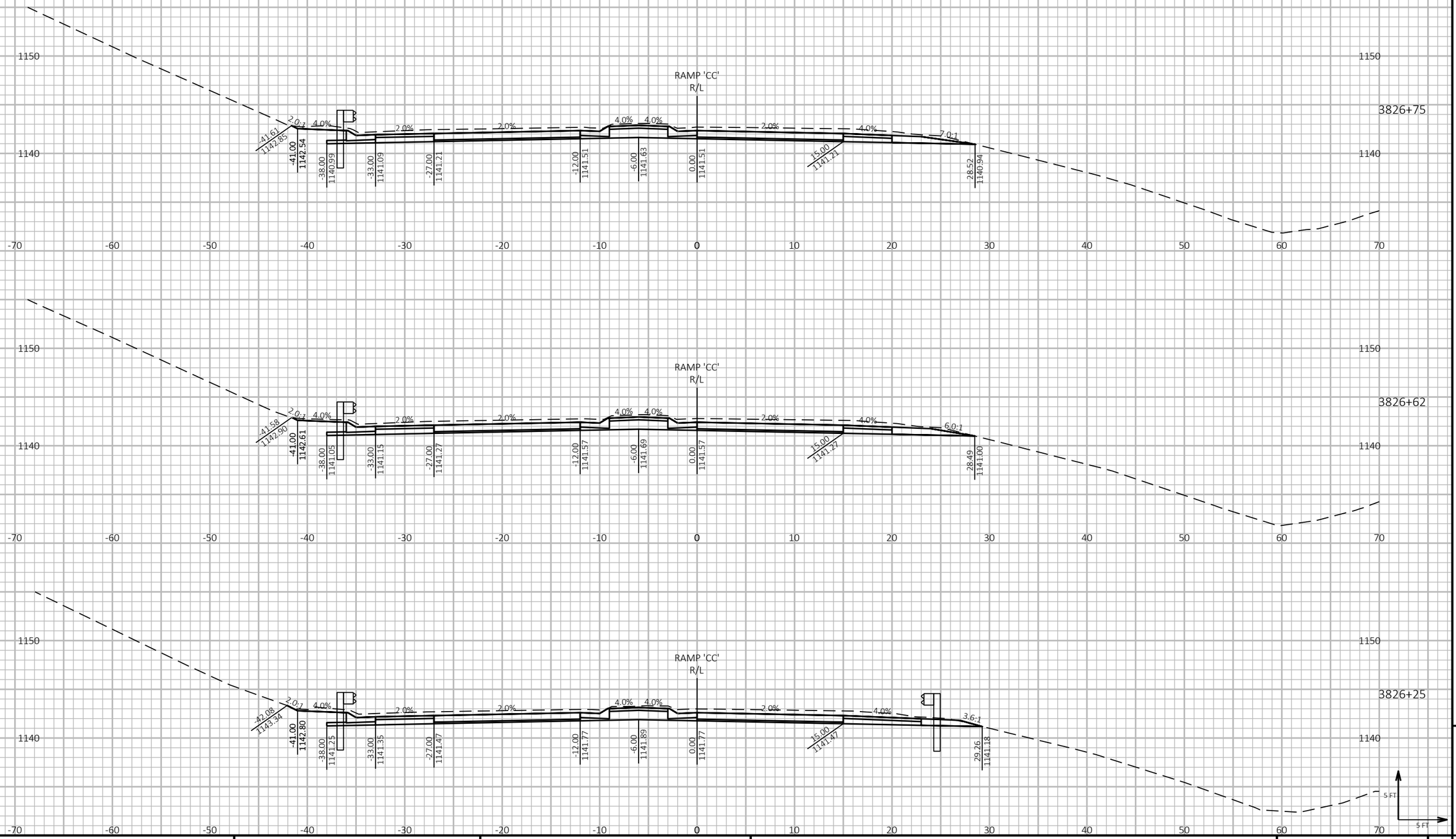
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE & USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 898	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 2/28/2022 8:42 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

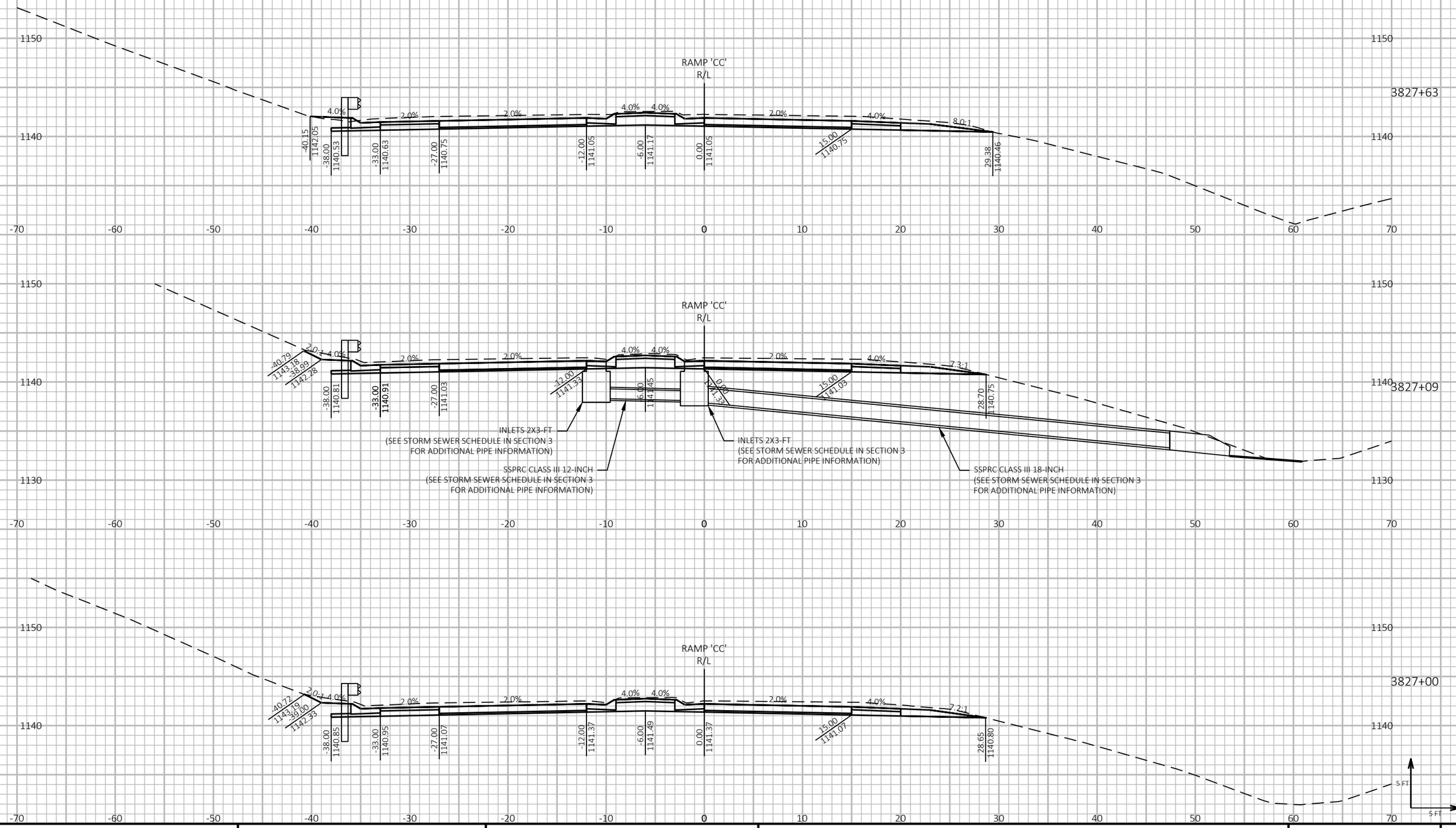
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE & USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 899	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 2/28/2022 8:42 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

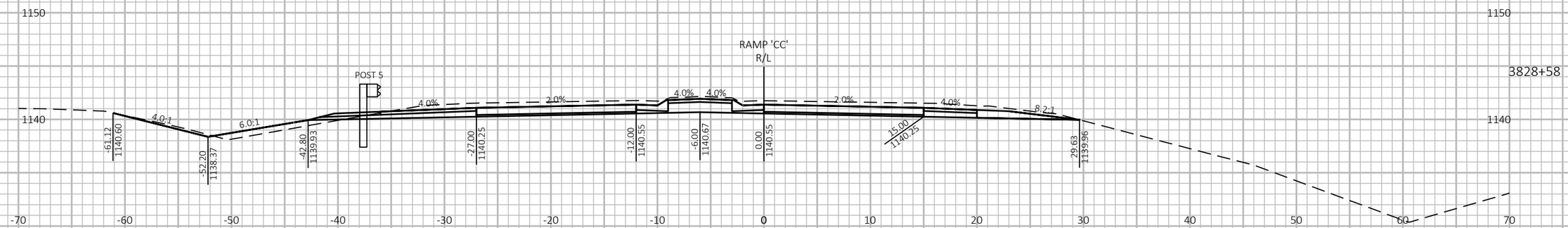
WISDOT/CADDS SHEET 49

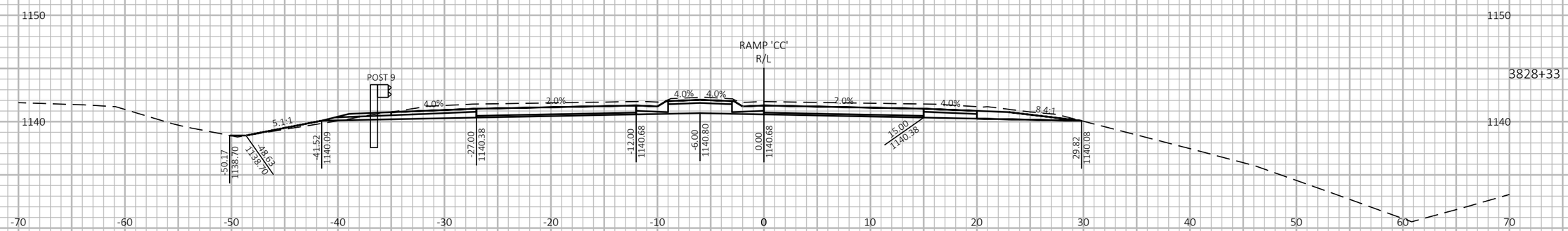
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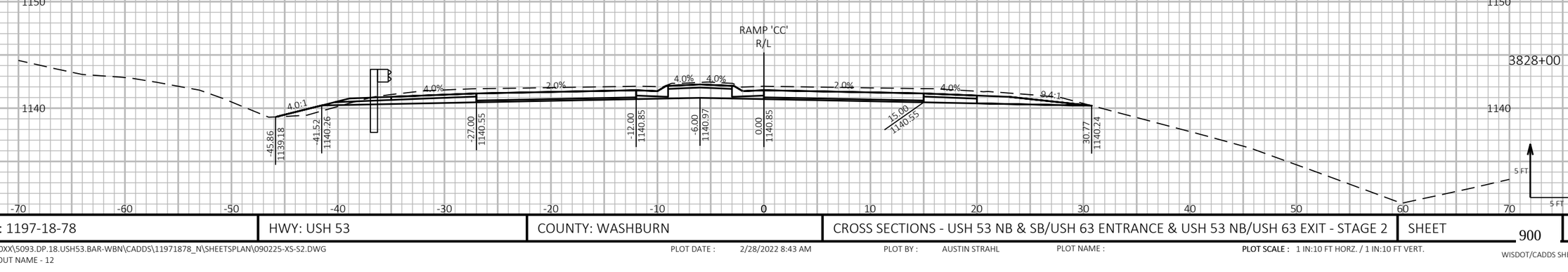
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE & USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 900	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 12

PLOT DATE : 2/28/2022 8:43 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

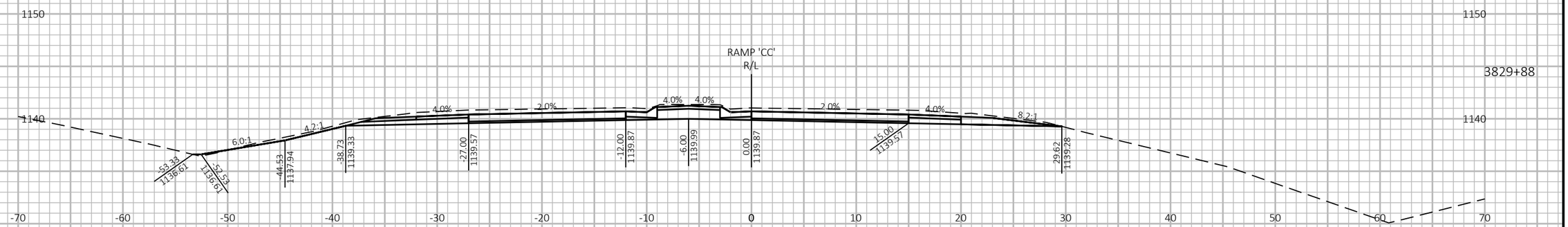
WISDOT/CADDS SHEET 49

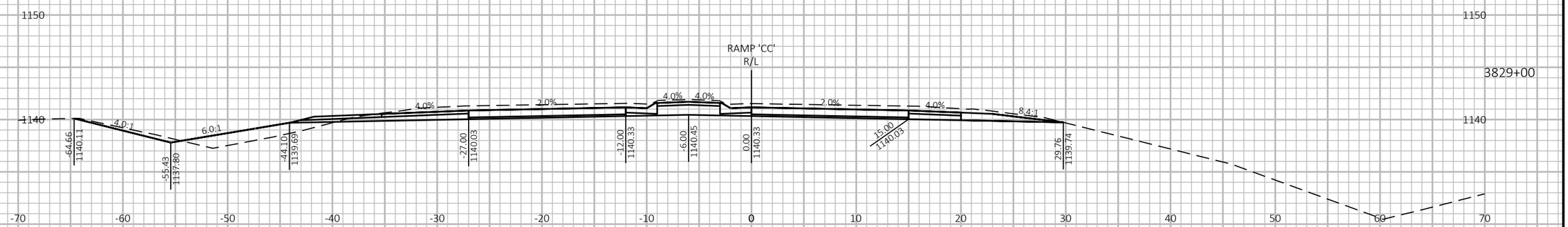
LEGEND

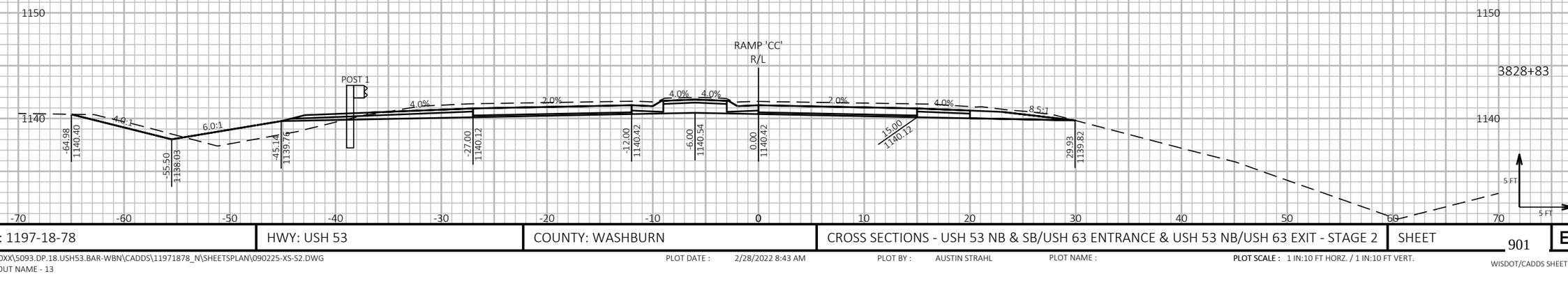
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE & USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 901	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 2/28/2022 8:43 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

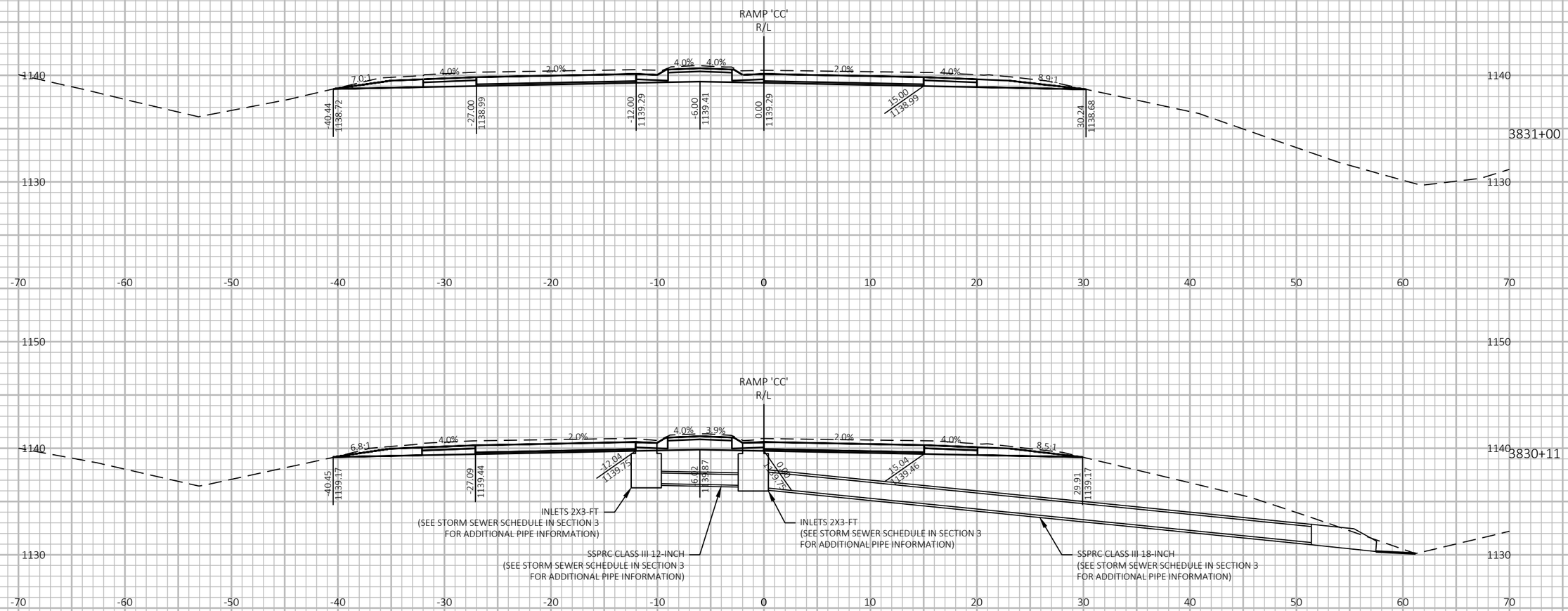
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE & USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 902	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 2/28/2022 8:43 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

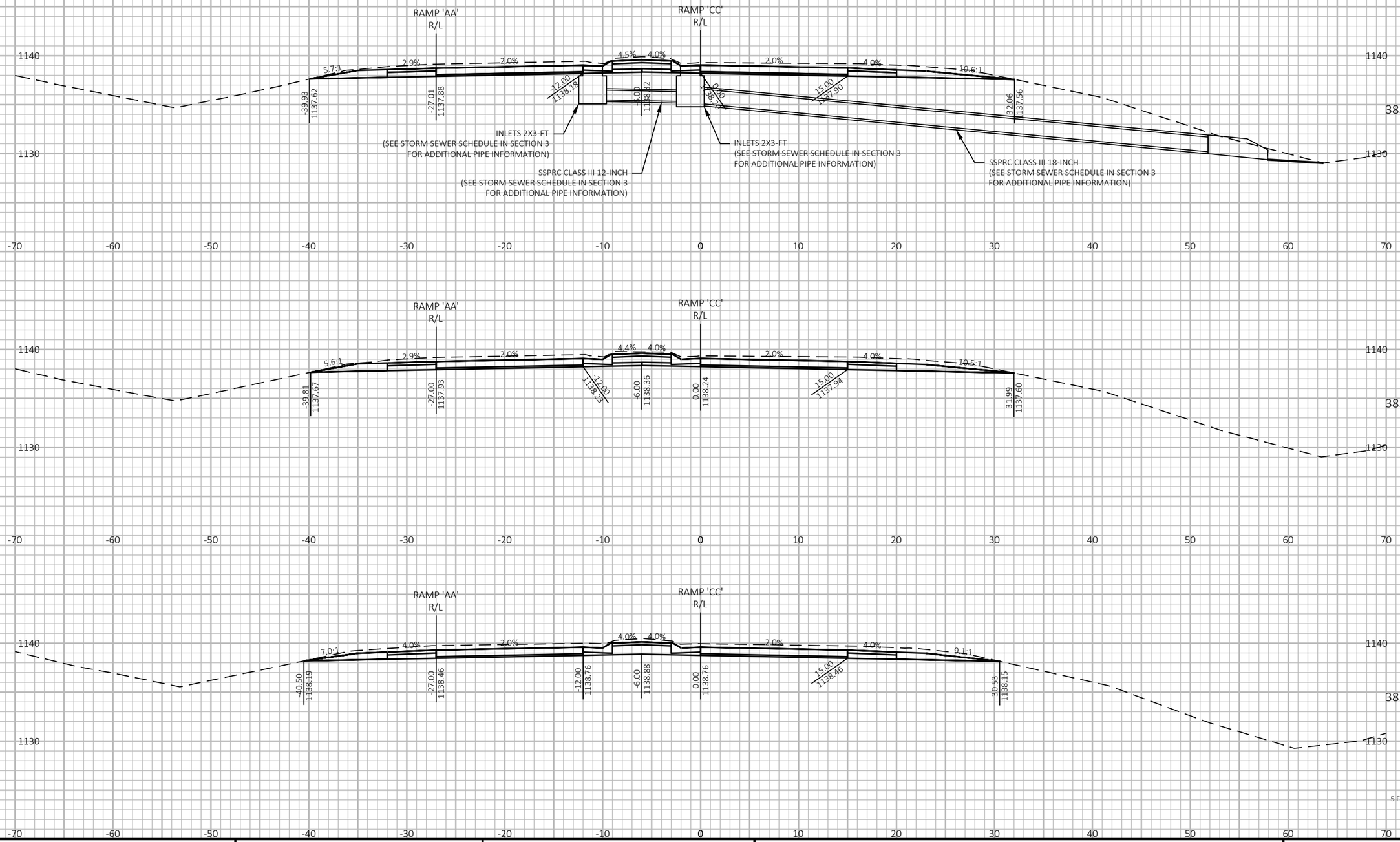
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE - STAGE 2	SHEET 903	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 2/28/2022 8:44 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE - STAGE 2	SHEET 904	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 16

PLOT DATE : 2/28/2022 8:44 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE - STAGE 2	SHEET 905 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 17

PLOT DATE : 2/28/2022 8:45 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

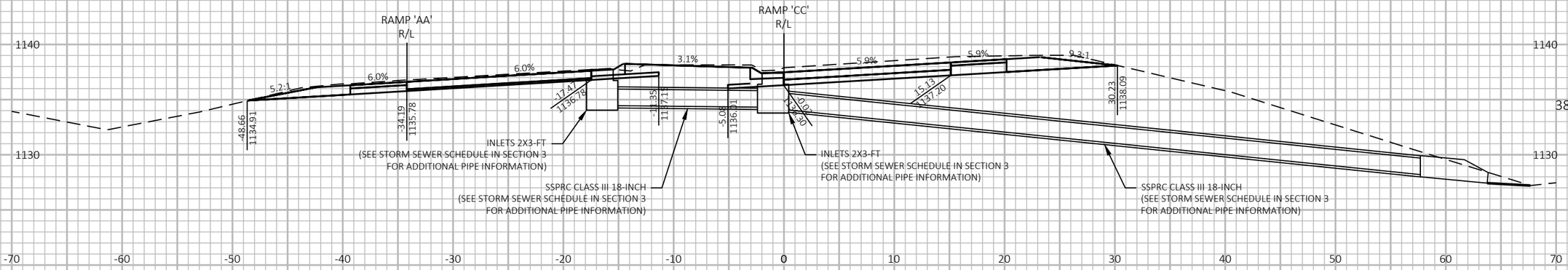
WISDOT/CADDS SHEET 49

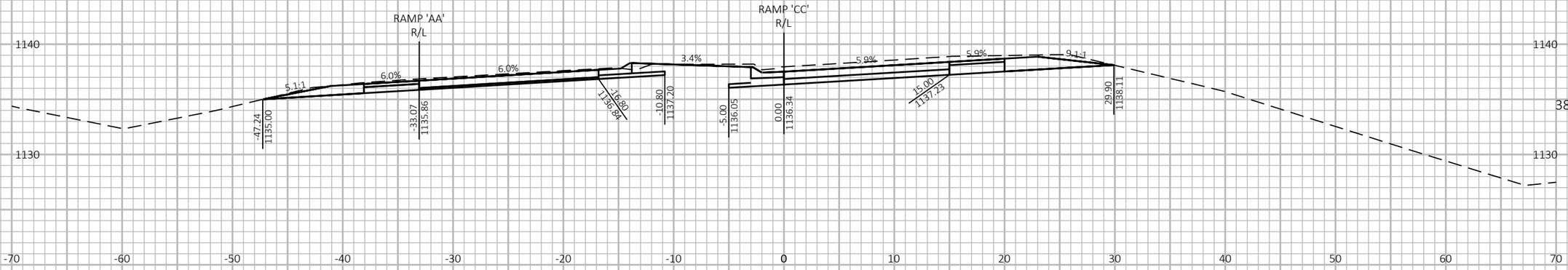
LEGEND

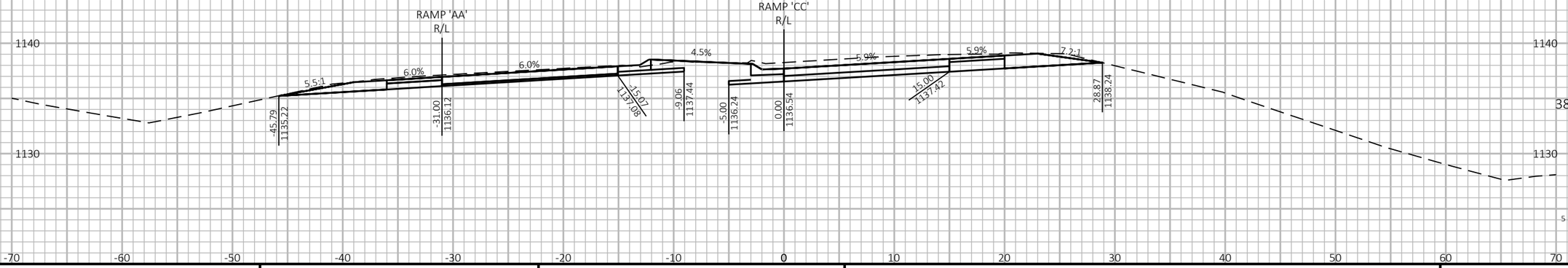
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE - STAGE 2	SHEET 906	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 18

PLOT DATE : 2/28/2022 8:45 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

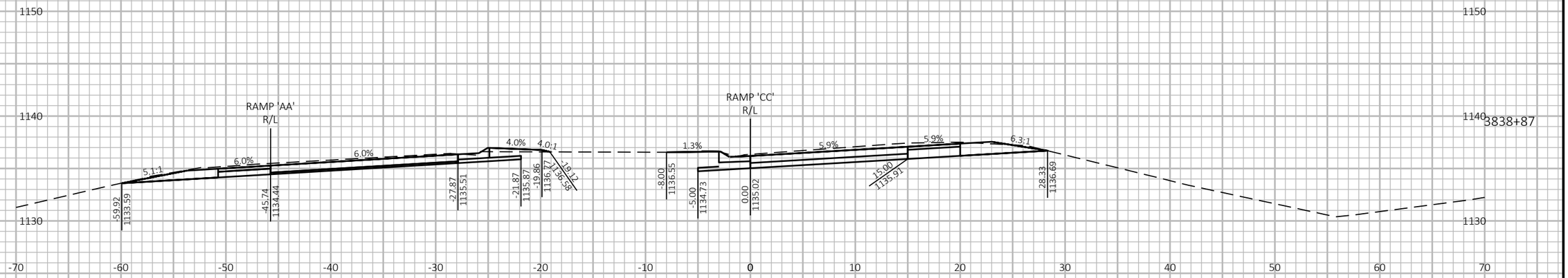
WISDOT/CADDS SHEET 49

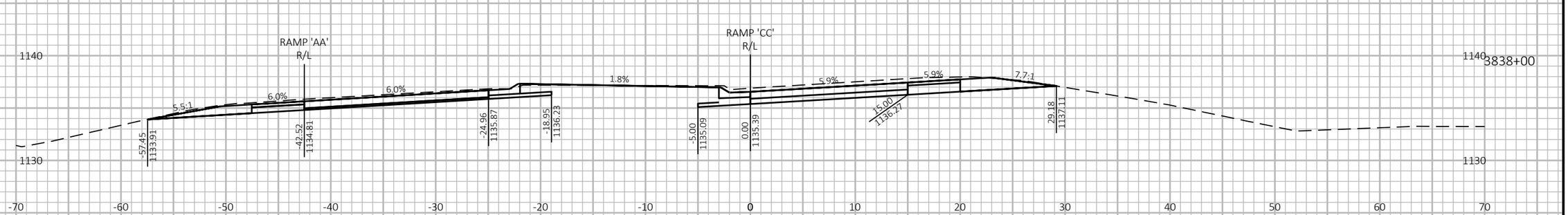
LEGEND

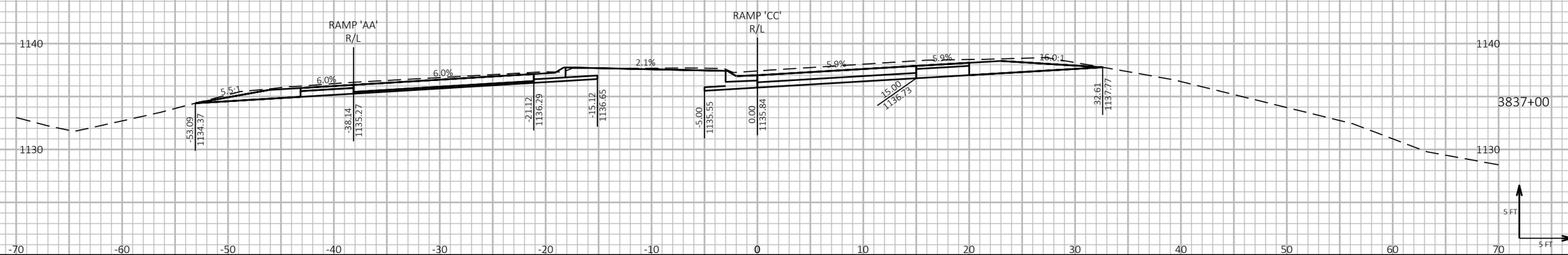
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE - STAGE 2	SHEET 907	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 19

PLOT DATE : 2/28/2022 8:45 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

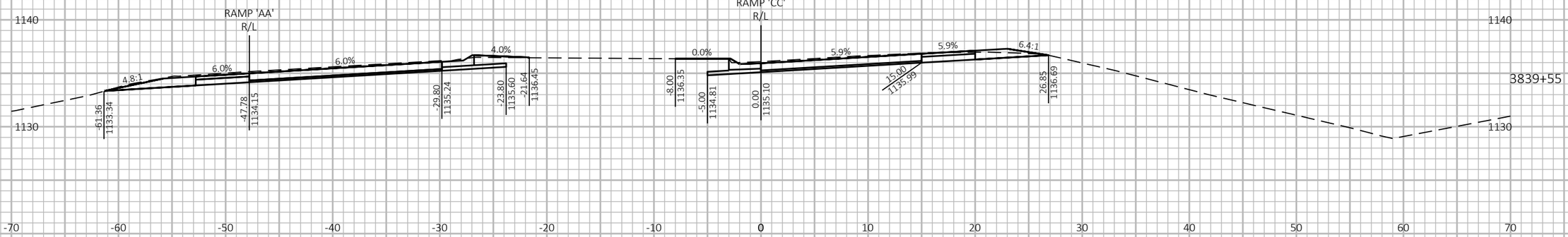
WISDOT/CADDS SHEET 49

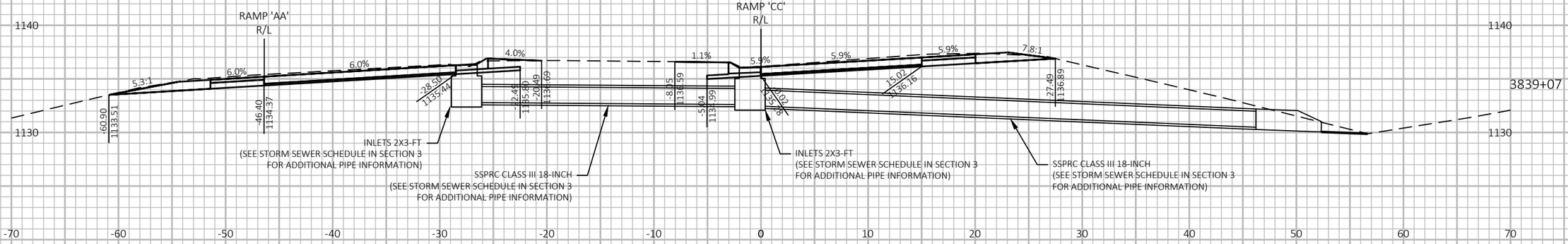
LEGEND

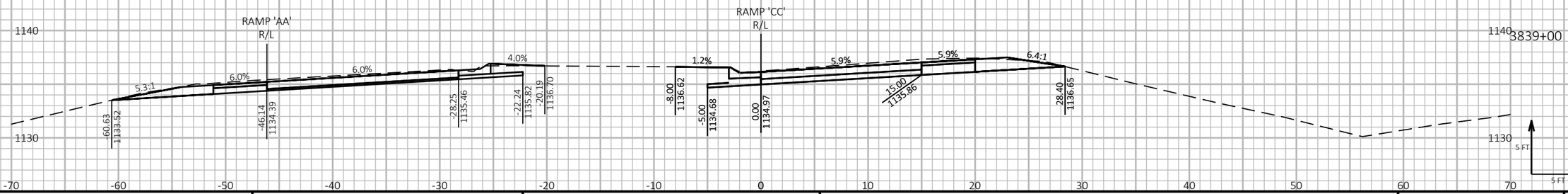
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE - STAGE 2	SHEET 908	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 20

PLOT DATE : 2/28/2022 8:46 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

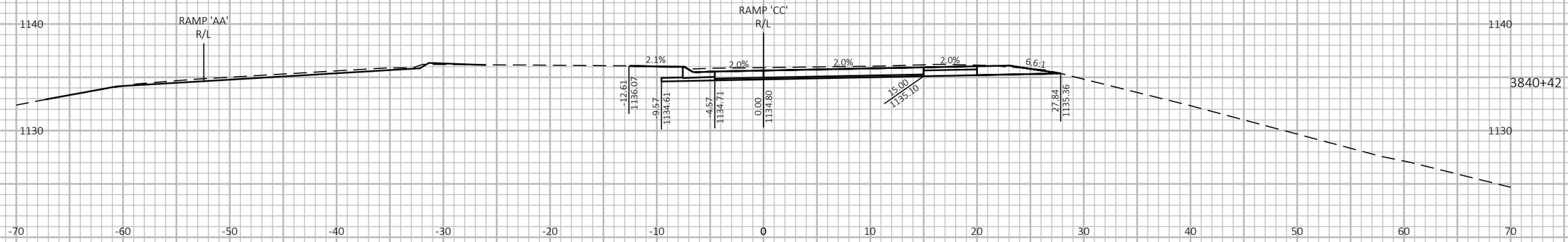
WISDOT/CADDS SHEET 49

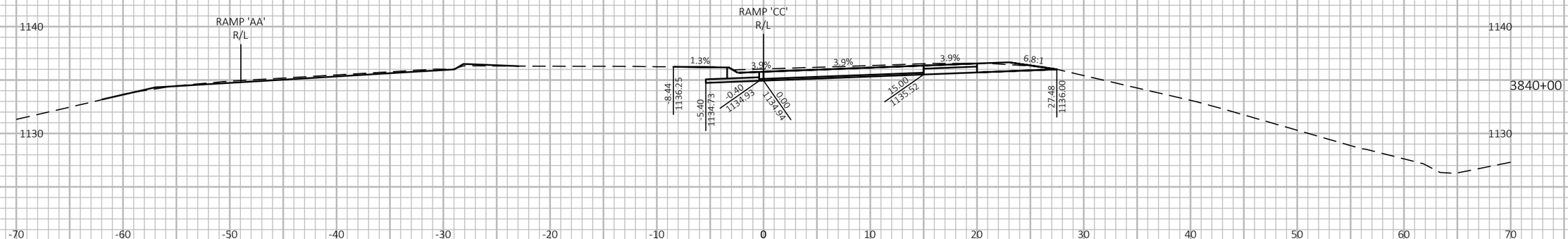
LEGEND

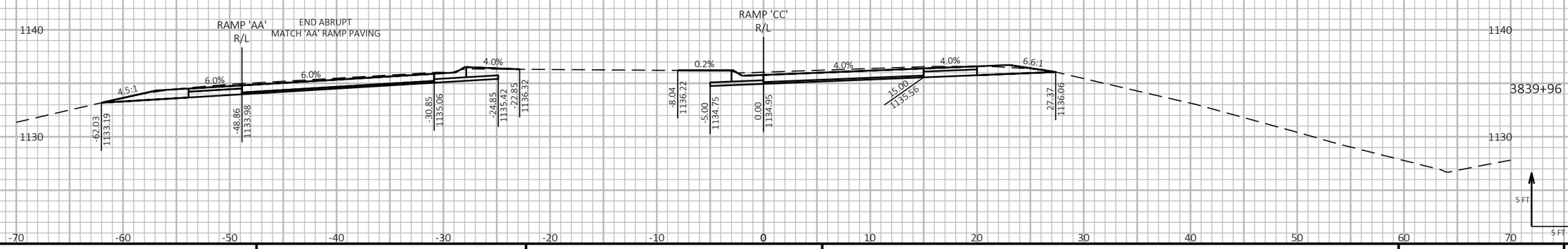
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE - STAGE 2	SHEET 909	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 21

PLOT DATE : 2/28/2022 8:46 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

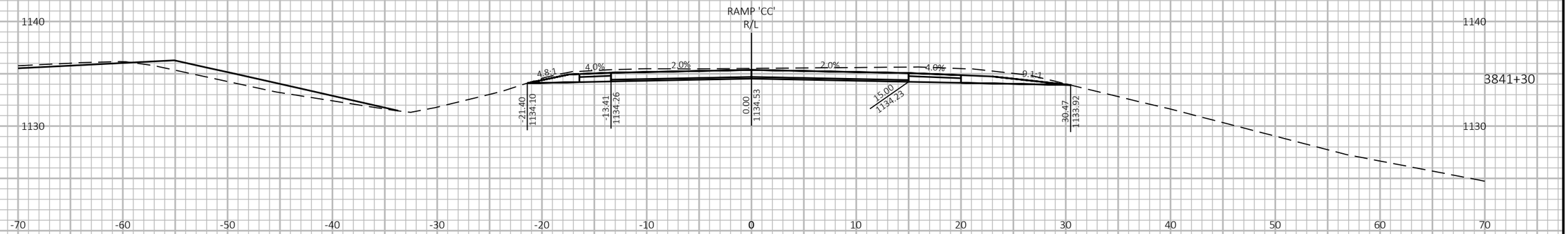
WISDOT/CADDS SHEET 49

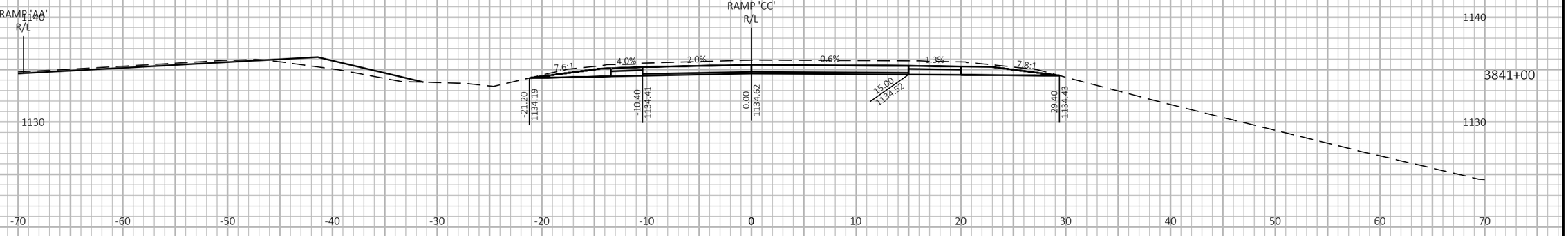
LEGEND

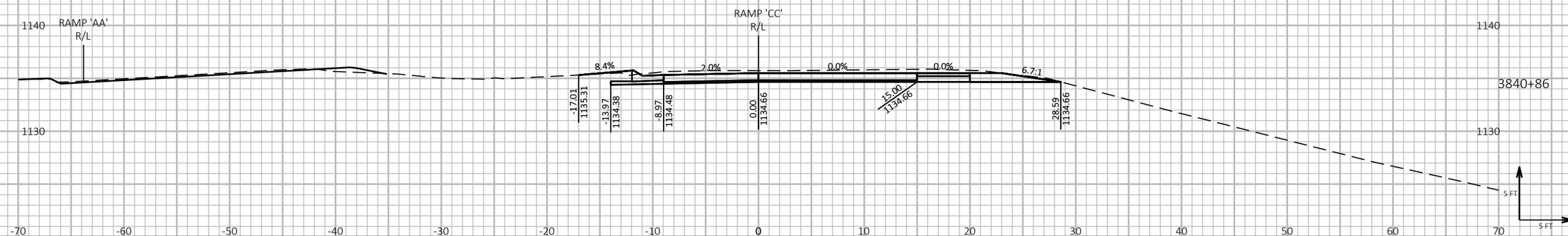
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB/USH 63 ENTRANCE - STAGE 2	SHEET 910	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 22

PLOT DATE : 2/28/2022 8:47 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

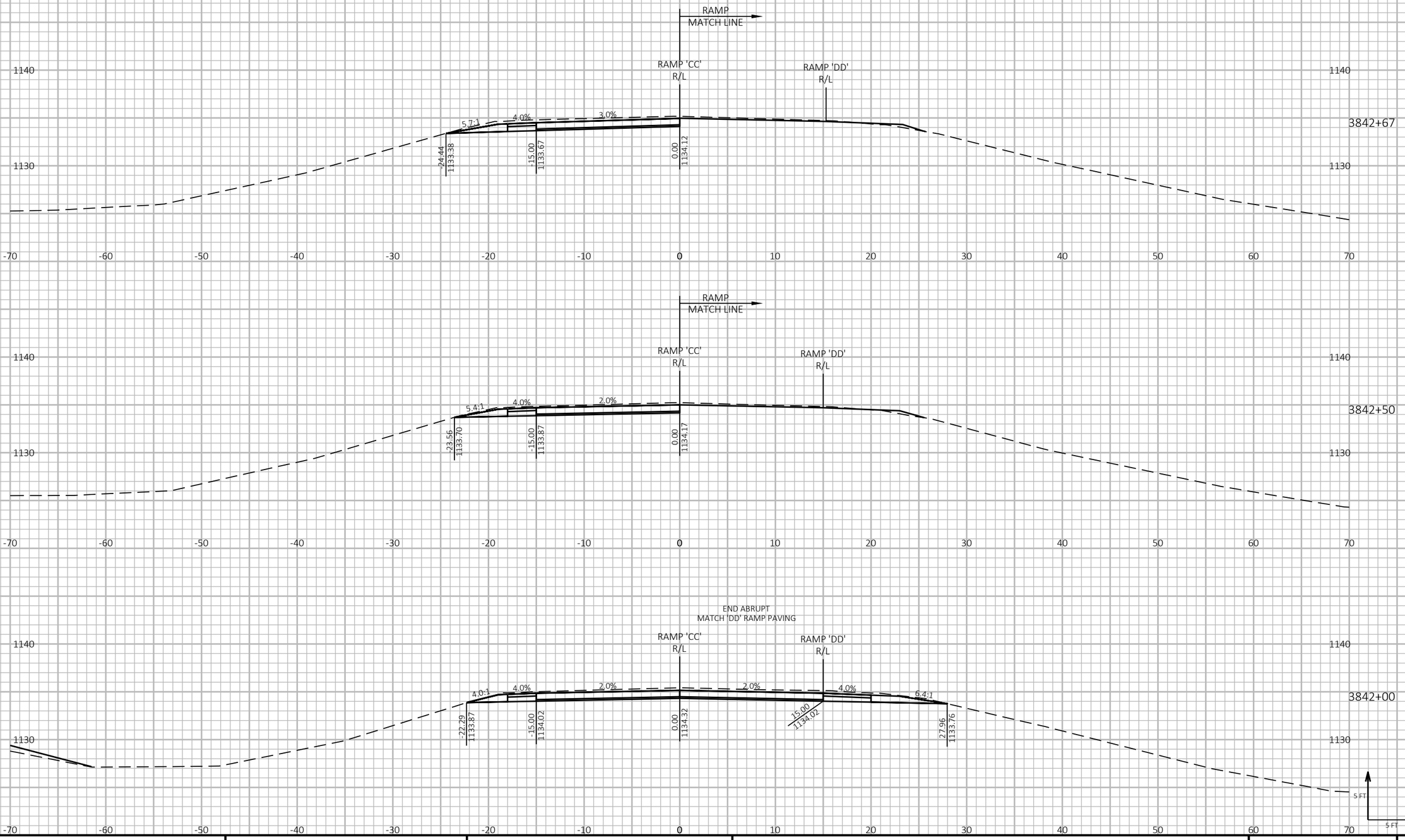
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 ENTRANCE - STAGE 2	SHEET 911	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 23

PLOT DATE : 2/28/2022 8:47 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

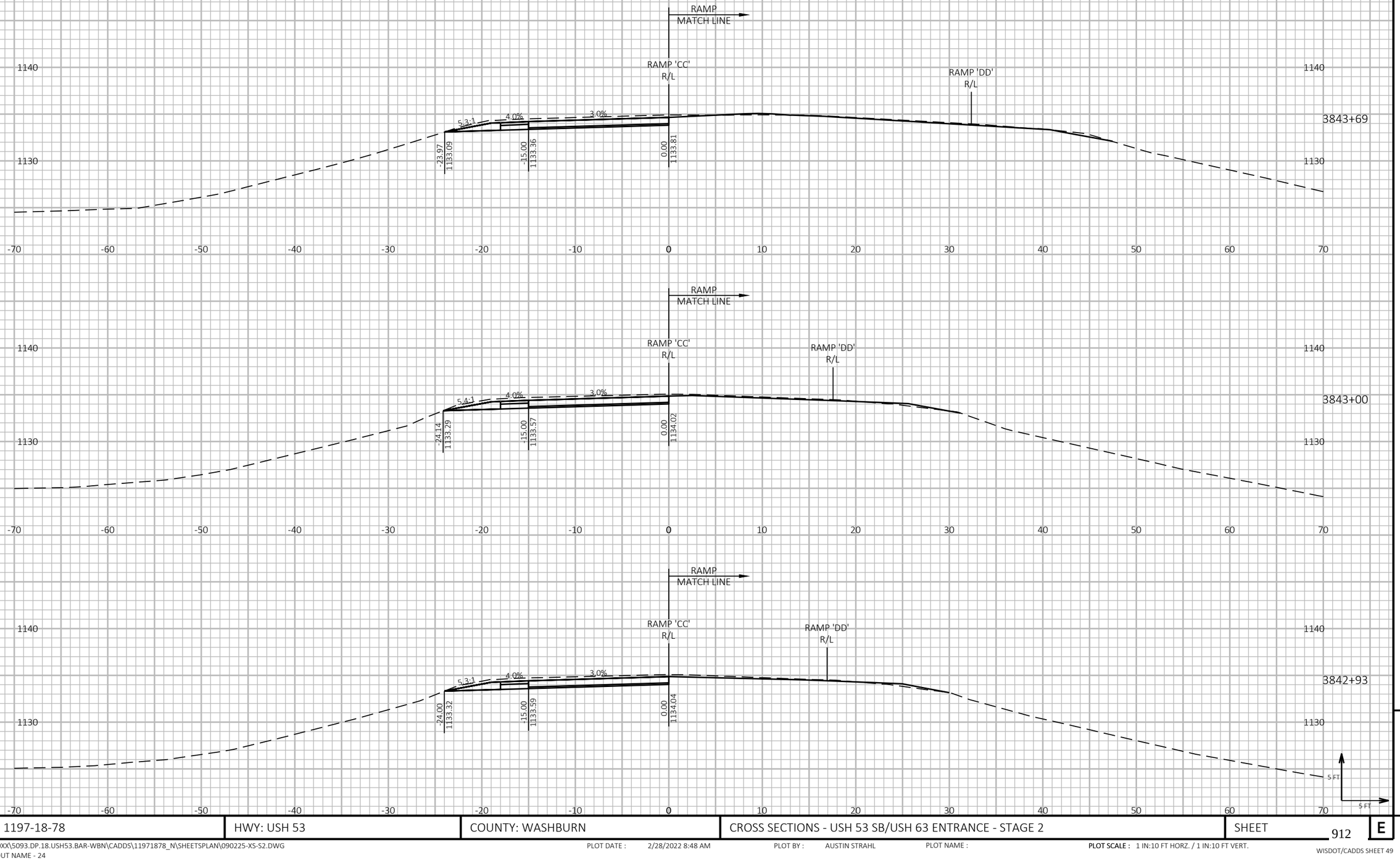
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 ENTRANCE - STAGE 2	SHEET 912	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 24

PLOT DATE : 2/28/2022 8:48 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

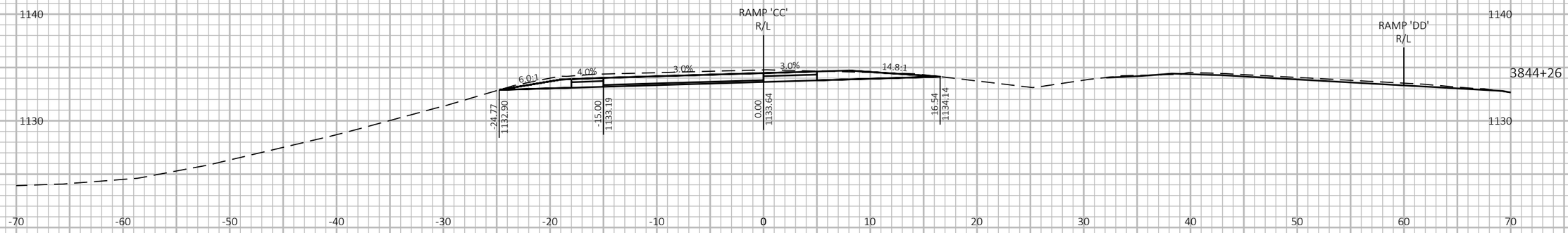
WISDOT/CADDS SHEET 49

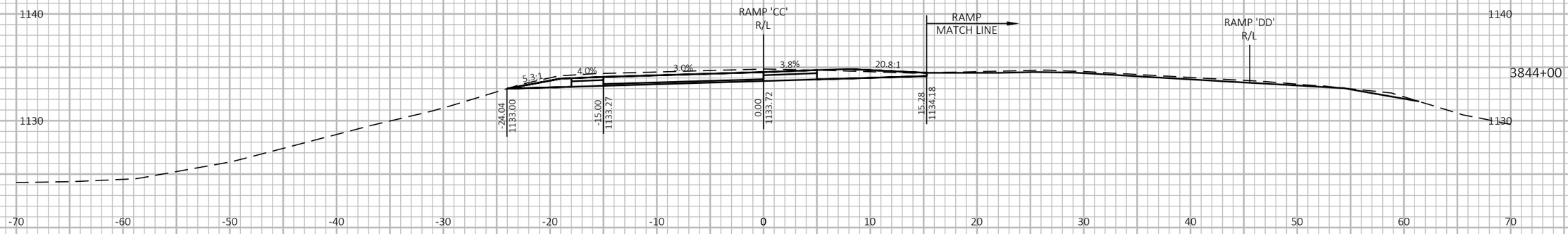
LEGEND

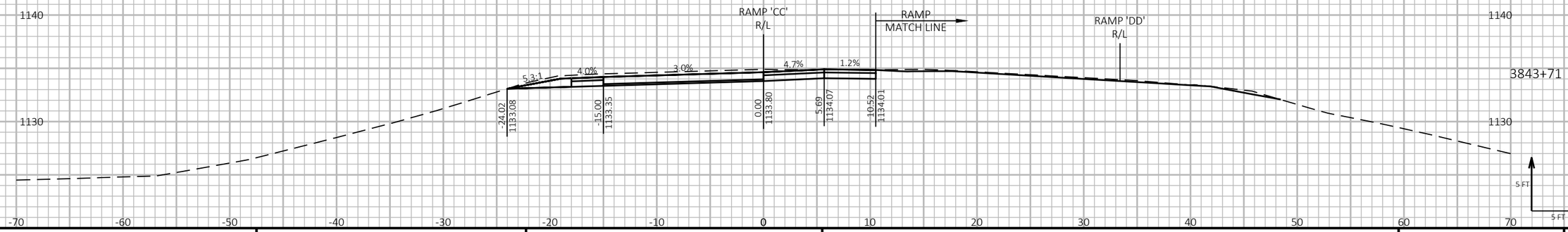
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 ENTRANCE - STAGE 2	SHEET 913	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 25

PLOT DATE : 2/28/2022 8:48 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

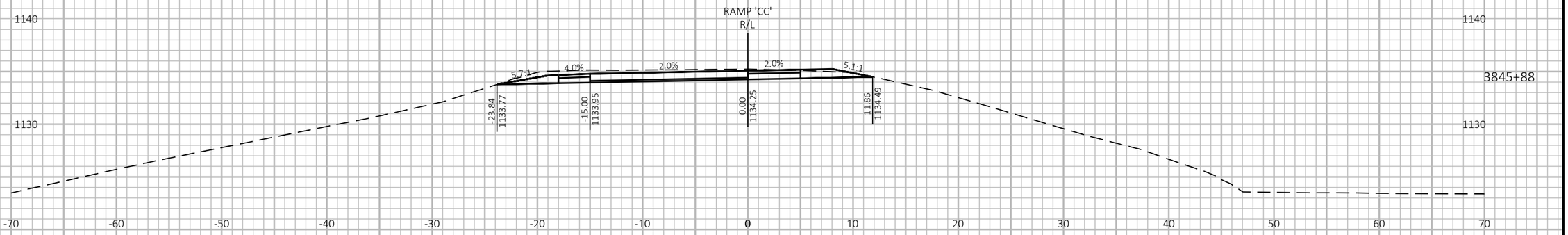
WISDOT/CADDS SHEET 49

LEGEND

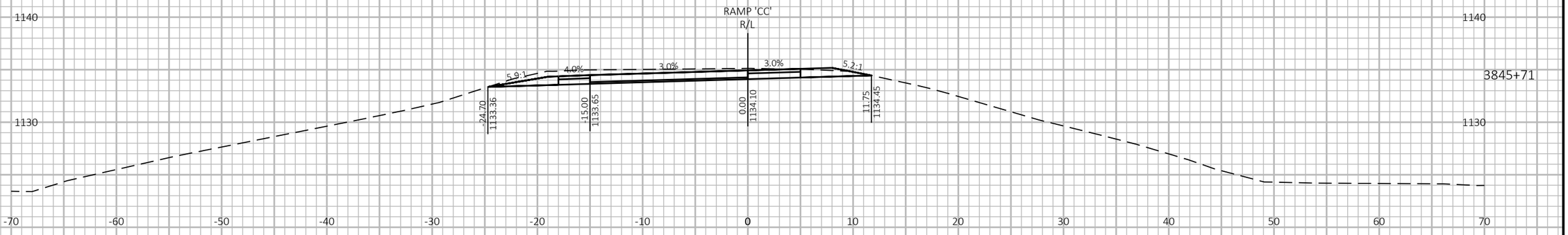
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

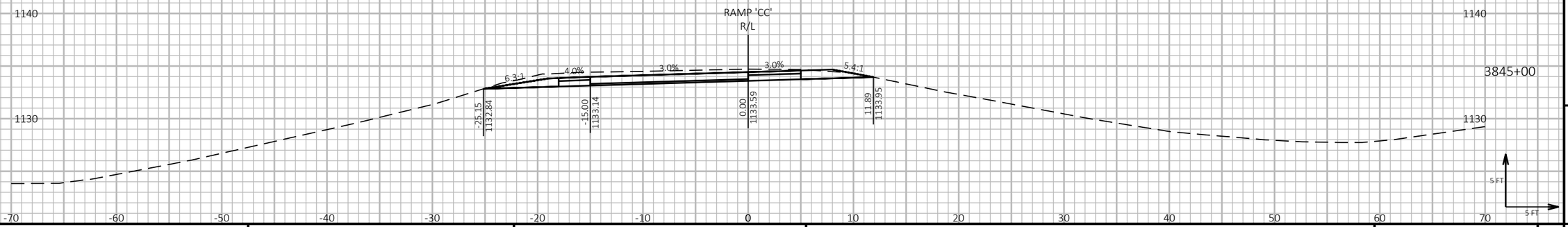
STAGE 2 CONSTRUCTION



3845+88



3845+71



3845+00

9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 ENTRANCE - STAGE 2	SHEET 914	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 26

PLOT DATE : 2/28/2022 8:48 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

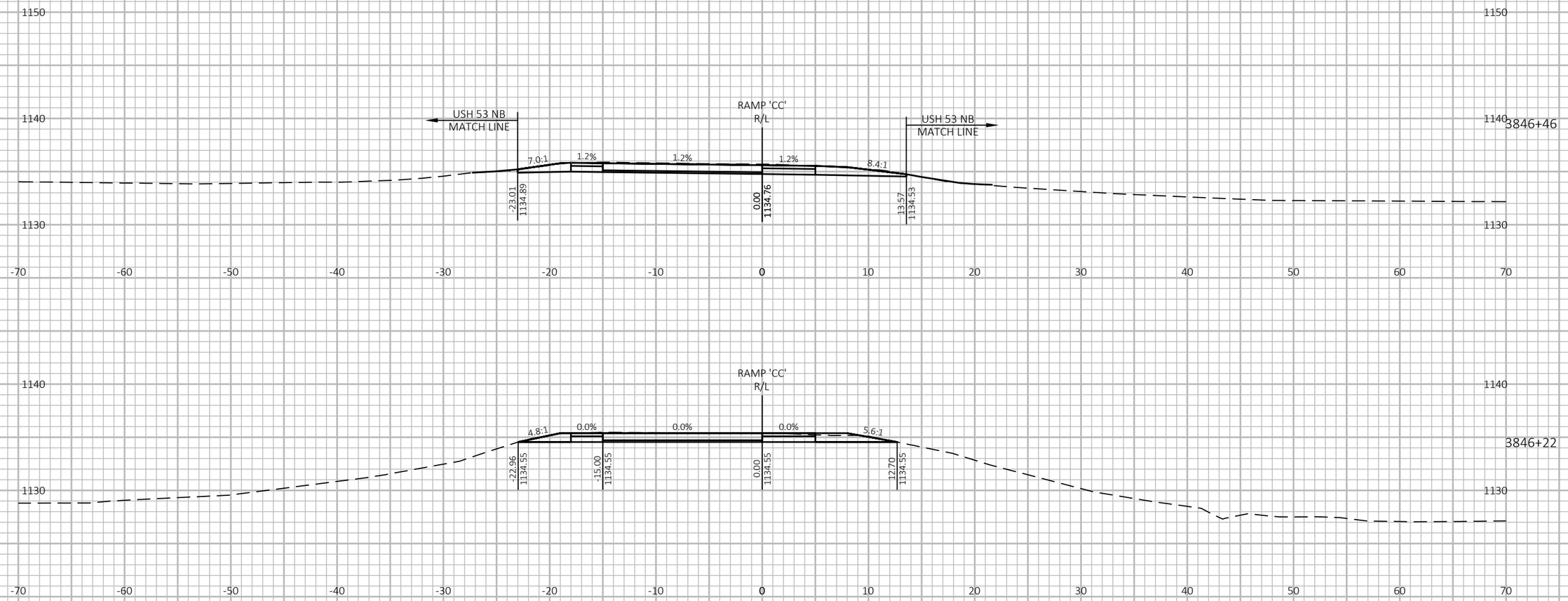
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 ENTRANCE - STAGE 2	SHEET 915	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 27

PLOT DATE : 2/28/2022 8:49 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

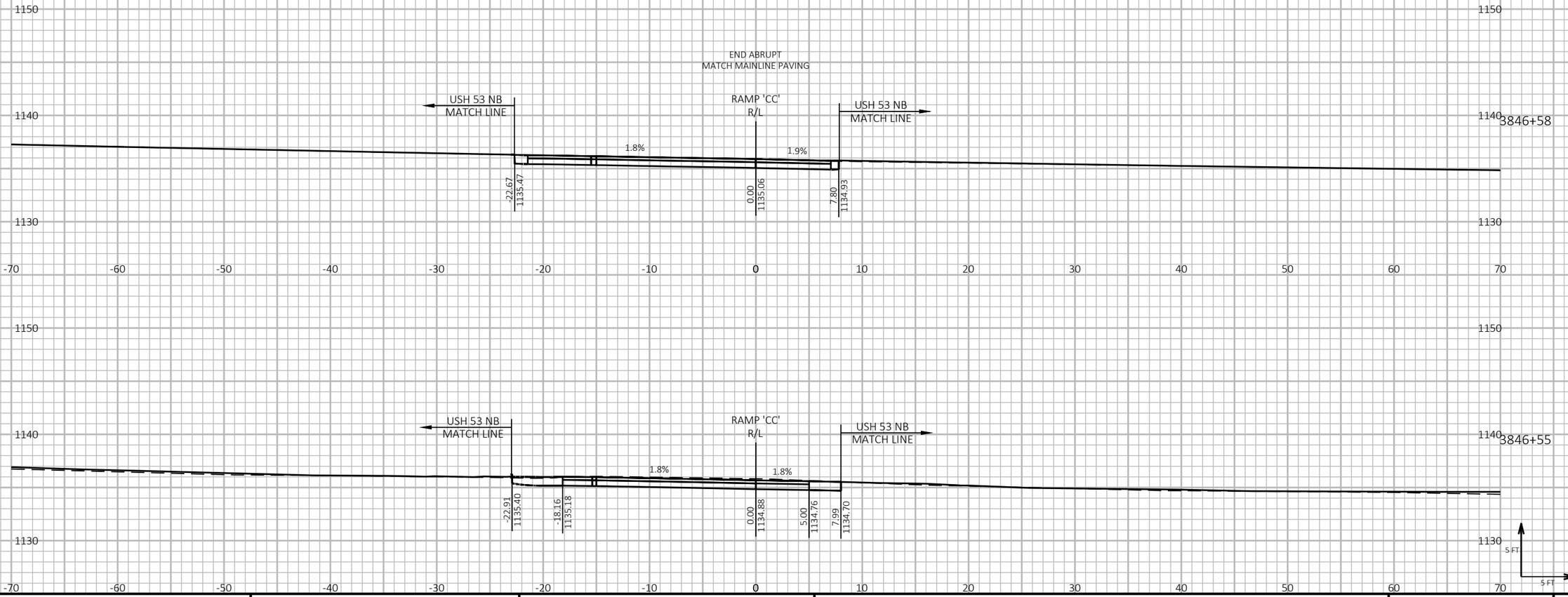
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 ENTRANCE - STAGE 2	SHEET 916	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090225-XS-S2.DWG
LAYOUT NAME - 28

PLOT DATE : 2/28/2022 8:49 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

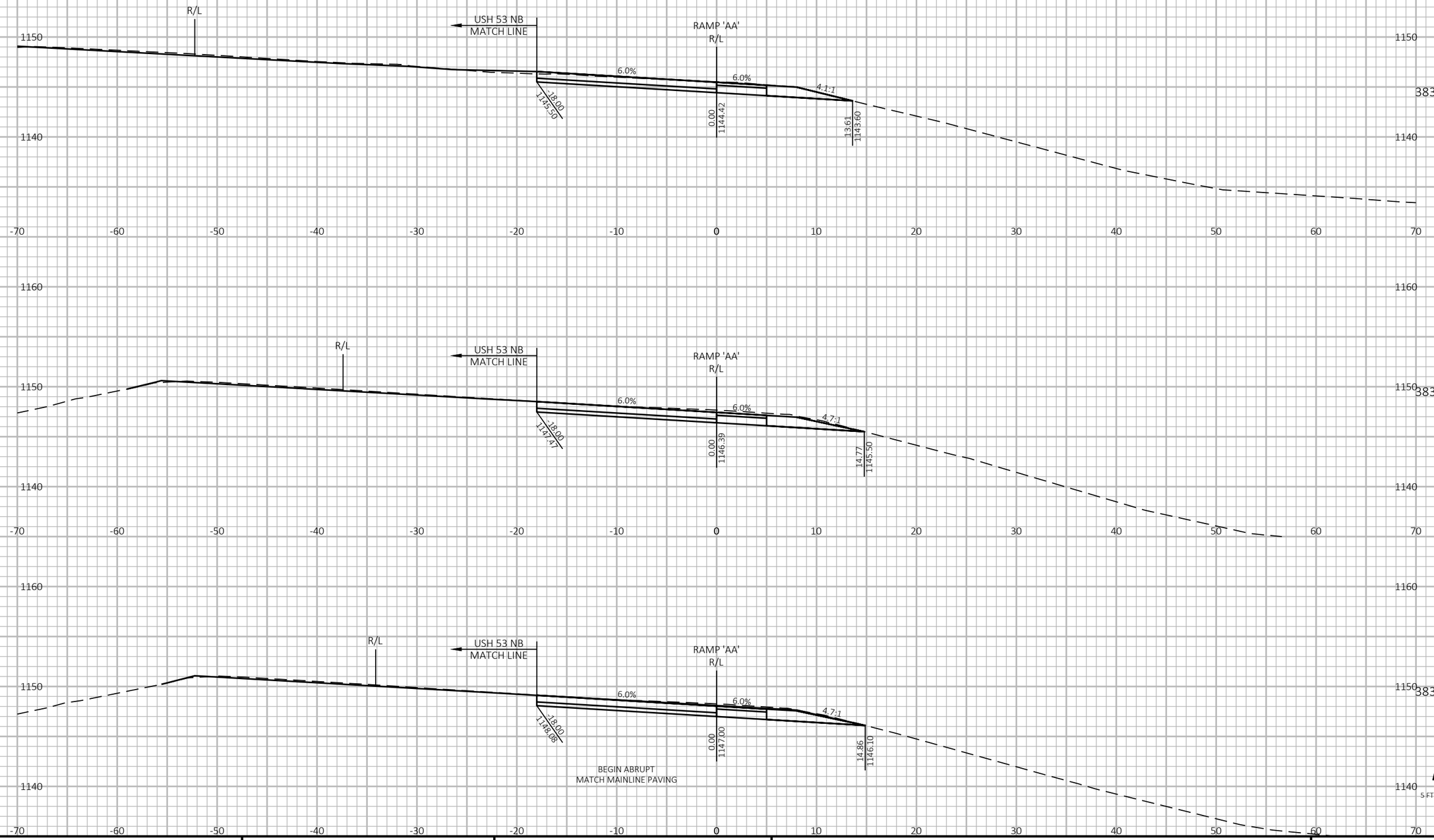
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 917	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090226-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/25/2022 11:00 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

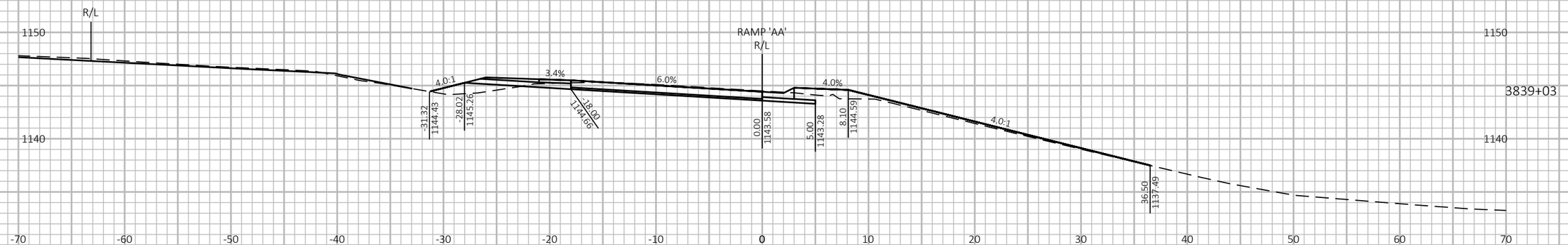
WISDOT/CADDS SHEET 49

LEGEND

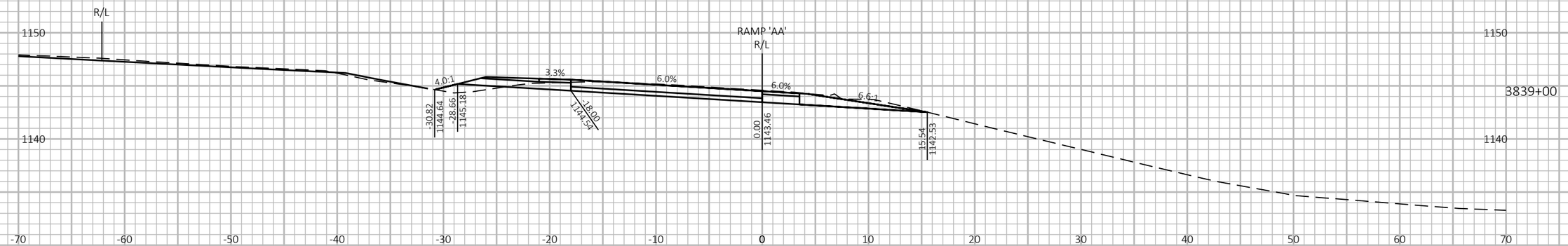
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

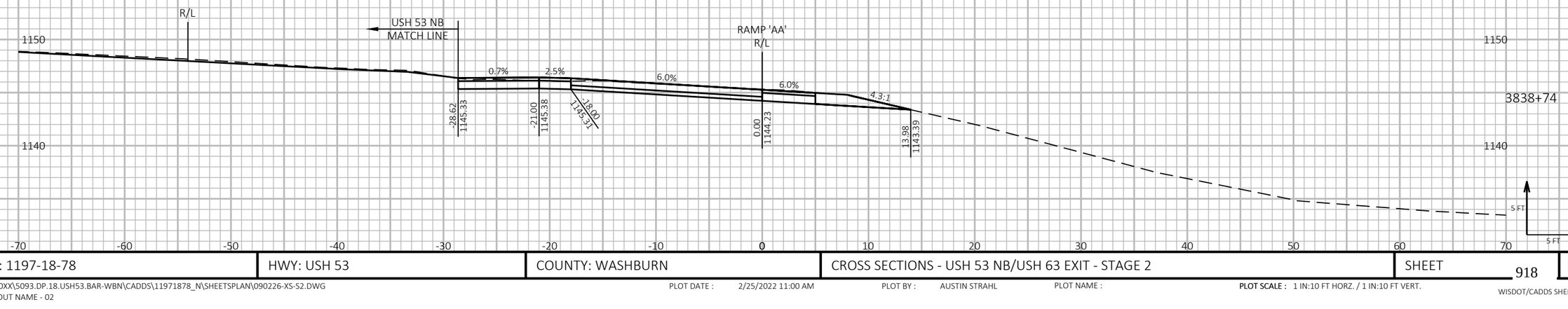
STAGE 2 CONSTRUCTION



3839+03



3839+00



3838+74

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 918	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090226-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/25/2022 11:00 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

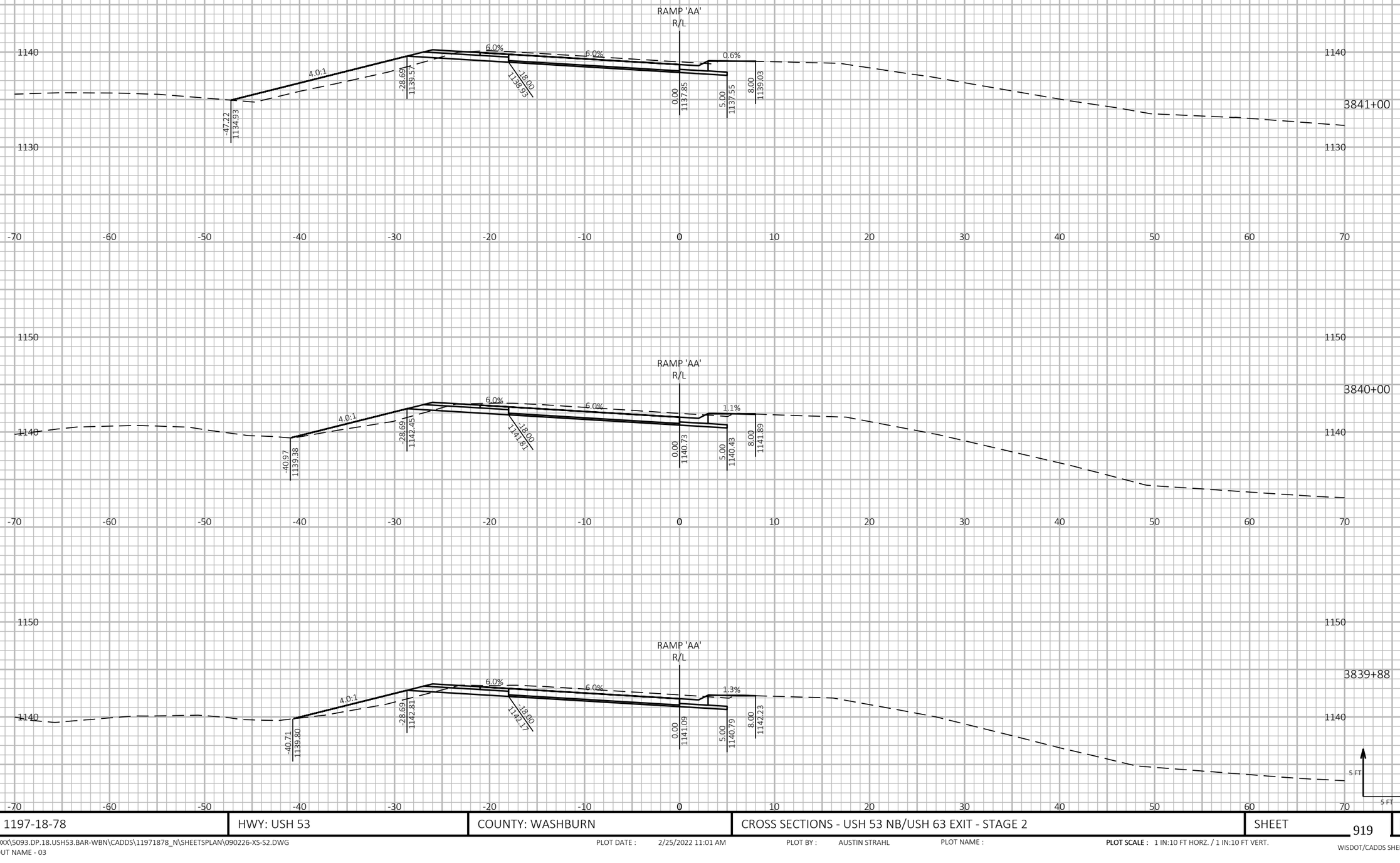
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 919	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090226-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/25/2022 11:01 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

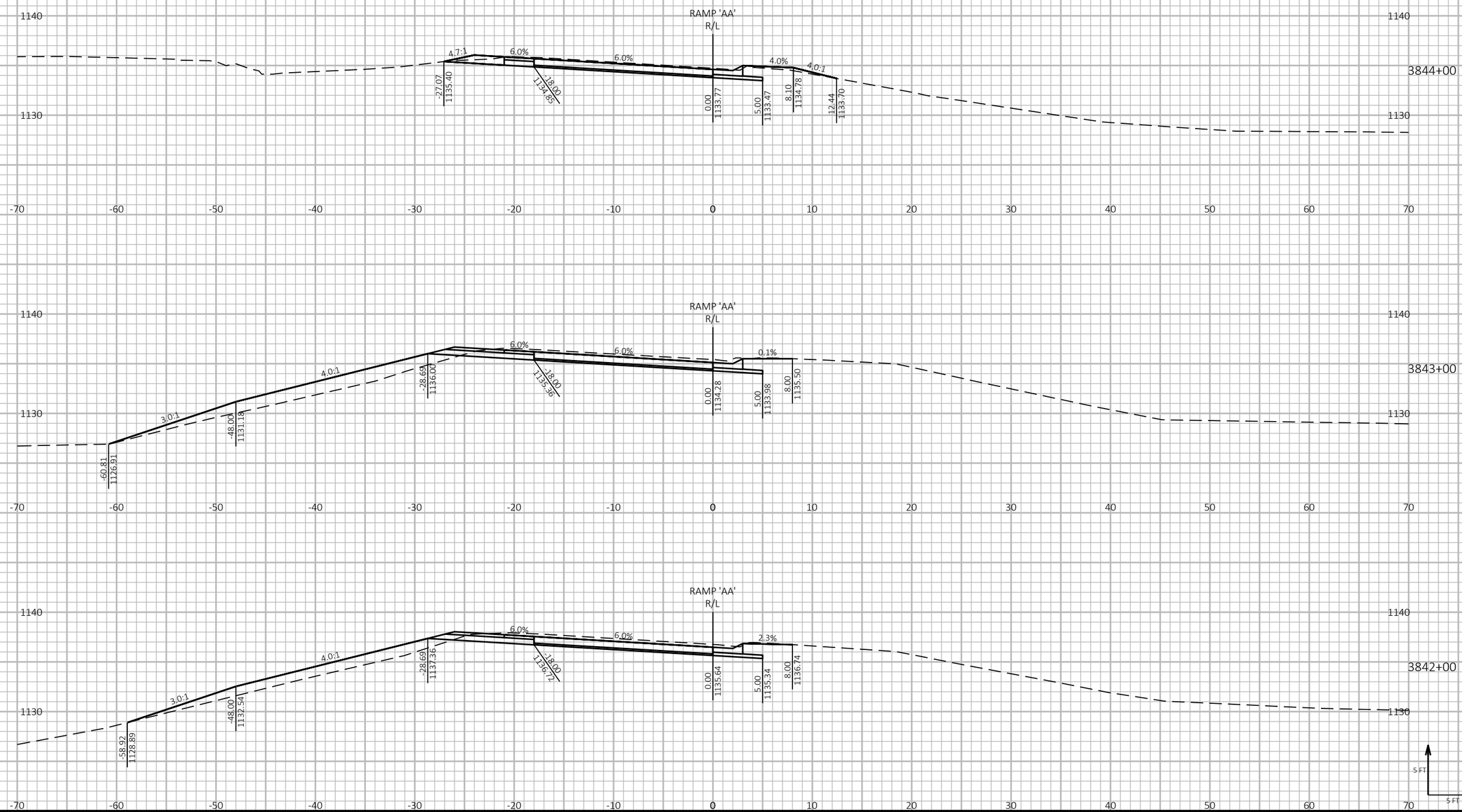
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 920	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090226-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 2/25/2022 11:01 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

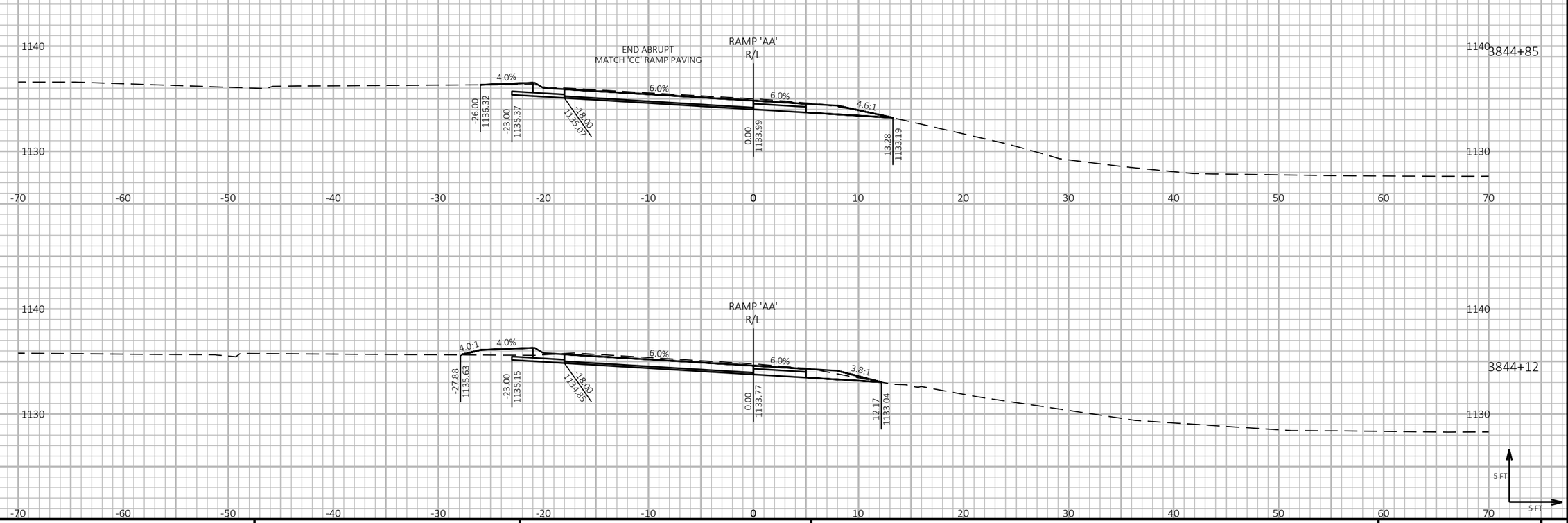
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 EXIT - STAGE 2	SHEET 921	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090226-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 2/25/2022 11:01 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

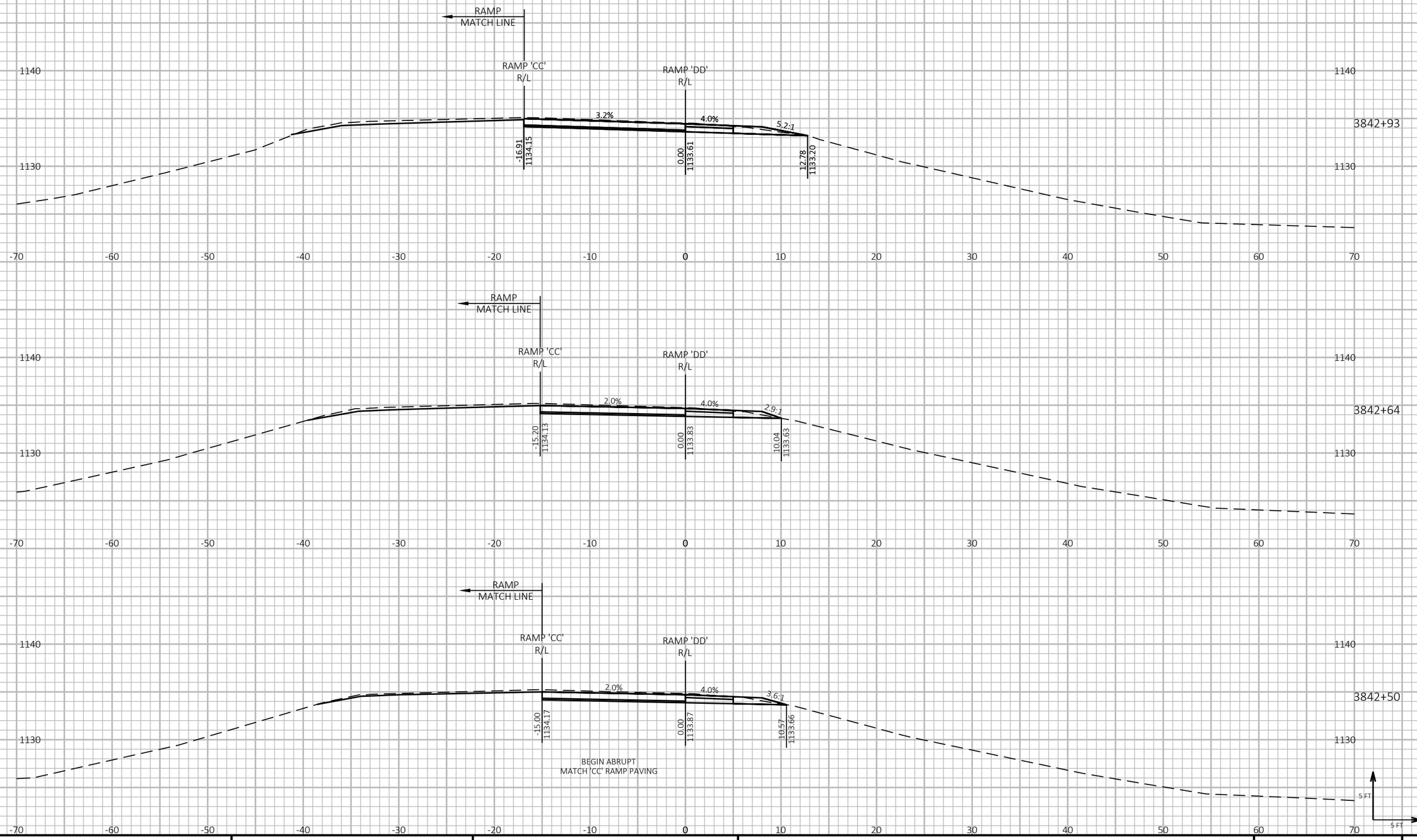
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 ENTRANCE - STAGE 2	SHEET 922	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090227-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/24/2022 3:26 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 ENTRANCE - STAGE 2	SHEET 923	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090227-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/24/2022 3:26 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

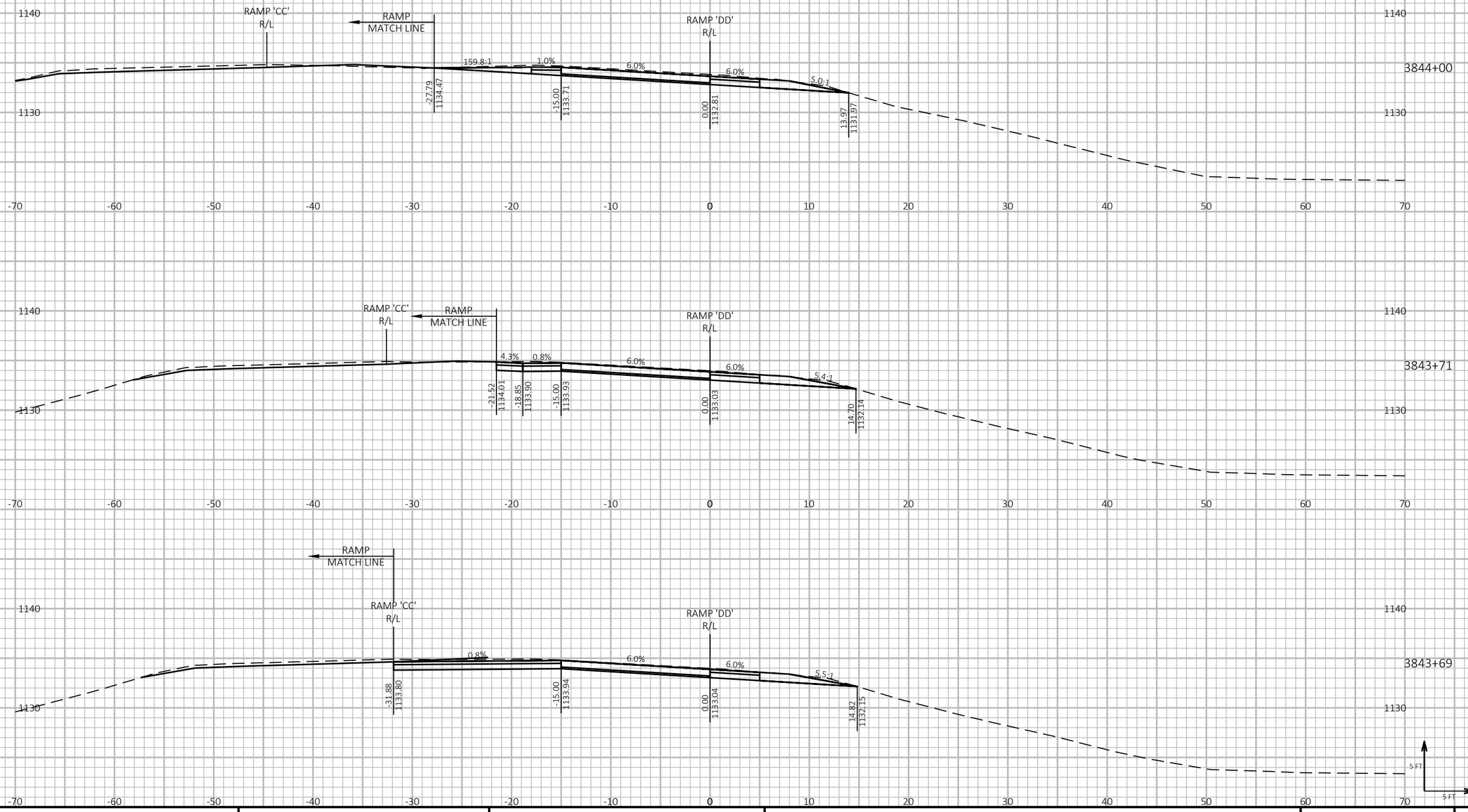
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 ENTRANCE - STAGE 2	SHEET 924	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090227-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/24/2022 3:26 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

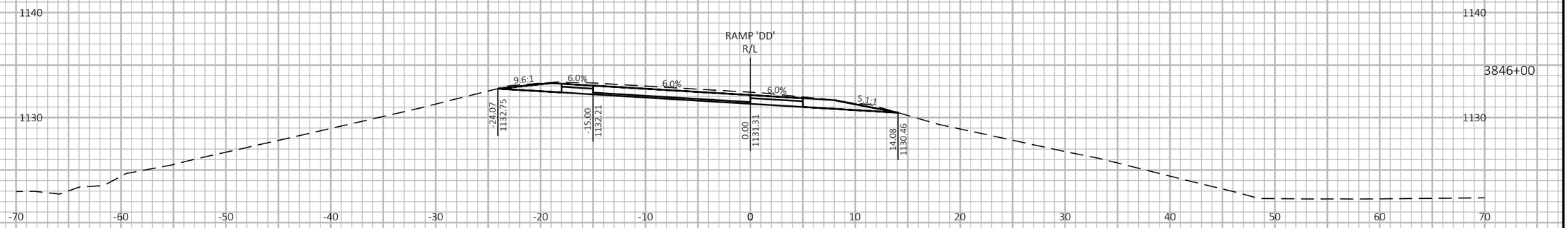
WISDOT/CADDS SHEET 49

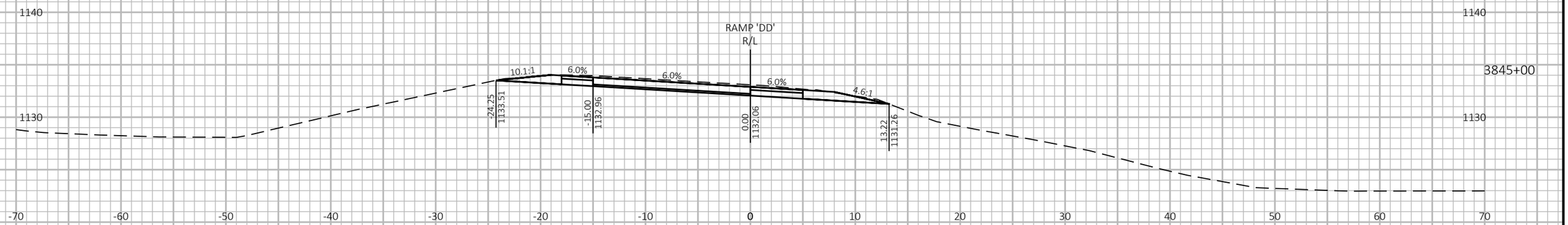
LEGEND

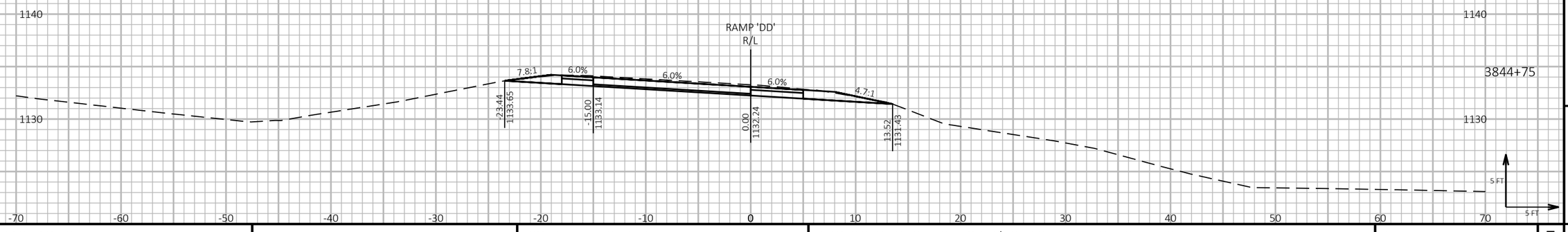
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 ENTRANCE - STAGE 2	SHEET 925	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090227-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 2/24/2022 3:27 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

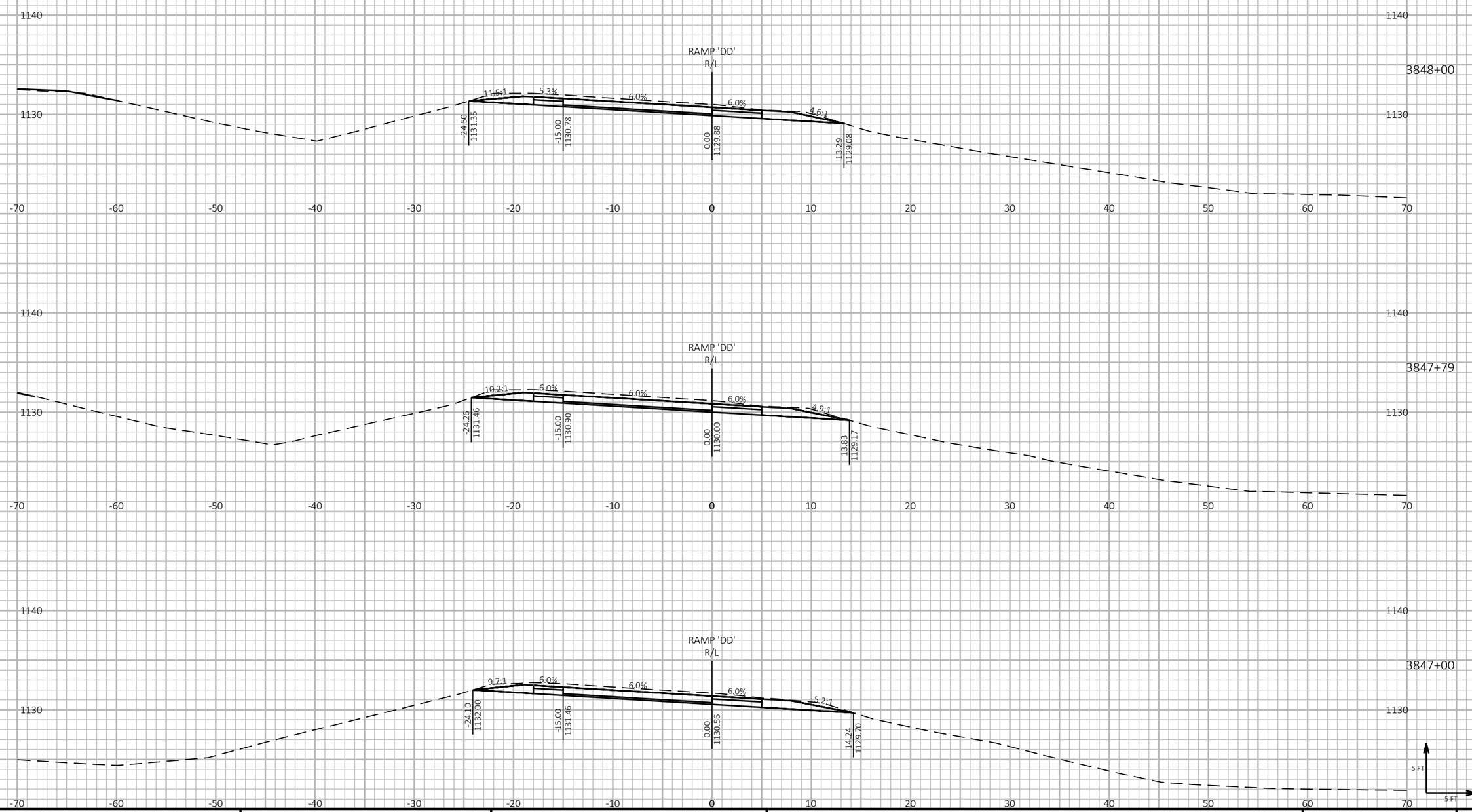
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 ENTRANCE - STAGE 2	SHEET 926	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090227-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 2/24/2022 3:27 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

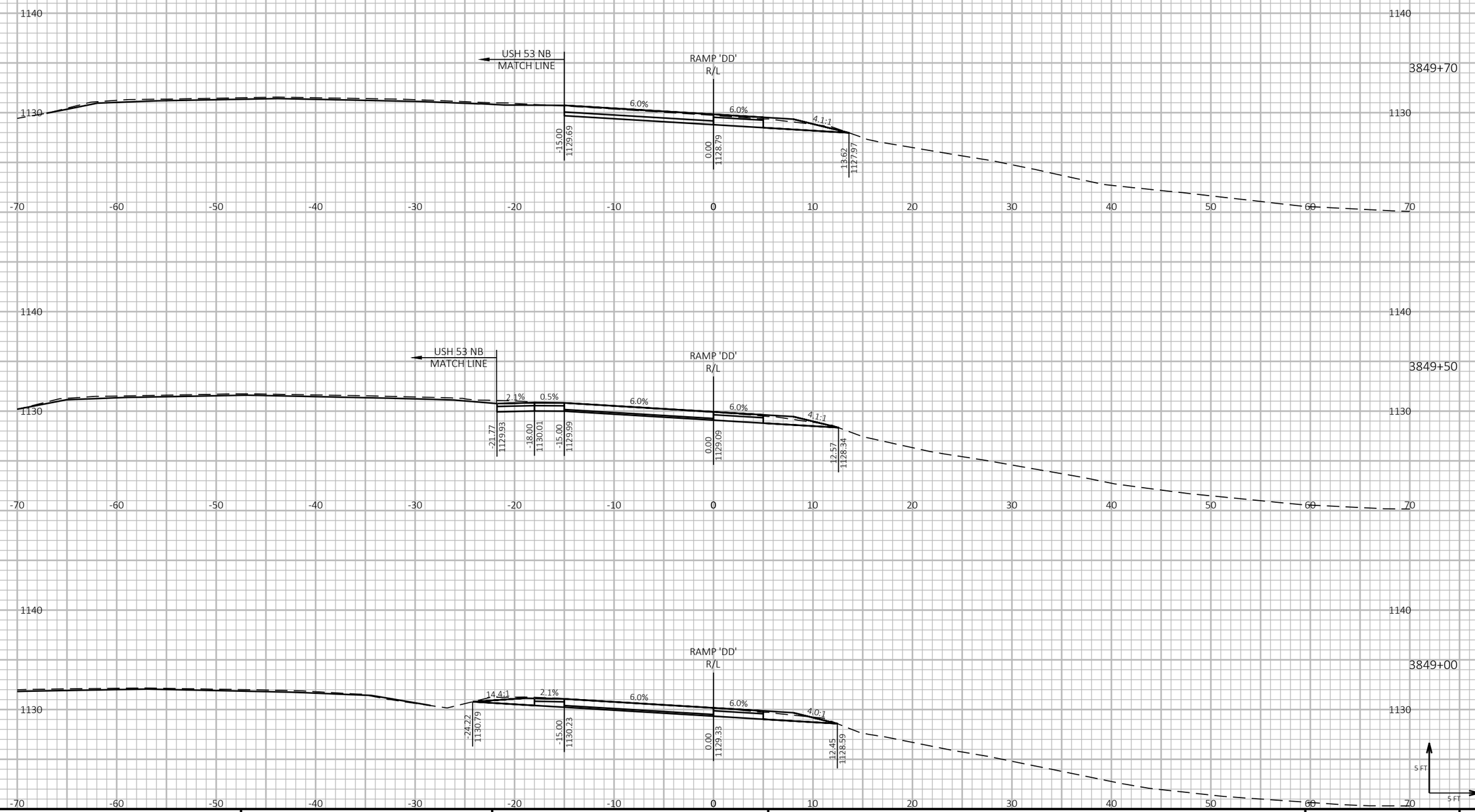
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 ENTRANCE - STAGE 2	SHEET 927	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090227-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 2/24/2022 3:27 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

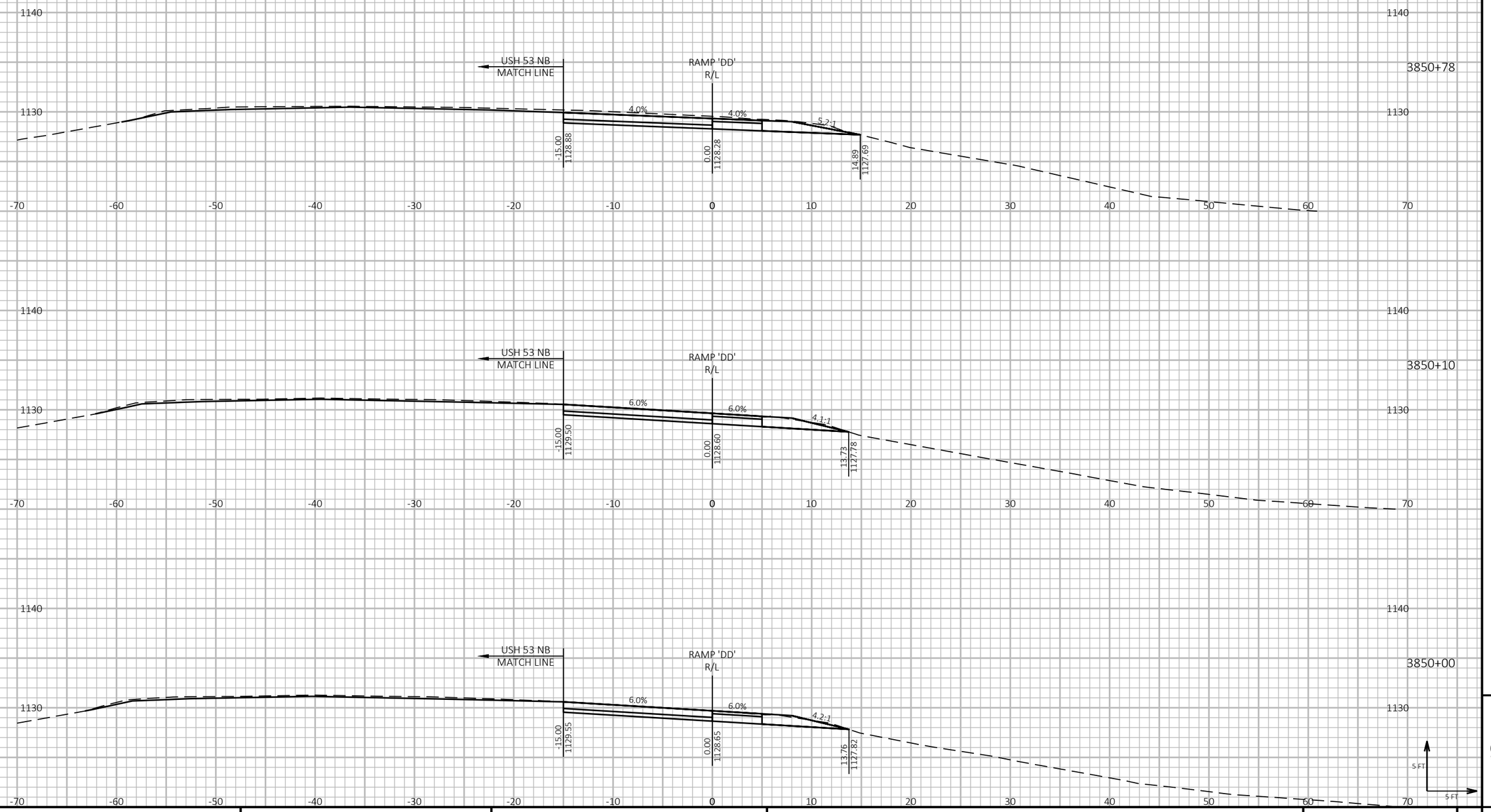
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 ENTRANCE - STAGE 2	SHEET 928	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090227-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 2/24/2022 3:28 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

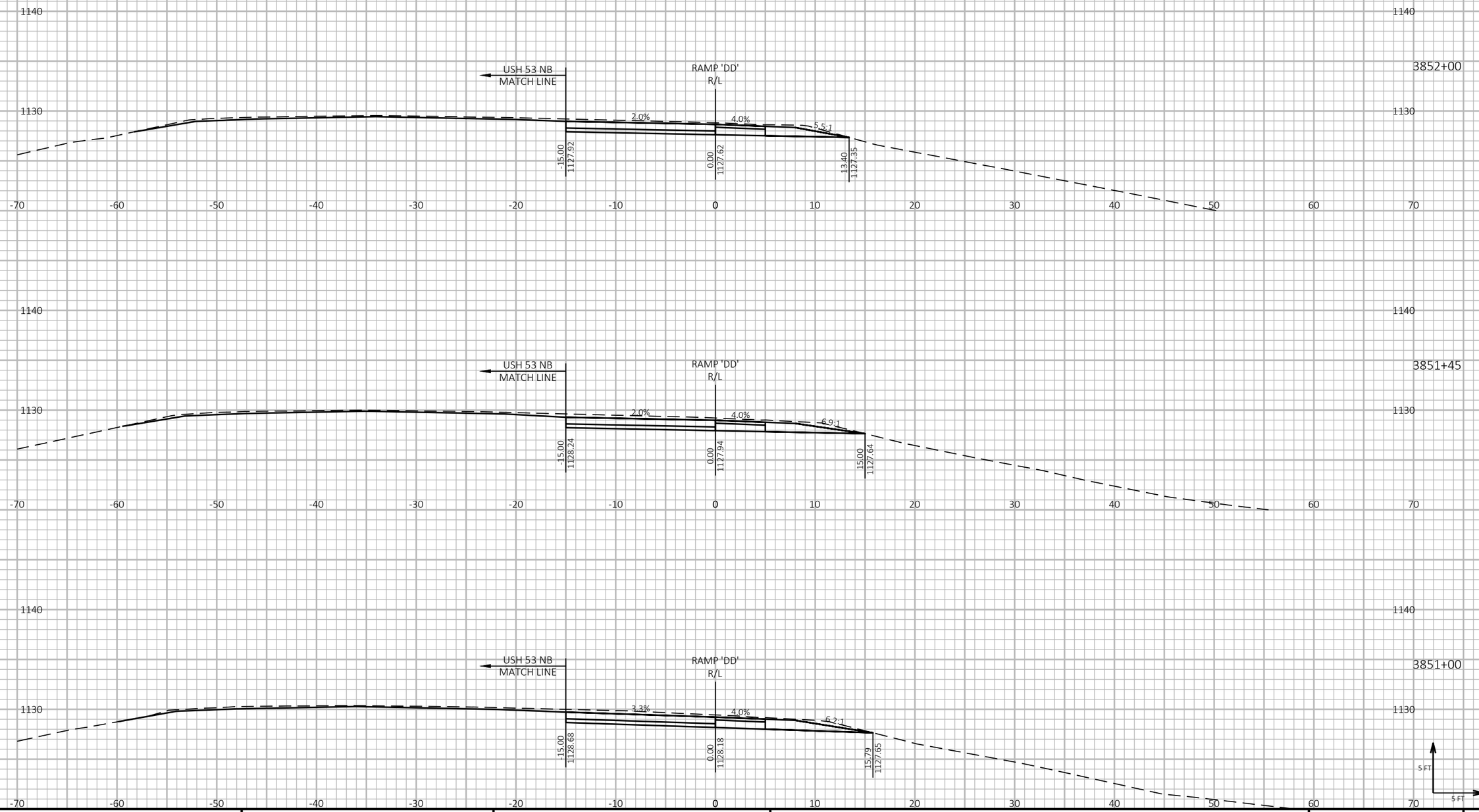
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 ENTRANCE - STAGE 2	SHEET 929	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090227-XS-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 2/24/2022 3:28 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

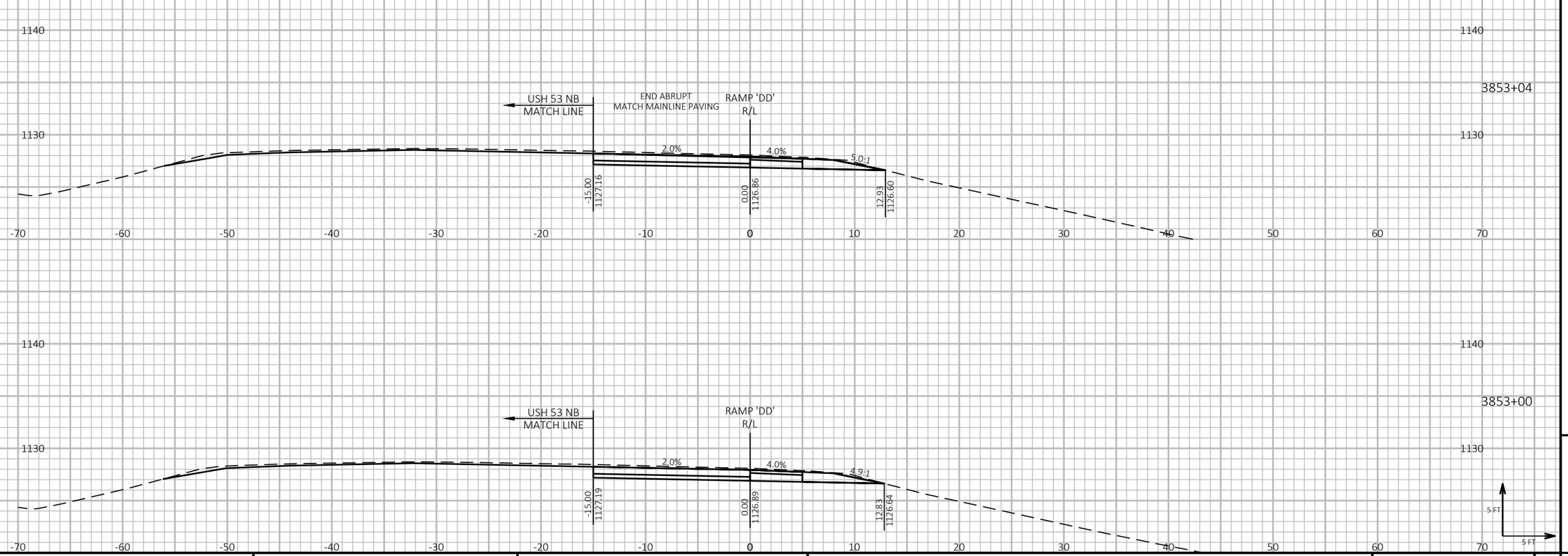
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 ENTRANCE - STAGE 2	SHEET 930	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090227-XS-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 2/24/2022 3:28 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

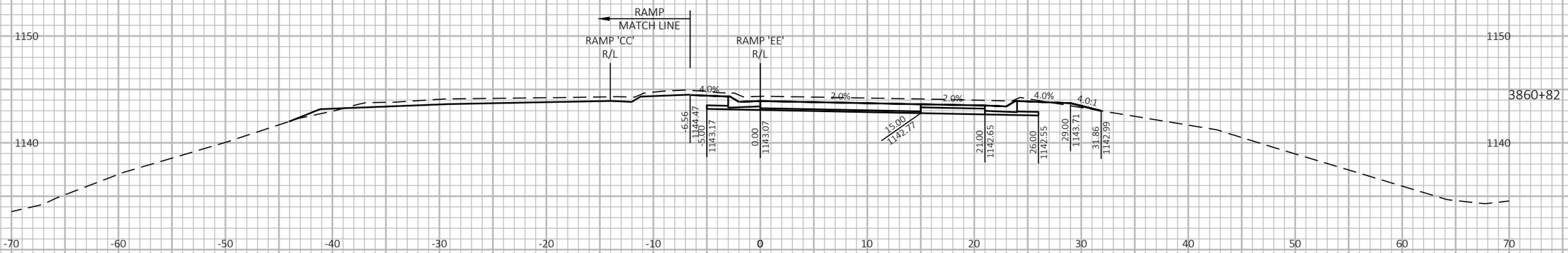
WISDOT/CADDS SHEET 49

LEGEND

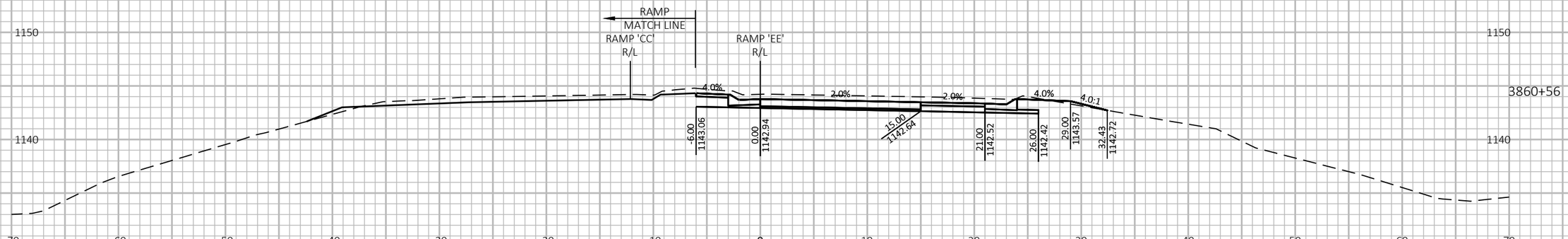
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

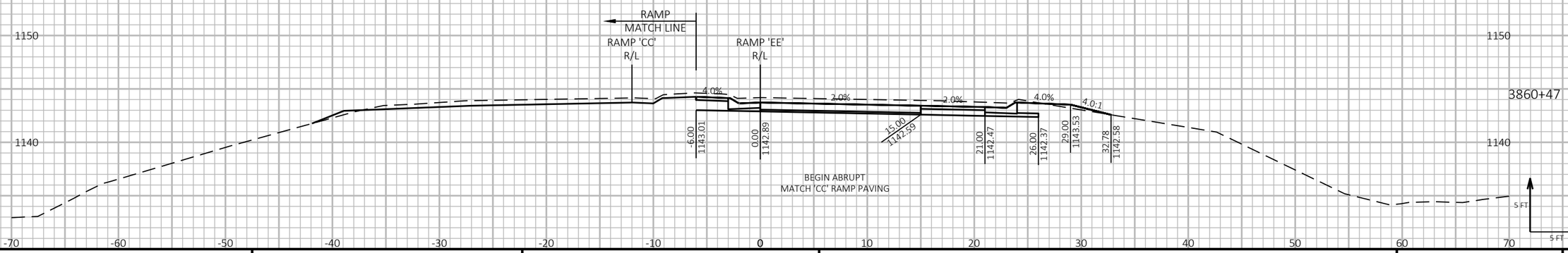
STAGE 2 CONSTRUCTION



3860+82



3860+56



3860+47

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 SB EXIT - STAGE 2	SHEET 931	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090228-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/24/2022 12:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

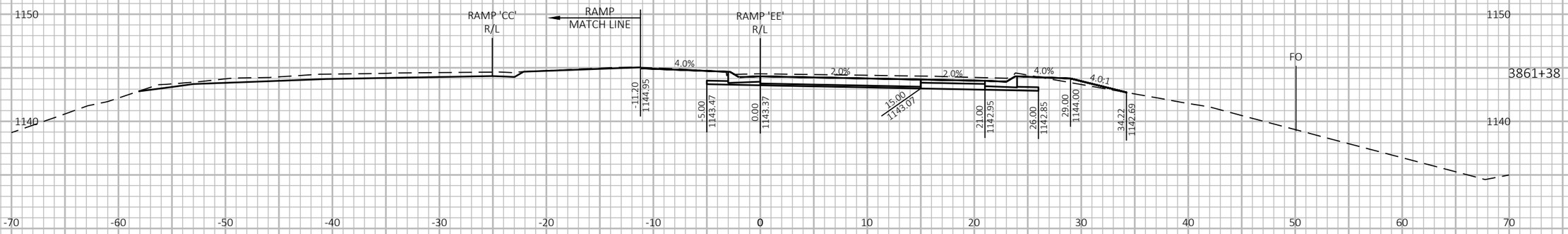
WISDOT/CADDS SHEET 49

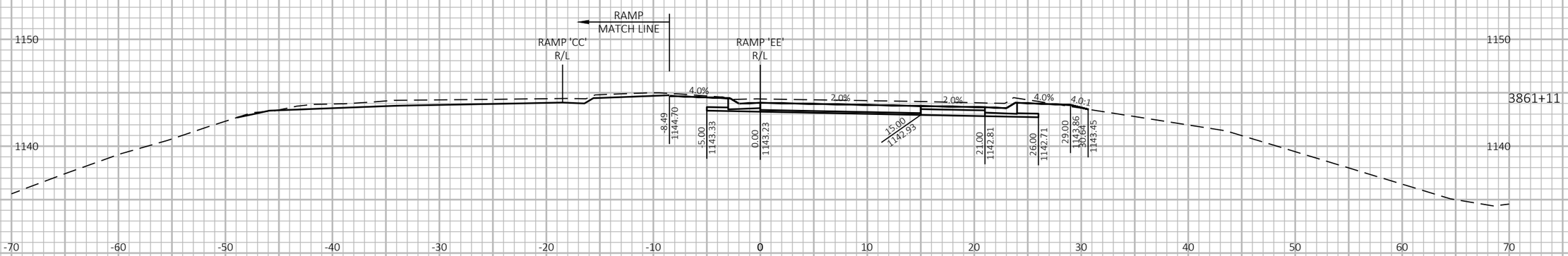
LEGEND

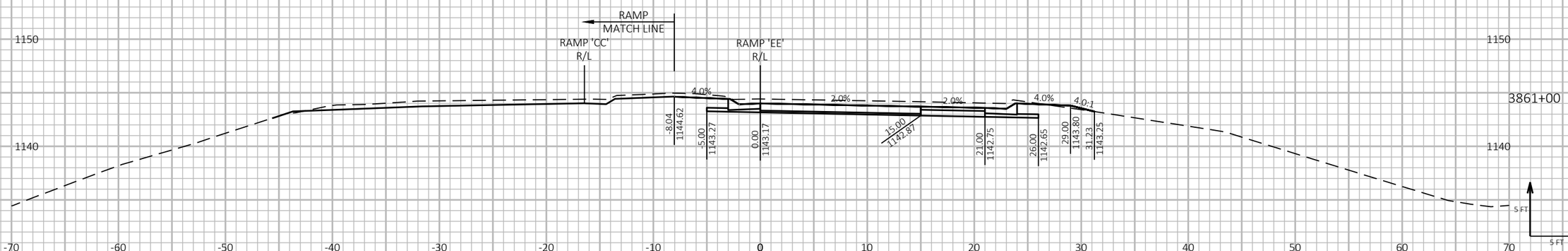
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 SB EXIT - STAGE 2	SHEET 932	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090228-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/24/2022 12:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

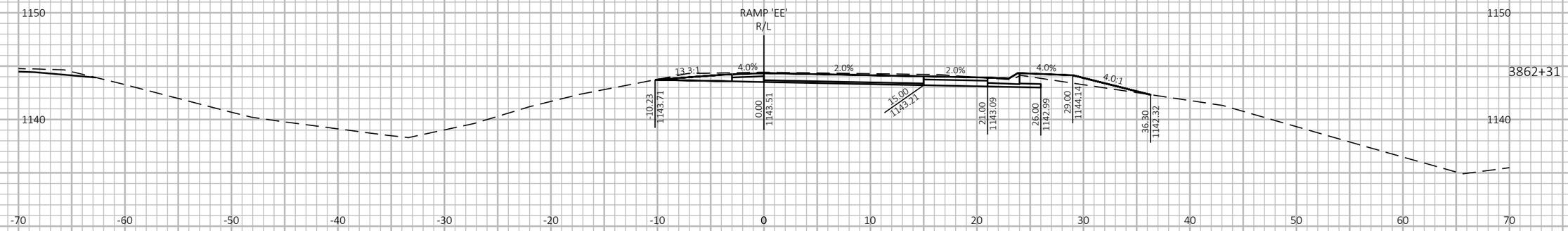
WISDOT/CADDS SHEET 49

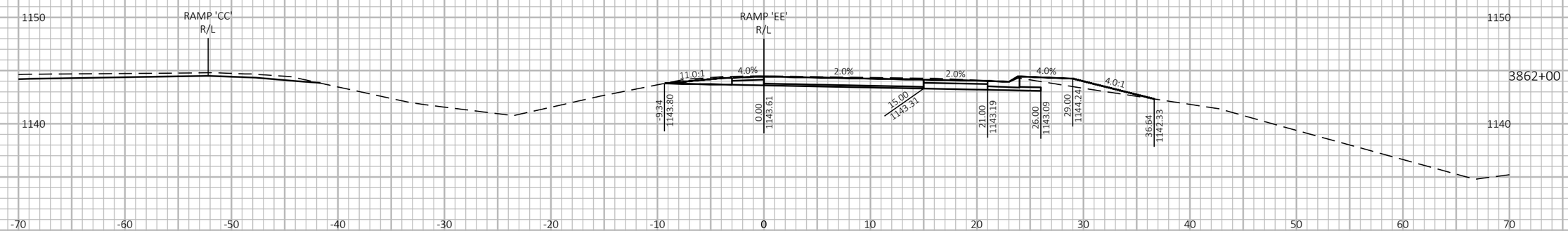
LEGEND

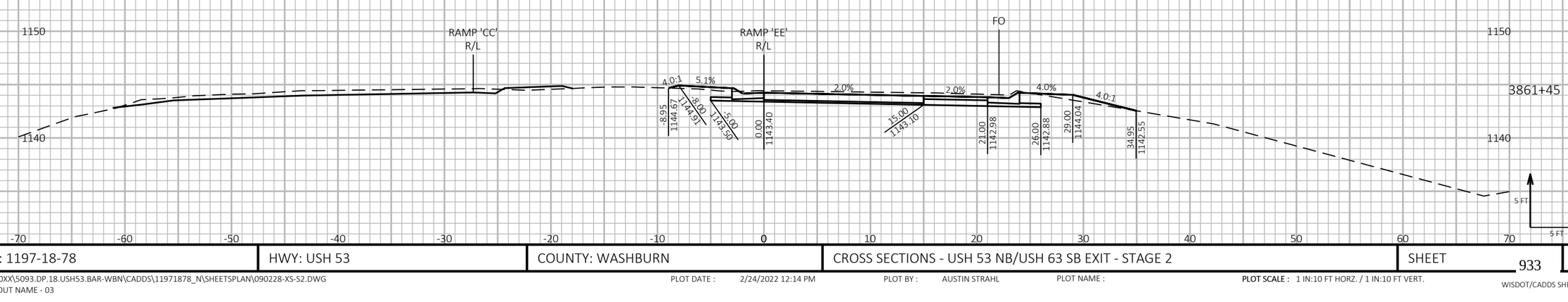
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 SB EXIT - STAGE 2	SHEET 933	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090228-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/24/2022 12:14 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

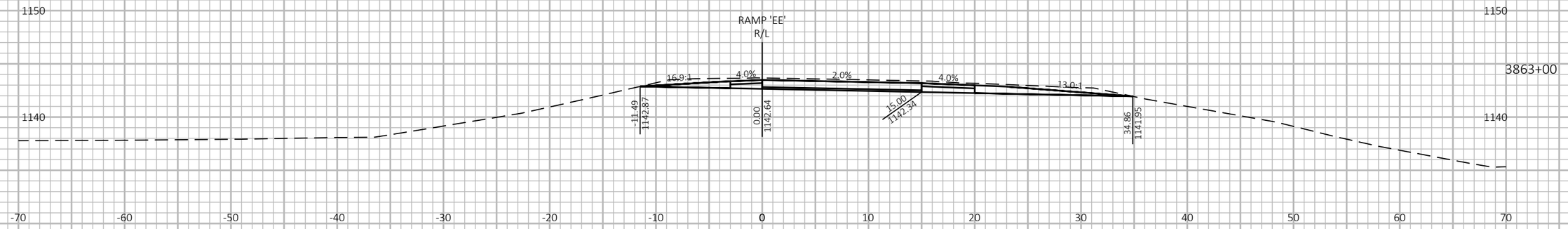
WISDOT/CADDS SHEET 49

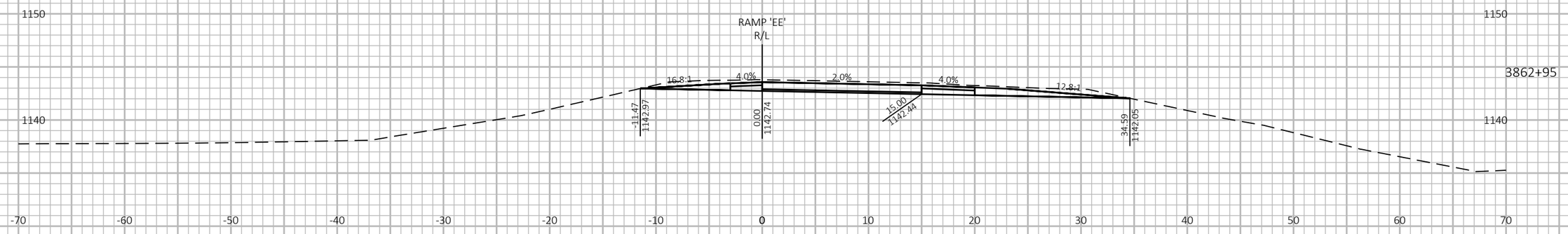
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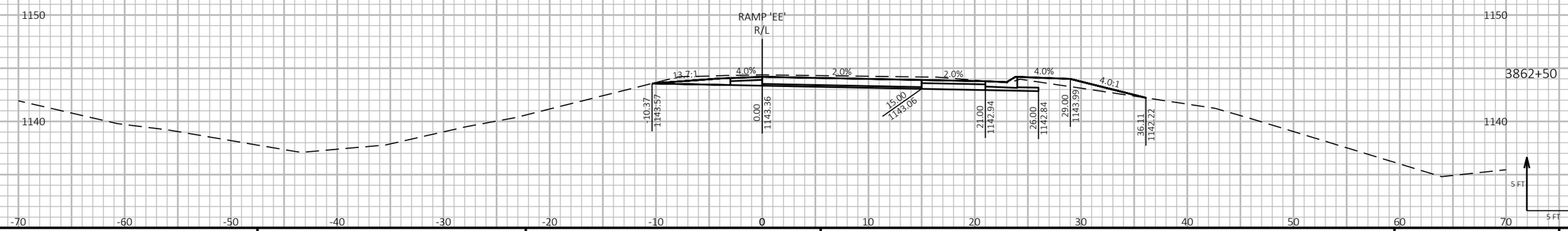
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 SB EXIT - STAGE 2	SHEET 934	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090228-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 2/24/2022 12:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

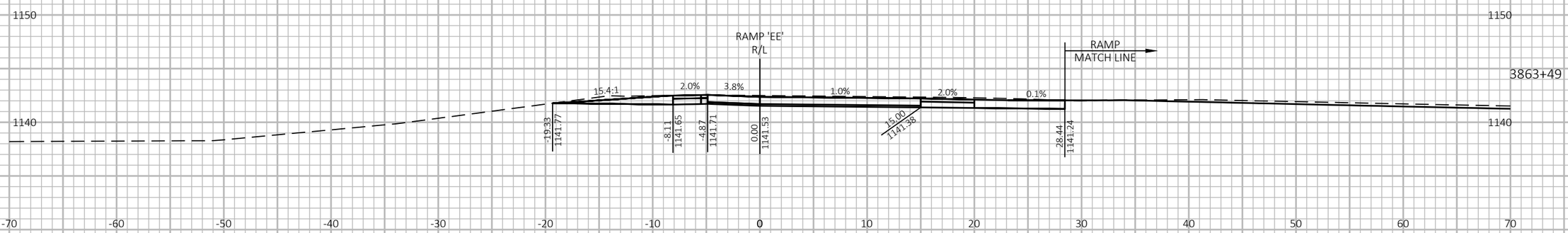
WISDOT/CADDS SHEET 49

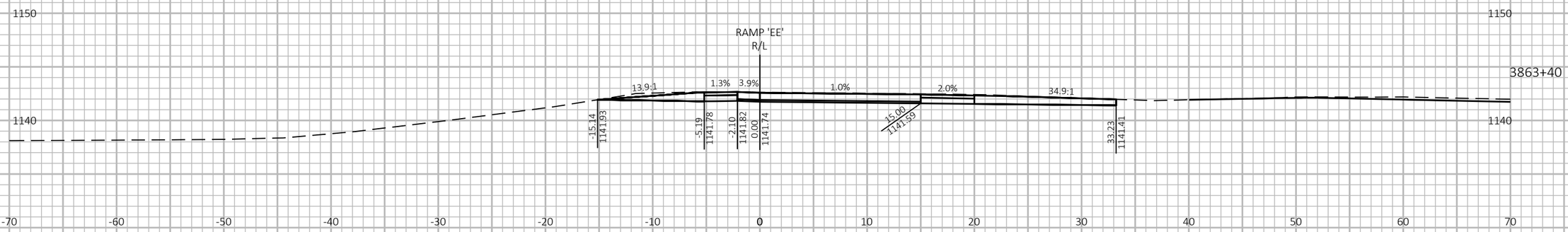
LEGEND

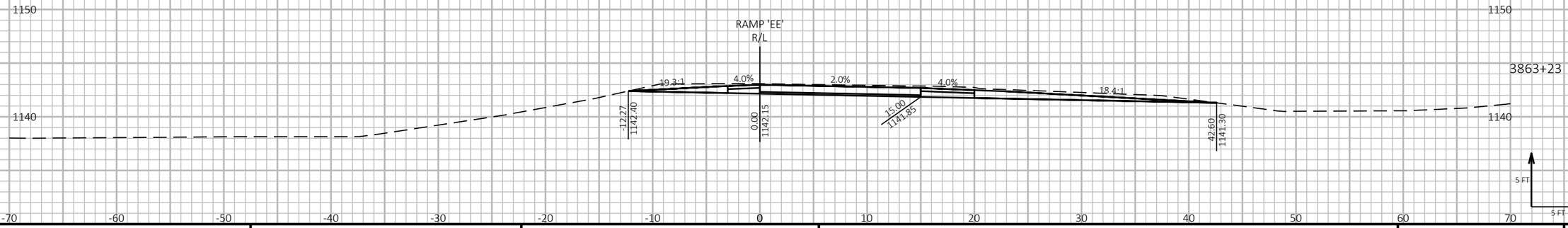
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 SB EXIT - STAGE 2	SHEET 935	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090228-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 2/24/2022 12:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

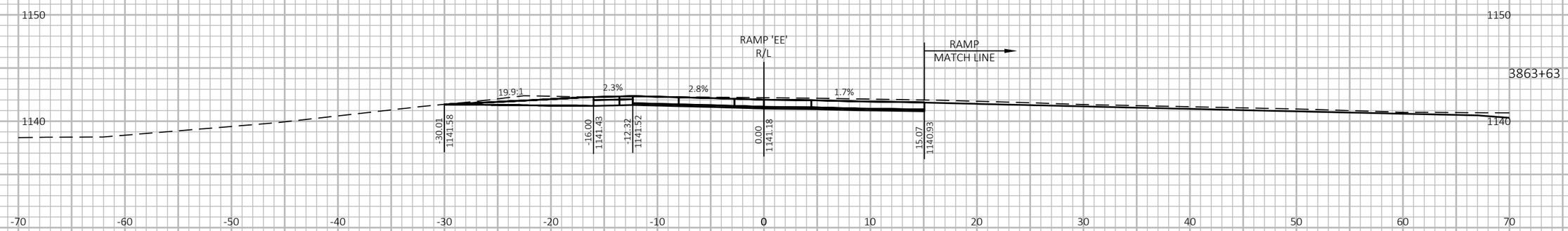
WISDOT/CADDS SHEET 49

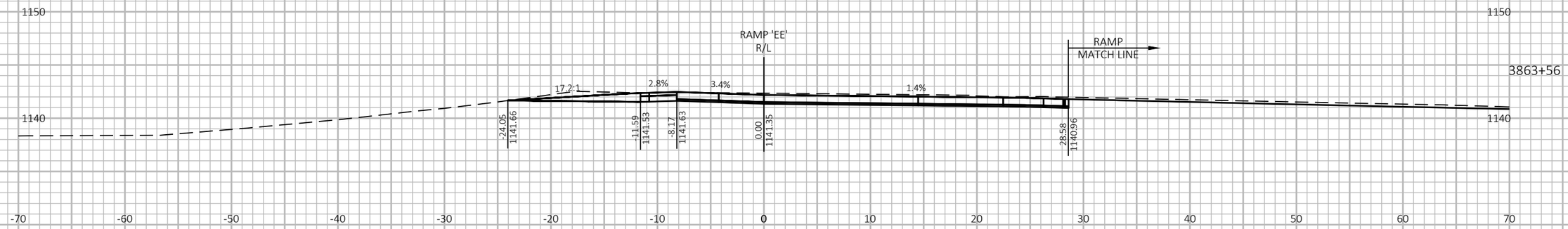
LEGEND

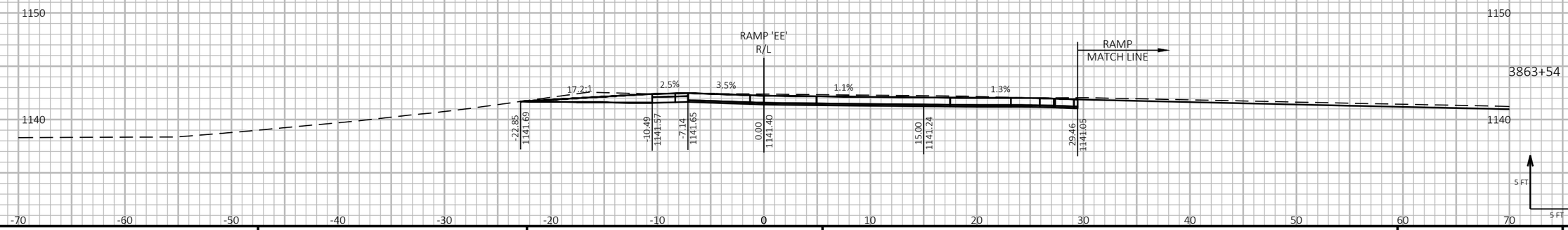
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 SB EXIT - STAGE 2	SHEET 936	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090228-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 2/24/2022 12:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

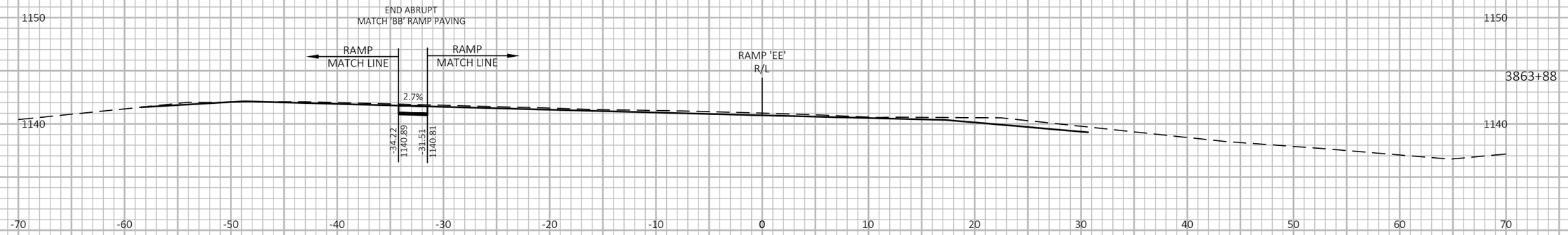
WISDOT/CADDS SHEET 49

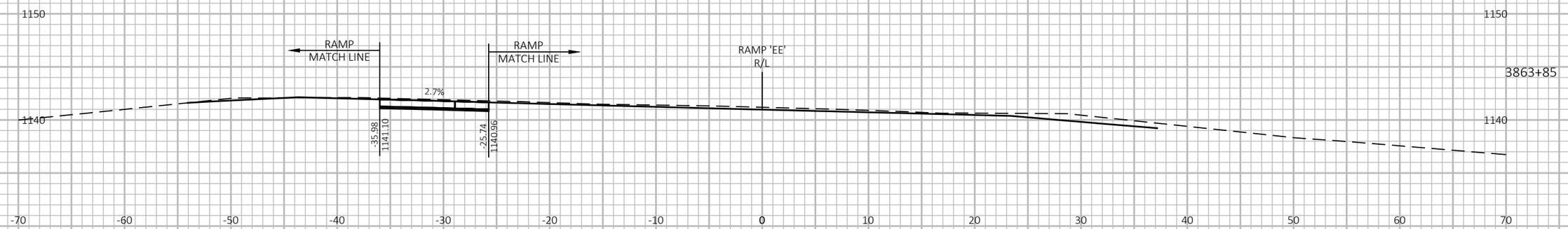
LEGEND

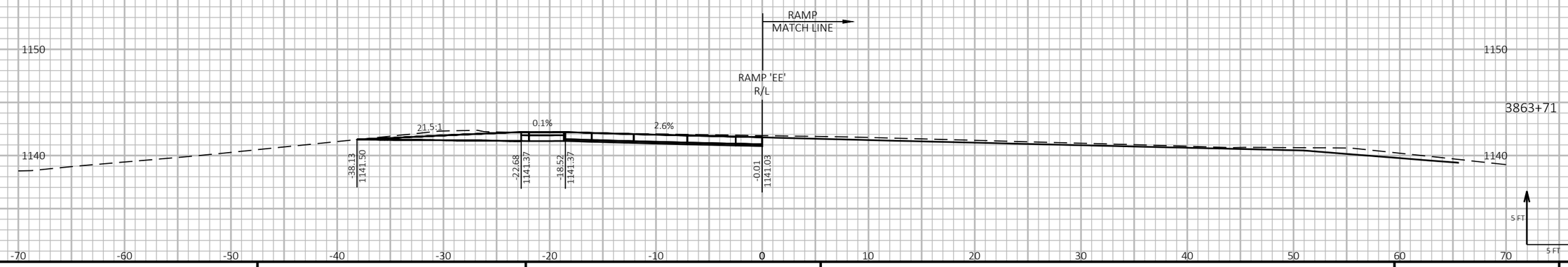
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB/USH 63 SB EXIT - STAGE 2	SHEET 937	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090228-XS-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 2/24/2022 12:15 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

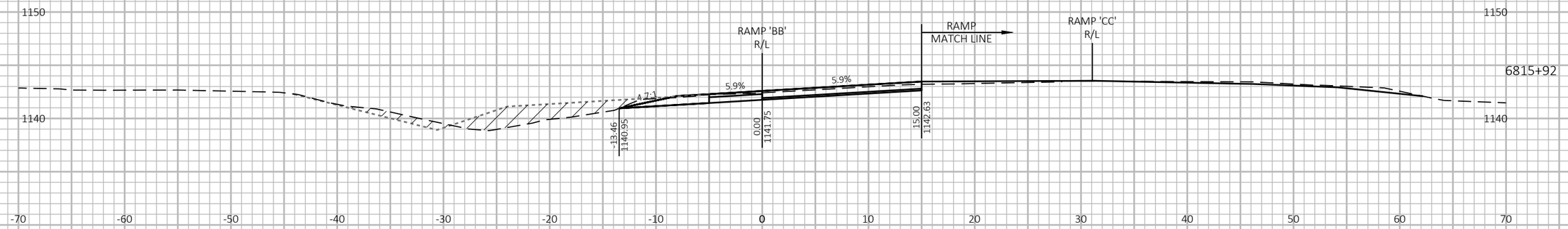
LEGEND

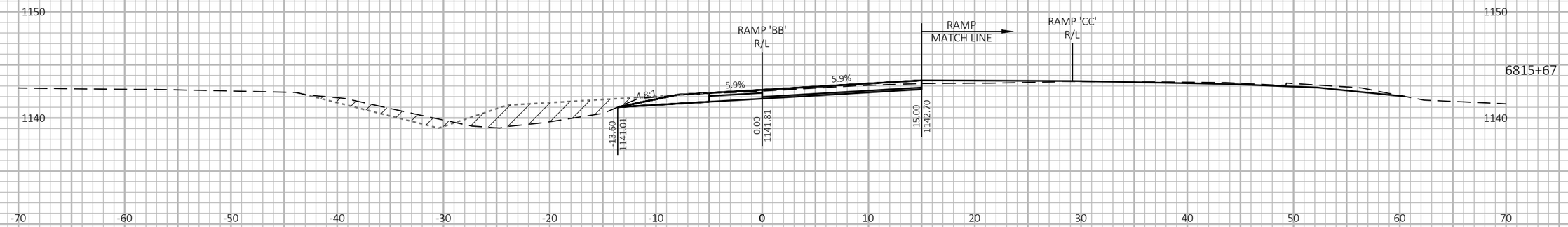
EXISTING GROUND

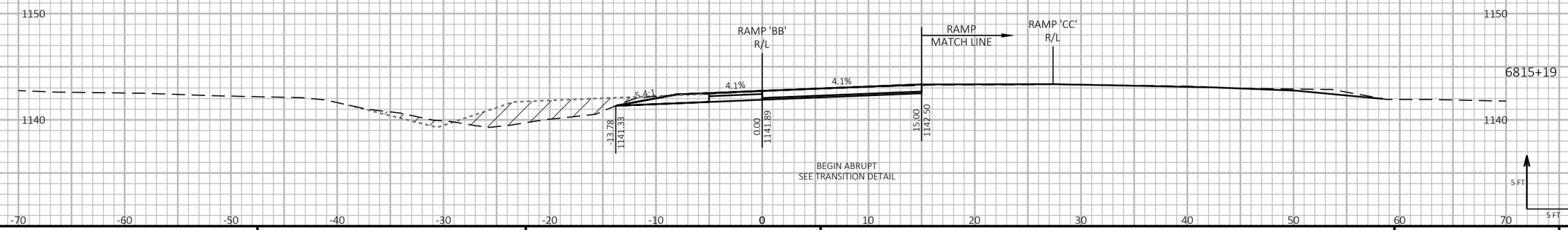
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND







9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 2	SHEET 938	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090229-XS-S2.DWG
LAYOUT NAME - 01

PLOT DATE : 2/24/2022 5:35 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

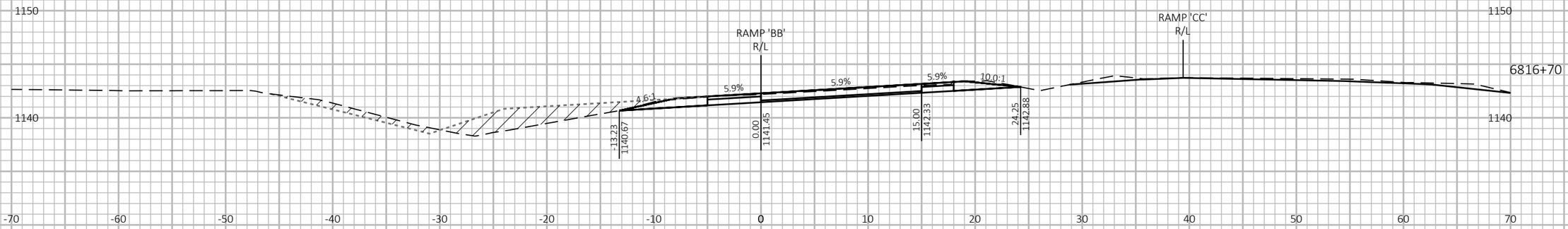
LEGEND

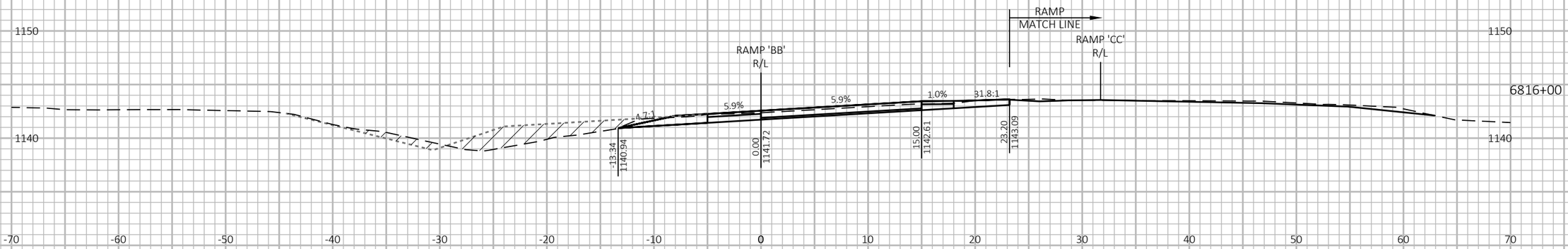
EXISTING GROUND

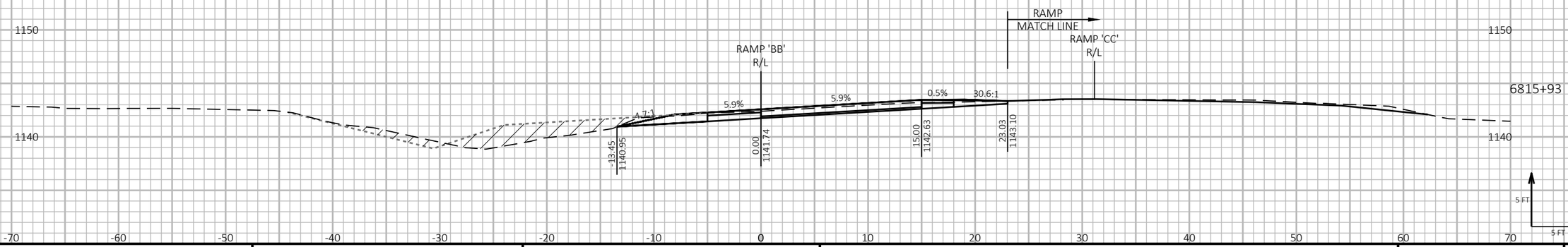
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND







9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 2	SHEET 939	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090229-XS-S2.DWG
LAYOUT NAME - 02

PLOT DATE : 2/24/2022 5:36 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

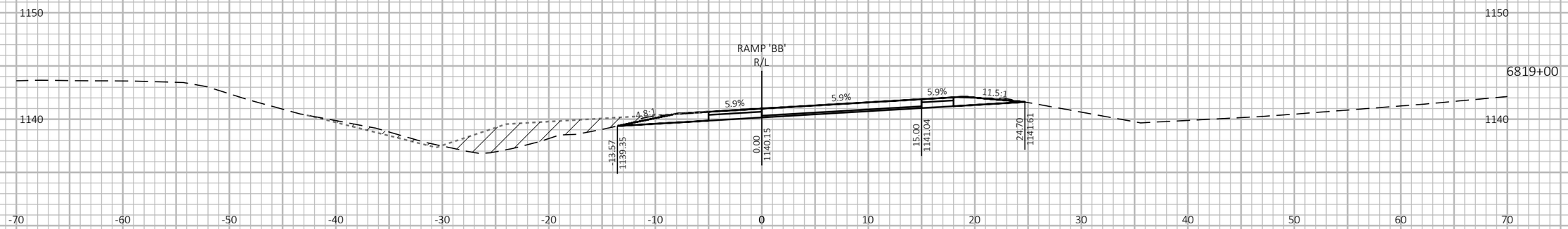
LEGEND

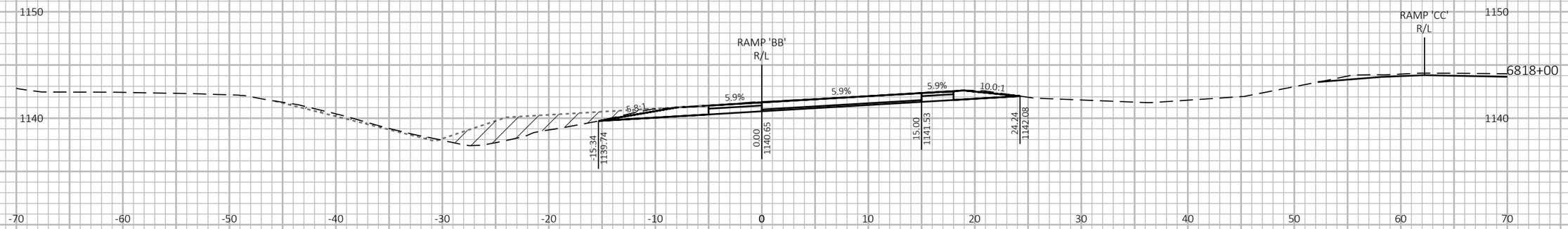
EXISTING GROUND

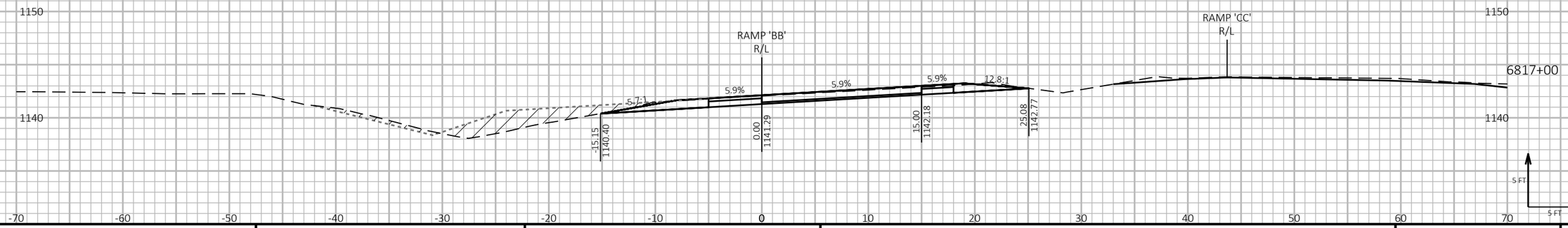
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND







9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 2	SHEET 940	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090229-XS-S2.DWG
LAYOUT NAME - 03

PLOT DATE : 2/24/2022 5:36 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

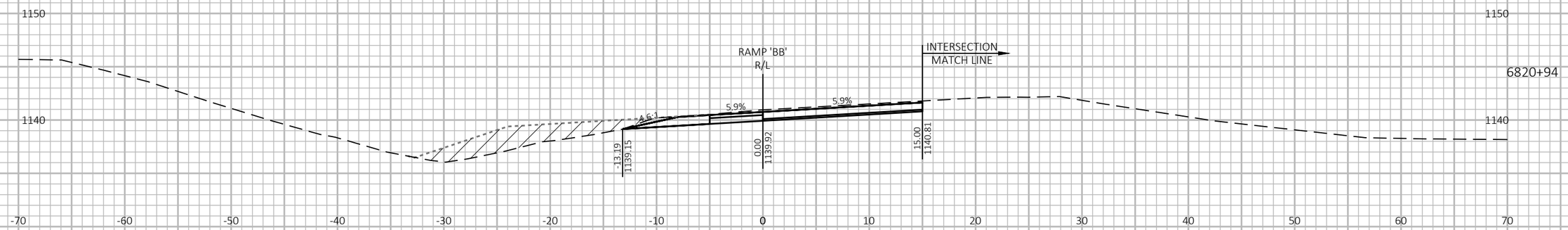
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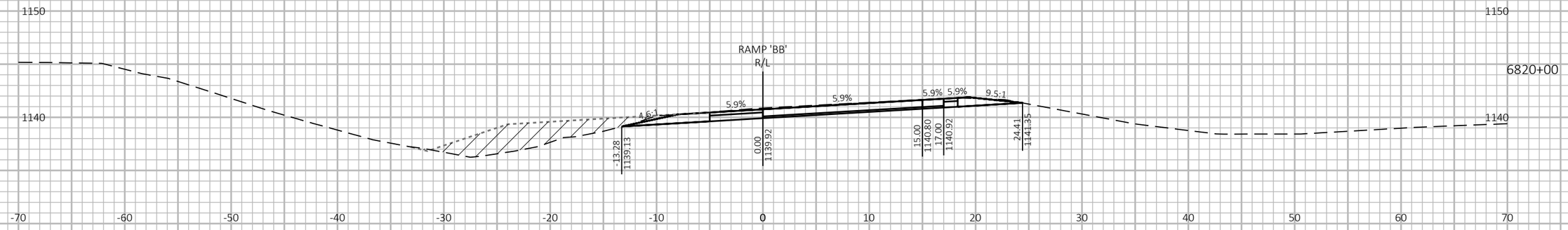
EXISTING GROUND

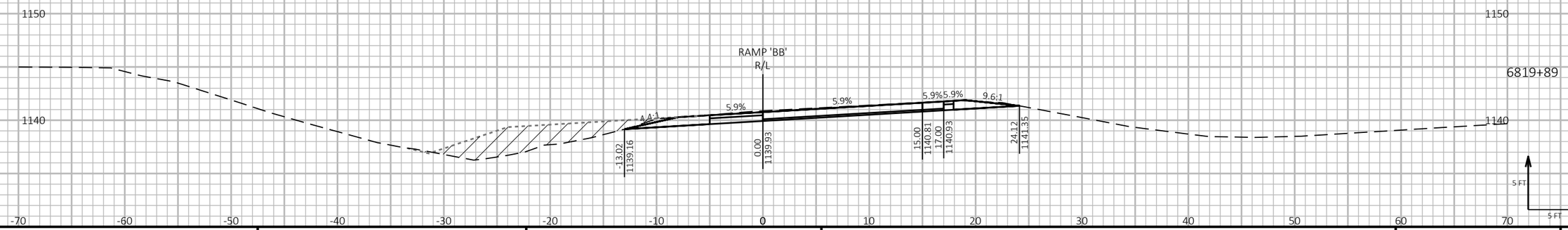
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 2	SHEET 941	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090229-XS-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 2/24/2022 5:36 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

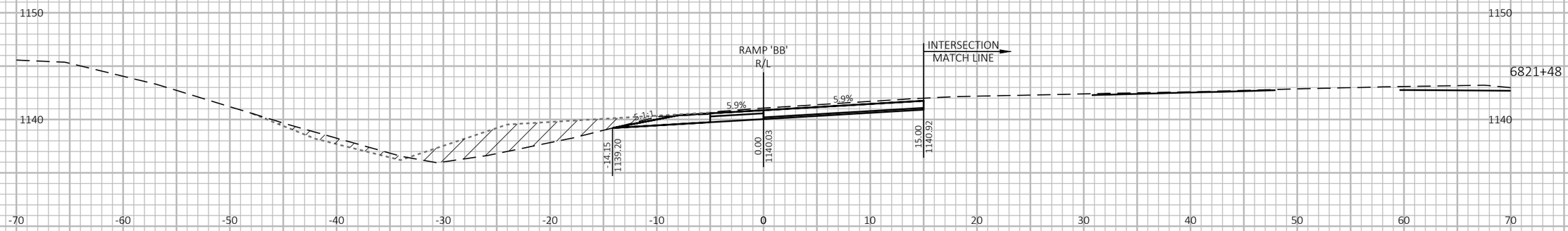
LEGEND

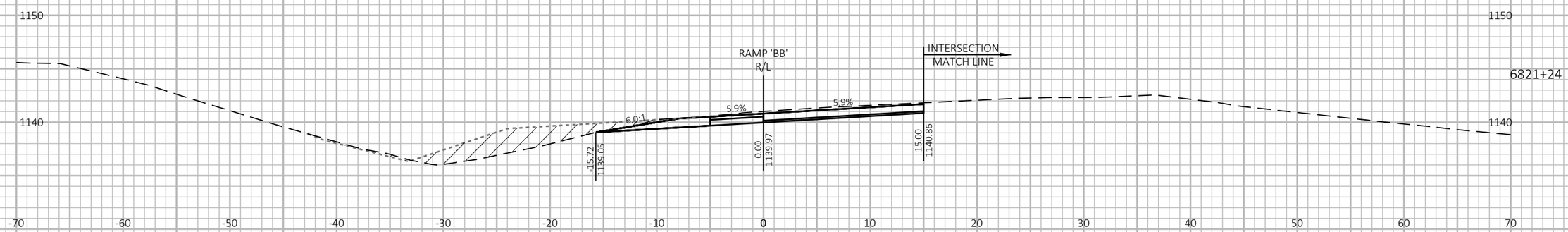
EXISTING GROUND

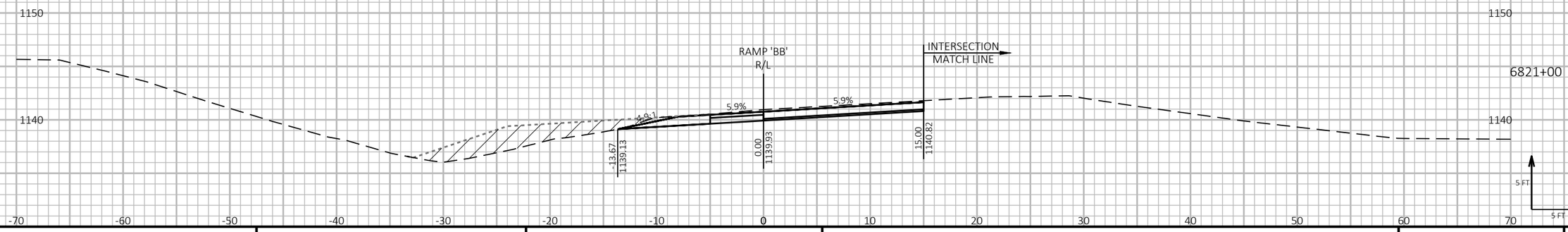
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND







9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 2	SHEET 942	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090229-XS-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 2/24/2022 5:36 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

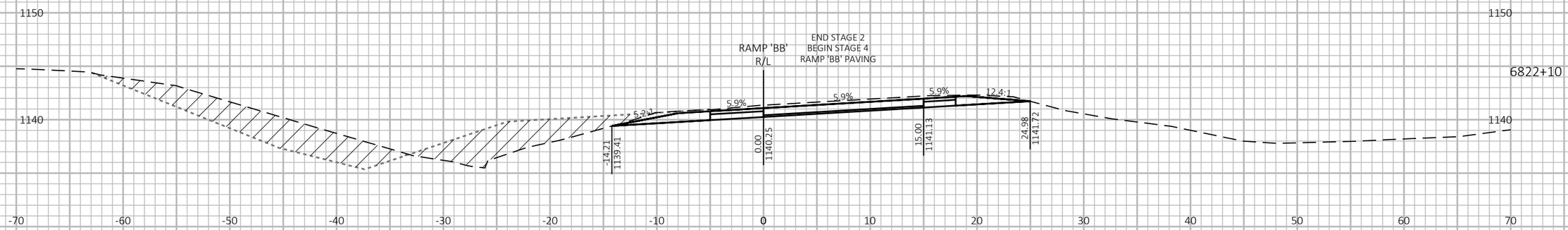
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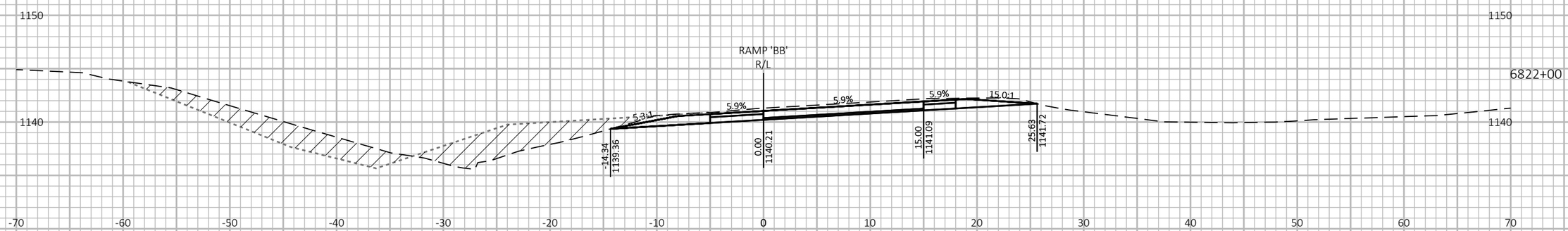
EXISTING GROUND

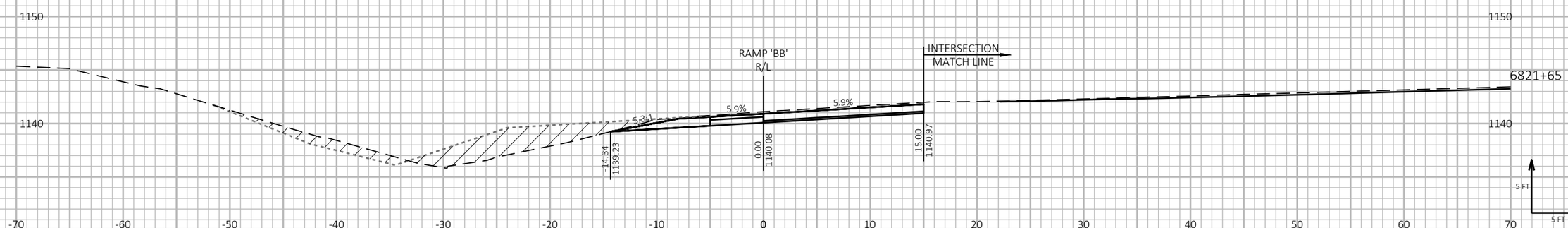
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND







9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 2	SHEET 943	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090229-XS-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 2/24/2022 5:37 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

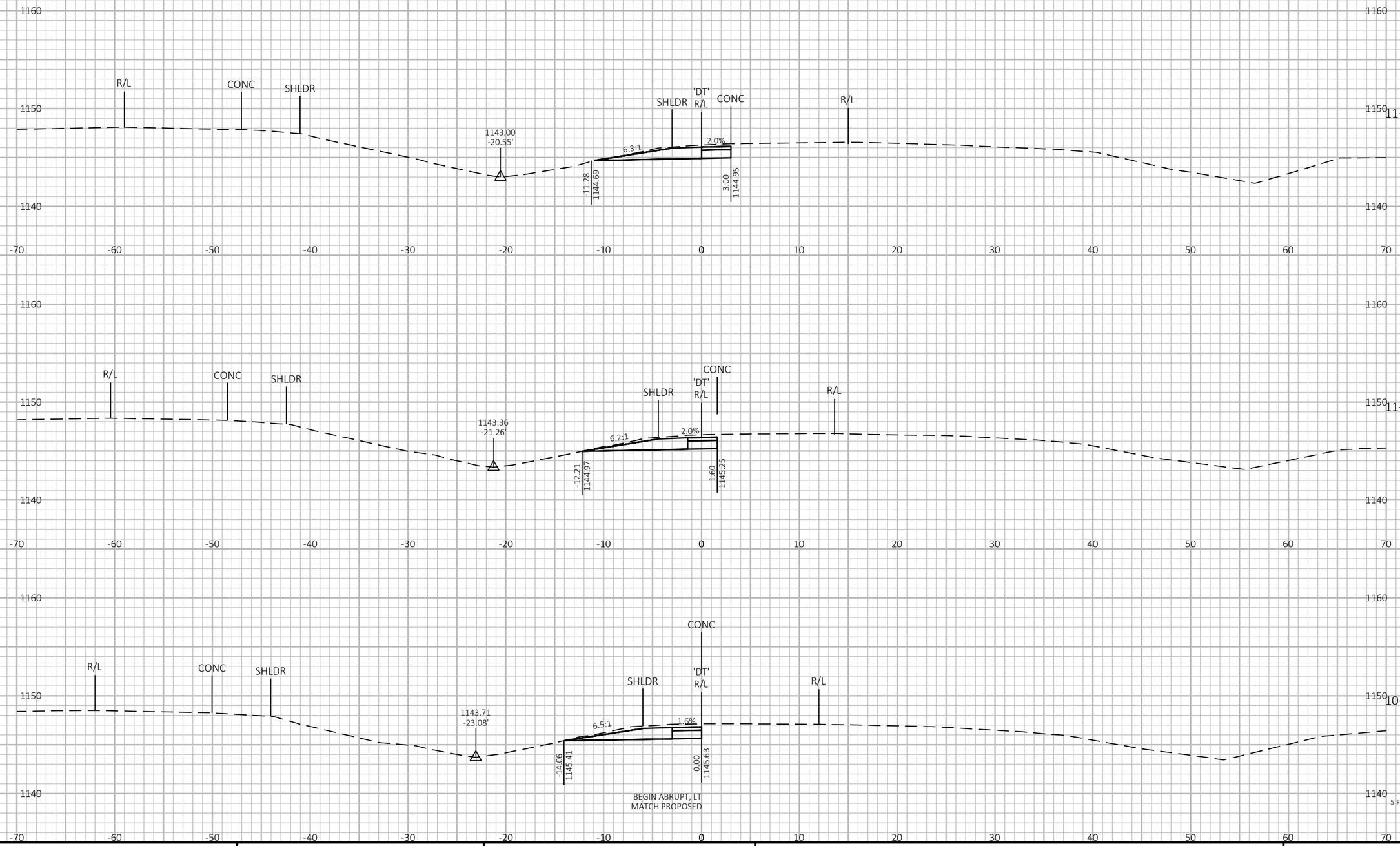
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 944	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090230-XS-S3.DWG
LAYOUT NAME - 01

PLOT DATE : 10/31/2022 1:30 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

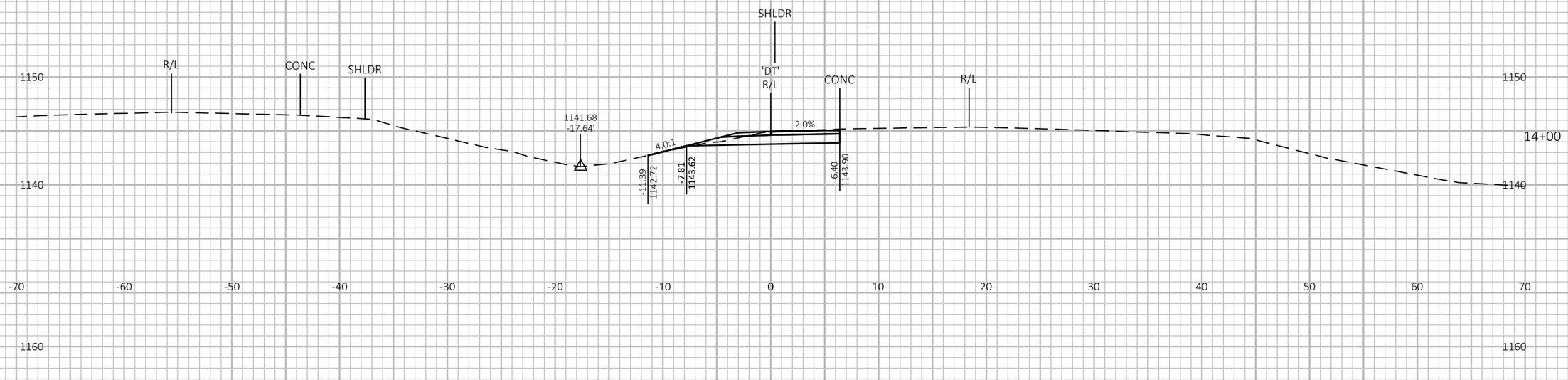
WISDOT/CADDS SHEET 49

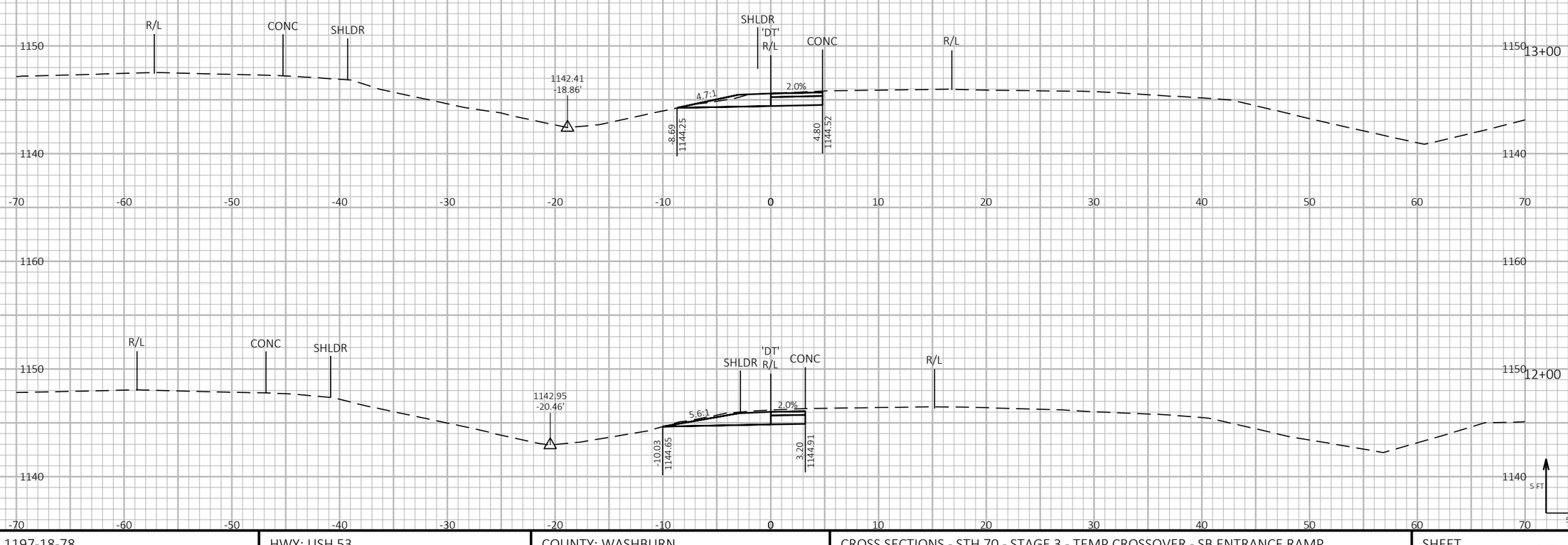
LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 945	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090230-XS-S3.DWG
LAYOUT NAME - 02

PLOT DATE : 10/31/2022 1:30 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

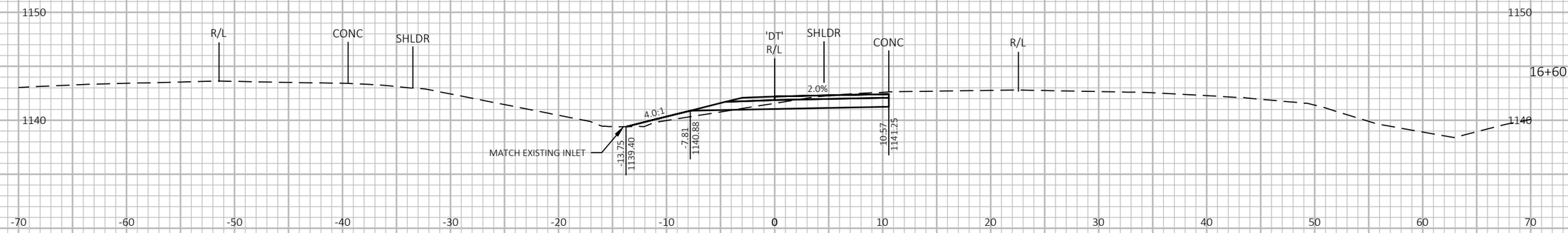
WISDOT/CADDS SHEET 49

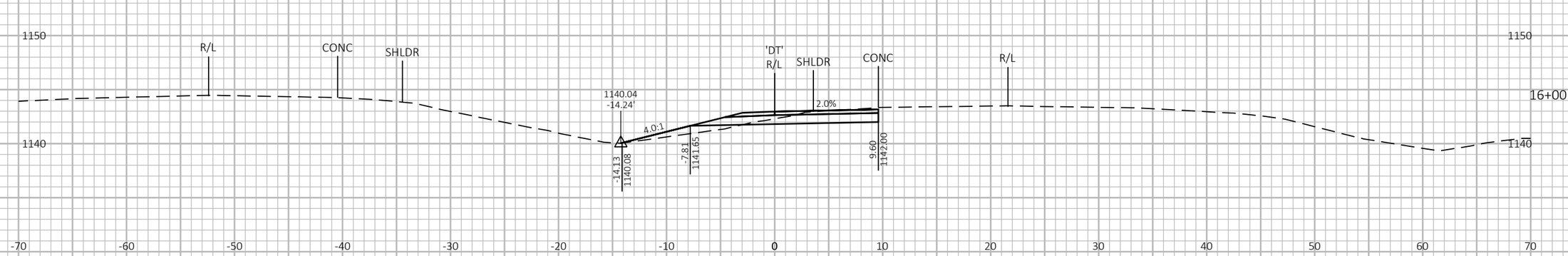
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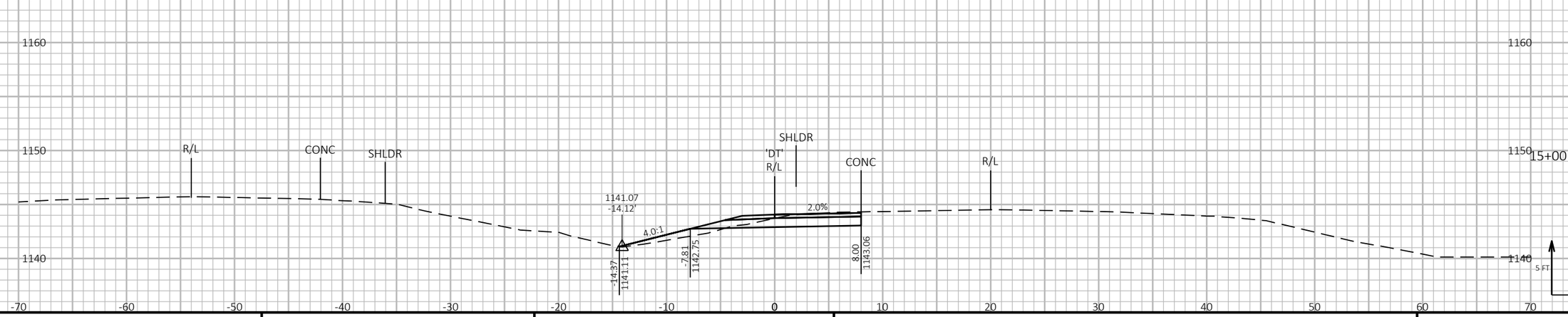
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 946	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090230-XS-S3.DWG
LAYOUT NAME - 03

PLOT DATE : 10/31/2022 1:31 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

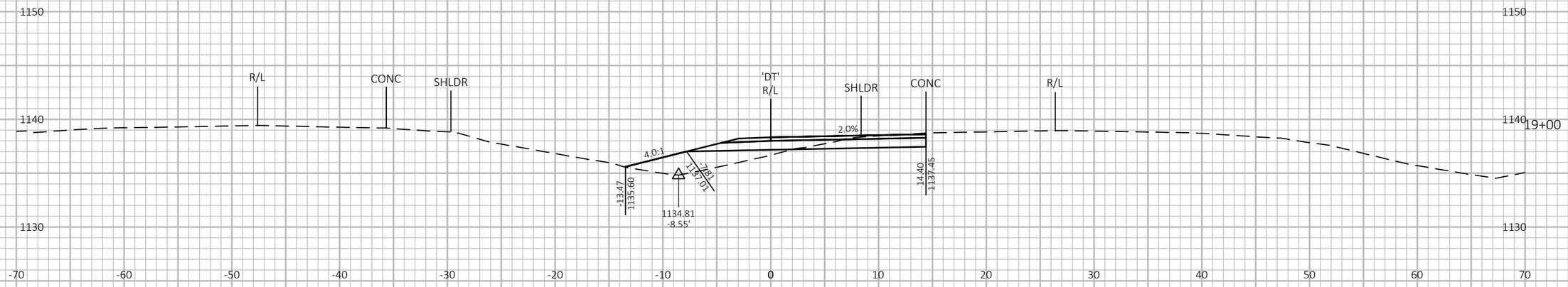
WISDOT/CADDS SHEET 49

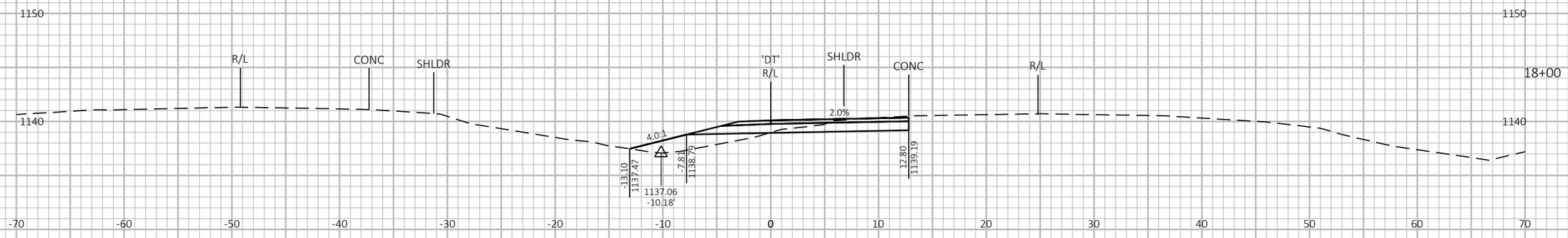
LEGEND

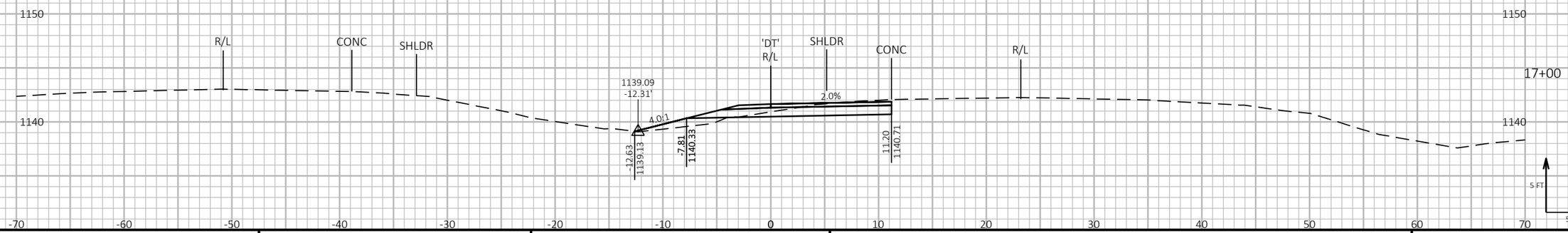
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 947	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090230-XS-S3.DWG
LAYOUT NAME - 04

PLOT DATE : 10/31/2022 1:31 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

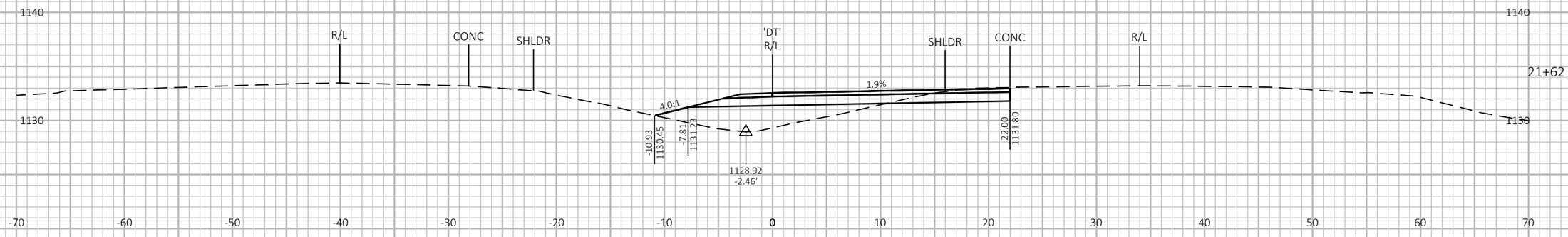
WISDOT/CADDS SHEET 49

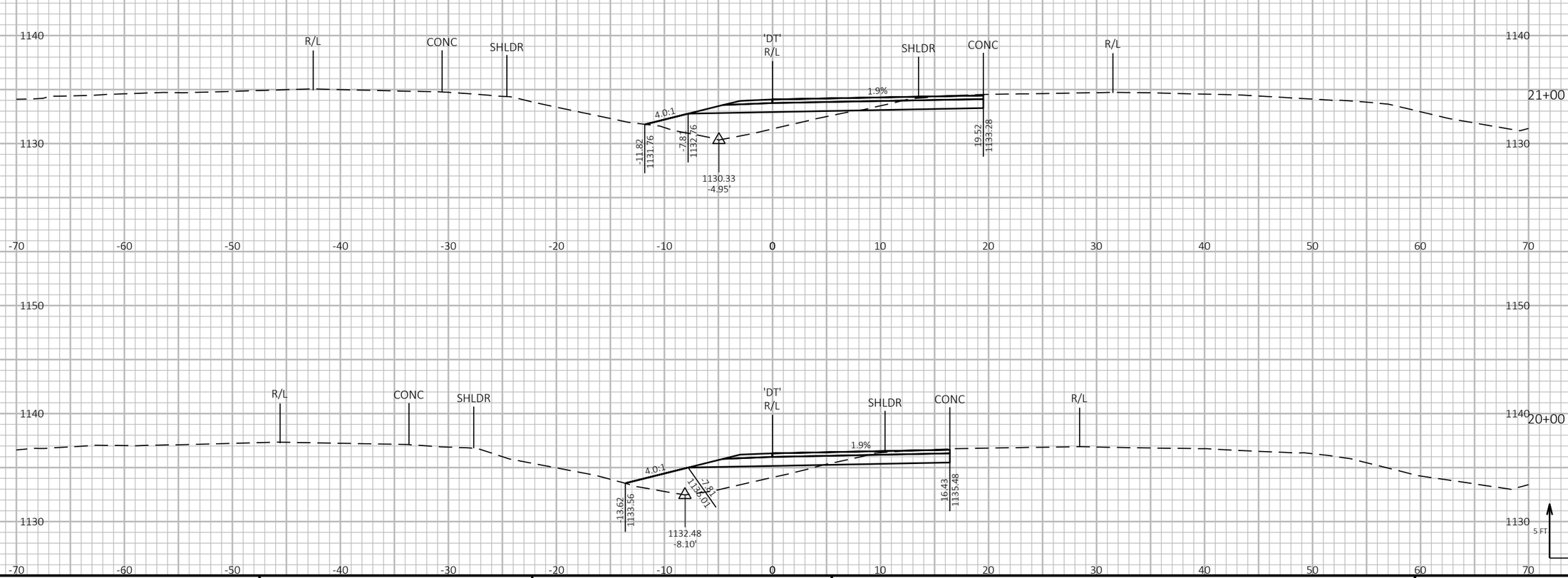
LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 948	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090230-XS-S3.DWG
LAYOUT NAME - 05

PLOT DATE : 10/31/2022 1:31 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

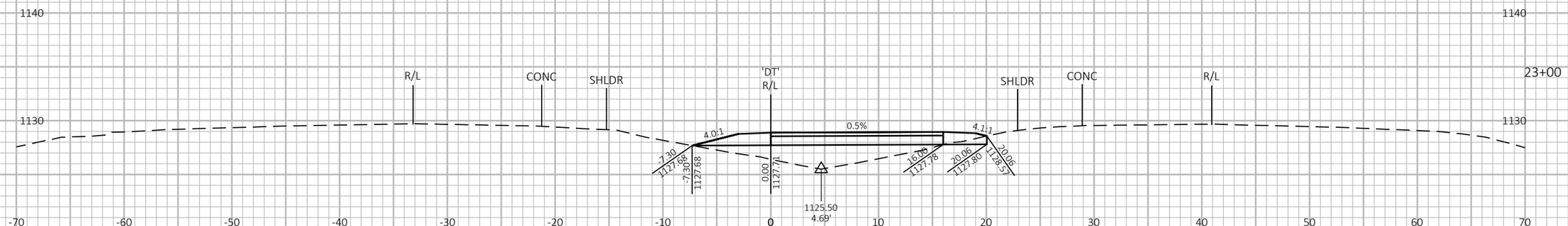
WISDOT/CADDS SHEET 49

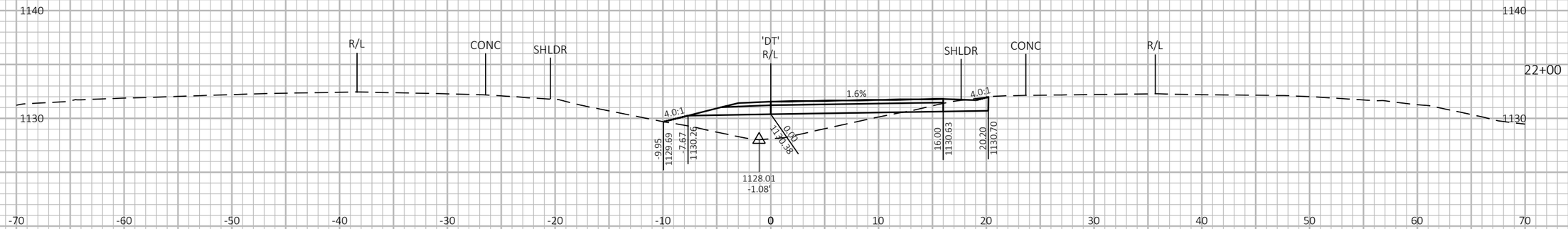
LEGEND

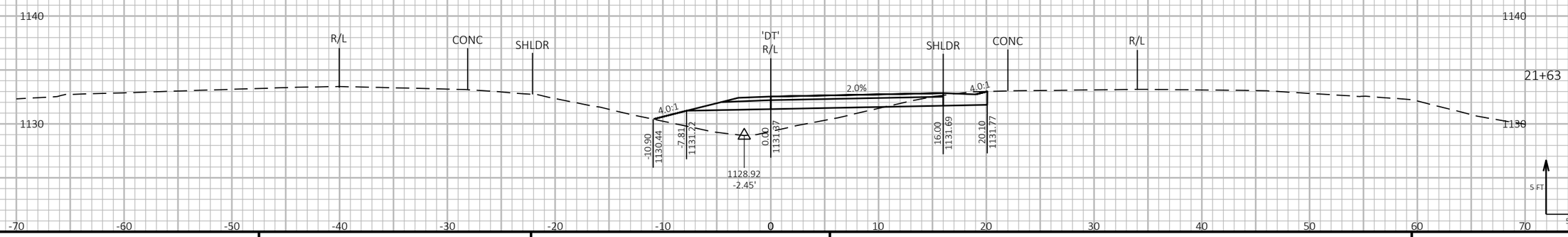
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 949	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090230-XS-S3.DWG
LAYOUT NAME - 06

PLOT DATE : 10/31/2022 1:31 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

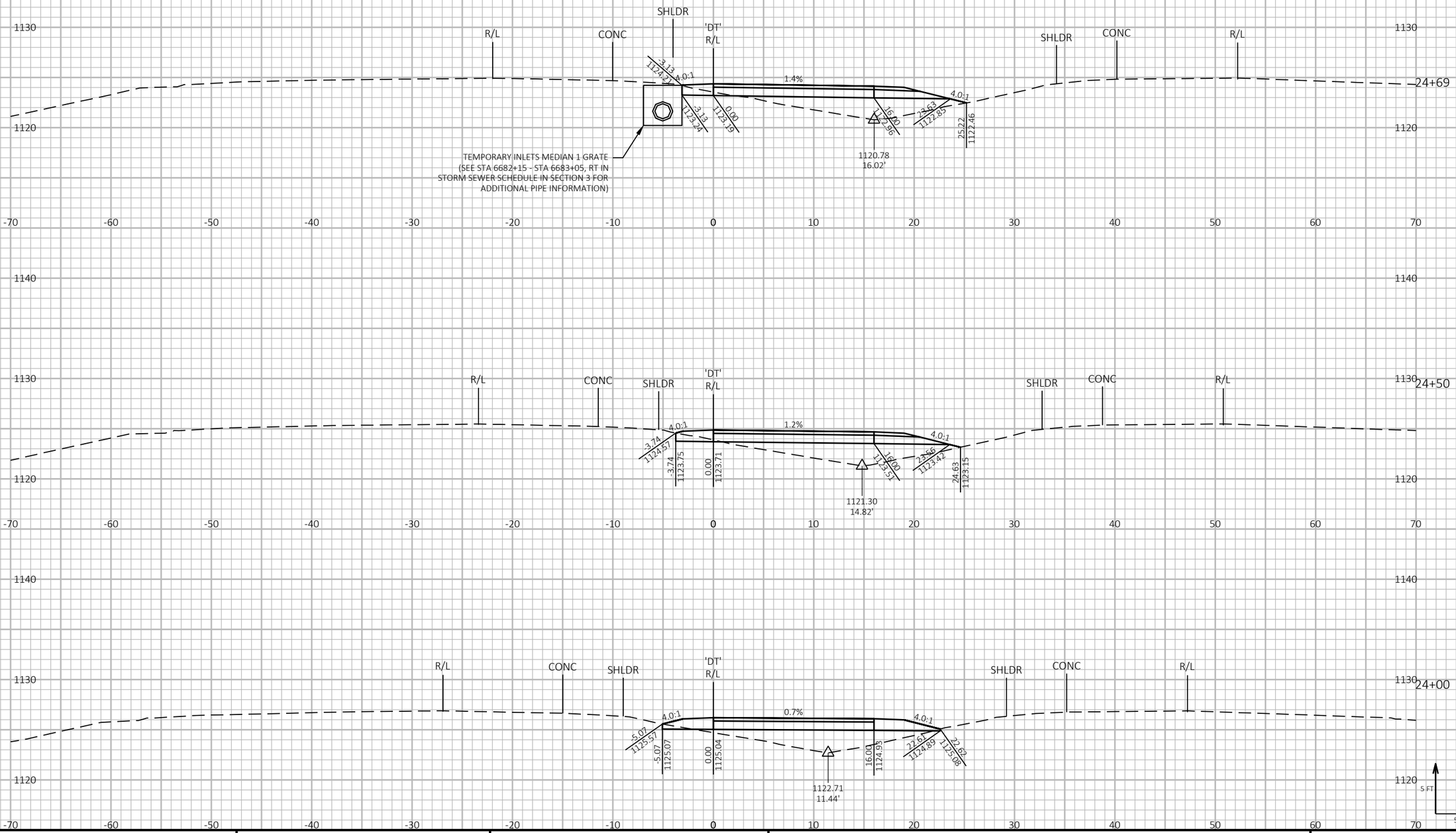
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 950	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090230-XS-S3.DWG
LAYOUT NAME - 07

PLOT DATE : 10/31/2022 1:31 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

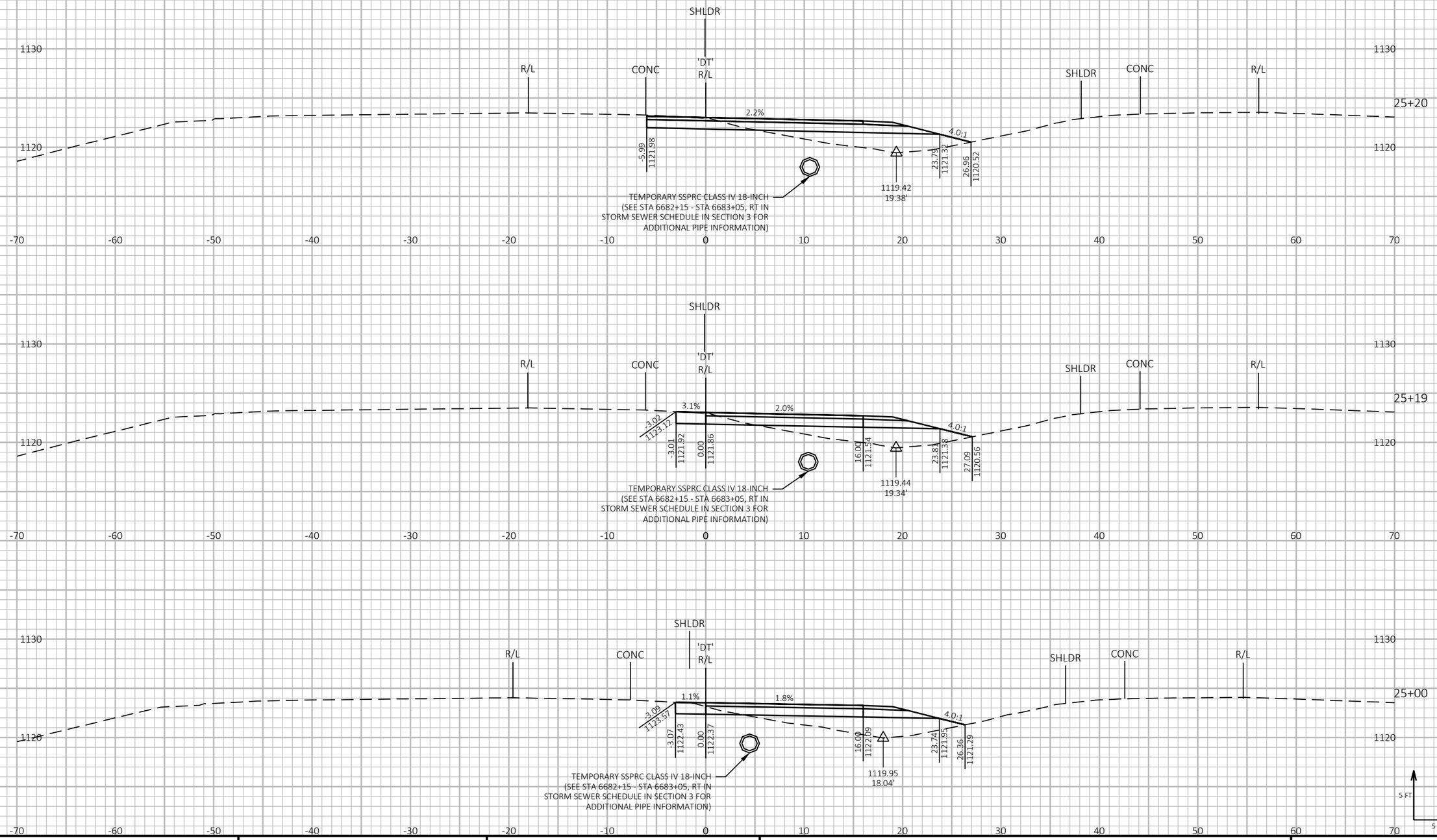
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE

THE STAGE 3 CONSTRUCTION WILL MATCH EXISTING USH 53 SB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 4, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 4 TO MATCH PROPOSED USH 53 SB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 SB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 951	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090230-XS-S3.DWG
LAYOUT NAME - 08

PLOT DATE : 10/31/2022 1:31 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

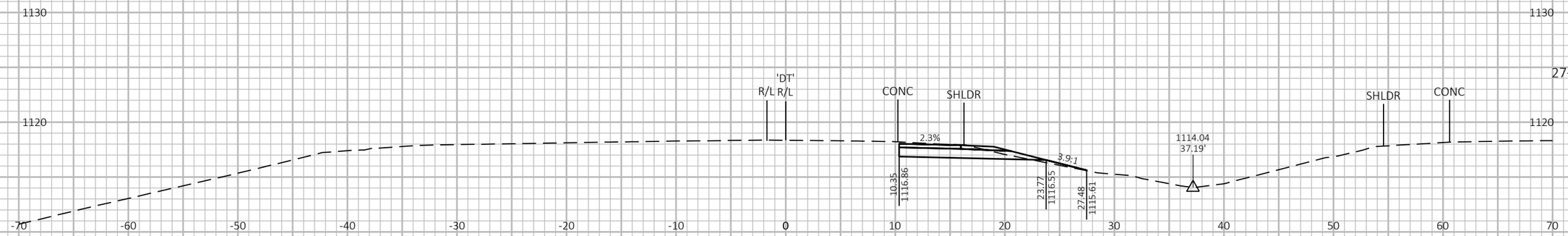
EXISTING GROUND

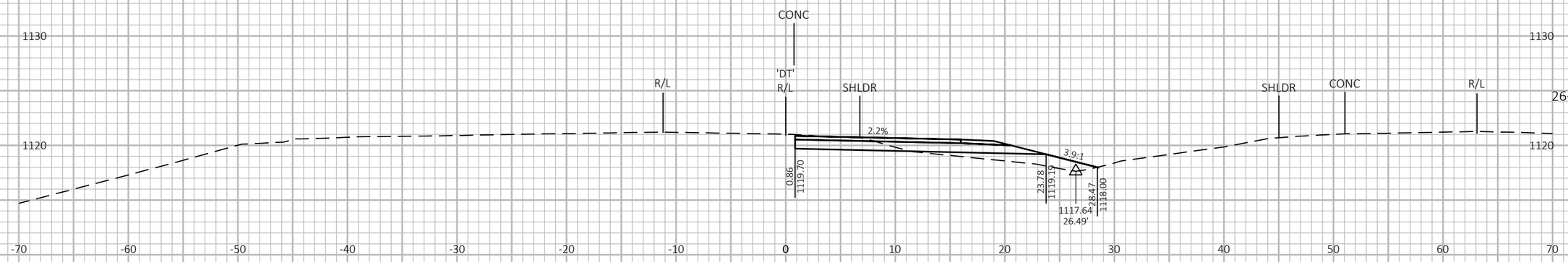
STAGE 3 CONSTRUCTION

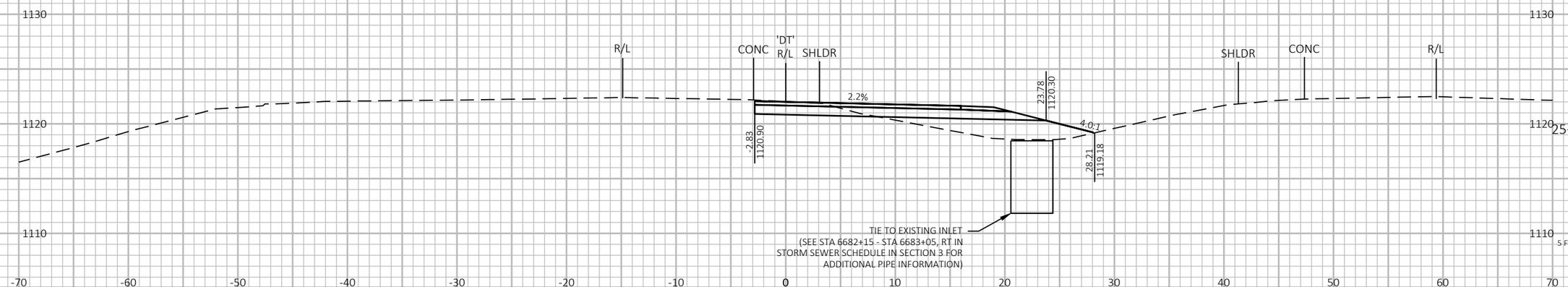
THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE

THE STAGE 3 CONSTRUCTION WILL MATCH EXISTING USH 53 SB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 4, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 4 TO MATCH PROPOSED USH 53 SB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 SB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 952	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090230-XS-S3.DWG
LAYOUT NAME - 09

PLOT DATE : 10/31/2022 1:31 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

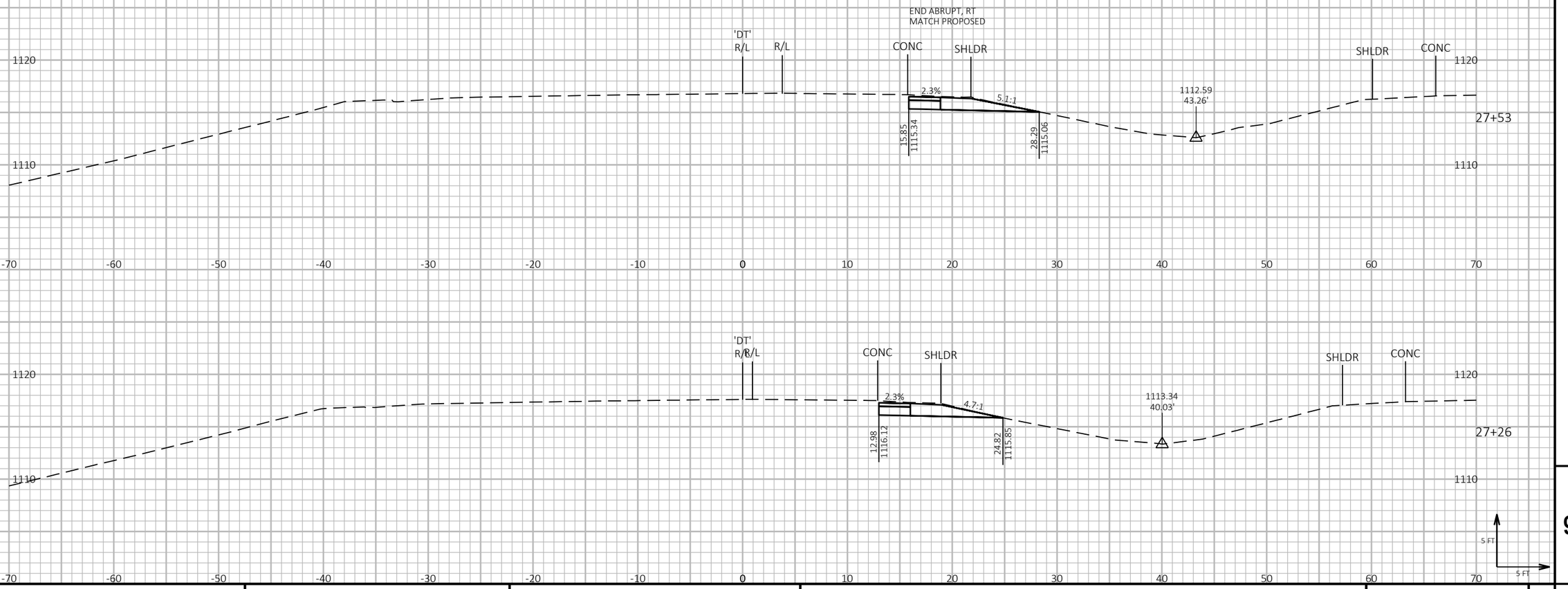
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE

THE STAGE 3 CONSTRUCTION WILL MATCH EXISTING USH 53 SB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 4, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 4 TO MATCH PROPOSED USH 53 SB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 SB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB ENTRANCE RAMP	SHEET 953	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090230-XS-S3.DWG
LAYOUT NAME - 10

PLOT DATE : 10/31/2022 1:31 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

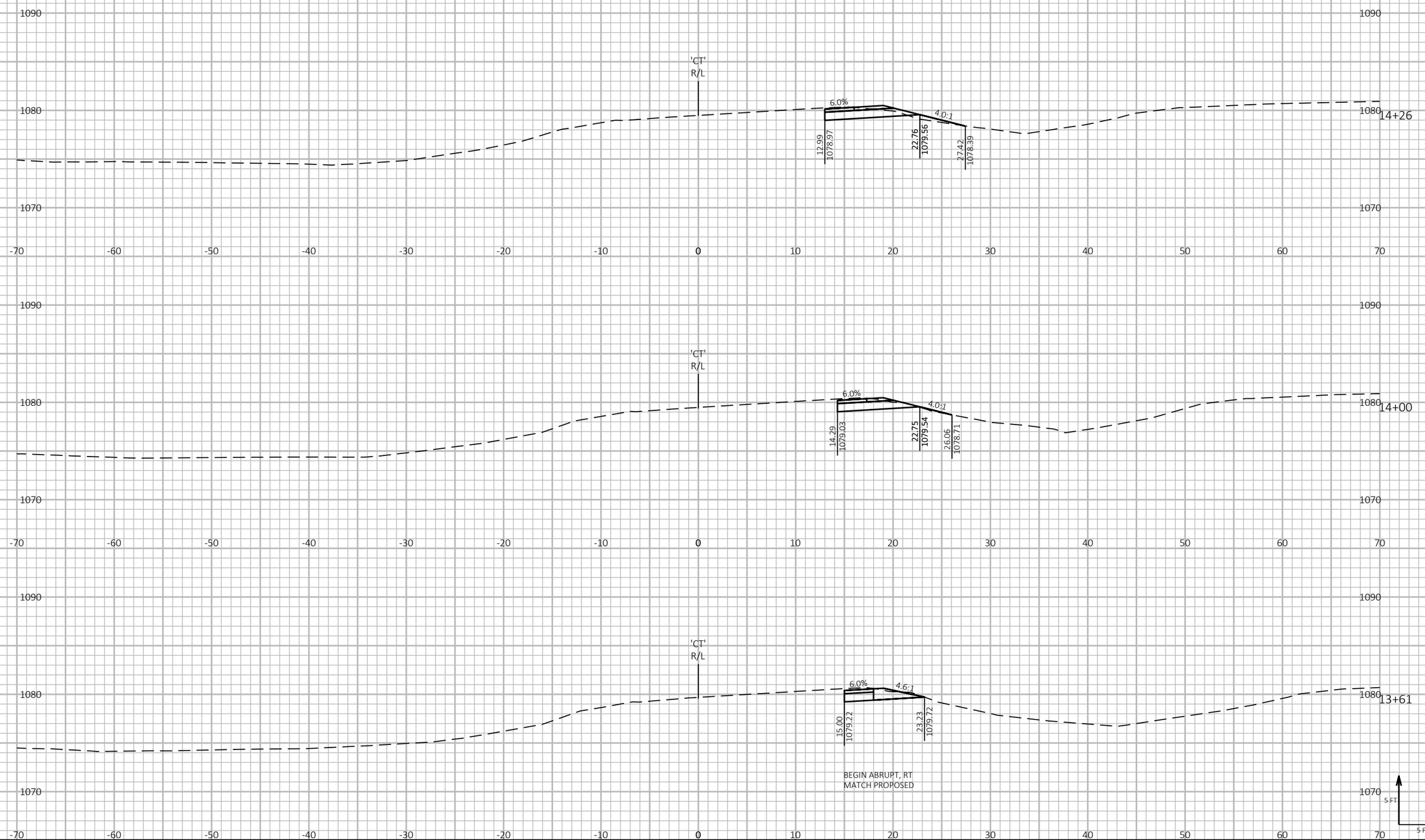
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE

THE STAGE 3 CONSTRUCTION WILL MATCH EXISTING USH 53 SB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 4, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 4 TO MATCH PROPOSED USH 53 SB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 SB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 954	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090231-XS-S3.DWG
LAYOUT NAME - 01

PLOT DATE : 2/25/2022 9:56 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

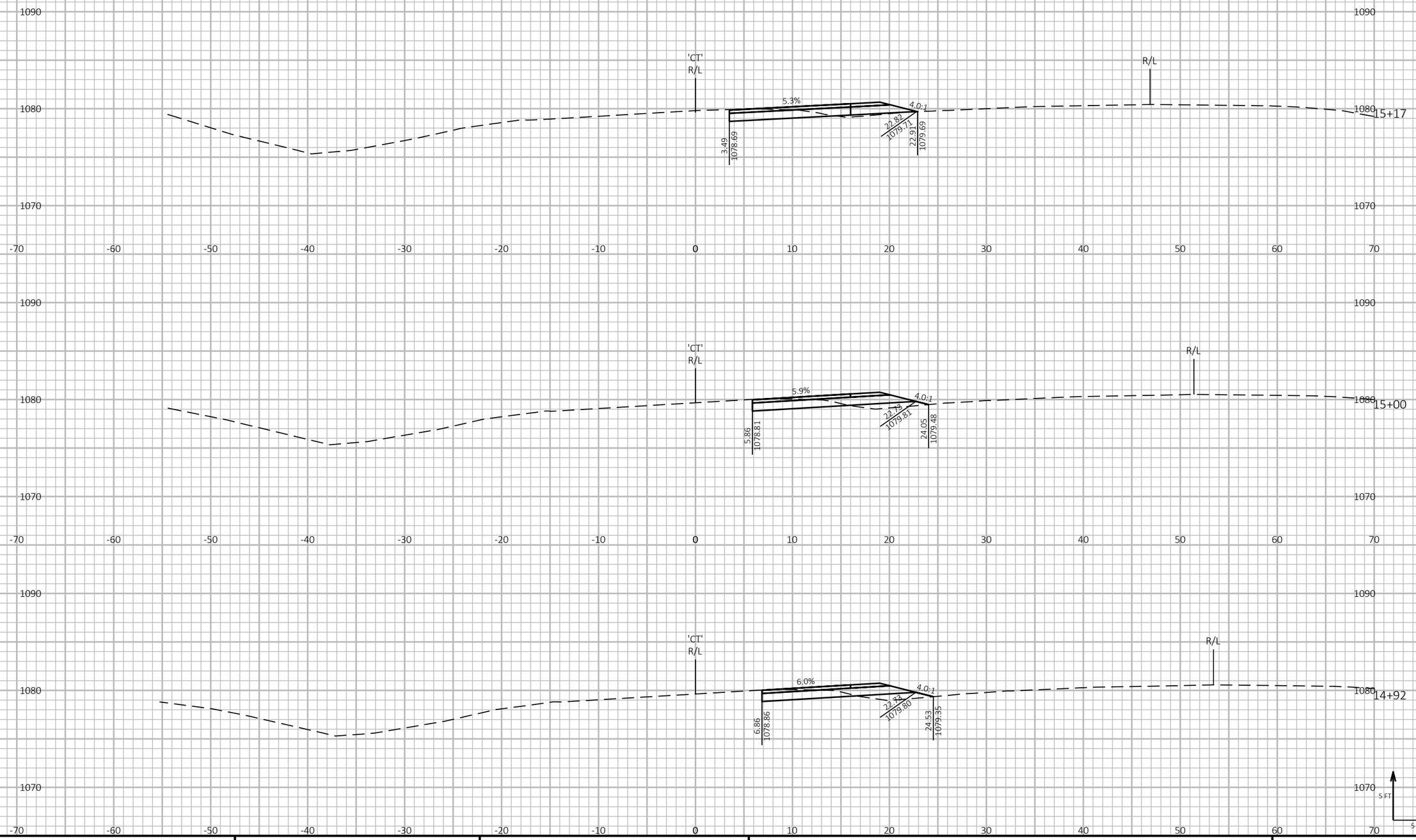
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE

THE STAGE 3 CONSTRUCTION WILL MATCH EXISTING USH 53 SB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 4, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 4 TO MATCH PROPOSED USH 53 SB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 SB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 955	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090231-XS-S3.DWG
LAYOUT NAME - 02

PLOT DATE : 2/25/2022 9:56 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

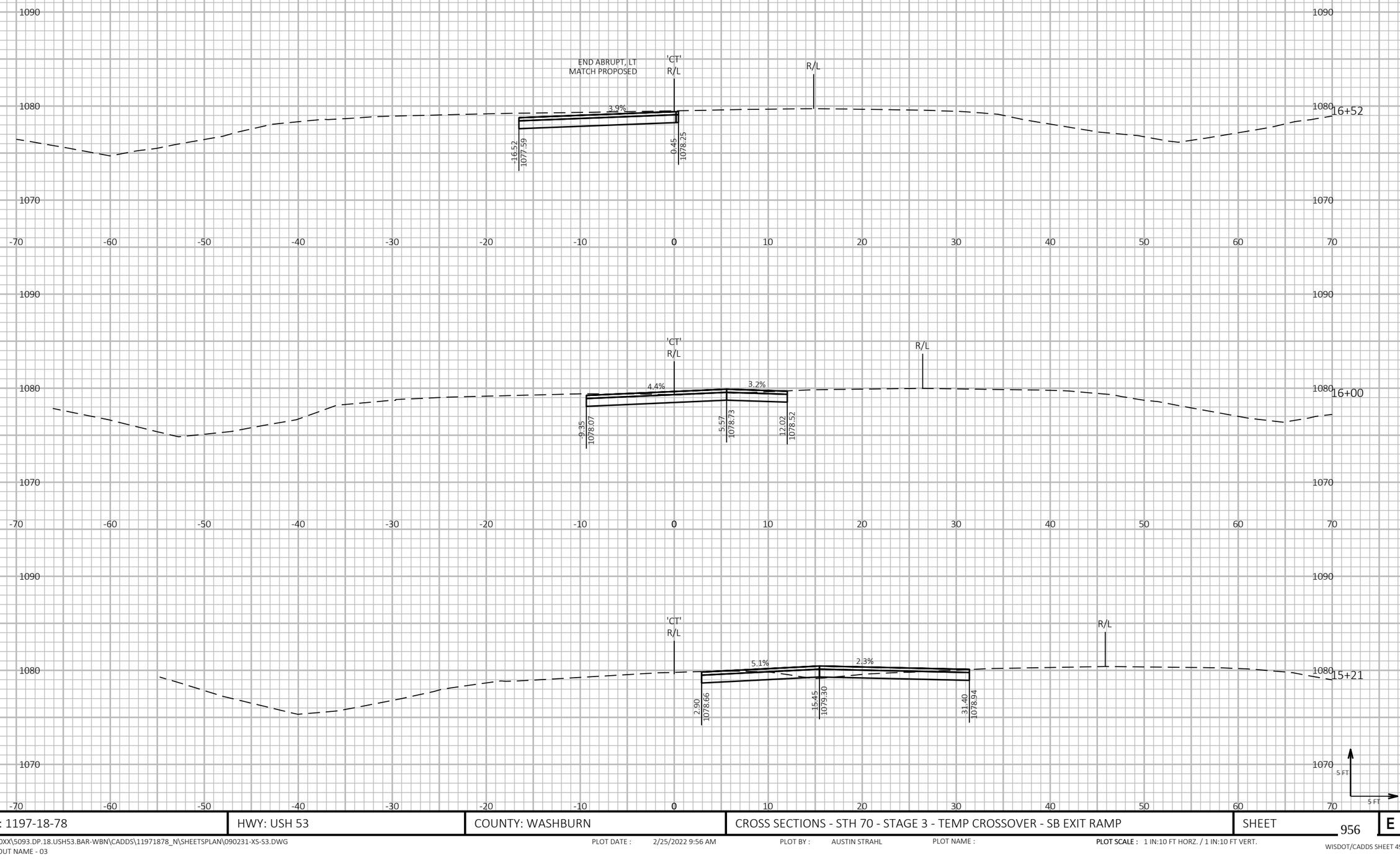
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE

THE STAGE 3 CONSTRUCTION WILL MATCH EXISTING USH 53 SB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 4, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 4 TO MATCH PROPOSED USH 53 SB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 SB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 956	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090231-XS-S3.DWG
LAYOUT NAME - 03

PLOT DATE : 2/25/2022 9:56 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

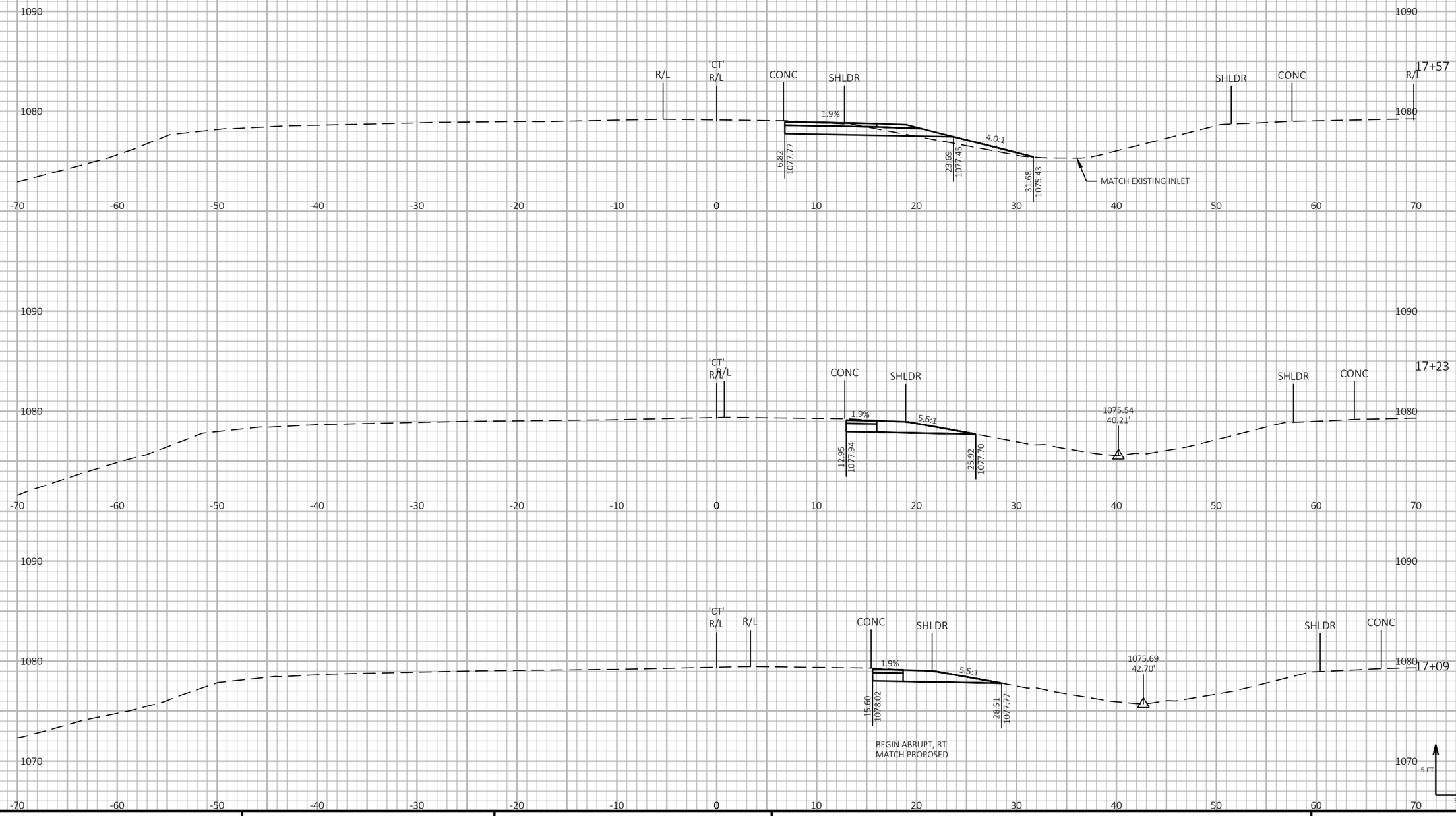
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE

THE STAGE 3 CONSTRUCTION WILL MATCH EXISTING USH 53 SB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 4, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 4 TO MATCH PROPOSED USH 53 SB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 SB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 957	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090231-XS-S3.DWG
LAYOUT NAME - 04

PLOT DATE : 2/25/2022 9:56 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

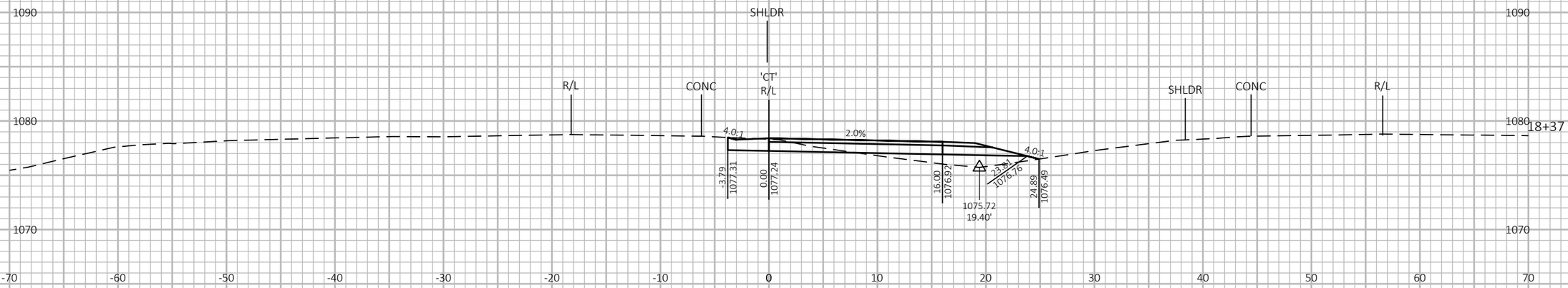
EXISTING GROUND

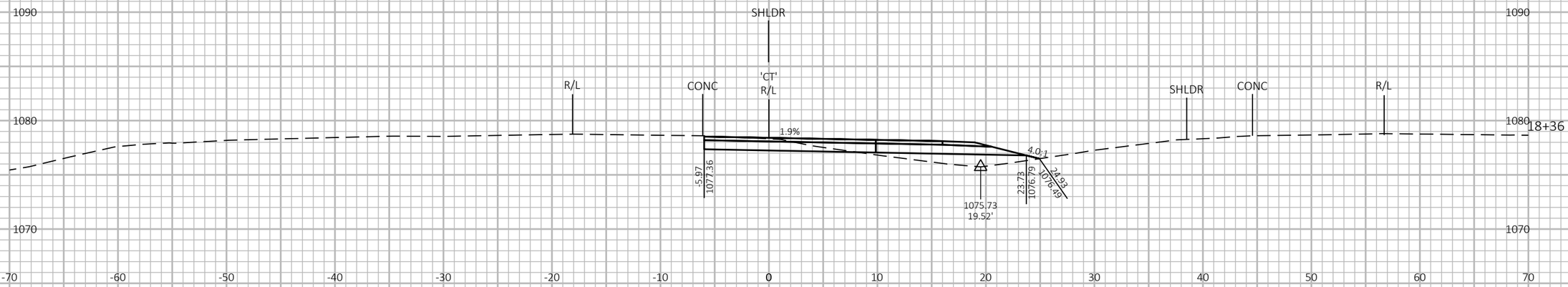
STAGE 3 CONSTRUCTION

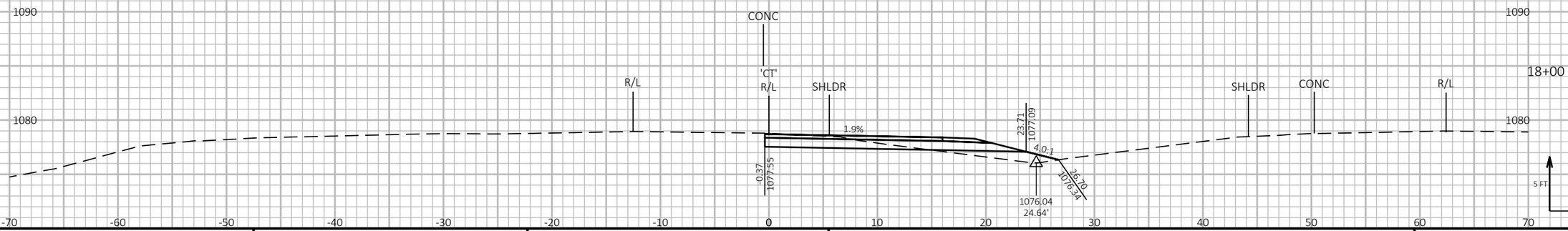
THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

NOTE

THE STAGE 3 CONSTRUCTION WILL MATCH EXISTING USH 53 SB MAINLINE PAVEMENT. ONCE MAINLINE HAS BEEN CONSTRUCTED IN STAGE 4, A PORTION OF THE CROSSOVER WILL BE REPAVED LATER IN STAGE 4 TO MATCH PROPOSED USH 53 SB MAINLINE CONCRETE. THE CROSS SECTIONS FOR THIS SEGMENT SHOW MATCHING INTO PROPOSED USH 53 SB MAINLINE CONCRETE. SEE TRAFFIC CONTROL SHEETS FOR ADDITIONAL INFORMATION.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 958	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090231-XS-S3.DWG
LAYOUT NAME - 05

PLOT DATE : 2/25/2022 9:56 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

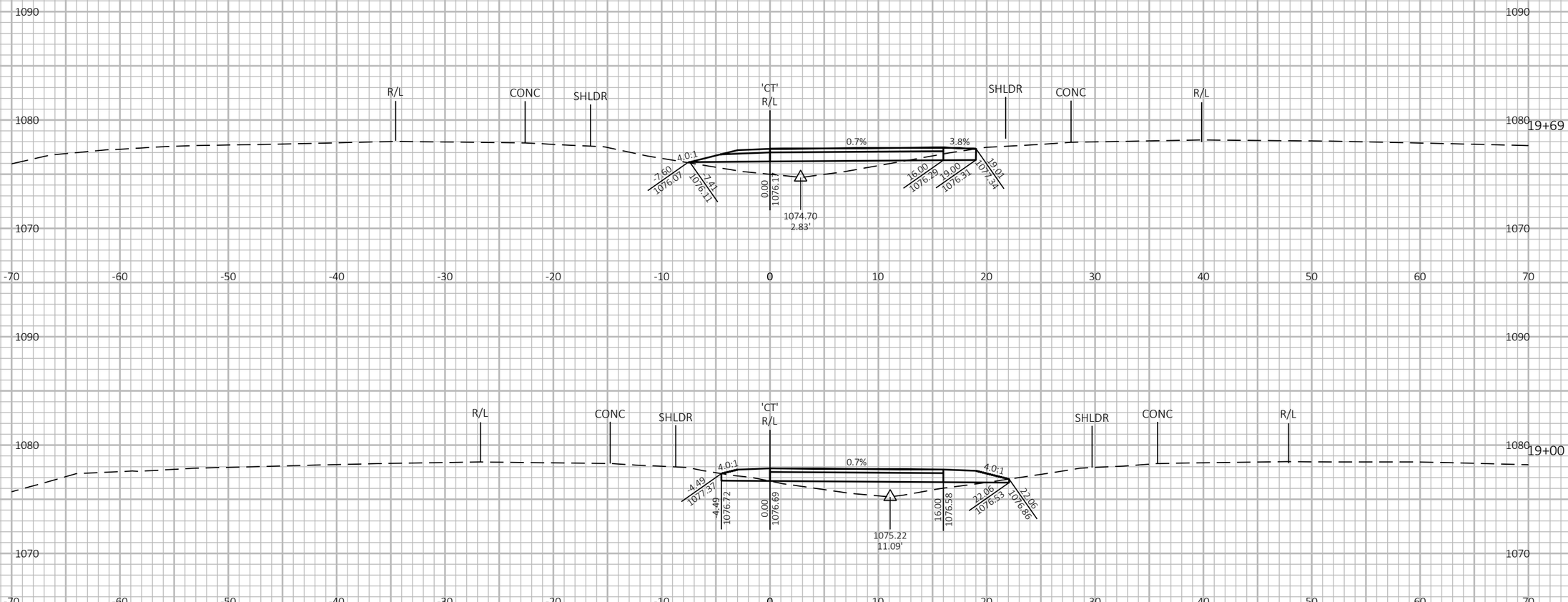
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 959	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090231-XS-S3.DWG
LAYOUT NAME - 06

PLOT DATE : 2/25/2022 9:57 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

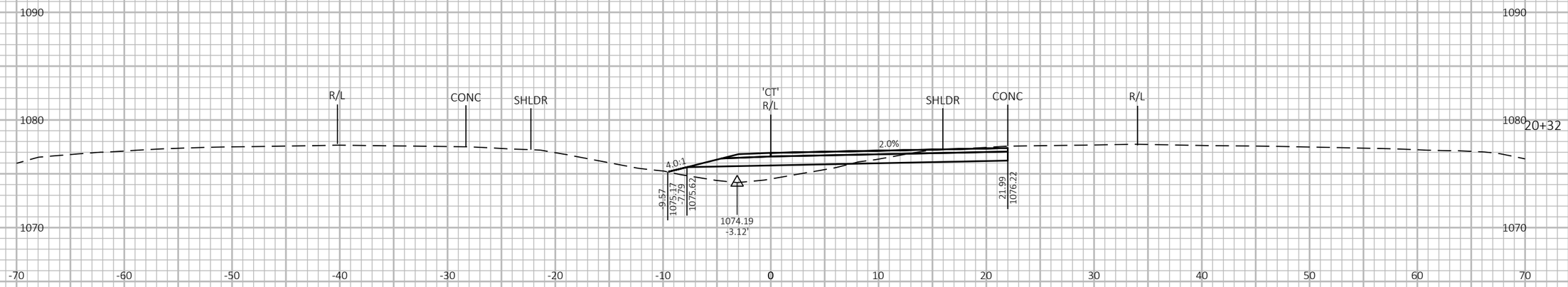
WISDOT/CADDS SHEET 49

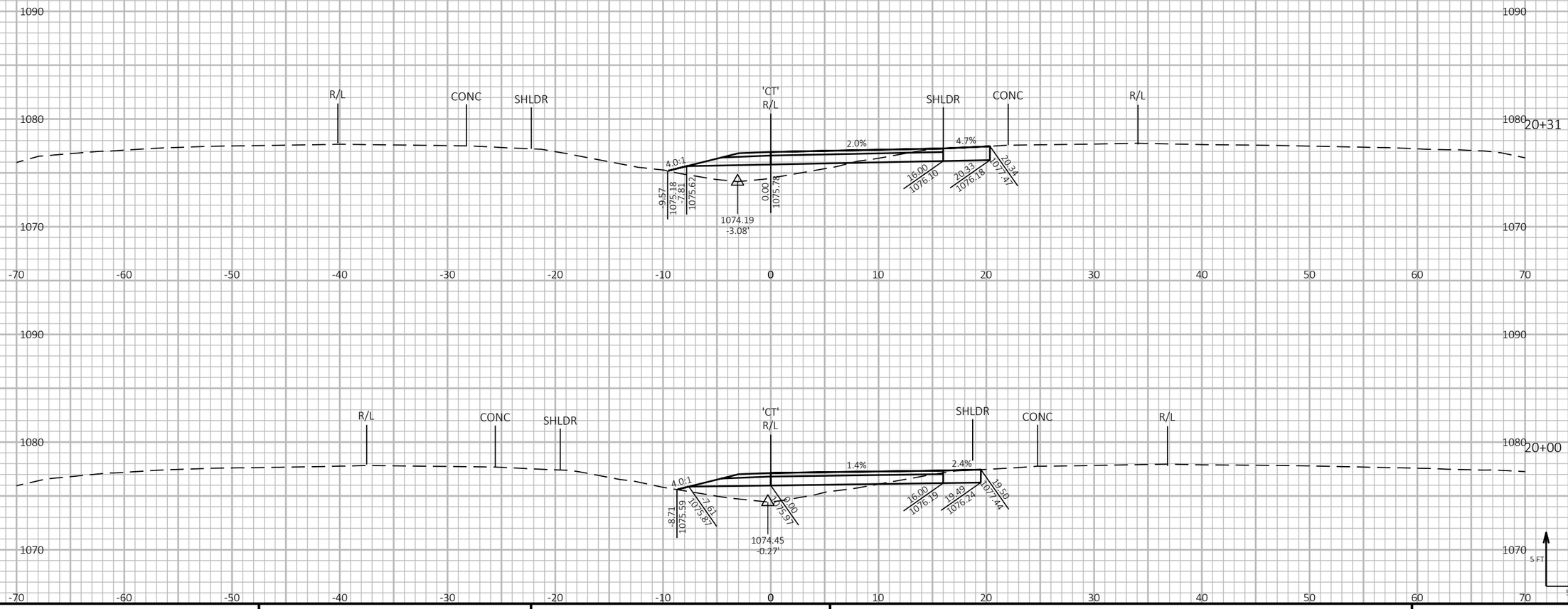
LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 960	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090231-XS-S3.DWG
LAYOUT NAME - 07

PLOT DATE : 2/25/2022 9:57 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

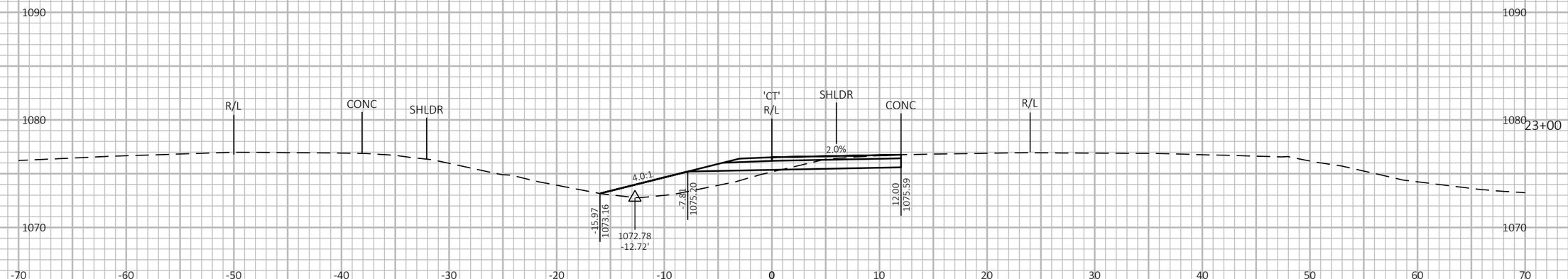
WISDOT/CADDS SHEET 49

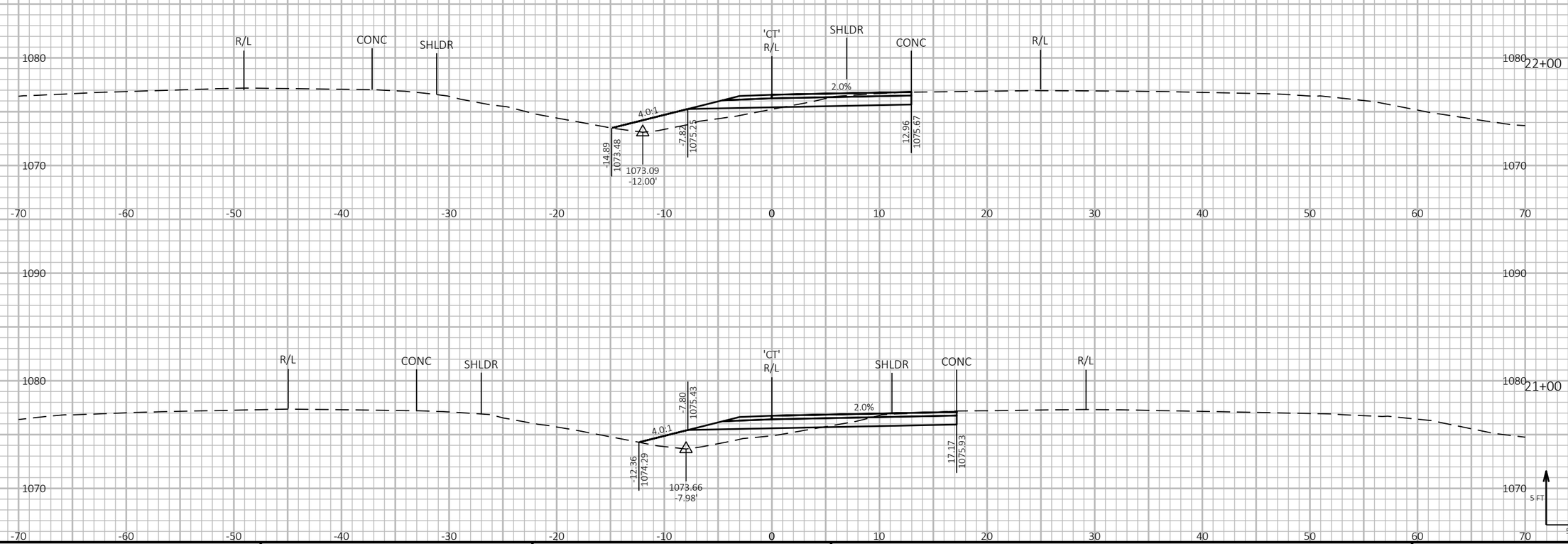
LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 961	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090231-XS-S3.DWG
LAYOUT NAME - 08

PLOT DATE : 2/25/2022 9:57 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

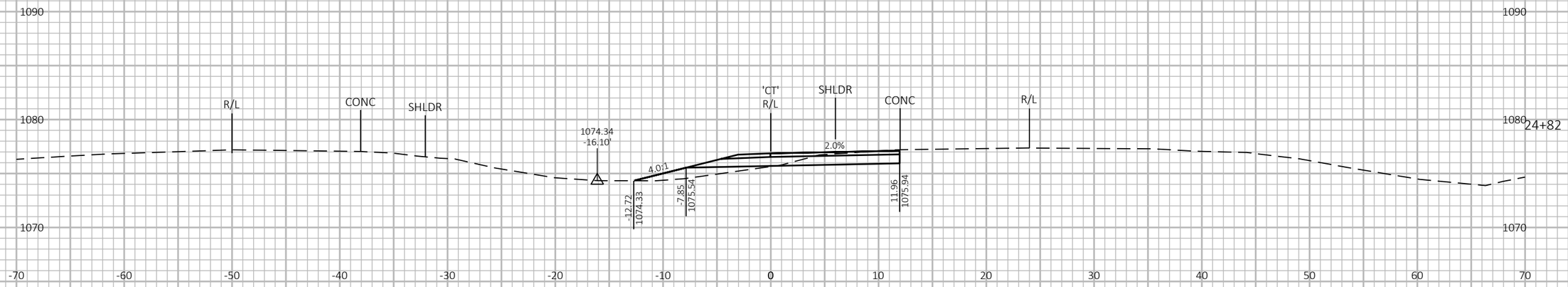
WISDOT/CADDS SHEET 49

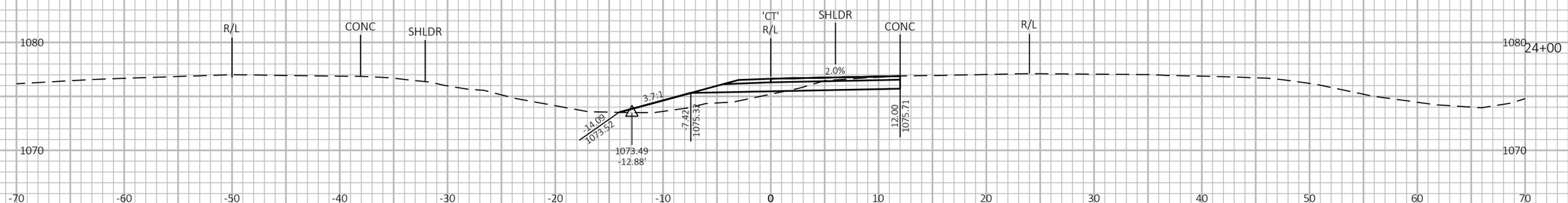
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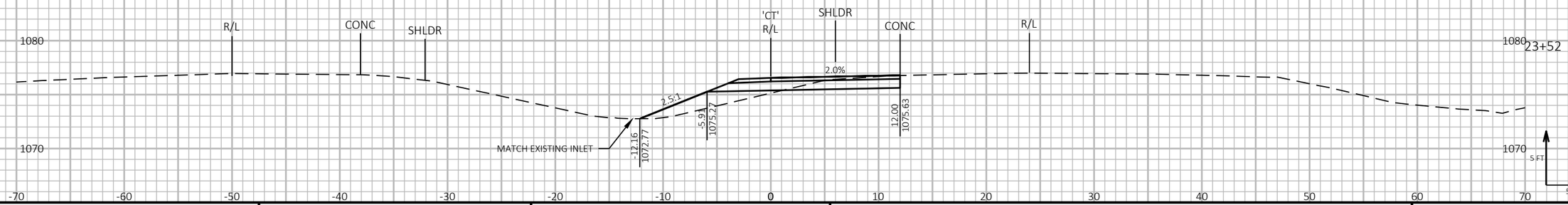
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 962	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090231-XS-S3.DWG
LAYOUT NAME - 09

PLOT DATE : 2/25/2022 9:57 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

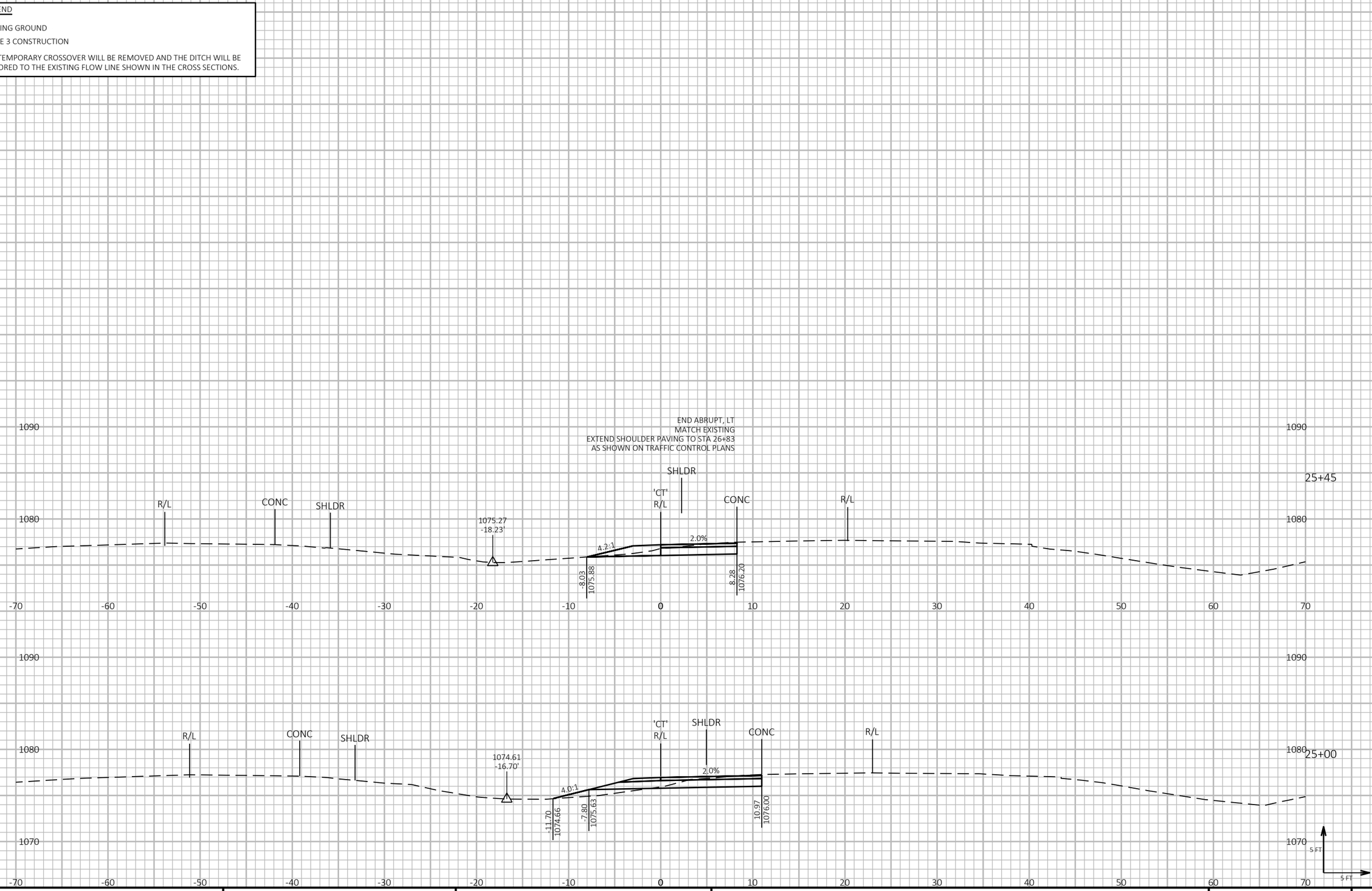
LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.

END ABRUPT, LT
MATCH EXISTING
EXTEND SHOULDER PAVING TO STA 26+83
AS SHOWN ON TRAFFIC CONTROL PLANS



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 3 - TEMP CROSSOVER - SB EXIT RAMP	SHEET 963	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090231-XS-S3.DWG
LAYOUT NAME - 10

PLOT DATE : 2/25/2022 9:57 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

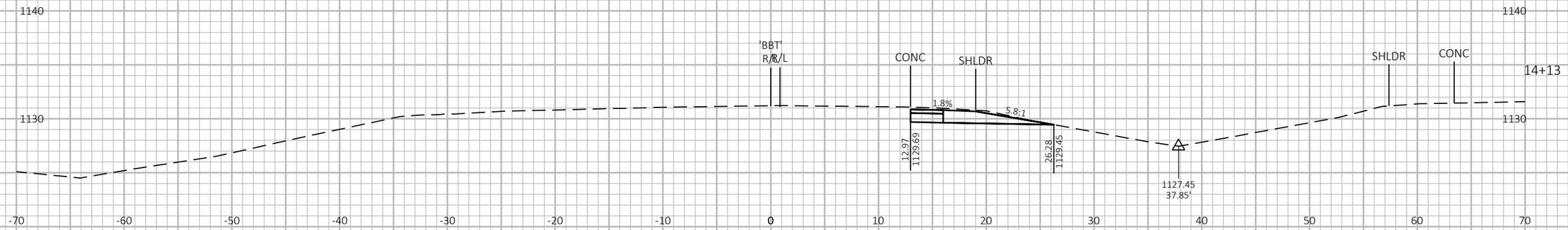
WISDOT/CADDS SHEET 49

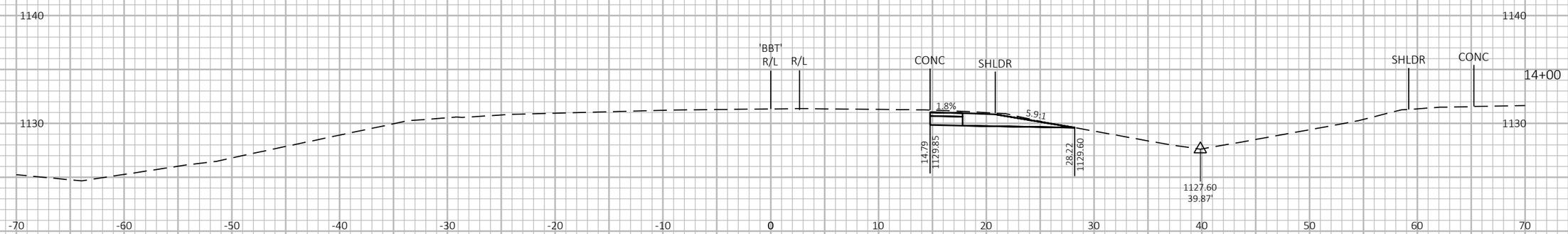
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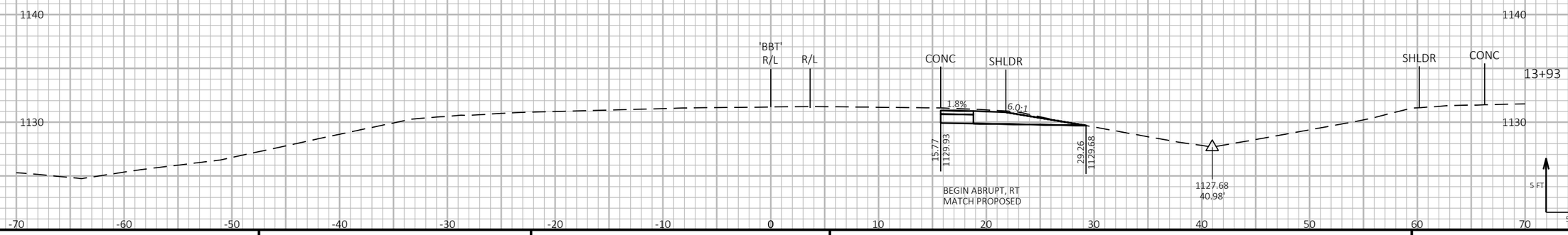
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 - STAGE 3 - TEMPORARY CROSSOVER - SB EXIT RAMP	SHEET 964	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090232-XS-S3.DWG
LAYOUT NAME - 01

PLOT DATE : 4/21/2022 12:45 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

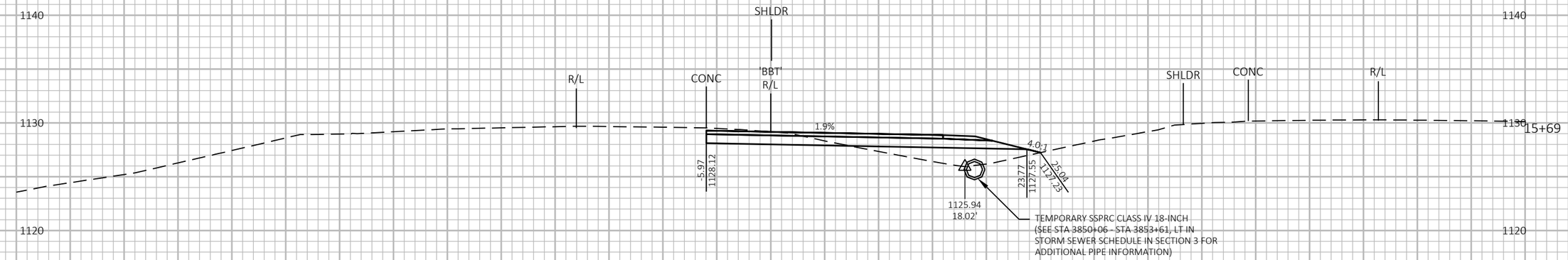
WISDOT/CADDS SHEET 49

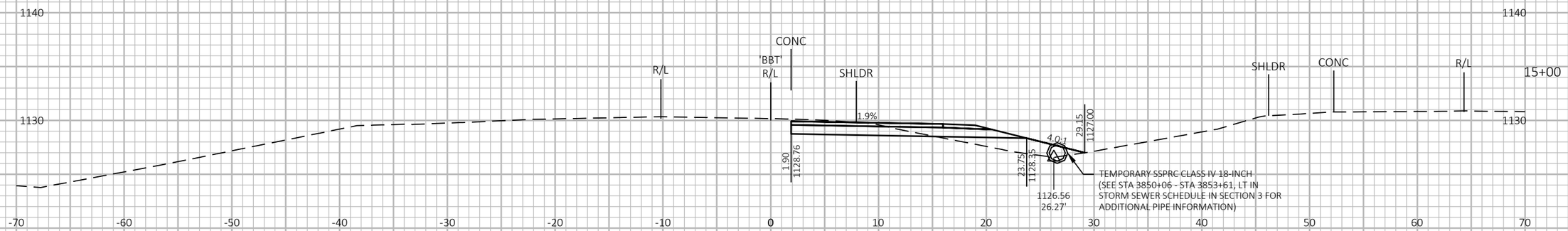
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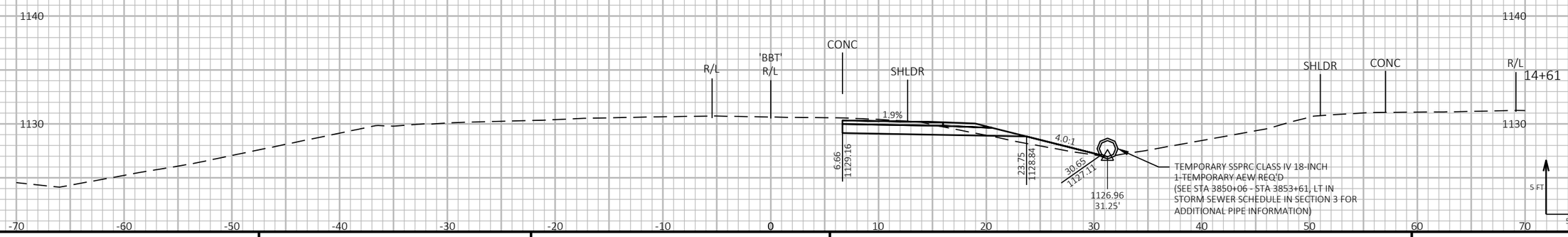
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 - STAGE 3 - TEMPORARY CROSSOVER - SB EXIT RAMP	SHEET 965	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090232-XS-S3.DWG
LAYOUT NAME - 02

PLOT DATE : 4/21/2022 12:45 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

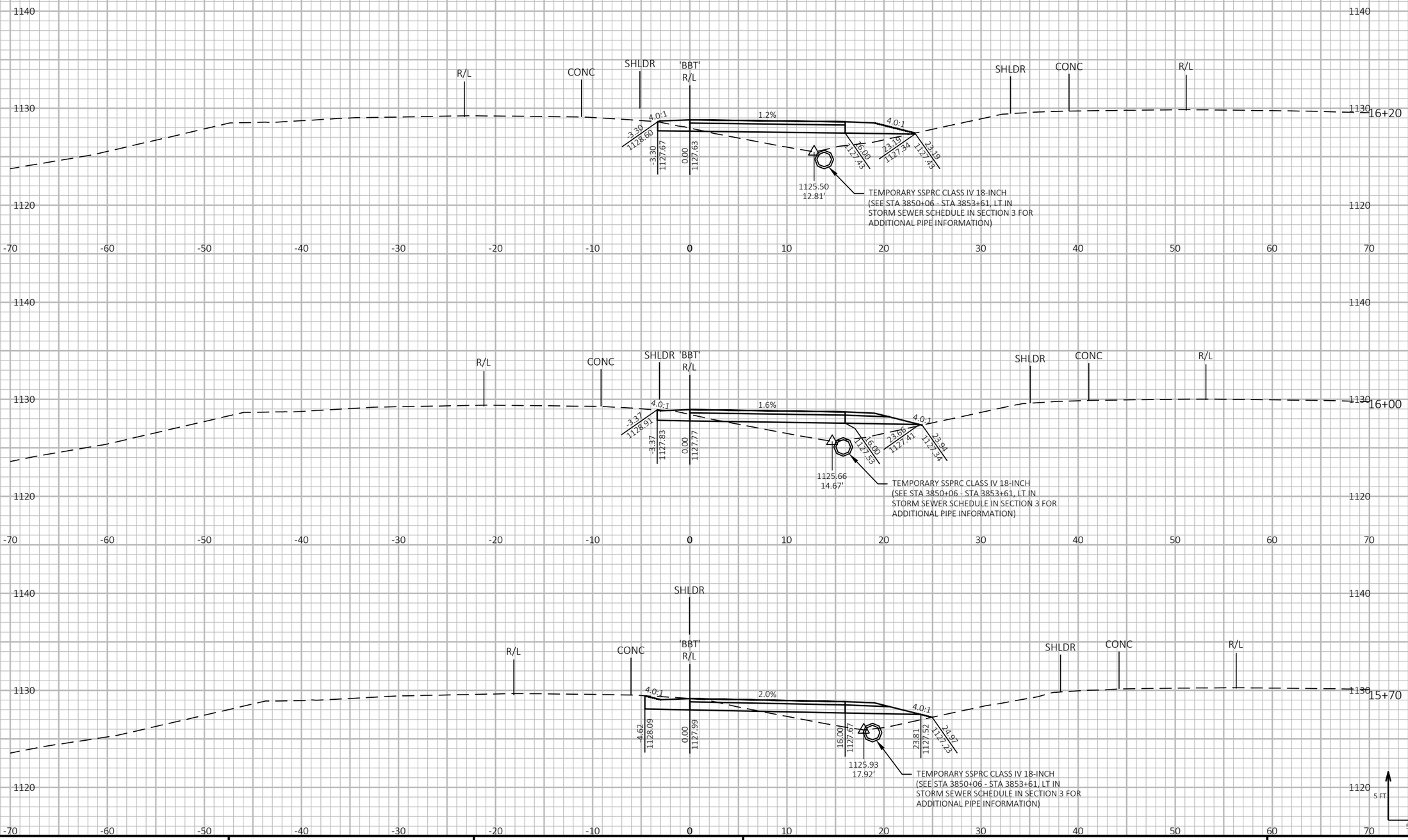
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 - STAGE 3 - TEMPORARY CROSSOVER - SB EXIT RAMP	SHEET 966	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090232-XS-S3.DWG
LAYOUT NAME - 03

PLOT DATE : 4/21/2022 12:45 PM PLOT BY : ADMIN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

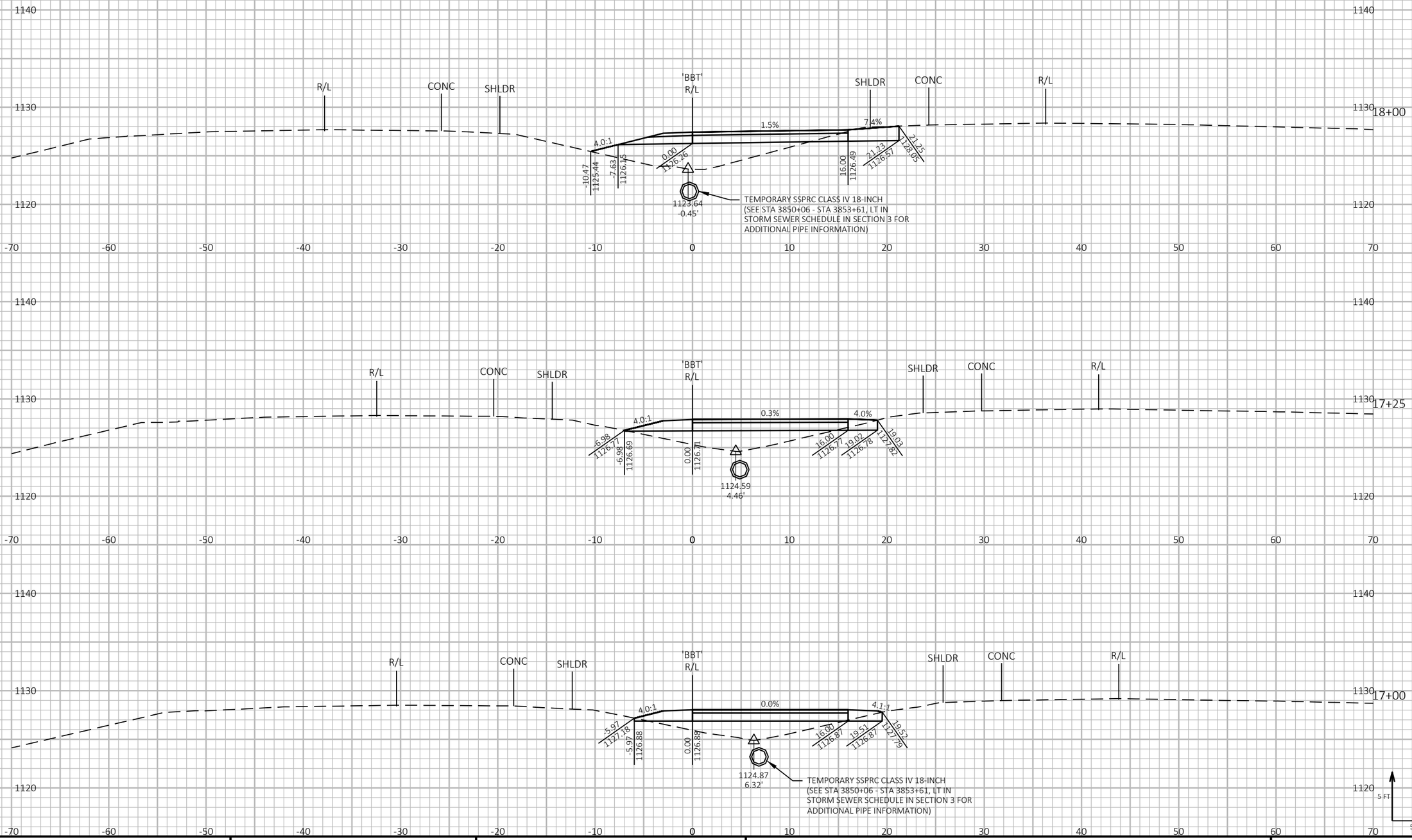
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 - STAGE 3 - TEMPORARY CROSSOVER - SB EXIT RAMP	SHEET 967	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090232-XS-S3.DWG
LAYOUT NAME - 04

PLOT DATE : 4/22/2022 12:08 PM PLOT BY : LINDSEY PETERSON PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

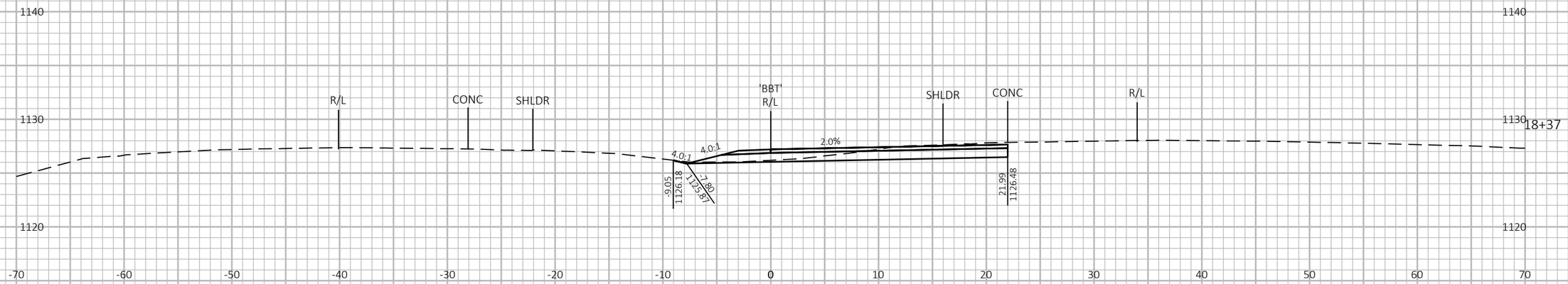
WISDOT/CADDS SHEET 49

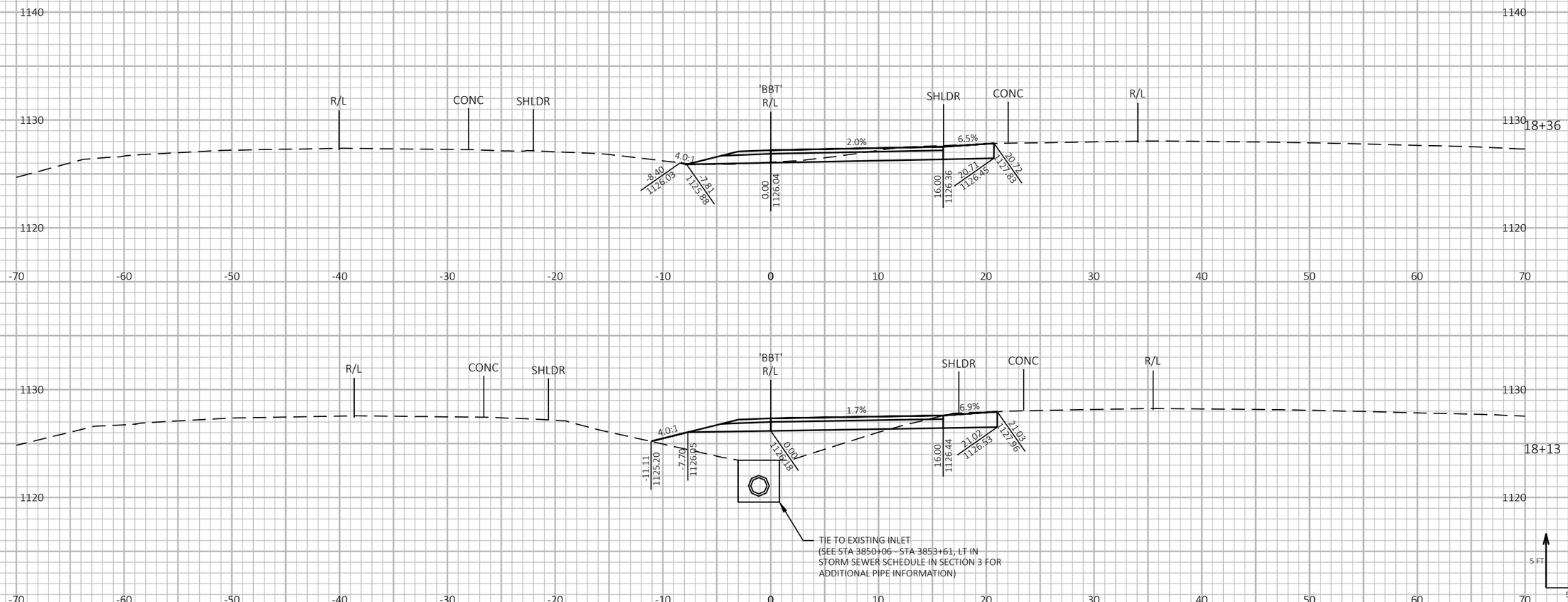
LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 - STAGE 3 - TEMPORARY CROSSOVER - SB EXIT RAMP	SHEET 968	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090232-XS-S3.DWG
LAYOUT NAME - 05

PLOT DATE : 4/21/2022 12:46 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

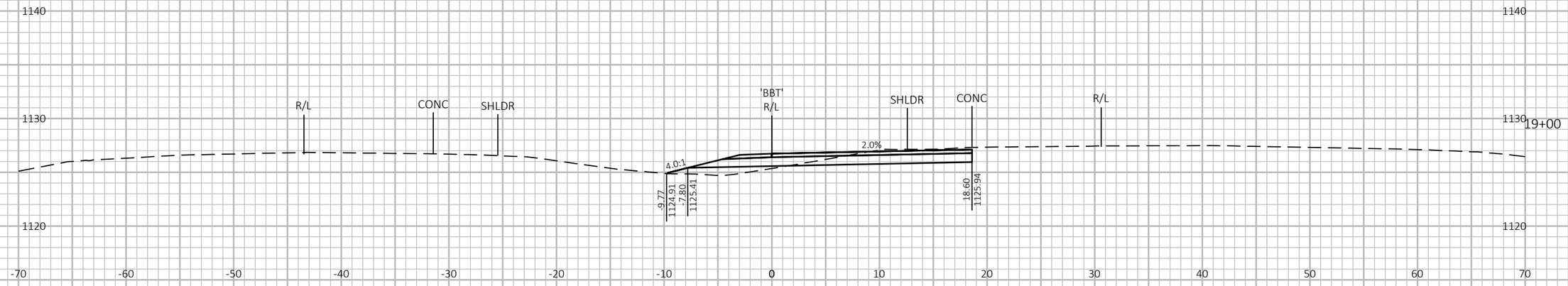
WISDOT/CADDS SHEET 49

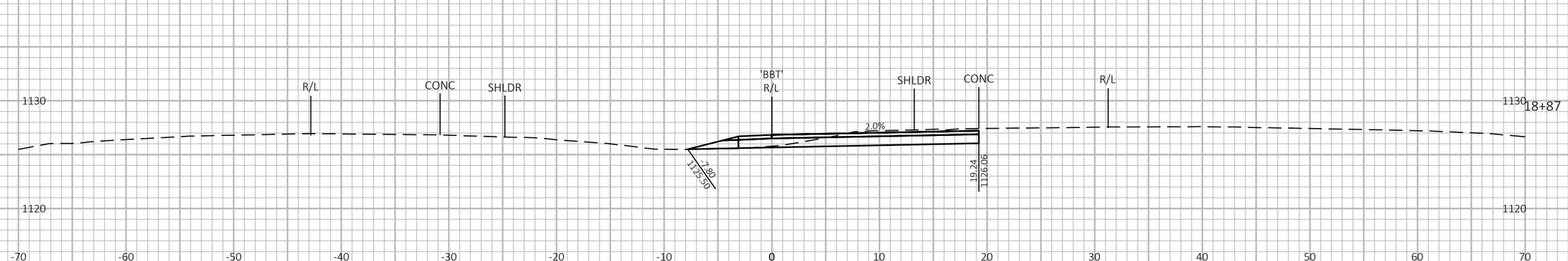
LEGEND

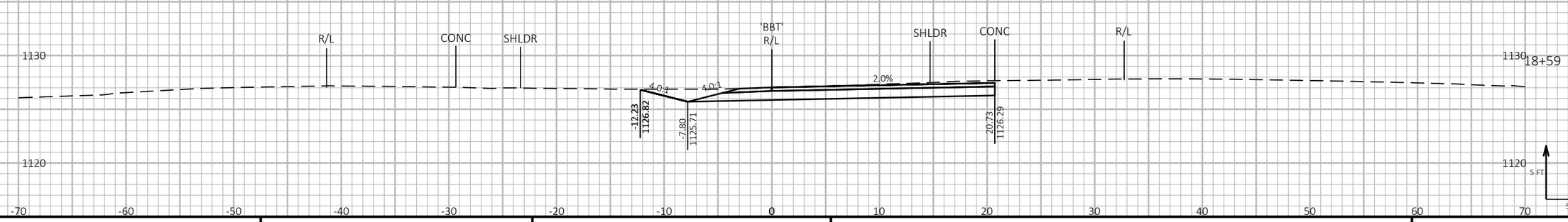
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 - STAGE 3 - TEMPORARY CROSSOVER - SB EXIT RAMP	SHEET 969	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090232-XS-S3.DWG
LAYOUT NAME - 06

PLOT DATE : 4/21/2022 12:46 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

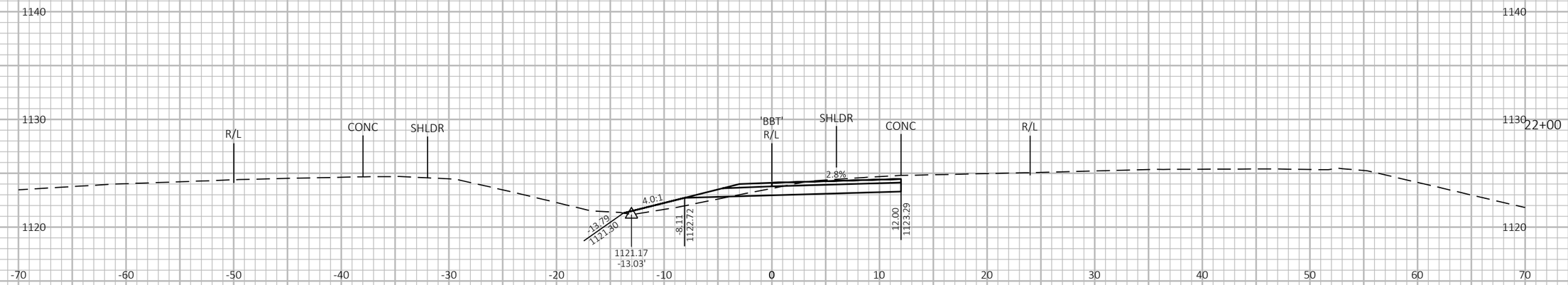
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 - STAGE 3 - TEMPORARY CROSSOVER - SB EXIT RAMP	SHEET 970	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090232-XS-S3.DWG
LAYOUT NAME - 07

PLOT DATE : 4/21/2022 12:46 PM PLOT BY : ADMIN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

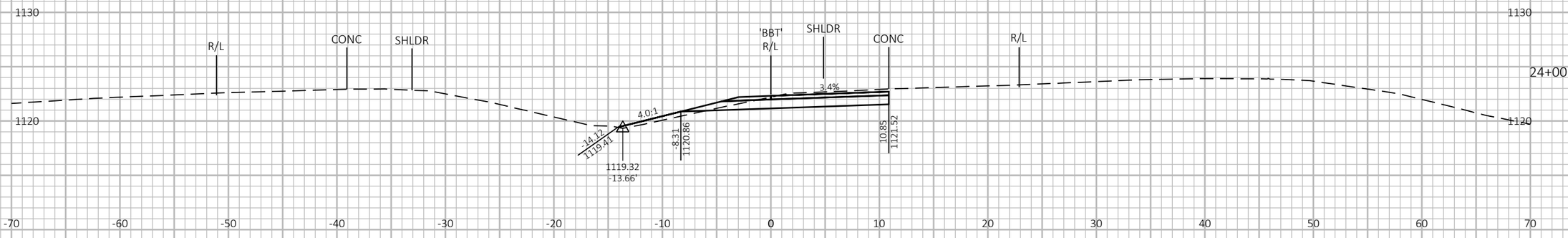
WISDOT/CADDS SHEET 49

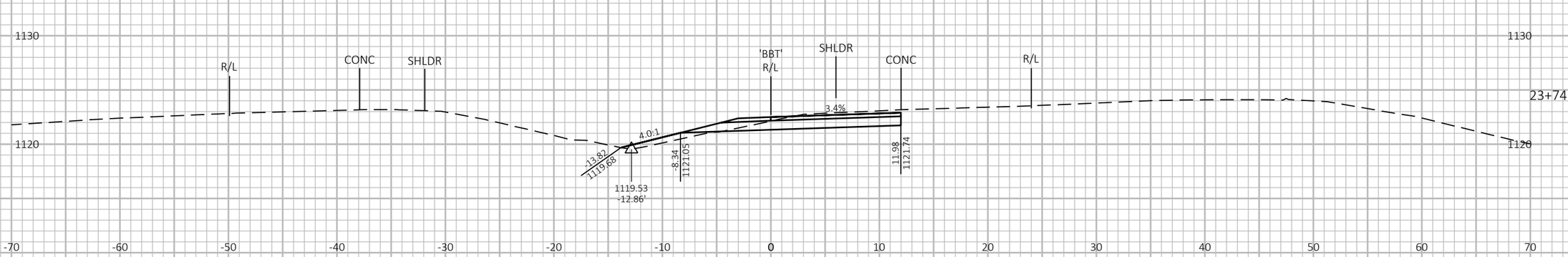
LEGEND

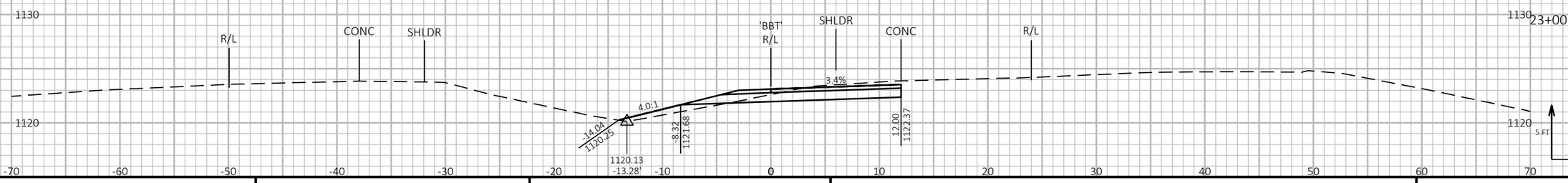
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 - STAGE 3 - TEMPORARY CROSSOVER - SB EXIT RAMP	SHEET 971	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090232-XS-S3.DWG
LAYOUT NAME - 08

PLOT DATE : 4/21/2022 12:46 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

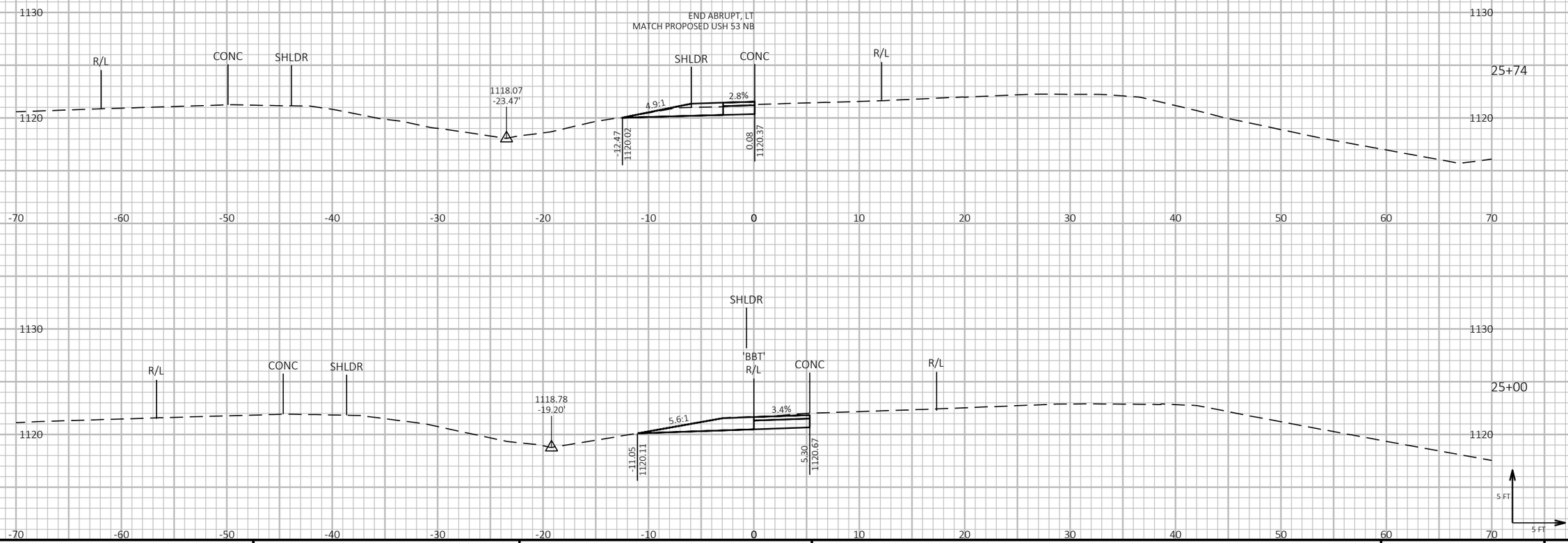
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY CROSSOVER WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 63 - STAGE 3 - TEMPORARY CROSSOVER - SB EXIT RAMP	SHEET 972	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090232-XS-S3.DWG
LAYOUT NAME - 09

PLOT DATE : 4/21/2022 12:46 PM PLOT BY : ADMIN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

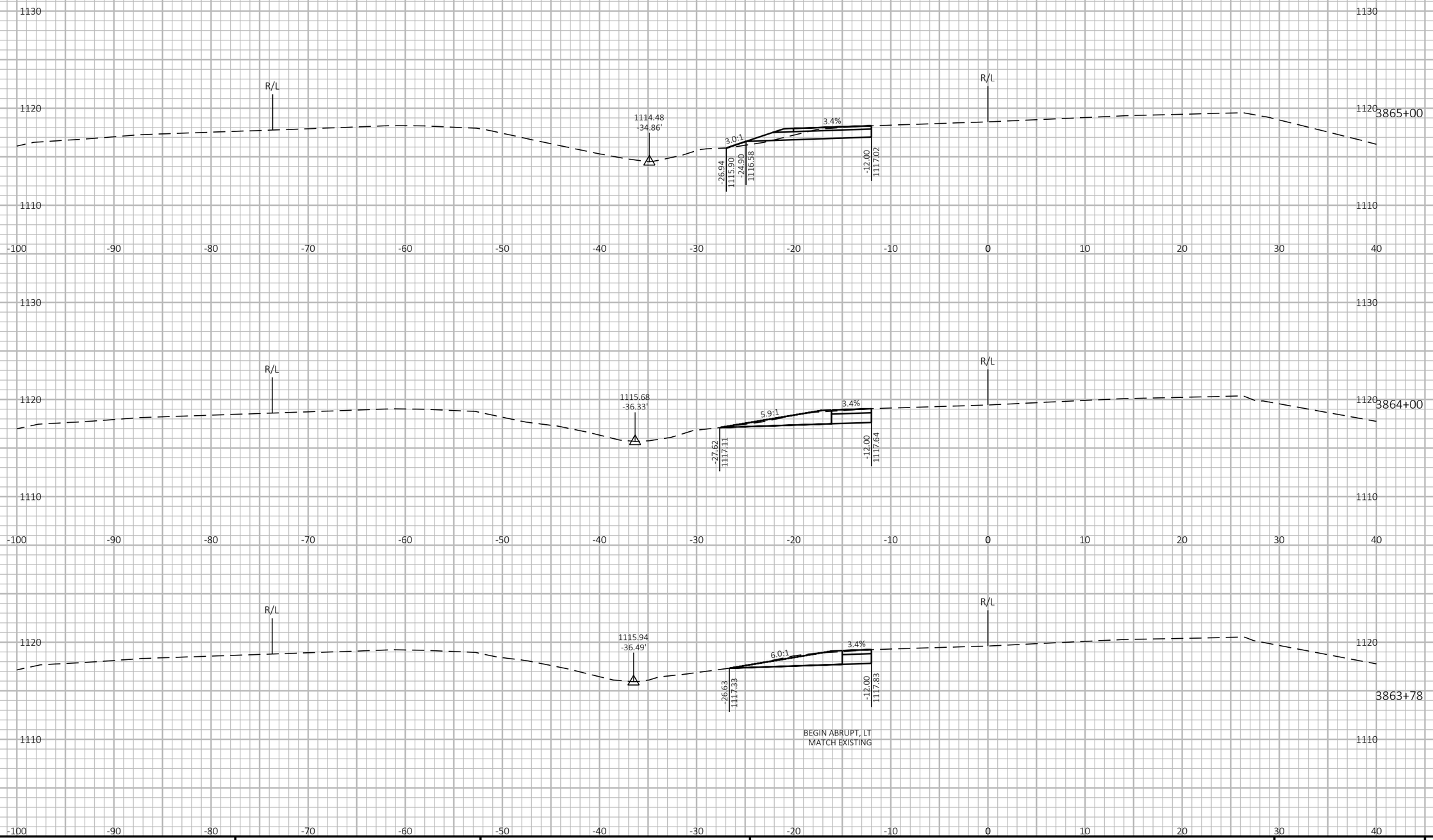
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 3 - TEMPORARY WIDENING (CTH A)	SHEET 973	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090233-XS-S3.DWG
LAYOUT NAME - 01

PLOT DATE : 2/24/2022 9:25 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

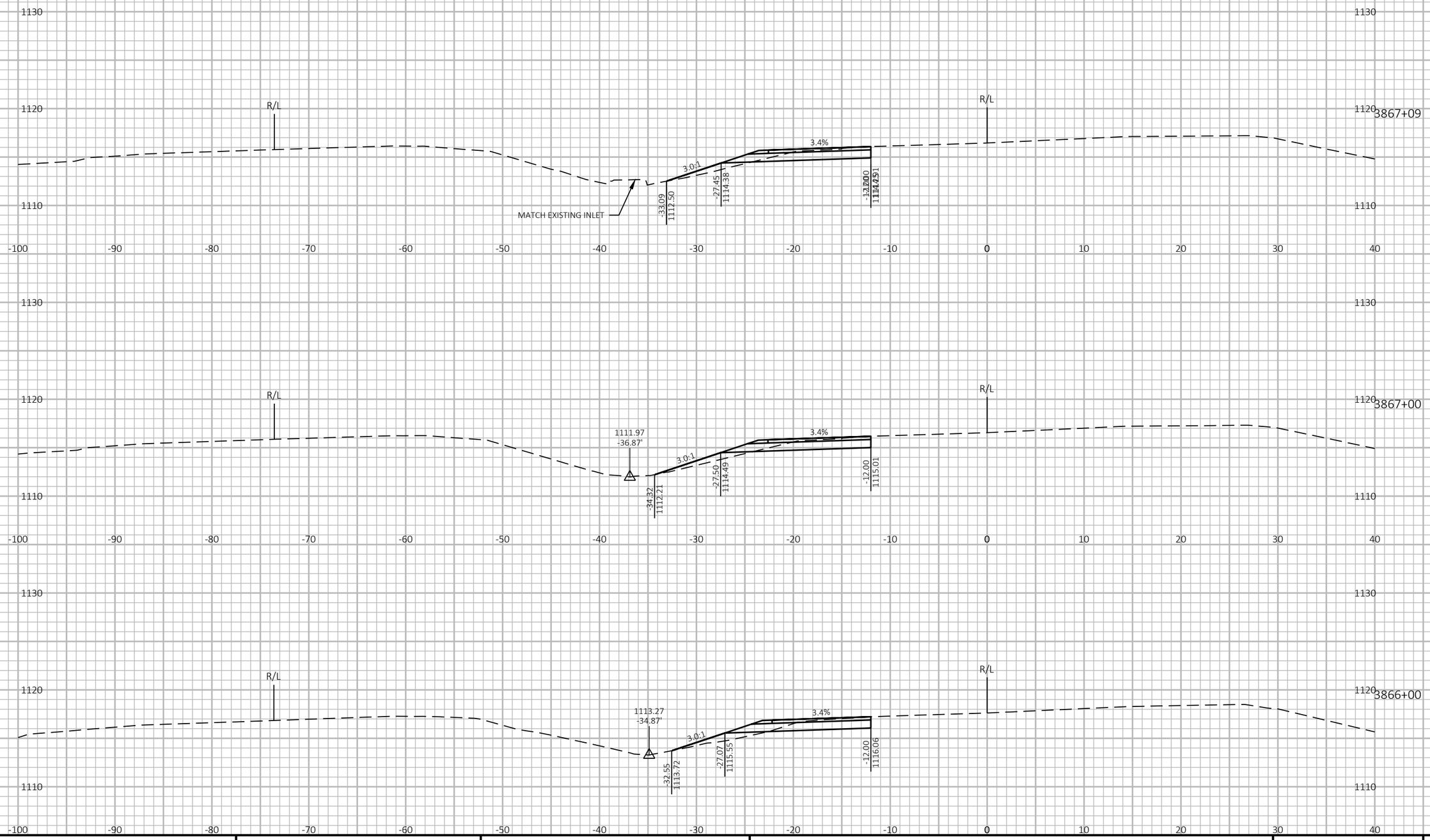
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 3 - TEMPORARY WIDENING (CTH A)	SHEET 974	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090233-XS-S3.DWG
LAYOUT NAME - 02

PLOT DATE : 2/24/2022 9:25 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

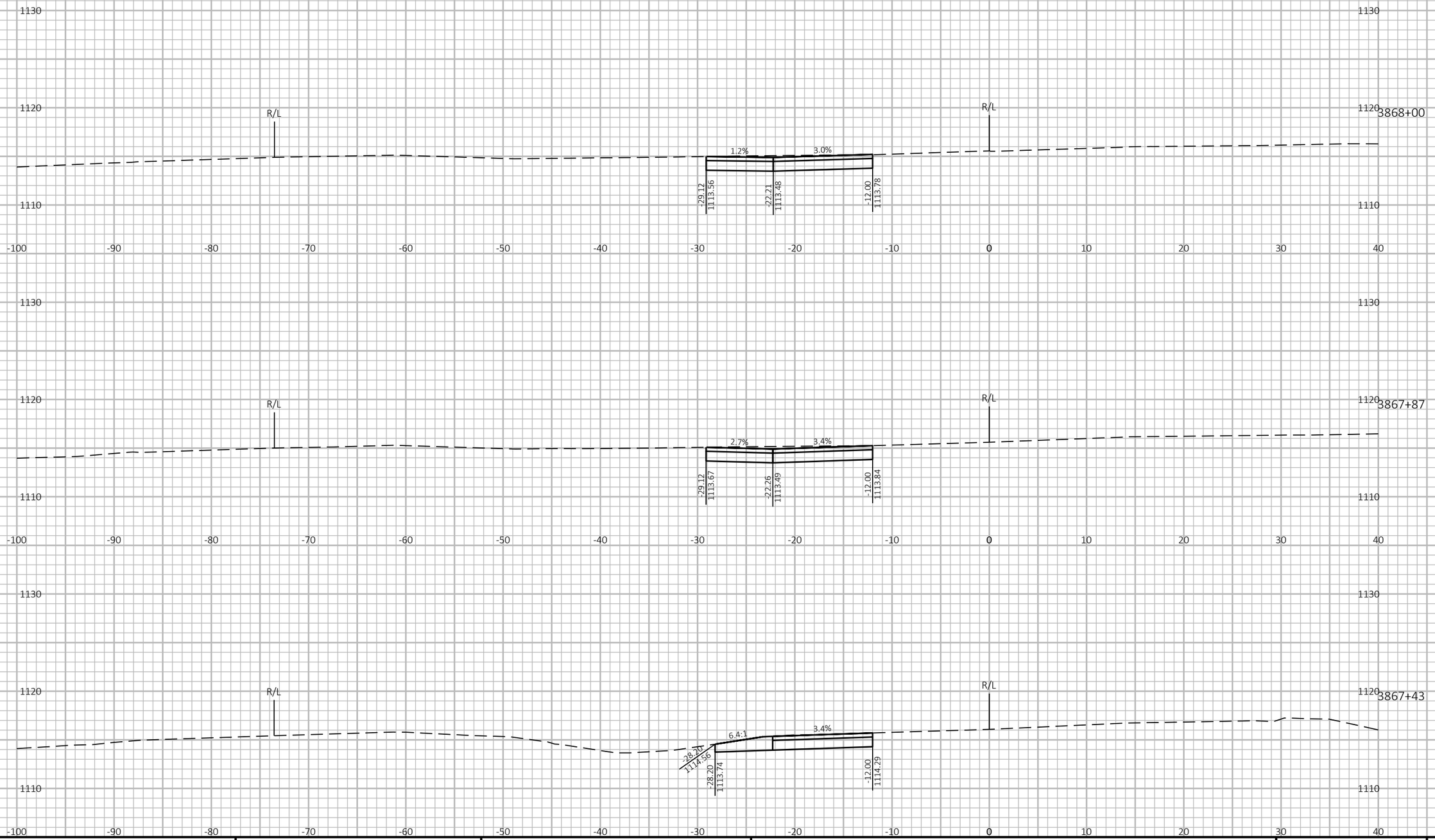
WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 3 - TEMPORARY WIDENING (CTH A)	SHEET 975	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090233-XS-S3.DWG
LAYOUT NAME - 03

PLOT DATE : 2/24/2022 9:25 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

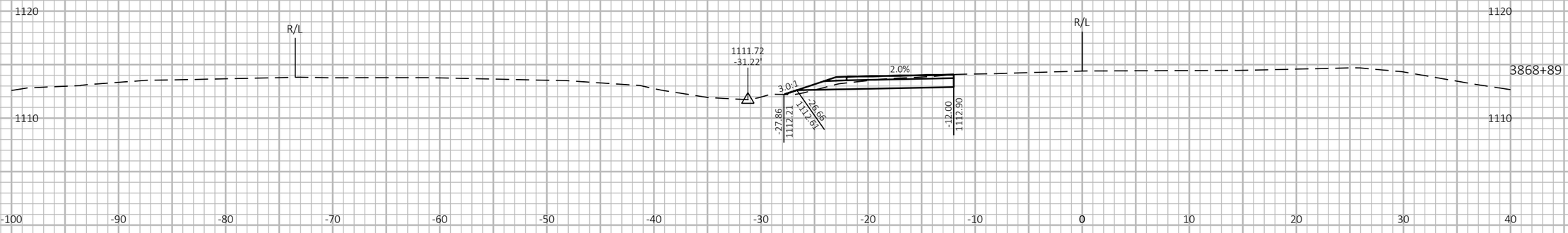
LEGEND

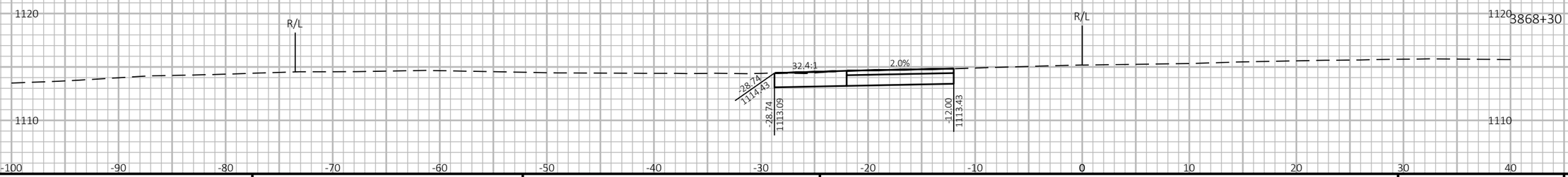
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 3 - TEMPORARY WIDENING (CTH A)	SHEET 976	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090233-XS-S3.DWG
LAYOUT NAME - 04

PLOT DATE : 2/24/2022 9:25 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

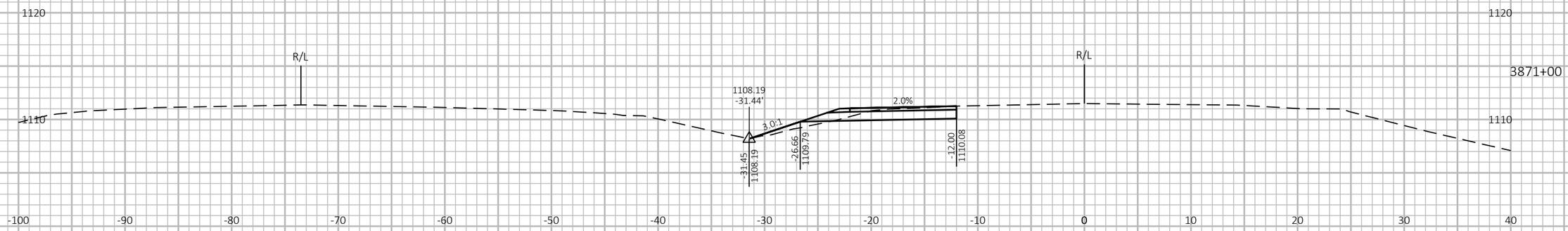
WISDOT/CADDS SHEET 49

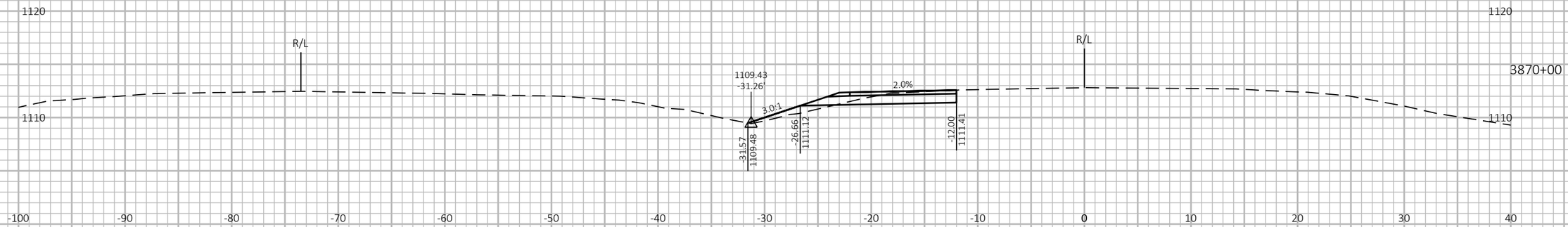
LEGEND

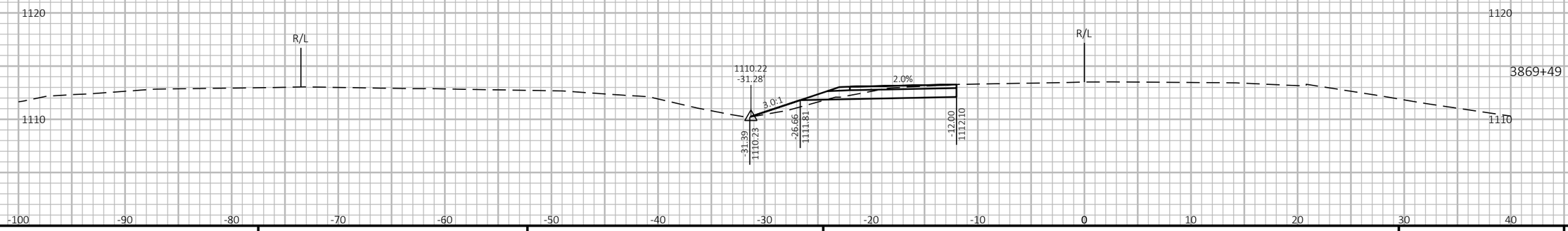
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 3 - TEMPORARY WIDENING (CTH A)	SHEET 977	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090233-XS-S3.DWG
LAYOUT NAME - 05

PLOT DATE : 2/24/2022 9:25 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

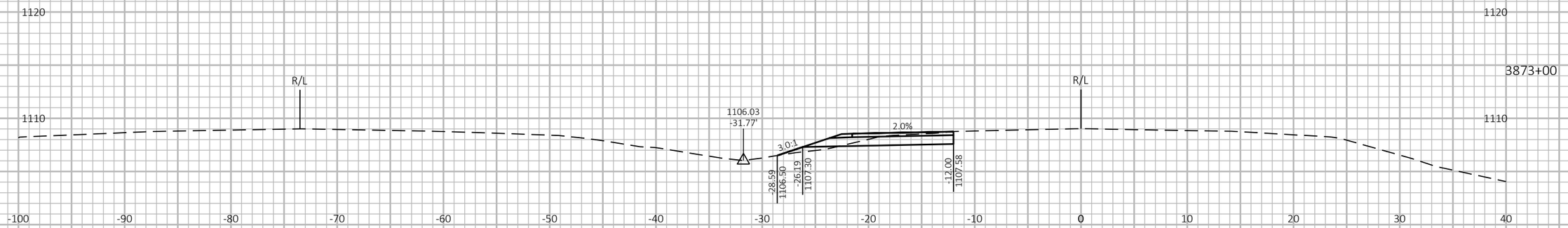
WISDOT/CADDS SHEET 49

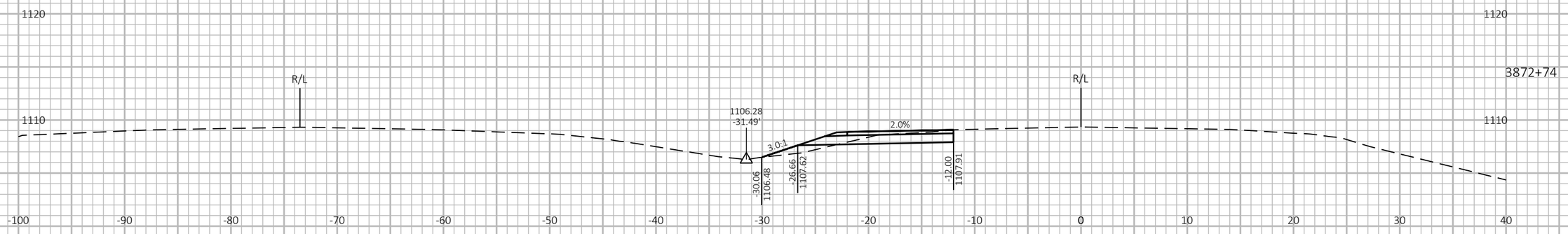
LEGEND

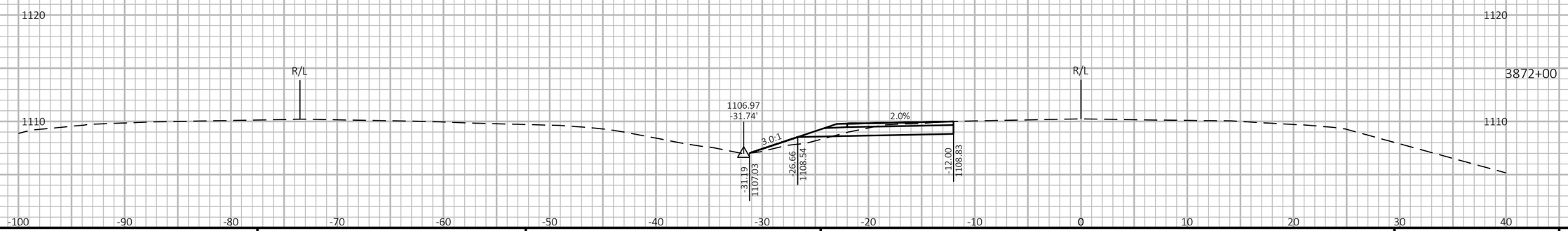
EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.







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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 3 - TEMPORARY WIDENING (CTH A)	SHEET 978	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090233-XS-S3.DWG
LAYOUT NAME - 06

PLOT DATE : 2/24/2022 9:26 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

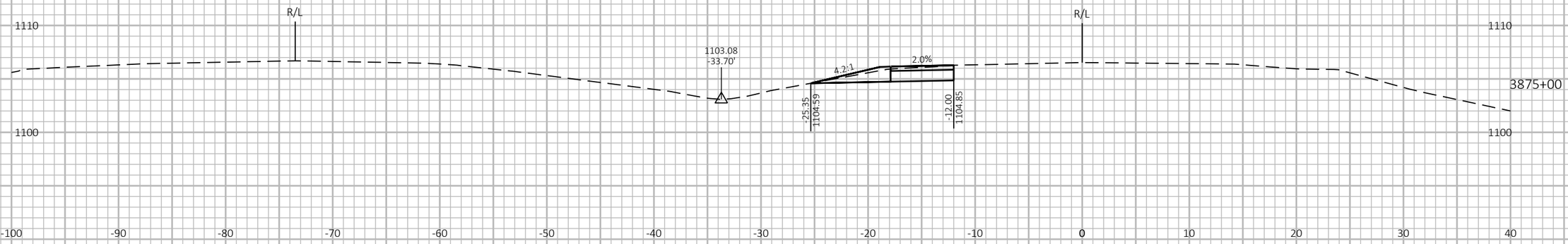
WISDOT/CADDS SHEET 49

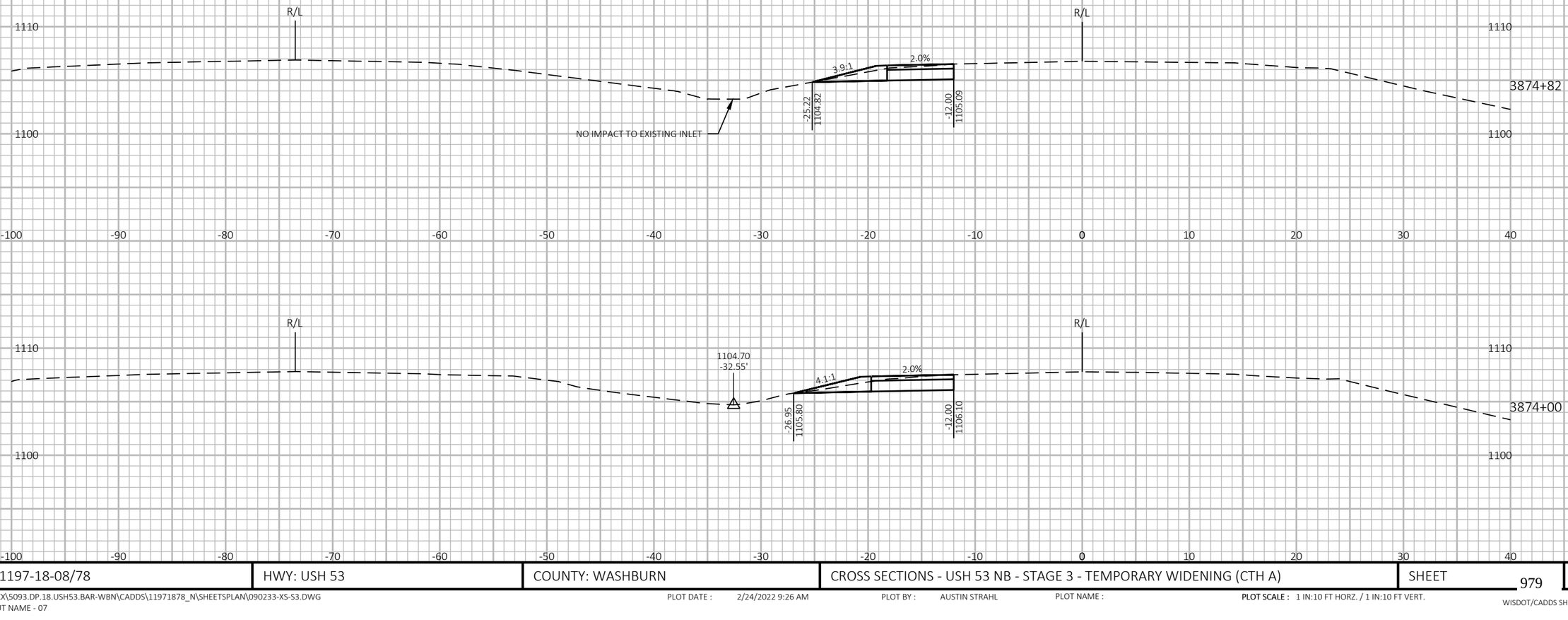
LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 3 - TEMPORARY WIDENING (CTH A)	SHEET 979	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090233-XS-S3.DWG
LAYOUT NAME - 07

PLOT DATE : 2/24/2022 9:26 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

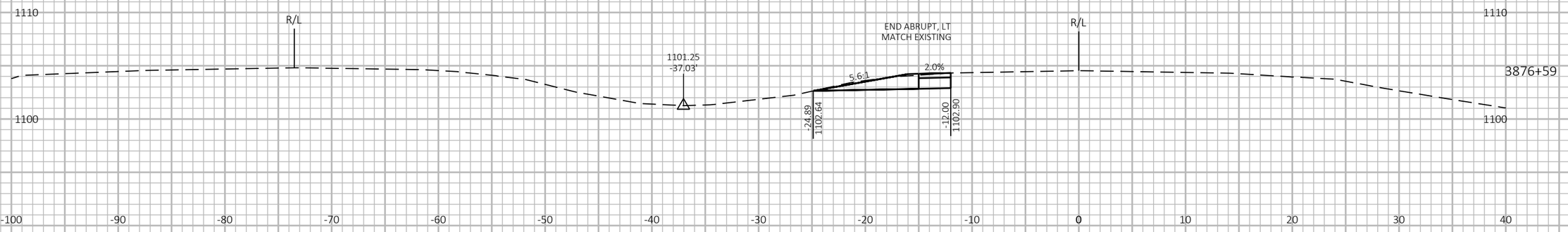
WISDOT/CADDS SHEET 49

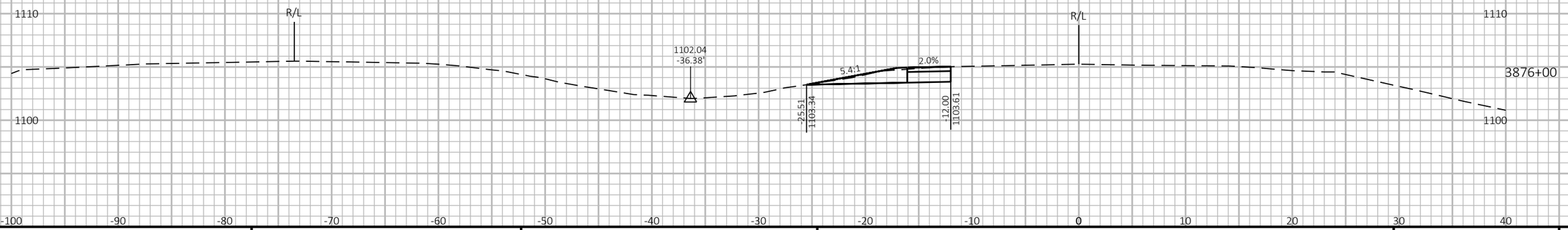
LEGEND

EXISTING GROUND

STAGE 3 CONSTRUCTION

THE TEMPORARY OVERWIDENING WILL BE REMOVED AND THE DITCH WILL BE RESTORED TO THE EXISTING FLOW LINE SHOWN IN THE CROSS SECTIONS.





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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB - STAGE 3 - TEMPORARY WIDENING (CTH A)	SHEET 980	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090233-XS-S3.DWG
LAYOUT NAME - 08

PLOT DATE : 2/24/2022 9:26 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

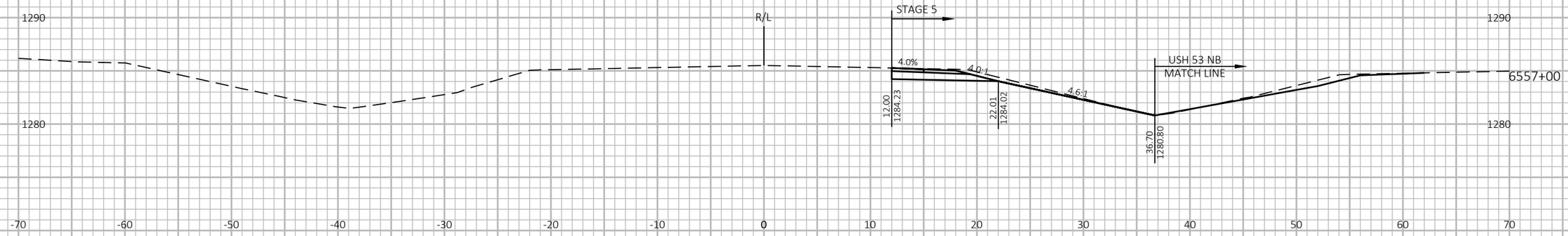
EXISTING GROUND

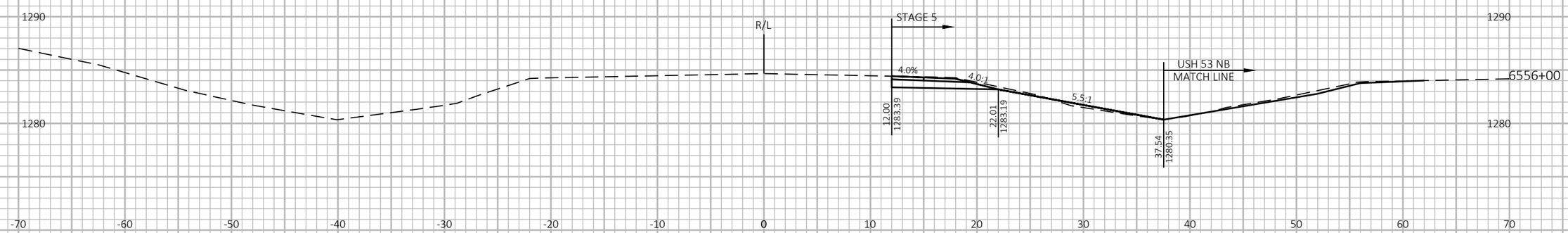
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

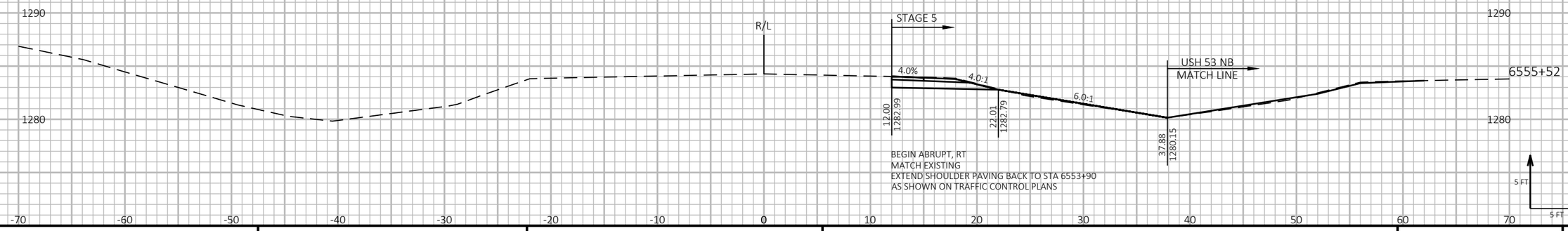
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 981	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 10/4/2022 11:44 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

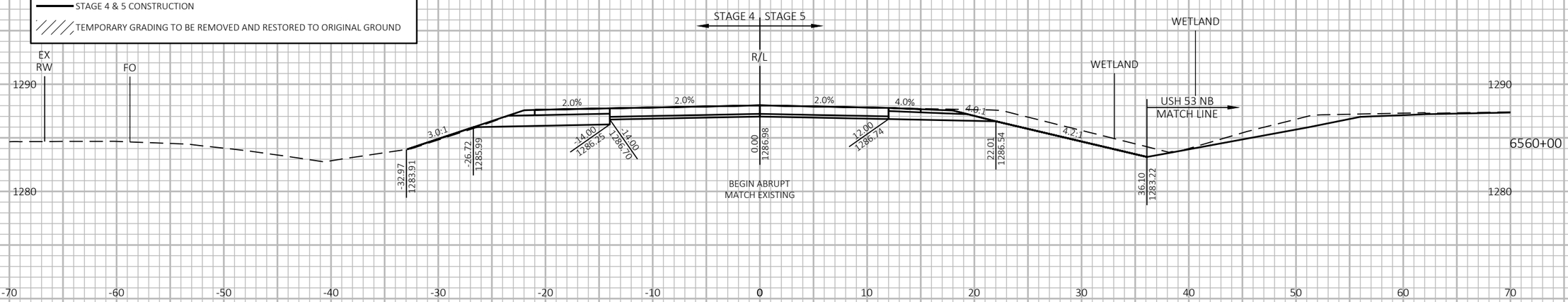
EXISTING GROUND

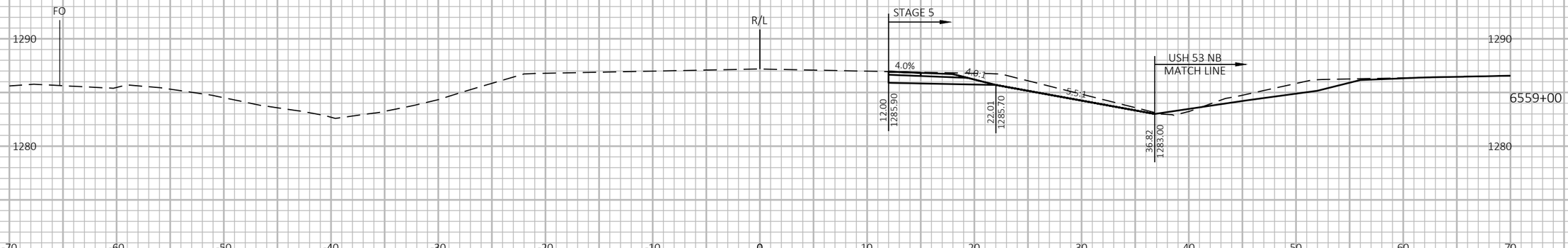
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

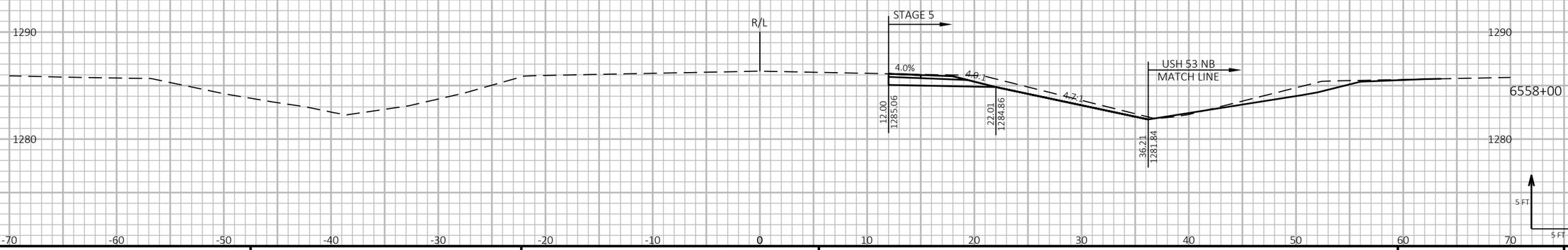
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 982	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 10/4/2022 11:45 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

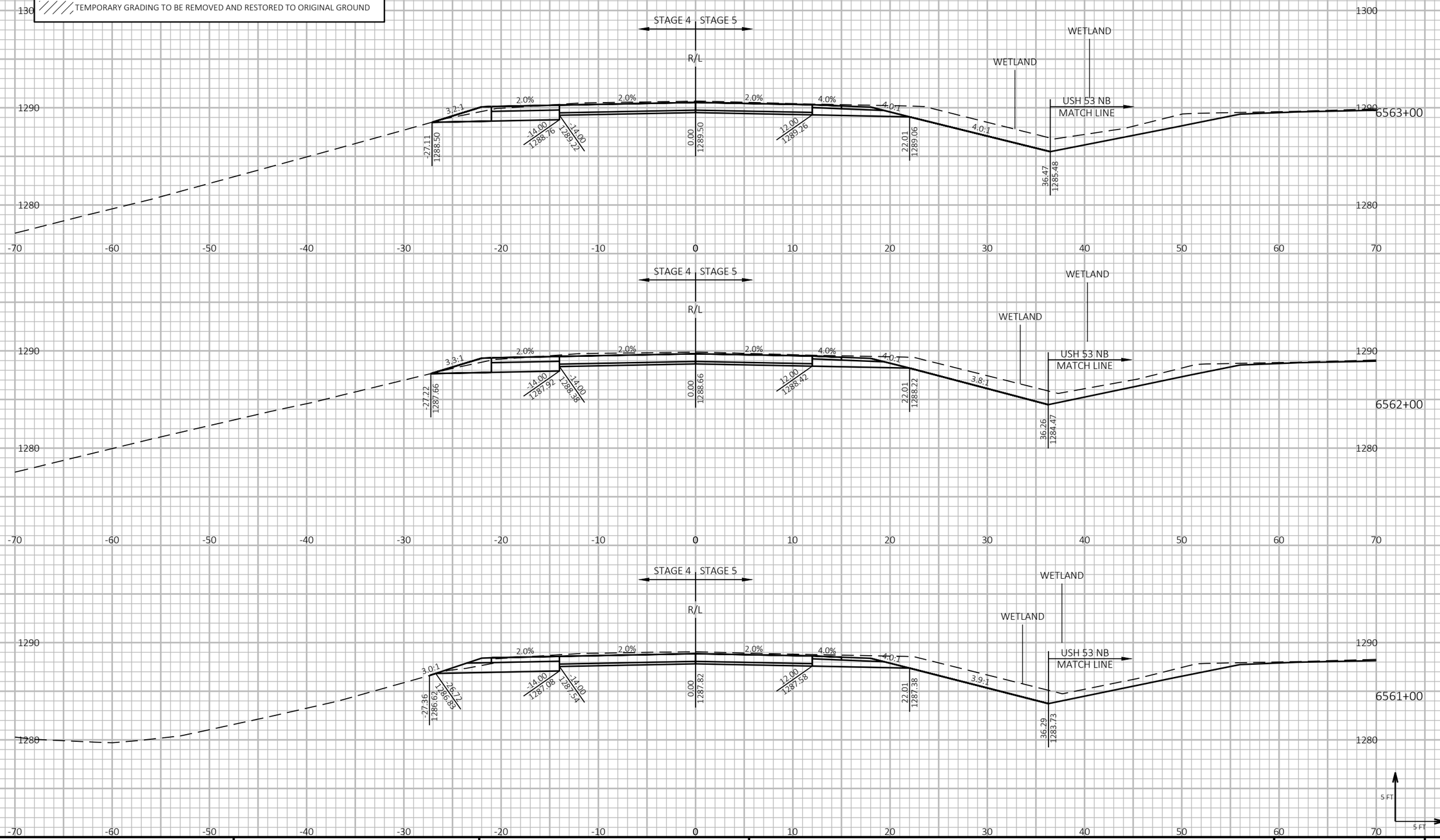
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 983	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 10/4/2022 11:45 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

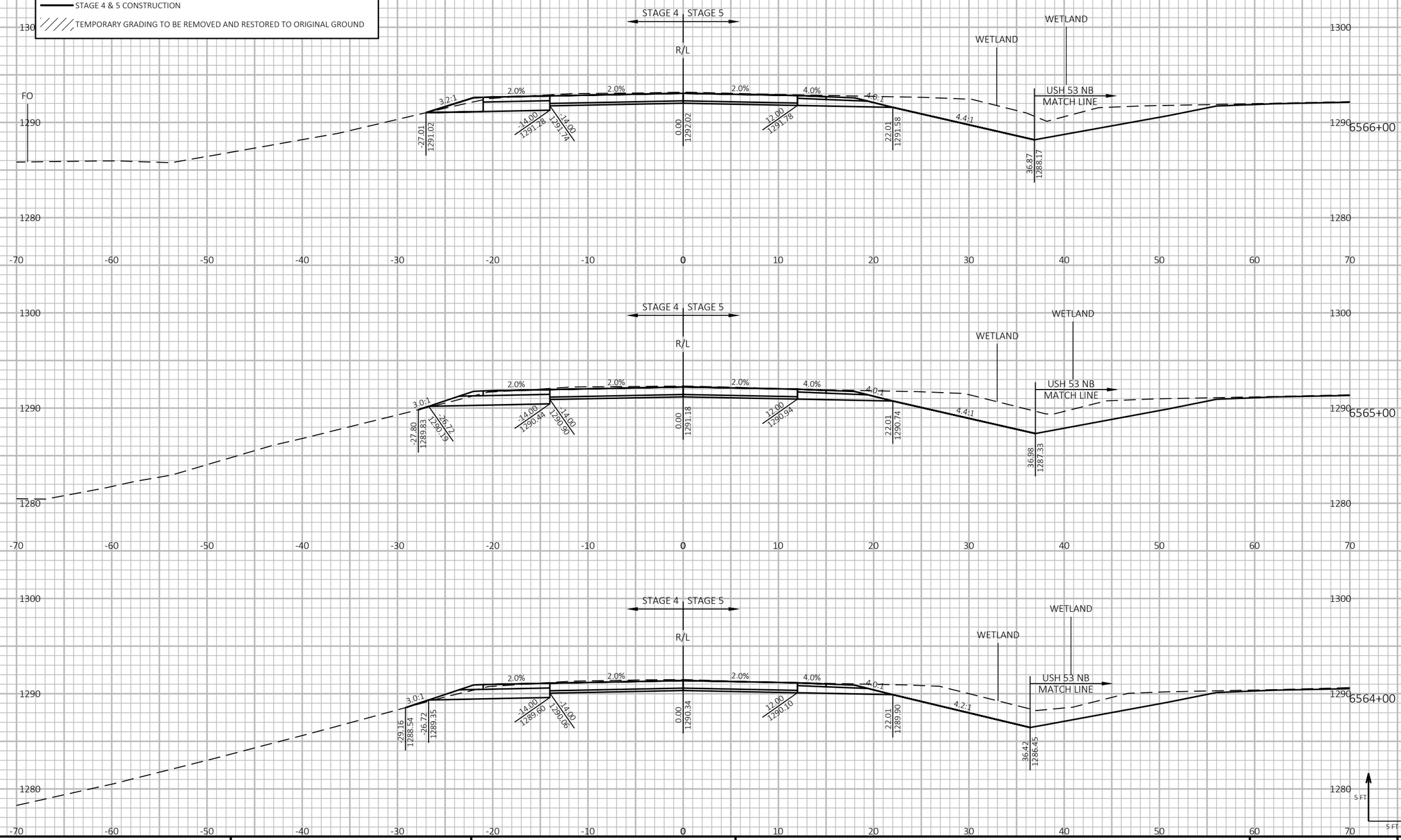
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 984	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 04

PLOT DATE : 10/4/2022 11:46 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

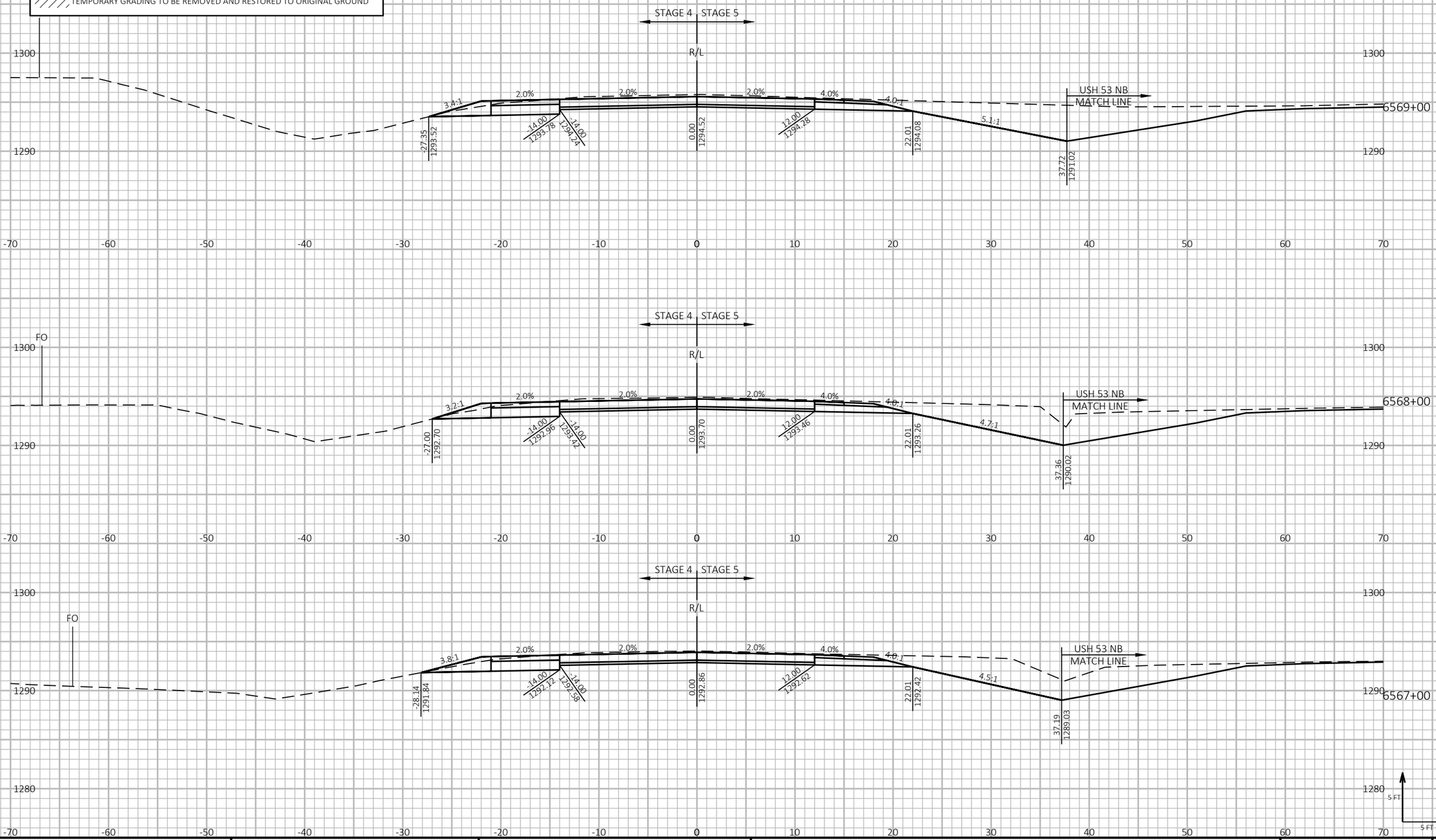
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 985	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 05

PLOT DATE : 10/4/2022 11:46 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

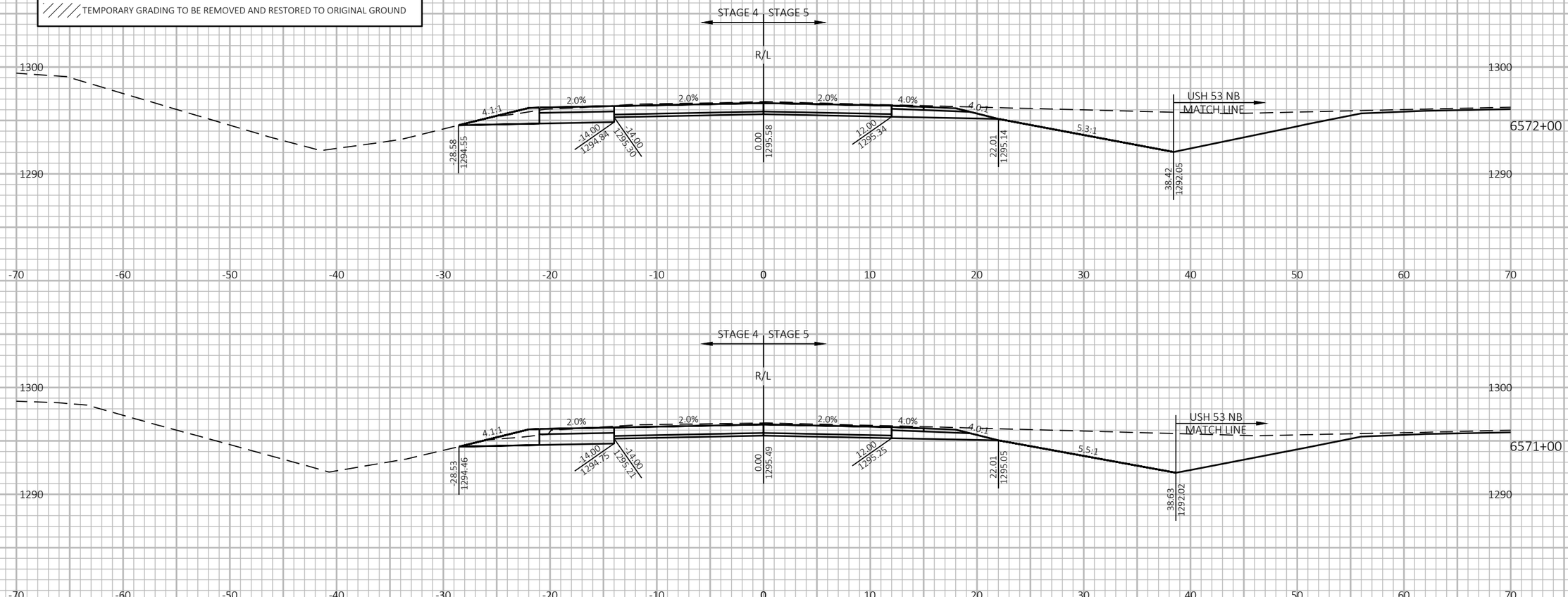
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 986	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 10/4/2022 11:47 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 987	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 07

PLOT DATE : 10/4/2022 11:47 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

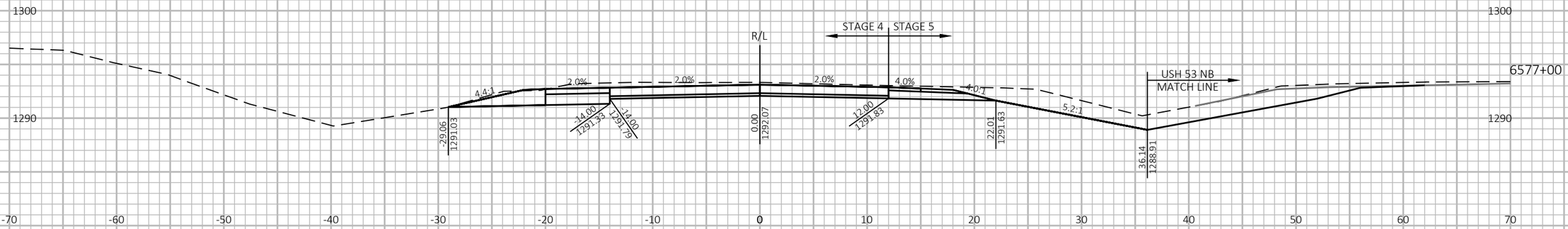
EXISTING GROUND

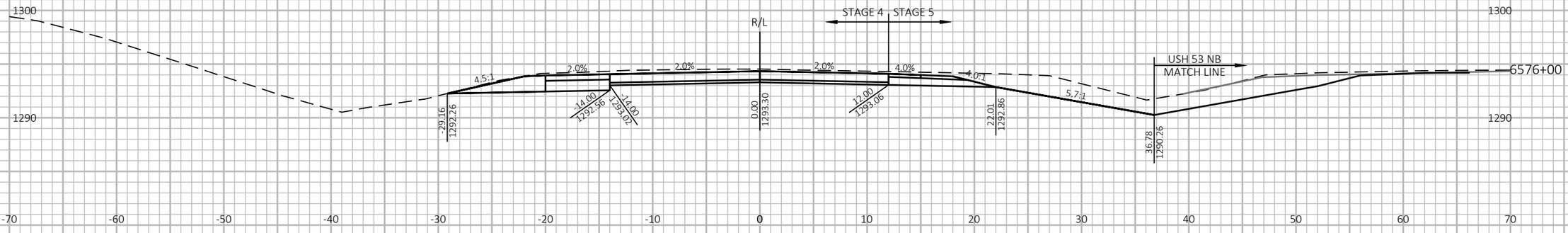
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

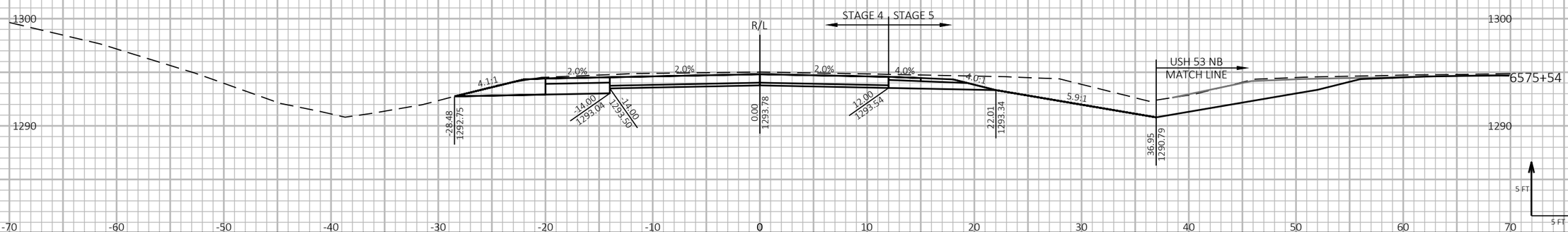
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 988	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 08

PLOT DATE : 10/4/2022 11:47 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

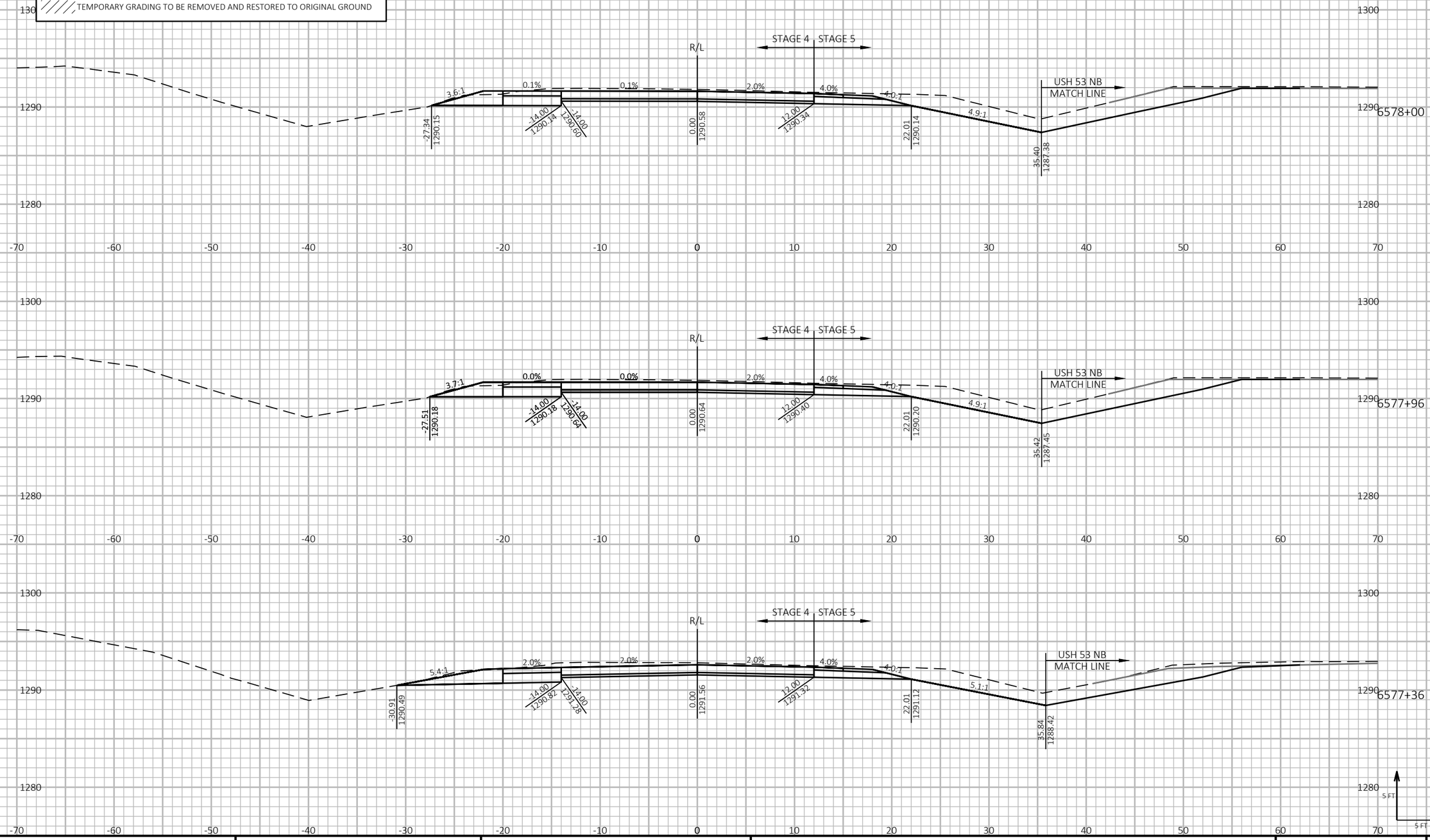
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 989	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 10/4/2022 11:48 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

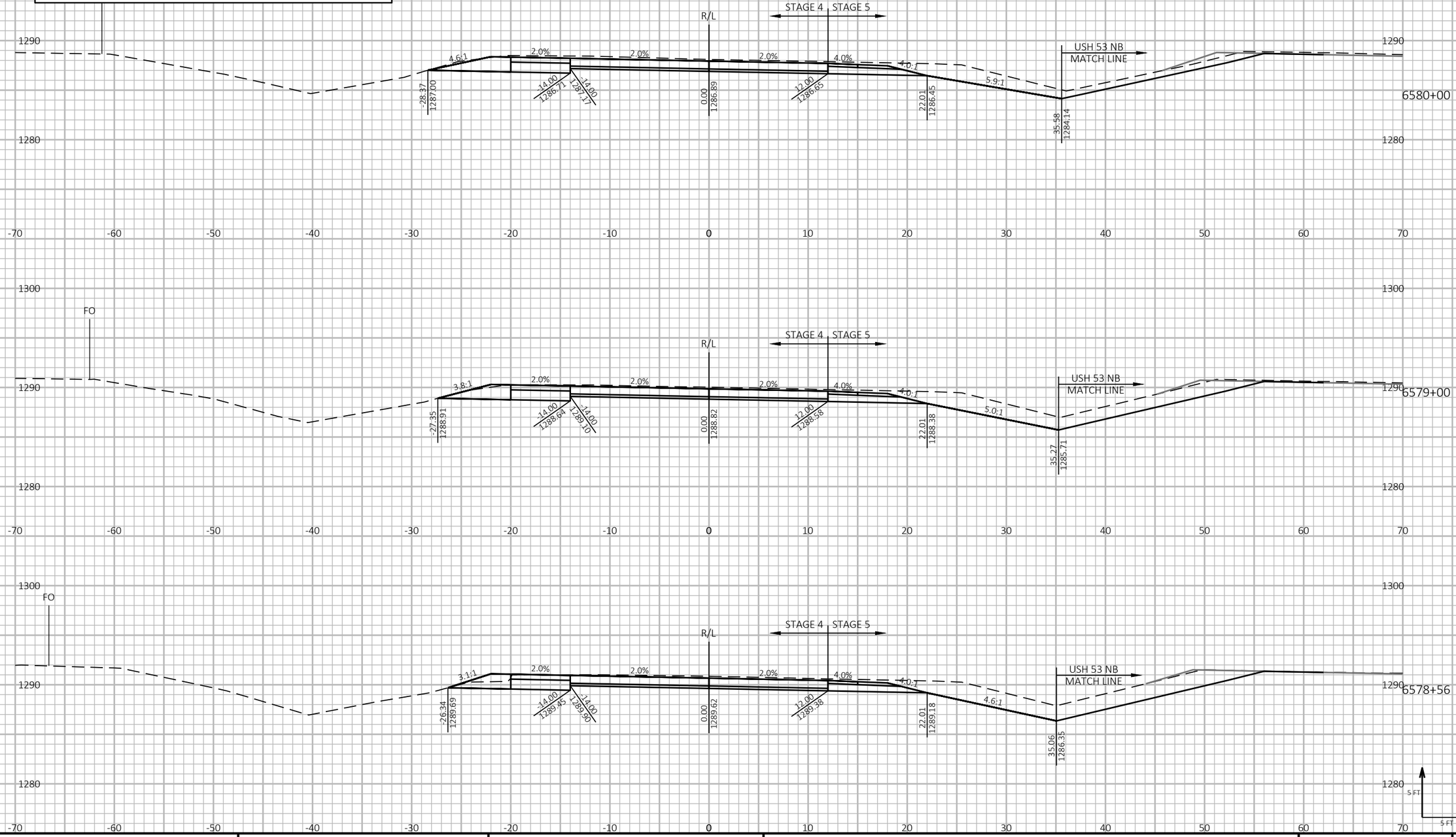
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 990	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 10

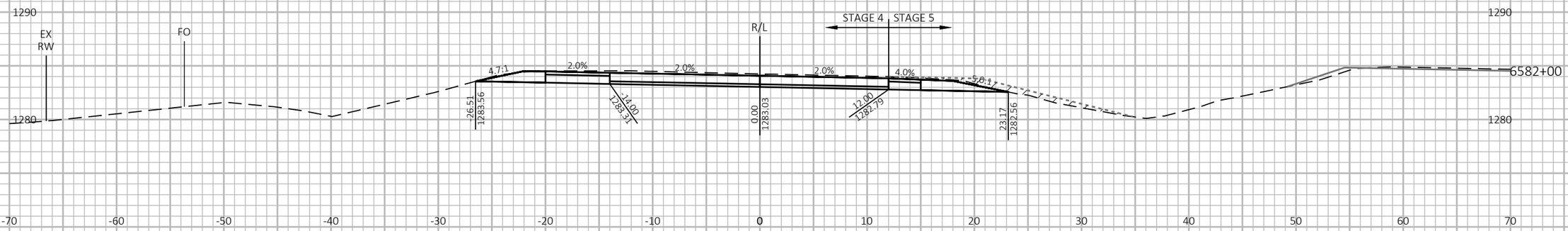
PLOT DATE : 10/4/2022 11:48 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

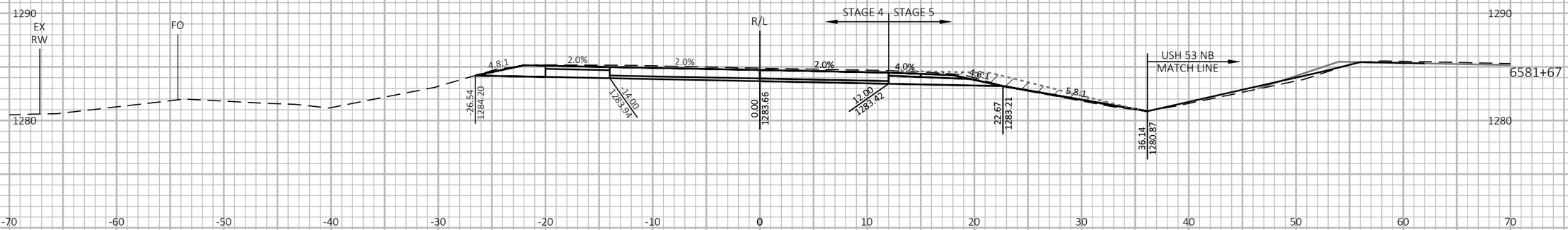
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

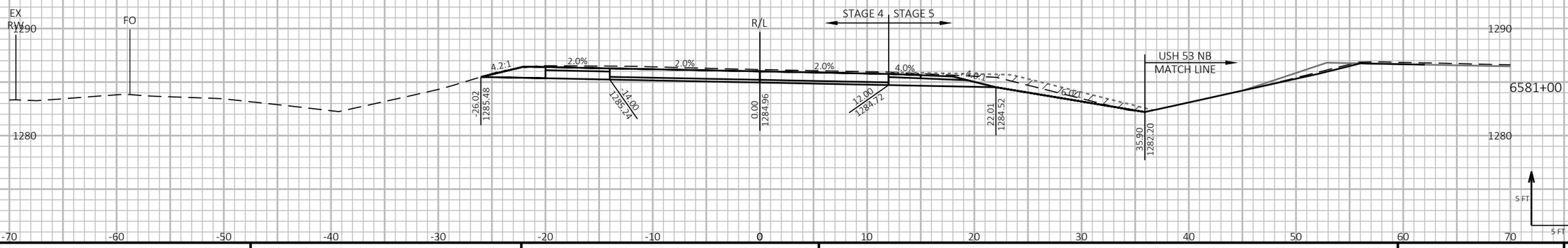
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 991	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 11

PLOT DATE : 10/4/2022 11:49 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

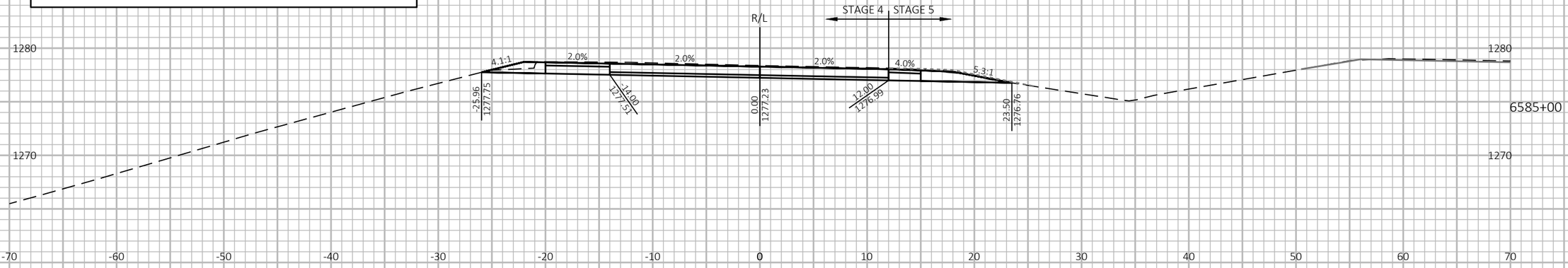
EXISTING GROUND

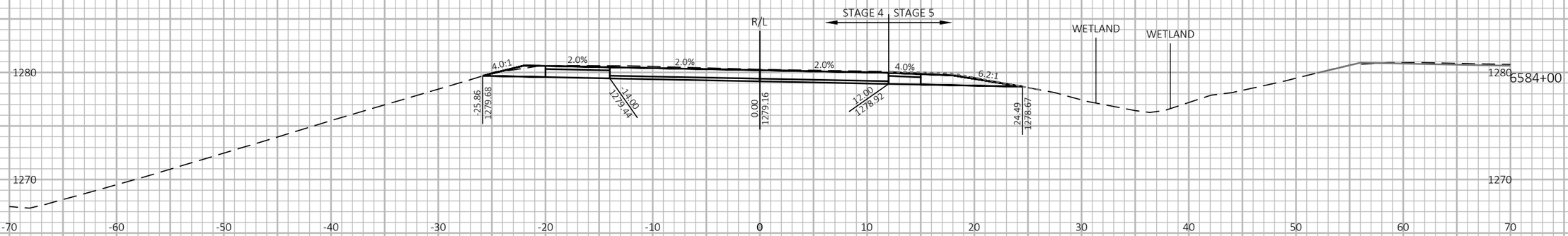
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

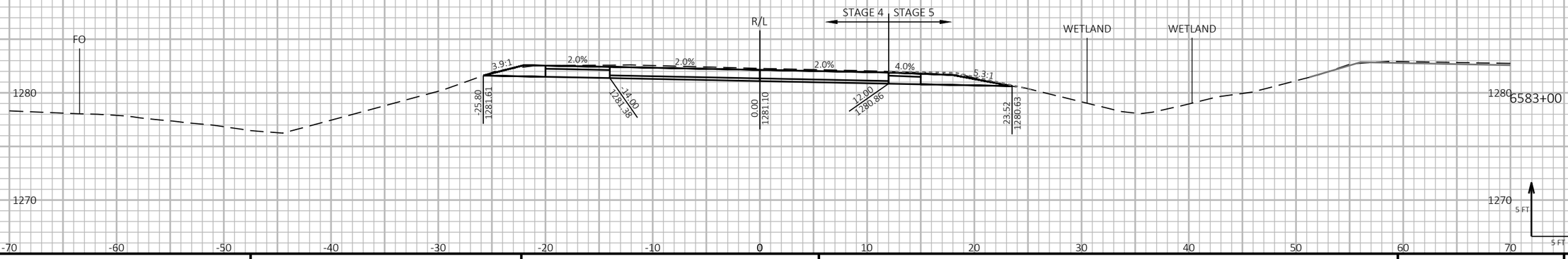
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 992	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 12

PLOT DATE : 10/4/2022 11:49 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

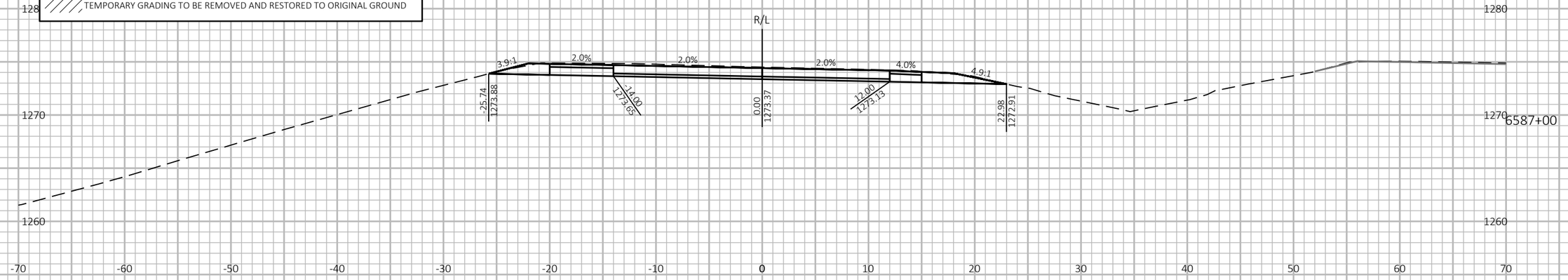
EXISTING GROUND

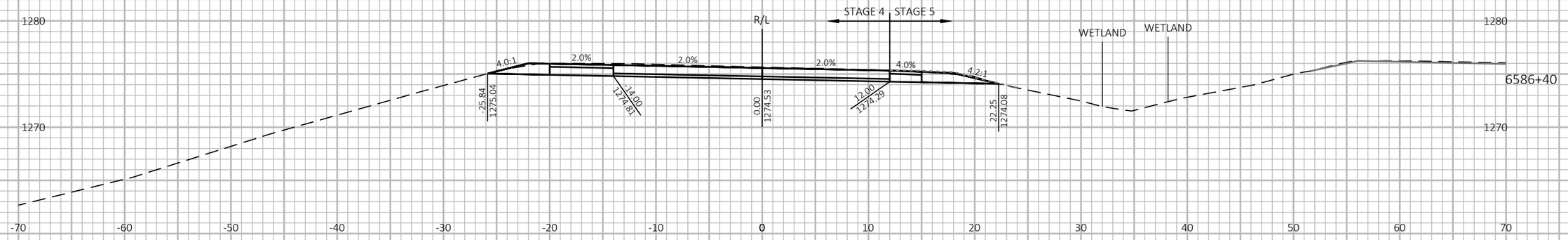
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

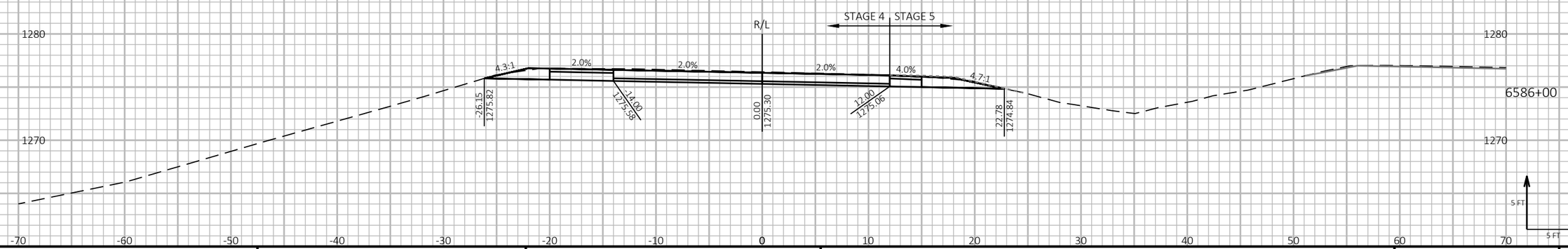
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 993	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 13

PLOT DATE : 10/4/2022 11:49 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

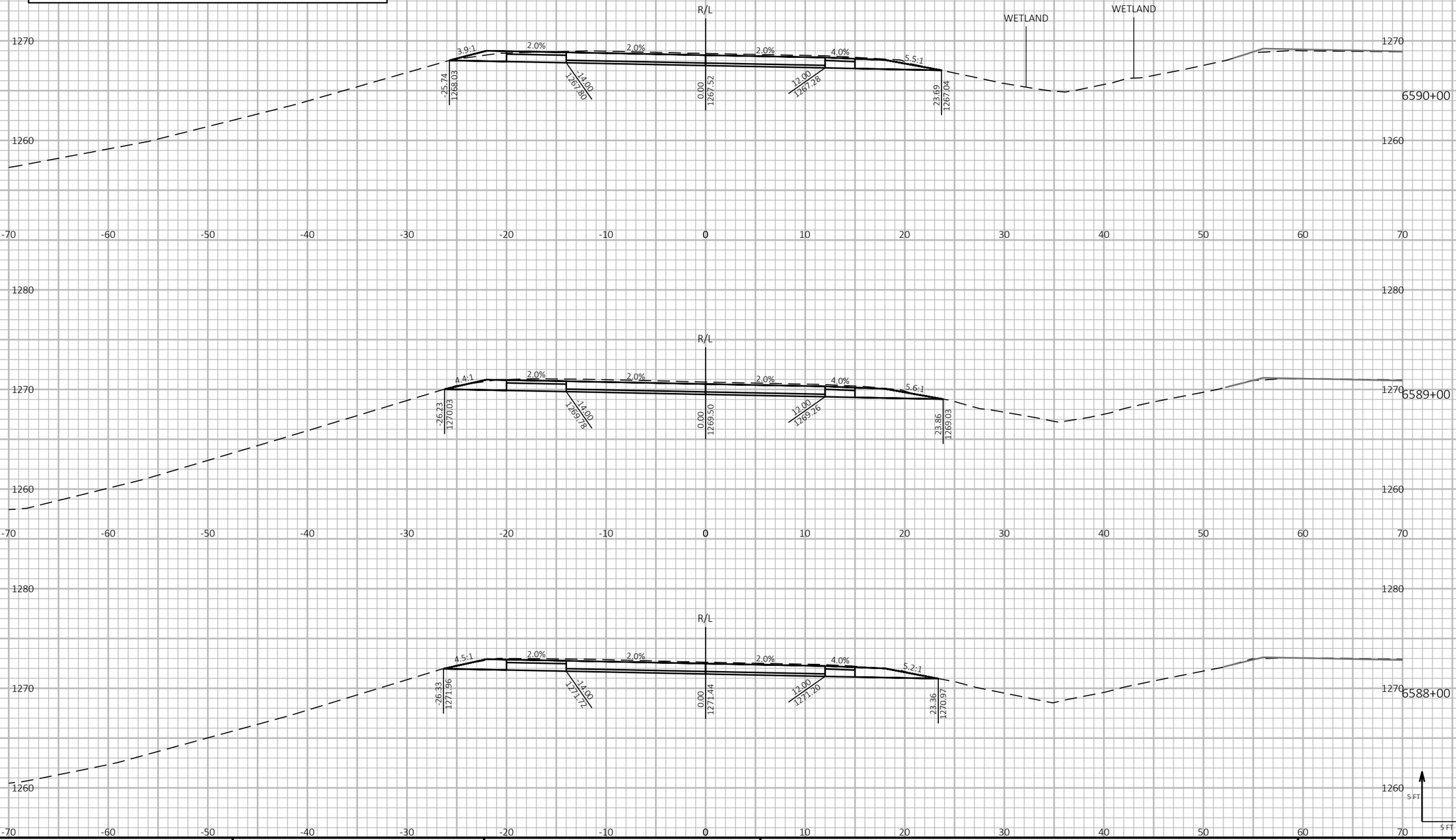
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 994	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 14

PLOT DATE : 10/4/2022 11:50 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

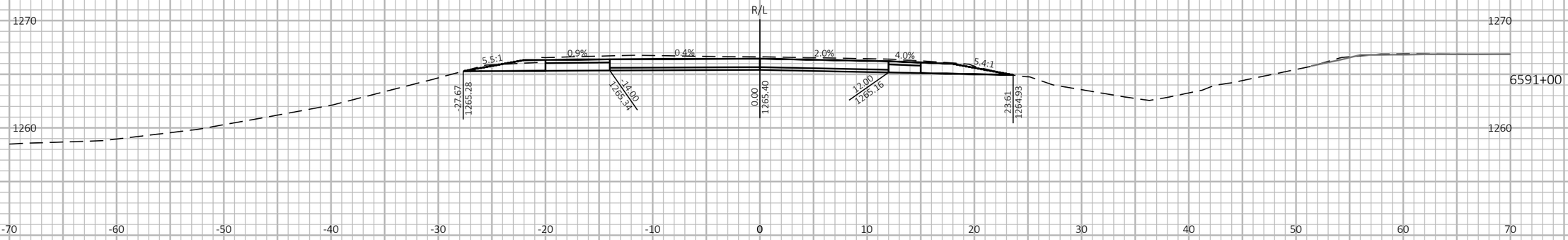
EXISTING GROUND

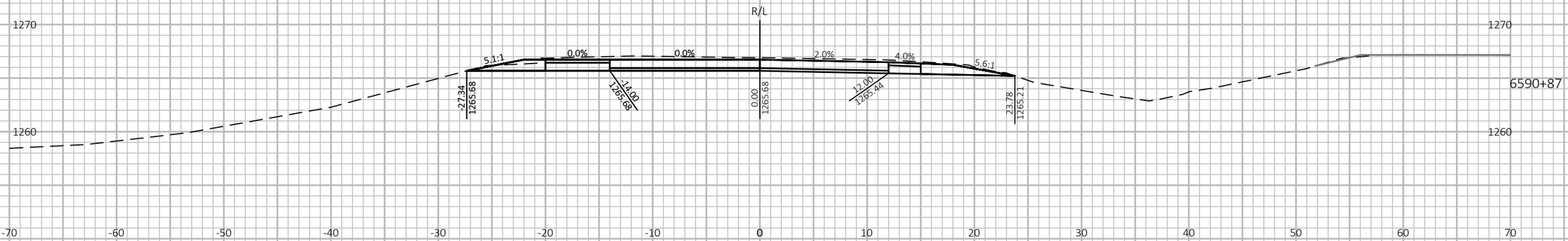
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

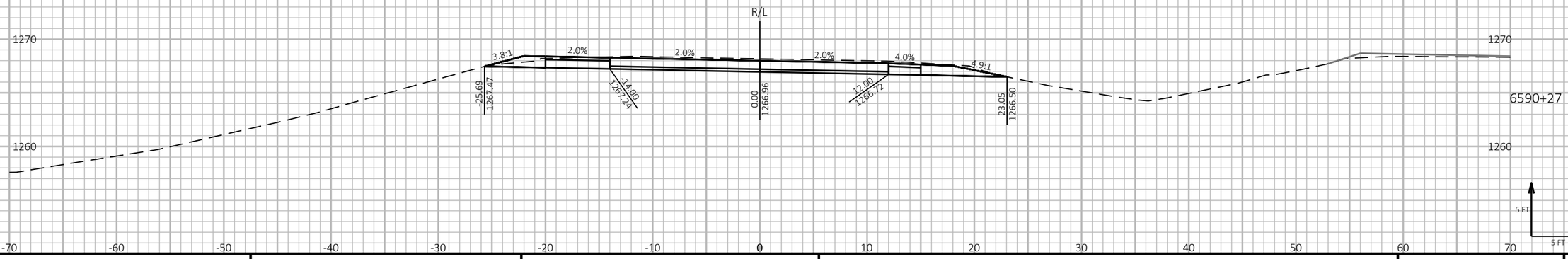
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 995	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 15

PLOT DATE : 10/4/2022 11:50 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

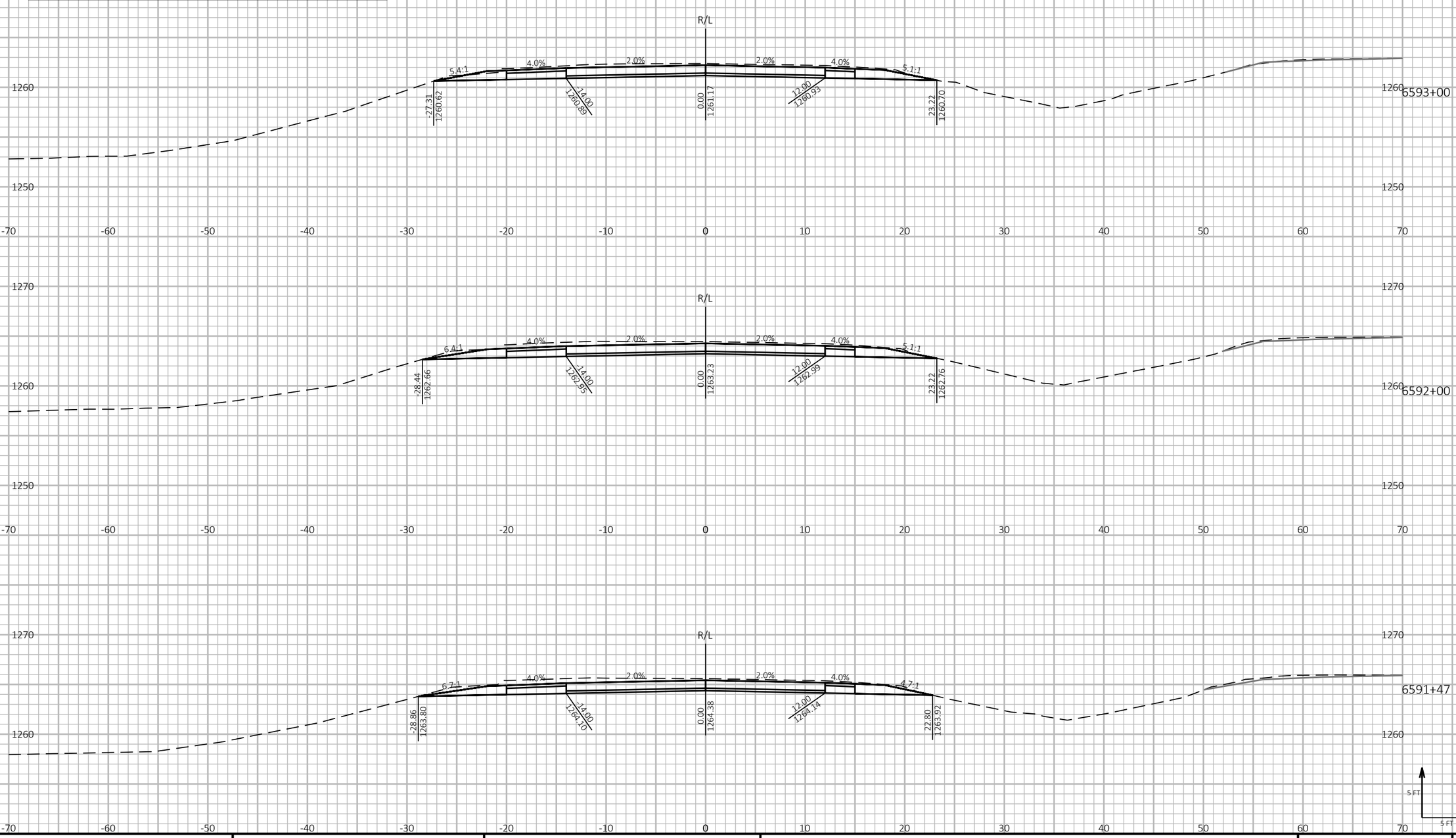
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 996	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 16

PLOT DATE : 10/4/2022 11:50 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

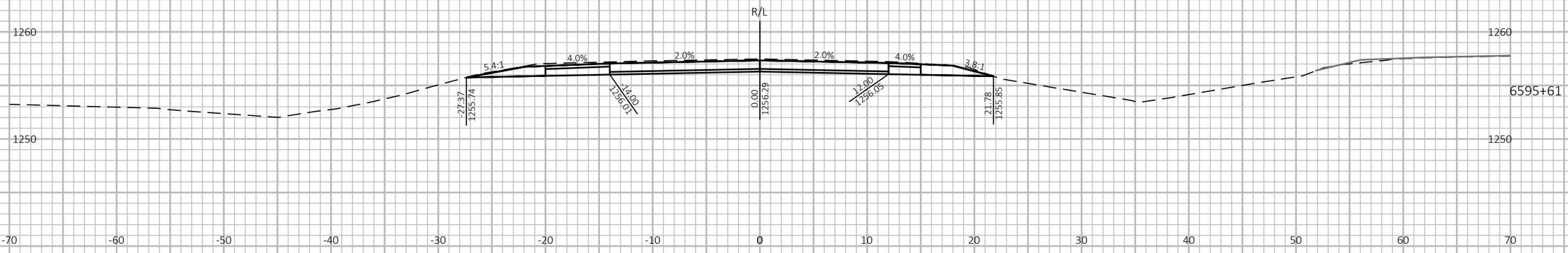
EXISTING GROUND

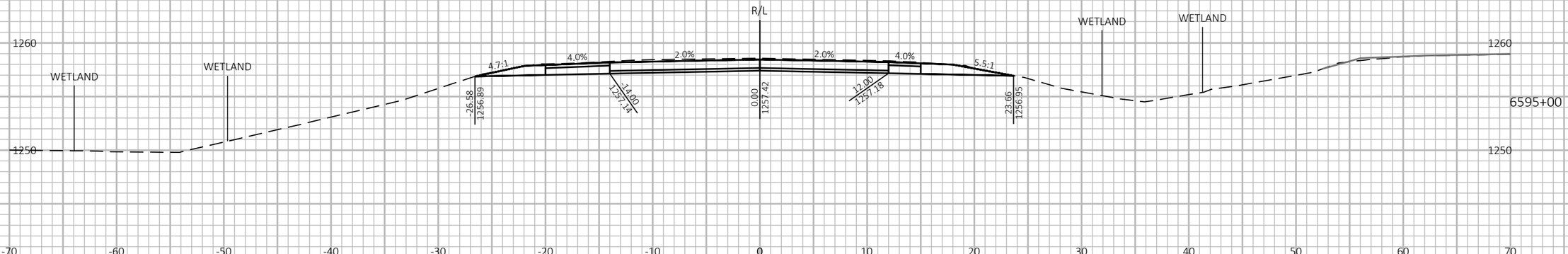
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 997	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 17

PLOT DATE : 10/4/2022 11:51 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

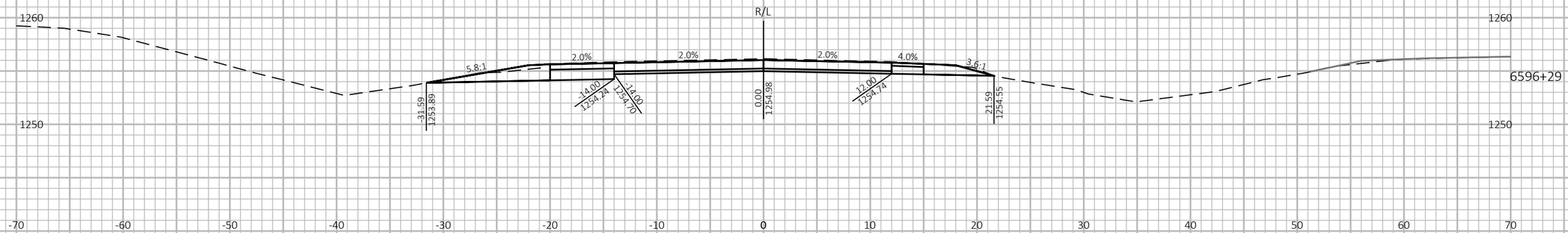
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 998	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 18

PLOT DATE : 10/4/2022 11:51 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

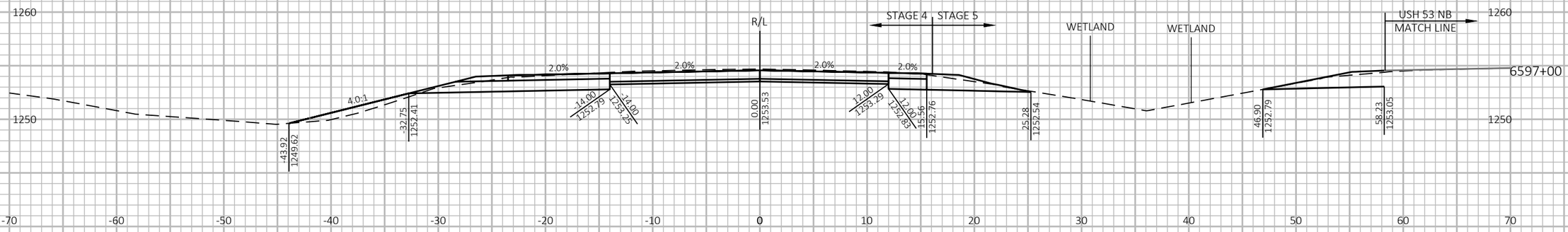
EXISTING GROUND

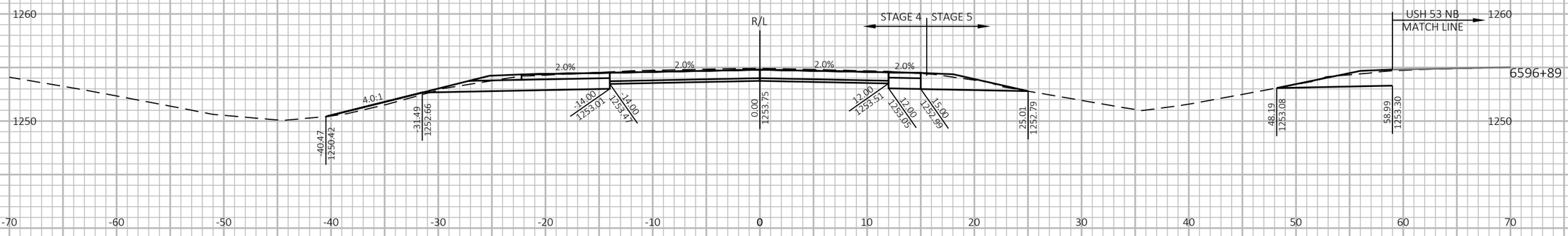
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

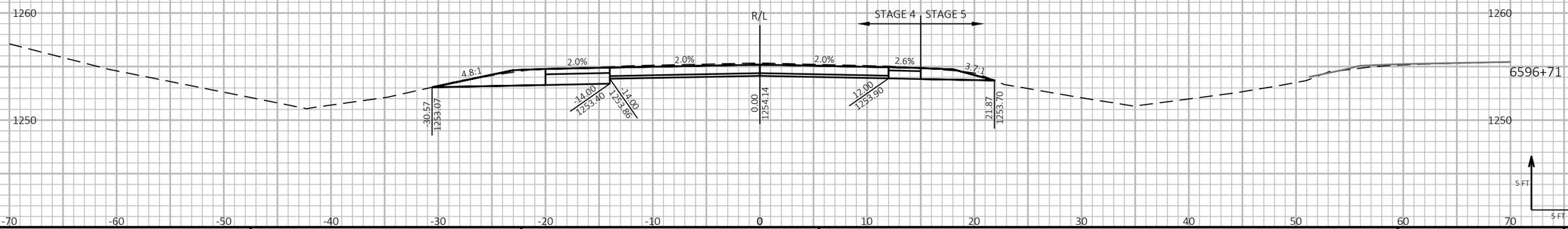
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 999	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 19

PLOT DATE : 10/4/2022 11:51 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

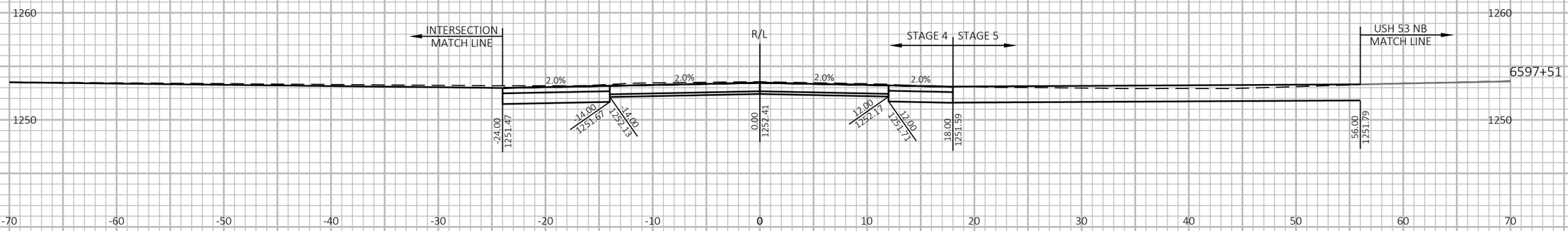
EXISTING GROUND

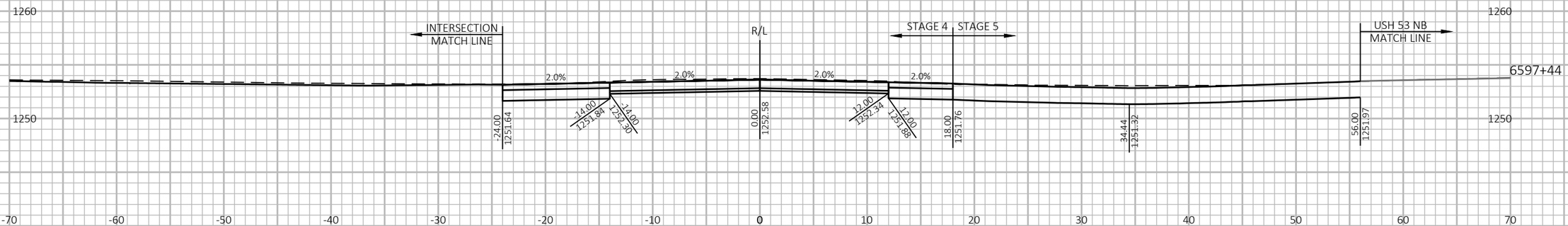
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

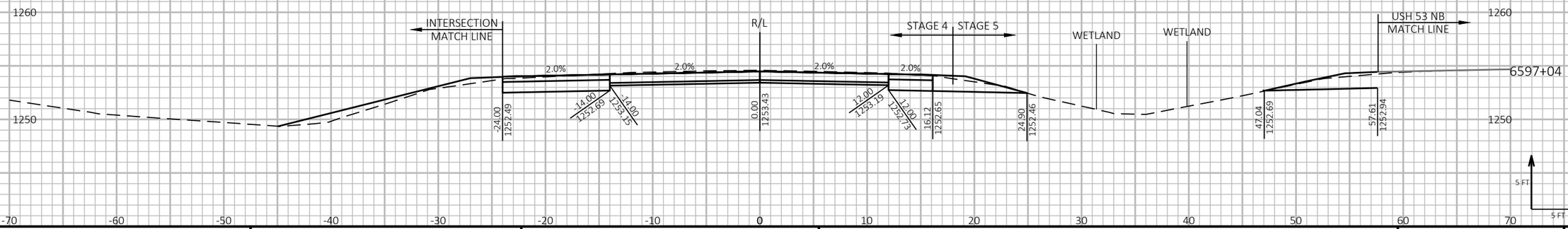
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1000	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 20

PLOT DATE : 10/4/2022 11:52 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

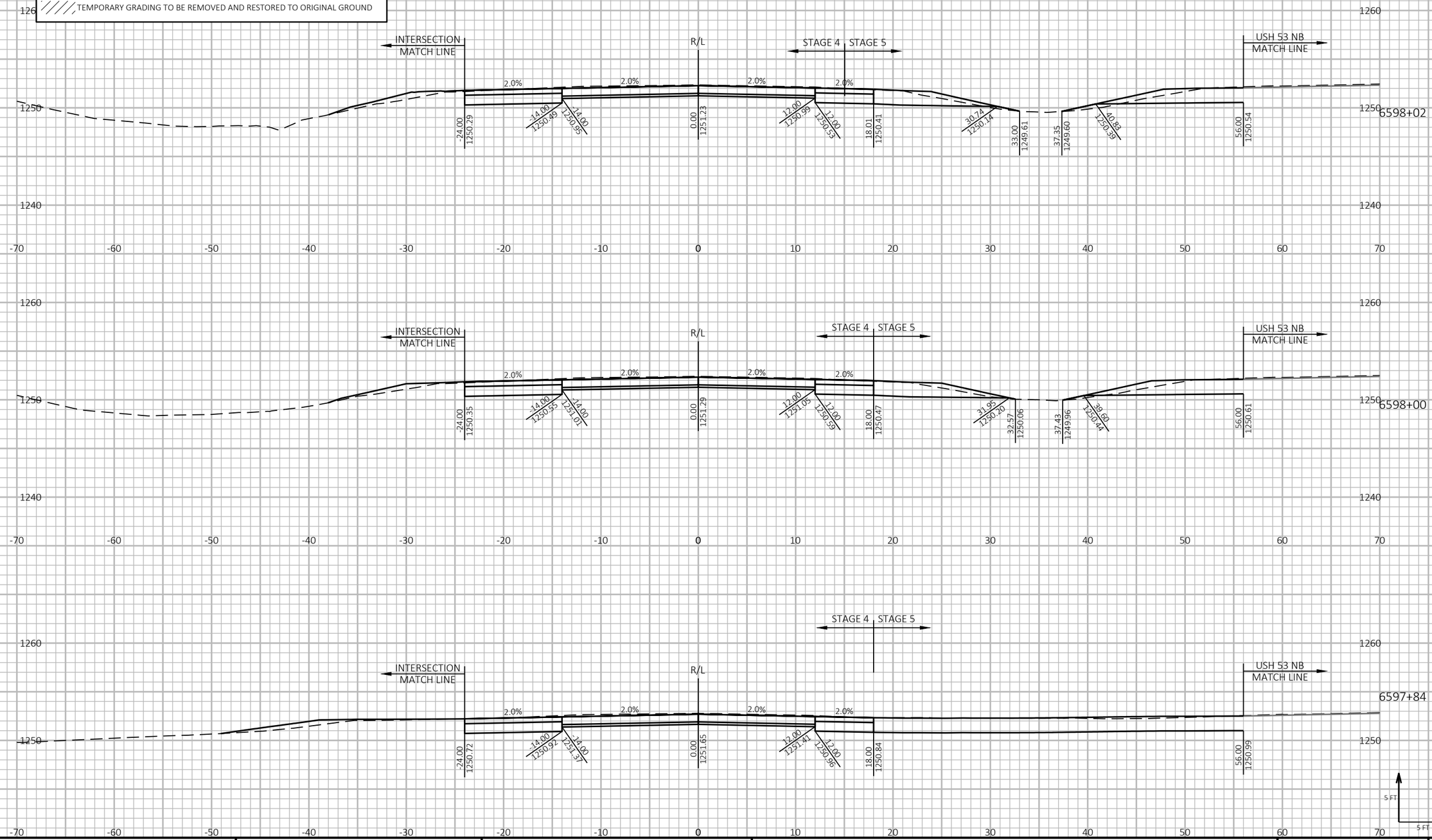
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1001	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 21

PLOT DATE : 10/4/2022 11:52 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

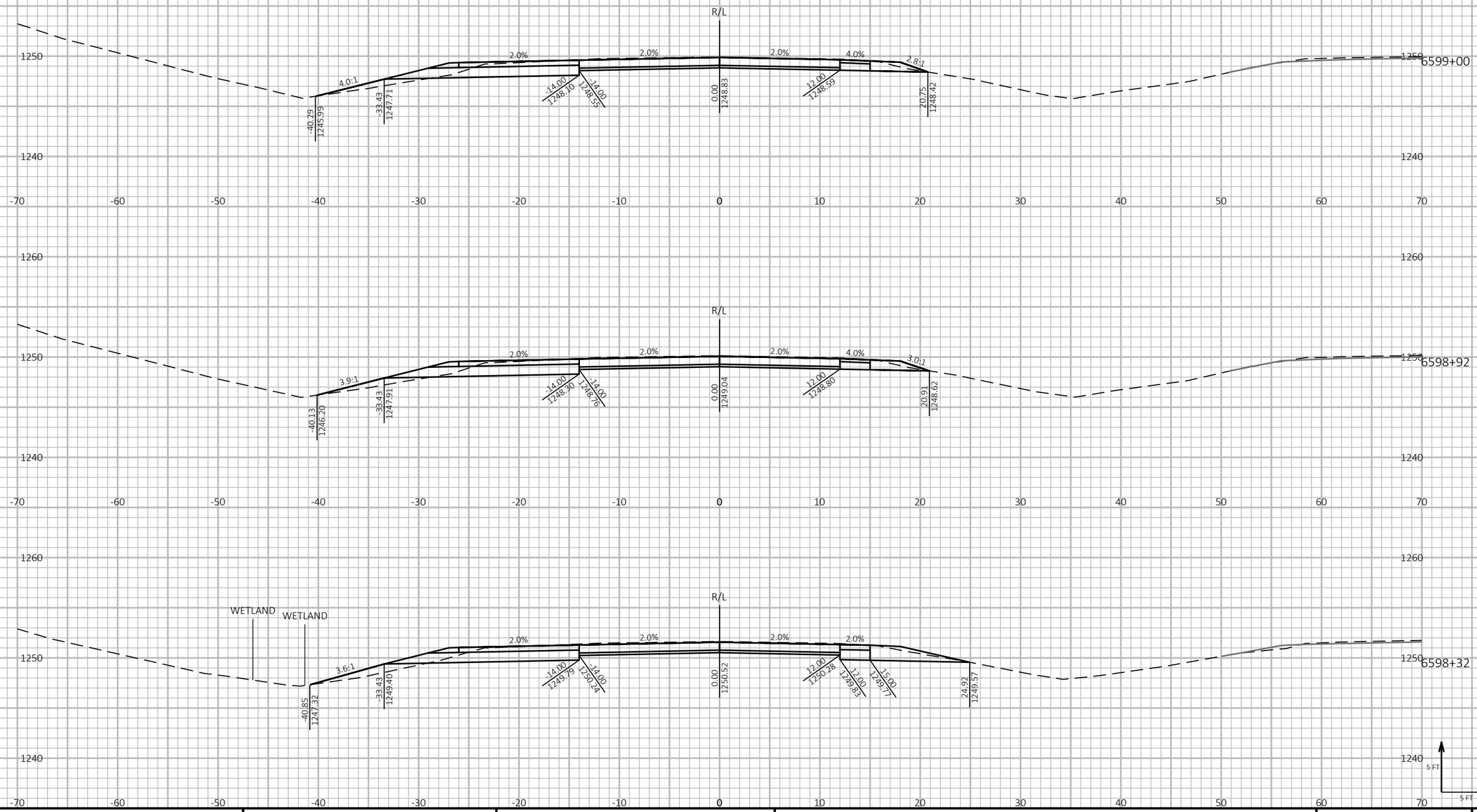
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1002	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 22

PLOT DATE : 10/4/2022 11:52 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

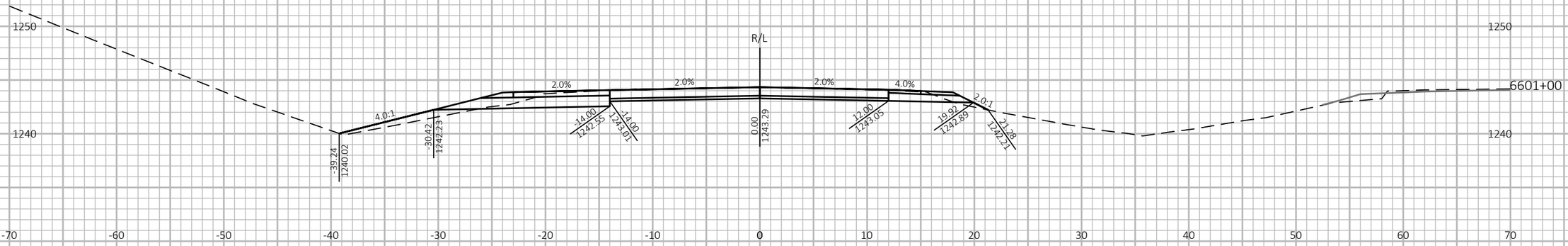
EXISTING GROUND

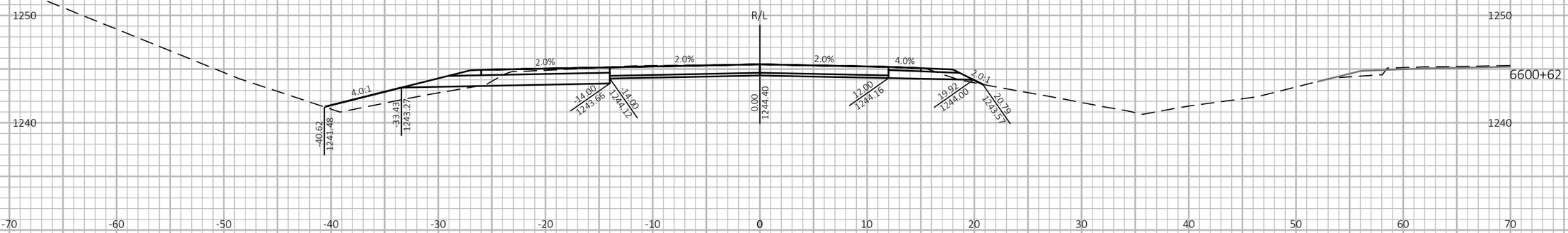
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

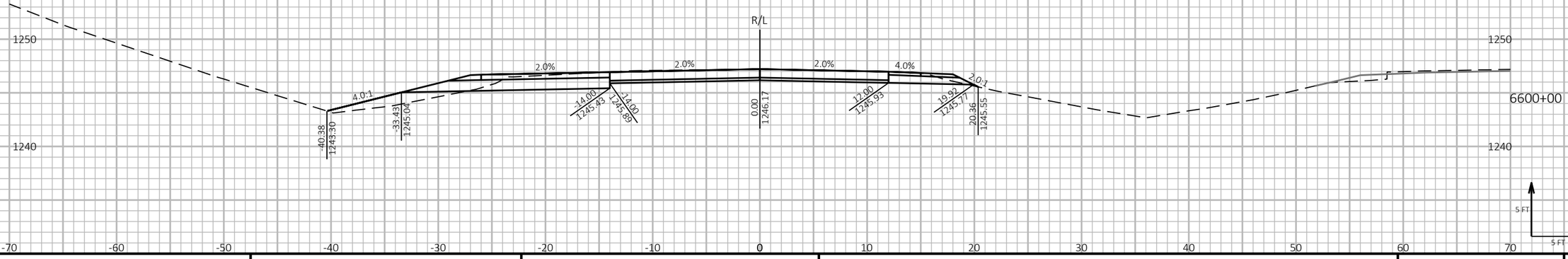
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1003	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 23

PLOT DATE : 10/4/2022 11:53 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1004	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 24

PLOT DATE : 10/4/2022 11:53 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

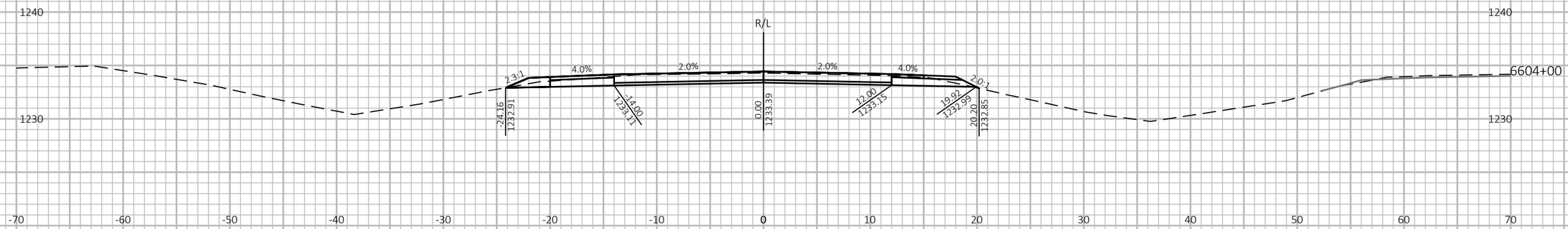
EXISTING GROUND

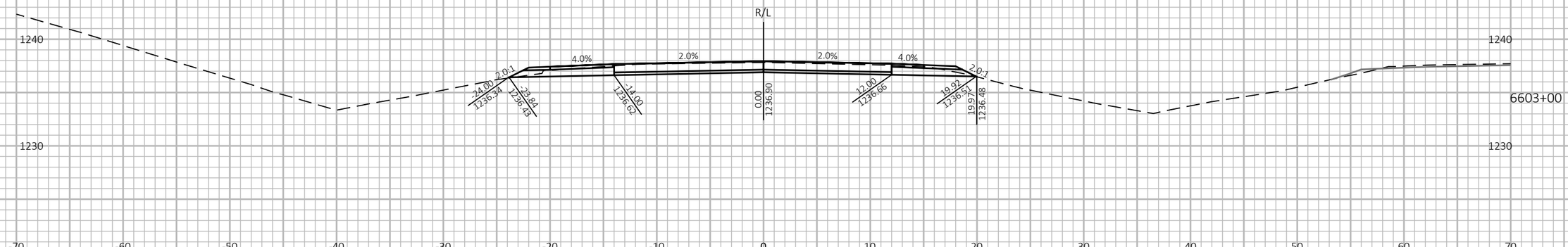
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

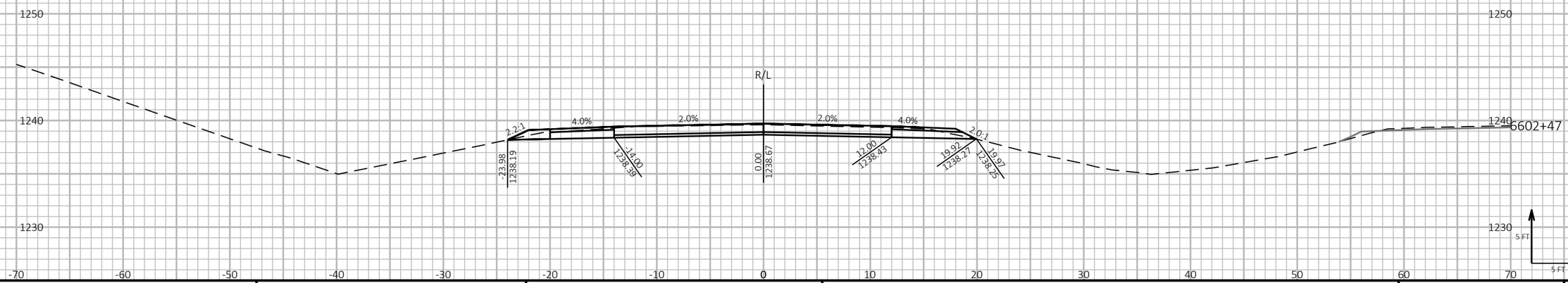
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1005	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 25

PLOT DATE : 10/4/2022 11:53 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

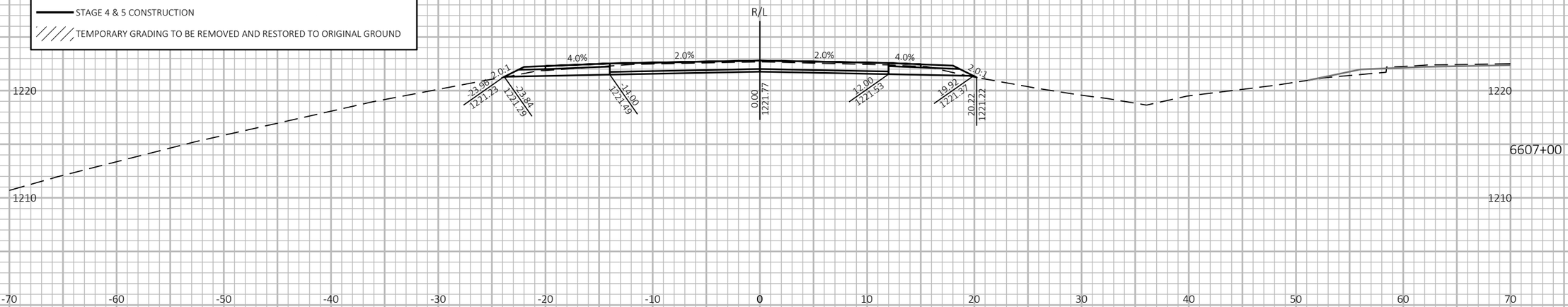
EXISTING GROUND

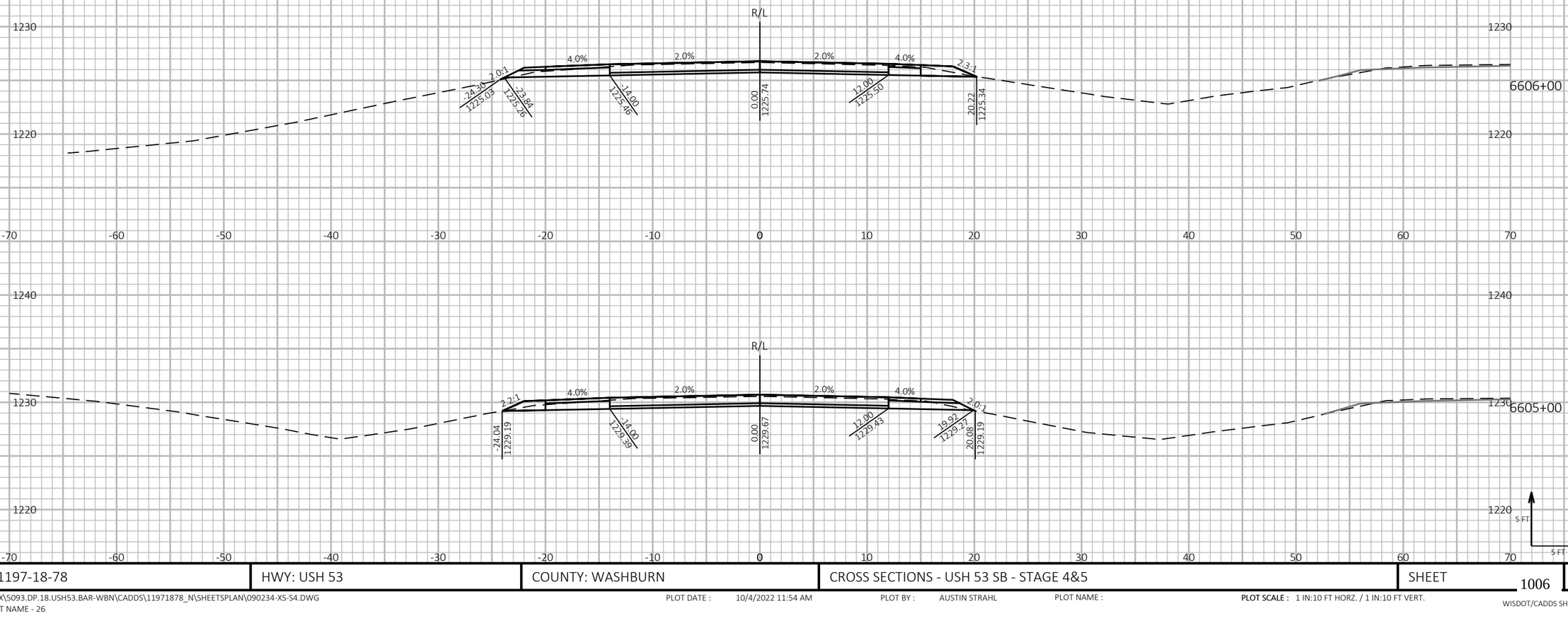
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1006	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 26

PLOT DATE : 10/4/2022 11:54 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

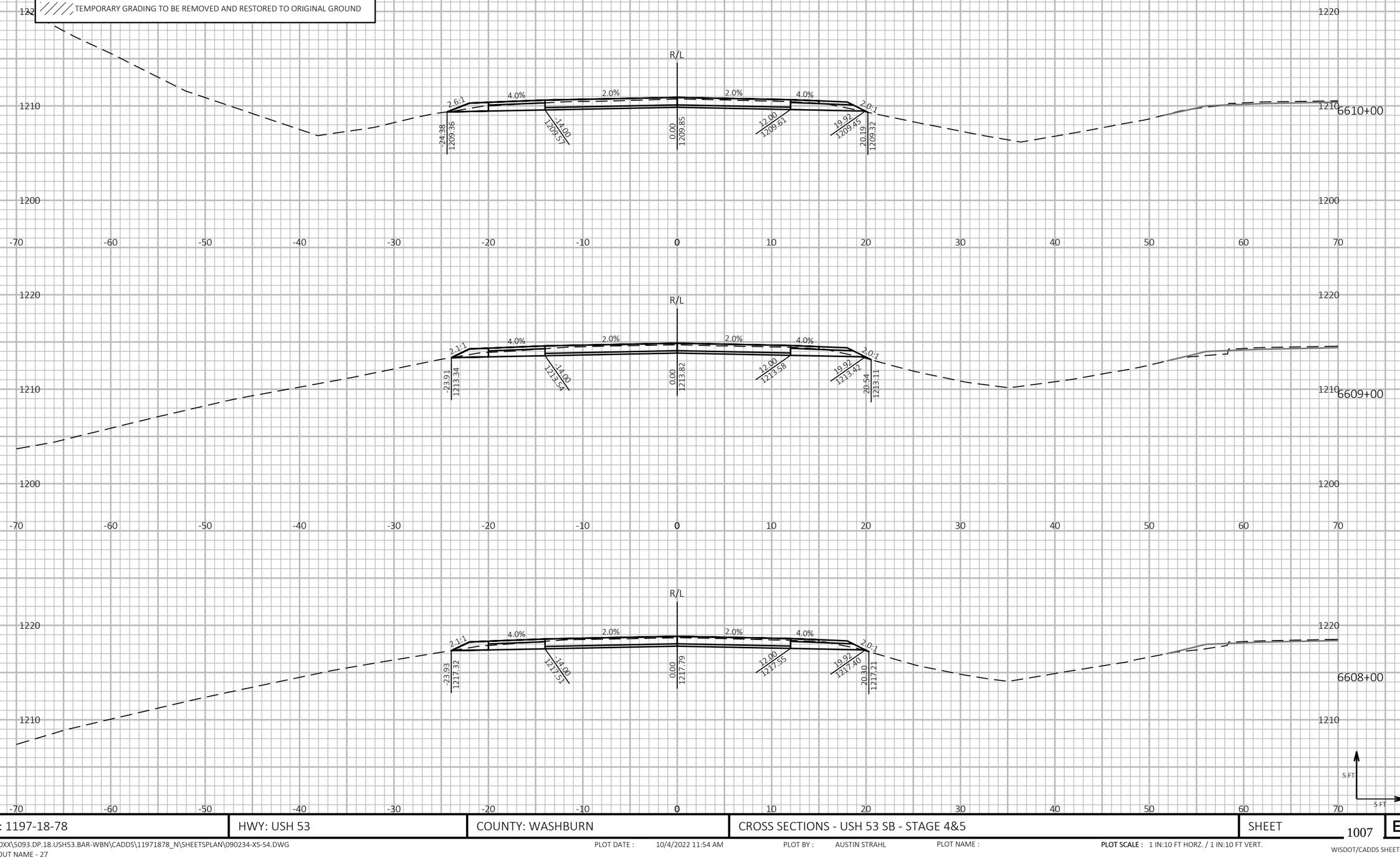
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1007	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 27

PLOT DATE : 10/4/2022 11:54 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

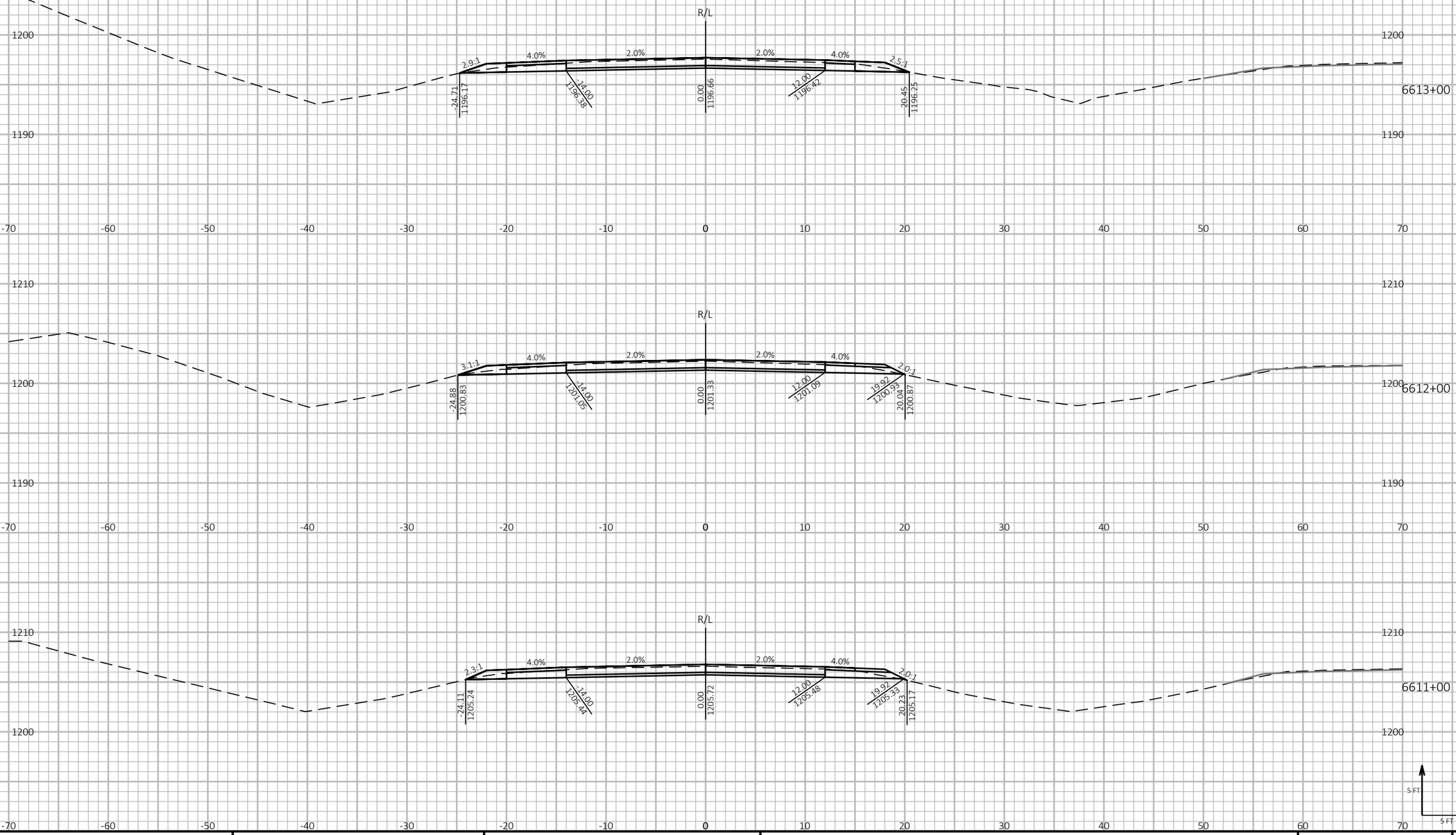
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1008	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 28

PLOT DATE : 10/4/2022 11:54 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

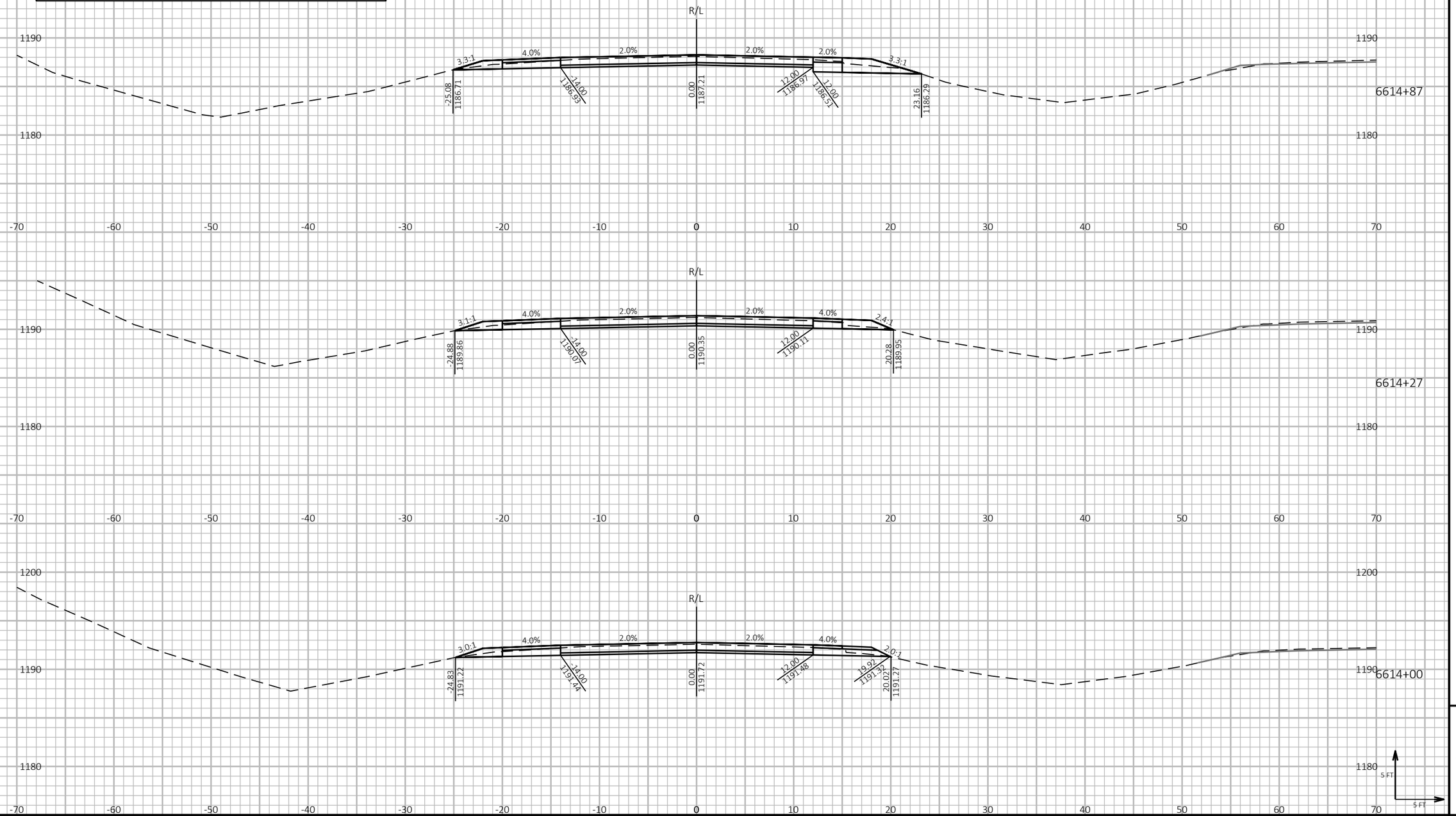
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1009	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 29

PLOT DATE : 10/4/2022 11:55 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

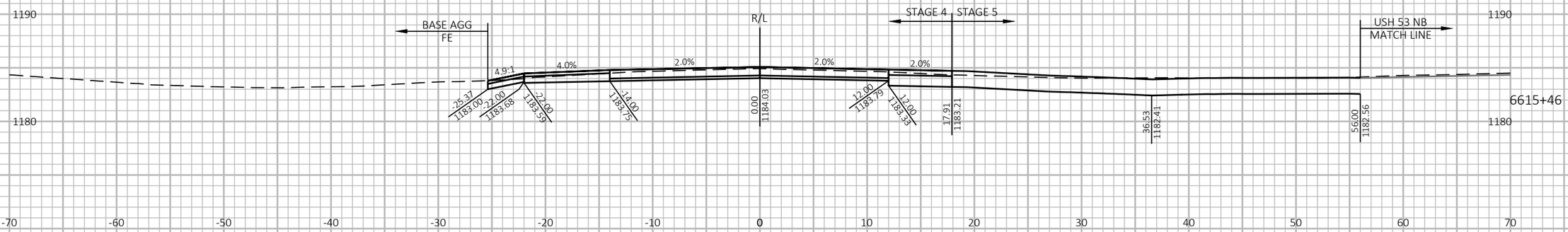
EXISTING GROUND

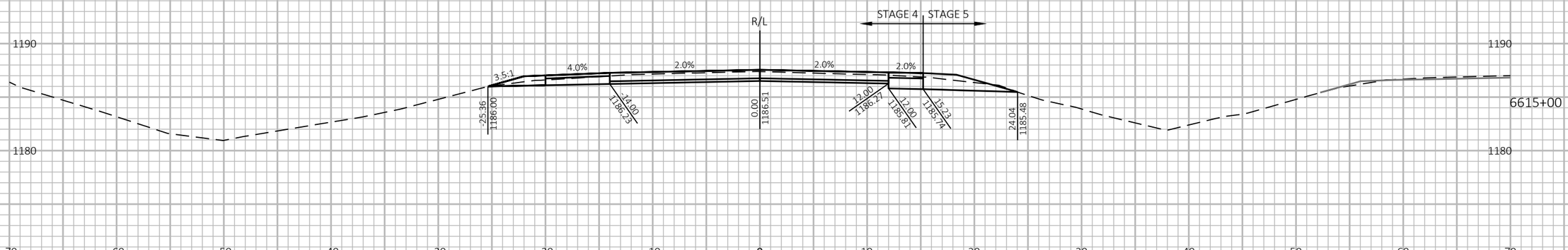
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

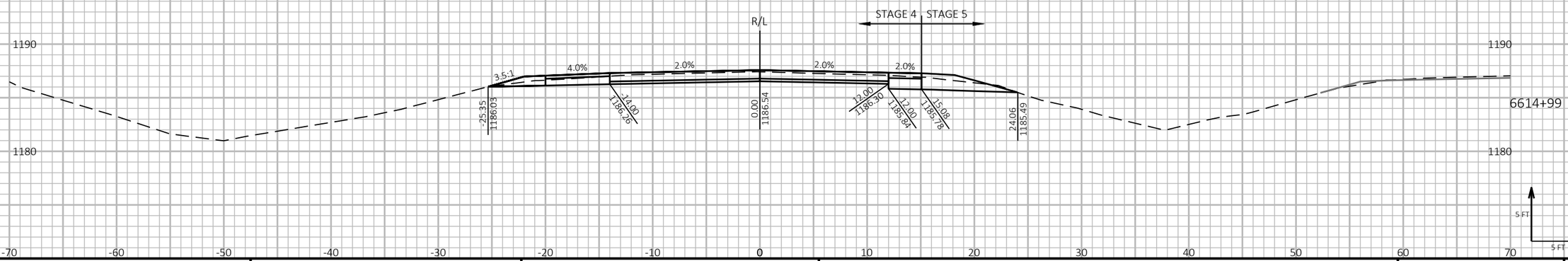
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1010	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 30

PLOT DATE : 10/4/2022 11:55 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

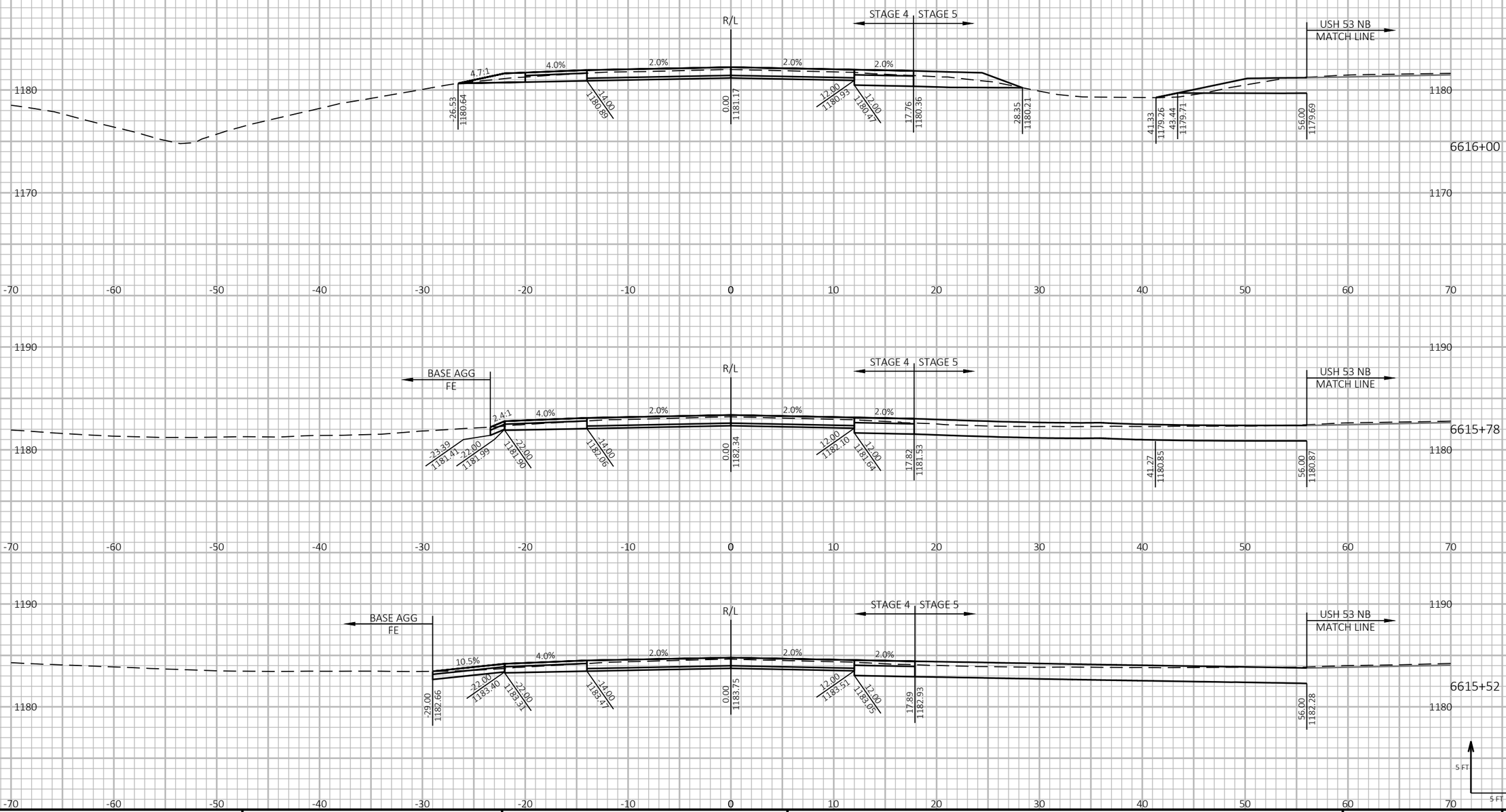
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1011	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 31

PLOT DATE : 10/4/2022 11:55 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

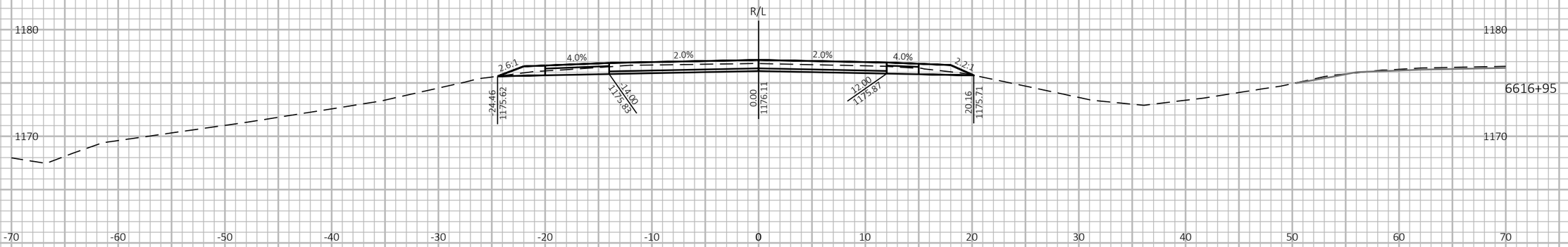
EXISTING GROUND

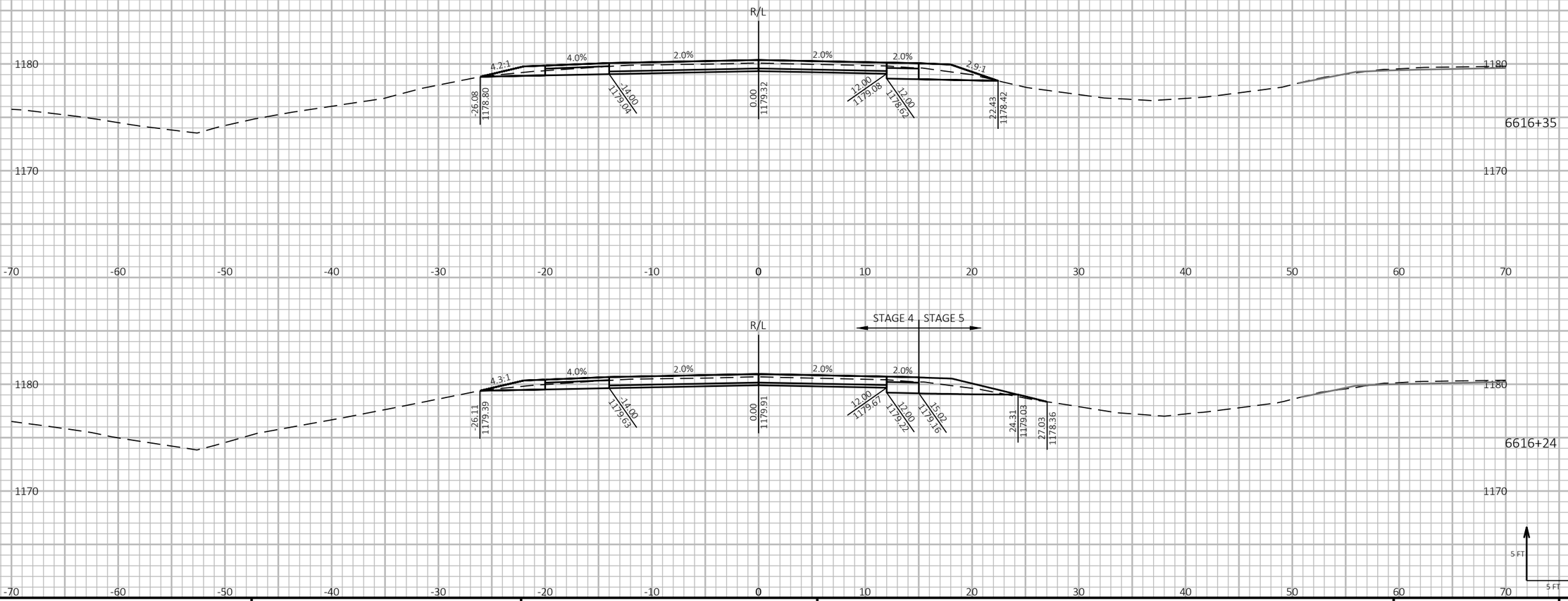
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

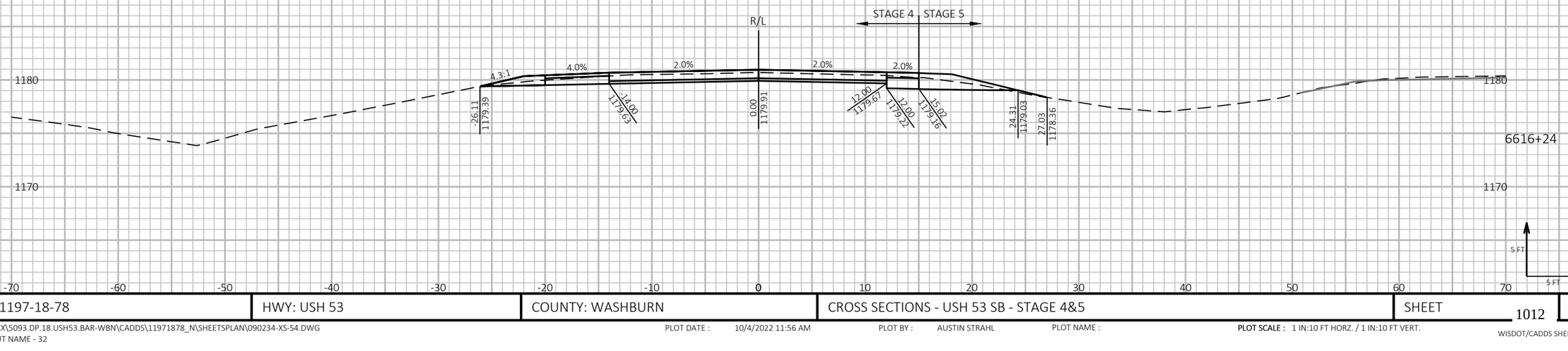
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

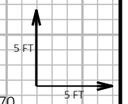
STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND









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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1012	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 32

PLOT DATE : 10/4/2022 11:56 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

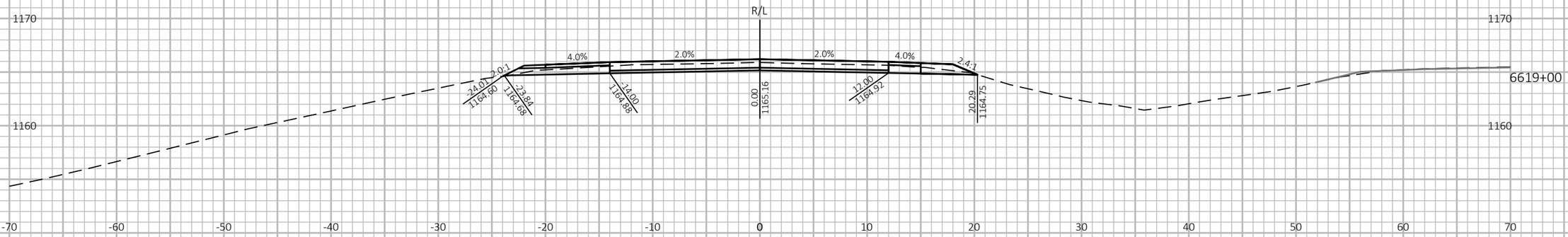
EXISTING GROUND

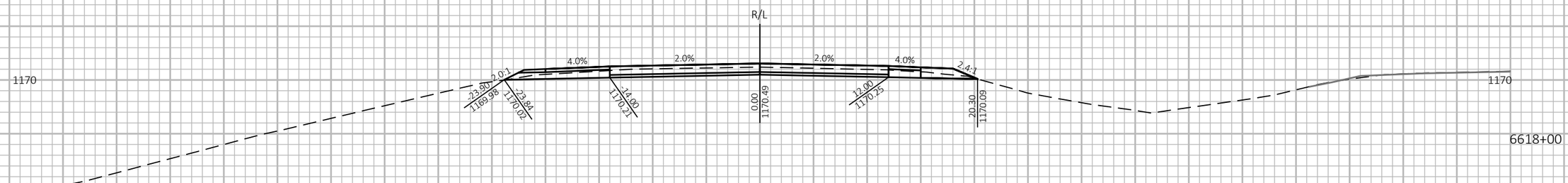
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

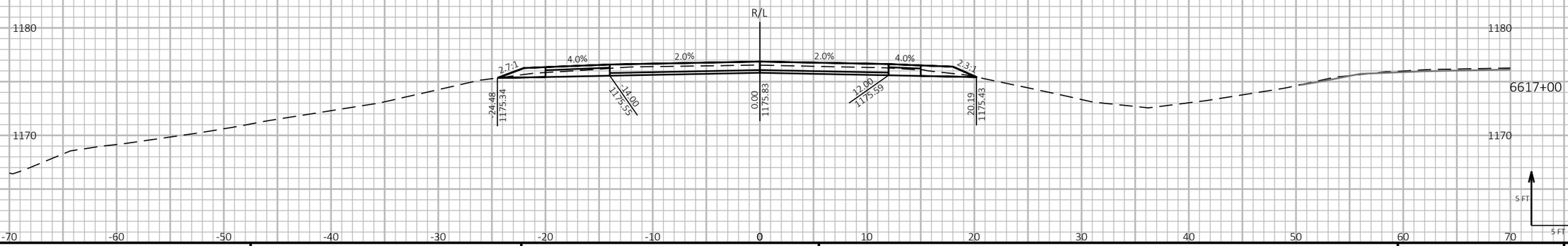
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1013	E

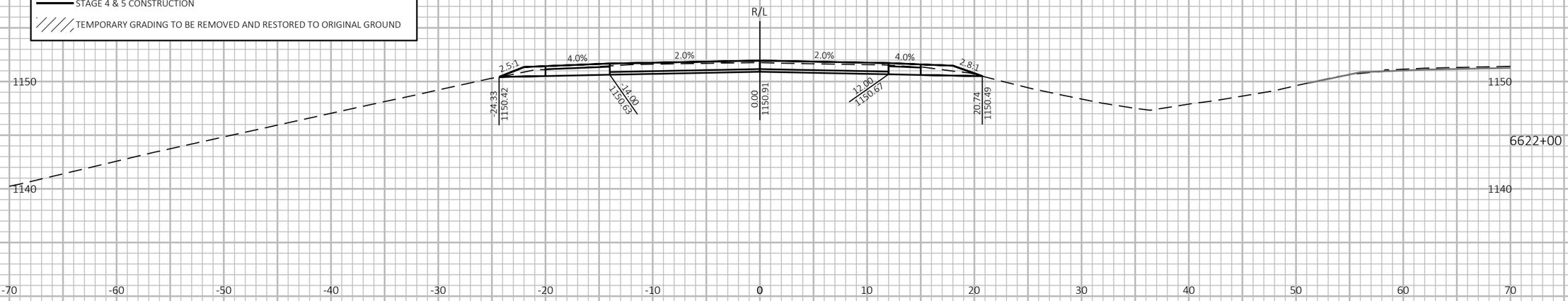
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 33

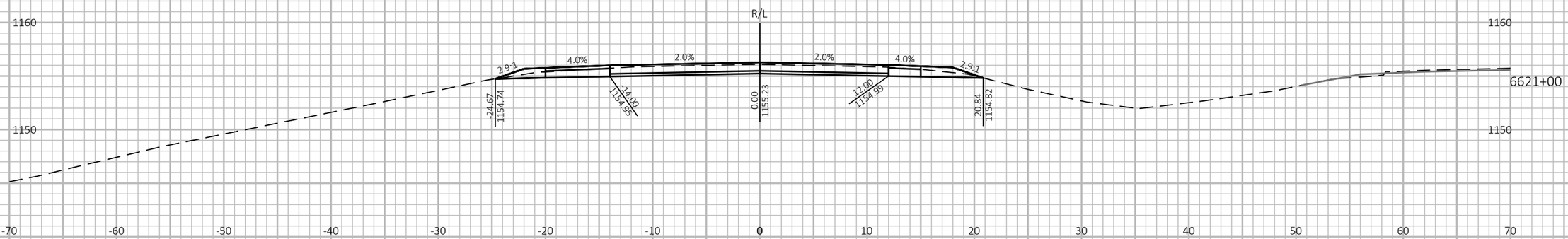
PLOT DATE : 10/4/2022 11:56 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

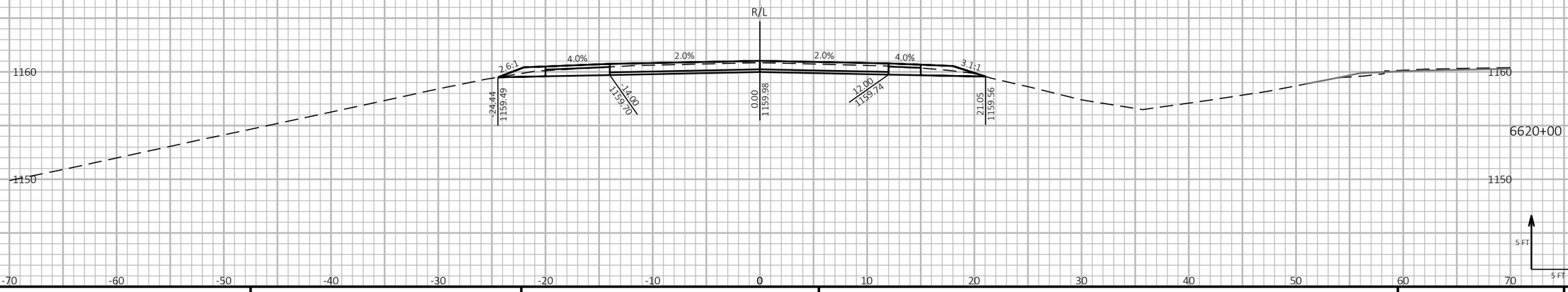
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1014 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 34

PLOT DATE : 10/4/2022 11:56 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

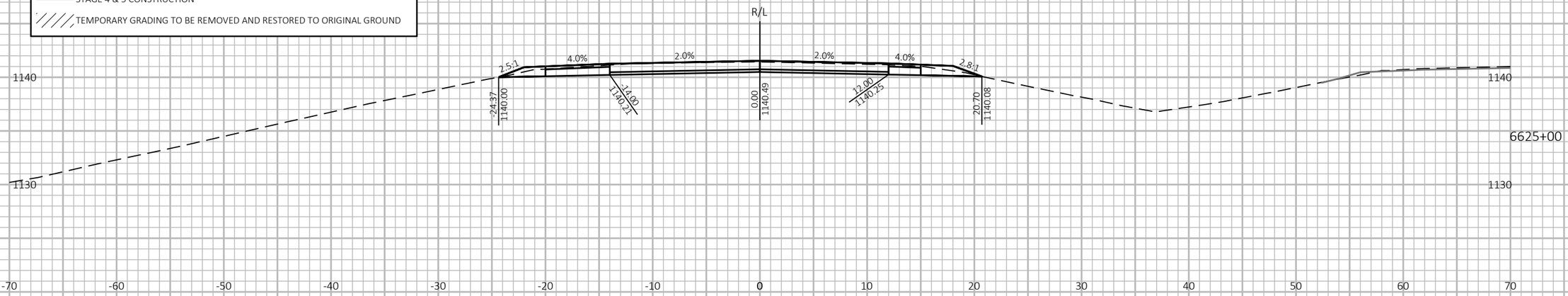
EXISTING GROUND

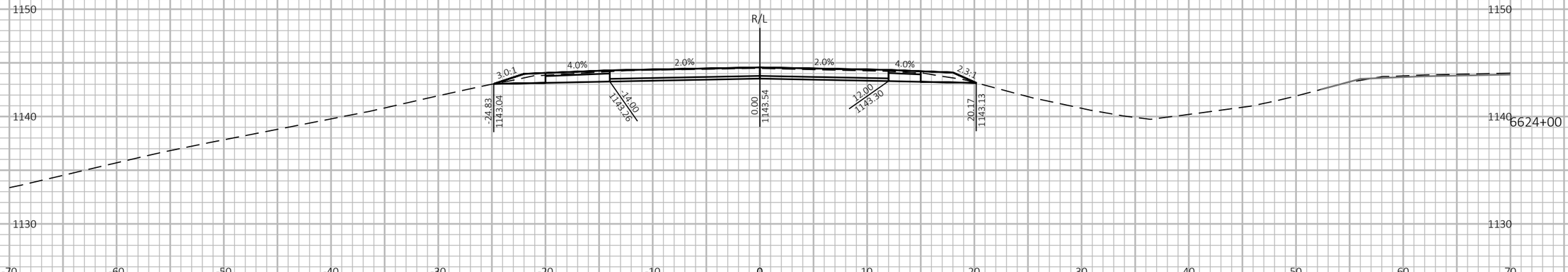
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

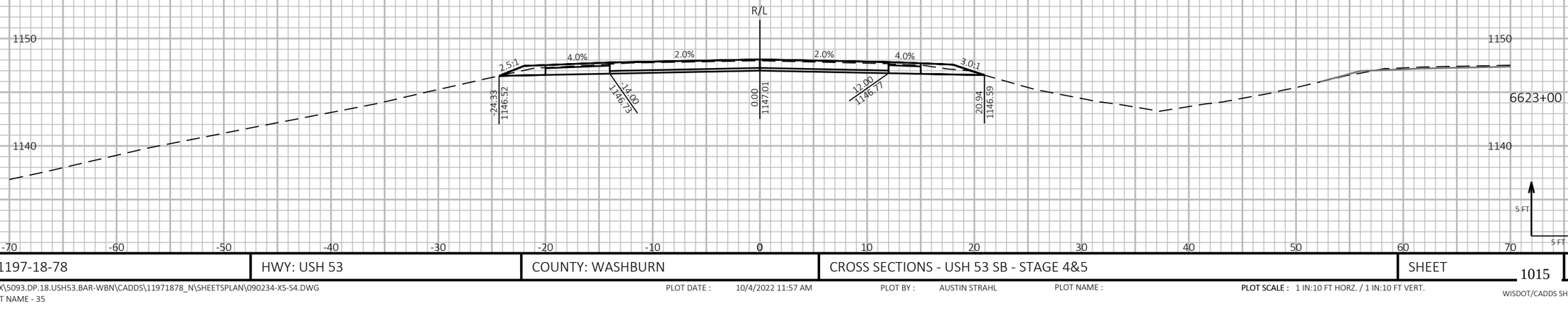
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1015	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 35

PLOT DATE : 10/4/2022 11:57 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

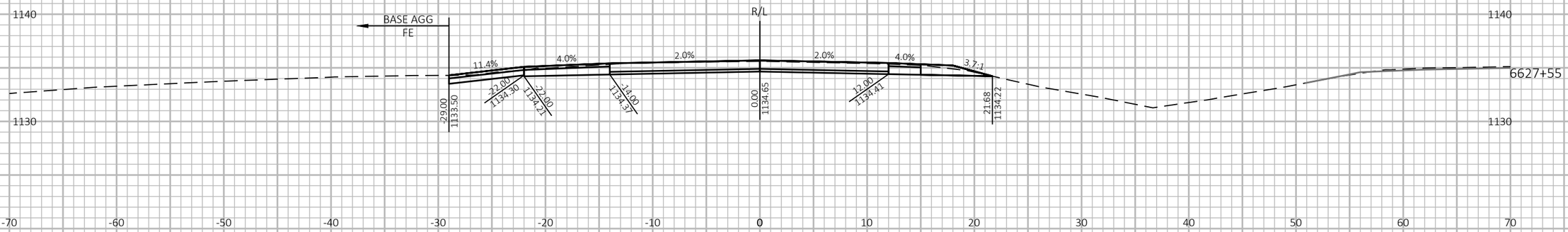
EXISTING GROUND

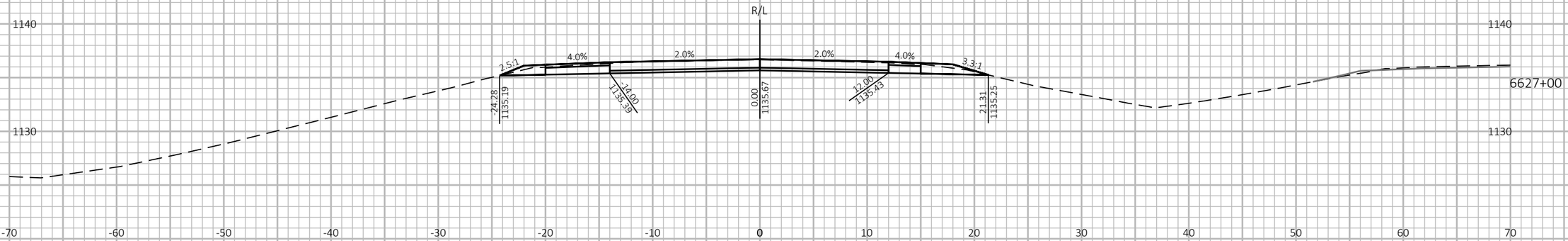
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

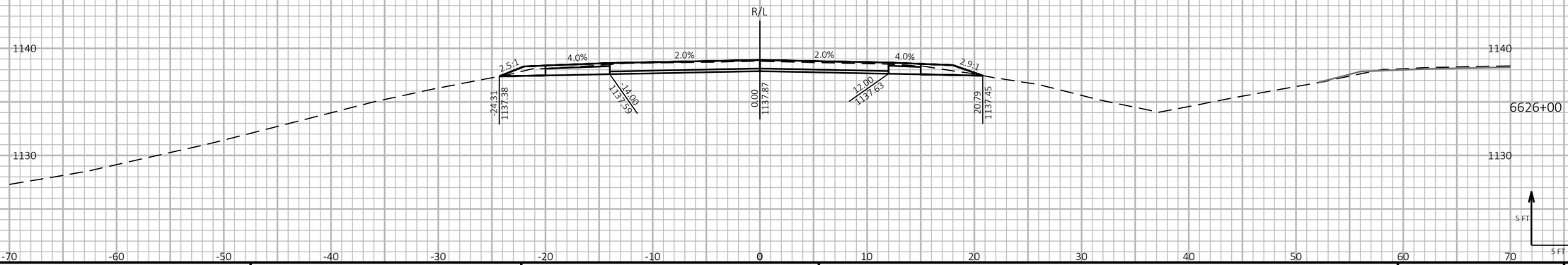
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1016	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 36

PLOT DATE : 10/4/2022 11:57 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

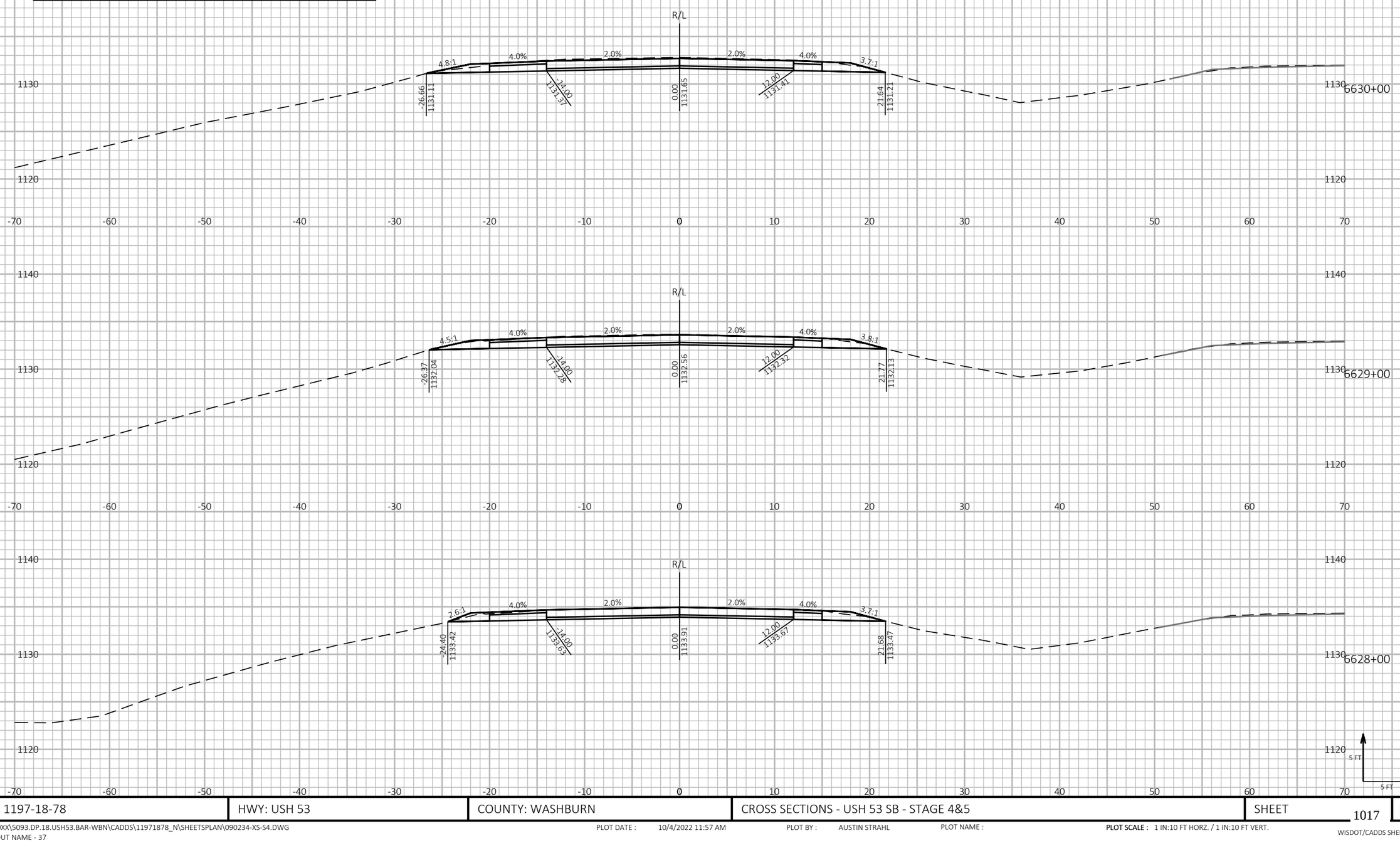
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1017	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 37

PLOT DATE : 10/4/2022 11:57 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

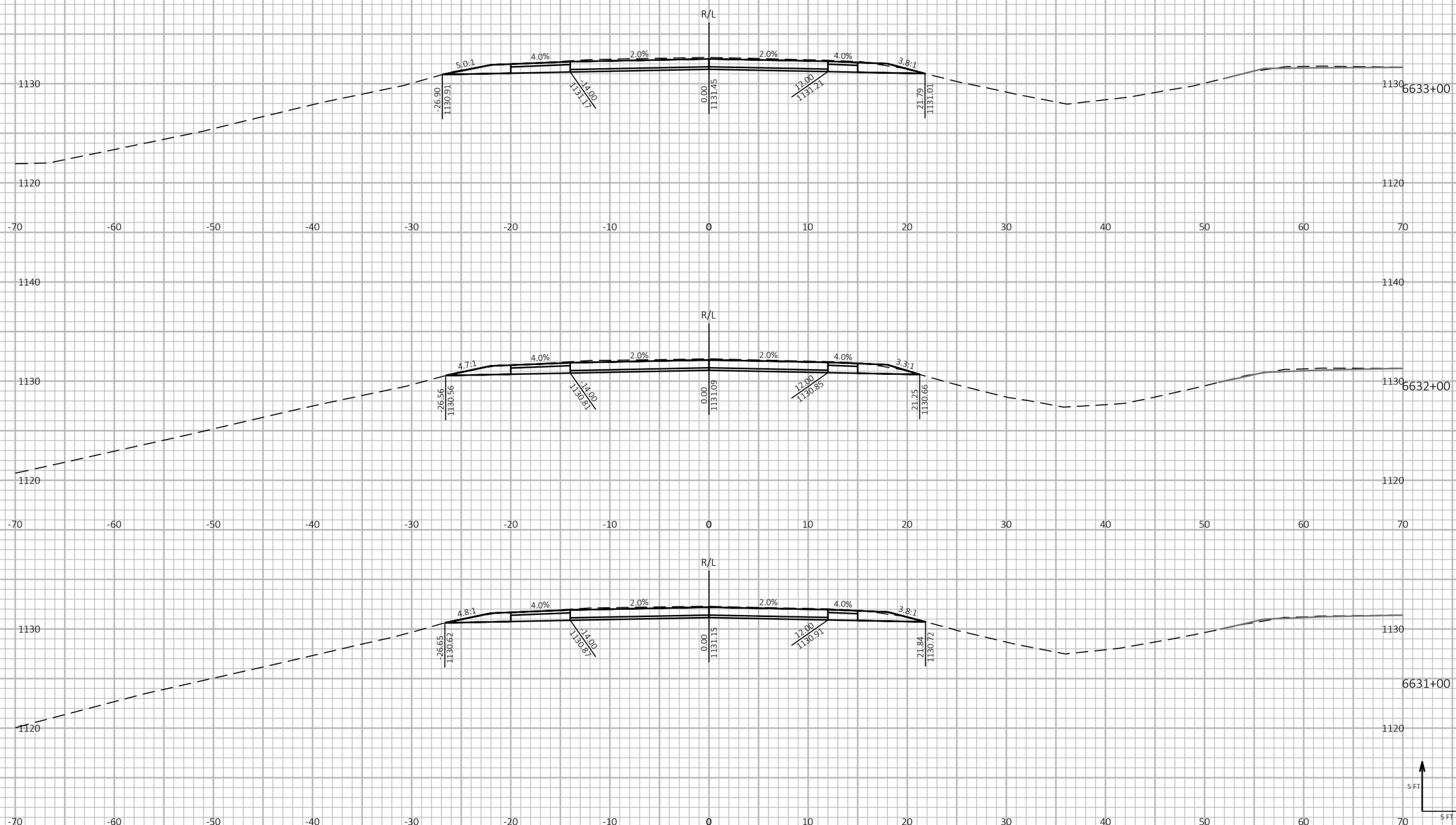
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1018	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 38

PLOT DATE : 10/4/2022 11:58 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1019	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 39

PLOT DATE : 10/4/2022 11:58 AM

PLOT BY : AUSTIN STRAHL

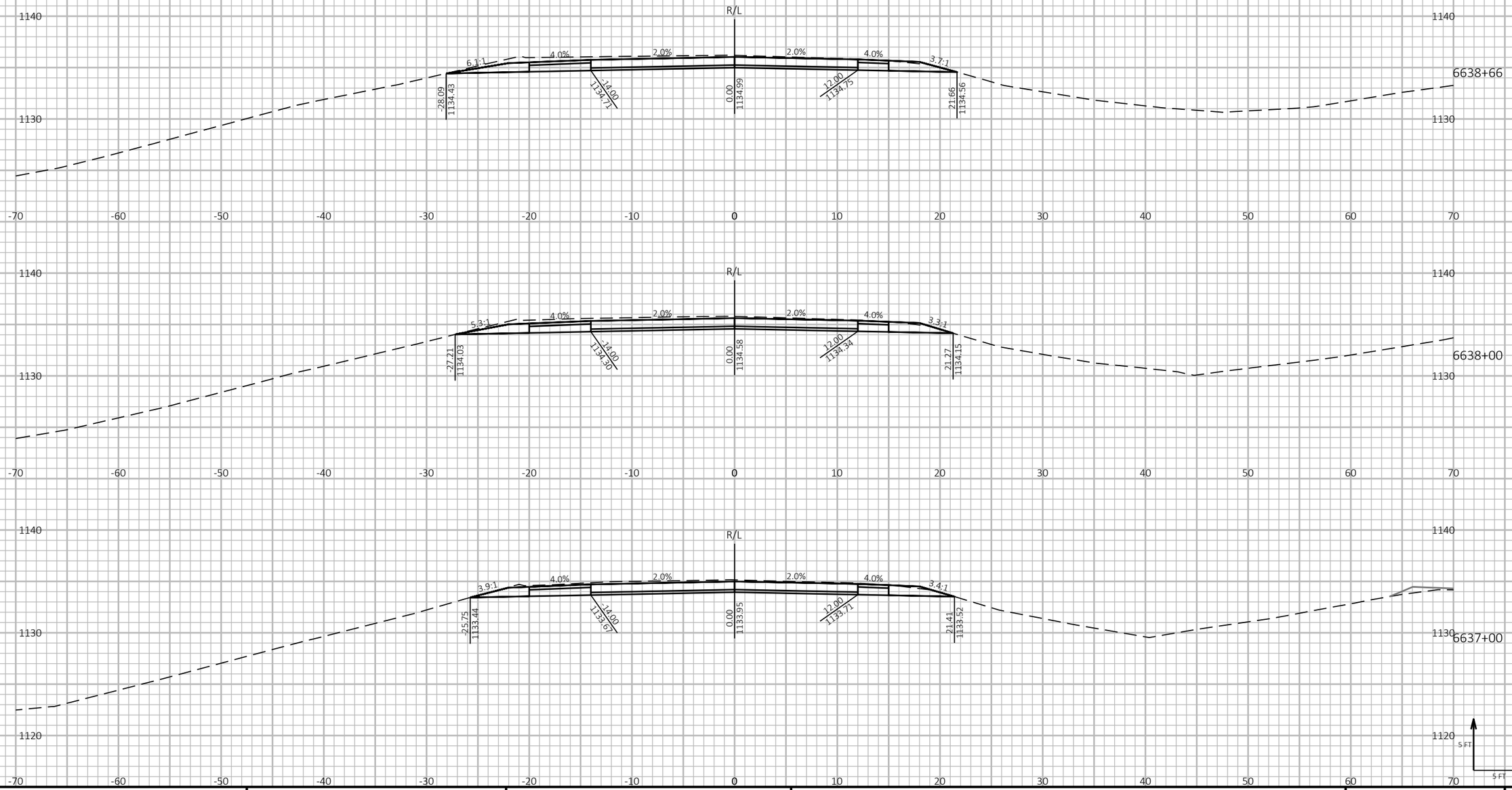
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1020 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 40

PLOT DATE : 10/4/2022 11:58 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

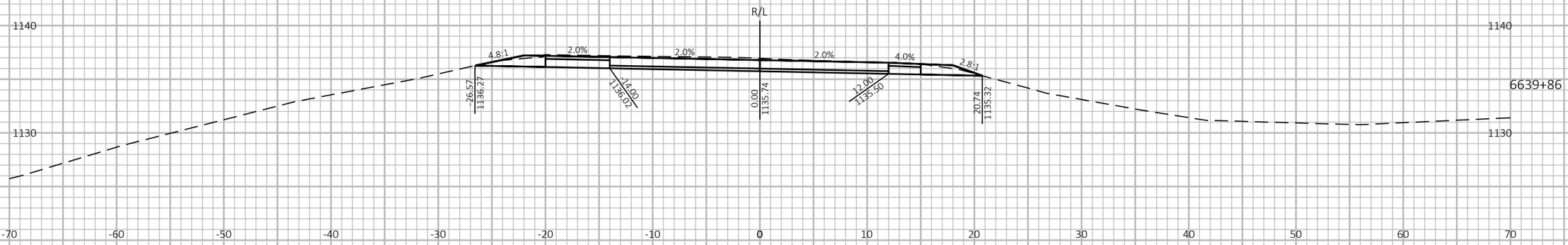
EXISTING GROUND

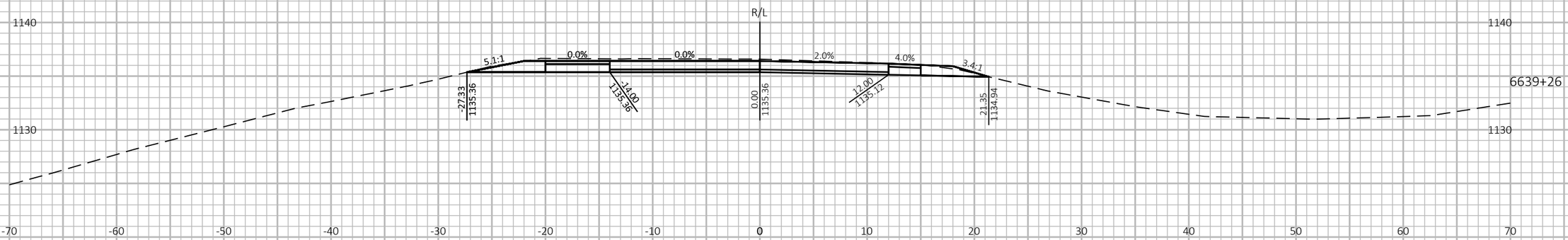
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1021	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 41

PLOT DATE : 10/4/2022 11:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

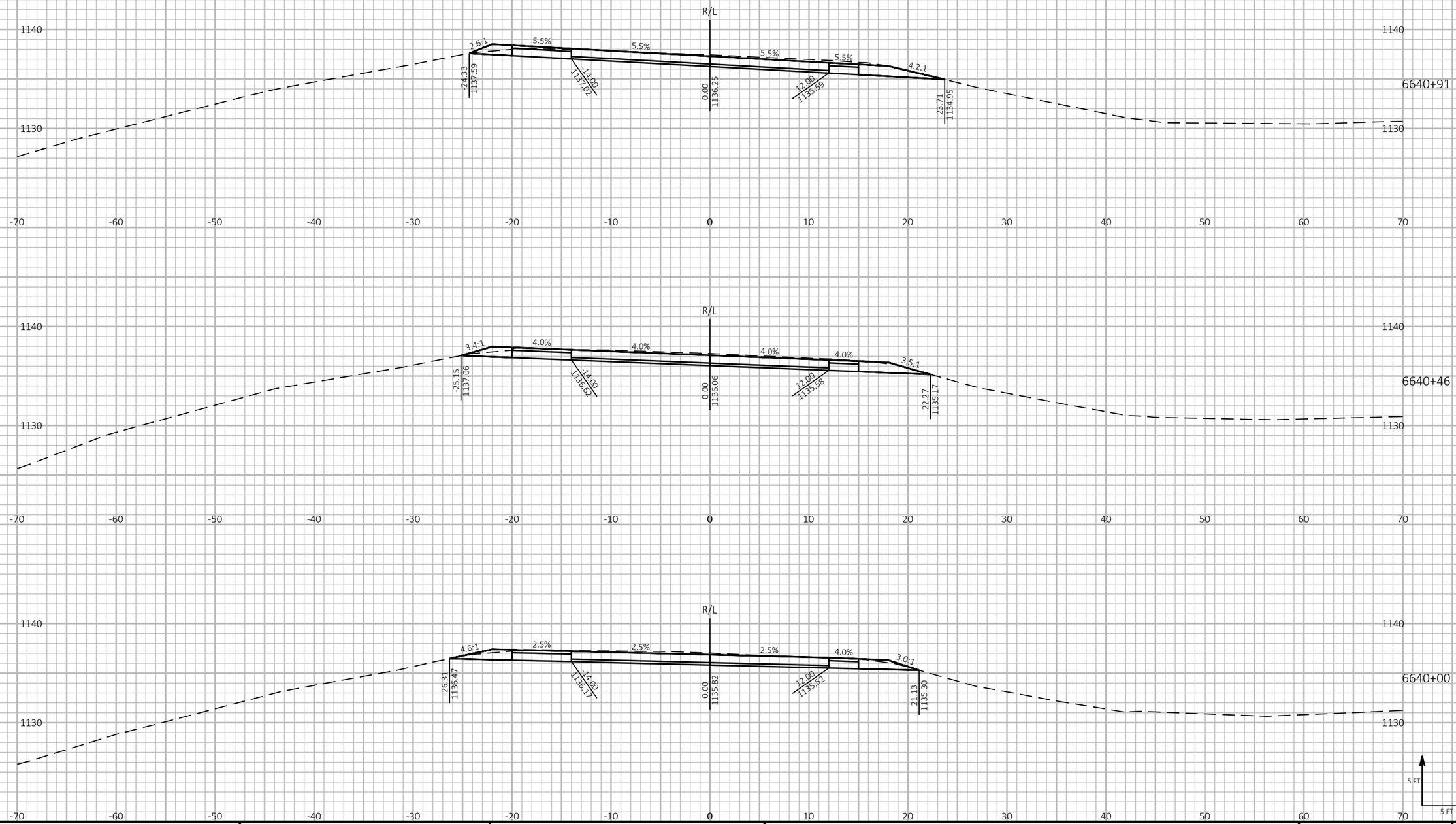
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1022	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 42

PLOT DATE : 10/4/2022 11:59 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

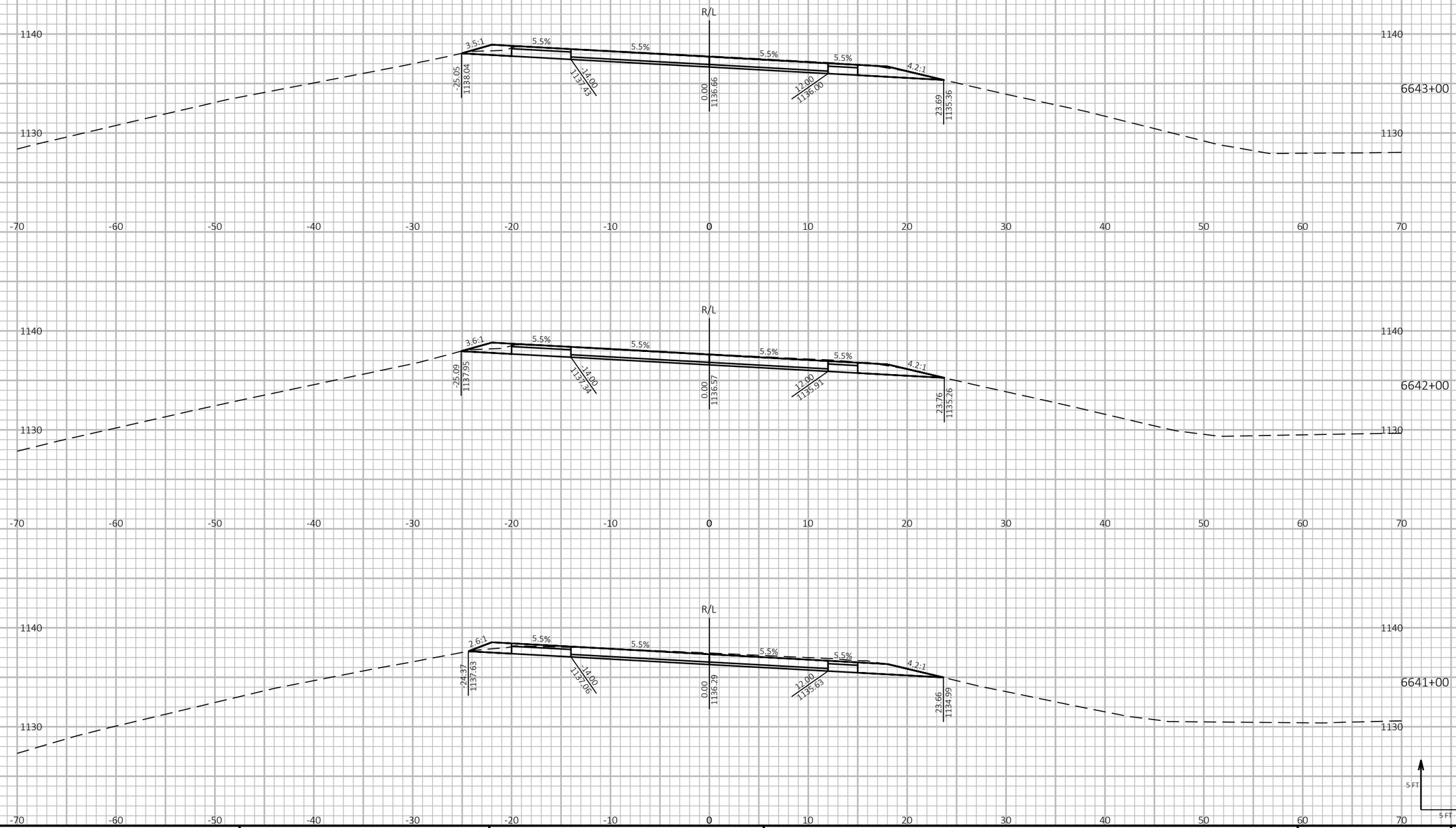
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1023	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 43

PLOT DATE : 10/4/2022 11:59 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

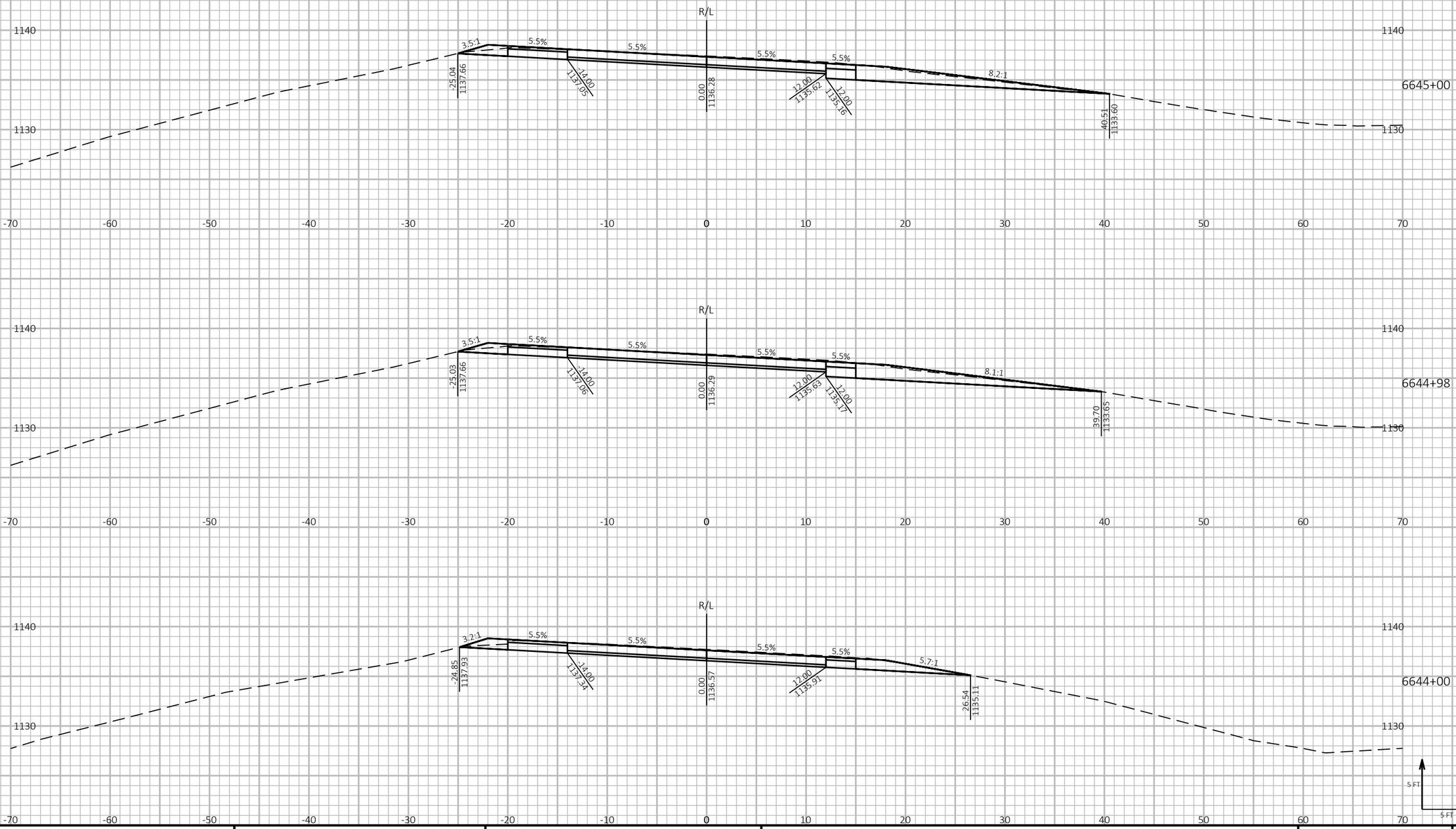
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1024	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 44

PLOT DATE : 10/4/2022 12:00 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

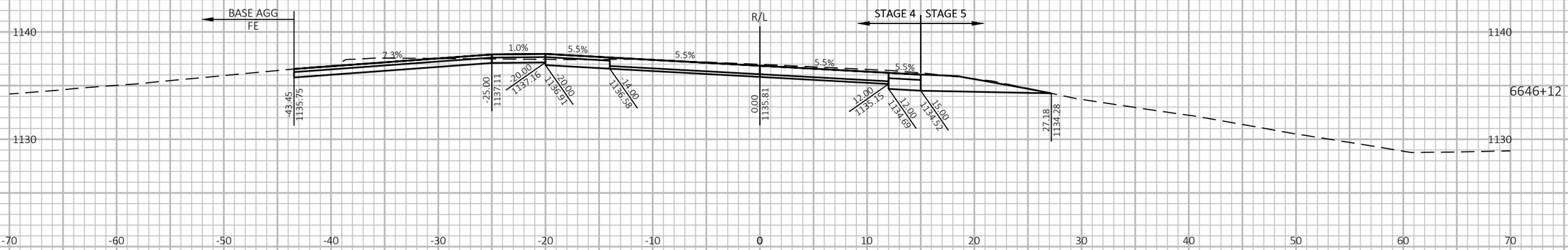
EXISTING GROUND

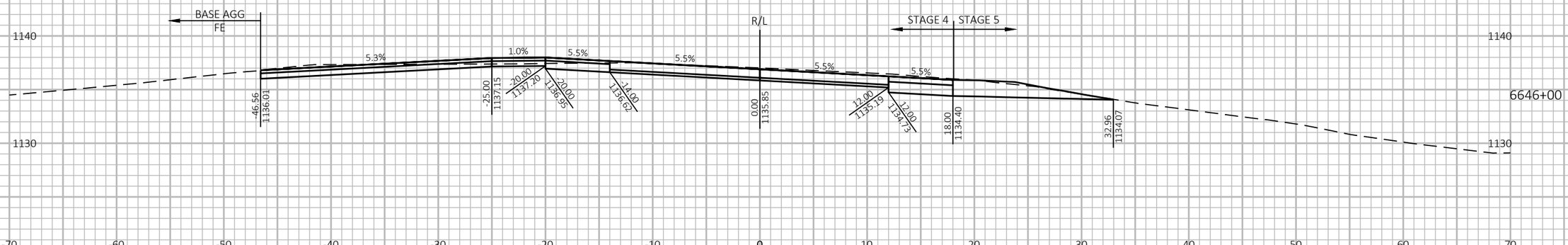
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1025	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 45

PLOT DATE : 10/4/2022 12:00 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

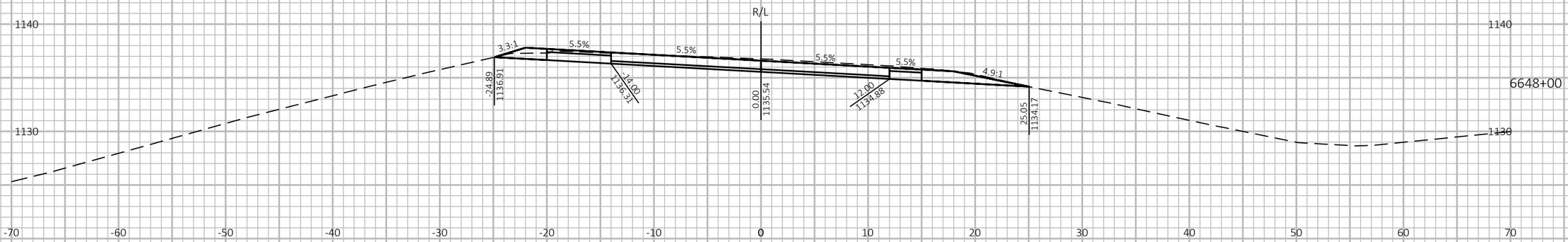
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

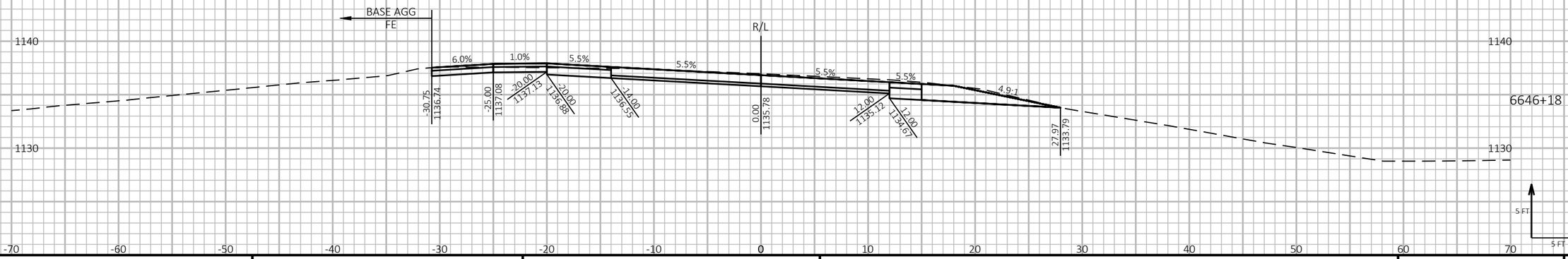
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1026	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 46

PLOT DATE : 10/4/2022 12:00 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1027	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 47

PLOT DATE : 10/4/2022 12:01 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

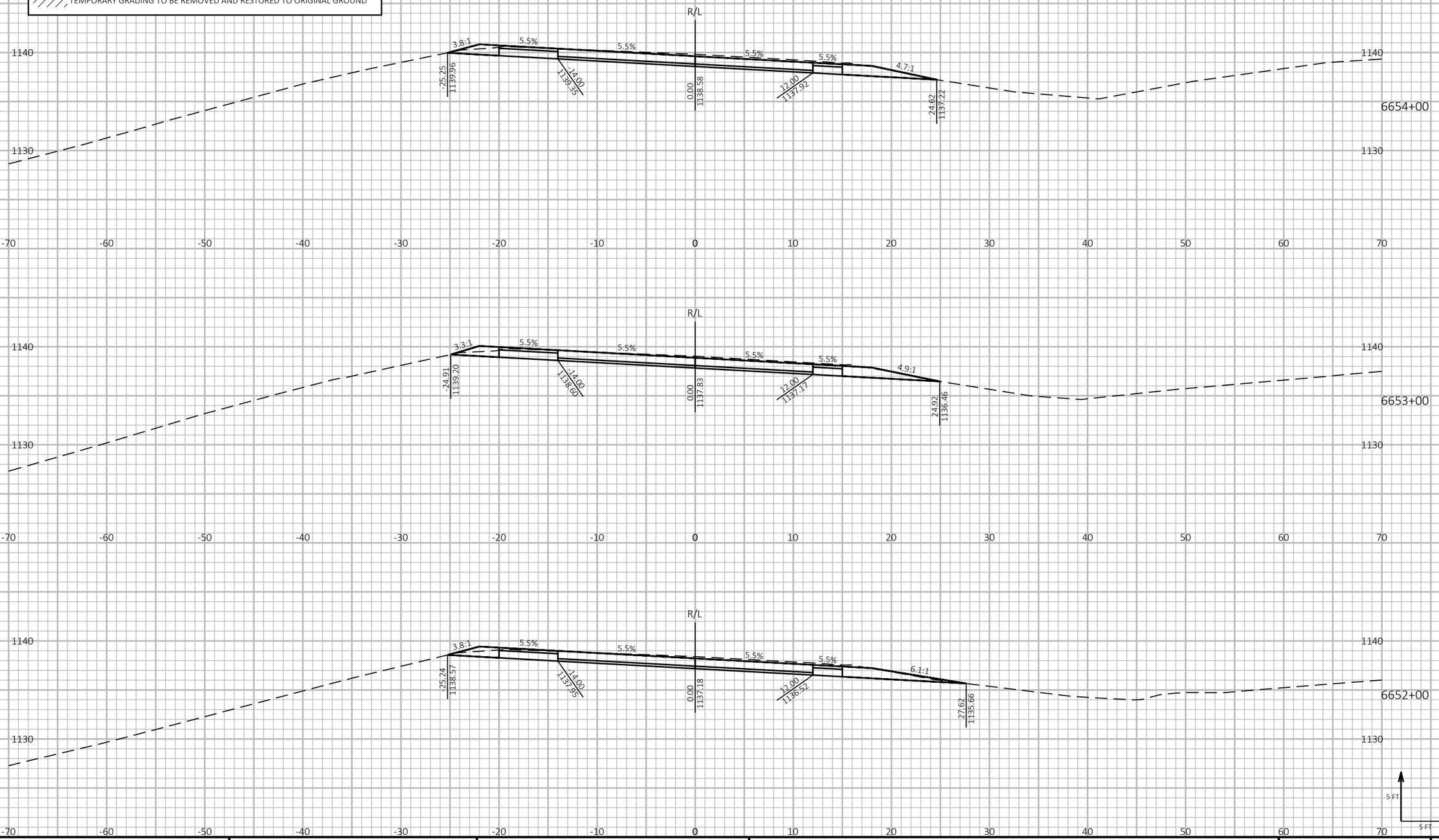
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1028 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 48

PLOT DATE : 10/4/2022 12:01 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

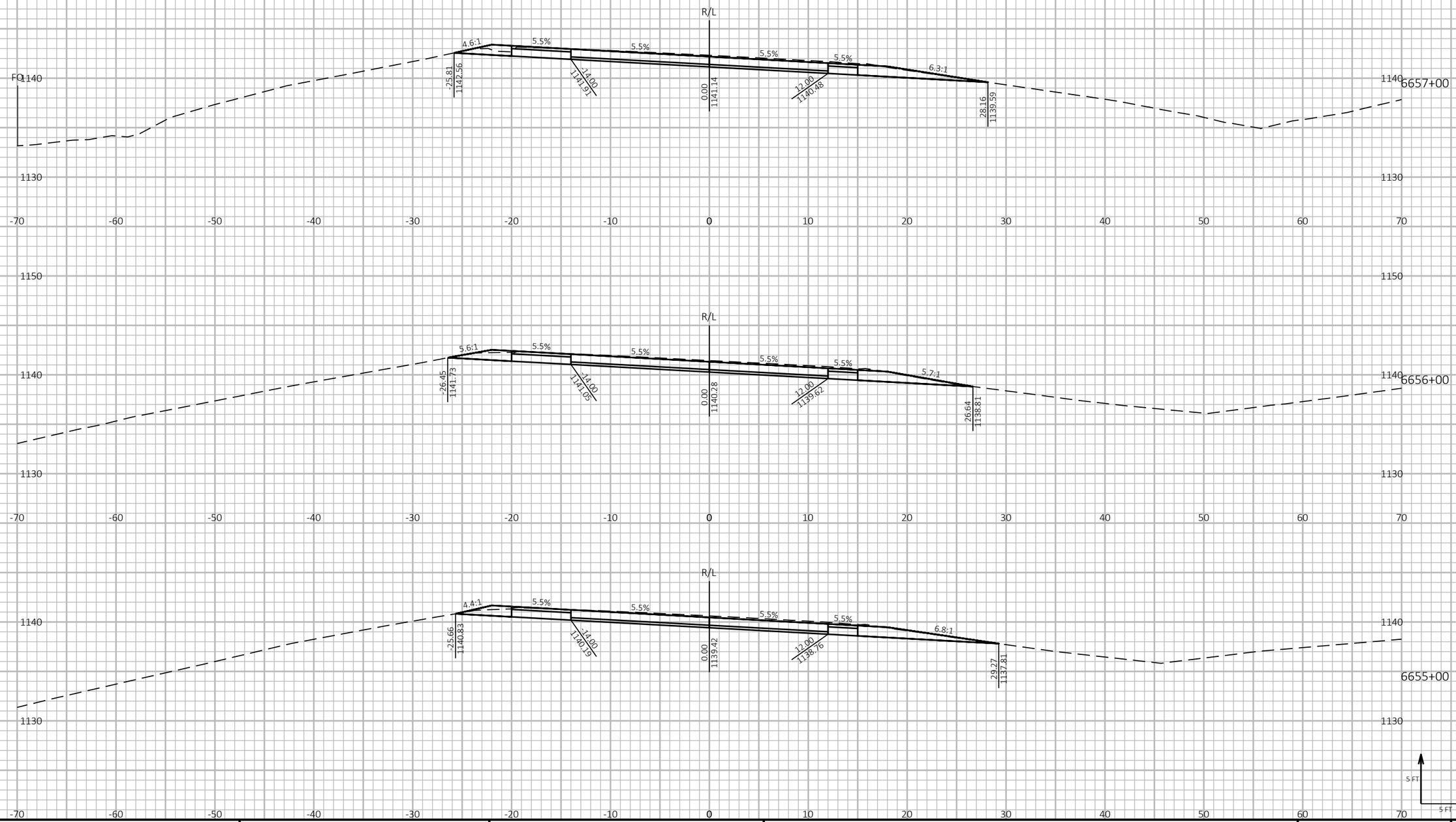
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1029 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 49

PLOT DATE : 10/4/2022 12:01 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

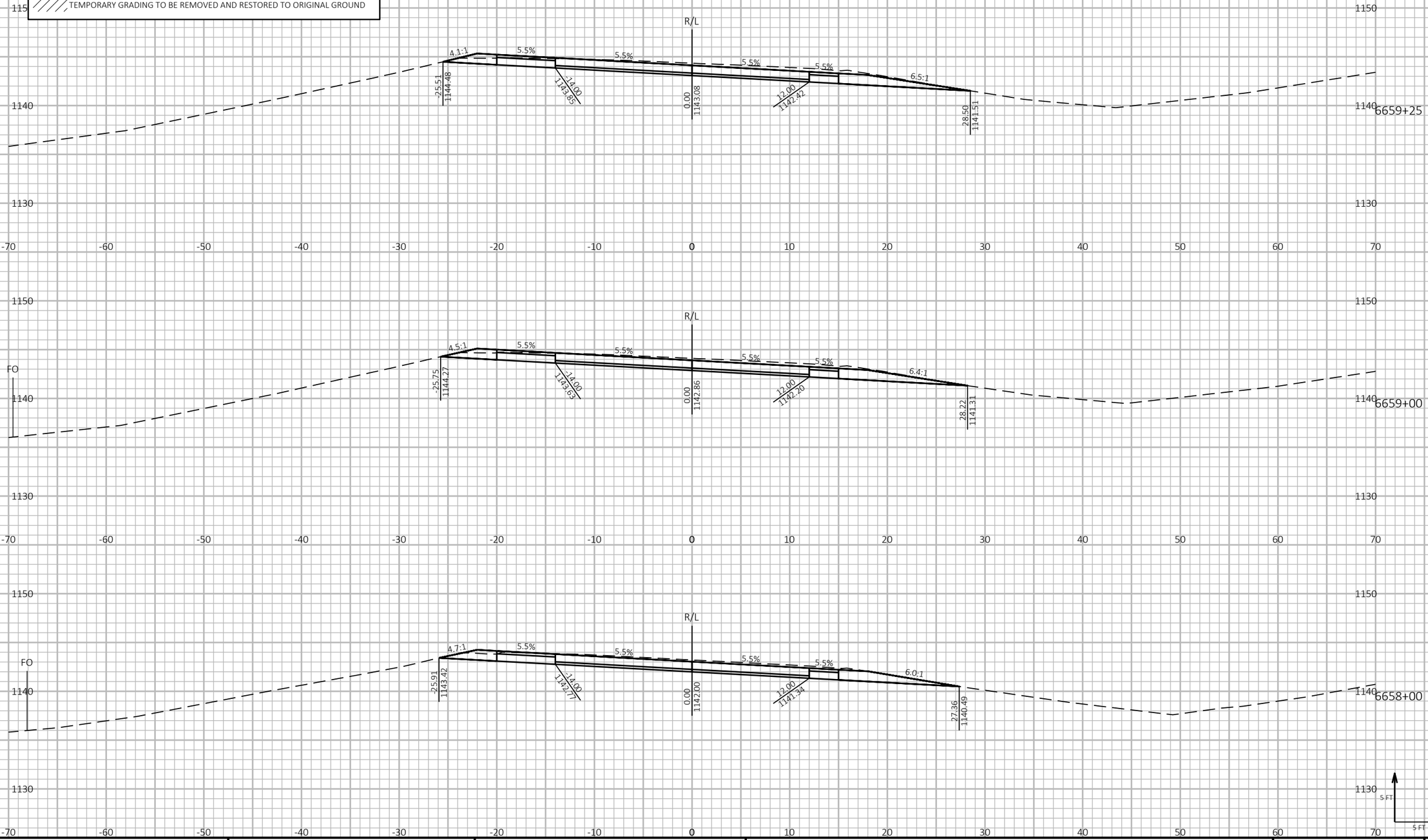
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1030	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 50

PLOT DATE : 10/4/2022 12:02 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

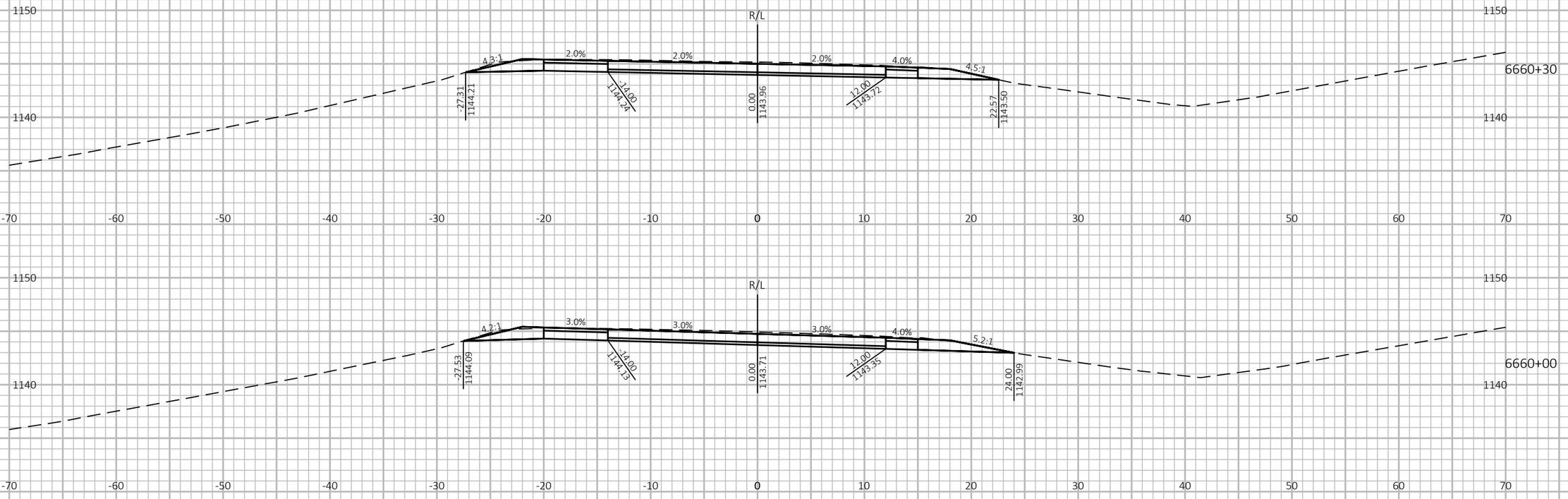
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1031	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 51

PLOT DATE : 10/4/2022 12:02 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

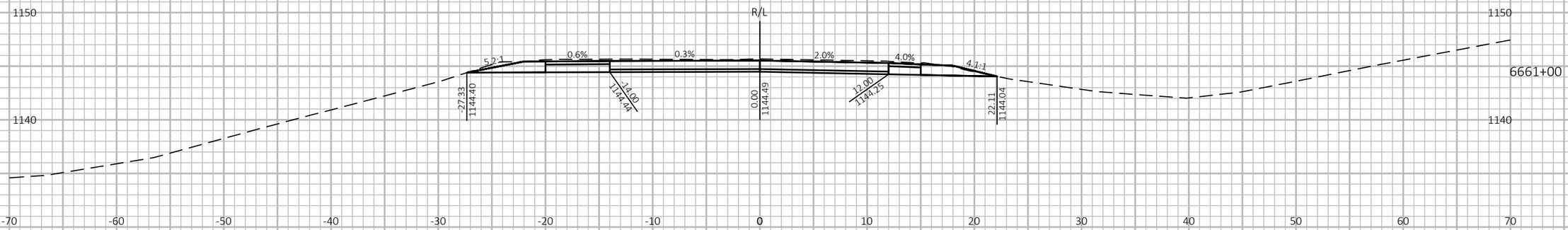
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



6661+50



6661+00



6660+90

9

9

5 FT

5 FT

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1032 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 52

PLOT DATE : 10/4/2022 12:02 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

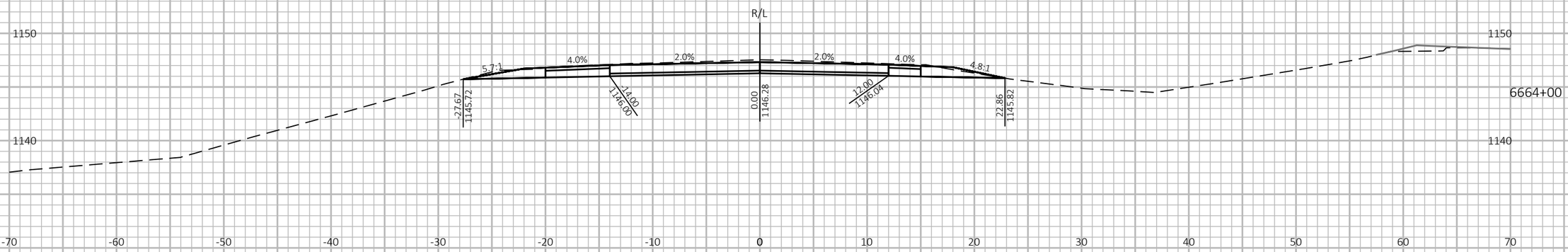
EXISTING GROUND

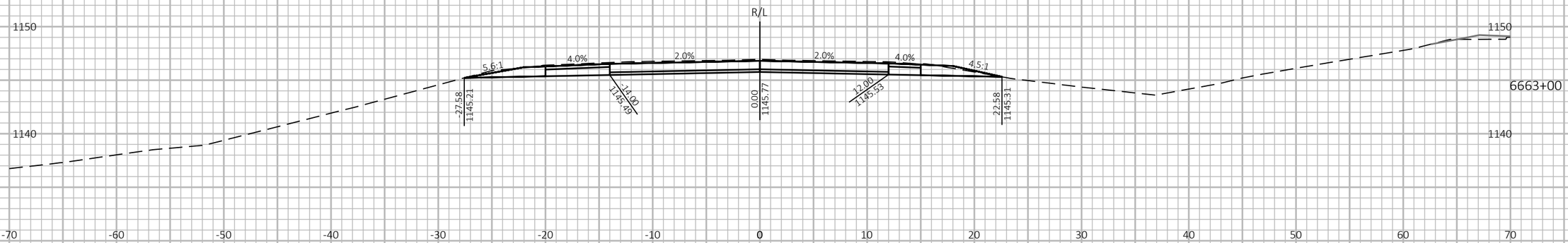
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

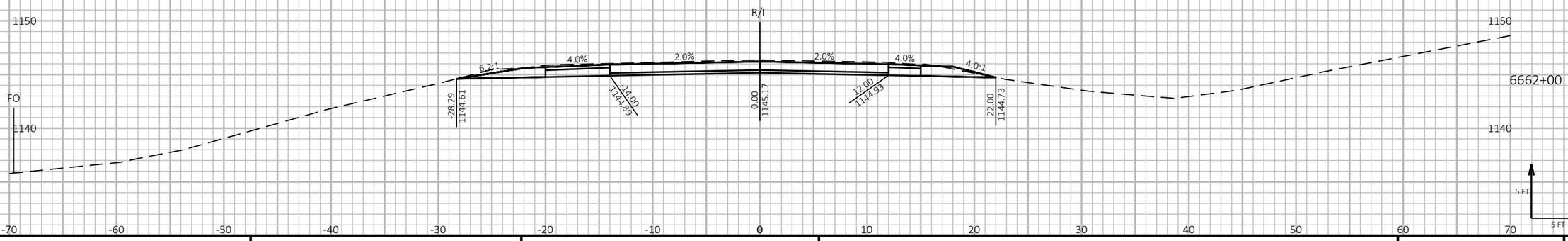
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1033	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 53

PLOT DATE : 10/4/2022 12:03 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

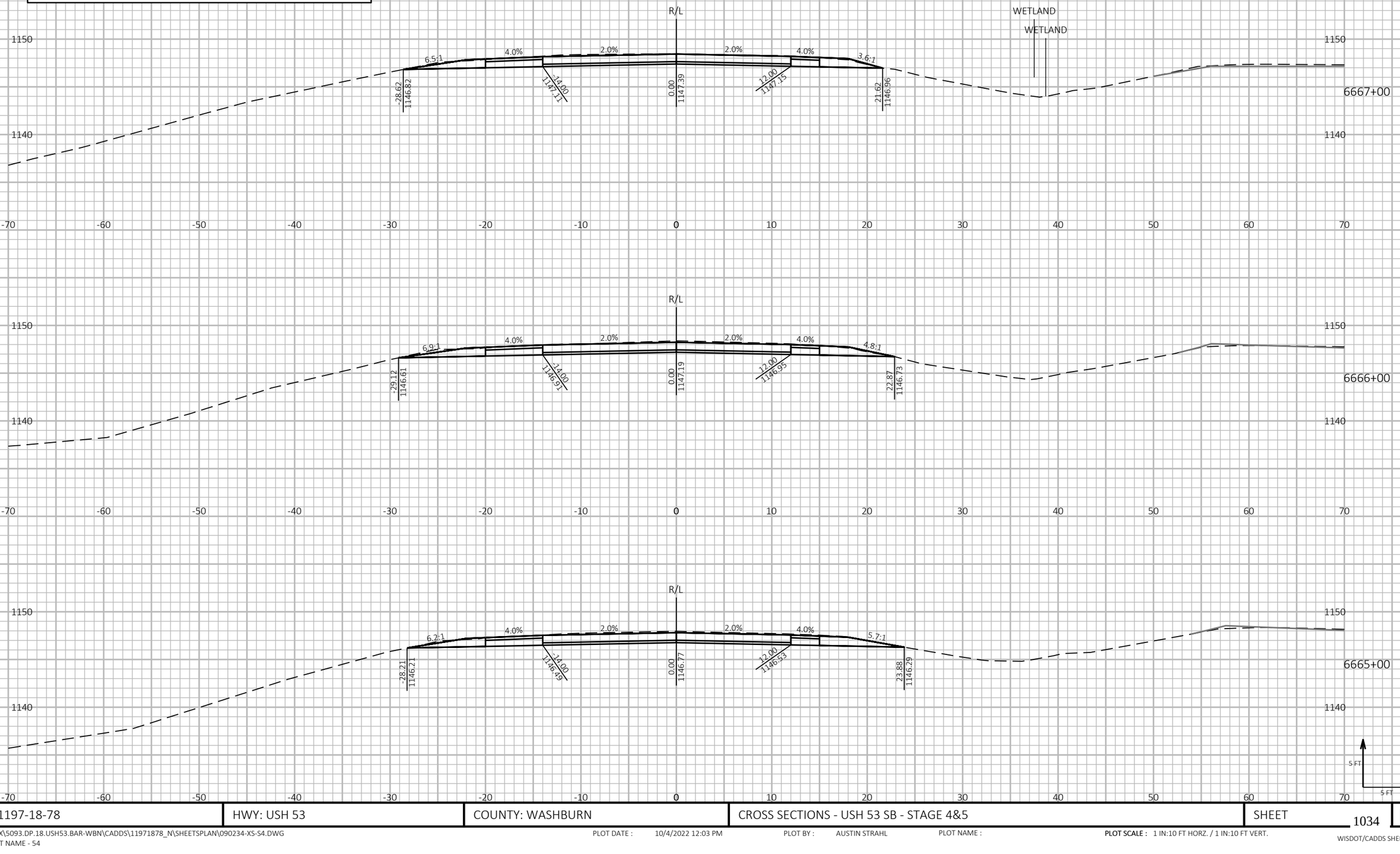
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1034 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 54

PLOT DATE : 10/4/2022 12:03 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

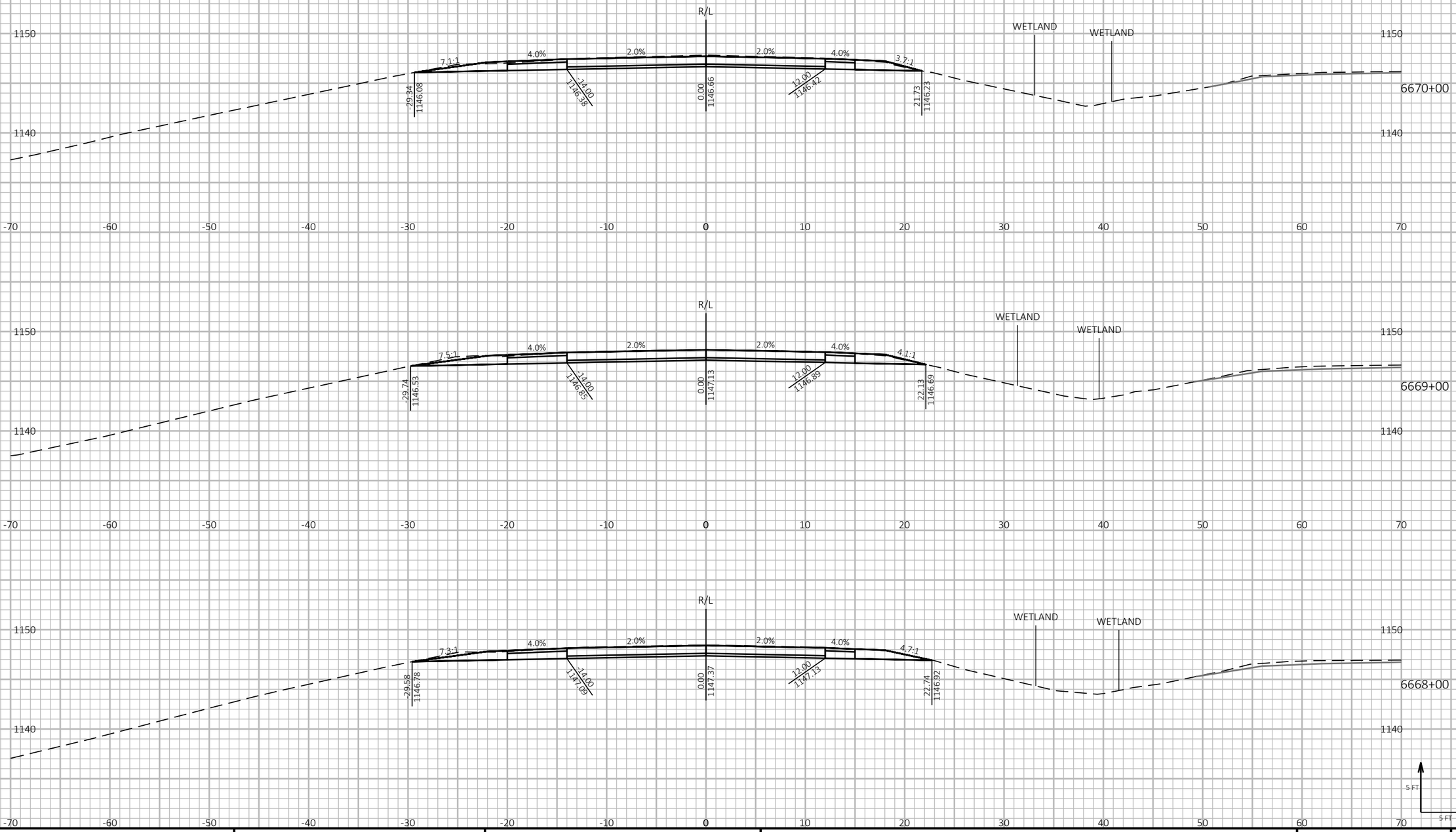
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1035	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 55

PLOT DATE : 10/4/2022 12:04 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

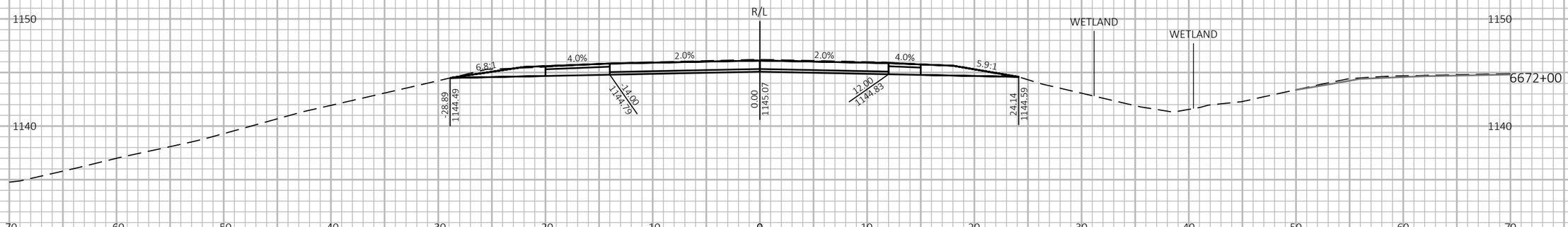
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

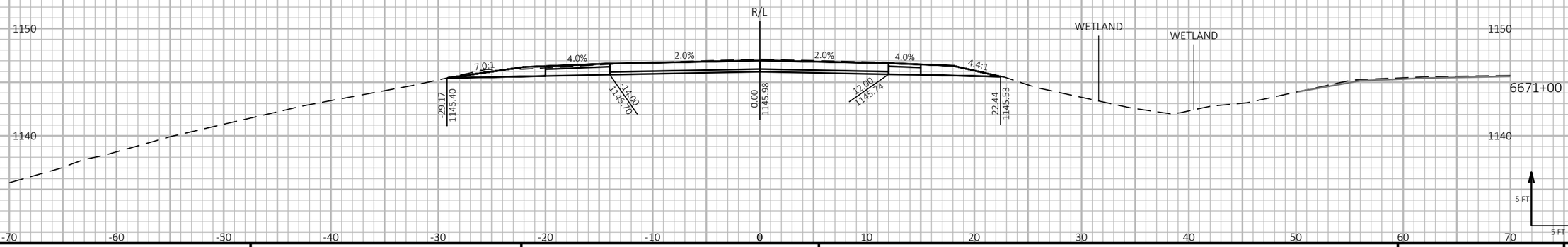
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1036	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090234-XS-S4.DWG
LAYOUT NAME - 56

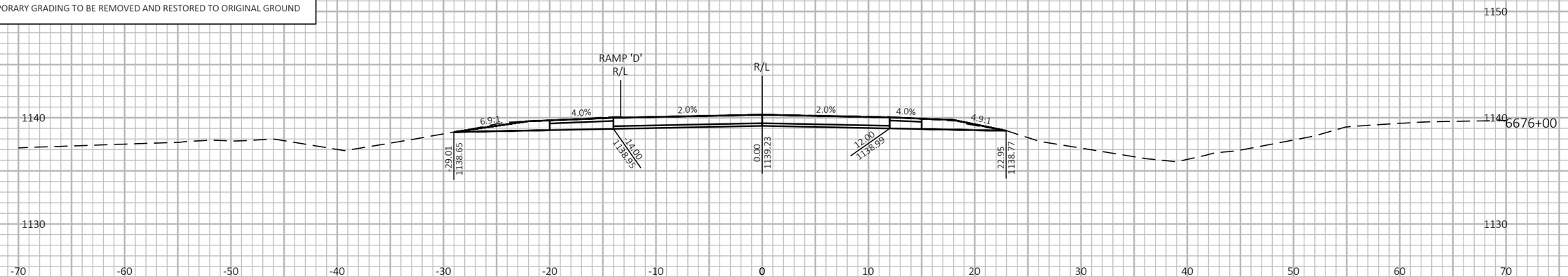
PLOT DATE : 10/4/2022 12:04 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

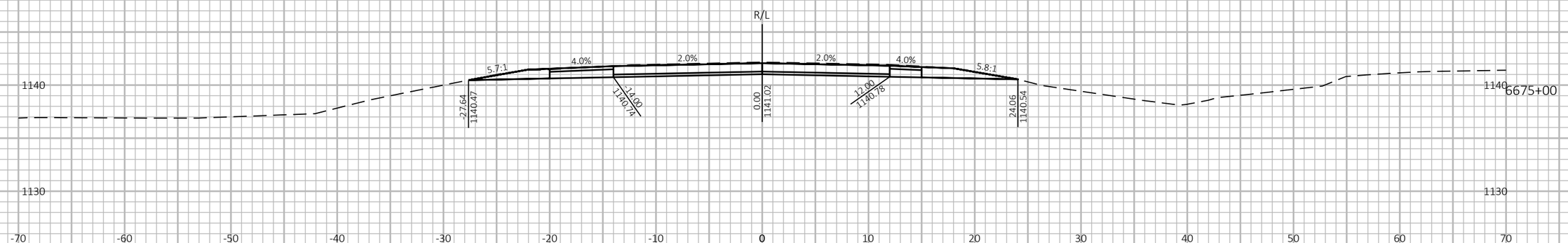
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

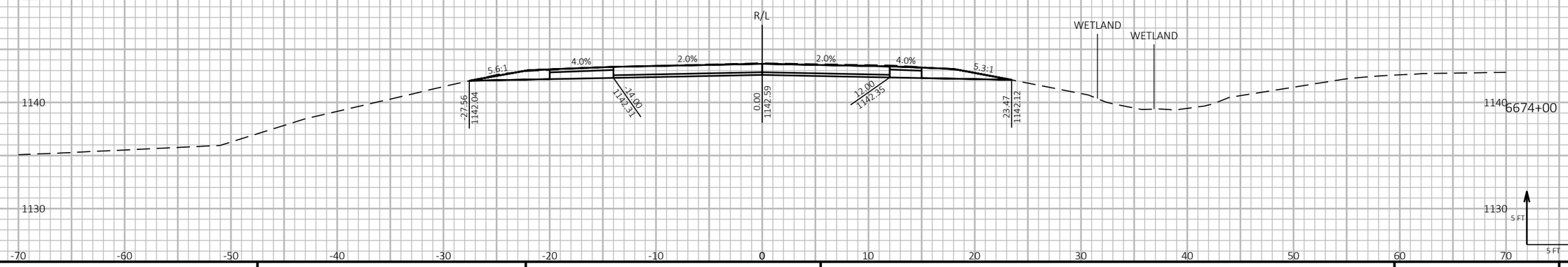
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1037	E

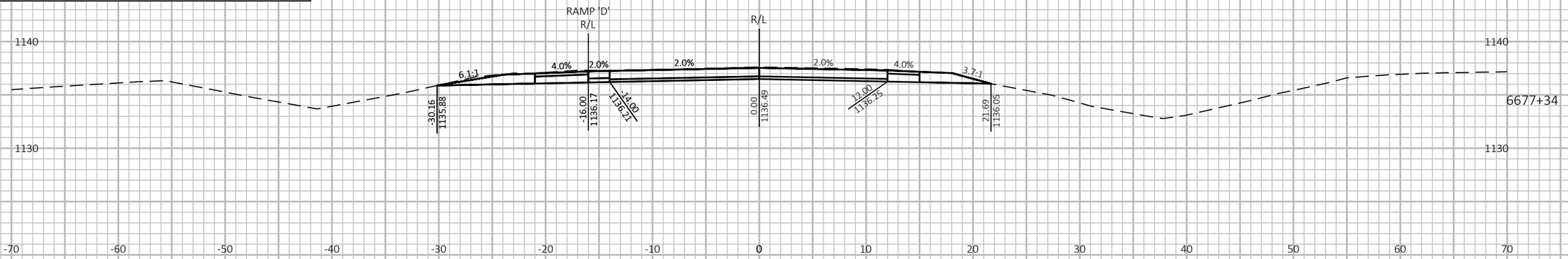
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 01

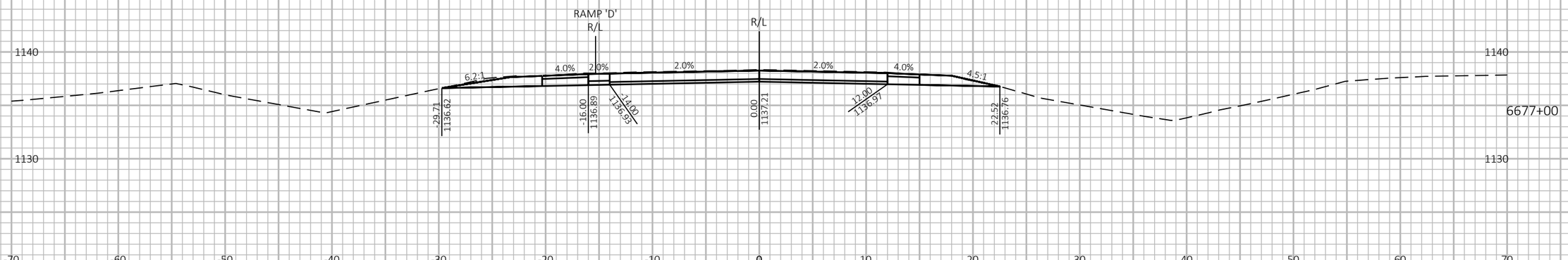
PLOT DATE : 2/24/2022 7:28 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

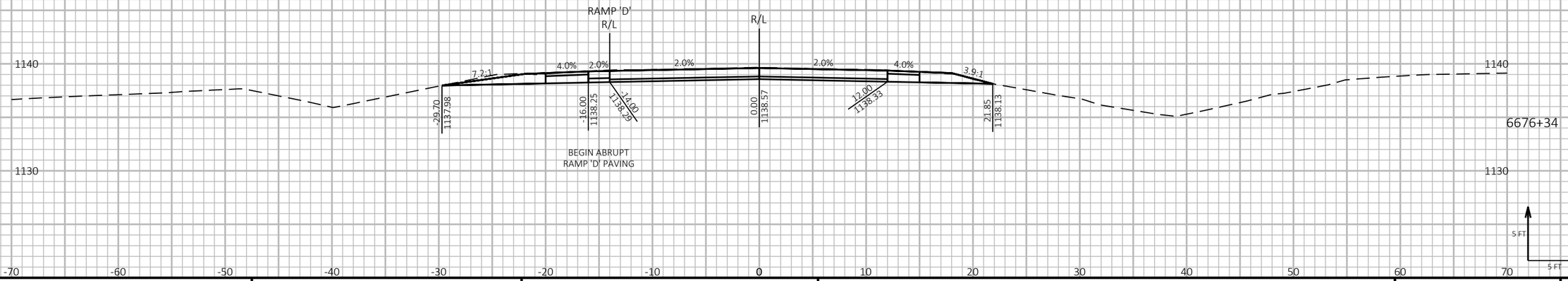
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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5 FT

5 FT

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1038	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 2/24/2022 7:29 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

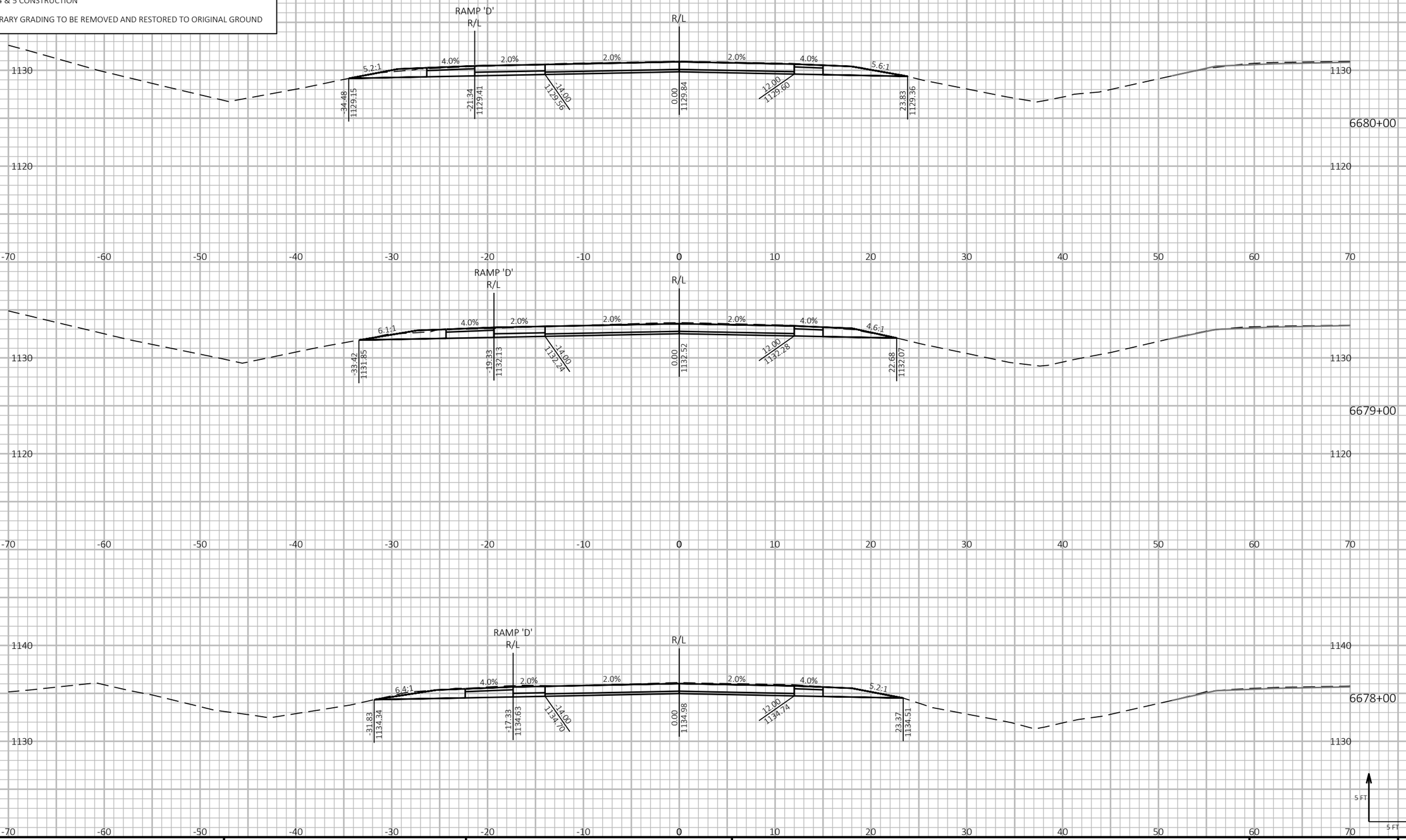
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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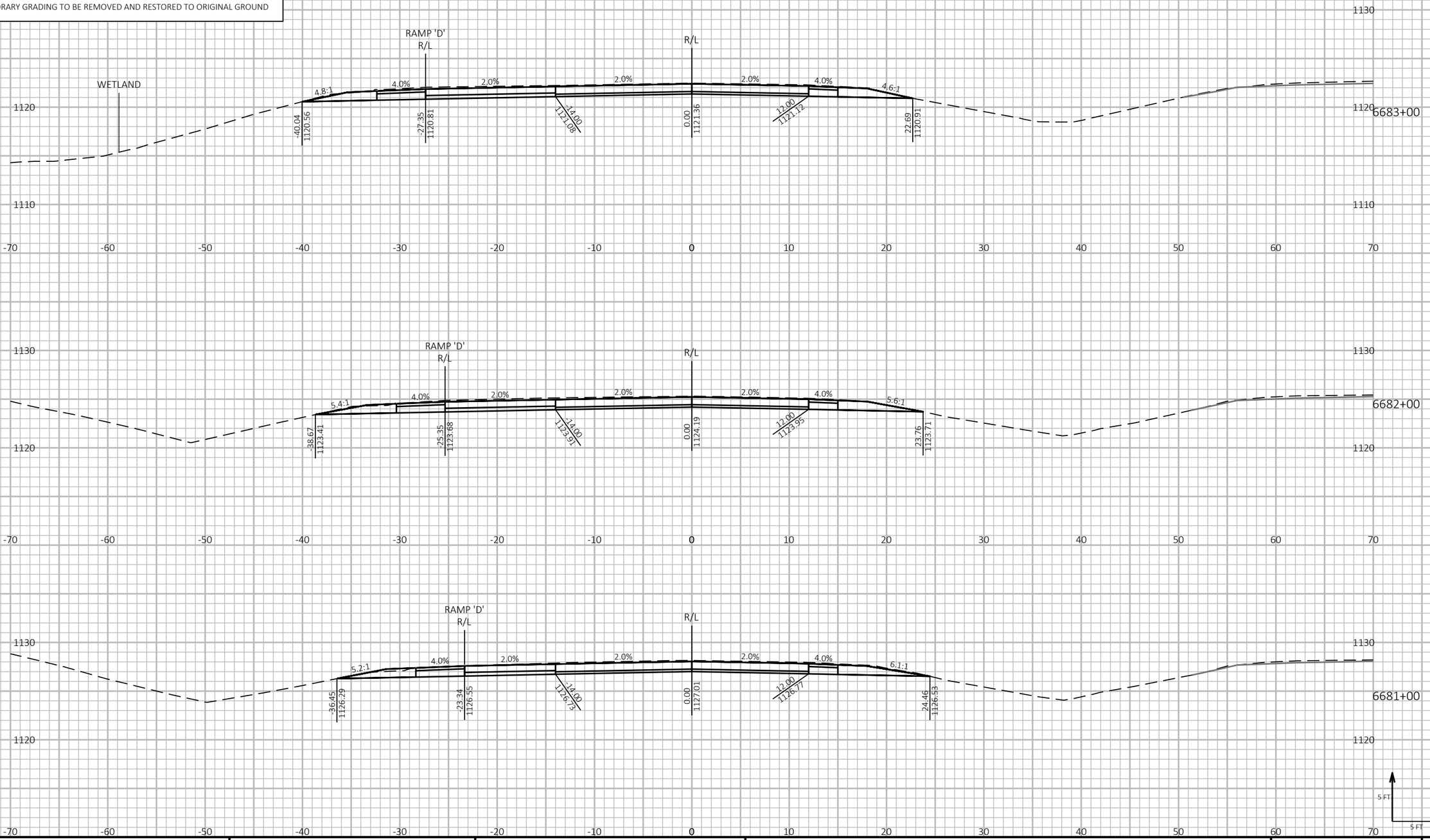
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1039	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/24/2022 7:29 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1040 E

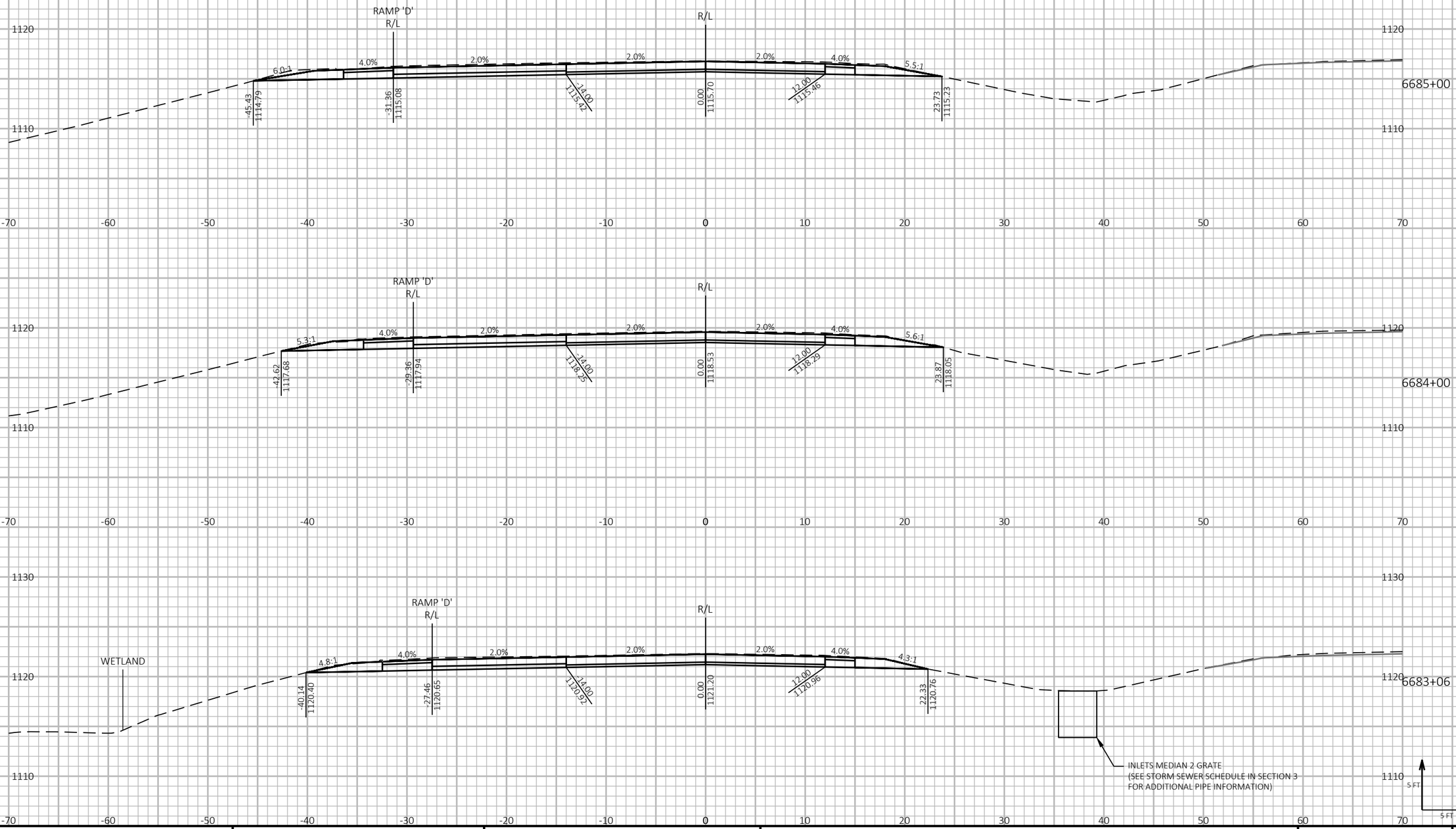
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 04

PLOT DATE : 2/24/2022 7:29 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1041	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 05

PLOT DATE : 2/24/2022 7:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

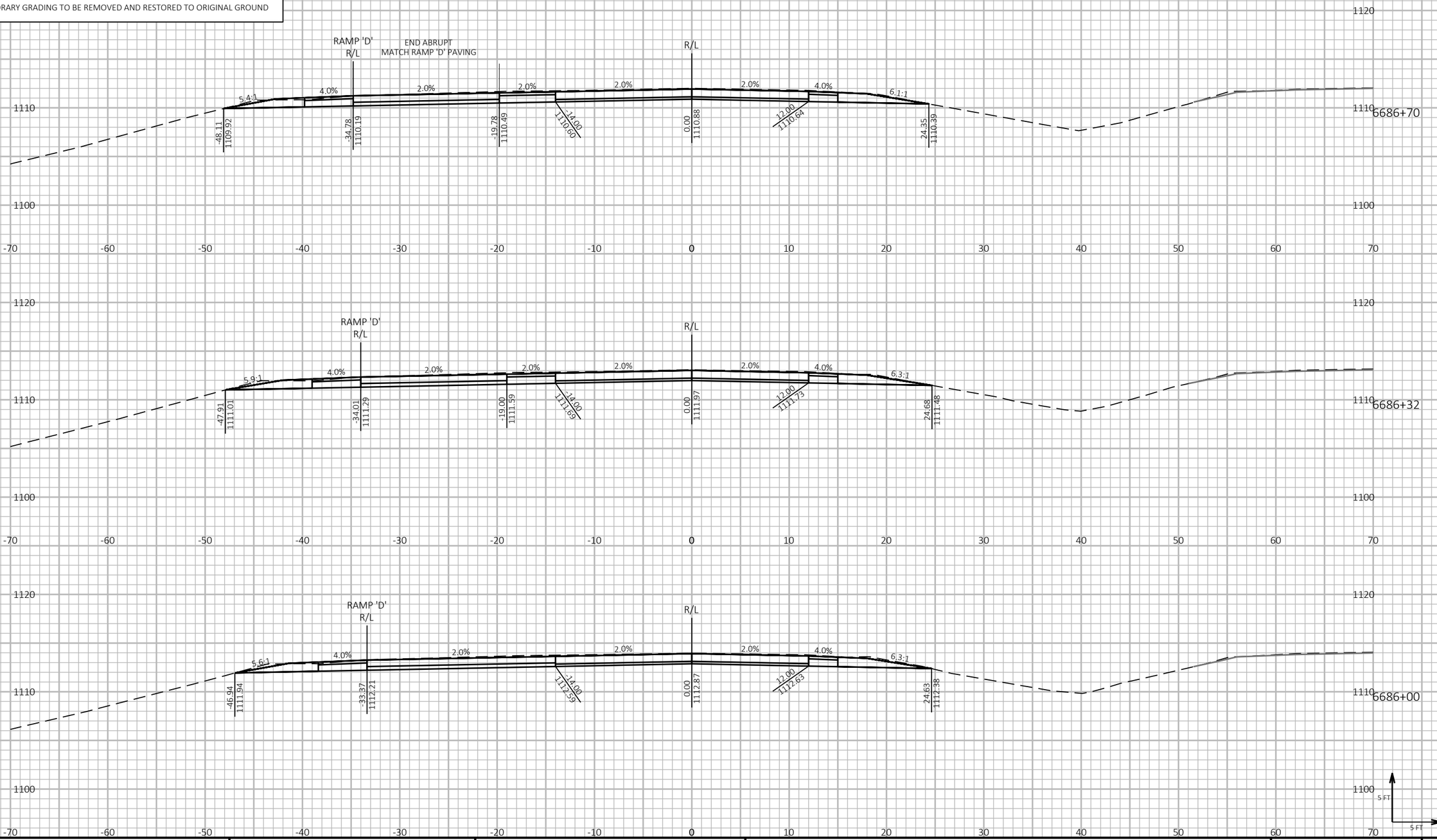
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1042 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 2/24/2022 7:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

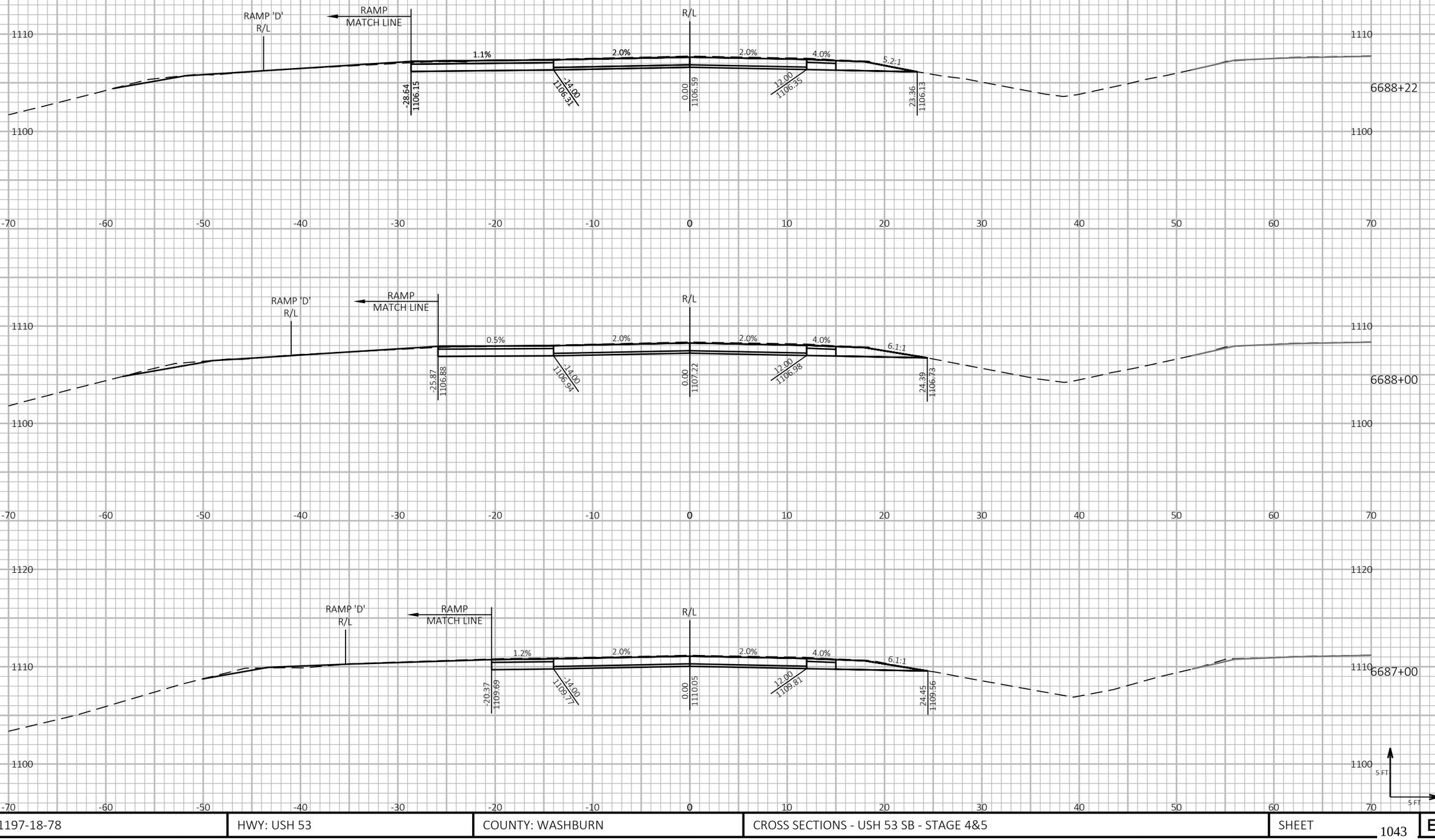
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1043	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 07

PLOT DATE : 2/24/2022 7:30 AM

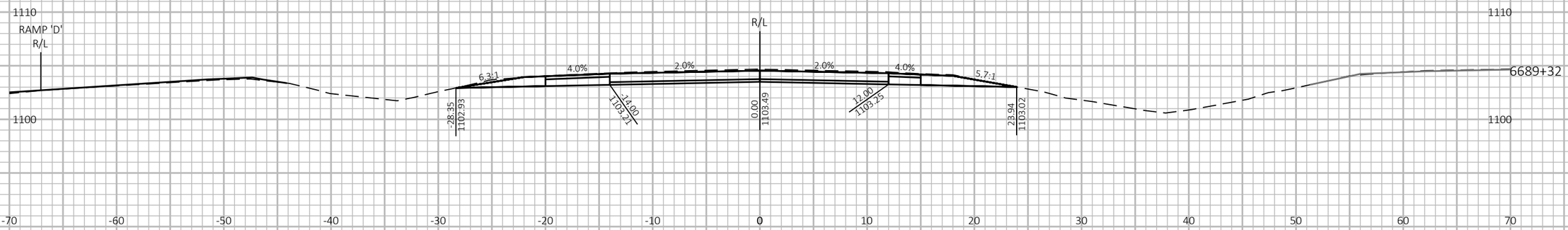
PLOT BY : AUSTIN STRAHL

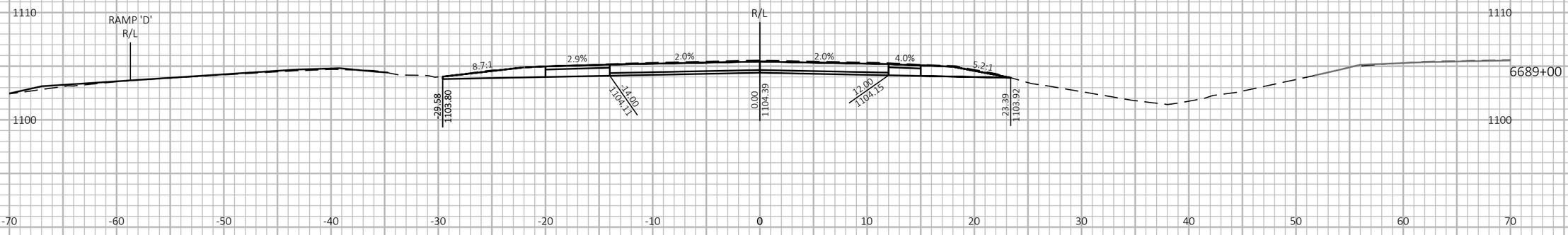
PLOT NAME :

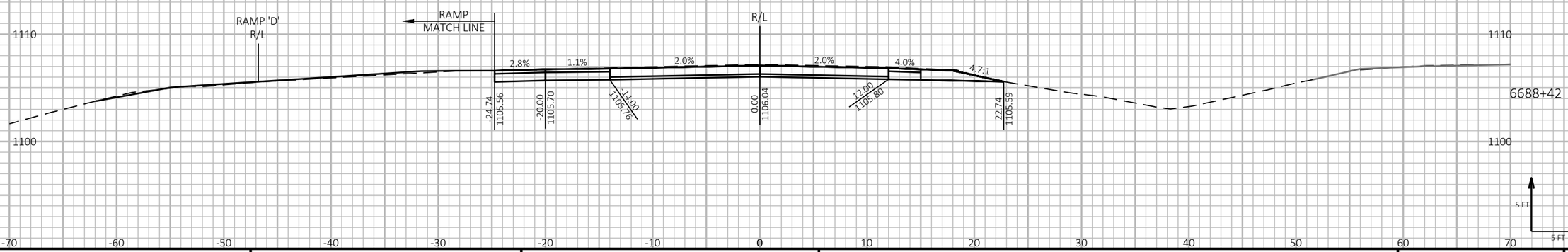
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1044	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 08

PLOT DATE : 2/24/2022 7:31 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

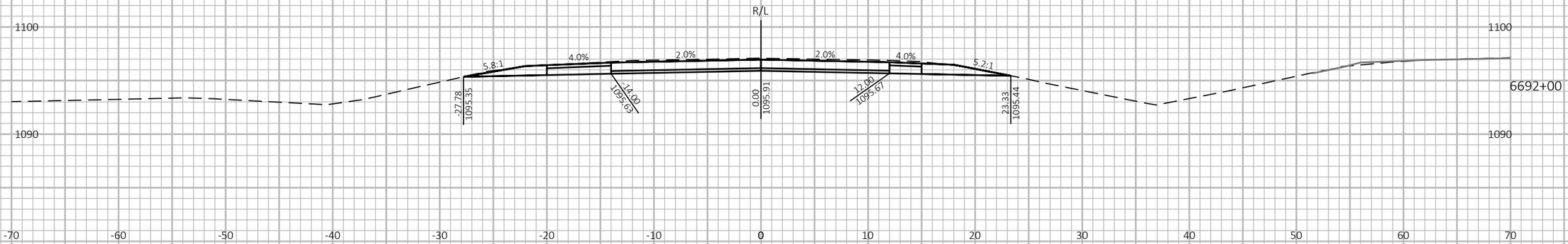
EXISTING GROUND

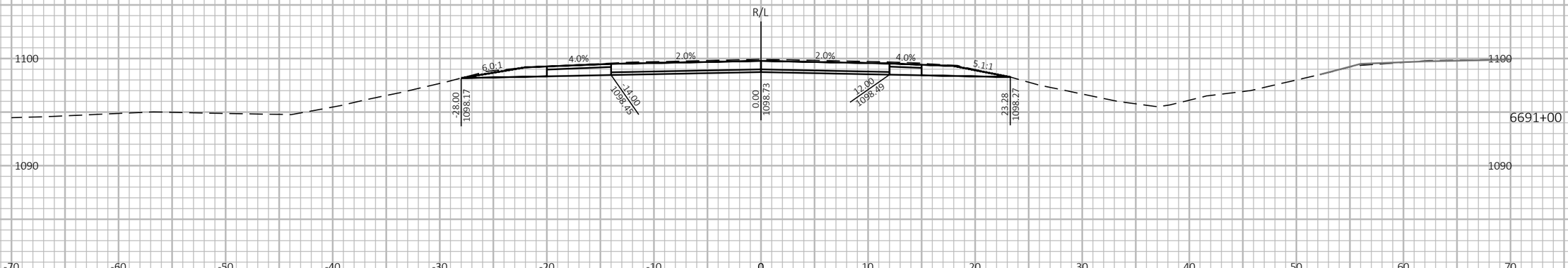
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

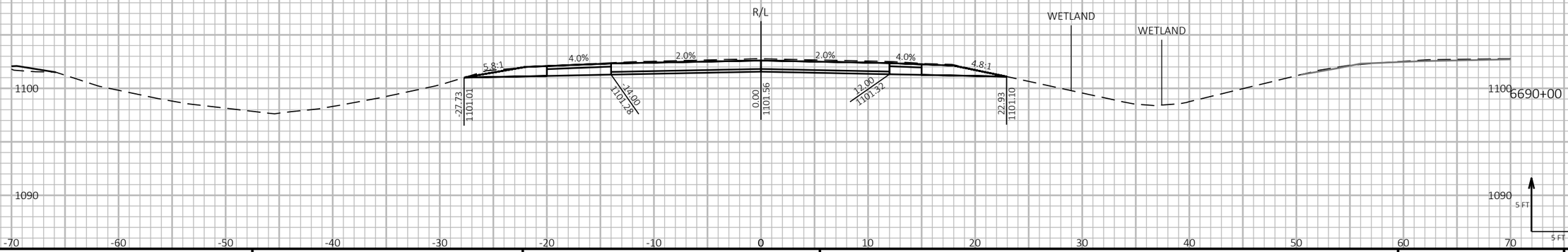
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1045	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 2/24/2022 7:31 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

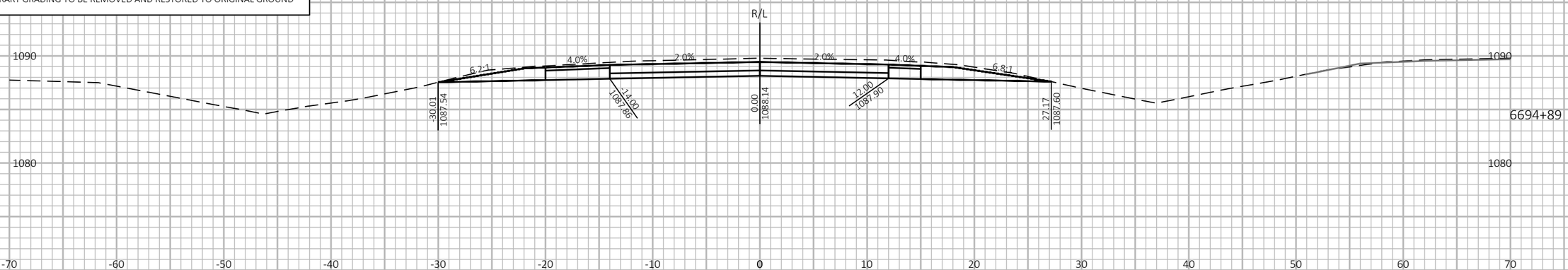
EXISTING GROUND

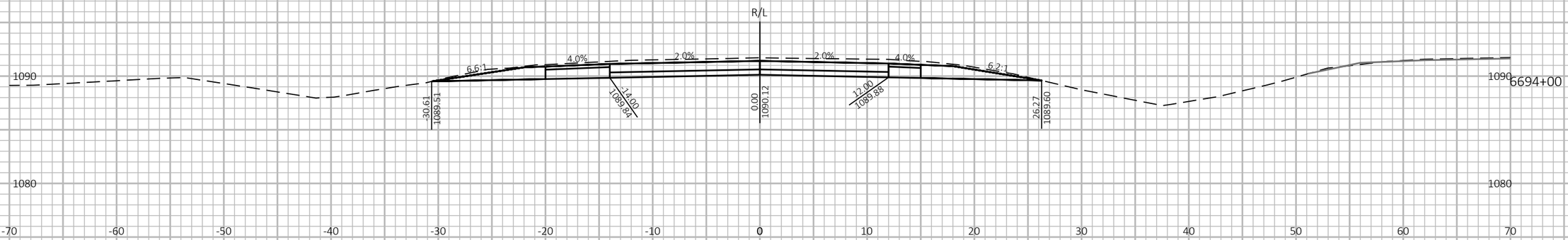
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1046	E

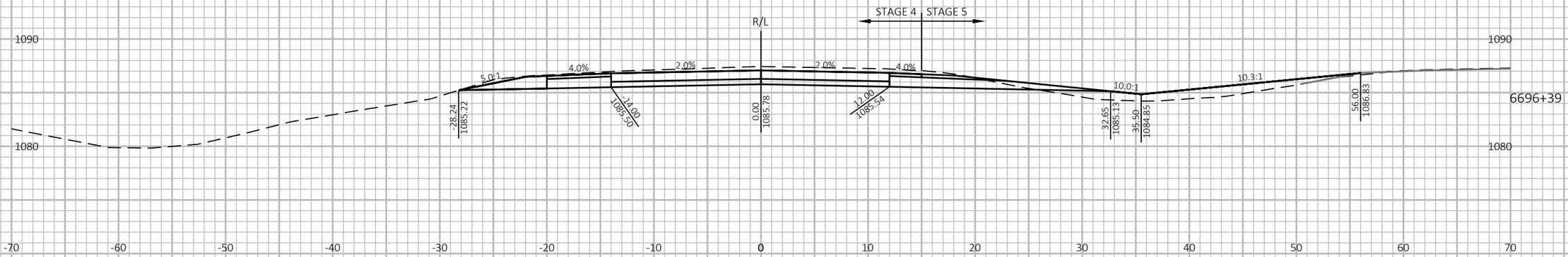
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 10

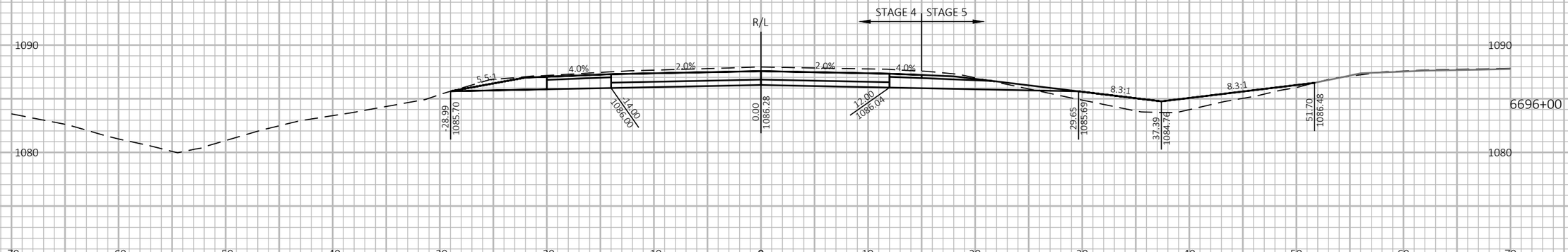
PLOT DATE : 2/24/2022 7:31 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

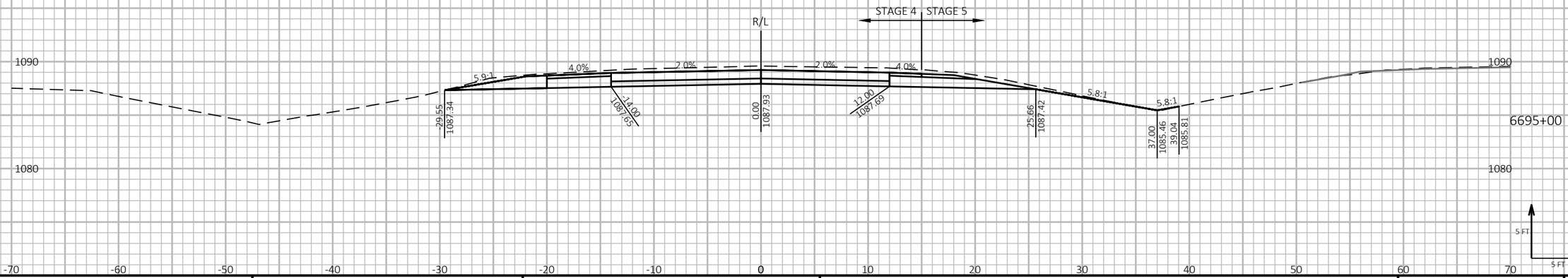
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1047 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 11

PLOT DATE : 2/24/2022 7:32 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

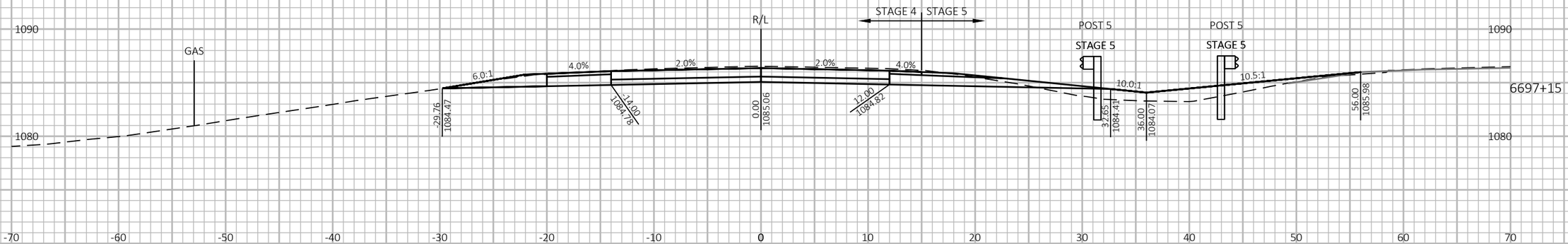
EXISTING GROUND

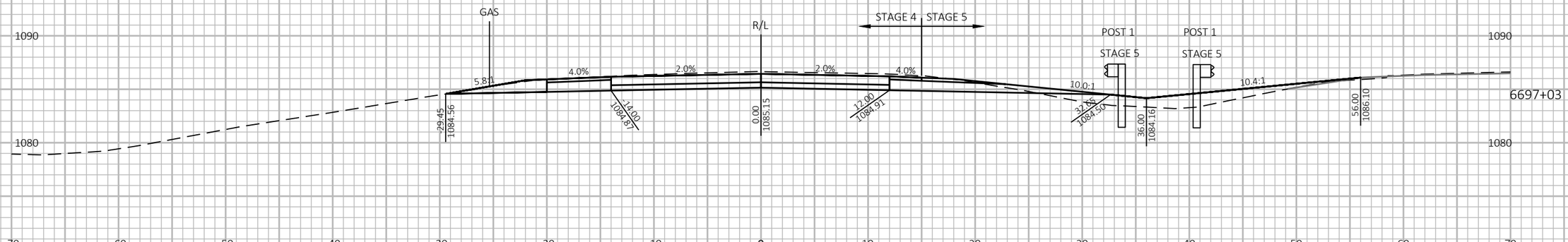
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1048	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 12

PLOT DATE : 2/24/2022 7:32 AM

PLOT BY : AUSTIN STRAHL

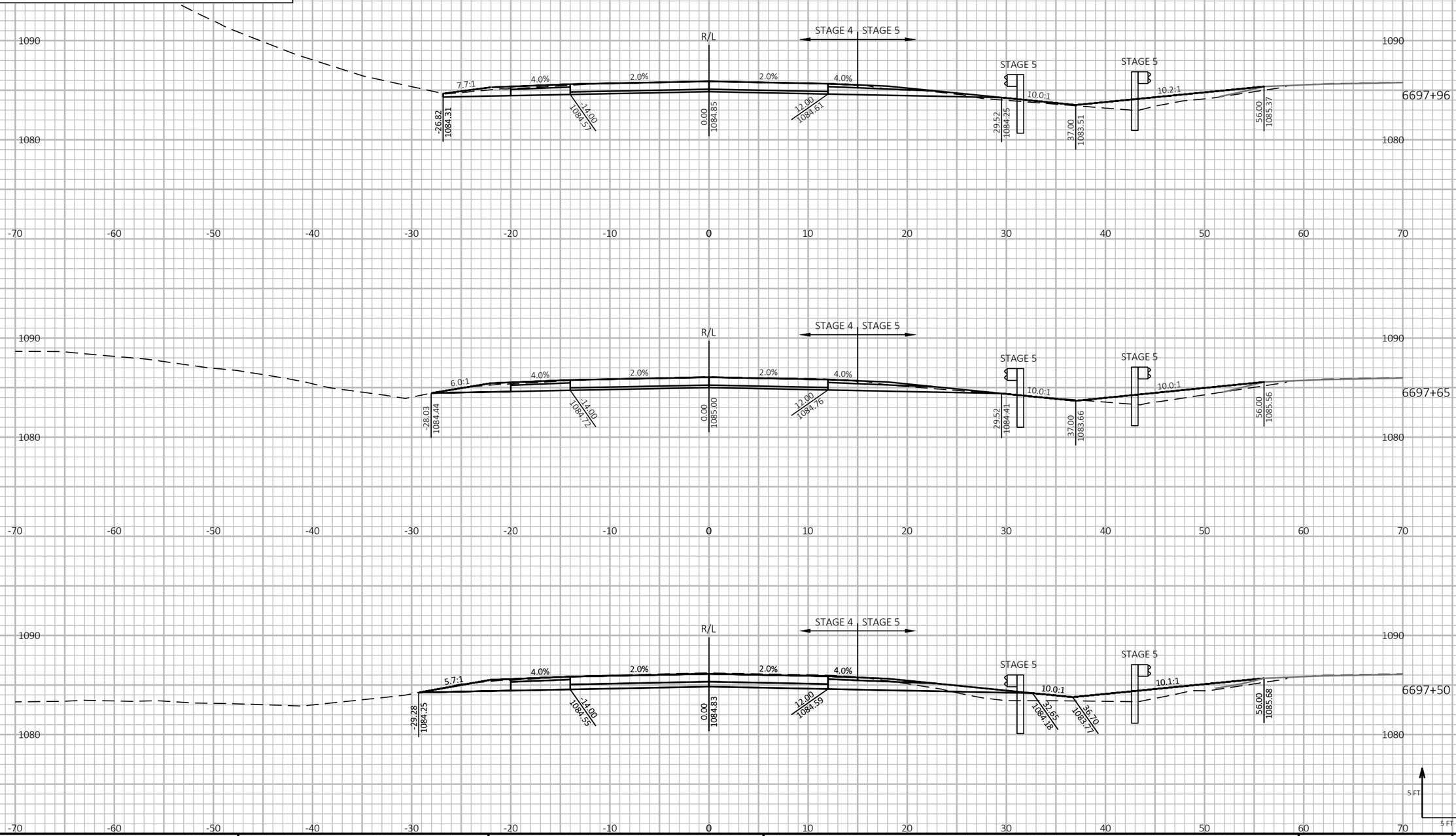
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1049	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 13

PLOT DATE : 2/24/2022 7:32 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

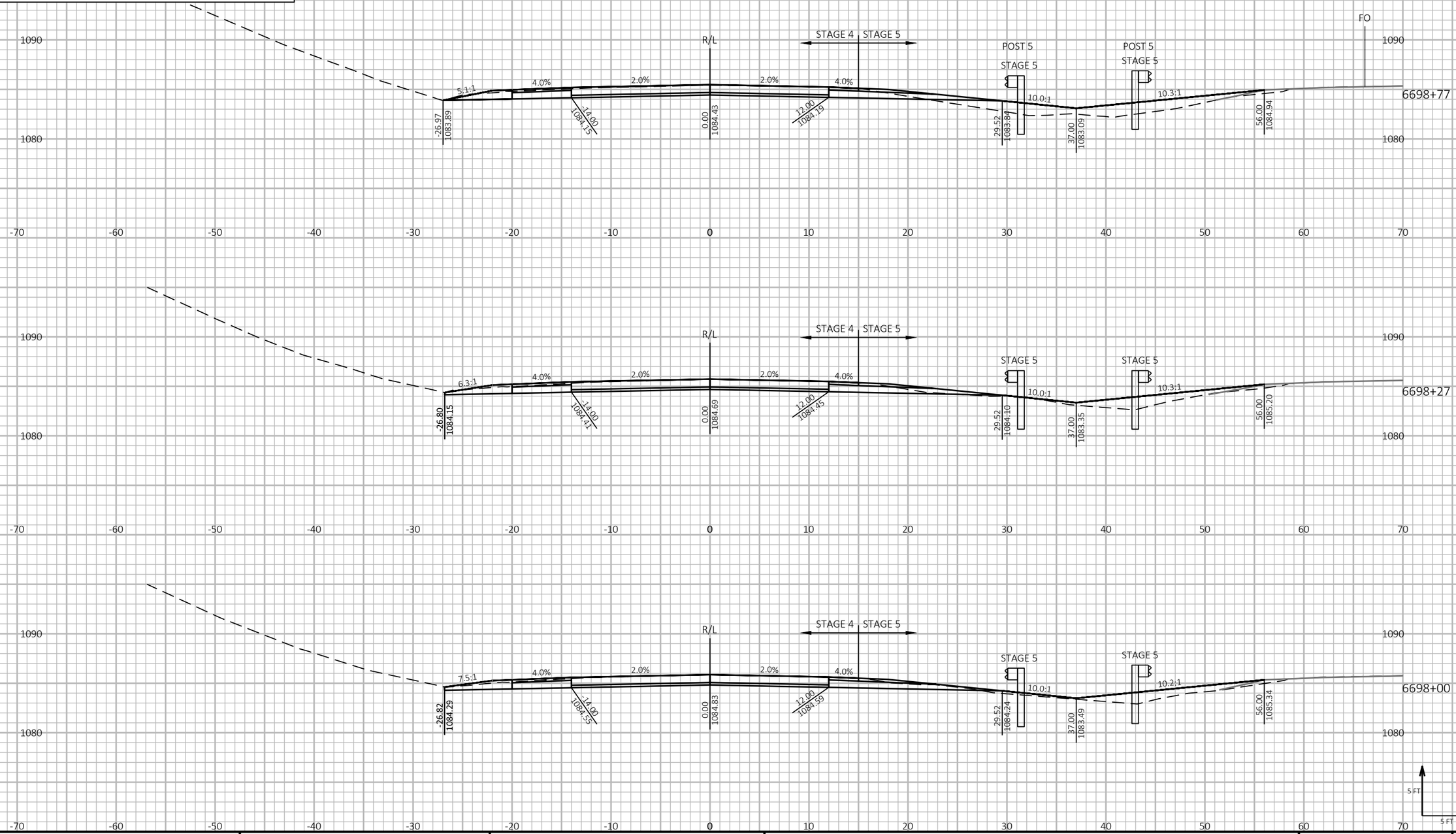
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1050	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 14

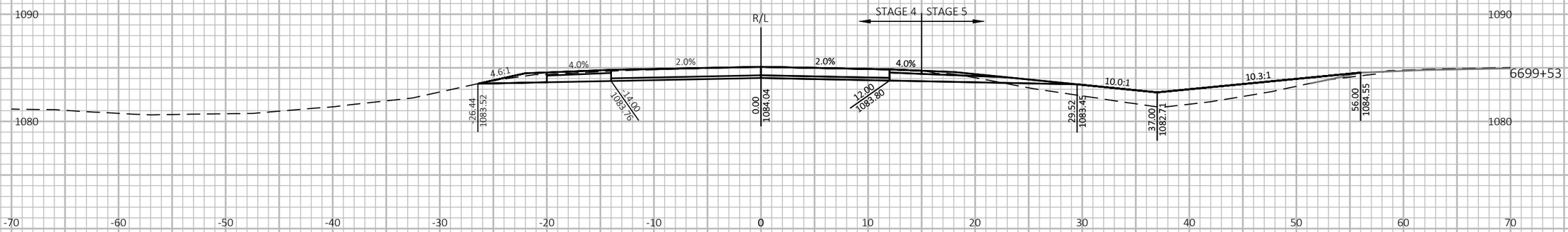
PLOT DATE : 2/24/2022 7:33 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

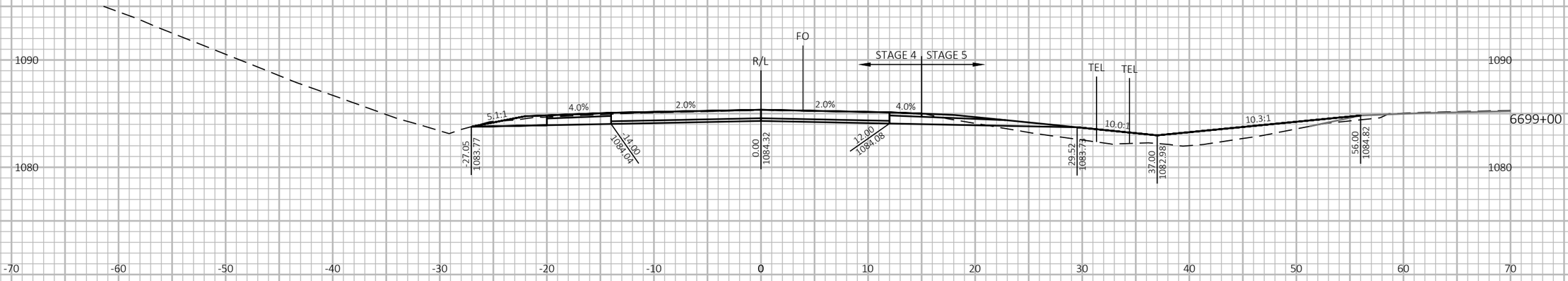
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

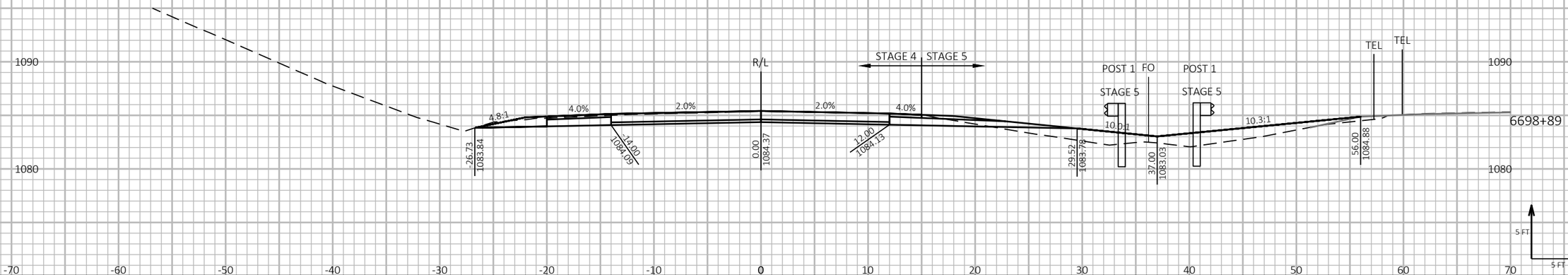
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1051	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 15

PLOT DATE : 2/24/2022 7:33 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

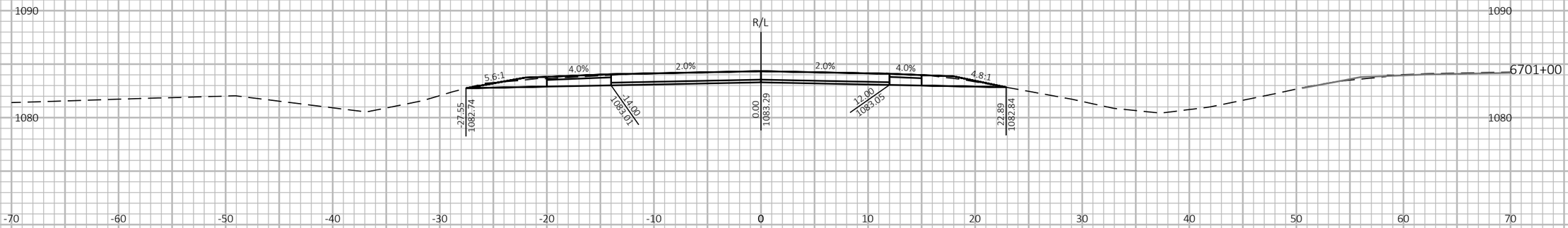
EXISTING GROUND

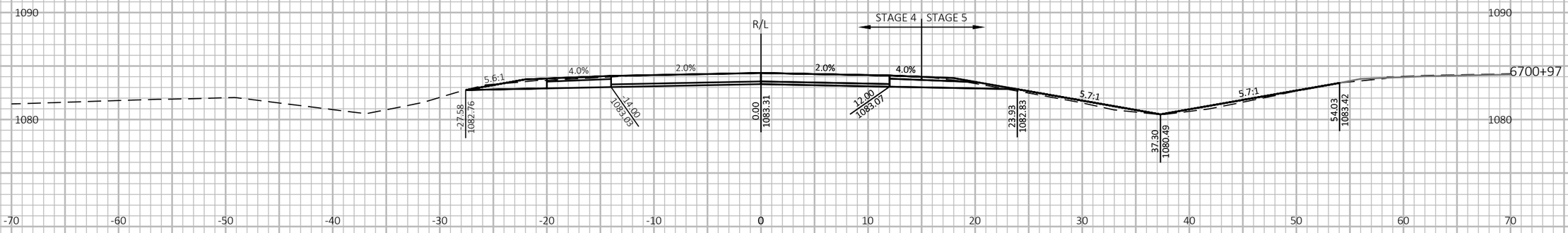
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

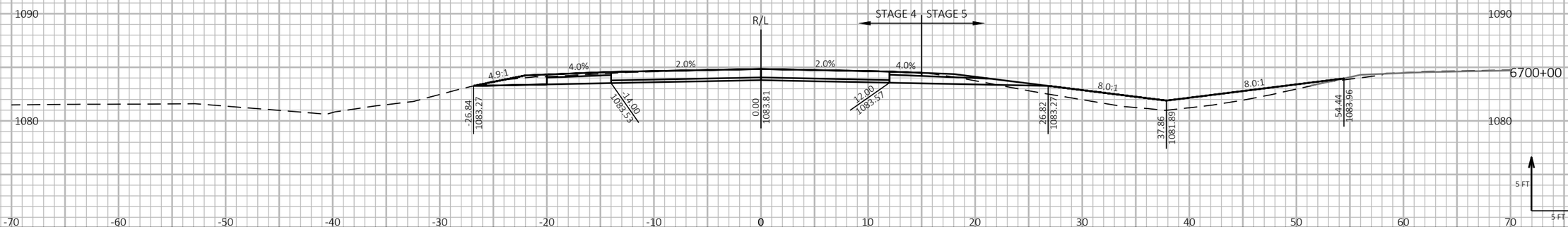
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1052	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 16

PLOT DATE : 2/24/2022 7:33 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

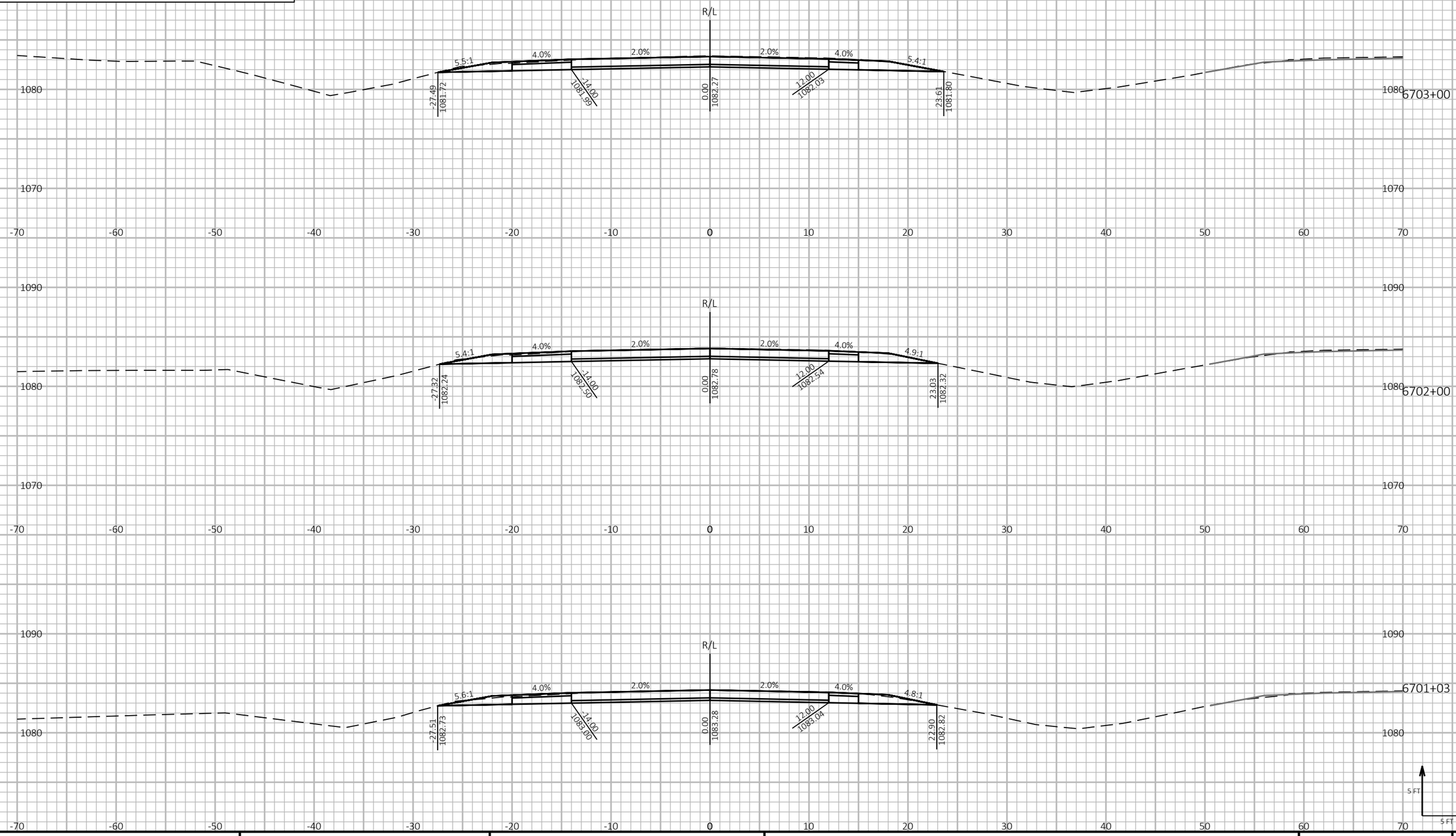
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1053	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 17

PLOT DATE : 2/24/2022 7:34 AM

PLOT BY : AUSTIN STRAHL

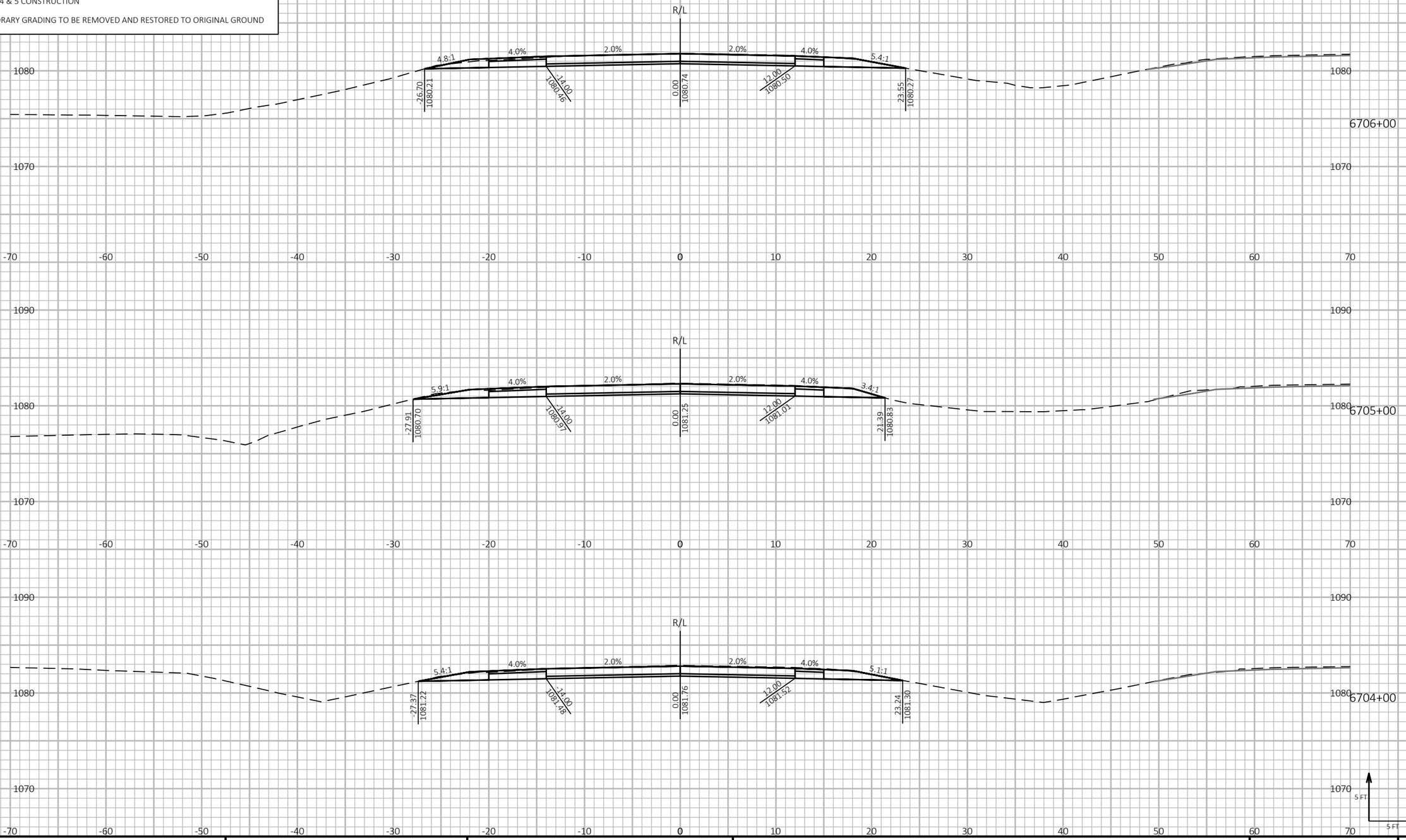
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1054	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 18

PLOT DATE : 2/24/2022 7:34 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

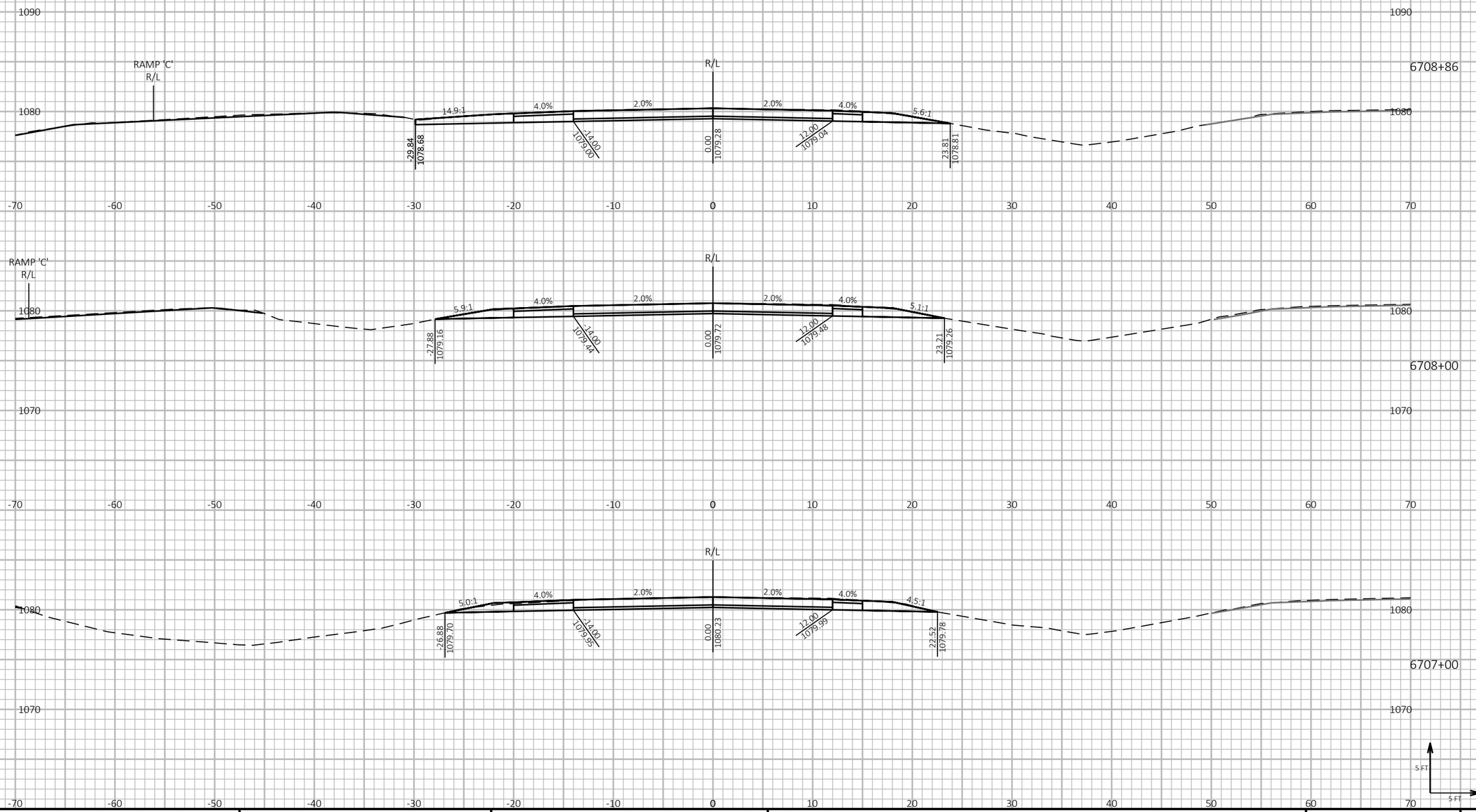
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1055	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 19

PLOT DATE : 2/24/2022 7:34 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

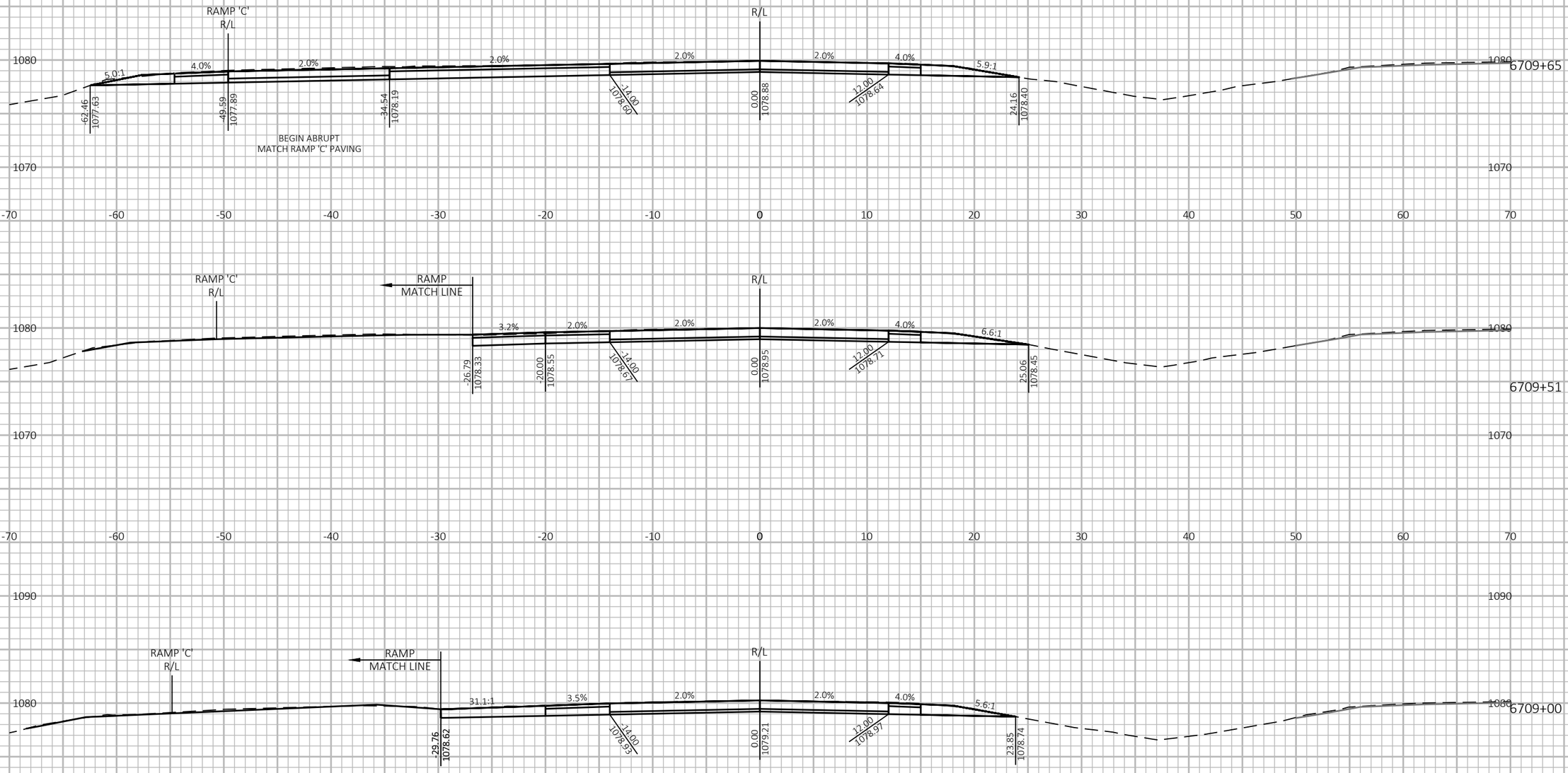
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1056	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 20

PLOT DATE : 2/24/2022 7:35 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

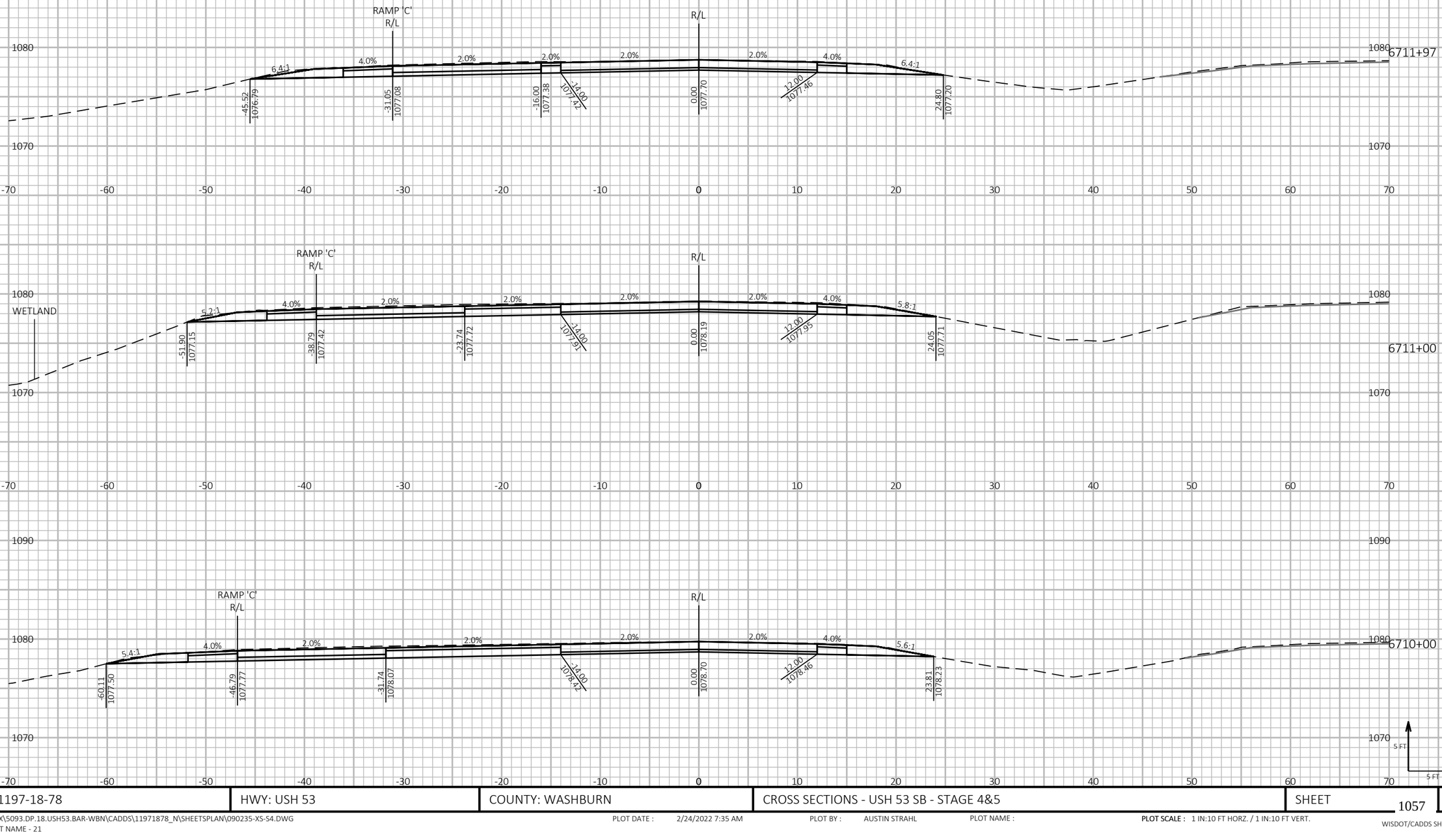
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1057	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 21

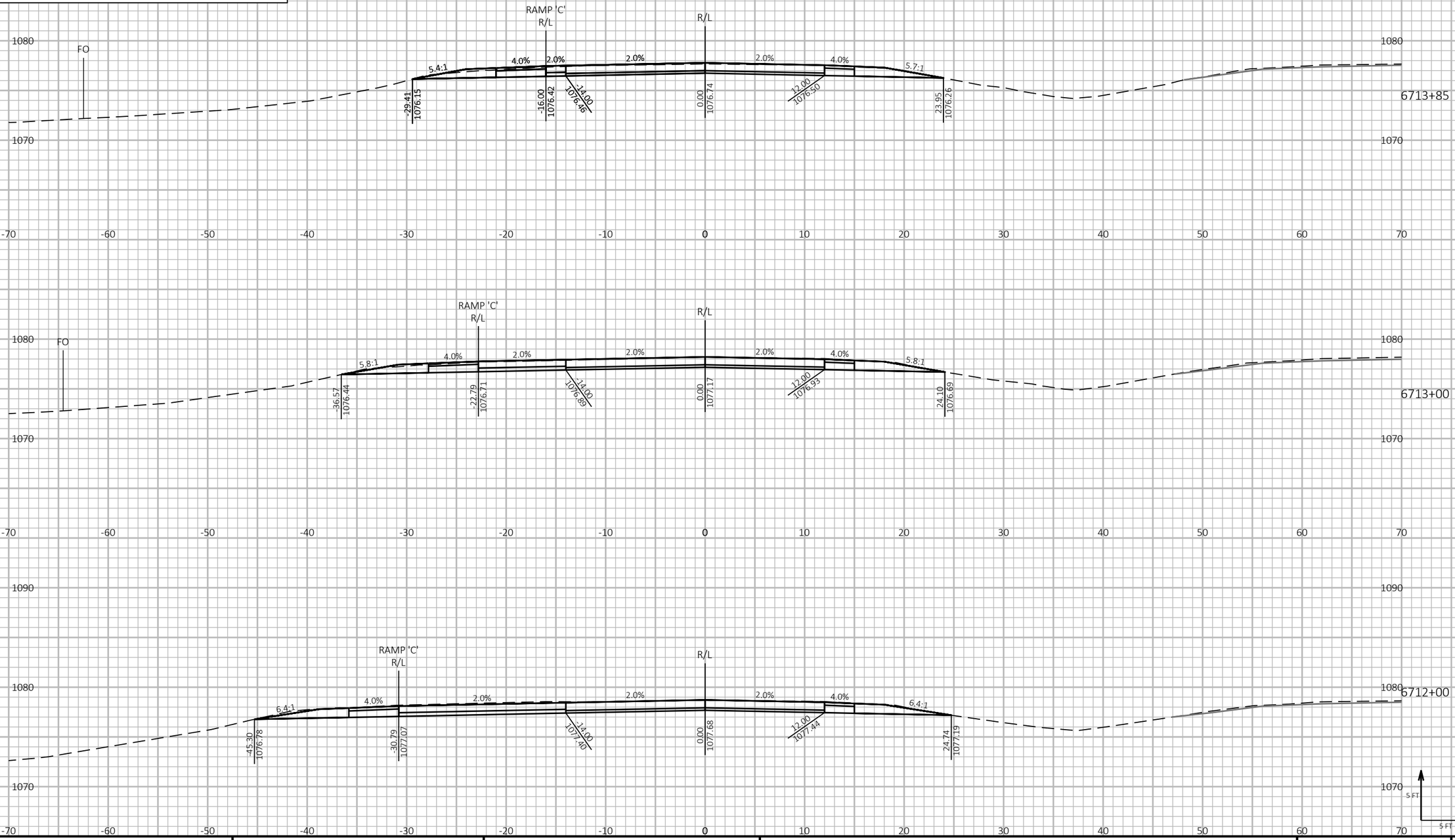
PLOT DATE : 2/24/2022 7:35 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1058	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 22

PLOT DATE : 2/24/2022 7:35 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1059	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 23

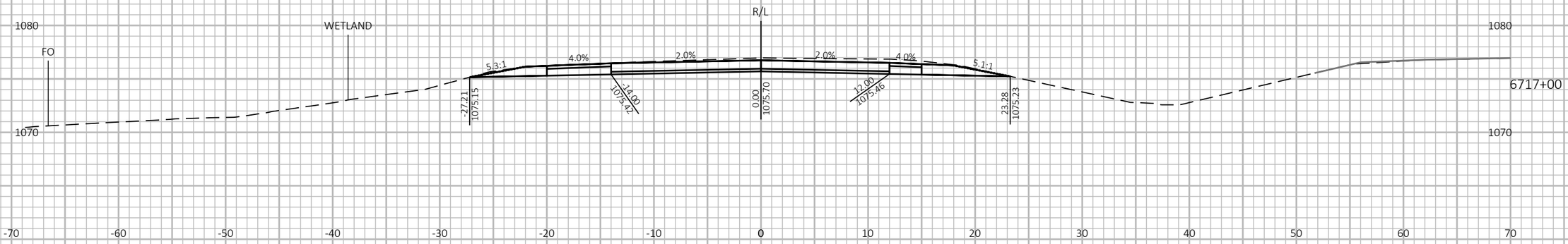
PLOT DATE : 2/24/2022 7:36 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

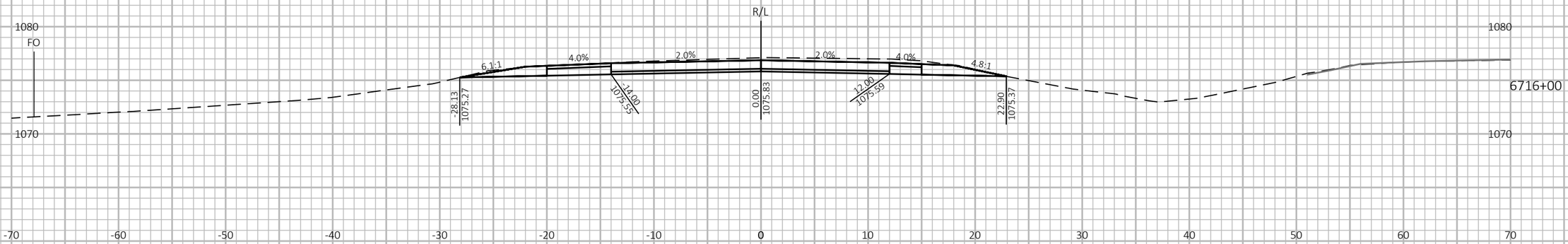
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

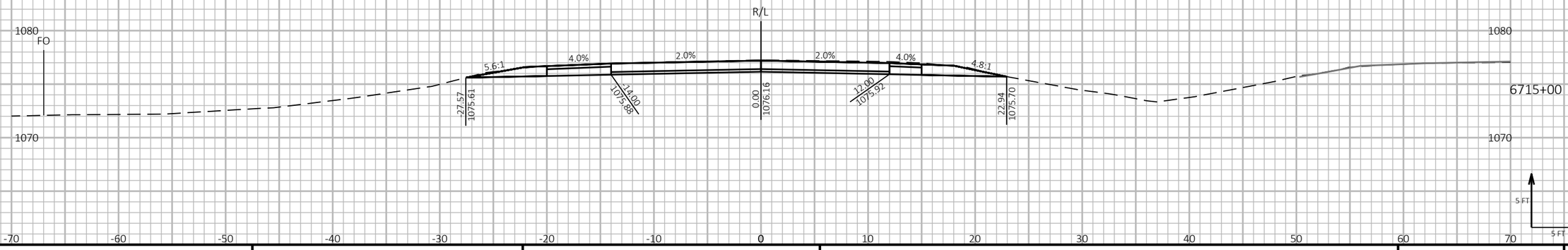
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1060	E

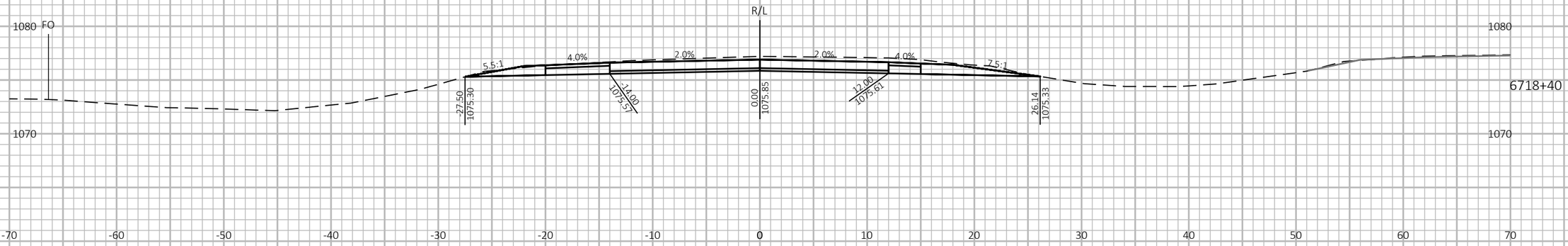
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 24

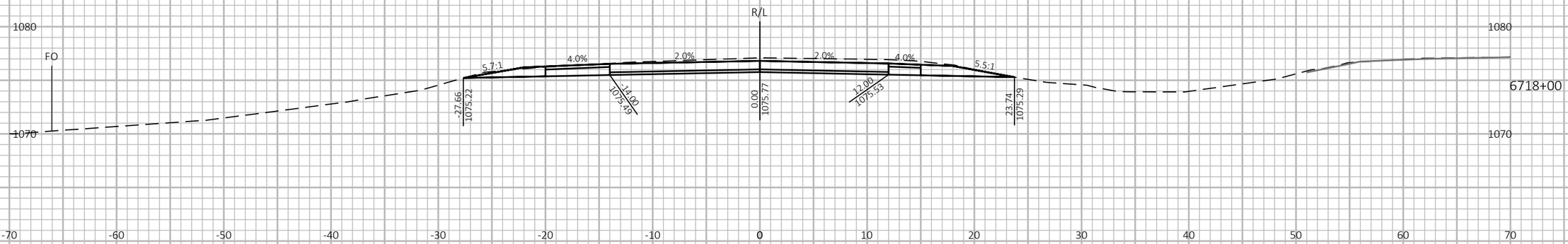
PLOT DATE : 2/24/2022 7:36 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

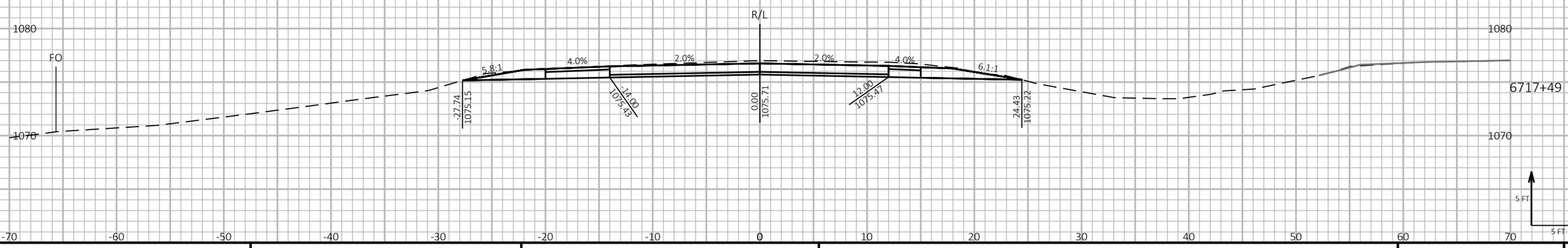
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1061 E

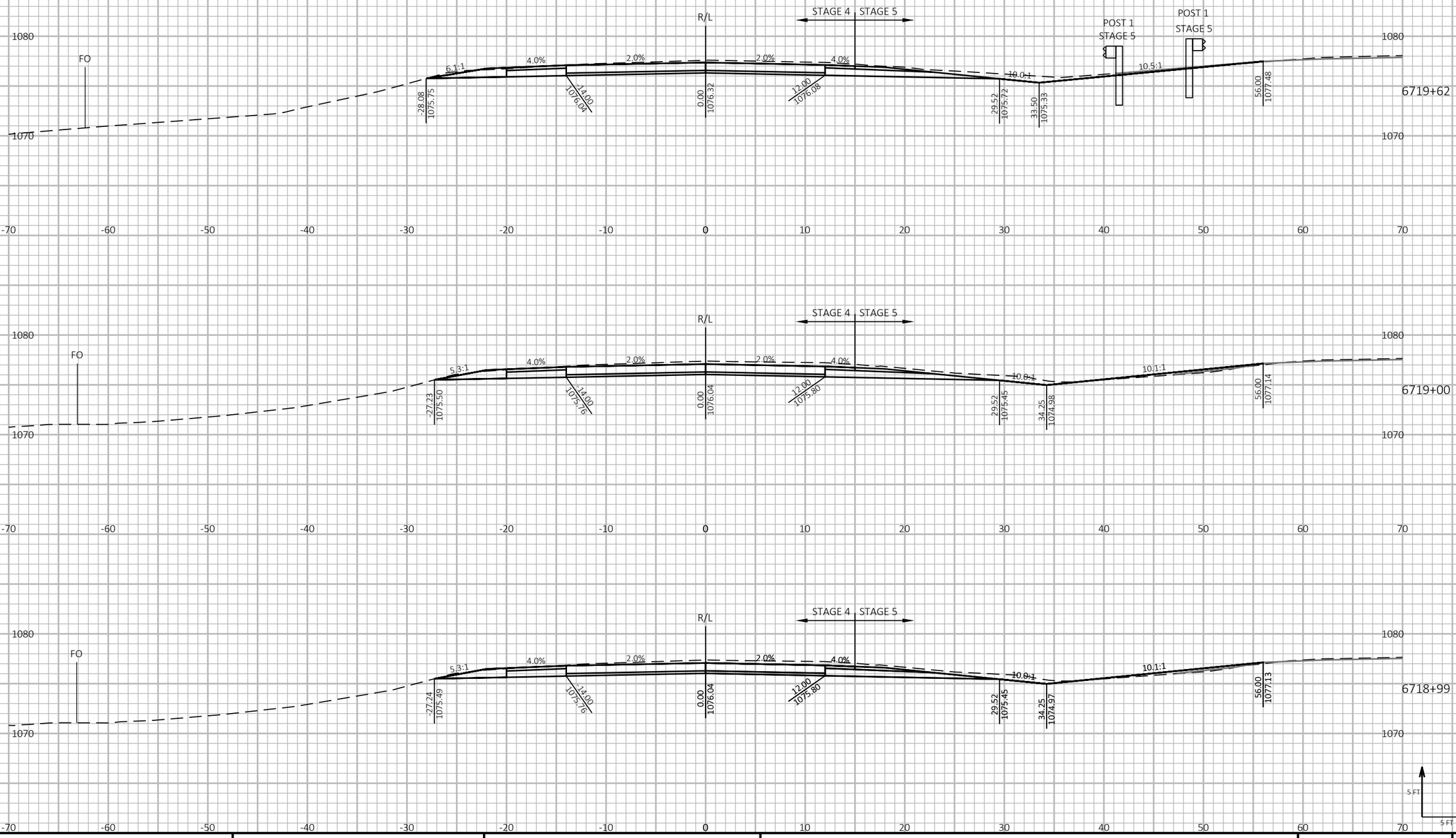
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 25

PLOT DATE : 2/24/2022 7:36 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1062	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 26

PLOT DATE : 2/24/2022 7:37 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

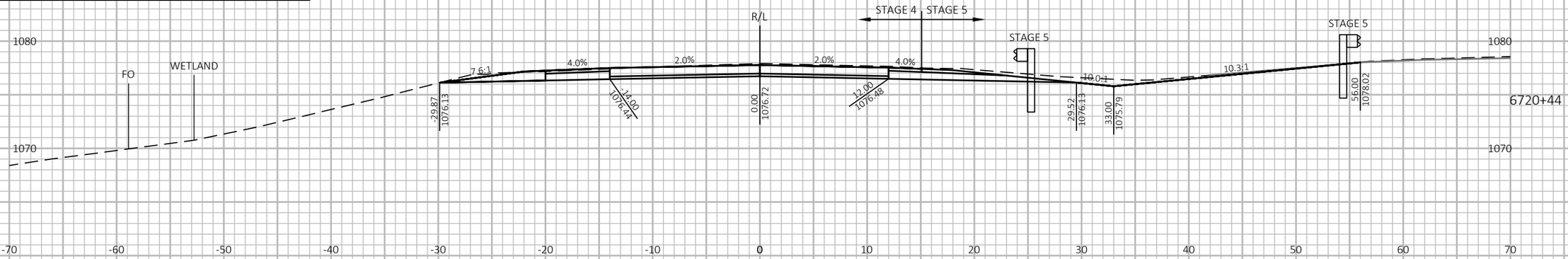
EXISTING GROUND

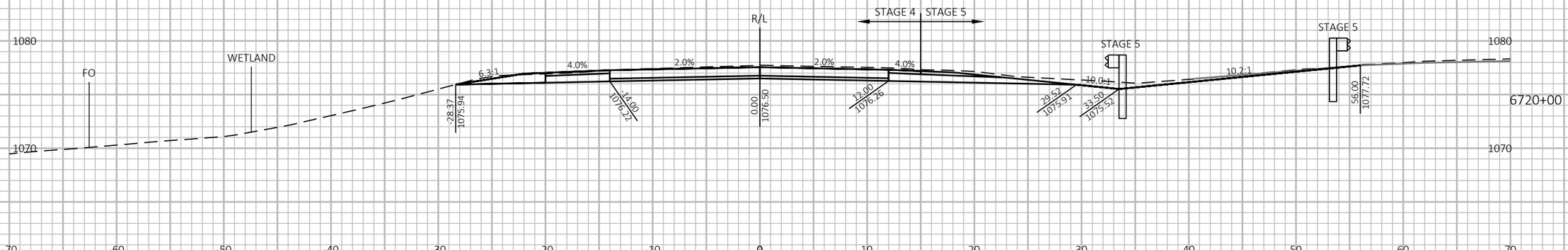
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

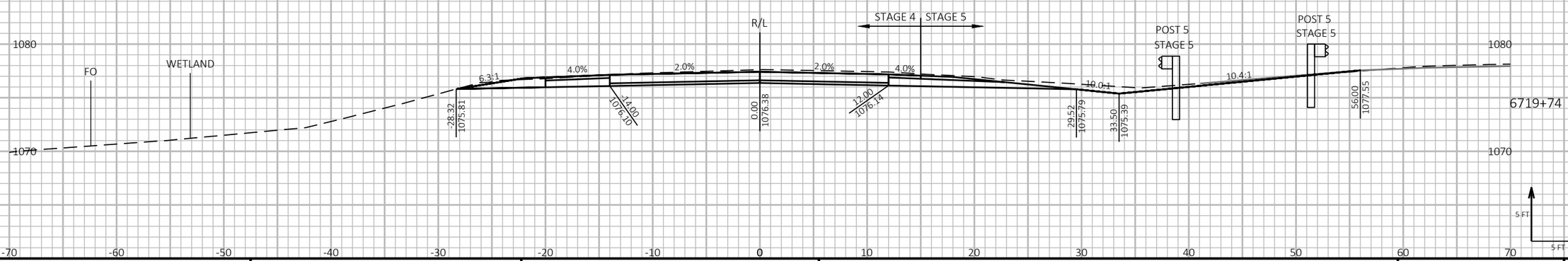
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1063	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 27

PLOT DATE : 2/24/2022 7:37 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

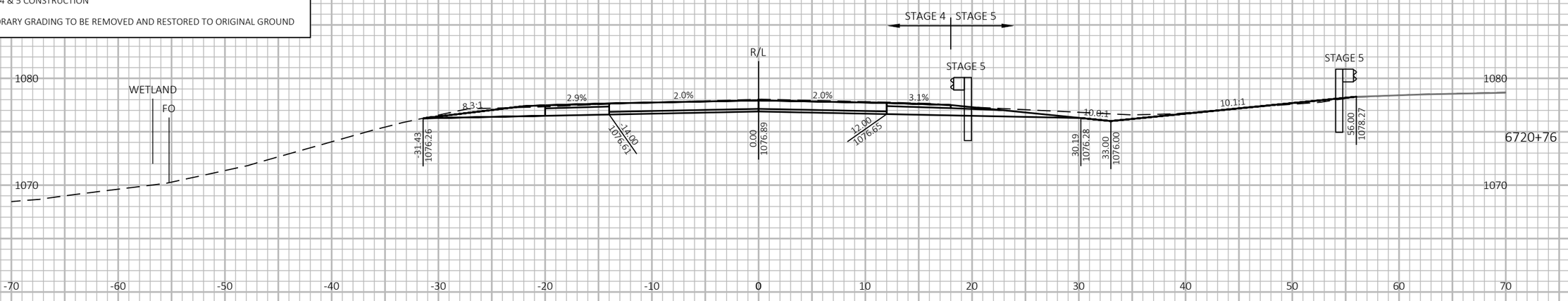
EXISTING GROUND

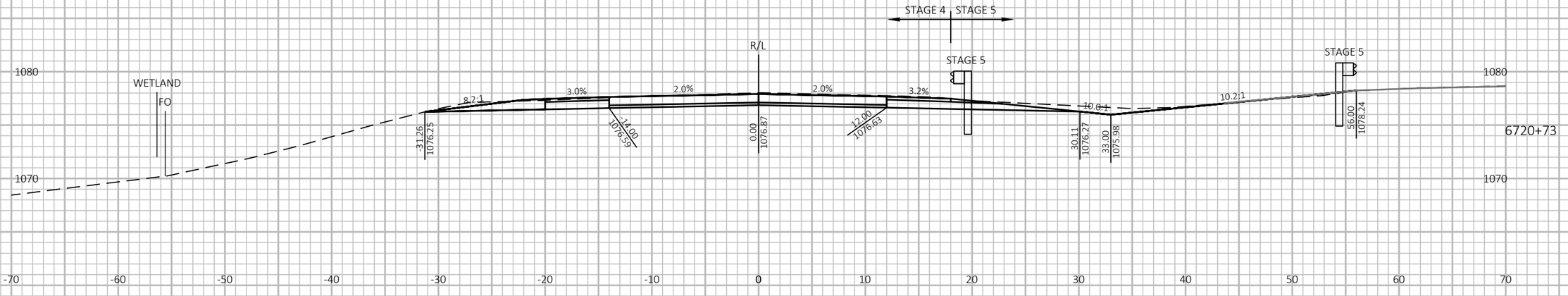
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

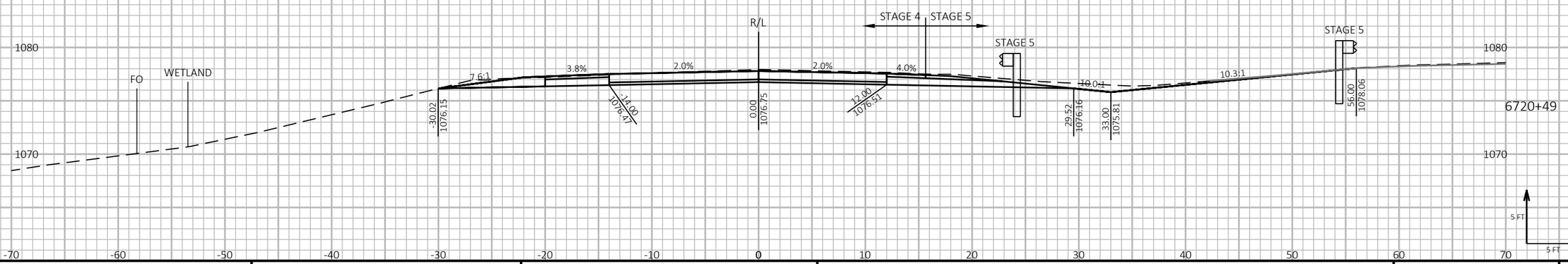
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1064	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 28

PLOT DATE : 2/24/2022 7:38 AM

PLOT BY : AUSTIN STRAHL

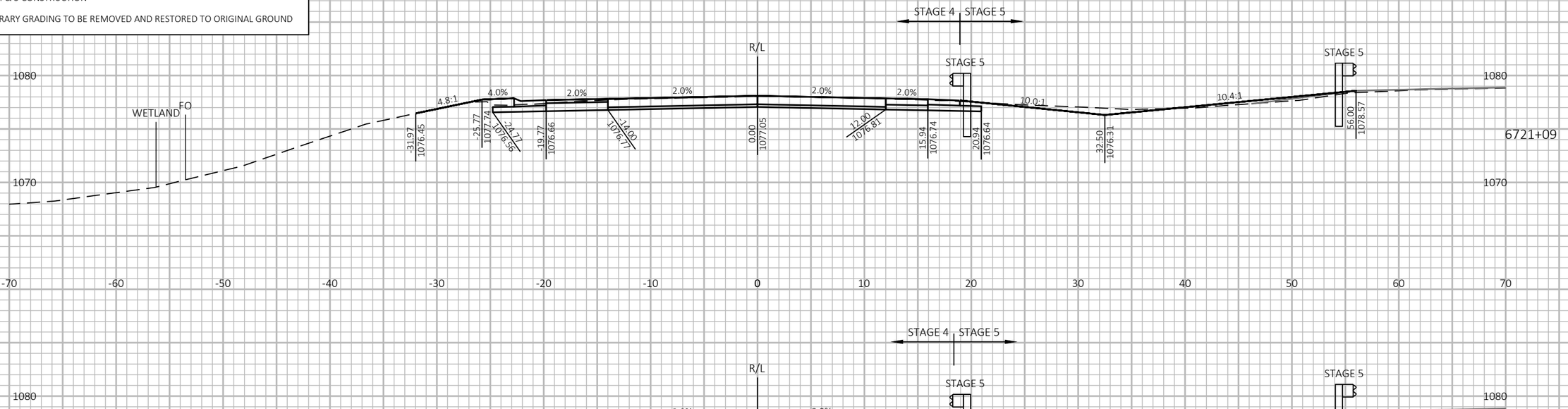
PLOT NAME :

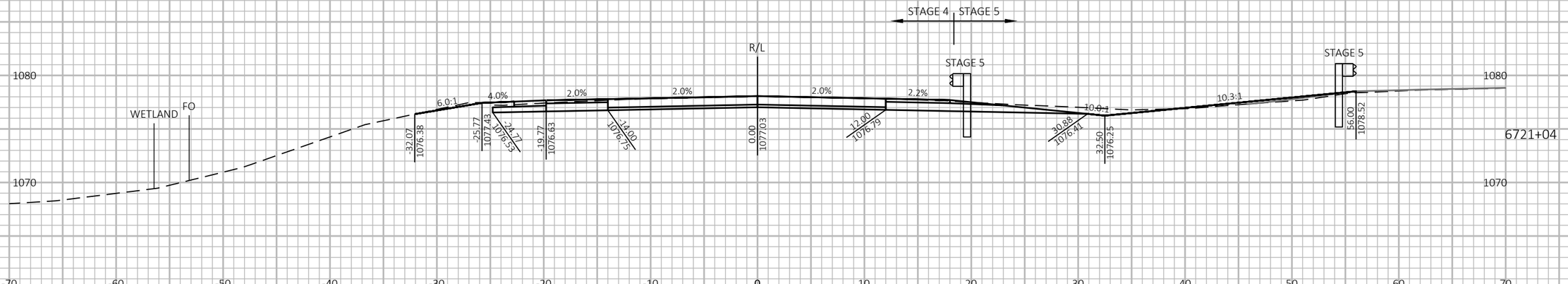
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

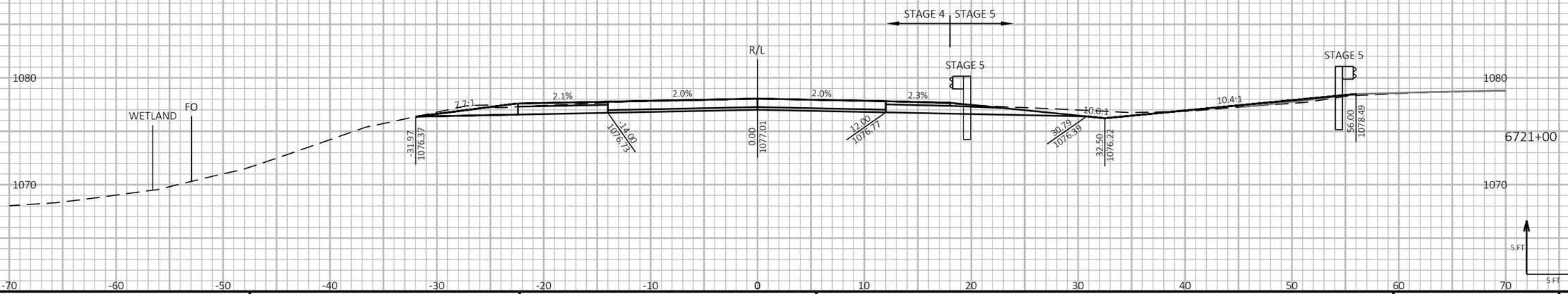
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1065 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 29

PLOT DATE : 2/24/2022 7:38 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

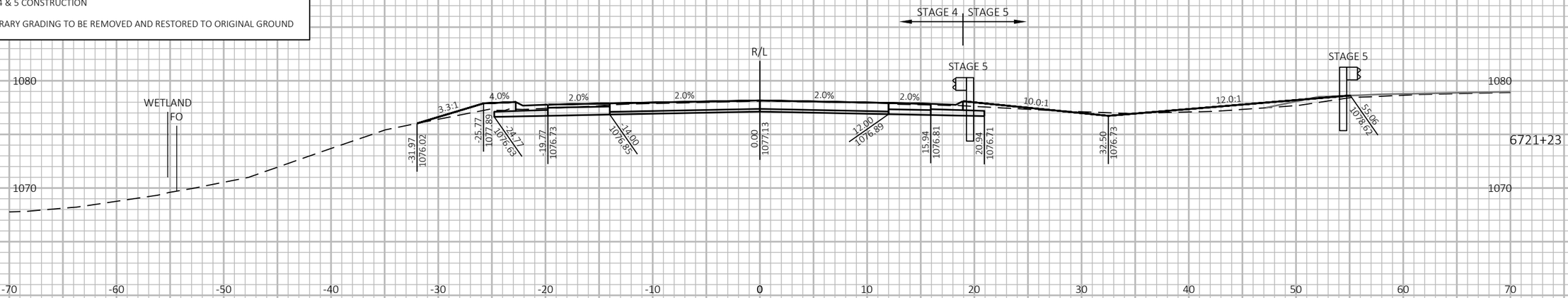
EXISTING GROUND

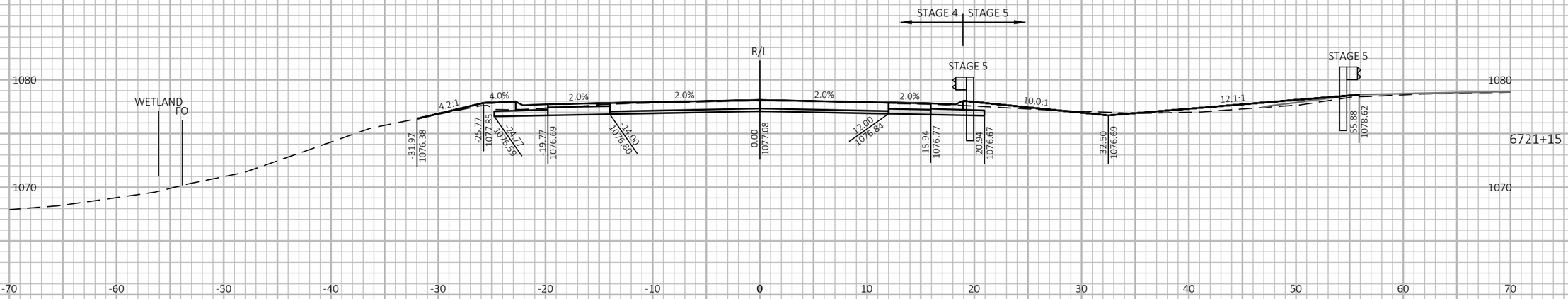
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

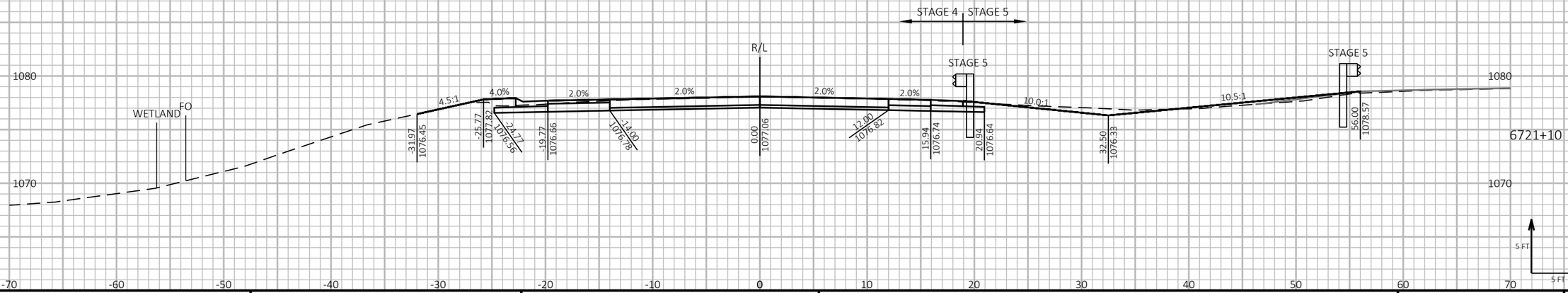
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1066	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 30

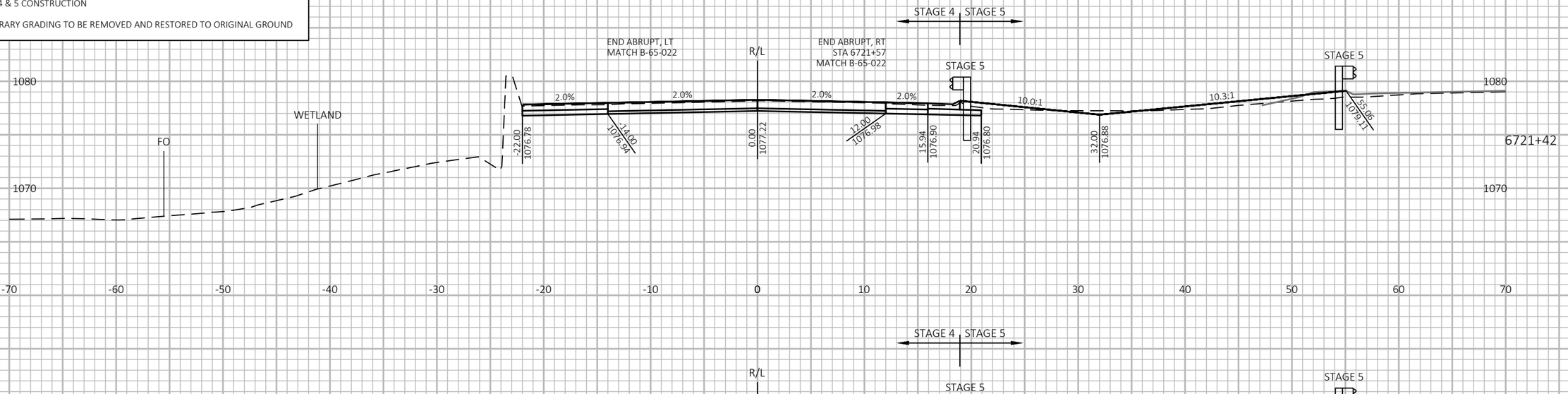
PLOT DATE : 2/24/2022 7:38 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

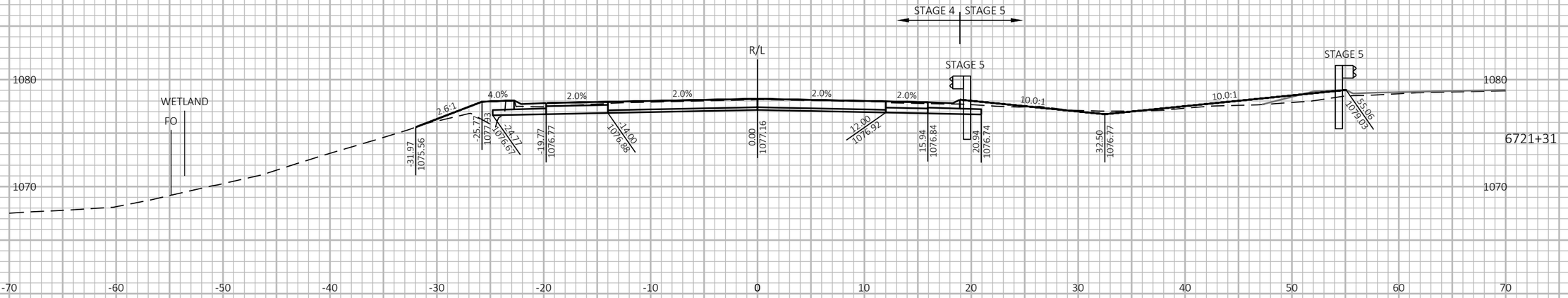
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

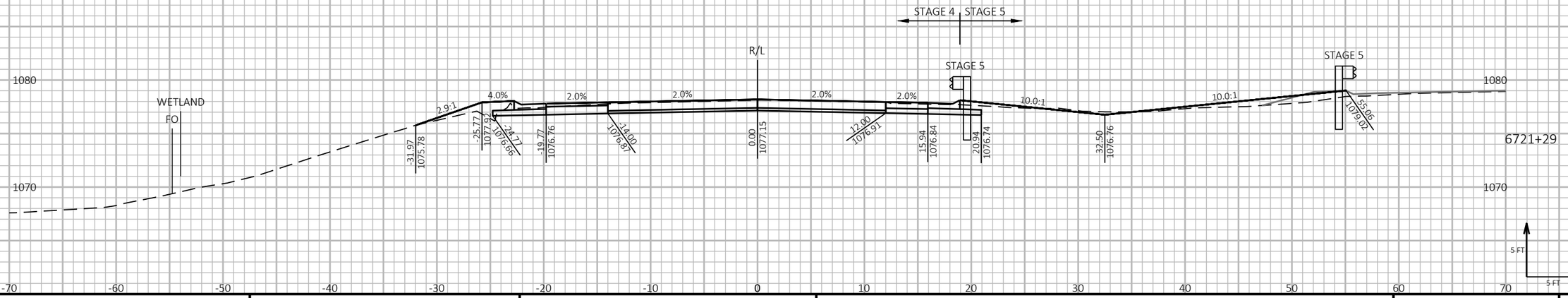
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1067	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090235-XS-S4.DWG
LAYOUT NAME - 31

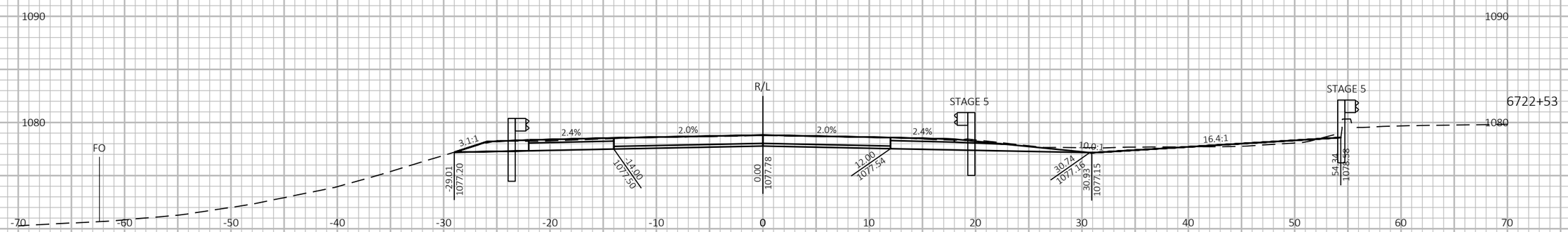
PLOT DATE : 2/24/2022 7:39 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

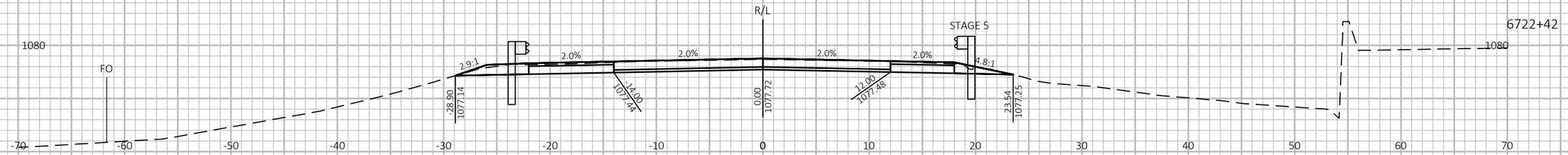
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

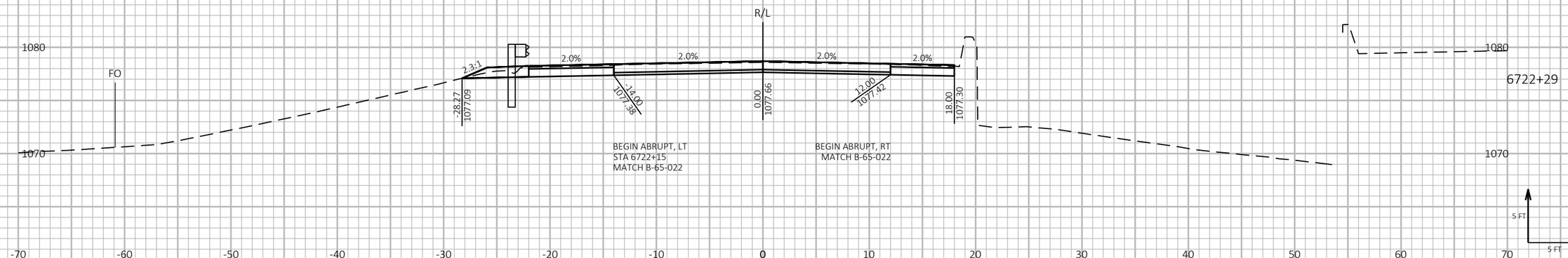
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1068 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 01

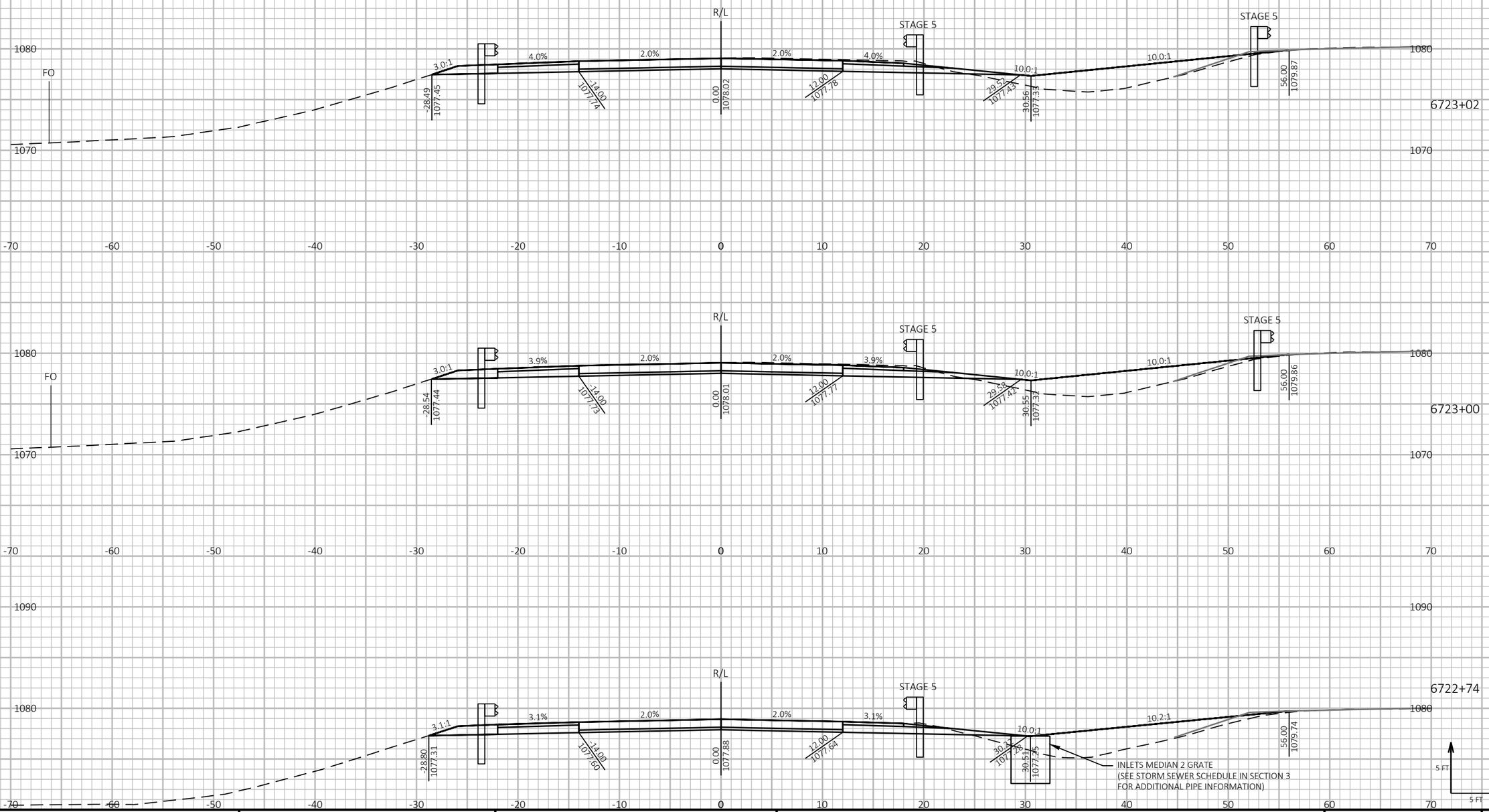
PLOT DATE : 10/5/2022 9:25 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1069	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 10/5/2022 9:25 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

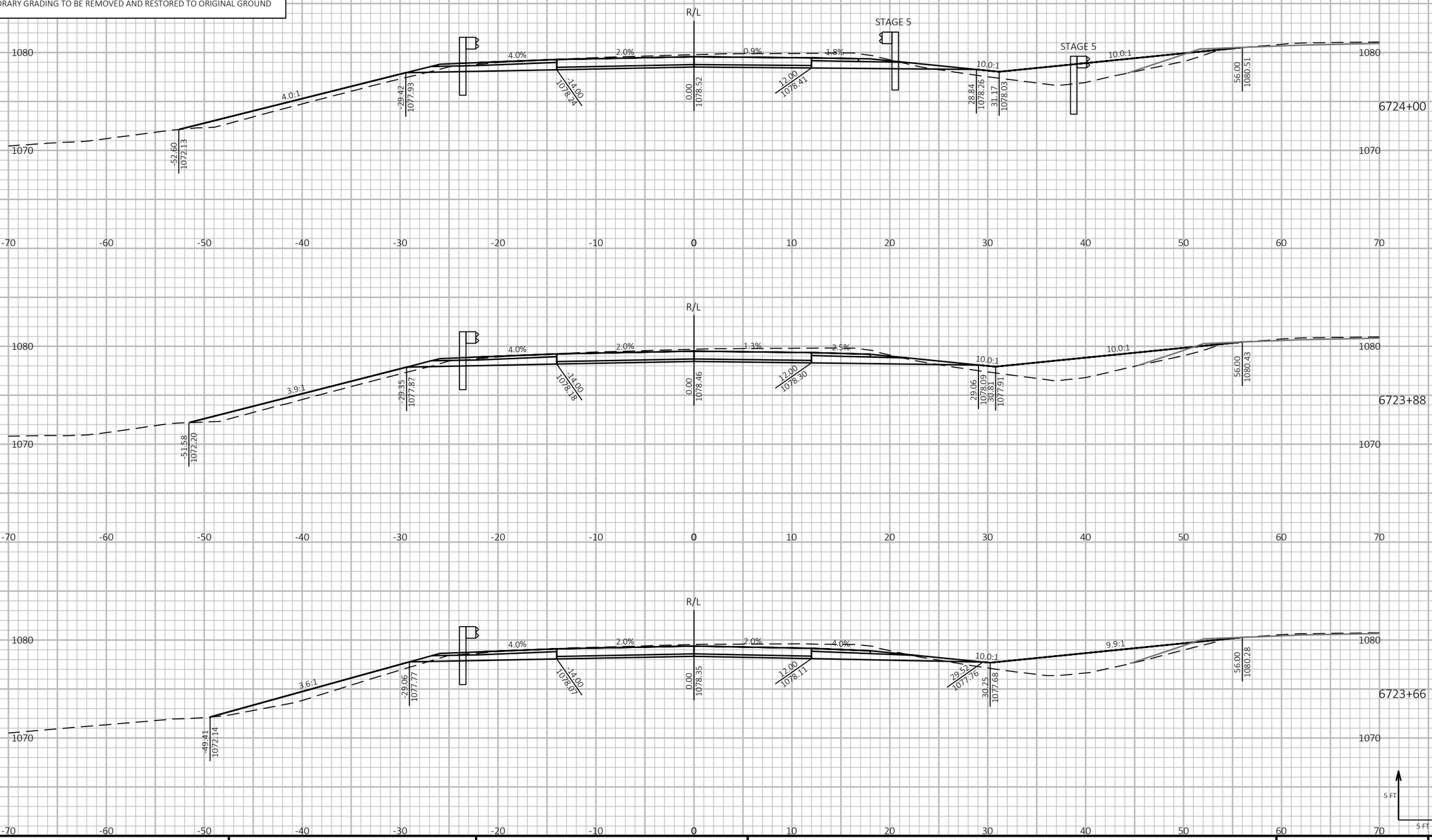
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1070	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 10/5/2022 9:25 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

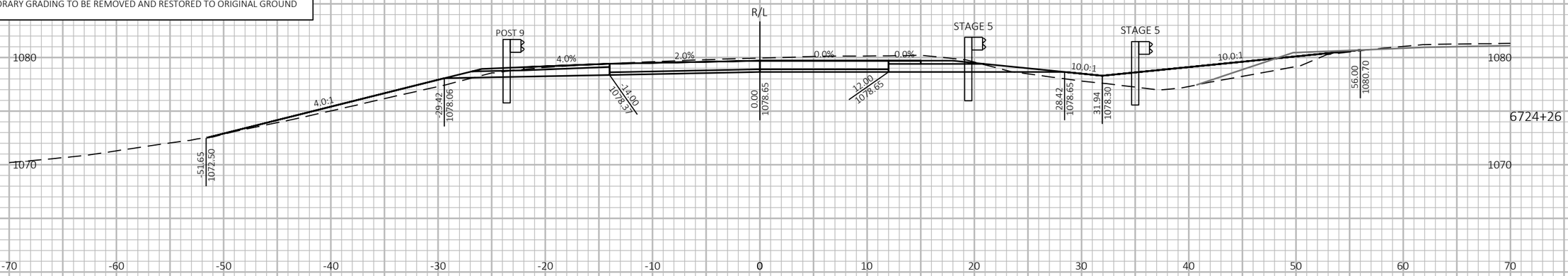
EXISTING GROUND

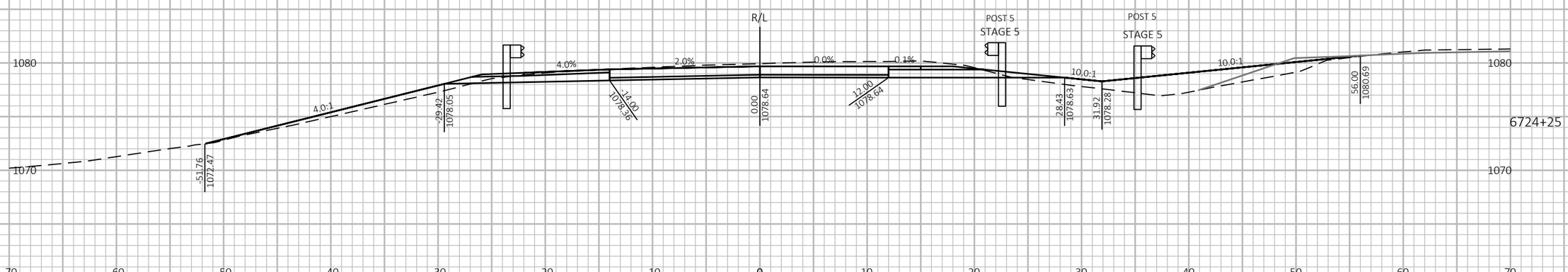
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

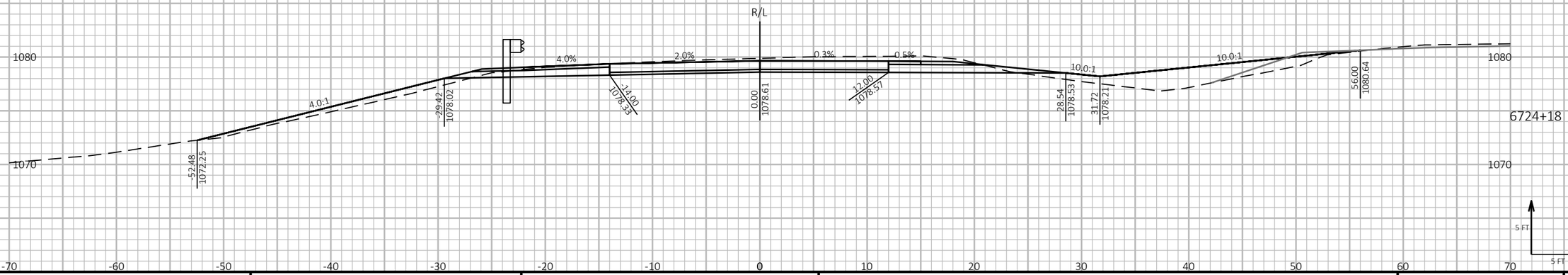
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1071	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 04

PLOT DATE : 10/5/2022 9:26 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

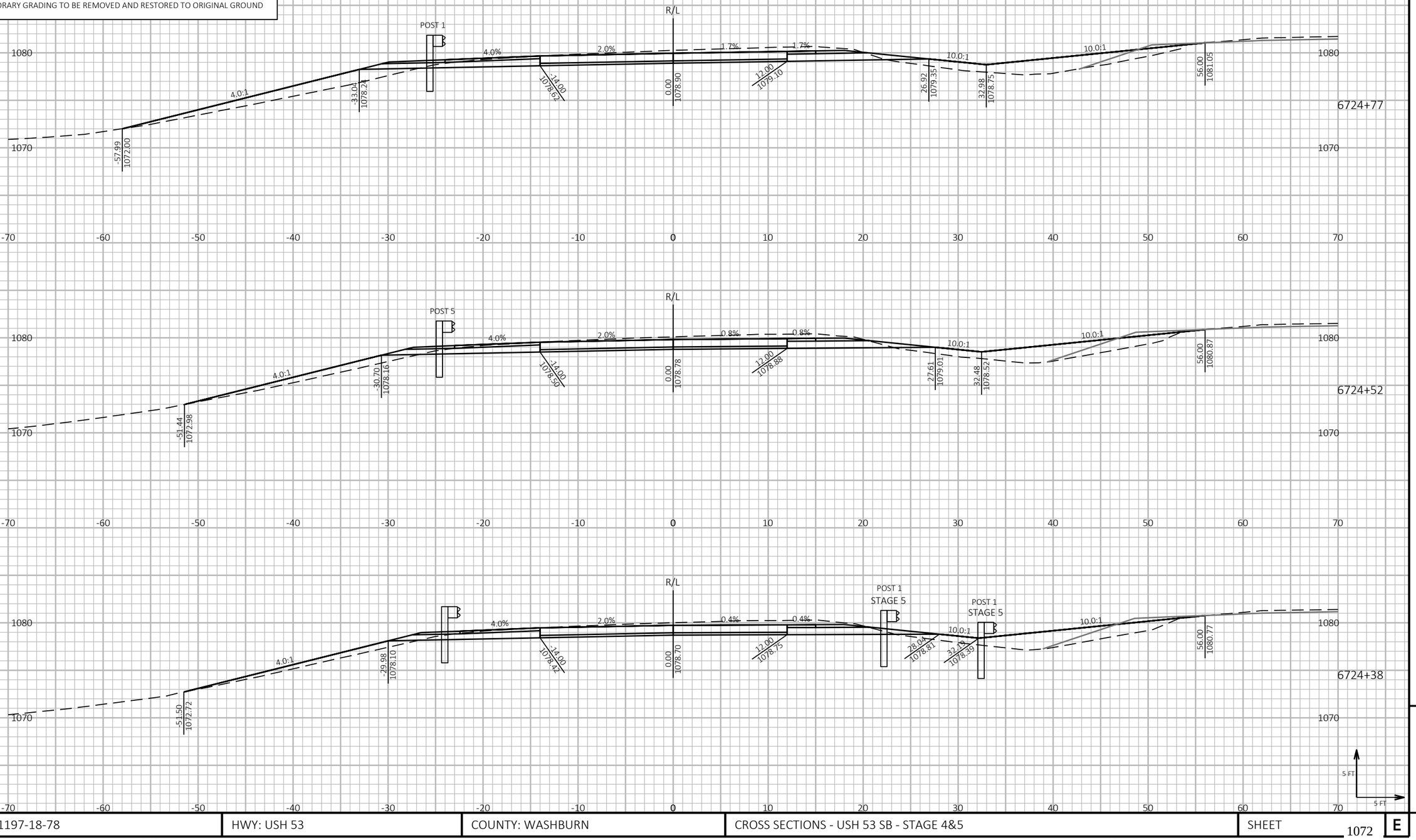
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1072	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 05

PLOT DATE : 10/5/2022 9:26 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND

9 9

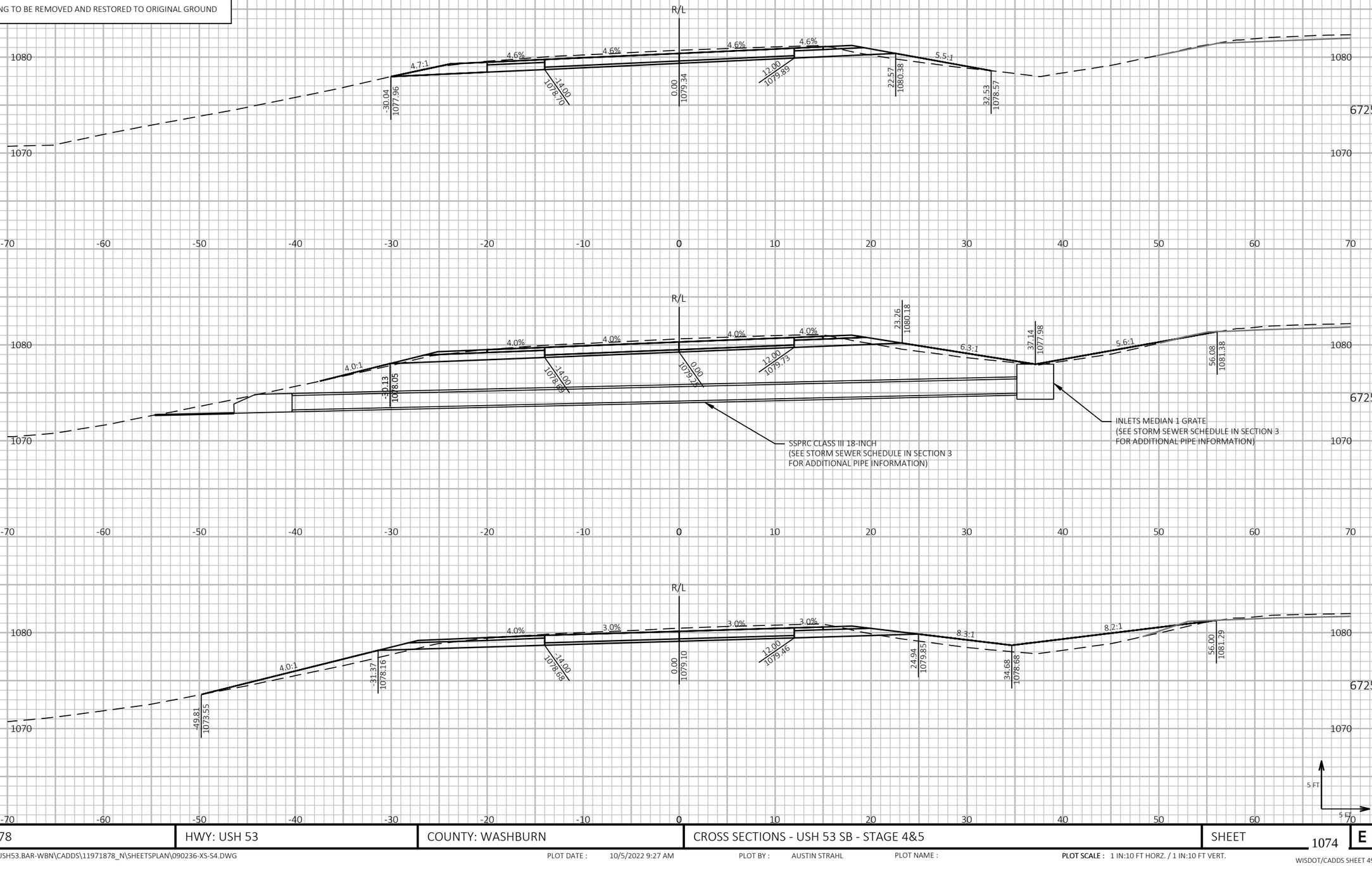
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1073	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 10/5/2022 9:26 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1074 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 07

PLOT DATE : 10/5/2022 9:27 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1075	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 08

PLOT DATE : 10/5/2022 9:27 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

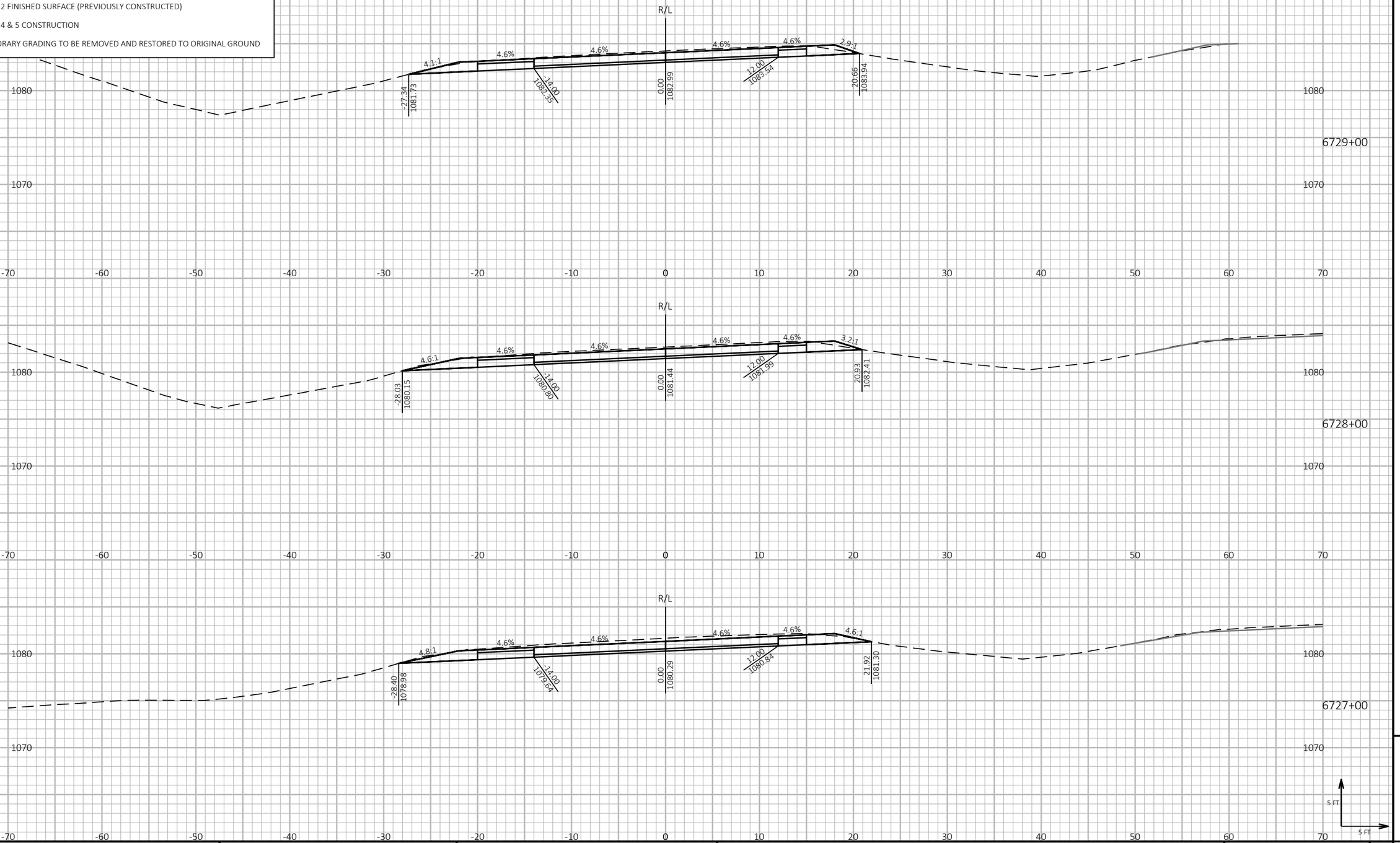
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1076	E

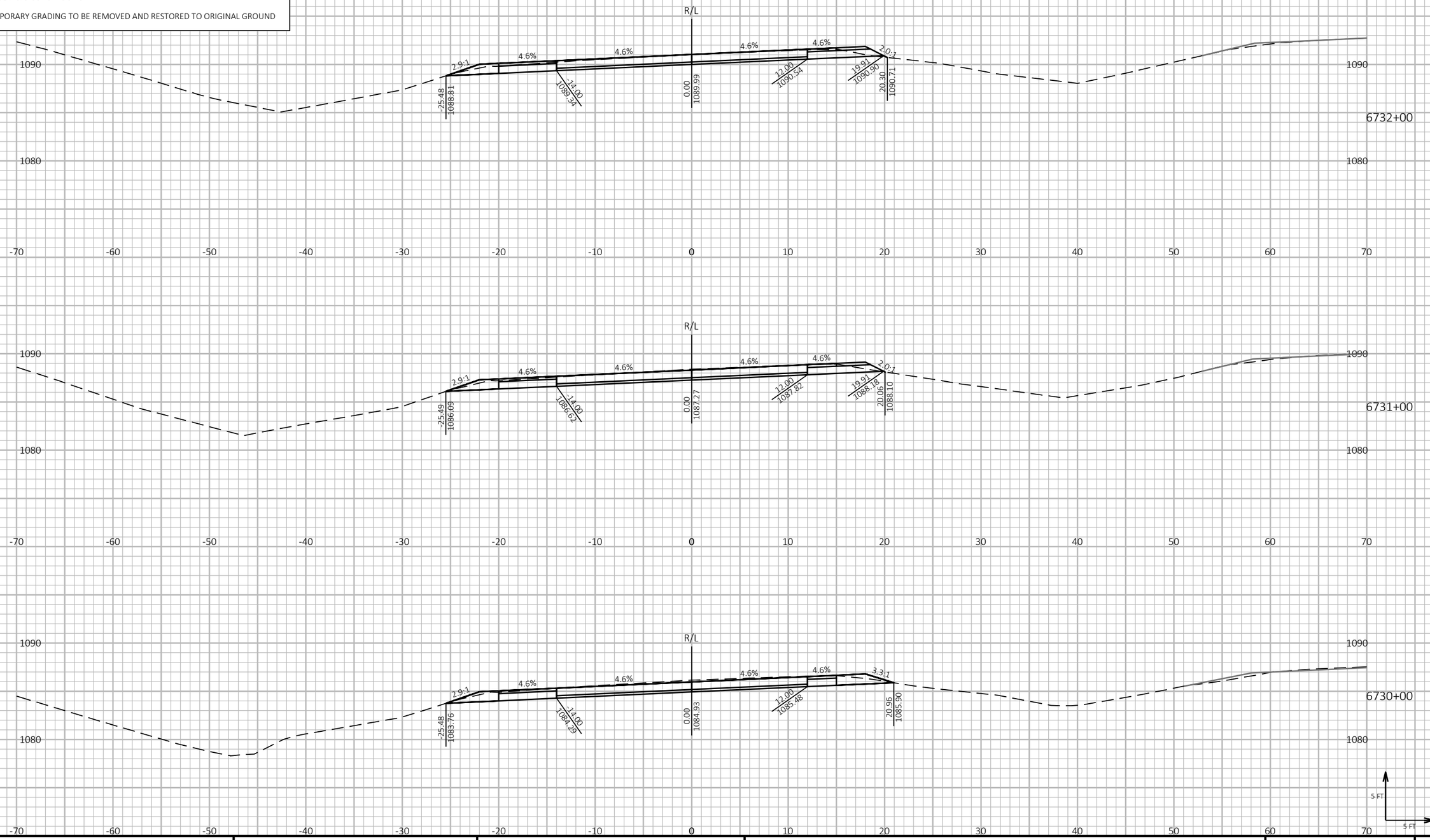
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 10/5/2022 9:27 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1077	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 10

PLOT DATE : 10/5/2022 9:28 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

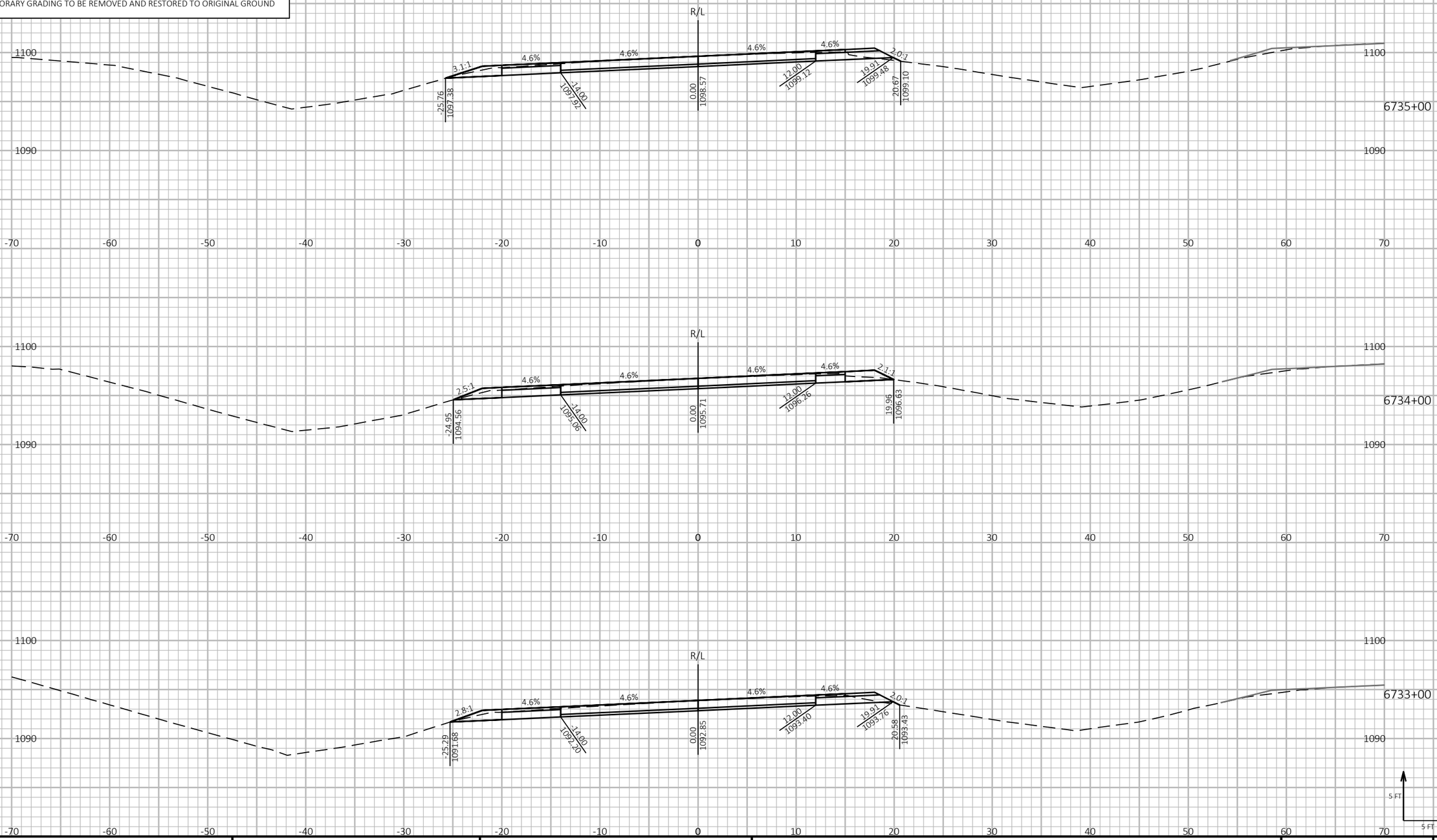
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1078	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 11

PLOT DATE : 10/5/2022 9:28 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

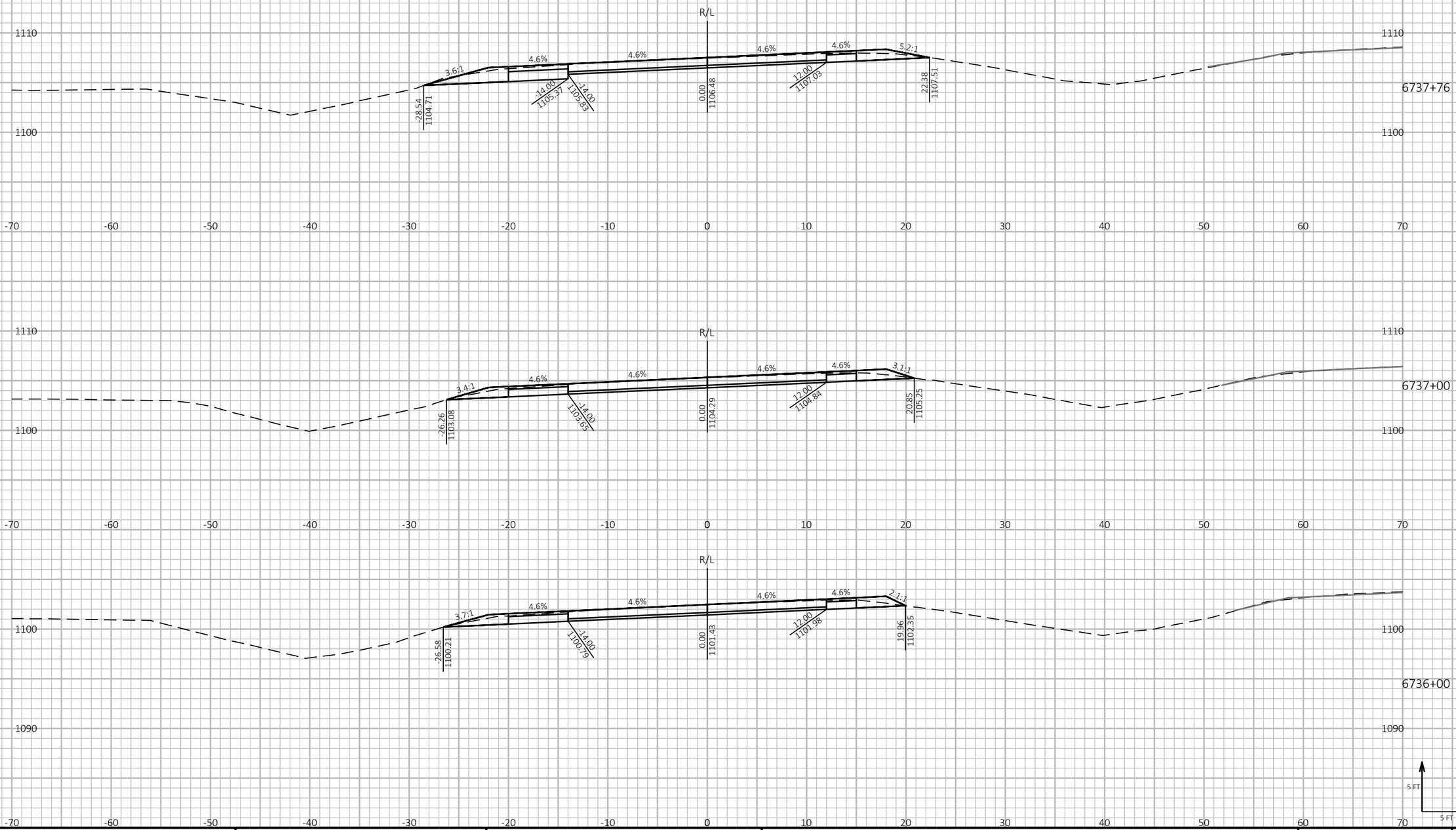
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1079	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 12

PLOT DATE : 10/5/2022 9:28 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

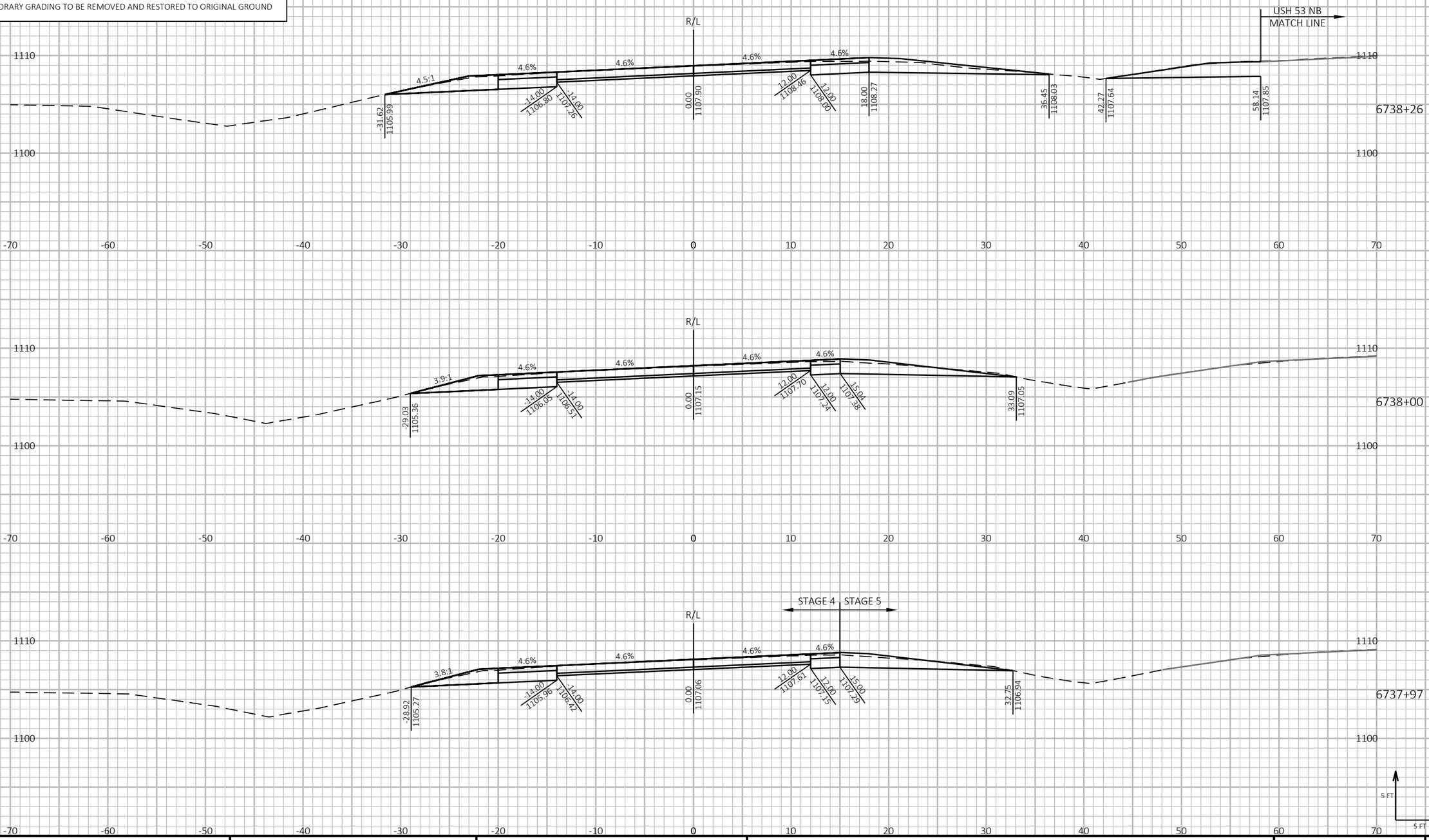
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1080	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 13

PLOT DATE : 10/5/2022 9:29 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

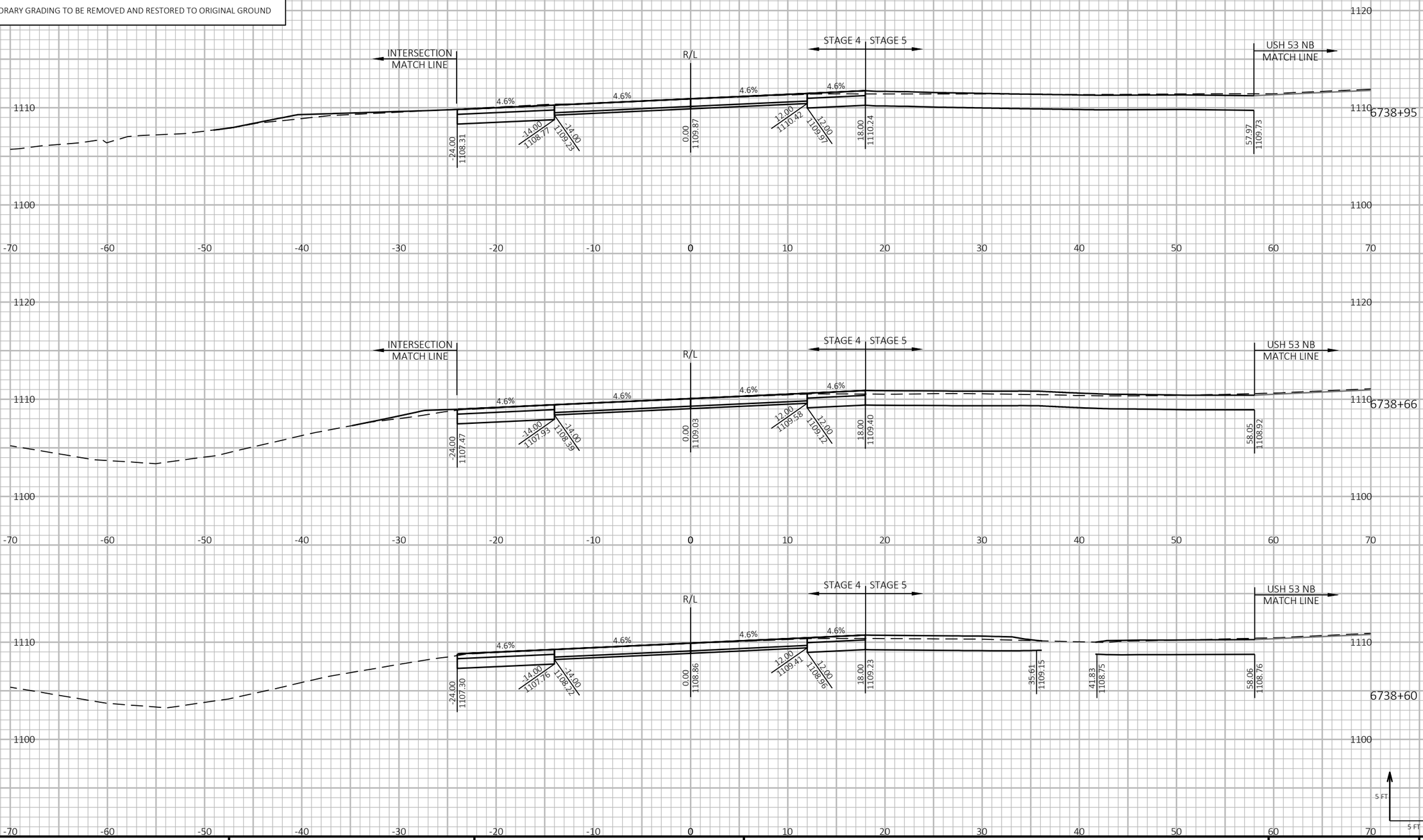
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1081	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 14

PLOT DATE : 10/5/2022 9:29 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

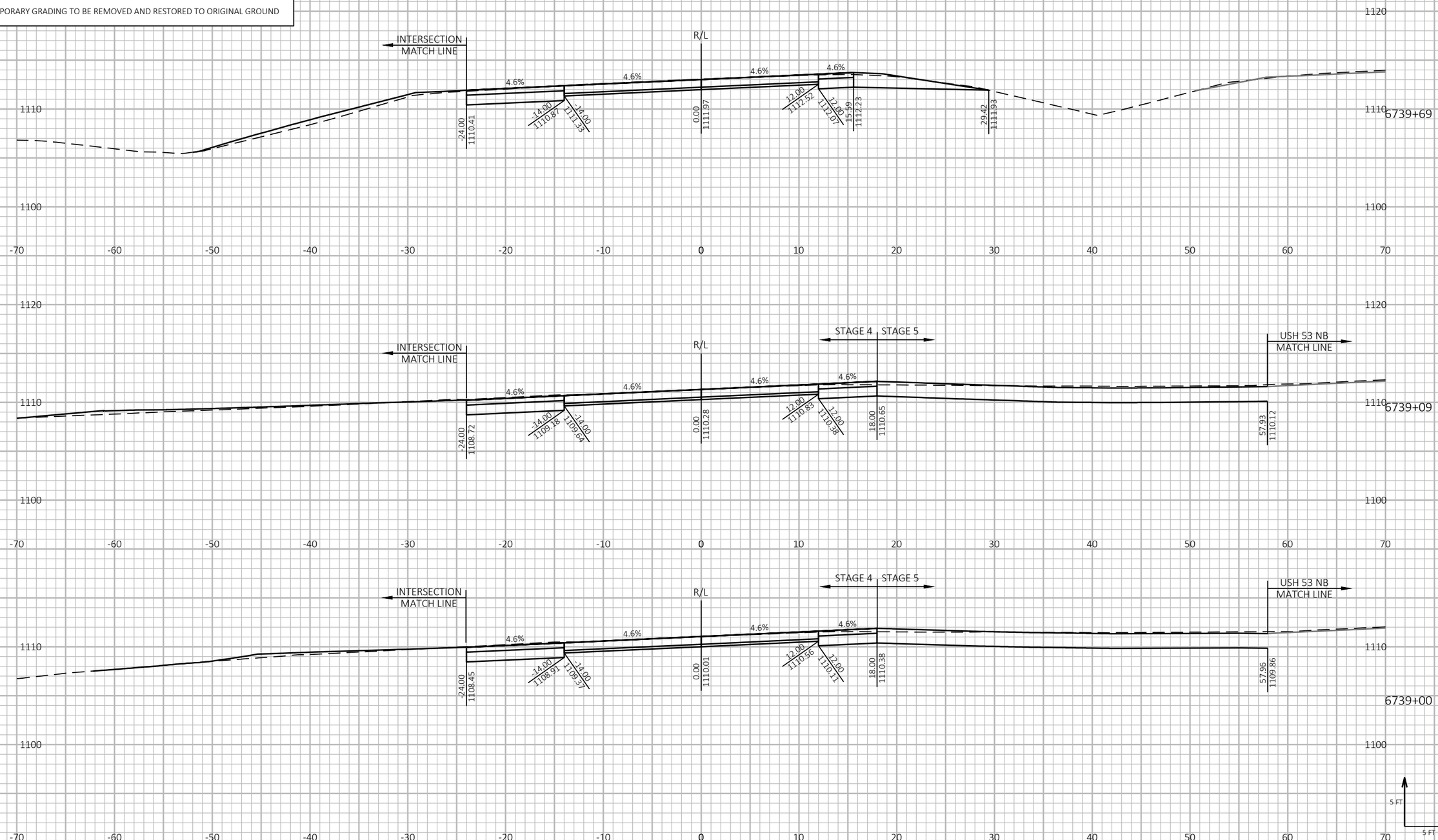
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1082	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 15

PLOT DATE : 10/5/2022 9:29 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

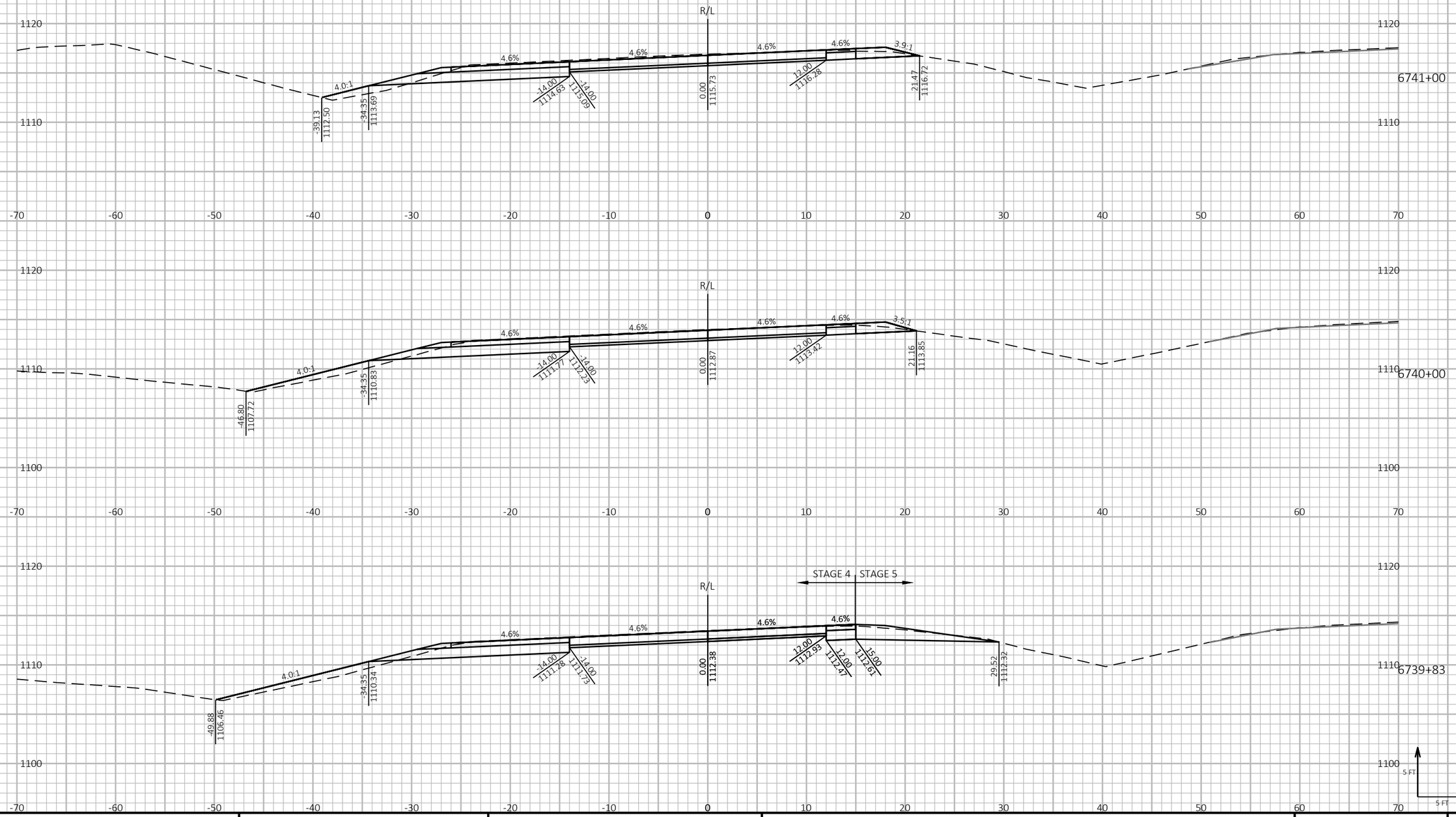
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1083 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 16

PLOT DATE : 10/5/2022 9:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

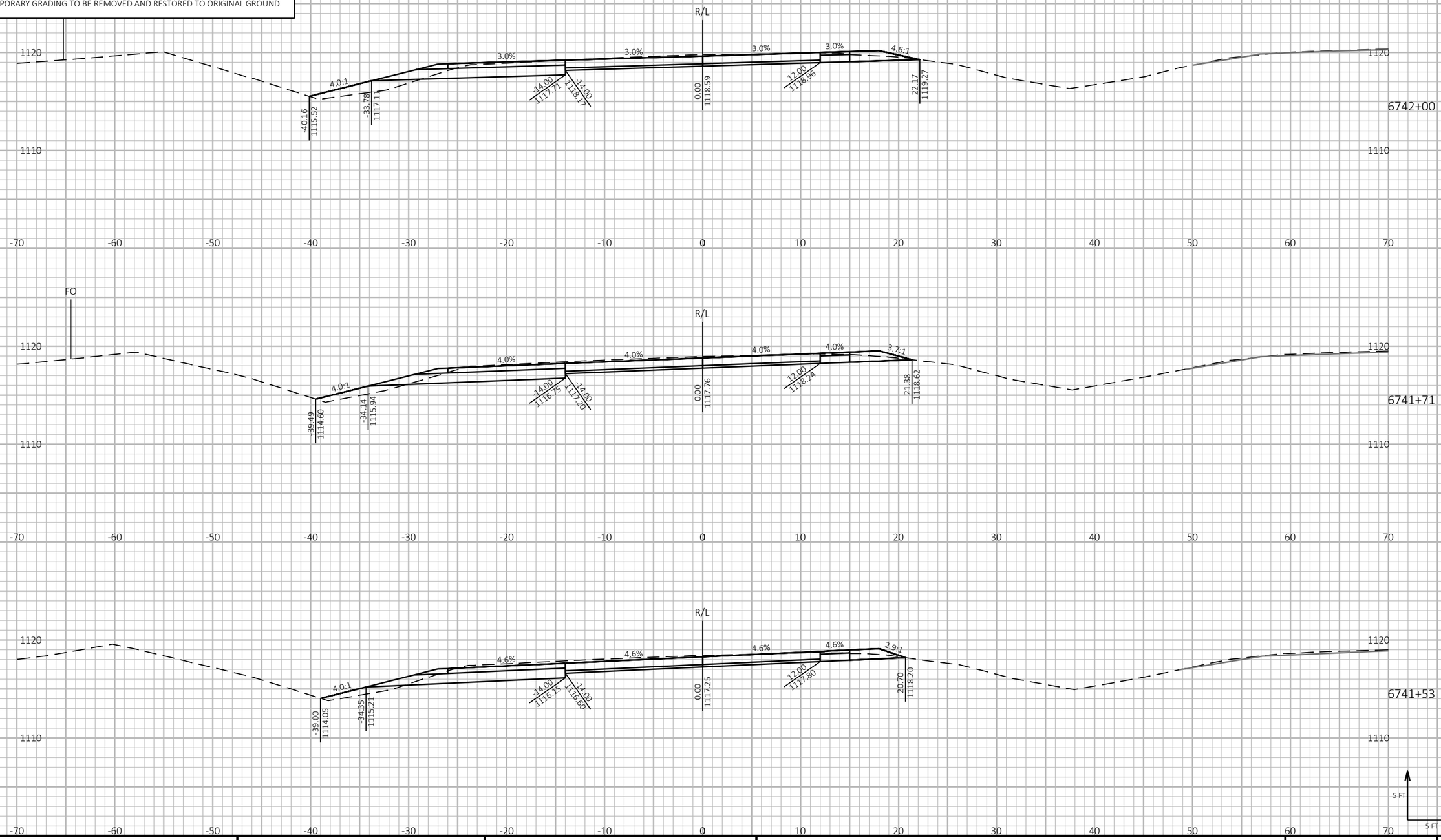
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1084	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 17

PLOT DATE : 10/5/2022 9:30 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

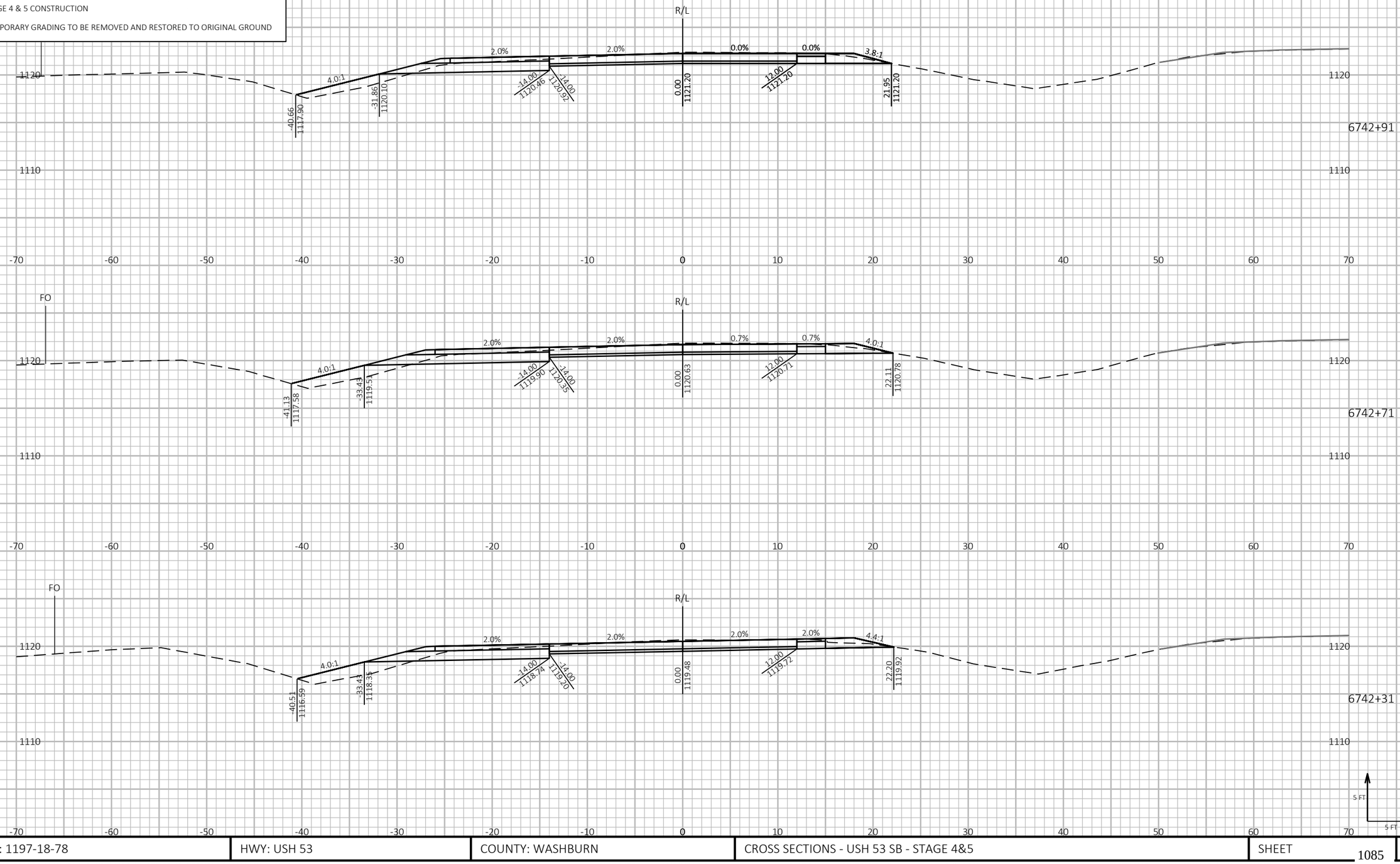
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1085	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 18

PLOT DATE : 10/5/2022 9:31 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

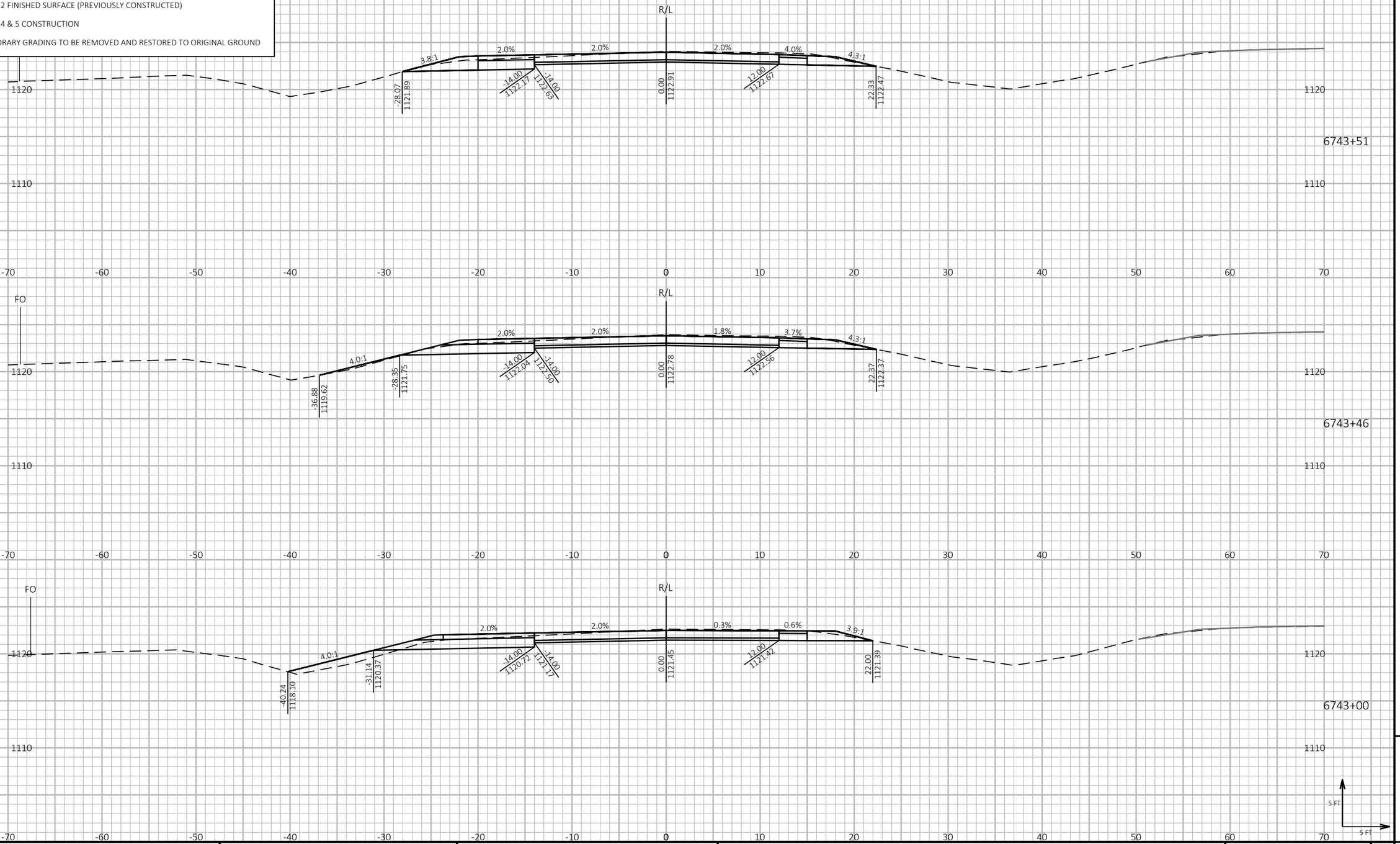
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1086	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 19

PLOT DATE : 10/5/2022 9:31 AM

PLOT BY : AUSTIN STRAHL

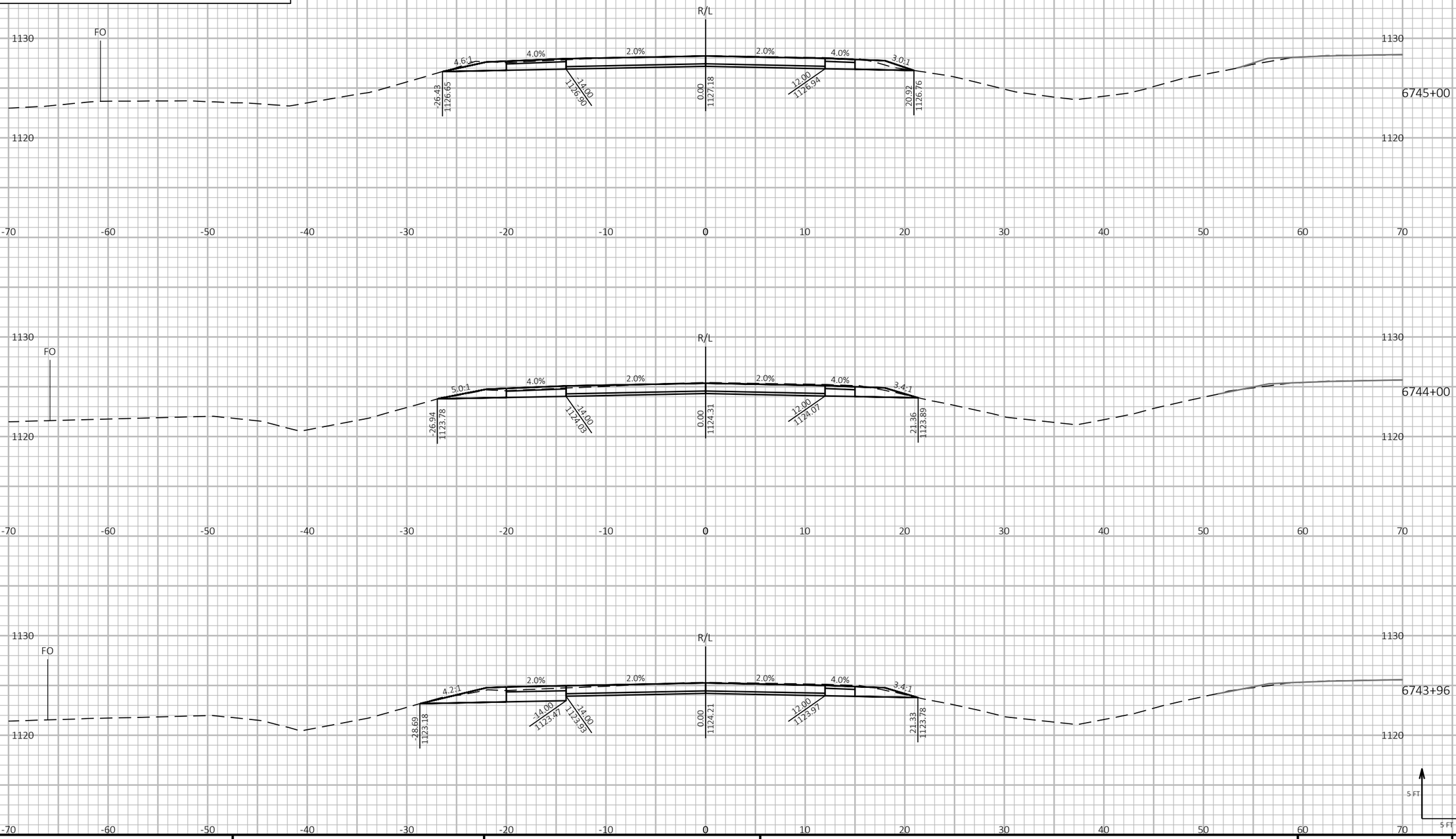
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1087	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 20

PLOT DATE : 10/5/2022 9:31 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1088 E

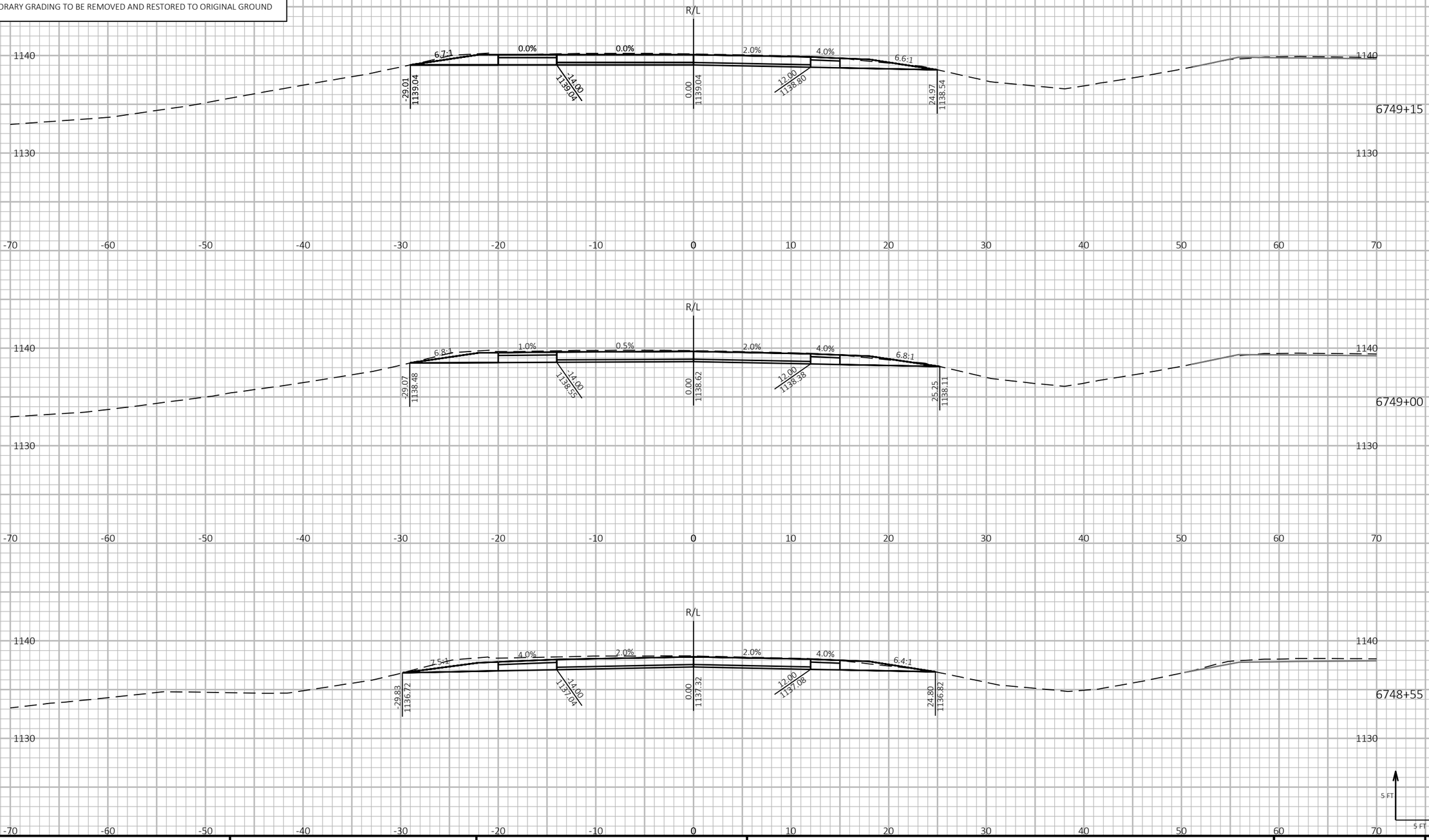
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 21

PLOT DATE : 10/5/2022 9:32 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1089	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 22

PLOT DATE : 10/5/2022 9:32 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

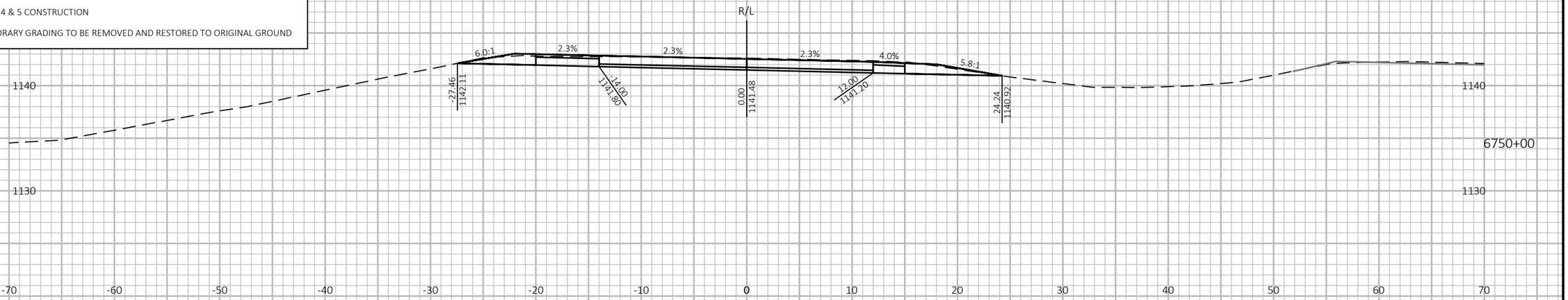
EXISTING GROUND

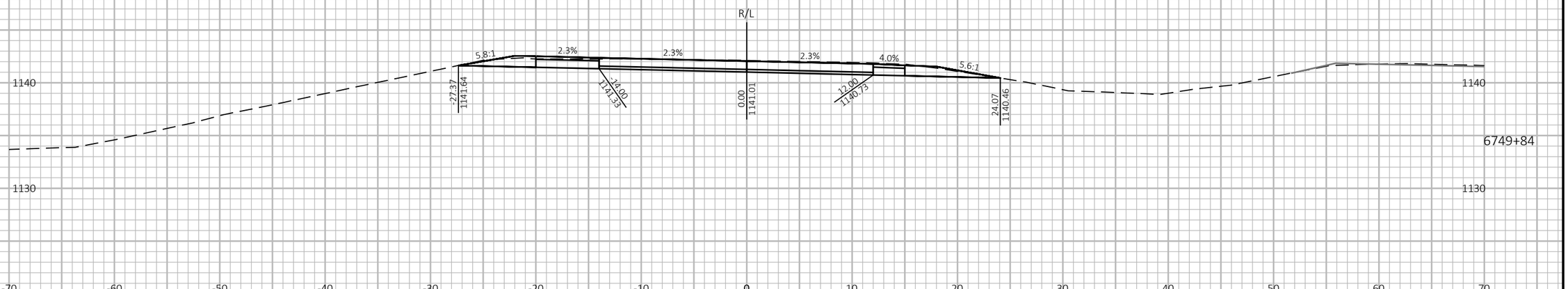
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

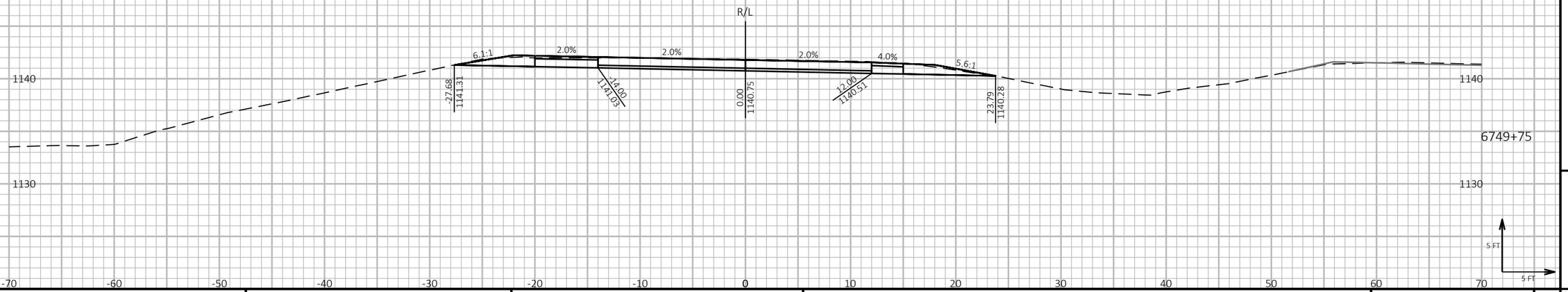
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1090	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 23

PLOT DATE : 10/5/2022 9:32 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

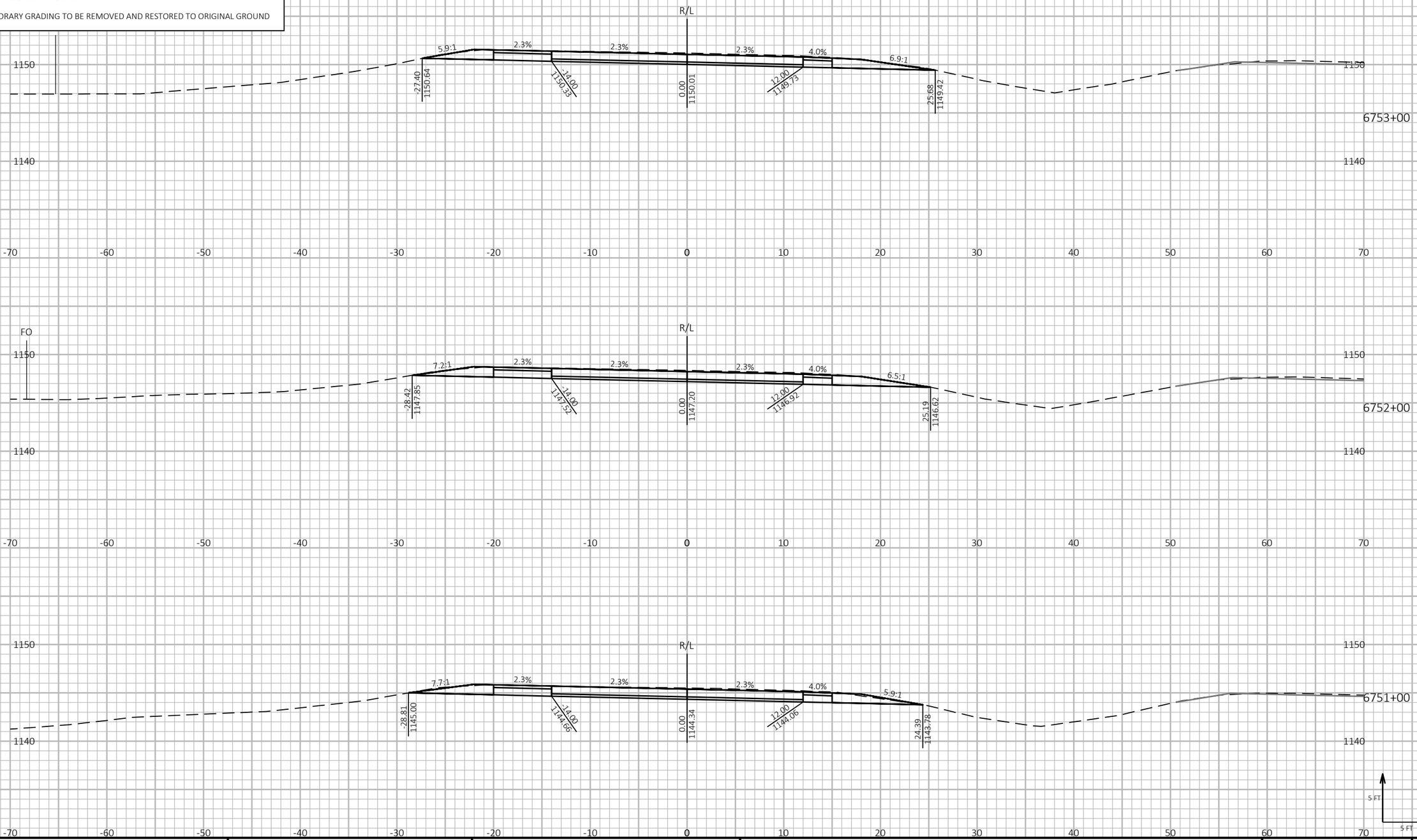
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1091	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 24

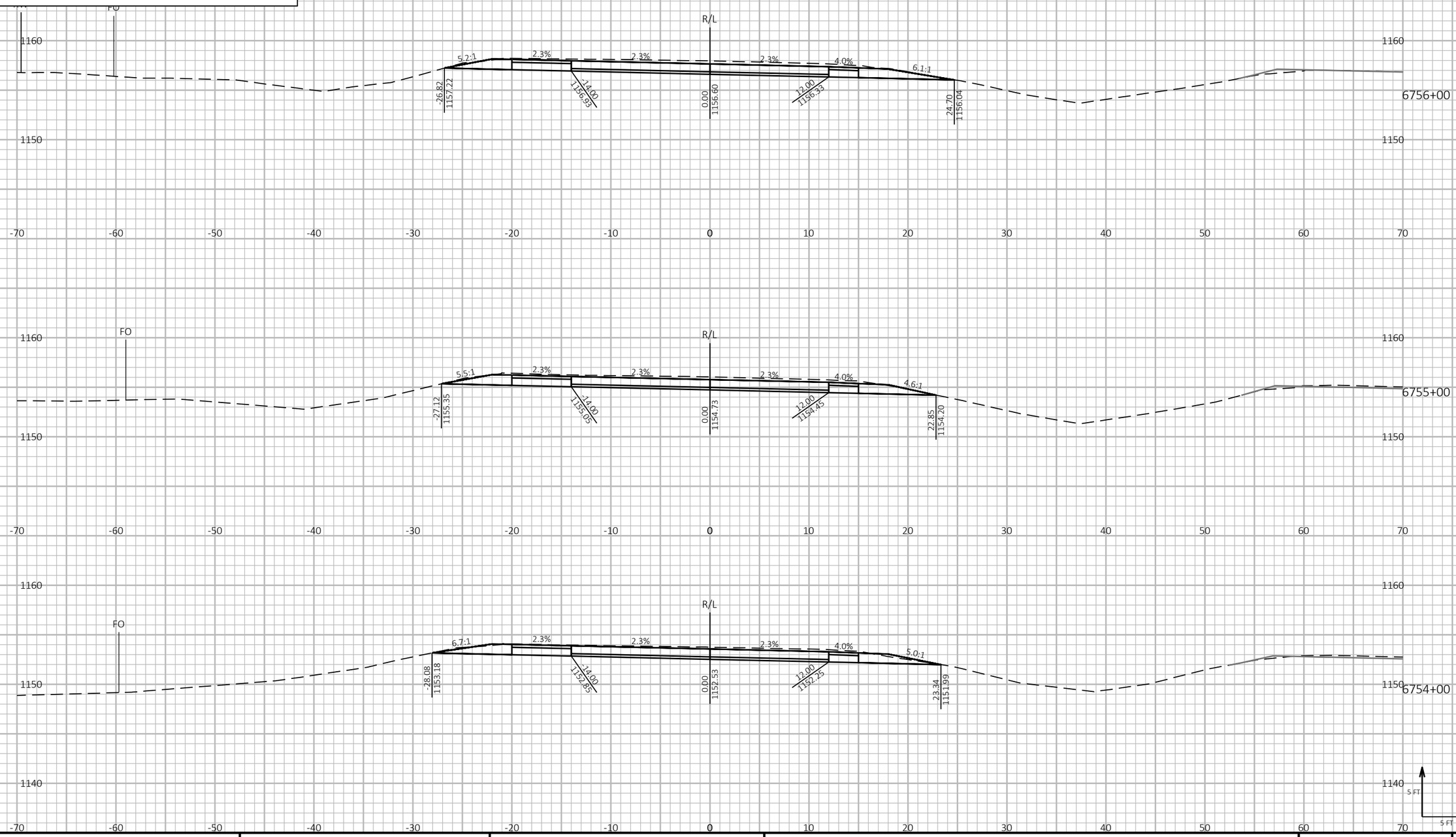
PLOT DATE : 10/5/2022 9:33 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1092	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 25

PLOT DATE : 10/5/2022 9:33 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

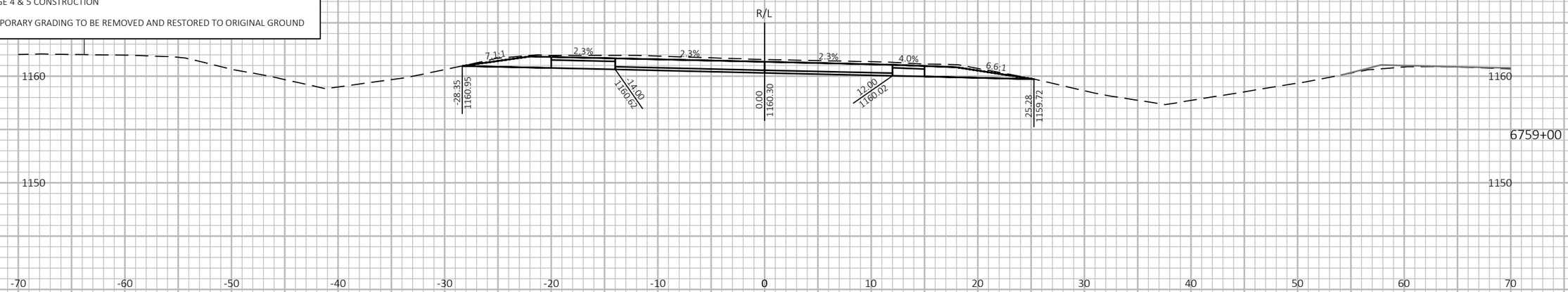
EXISTING GROUND

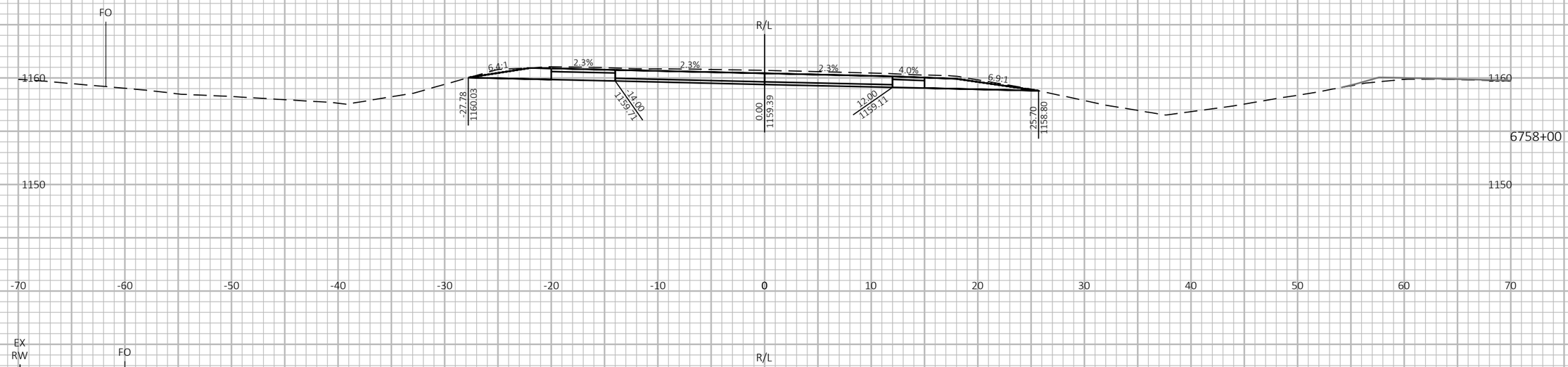
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

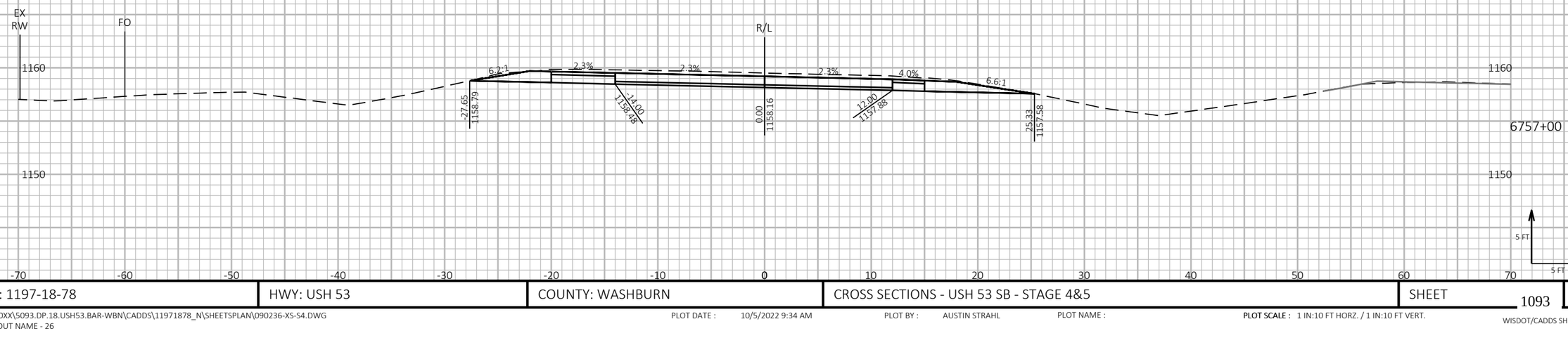
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1093	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 26

PLOT DATE : 10/5/2022 9:34 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

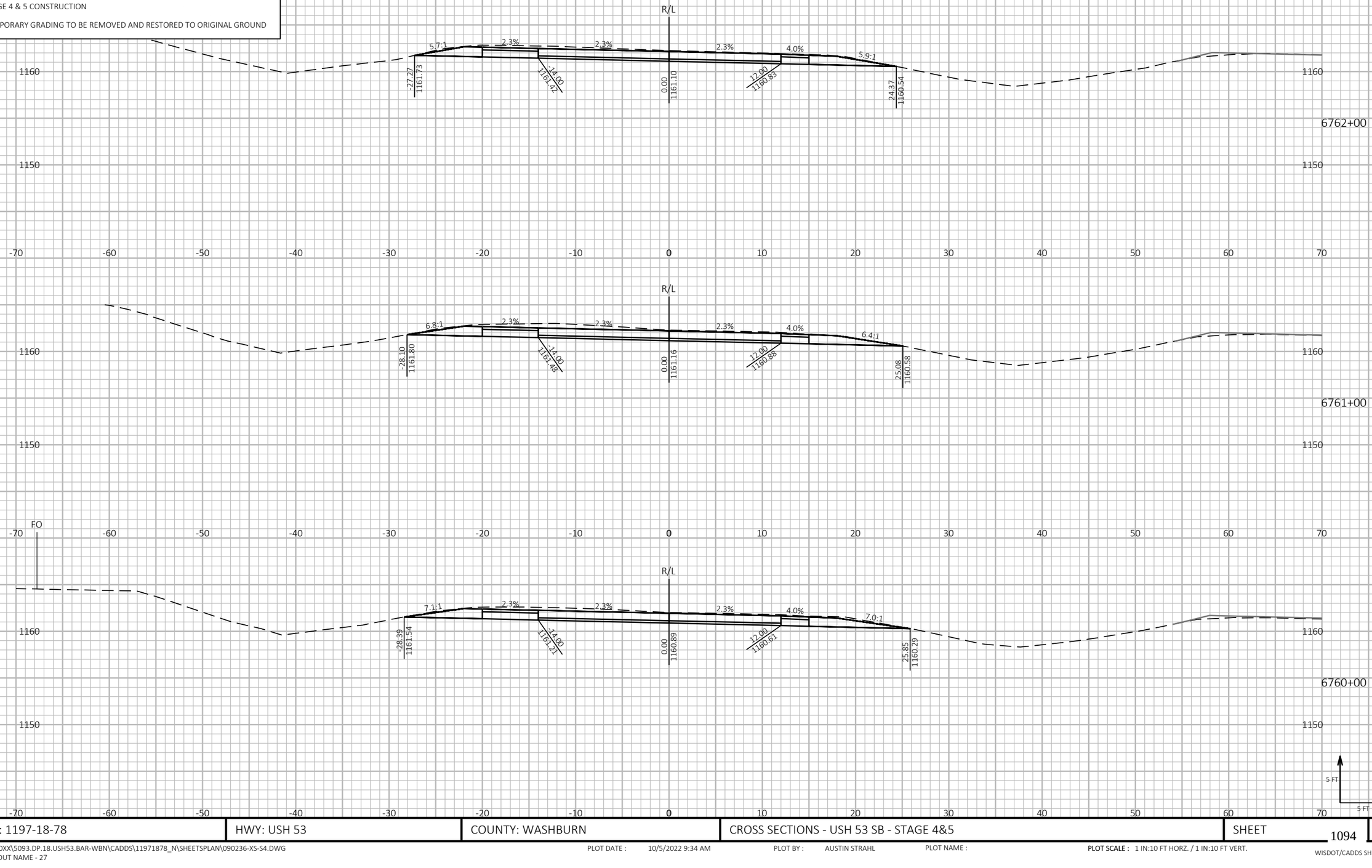
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1094	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 27

PLOT DATE : 10/5/2022 9:34 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

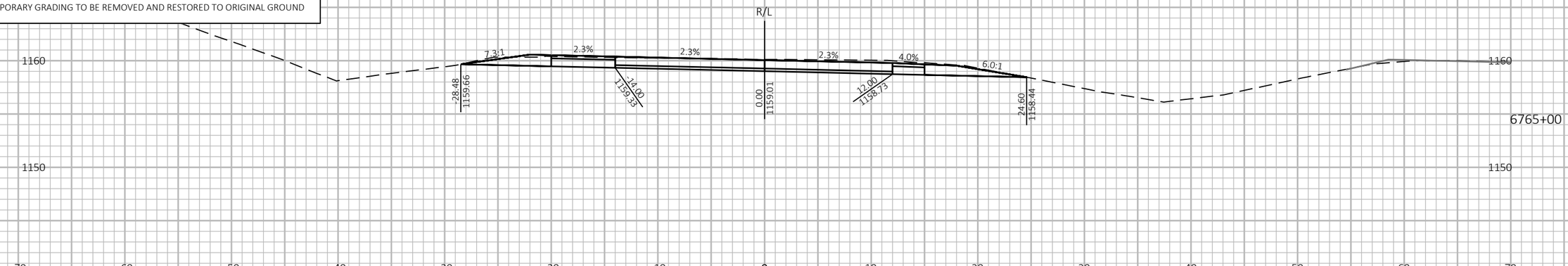
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



6765+00

6764+00



6763+00

5 FT

5 FT

9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1095	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 28

PLOT DATE : 10/5/2022 9:34 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

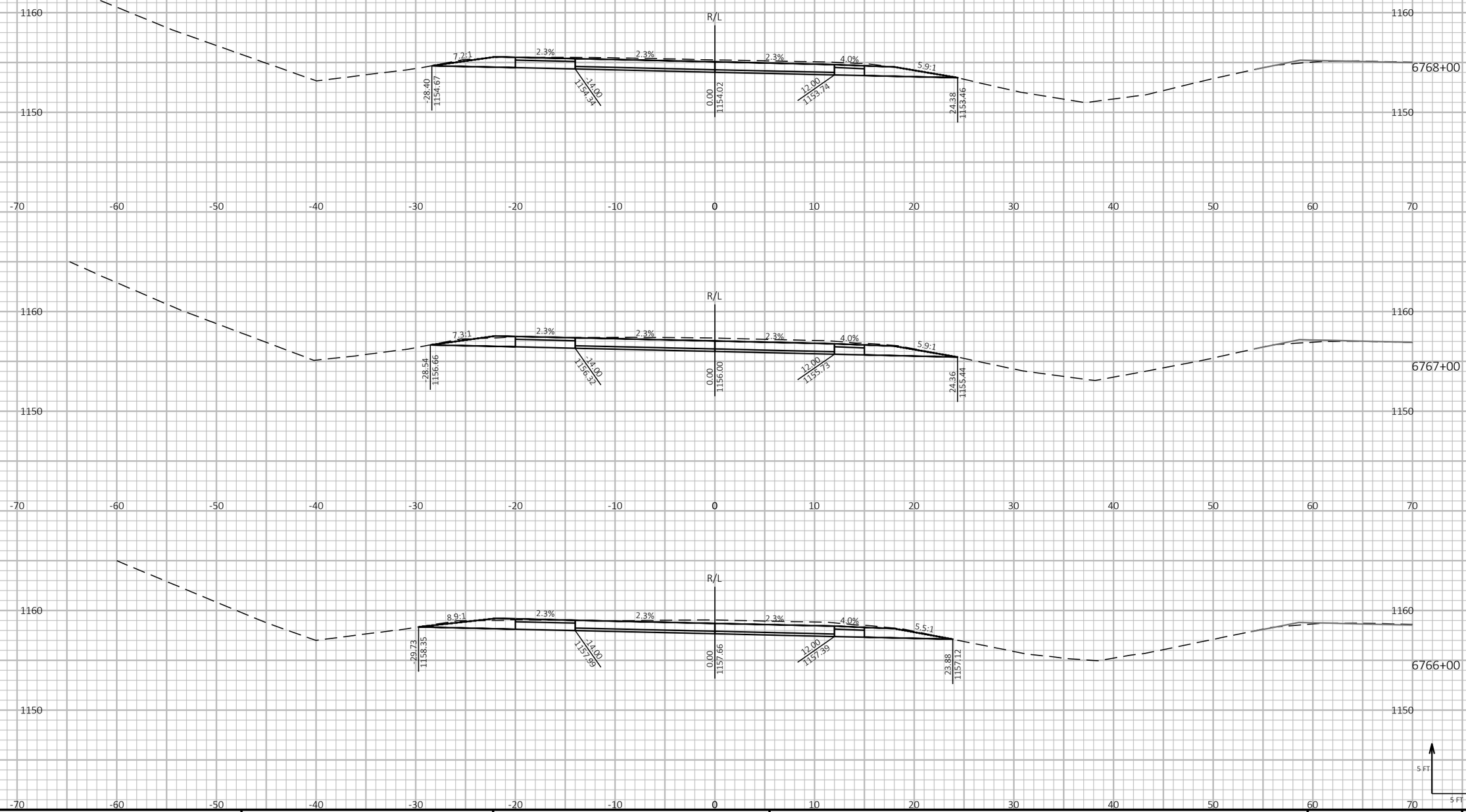
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1096	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 29

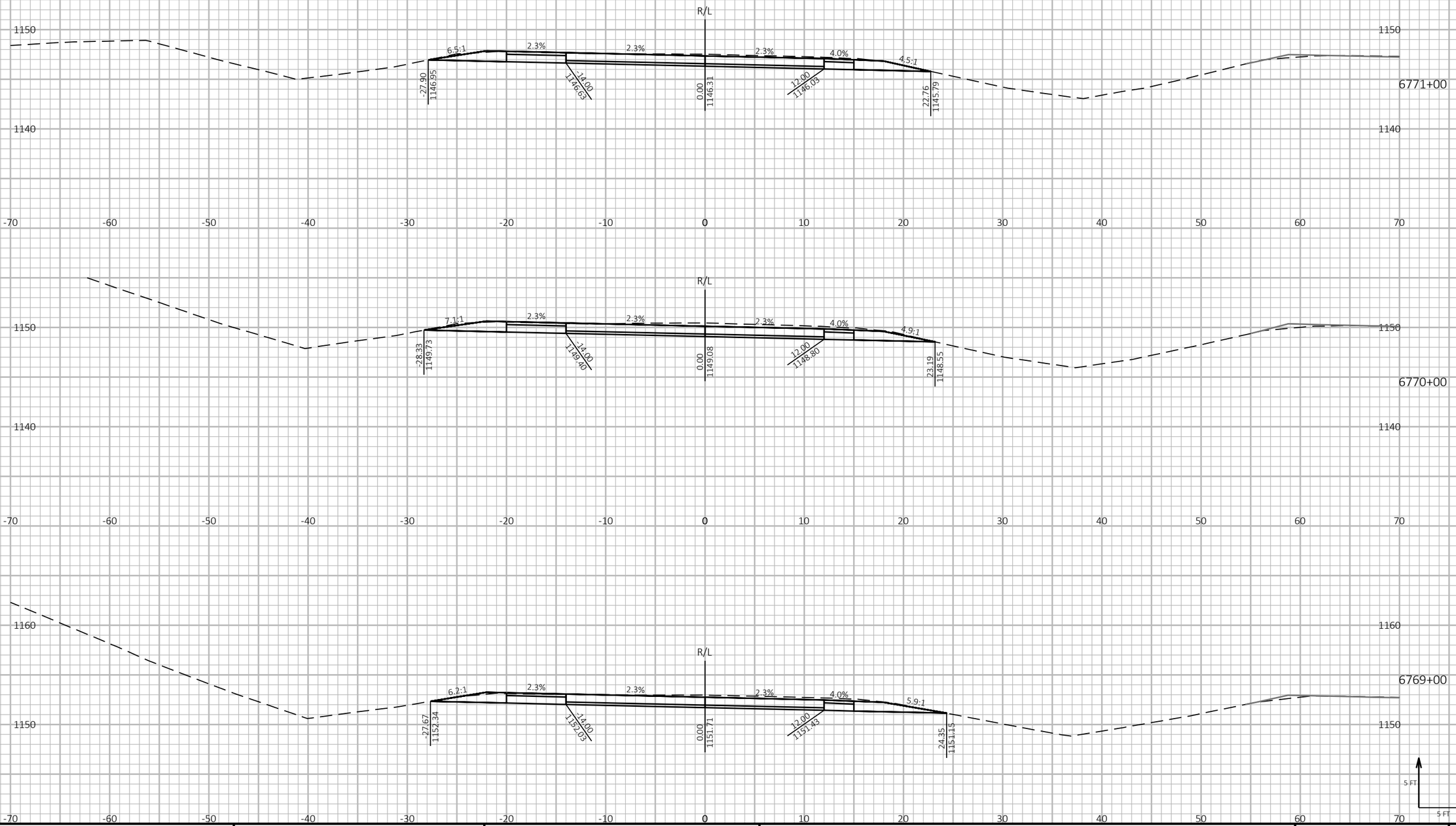
PLOT DATE : 10/5/2022 9:35 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1097	E

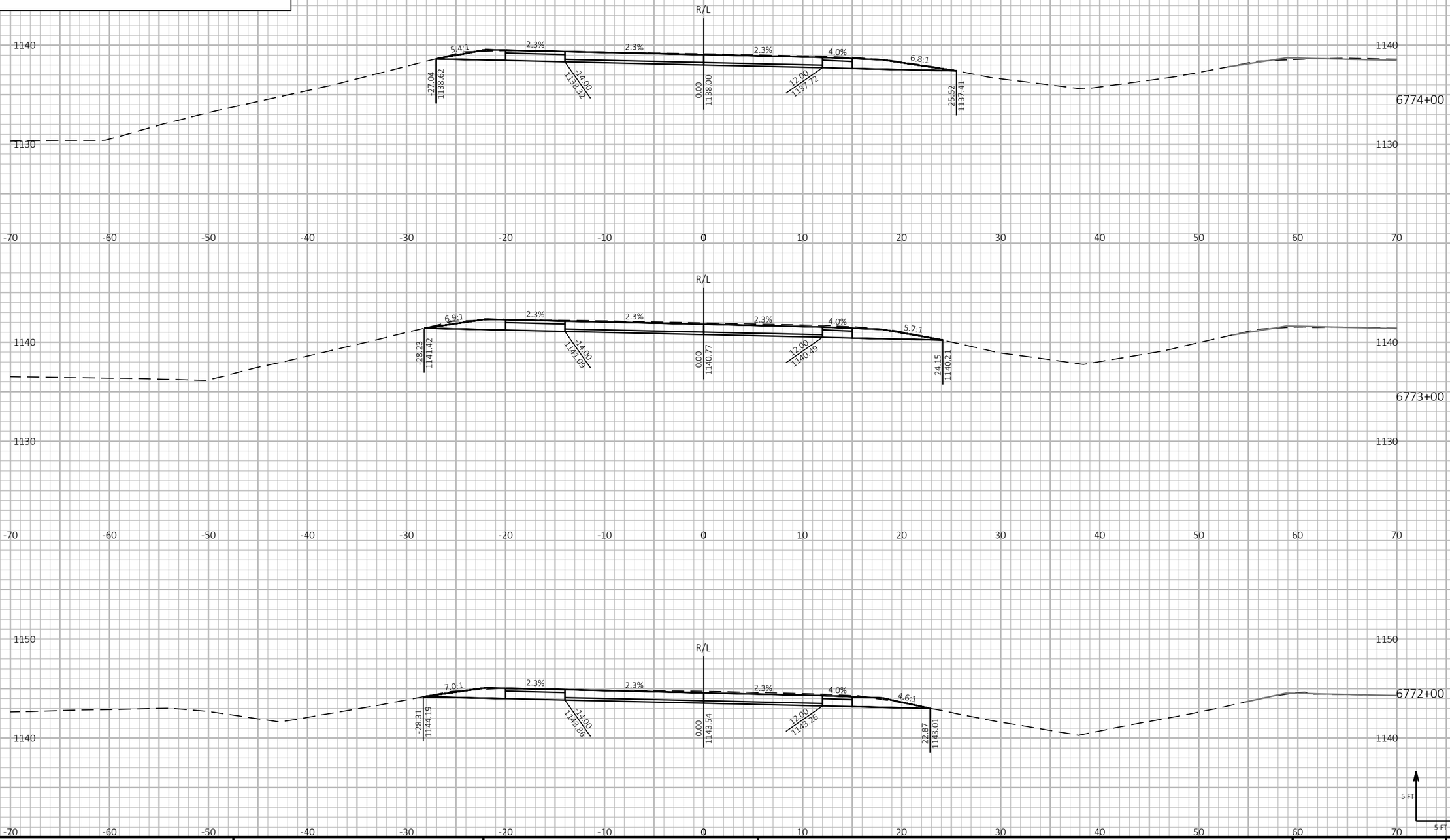
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 30

PLOT DATE : 10/5/2022 9:35 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1098	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 31

PLOT DATE : 10/5/2022 9:35 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

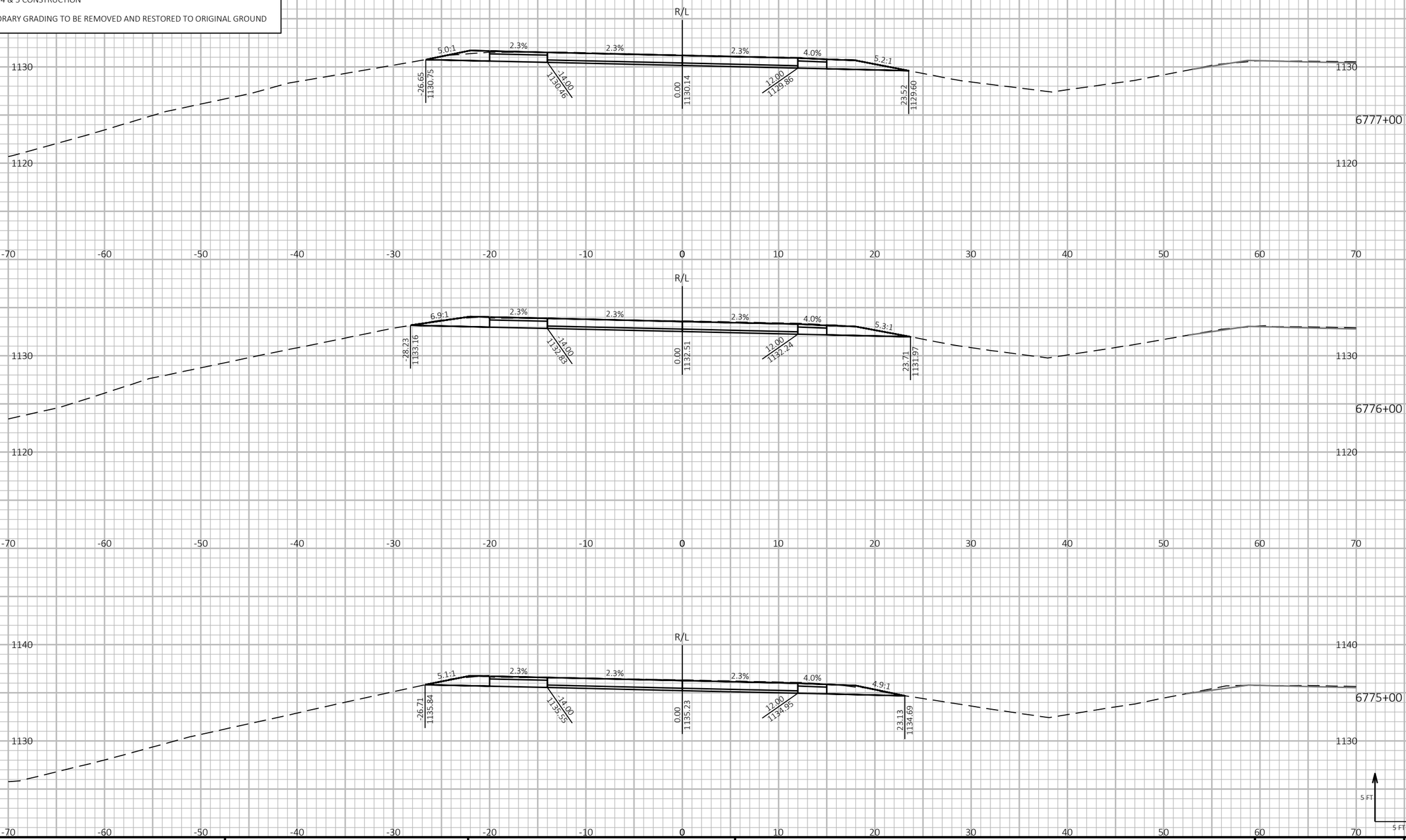
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1099	E

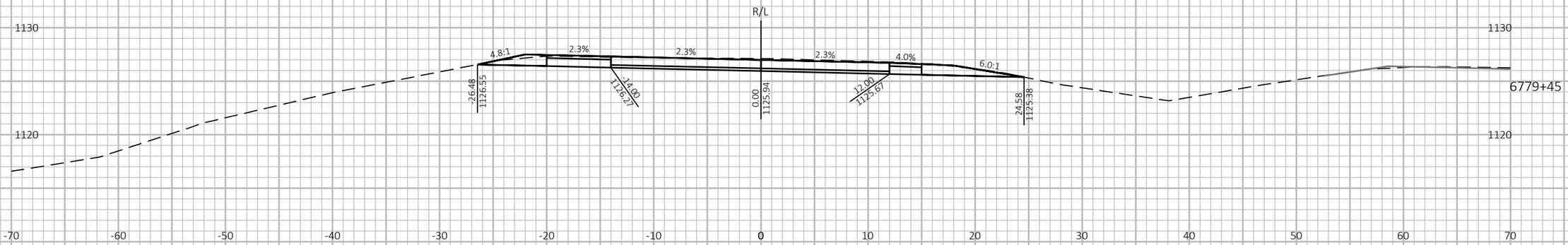
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 32

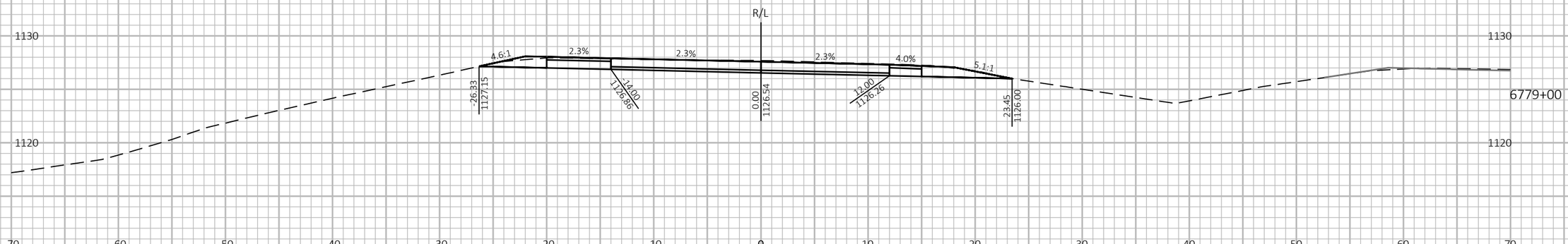
PLOT DATE : 10/5/2022 9:36 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

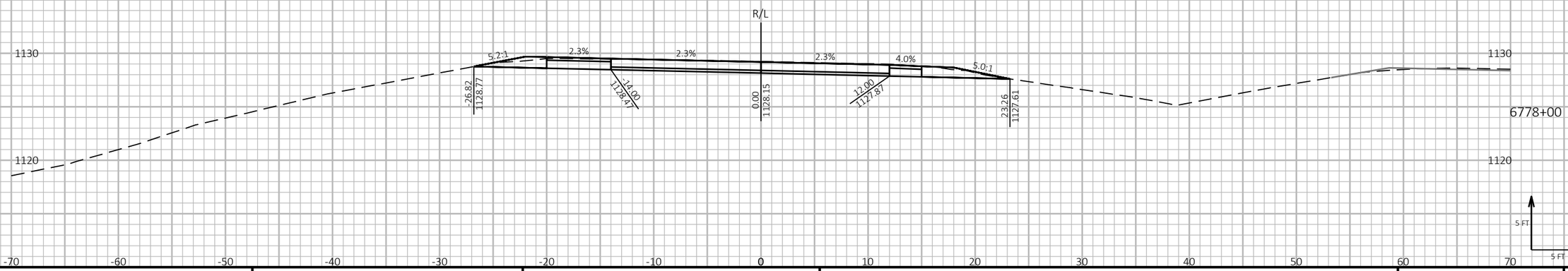
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1100 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 33

PLOT DATE : 10/5/2022 9:36 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

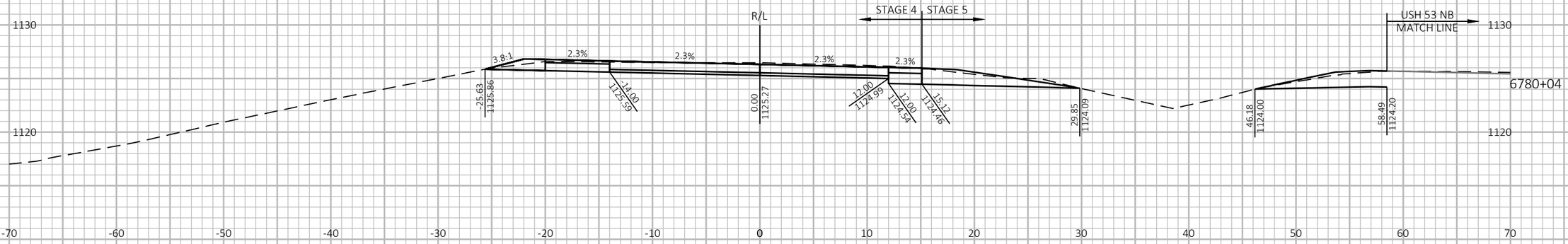
EXISTING GROUND

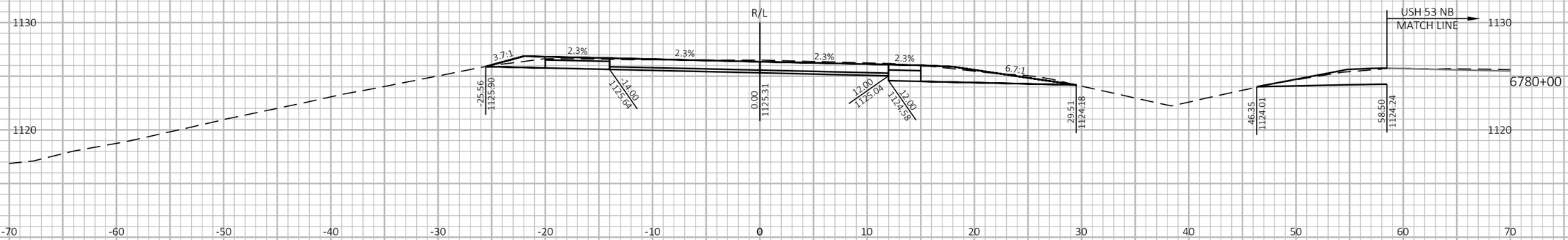
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

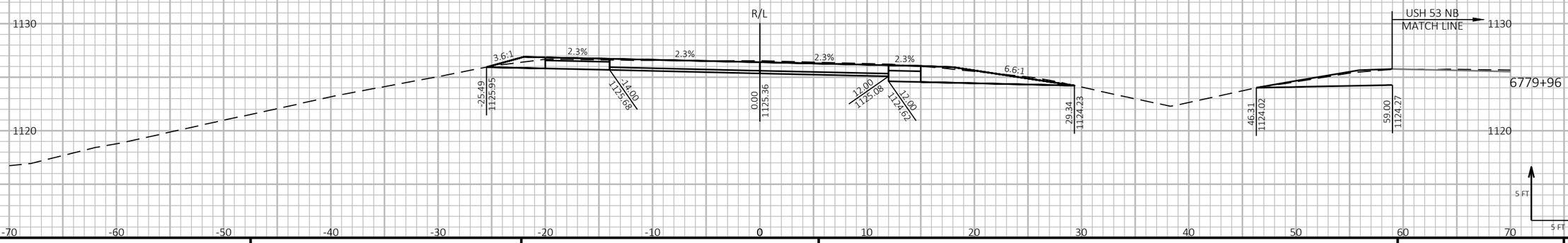
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1101 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 34

PLOT DATE : 10/5/2022 9:36 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

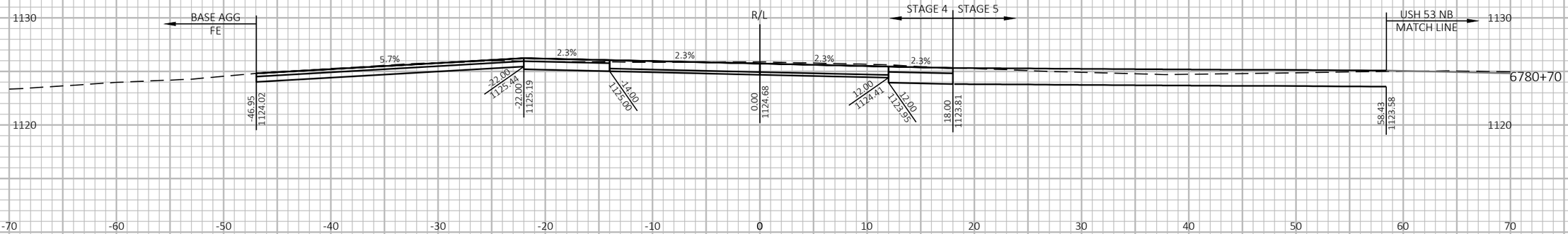
EXISTING GROUND

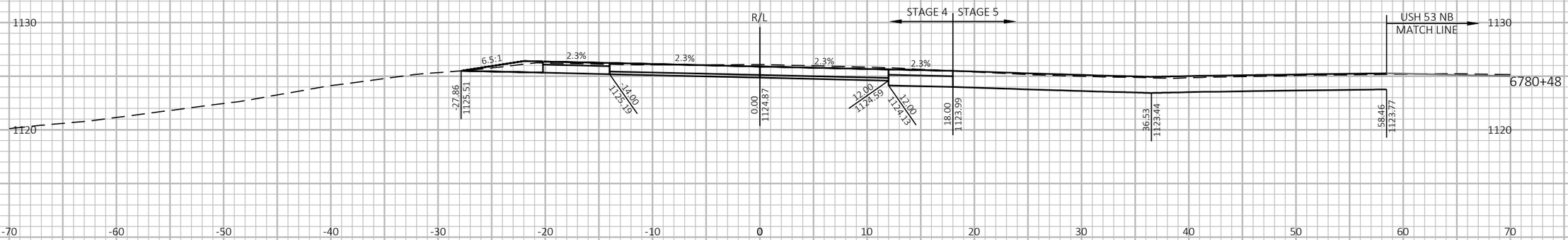
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

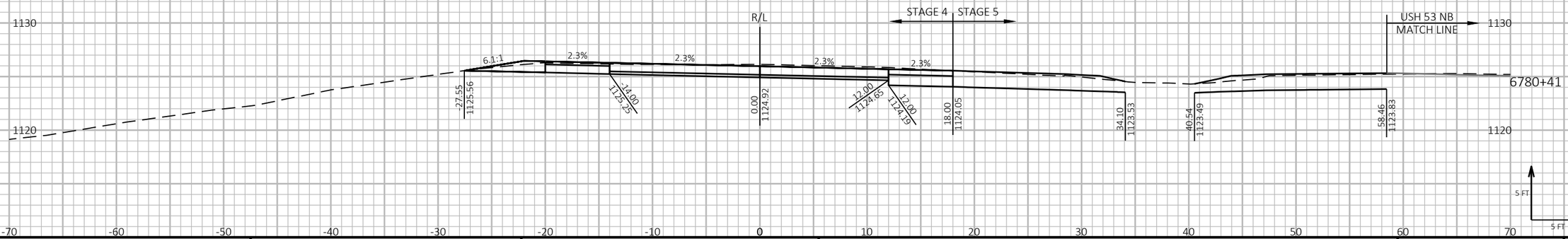
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1102	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 35

PLOT DATE : 10/5/2022 9:37 AM

PLOT BY : AUSTIN STRAHL

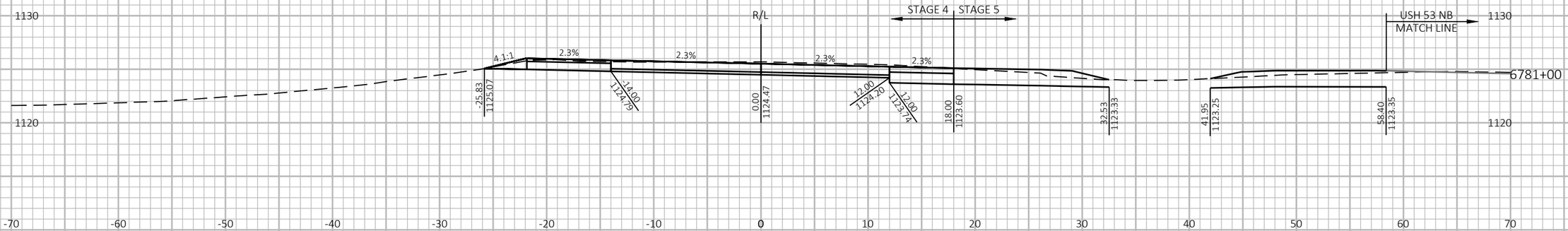
PLOT NAME :

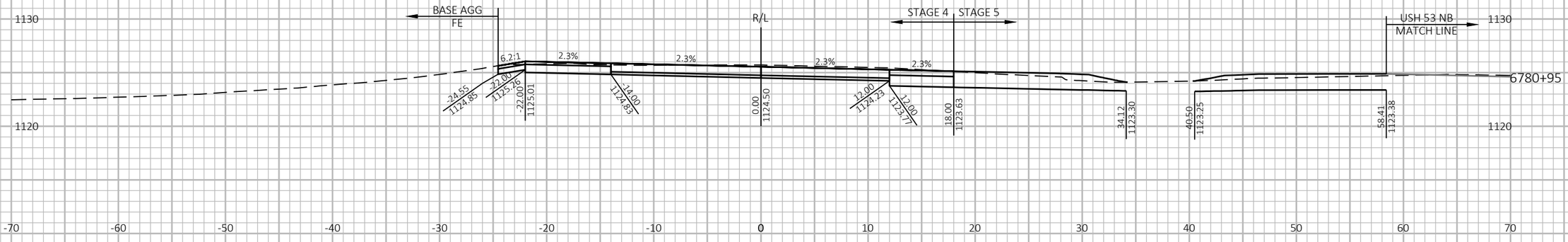
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

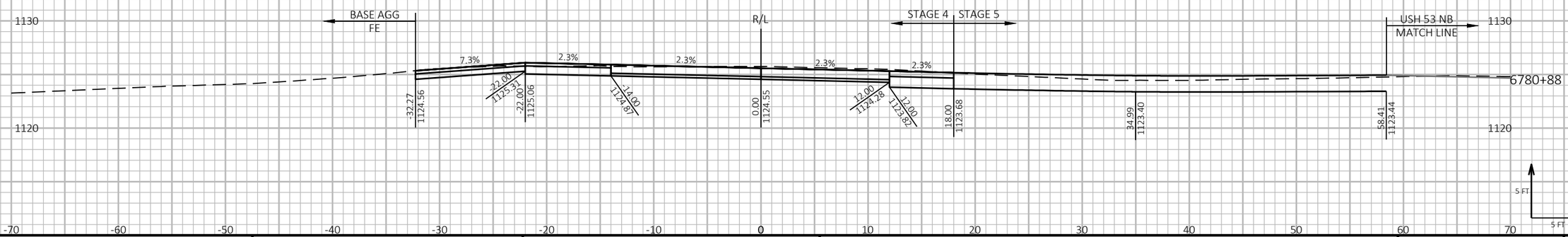
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1103	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 36

PLOT DATE : 10/5/2022 9:37 AM

PLOT BY : AUSTIN STRAHL

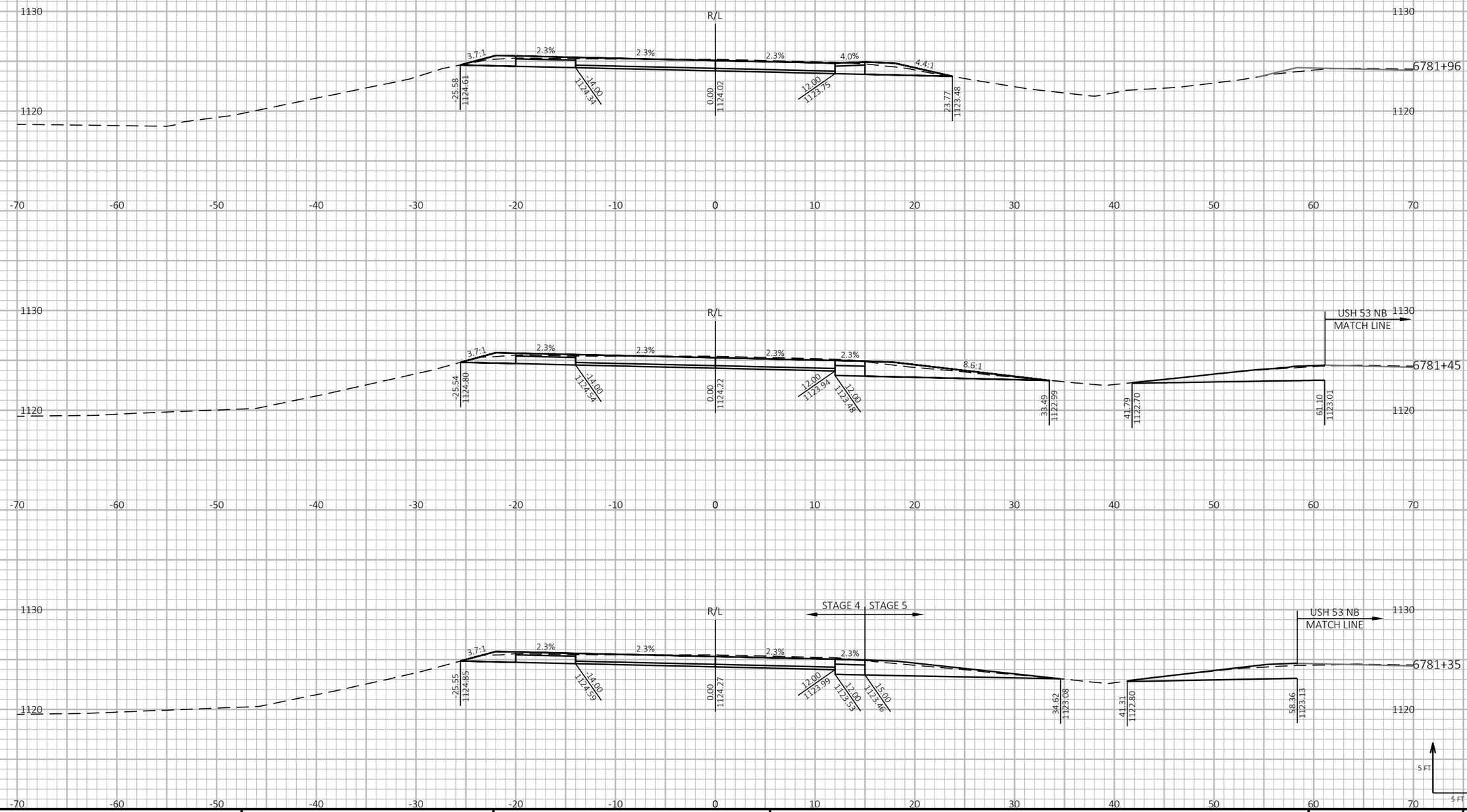
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1104 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 37

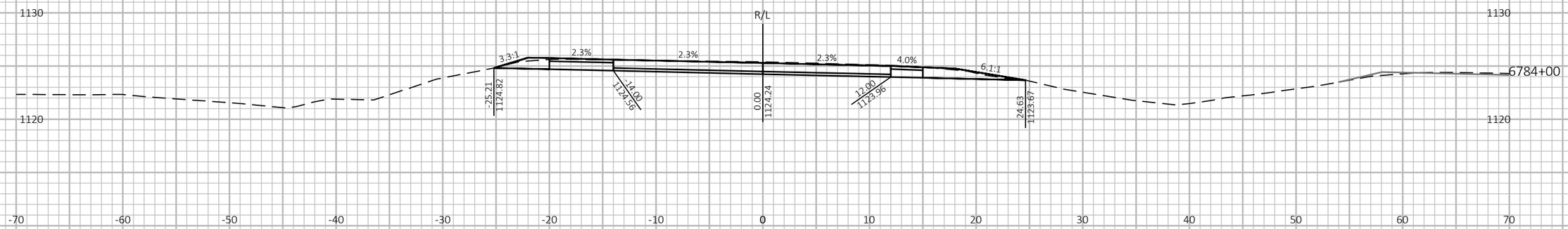
PLOT DATE : 10/5/2022 9:37 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

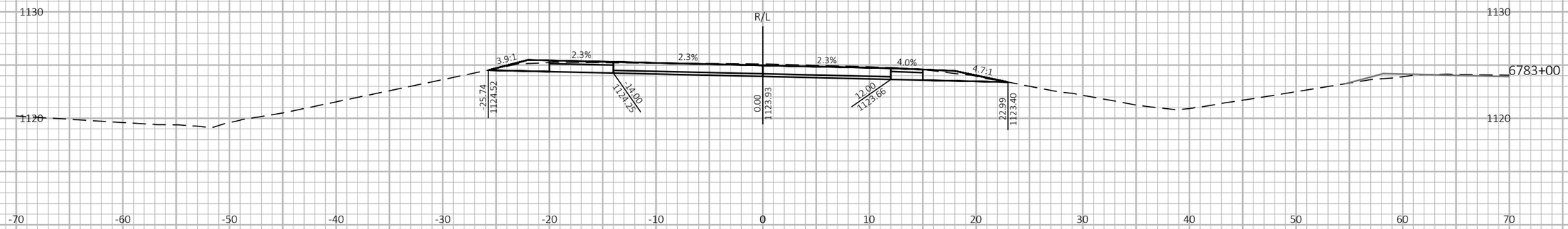
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

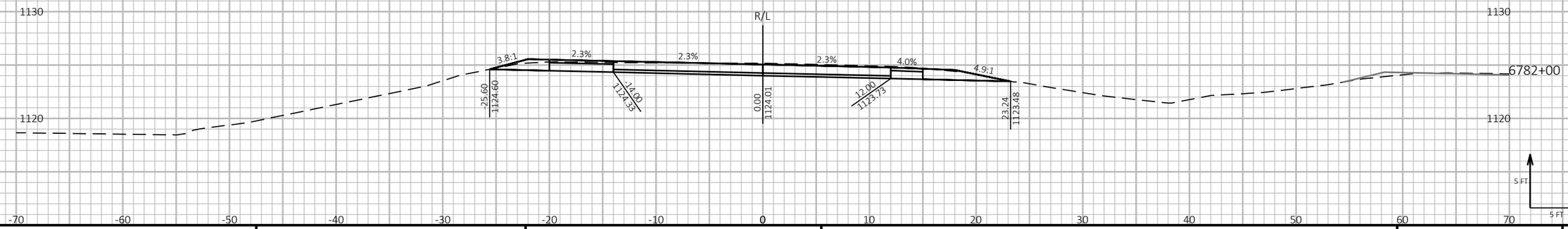
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1105	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 38

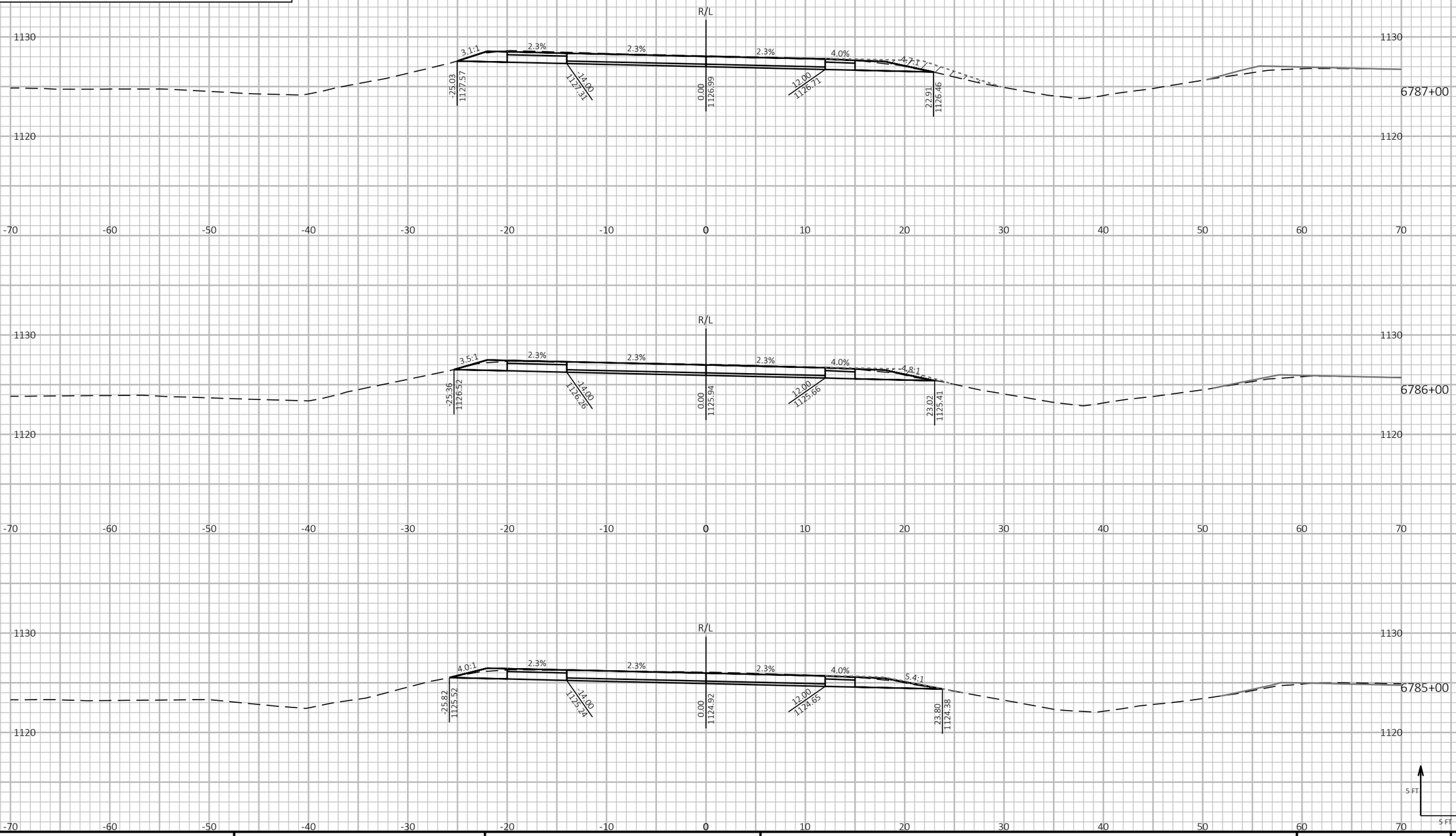
PLOT DATE : 10/5/2022 9:38 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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5 FT

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1106	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 39

PLOT DATE : 10/5/2022 9:38 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

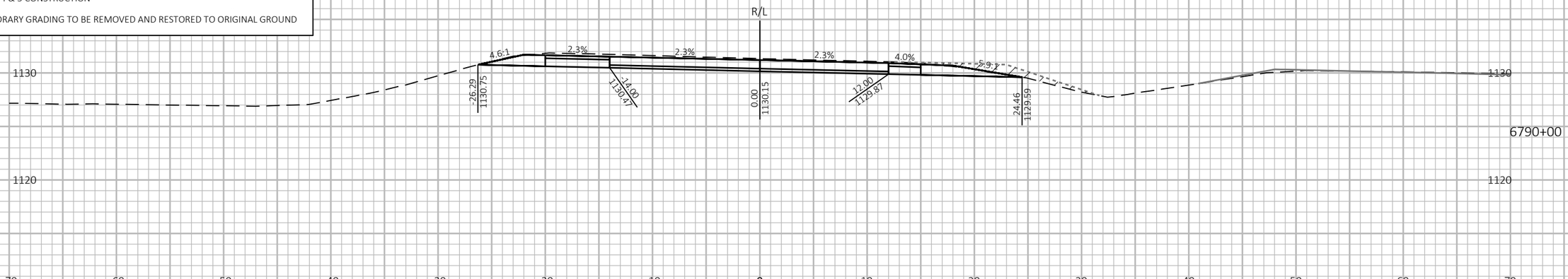
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1107	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 40

PLOT DATE : 10/5/2022 9:38 AM

PLOT BY : AUSTIN STRAHL

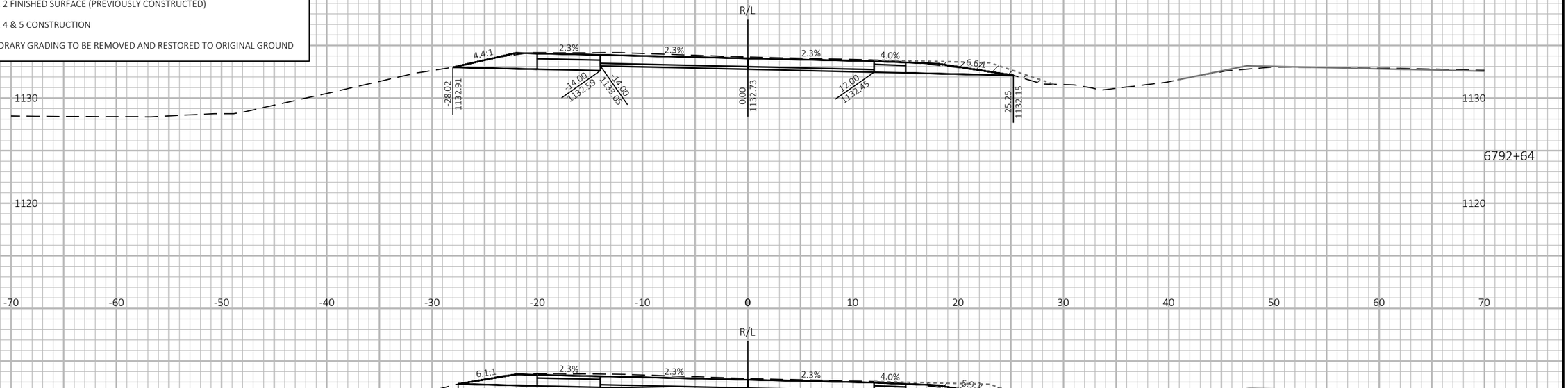
PLOT NAME :

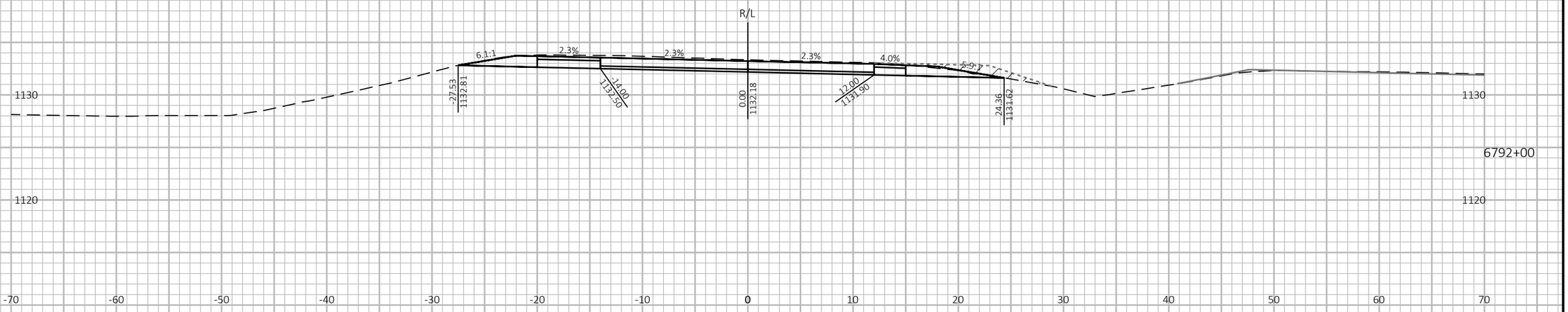
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1108	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 41

PLOT DATE : 10/5/2022 9:39 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

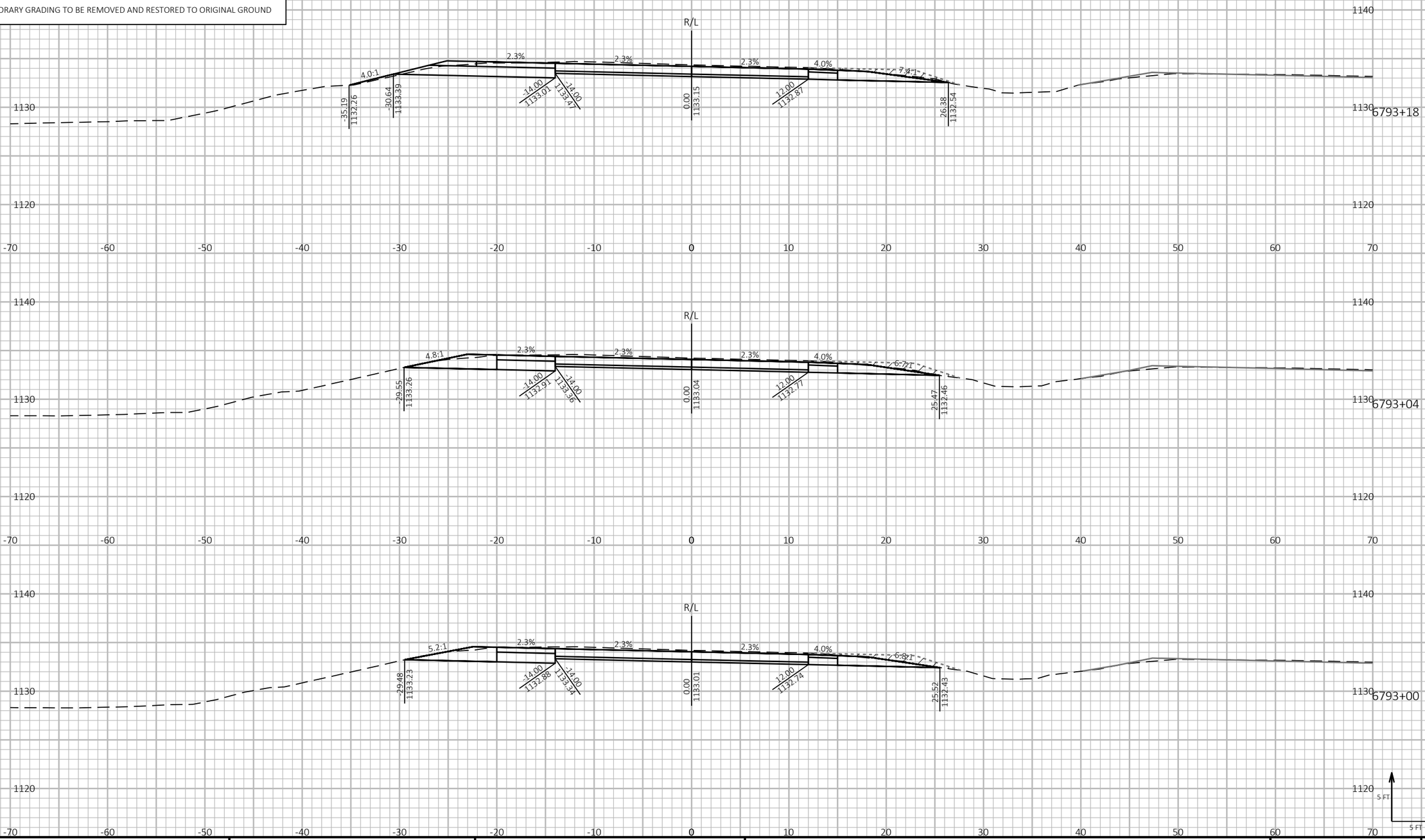
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1109	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 42

PLOT DATE : 10/5/2022 9:39 AM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

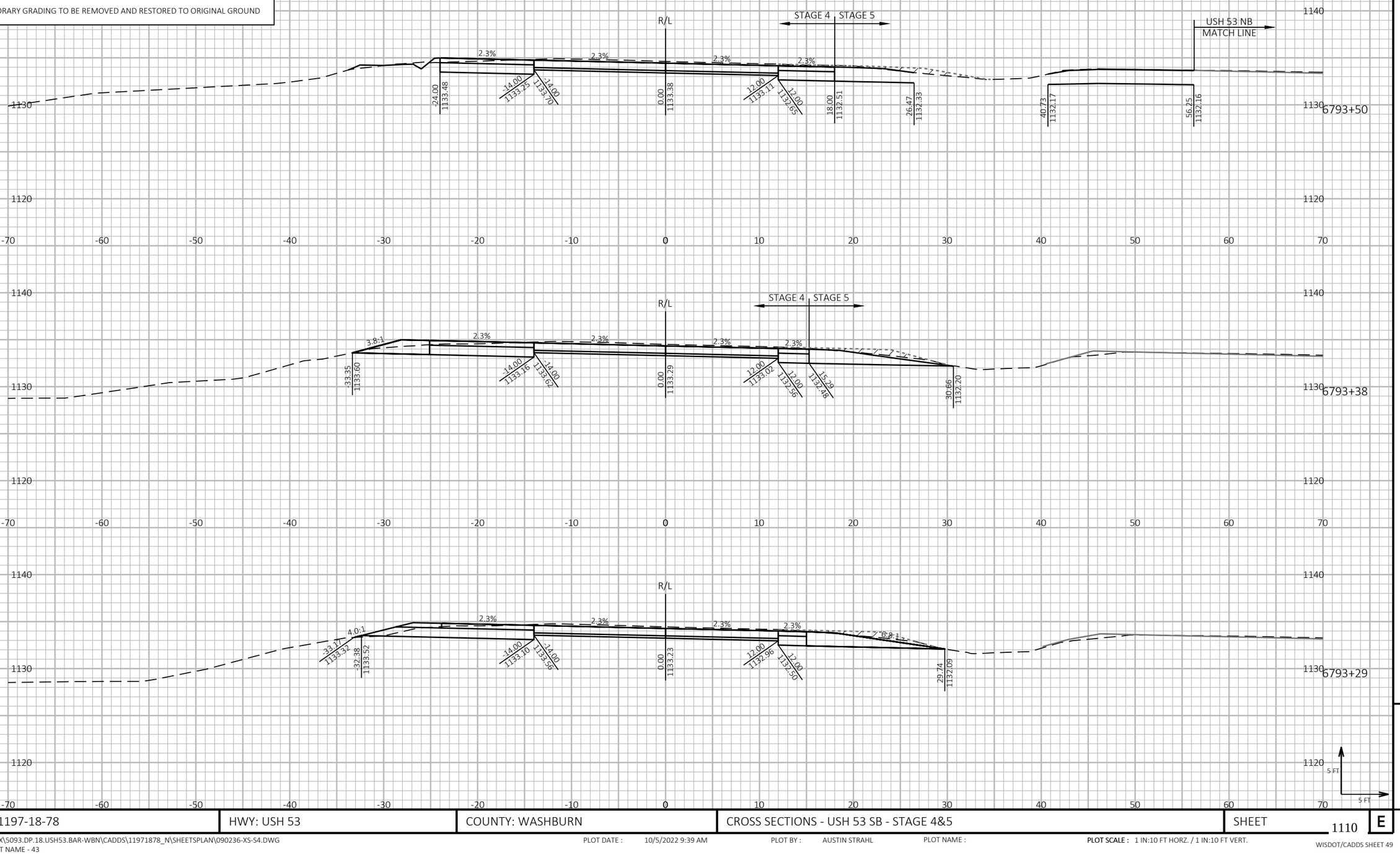
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1110	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 43

PLOT DATE : 10/5/2022 9:39 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

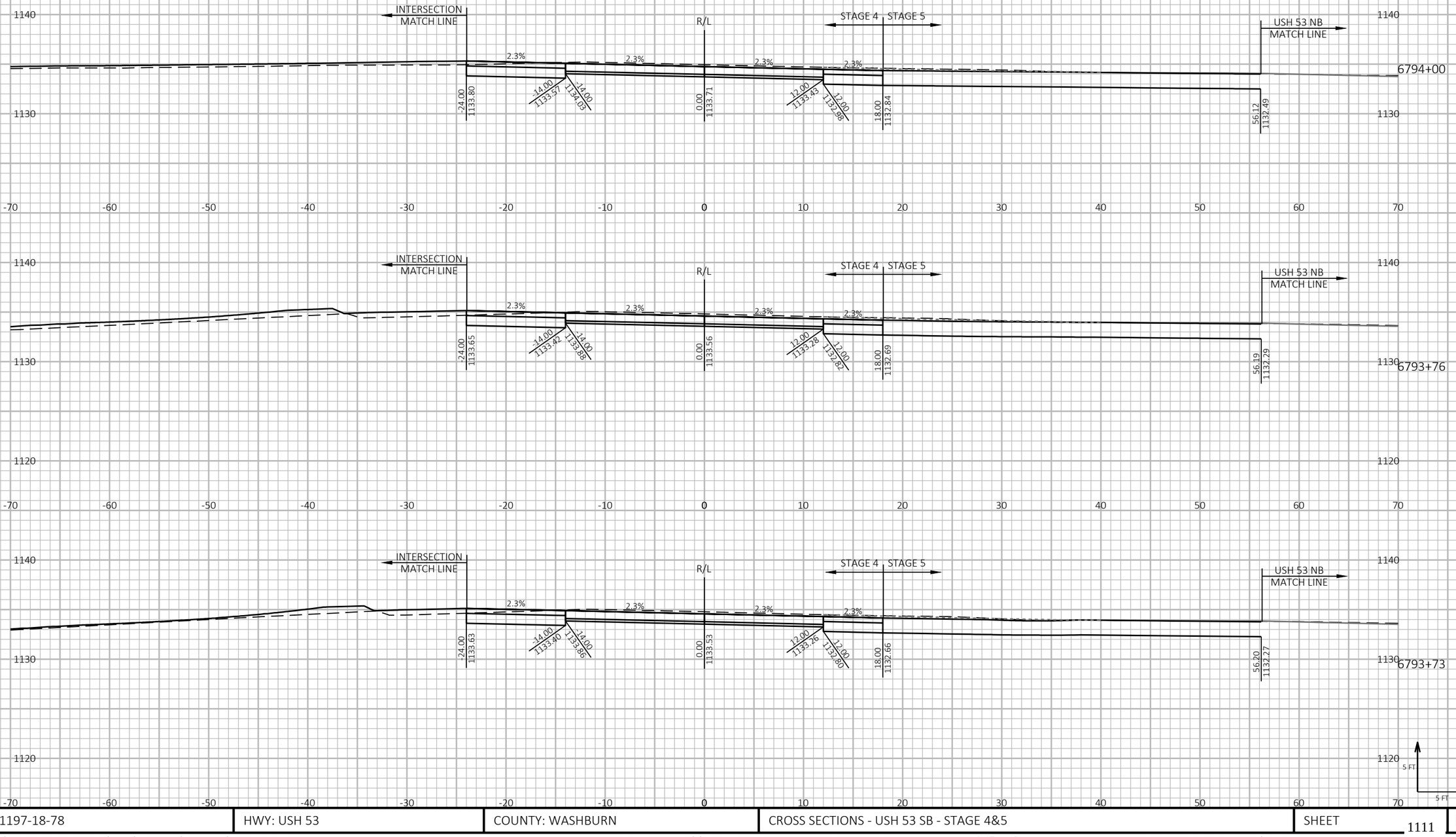
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1111	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 44

PLOT DATE : 10/5/2022 9:40 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

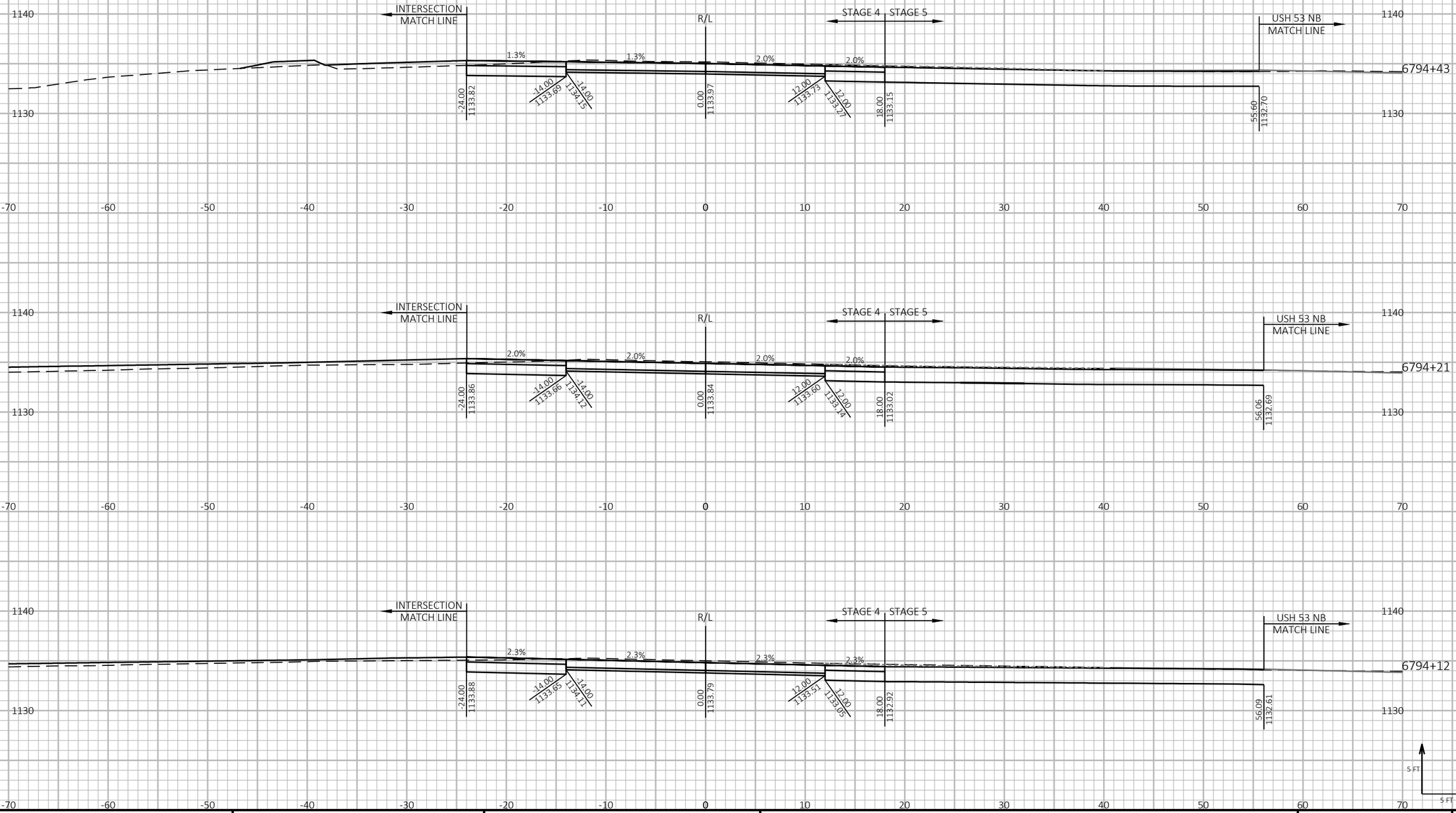
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1112	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 45

PLOT DATE : 10/5/2022 9:40 AM

PLOT BY : AUSTIN STRAHL

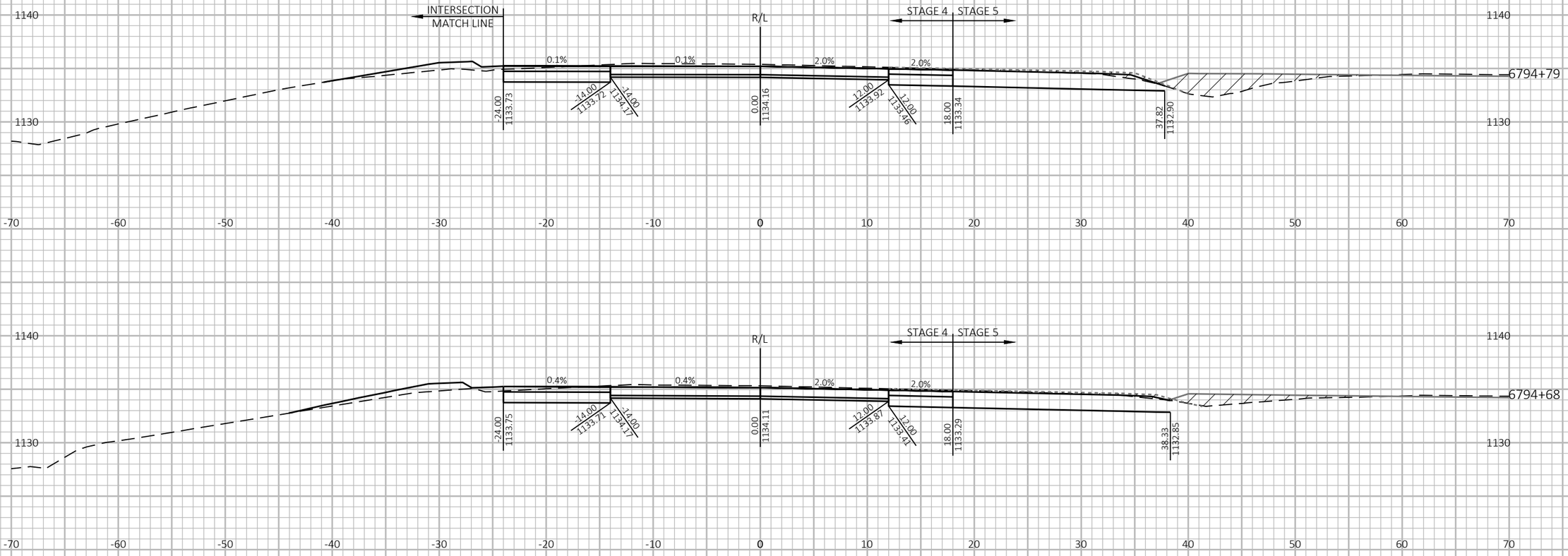
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1113	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 46

PLOT DATE : 10/5/2022 9:40 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

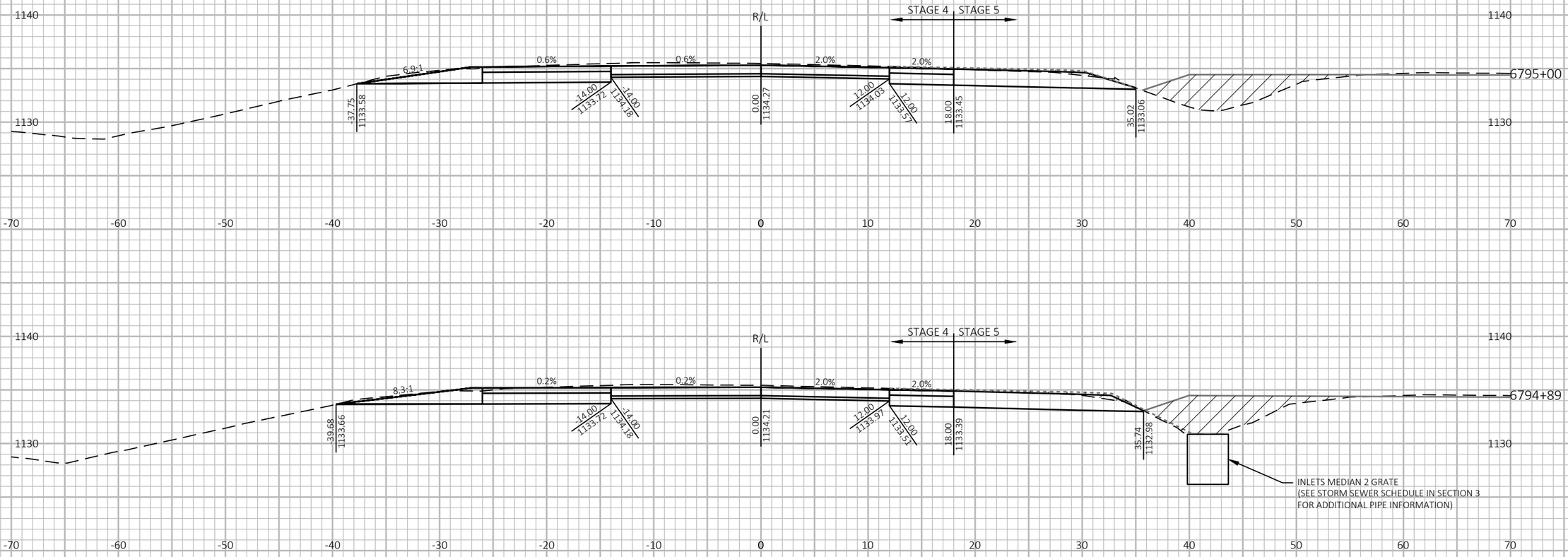
EXISTING GROUND

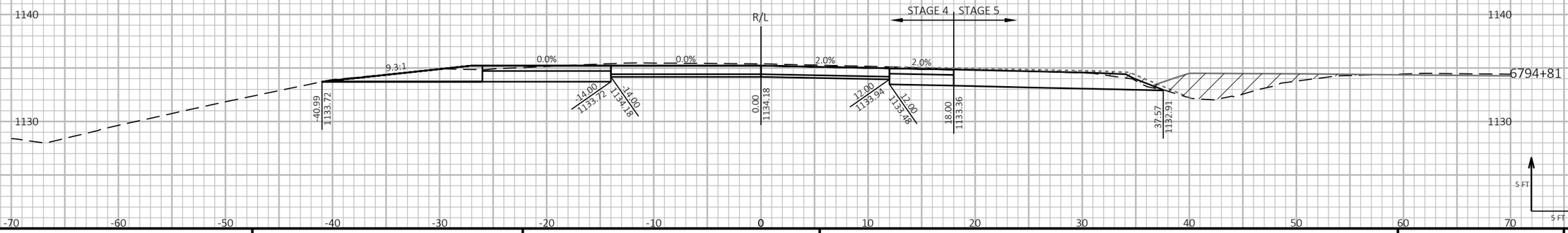
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1114	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 47

PLOT DATE : 10/5/2022 9:41 AM

PLOT BY : AUSTIN STRAHL

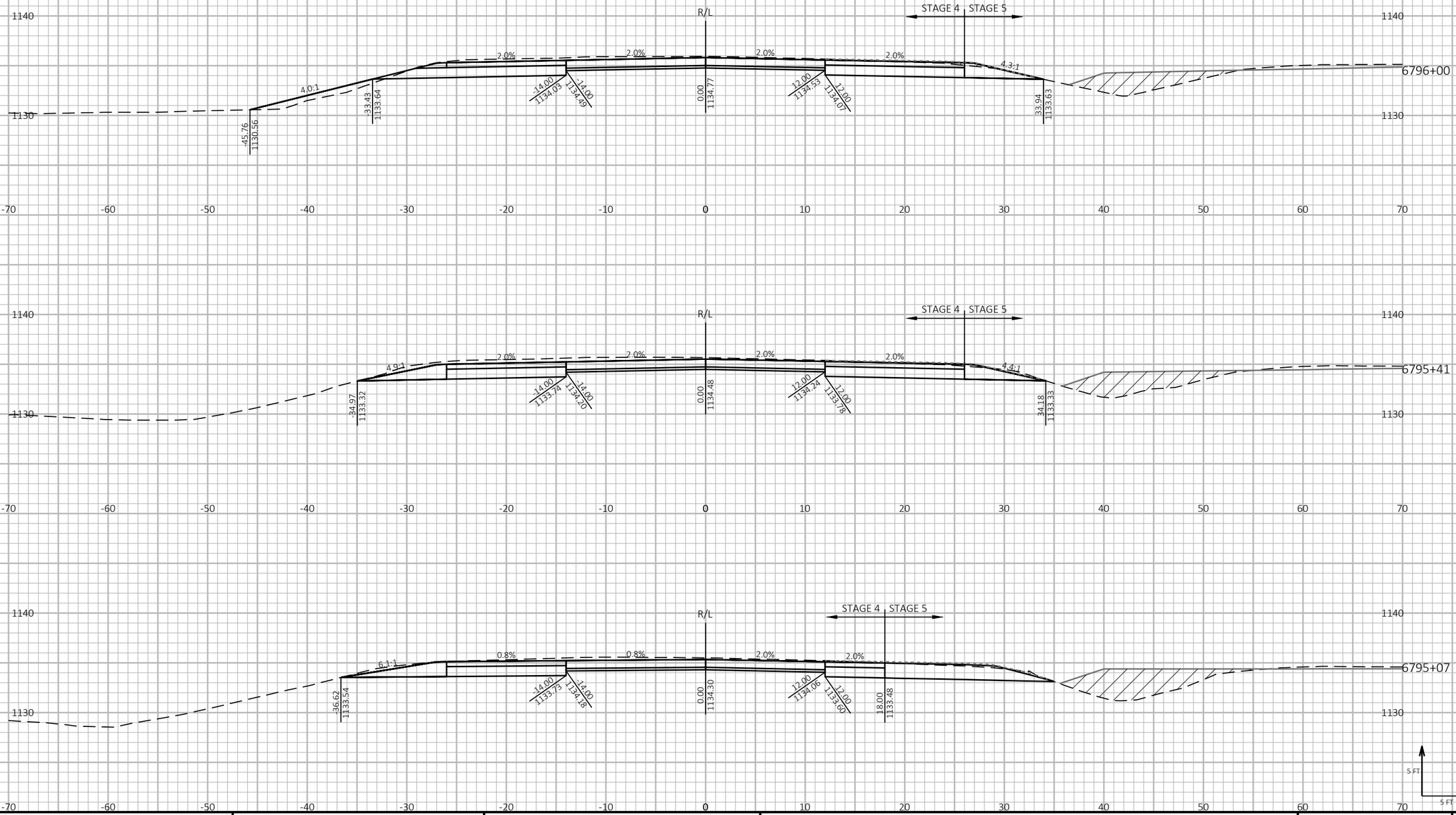
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1115	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 48

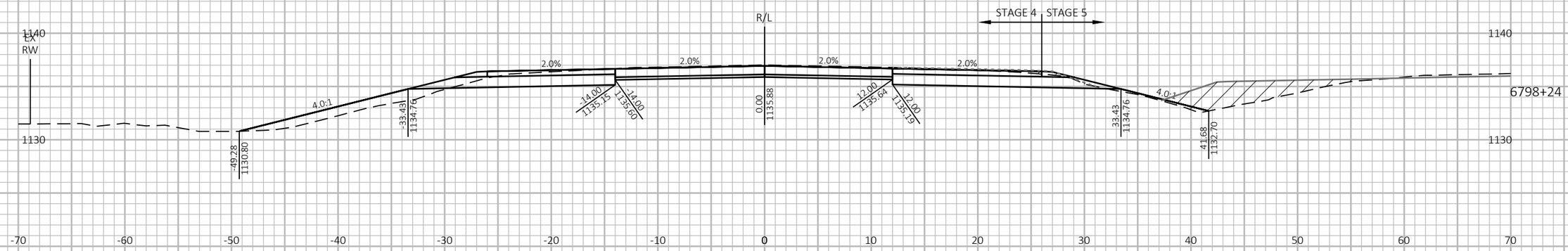
PLOT DATE : 10/5/2022 9:41 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

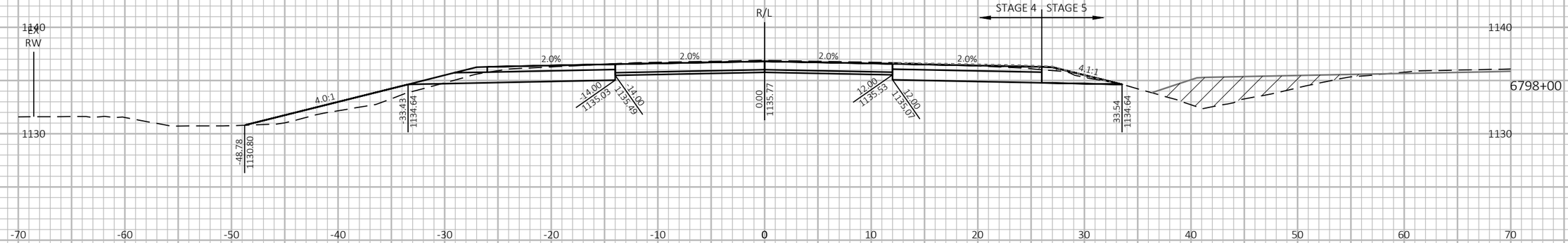
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

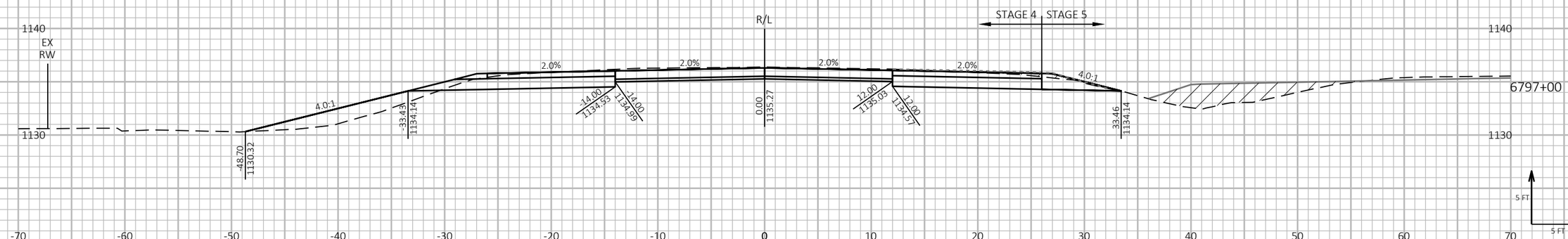
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1116 E

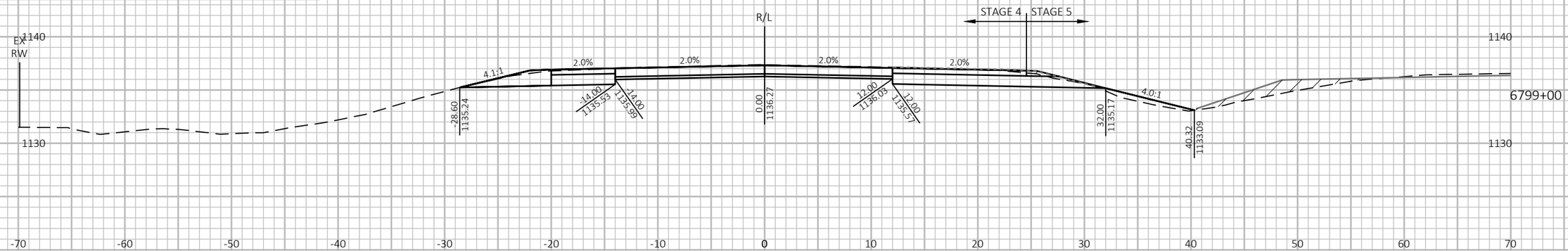
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 49

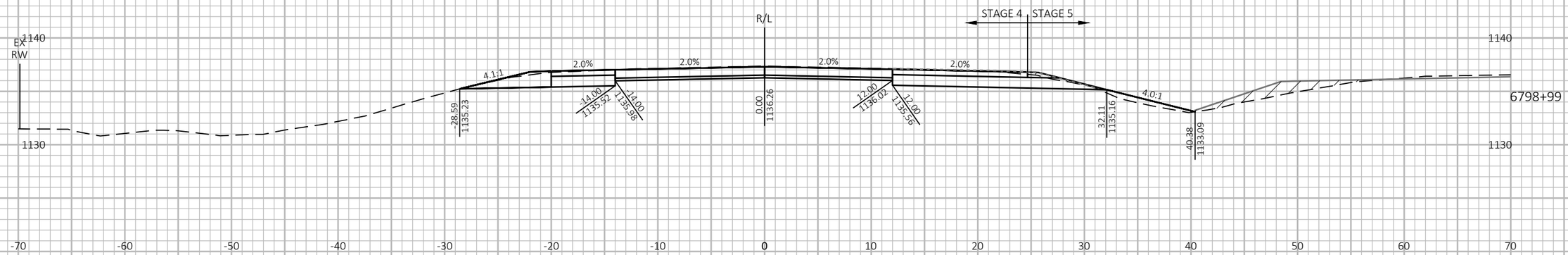
PLOT DATE : 10/5/2022 9:41 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

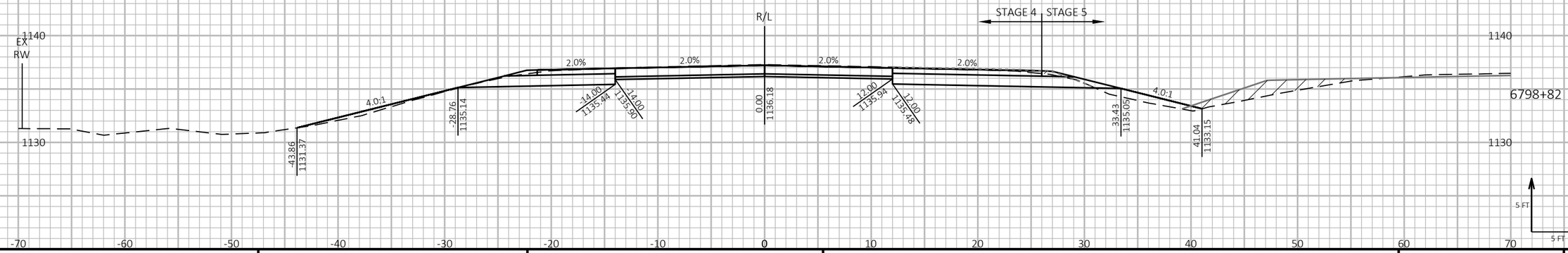
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1117 E

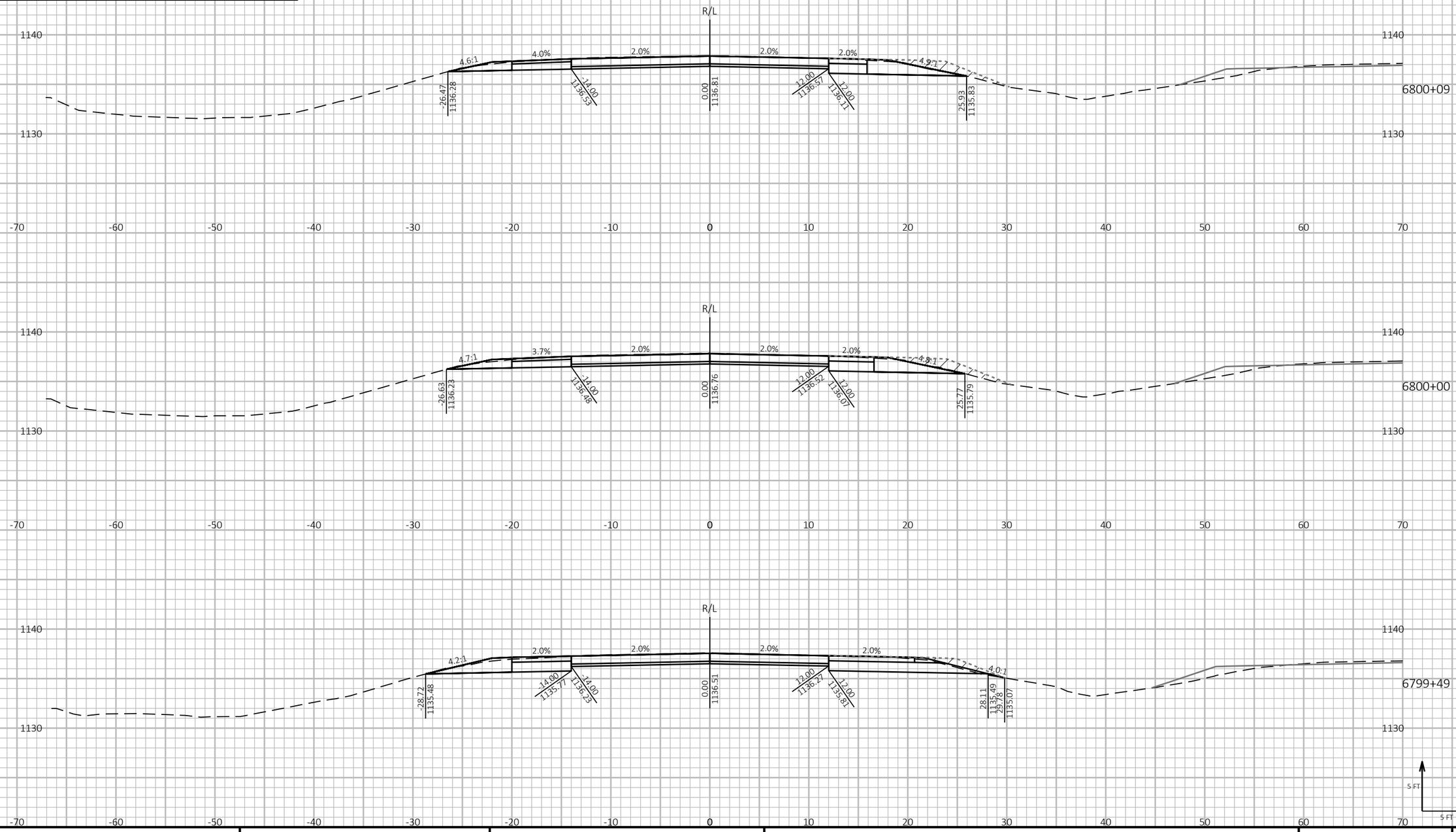
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 50

PLOT DATE : 10/5/2022 9:42 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1118	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 51

PLOT DATE : 10/5/2022 9:42 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

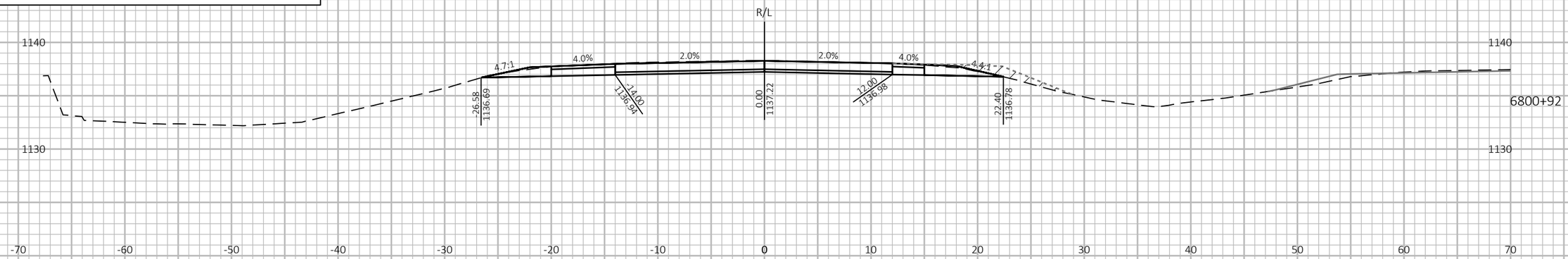
EXISTING GROUND

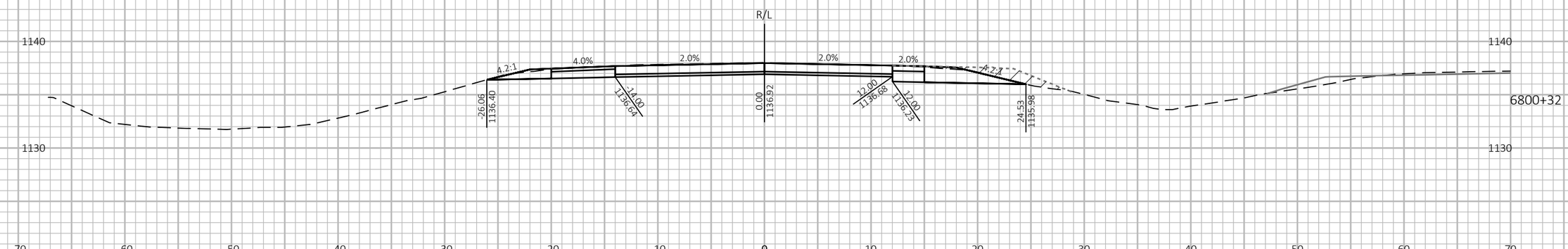
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

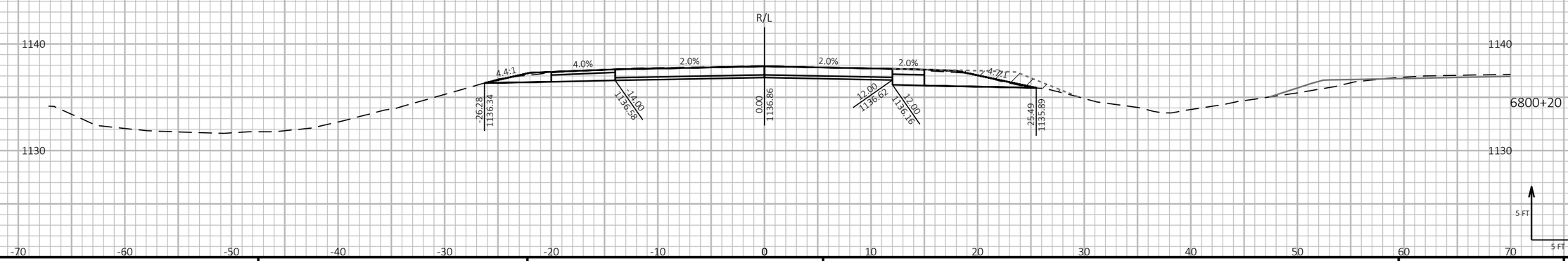
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1119	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 52

PLOT DATE : 10/5/2022 9:42 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1120	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 53

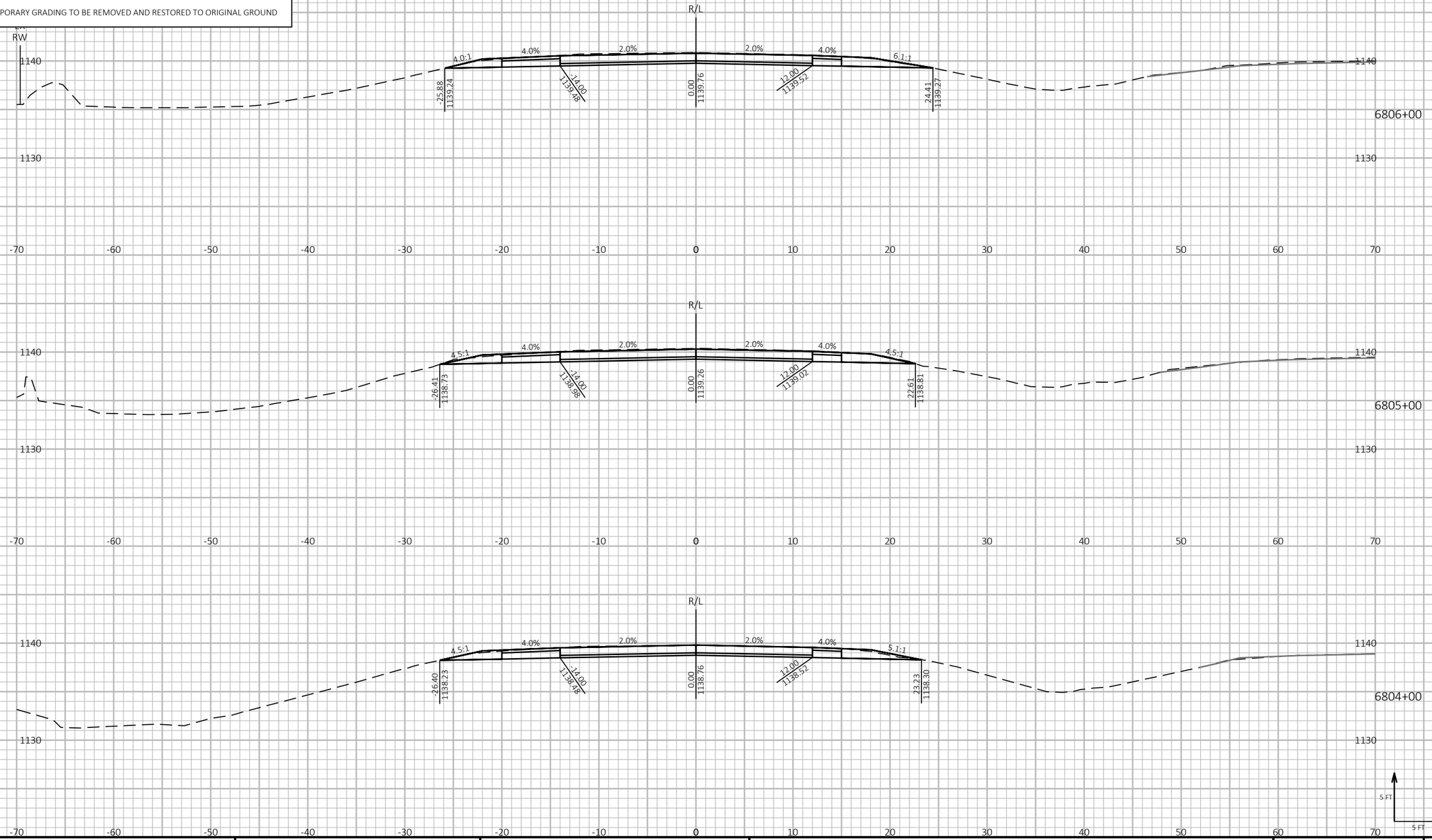
PLOT DATE : 10/5/2022 9:43 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1121	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 54

PLOT DATE : 10/5/2022 9:43 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

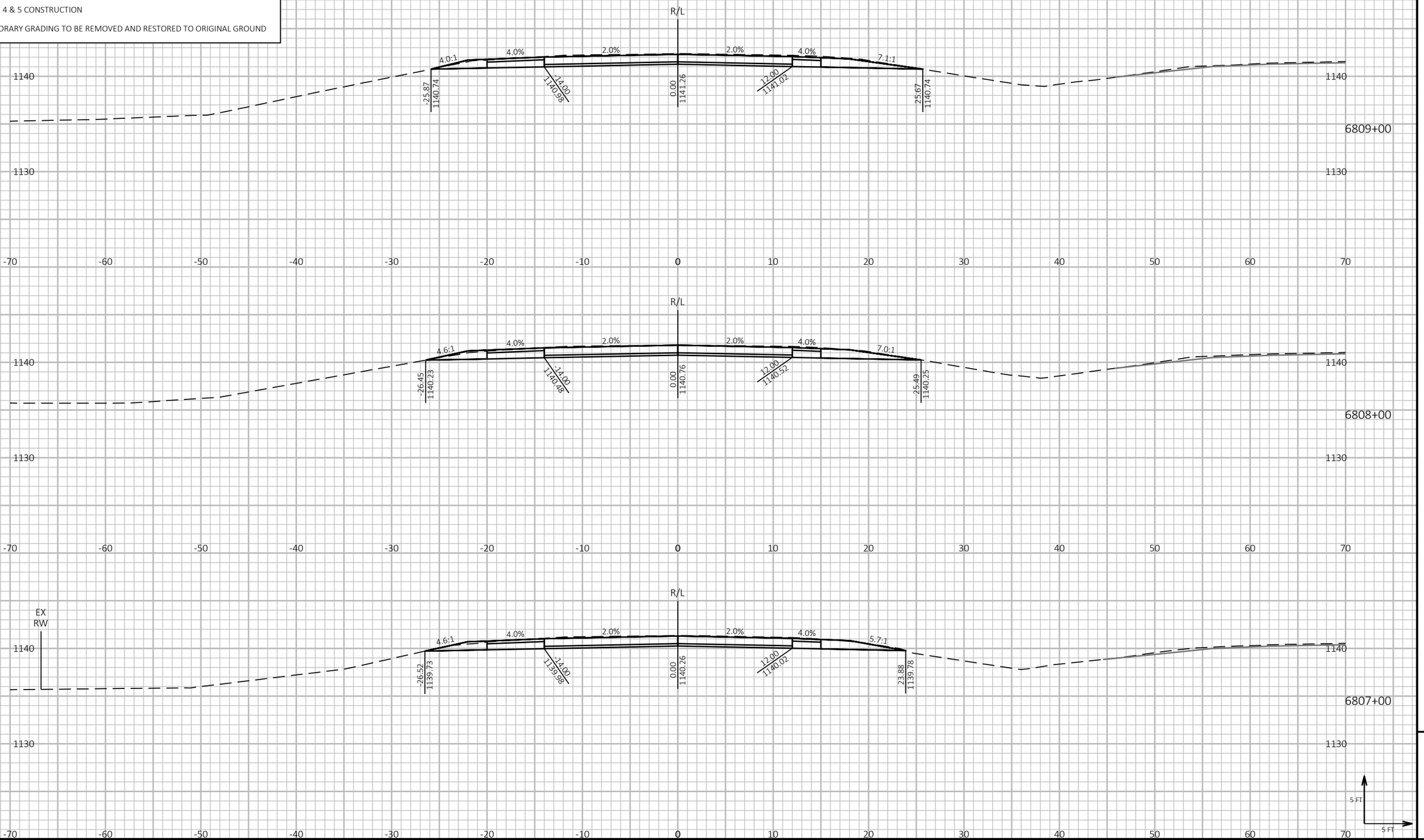
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1122 E

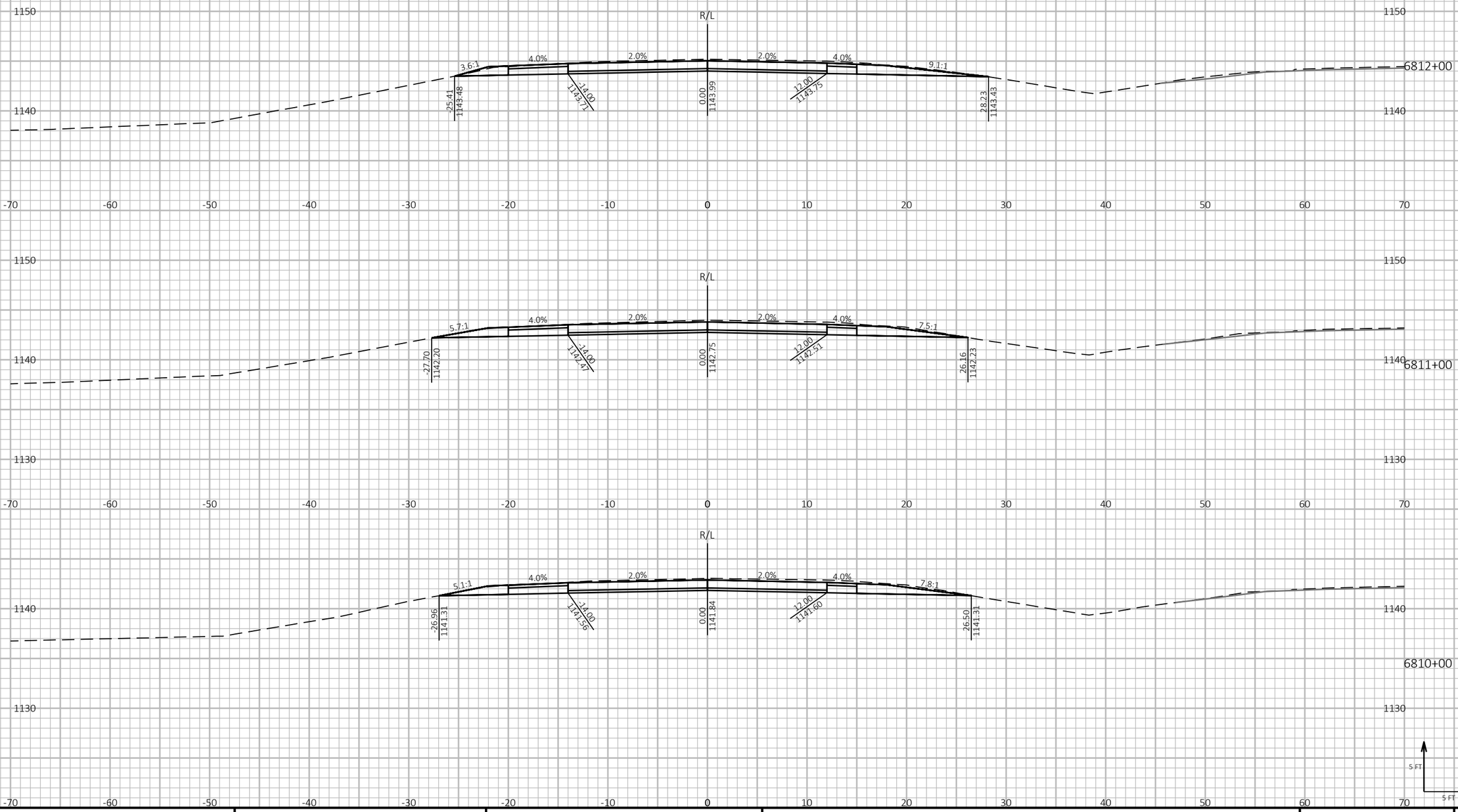
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 55

PLOT DATE : 10/5/2022 9:44 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1123 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 56

PLOT DATE : 10/5/2022 9:44 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

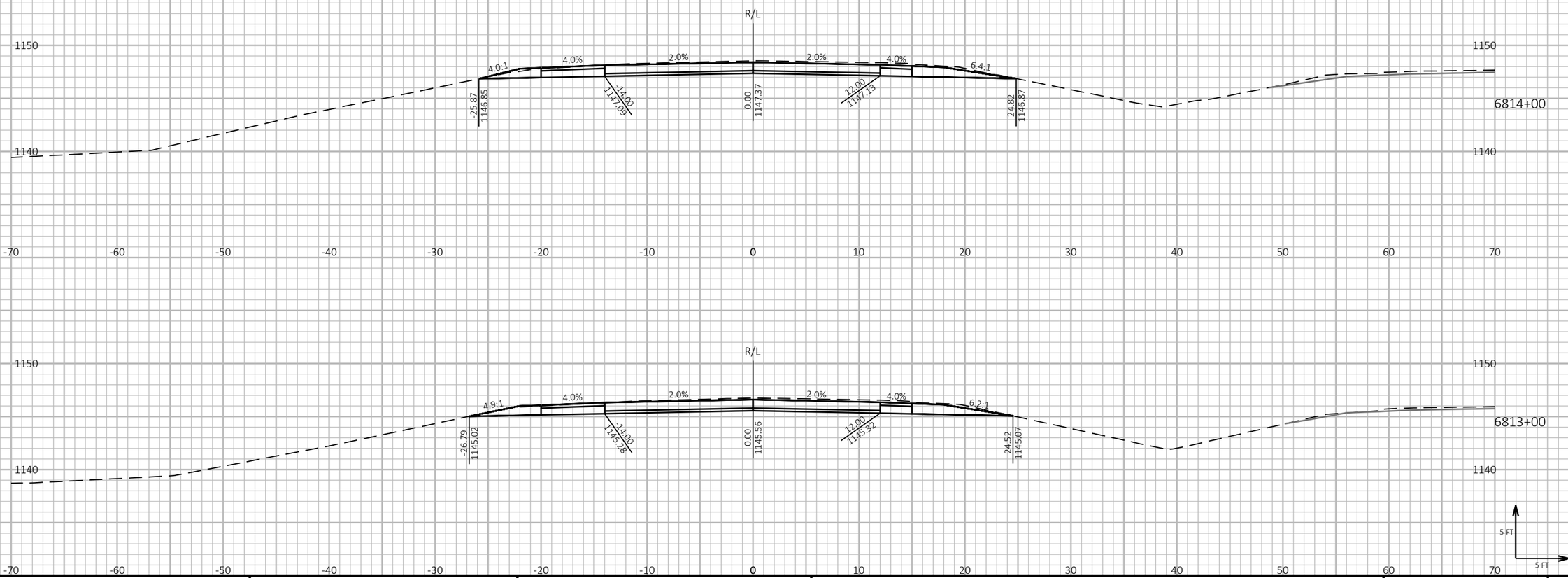
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1124	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090236-XS-S4.DWG
LAYOUT NAME - 57

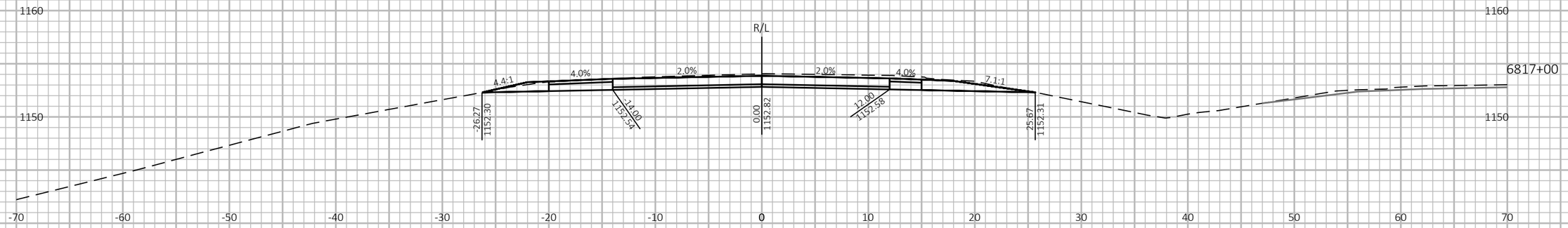
PLOT DATE : 10/5/2022 9:44 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

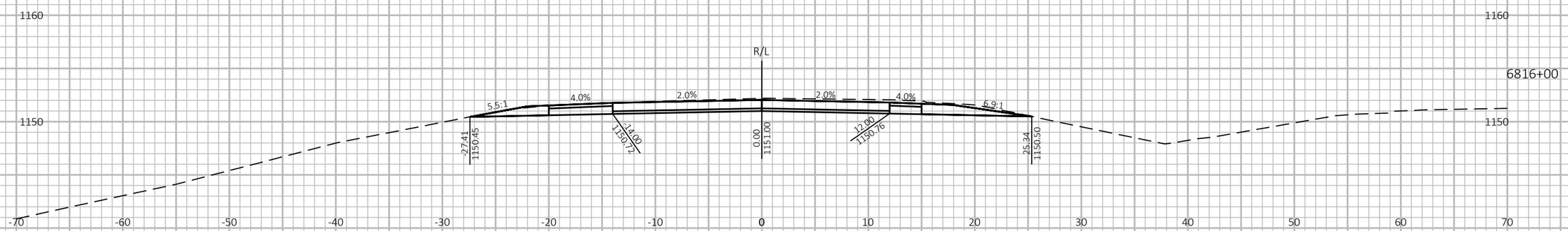
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

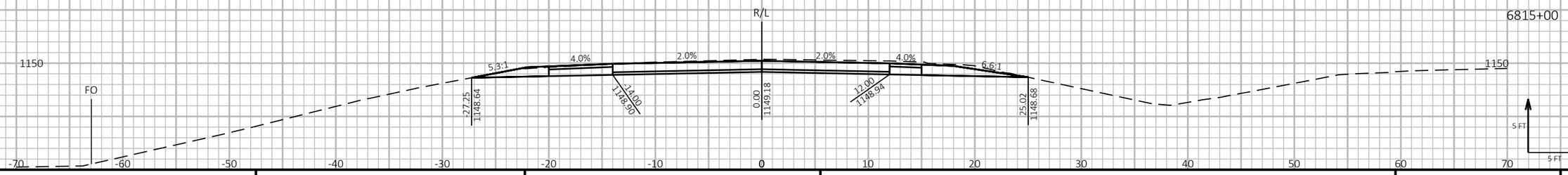
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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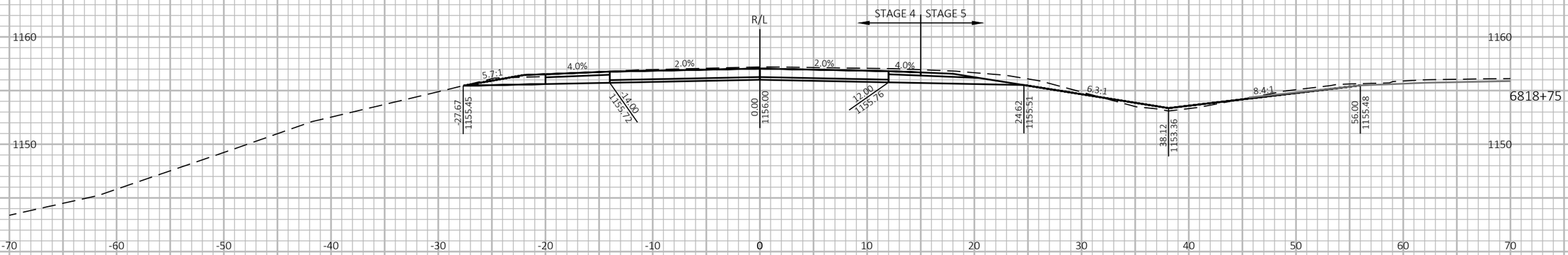
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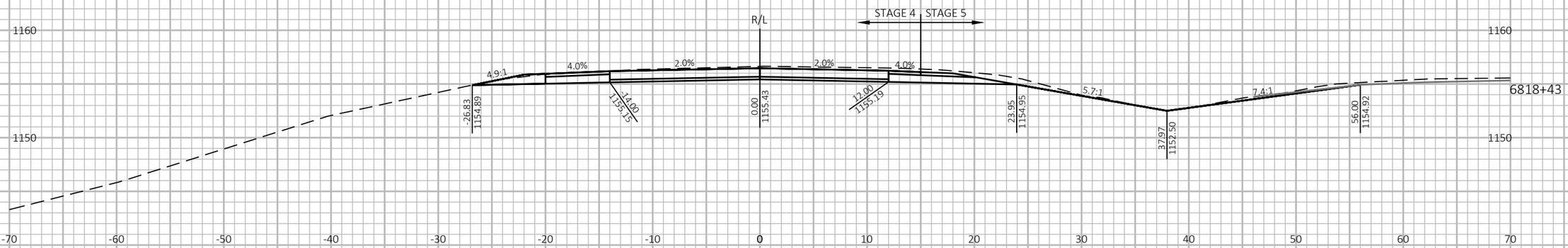
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 2/28/2022 5:04 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1126	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 2/28/2022 5:05 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

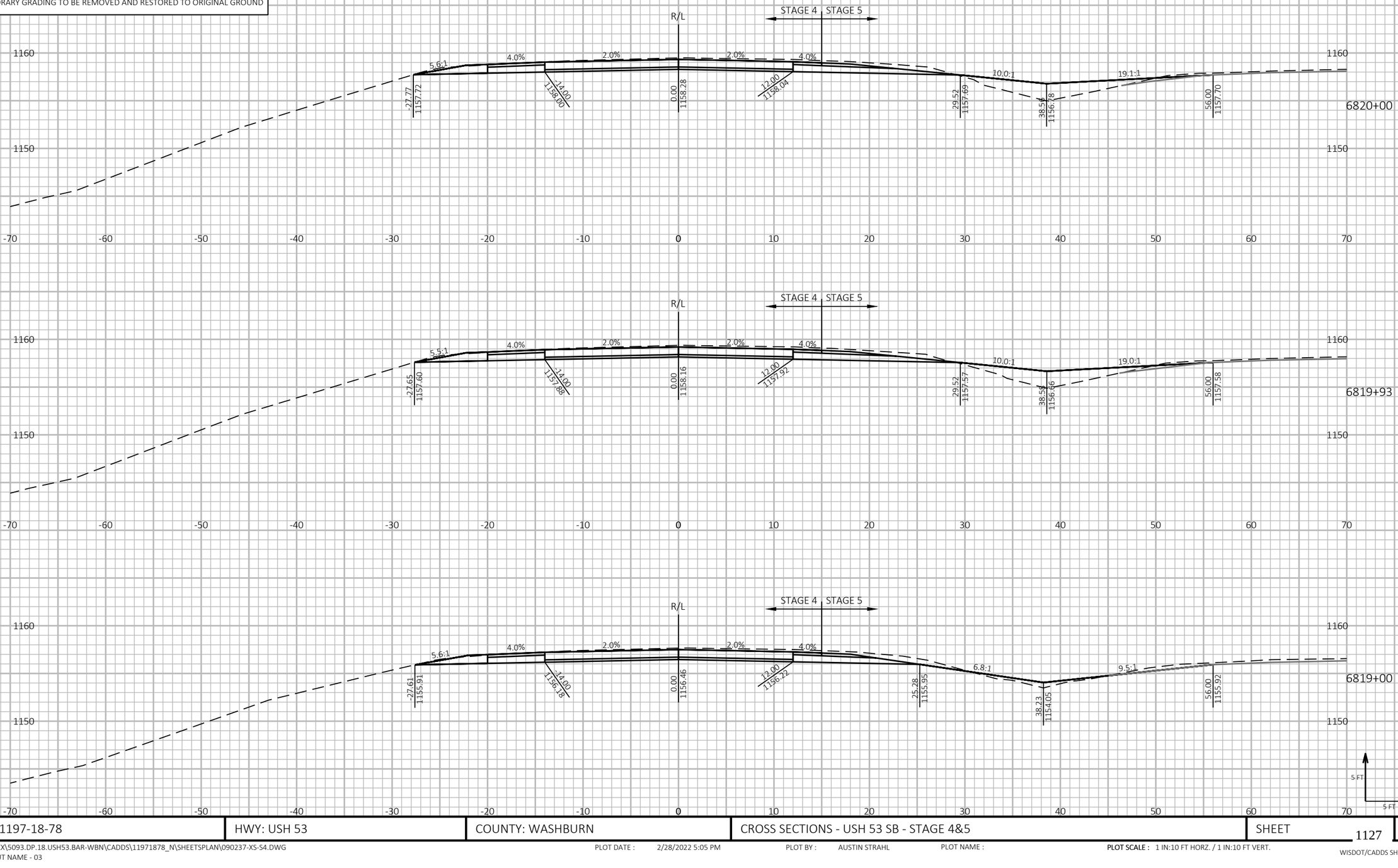
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1127	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/28/2022 5:05 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

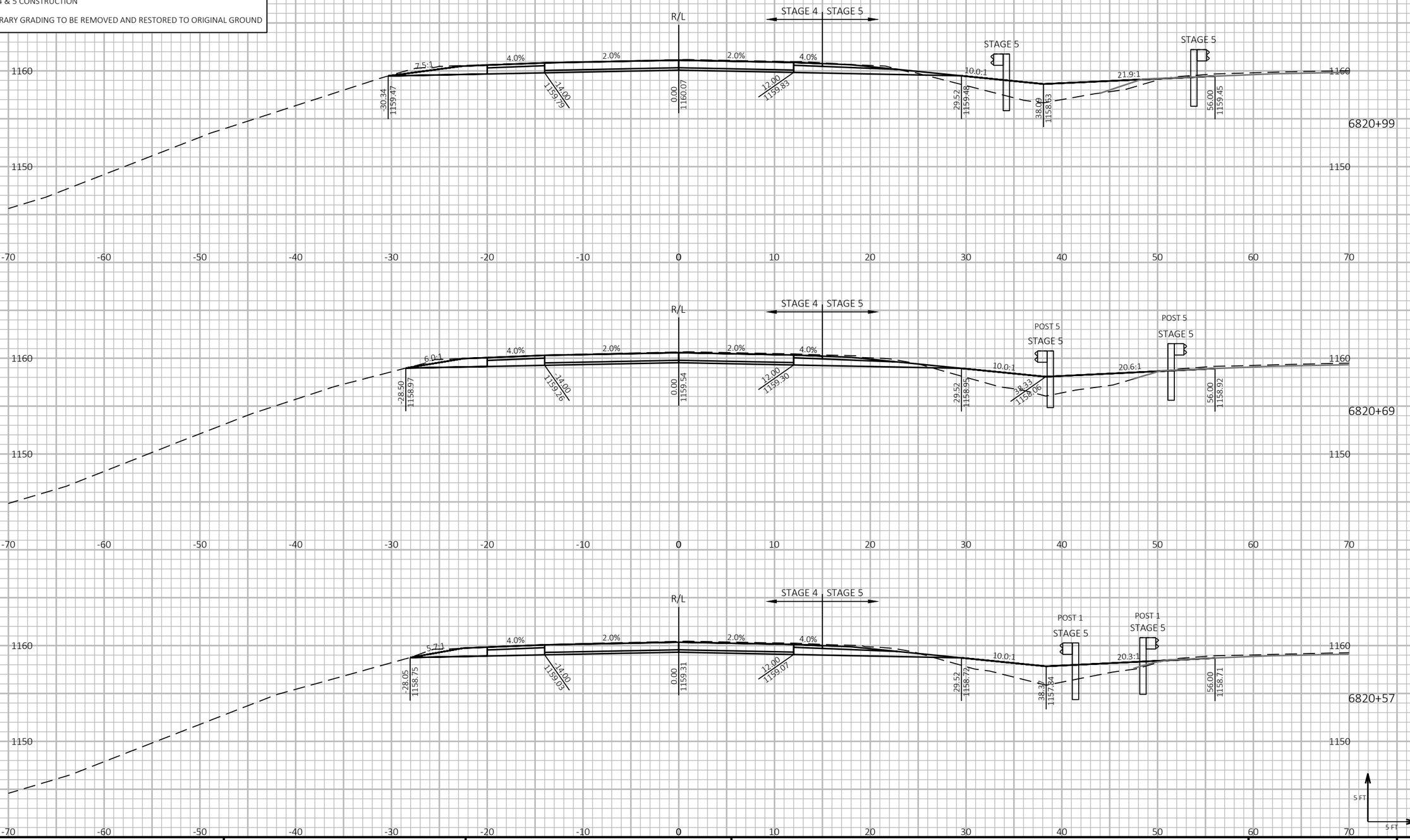
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1128 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 04

PLOT DATE : 2/28/2022 5:05 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

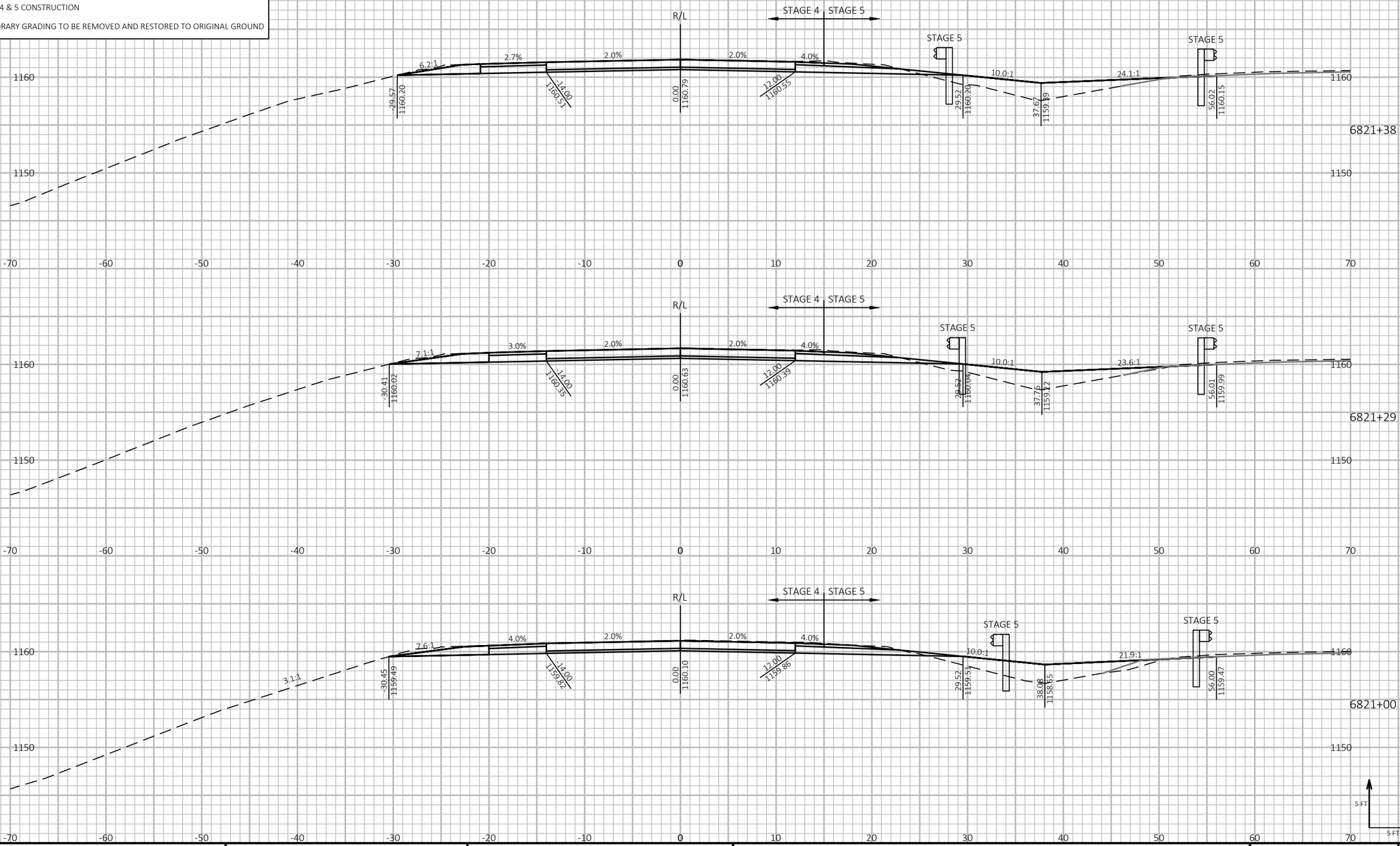
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1129	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 05

PLOT DATE : 2/28/2022 5:05 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

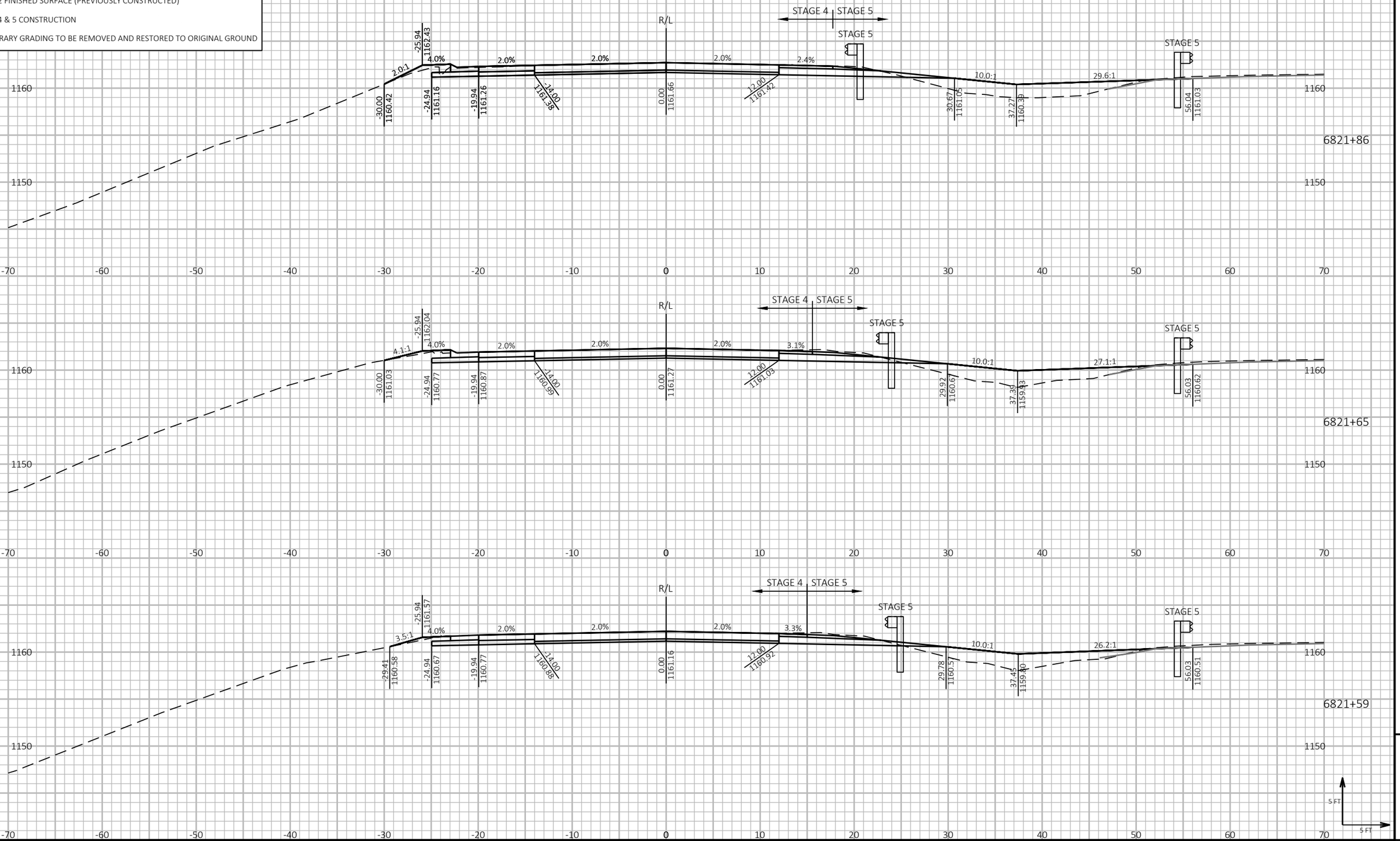
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1130	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 2/28/2022 5:06 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

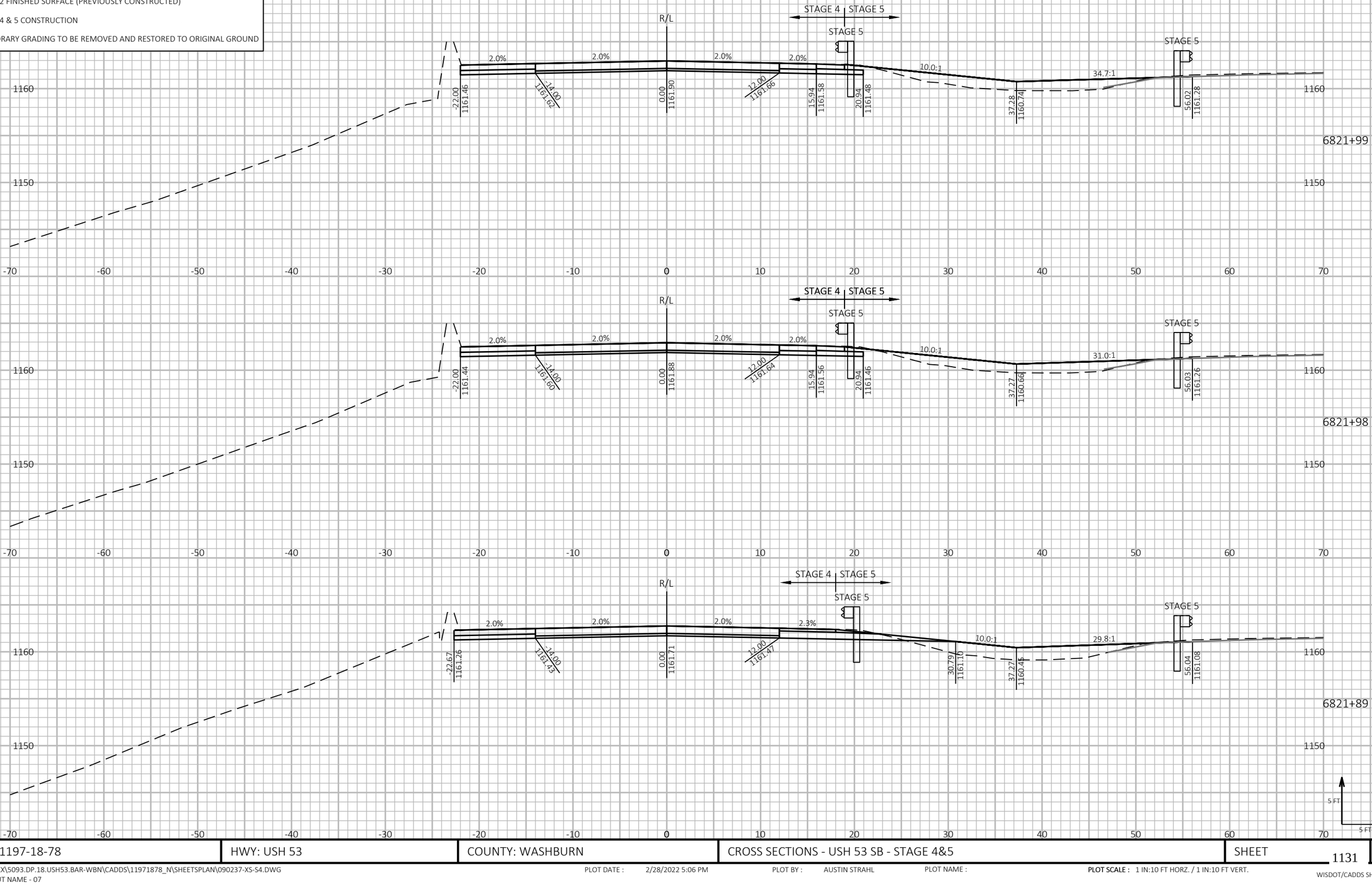
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1131	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 07

PLOT DATE : 2/28/2022 5:06 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

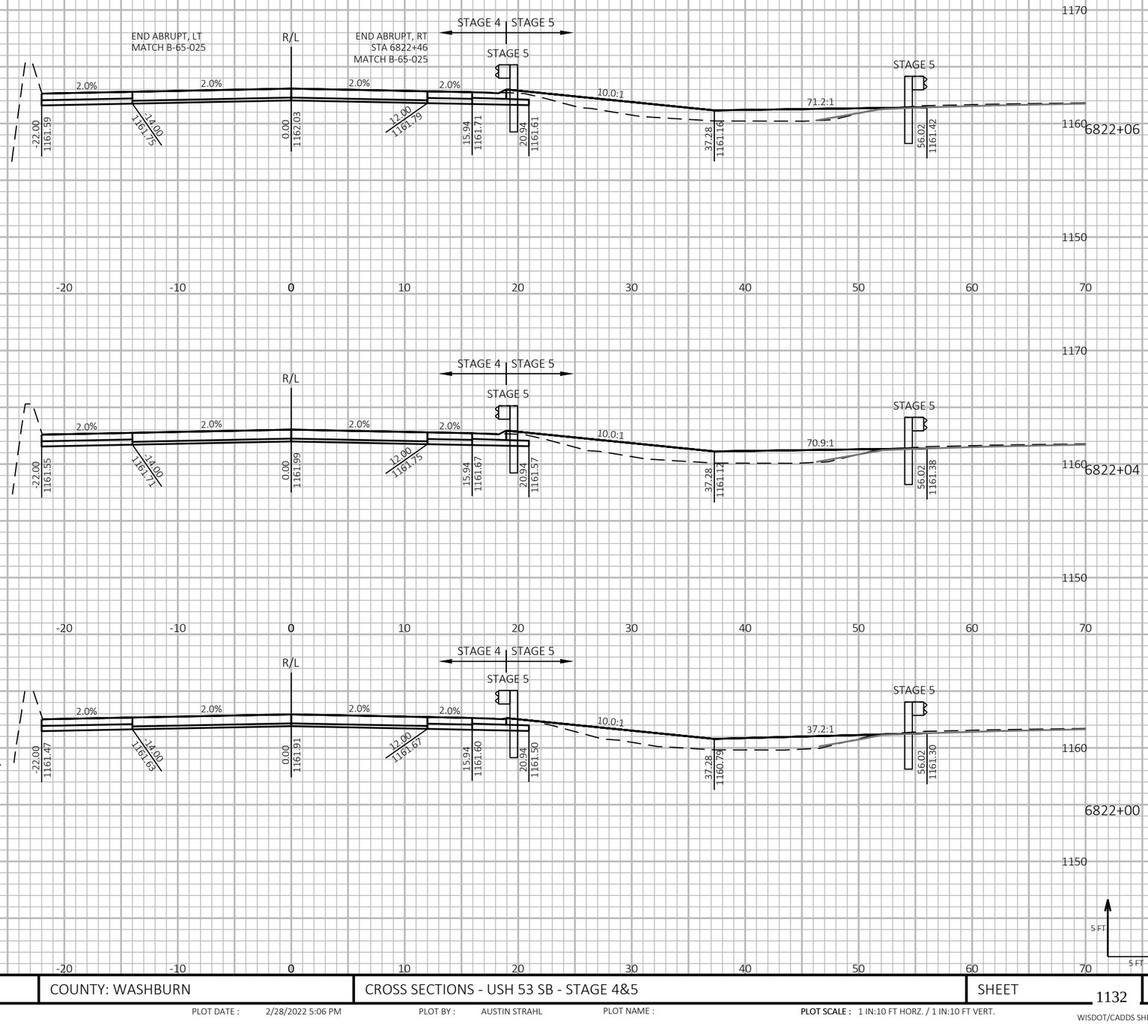
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1132	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 08

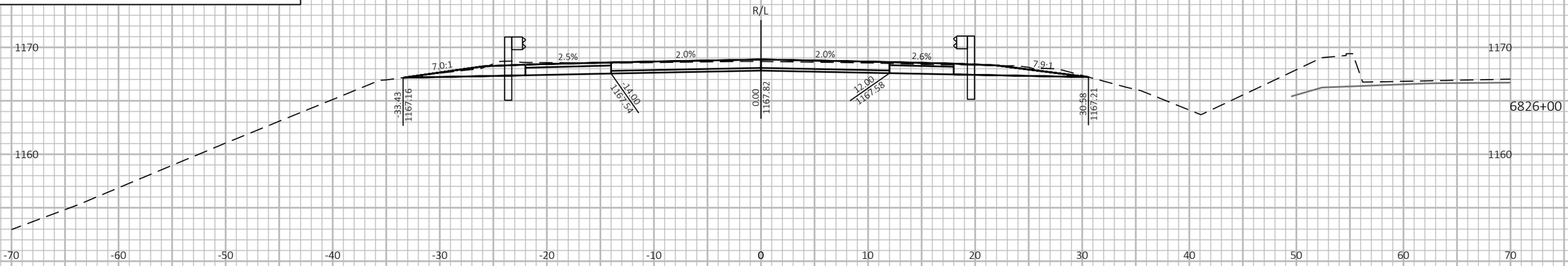
PLOT DATE : 2/28/2022 5:06 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

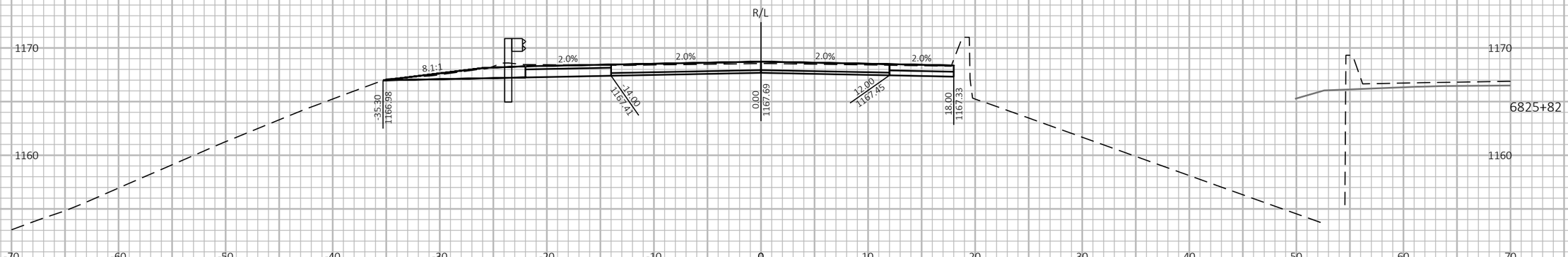
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

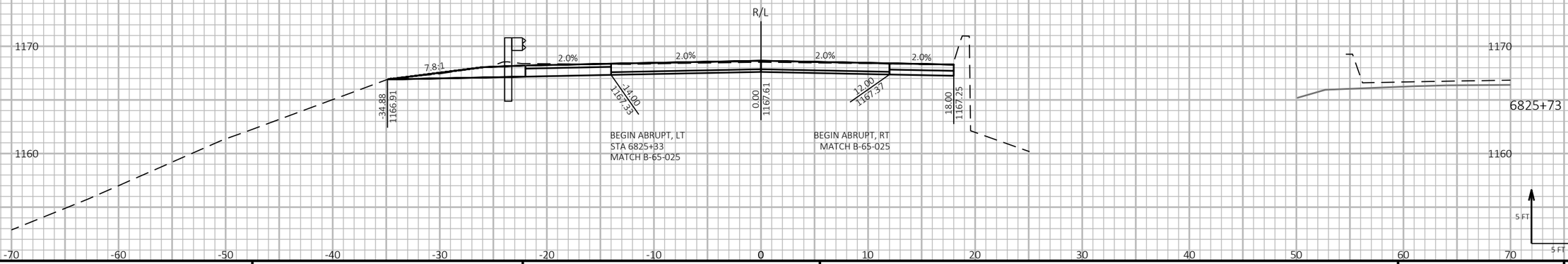
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1133	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 2/28/2022 5:07 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

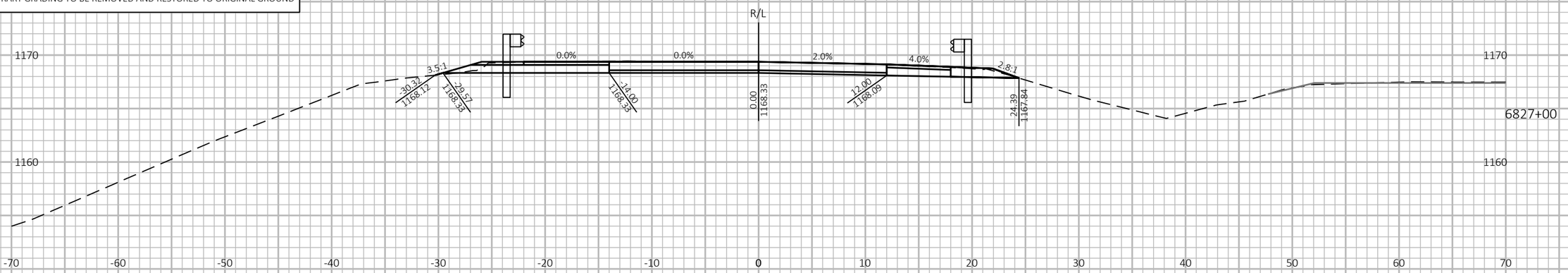
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

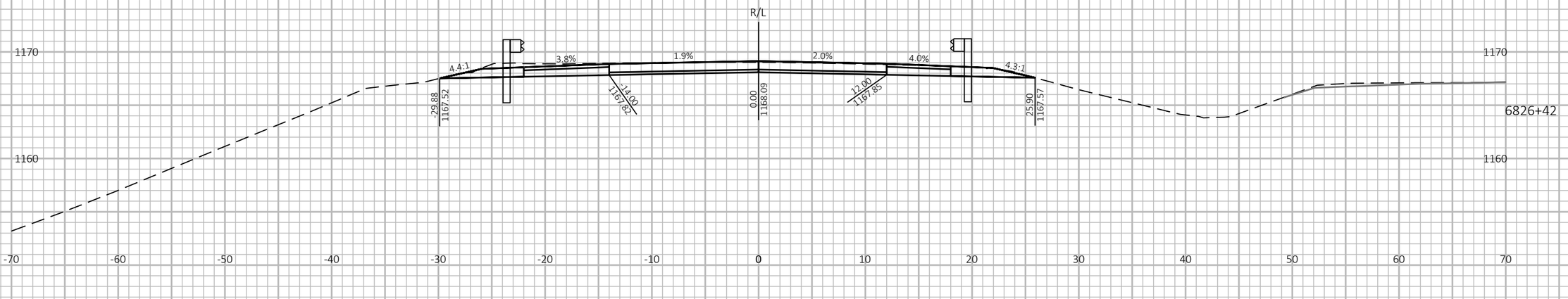
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

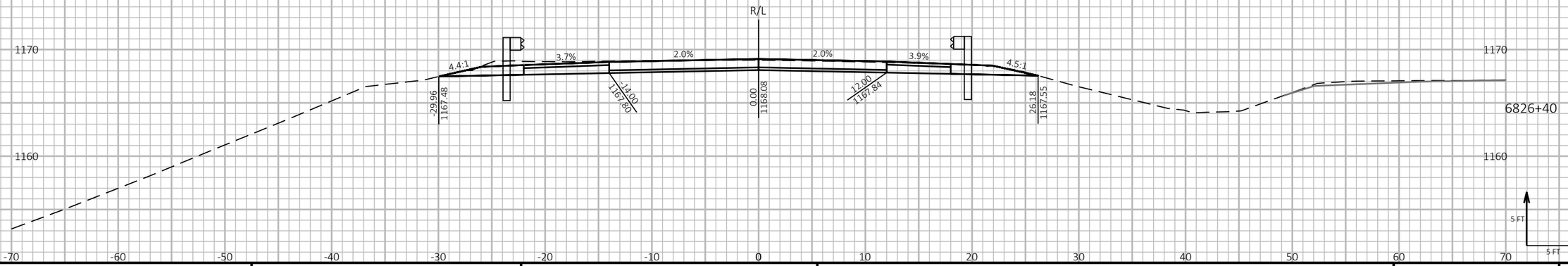
TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



6827+00



6826+42



6826+40

9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1134	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 10

PLOT DATE : 2/28/2022 5:07 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

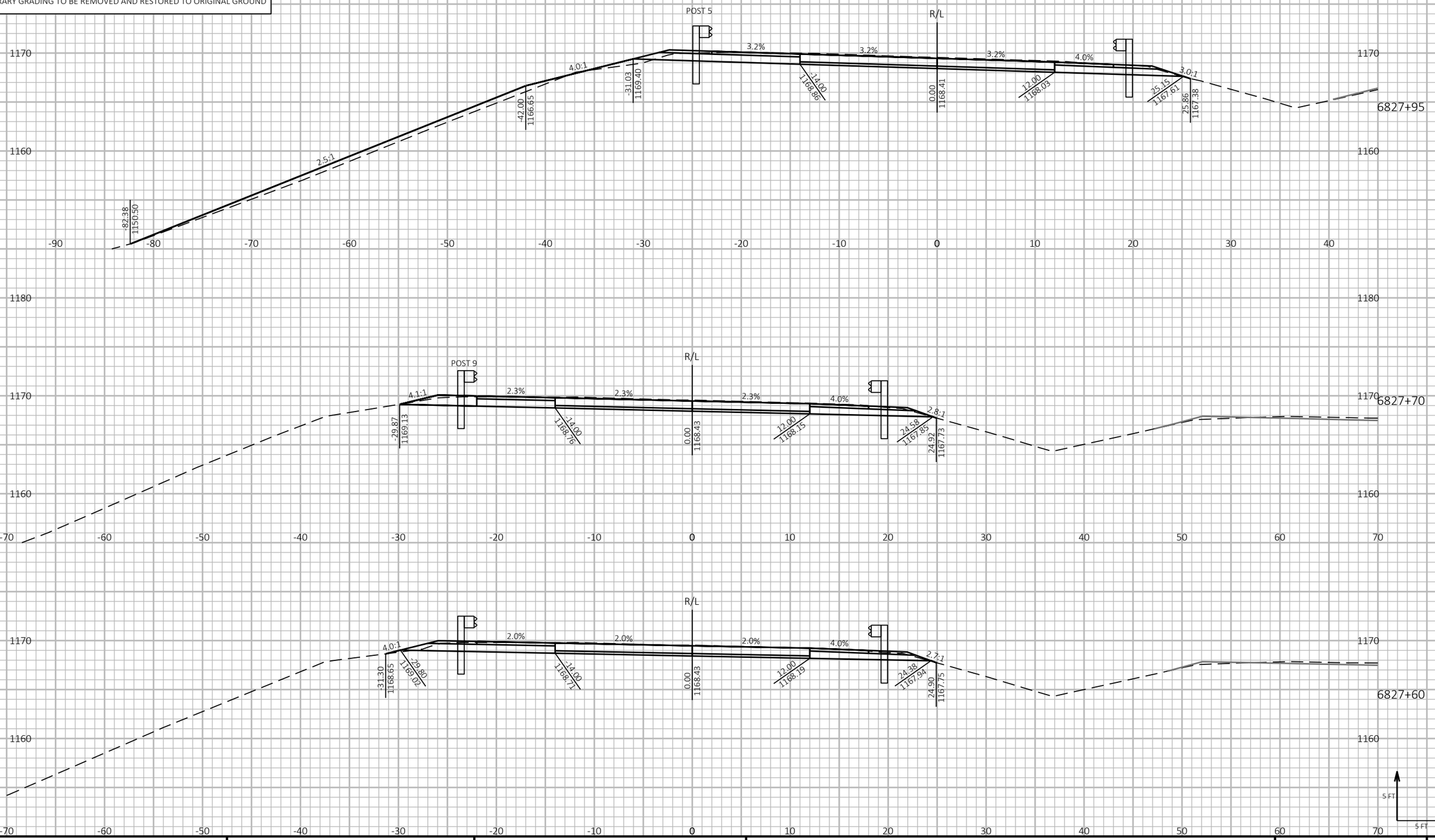
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1135 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 11

PLOT DATE : 2/28/2022 5:07 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

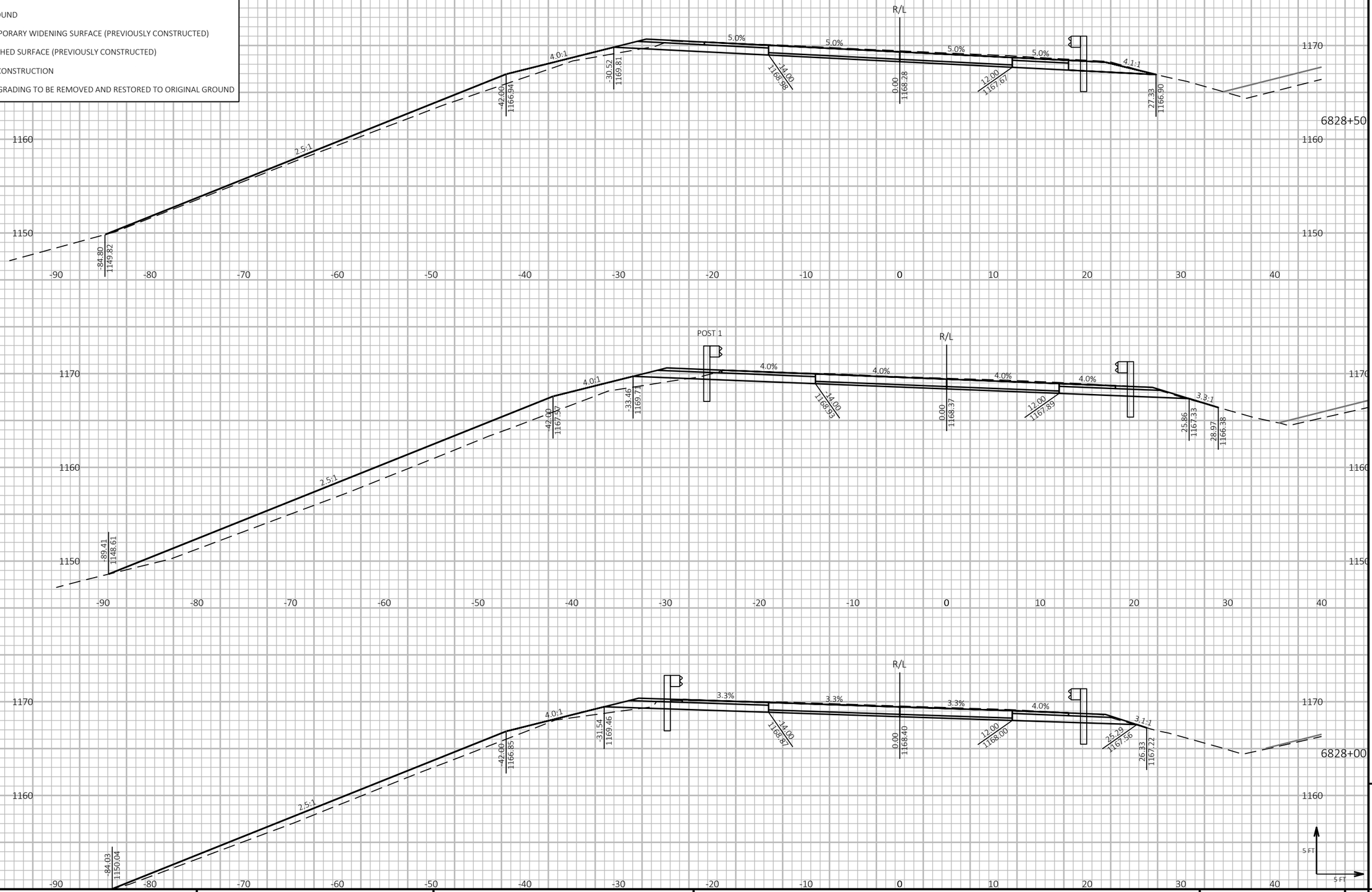
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1136 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 12

PLOT DATE : 2/28/2022 5:07 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

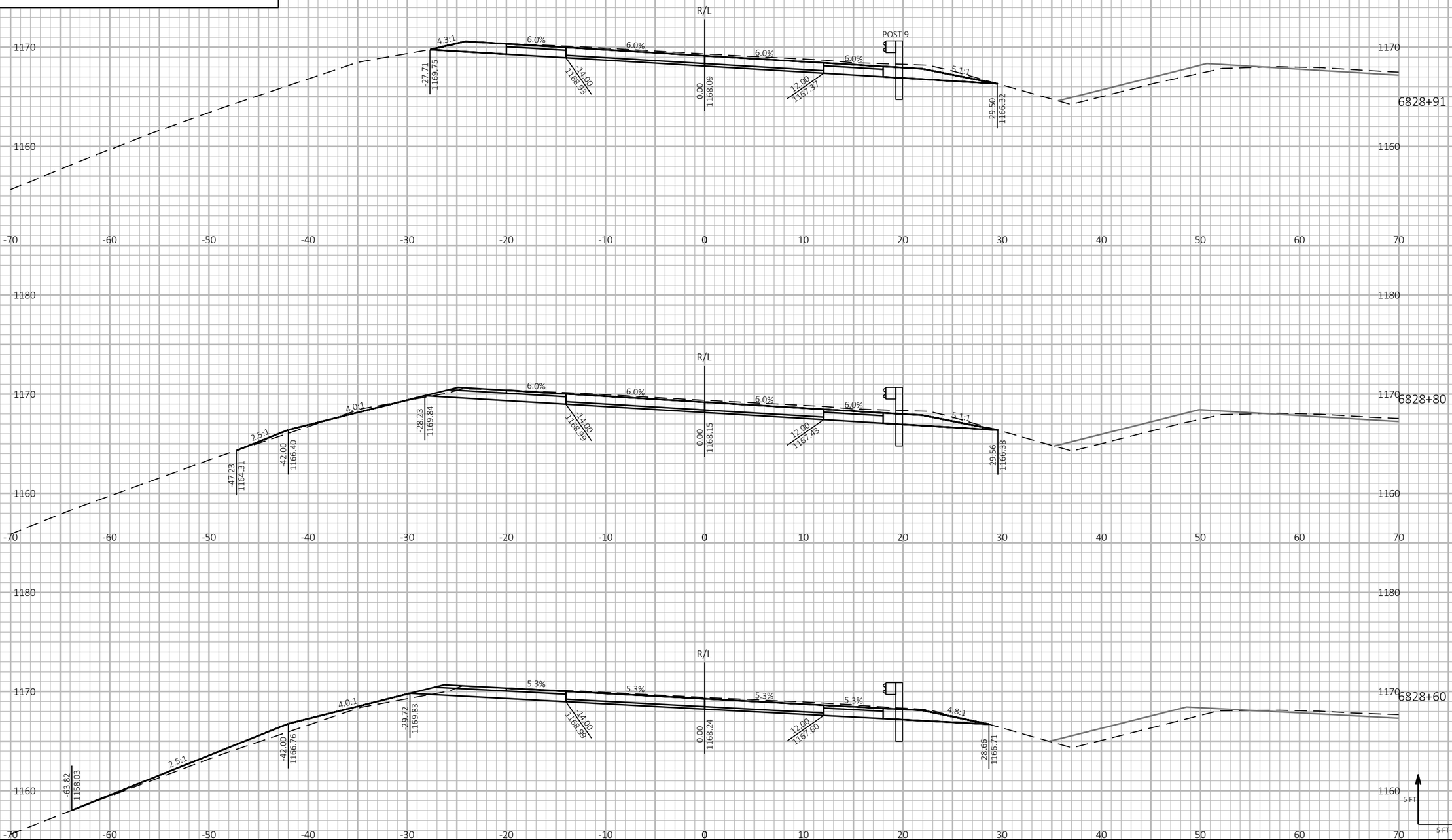
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1137	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 13

PLOT DATE : 2/28/2022 5:08 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

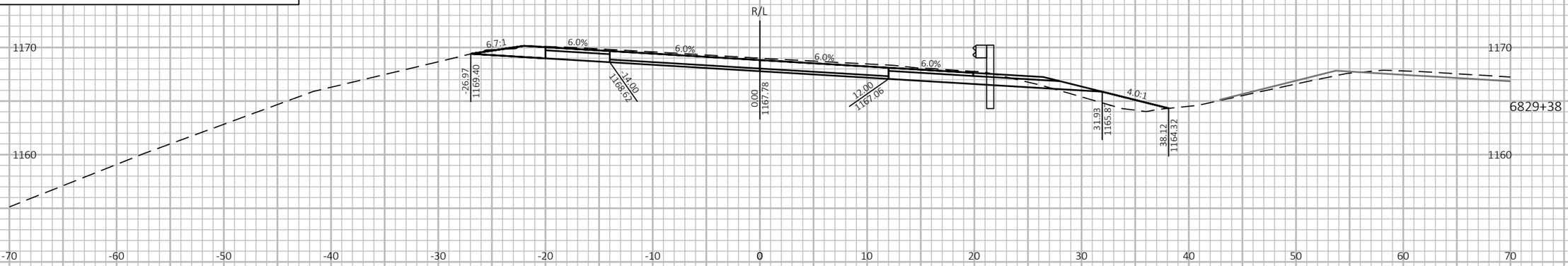
EXISTING GROUND

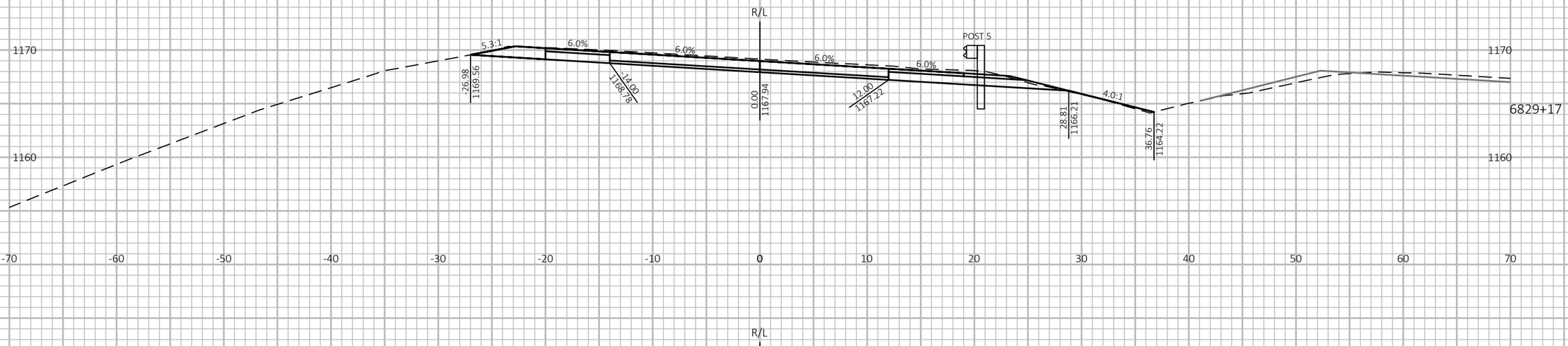
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

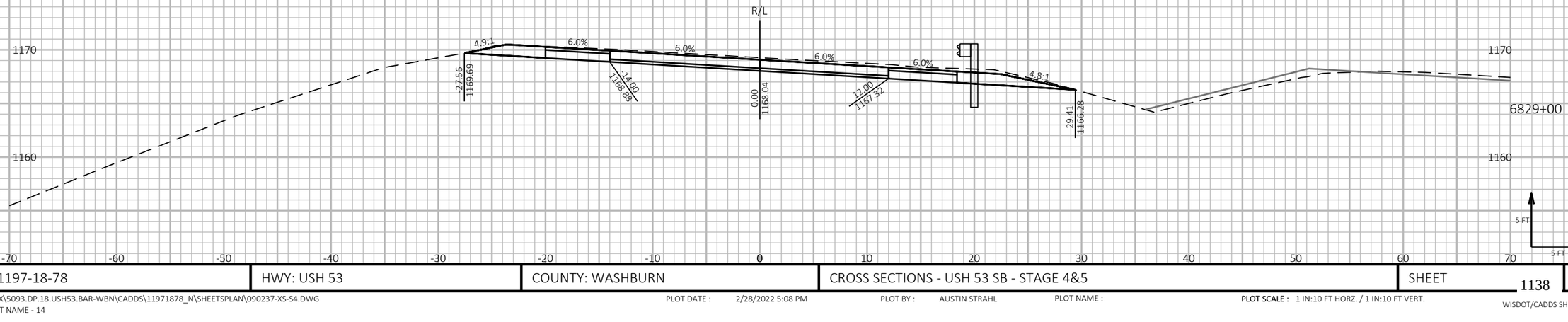
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1138 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 14

PLOT DATE : 2/28/2022 5:08 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

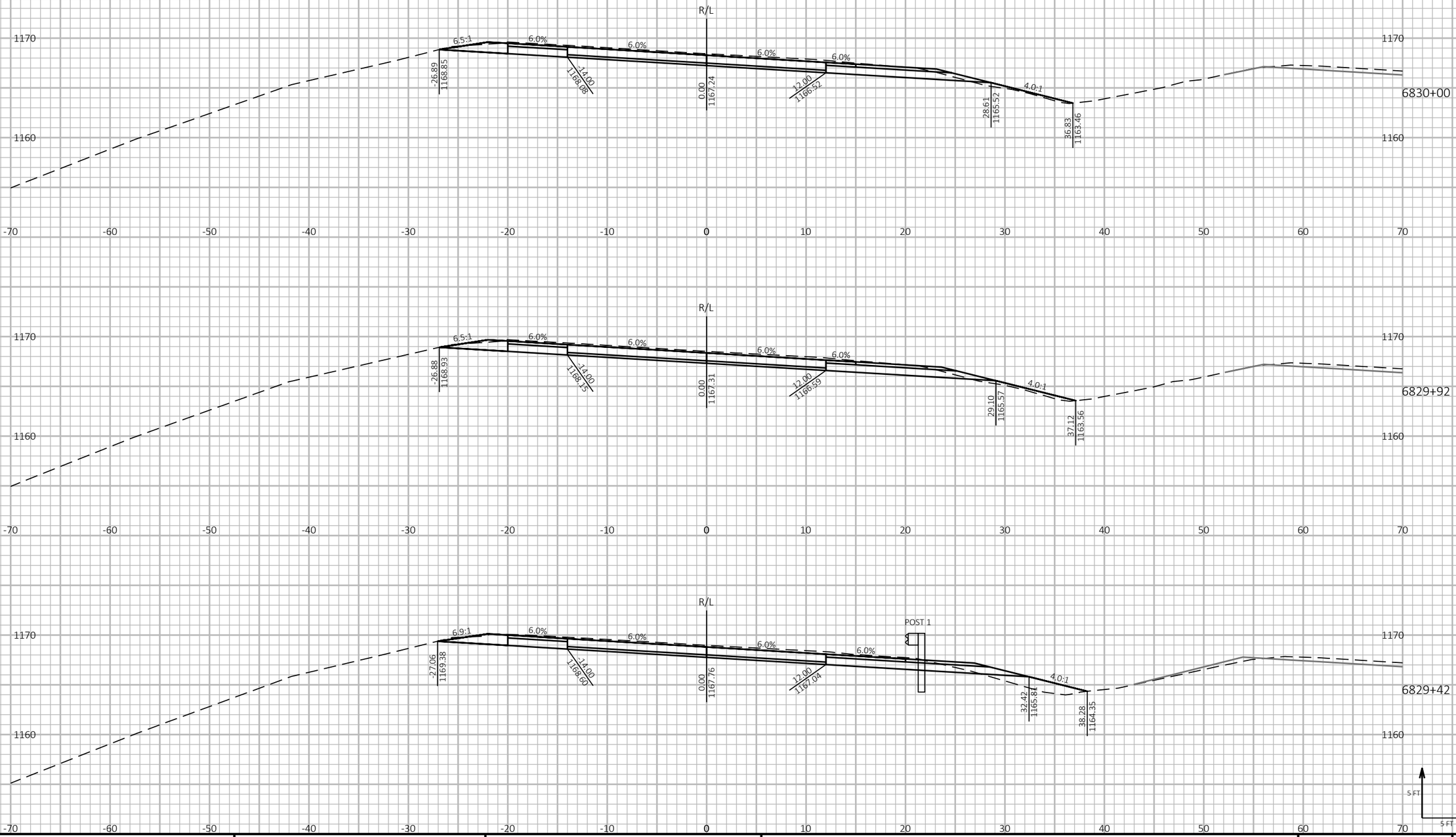
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1139	E

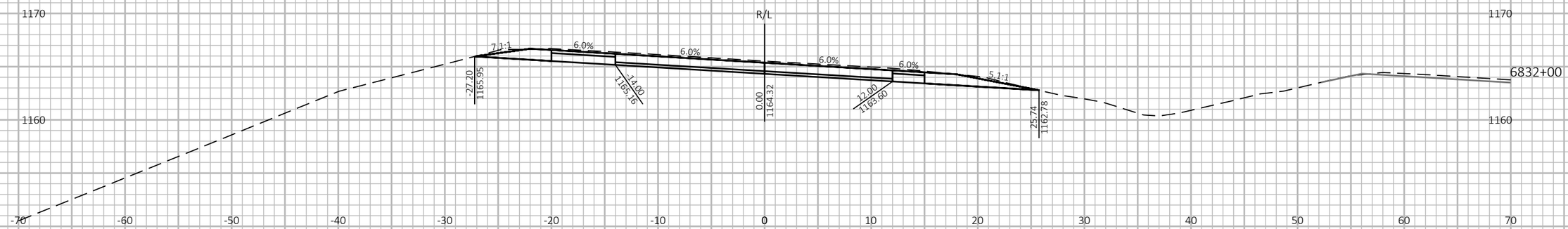
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 15

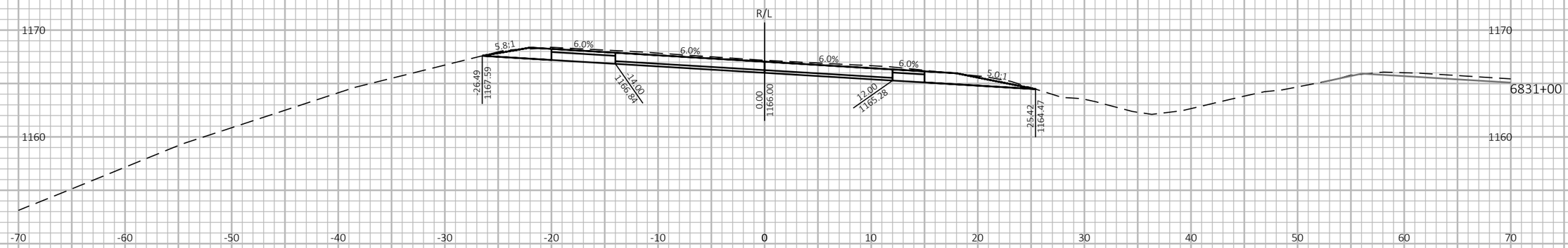
PLOT DATE : 2/28/2022 5:08 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

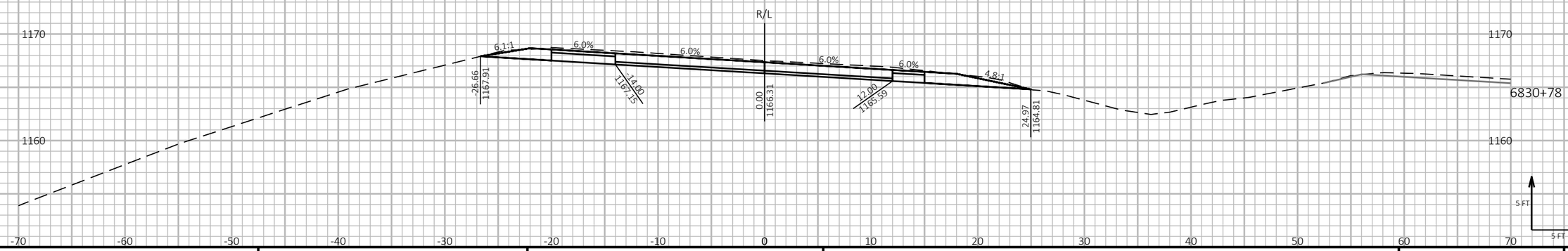
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1140	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 16

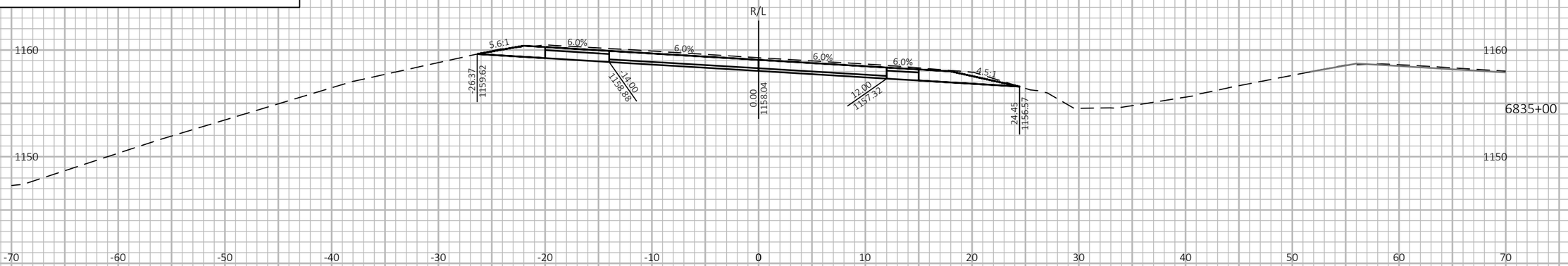
PLOT DATE : 2/28/2022 5:09 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

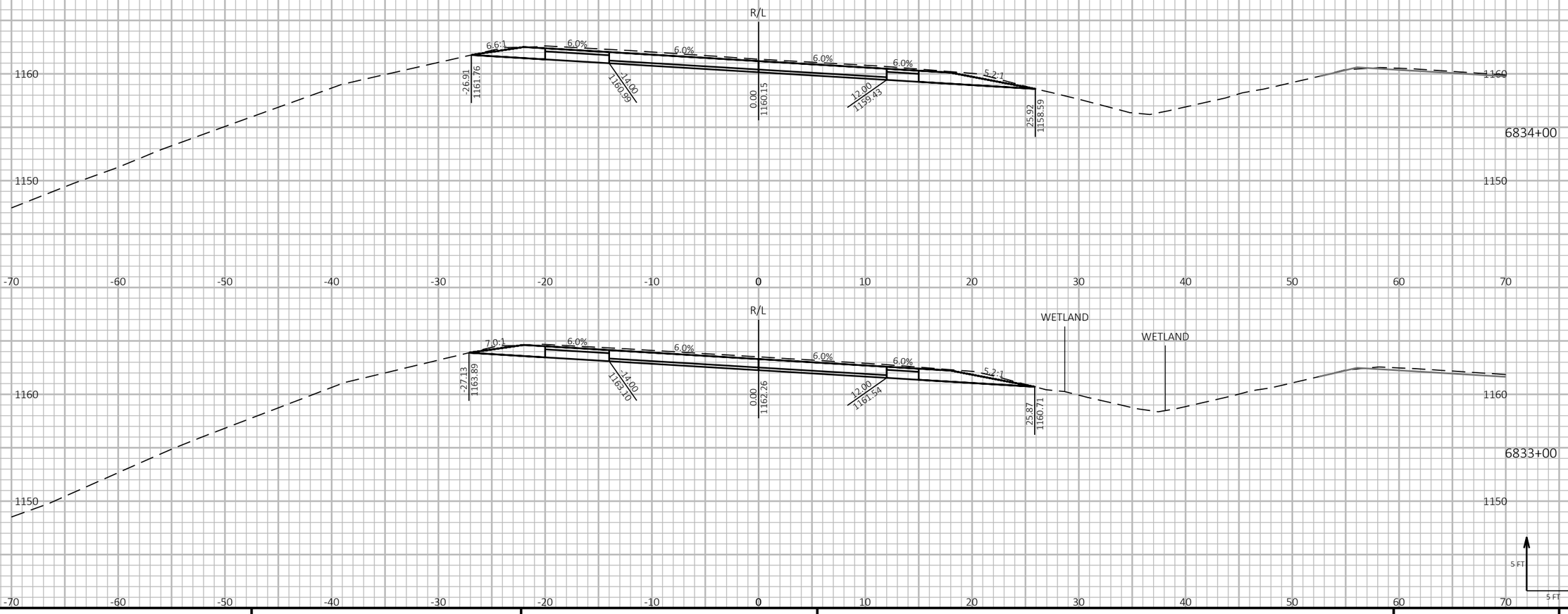
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1141	E

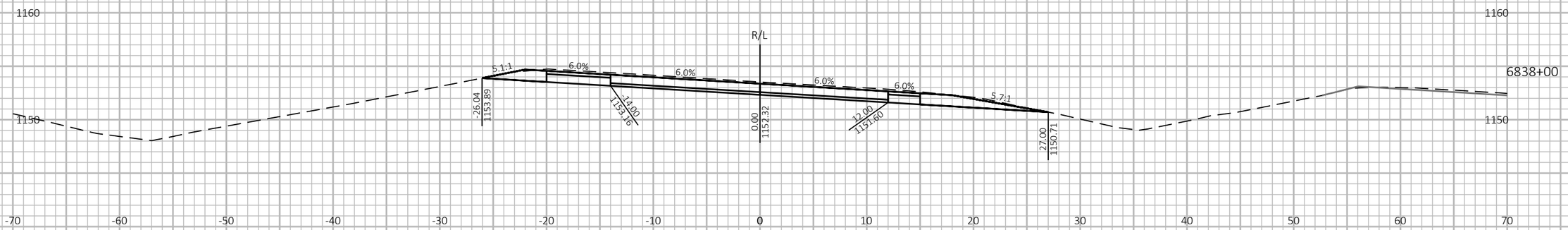
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LAYOUT NAME - 17

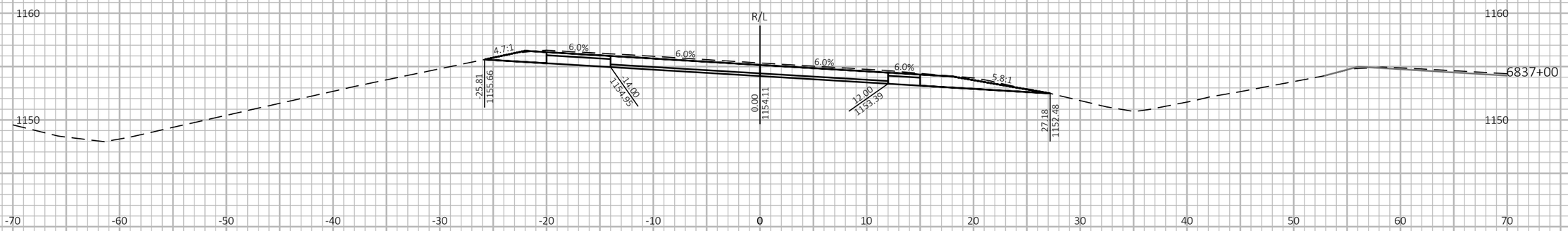
PLOT DATE : 2/28/2022 5:09 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

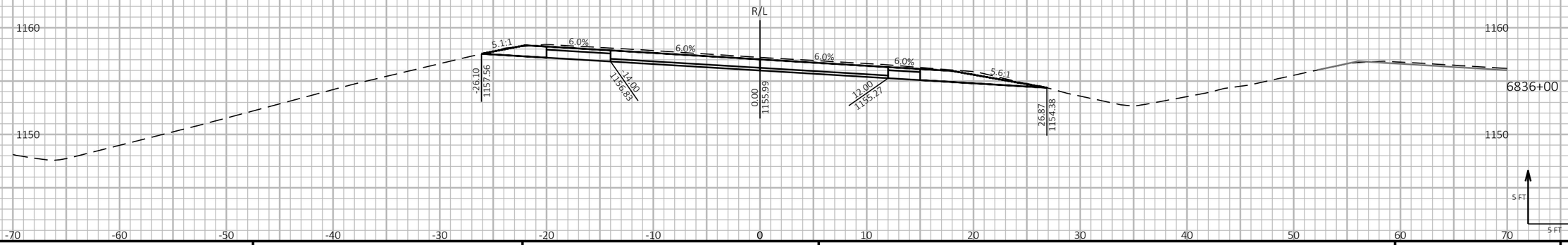
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1142	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 18

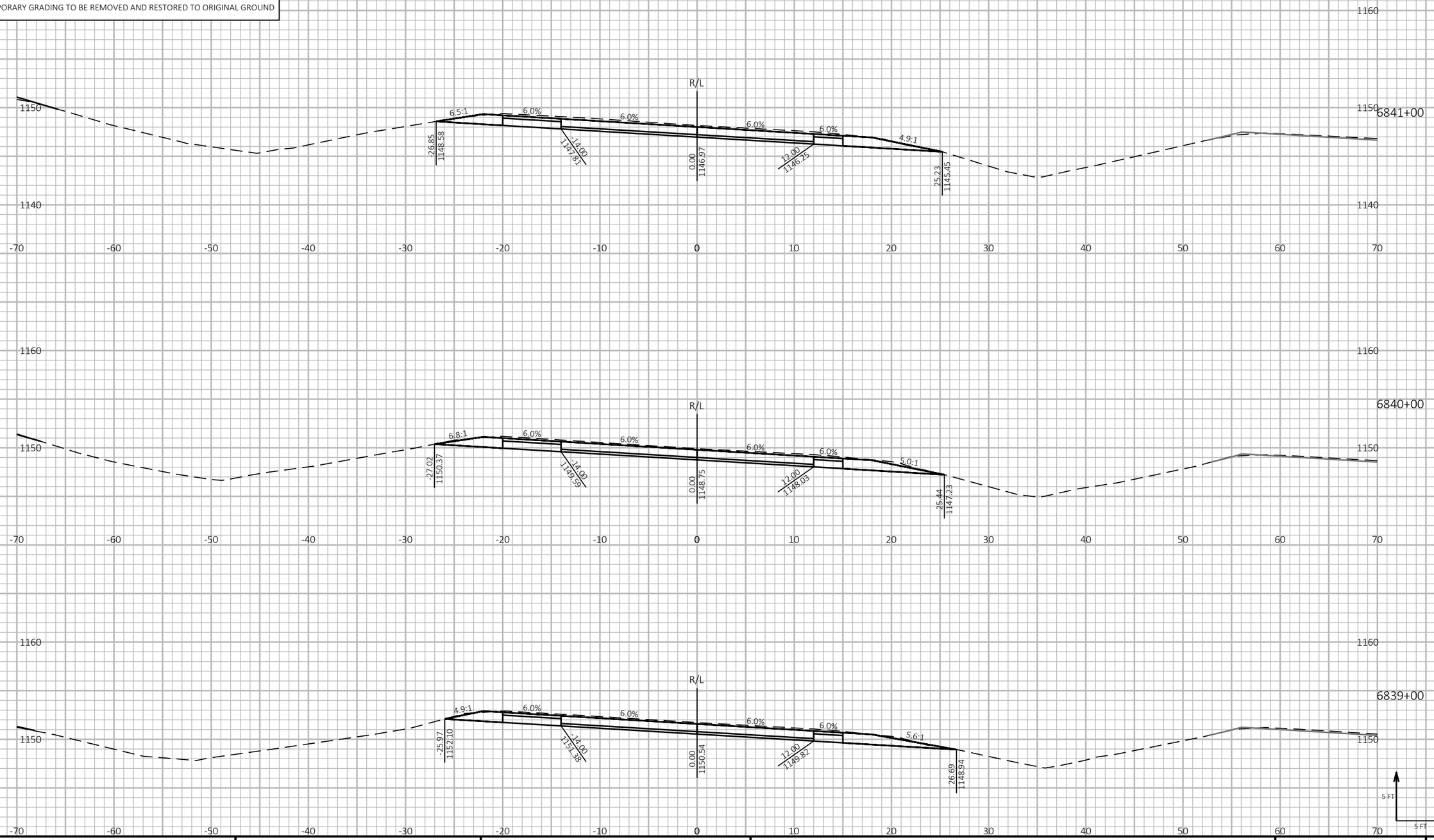
PLOT DATE : 2/28/2022 5:09 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1143 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 19

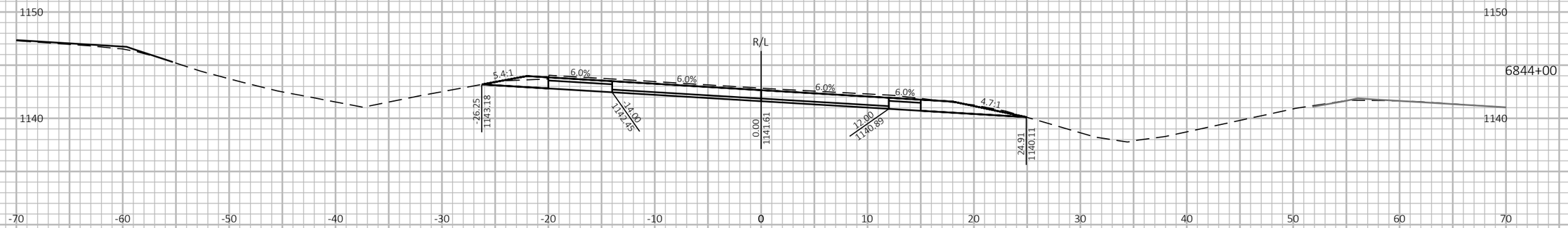
PLOT DATE : 2/28/2022 5:10 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

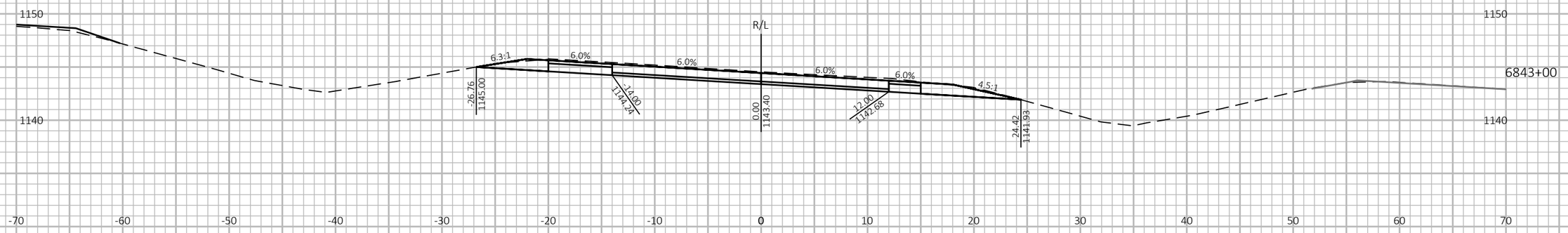
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

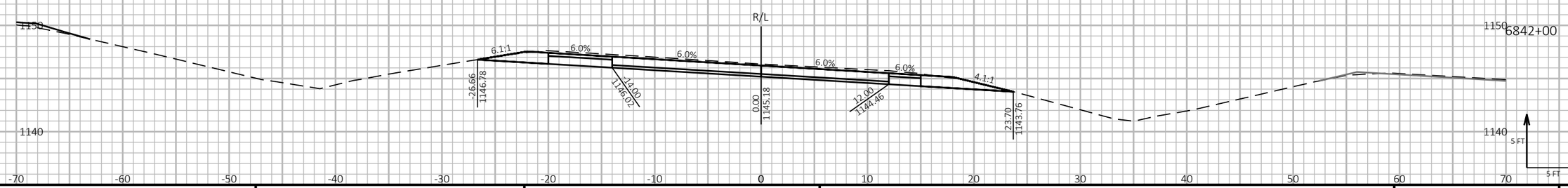
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1144	E

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FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 20

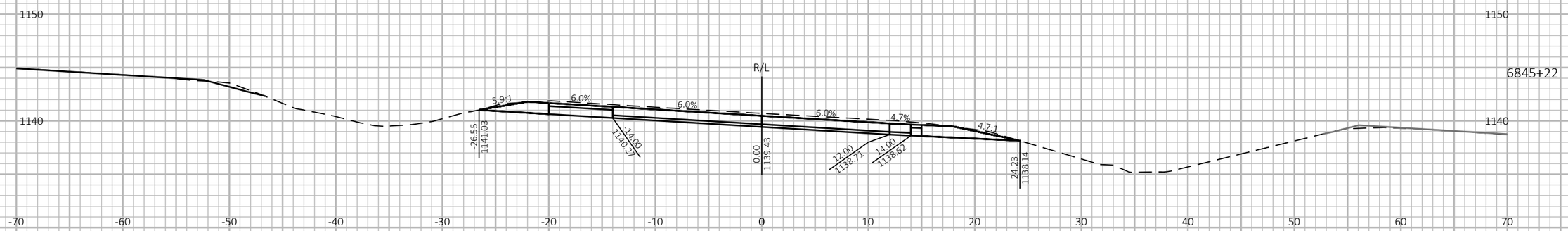
PLOT DATE : 2/28/2022 5:10 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

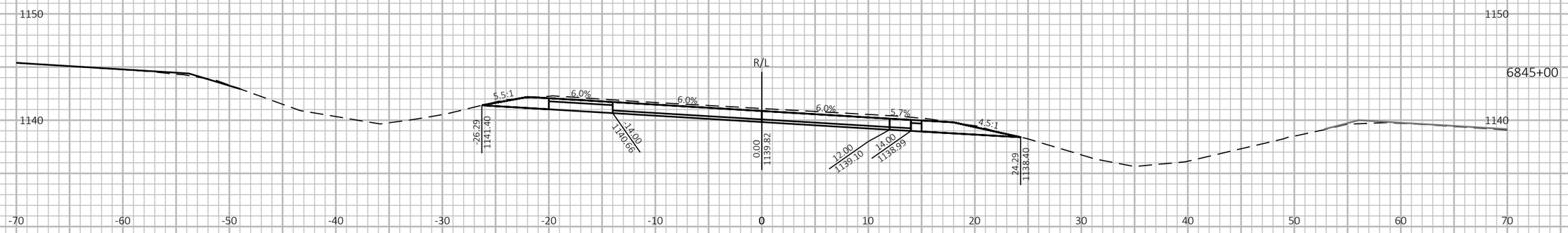
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

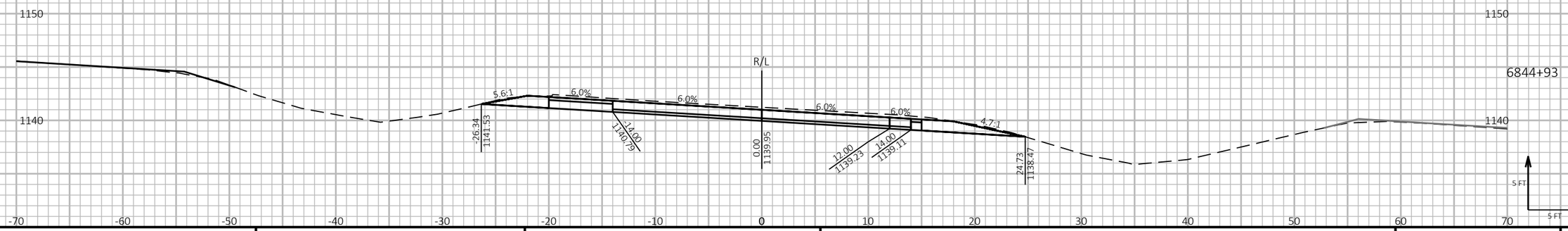
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1145 E

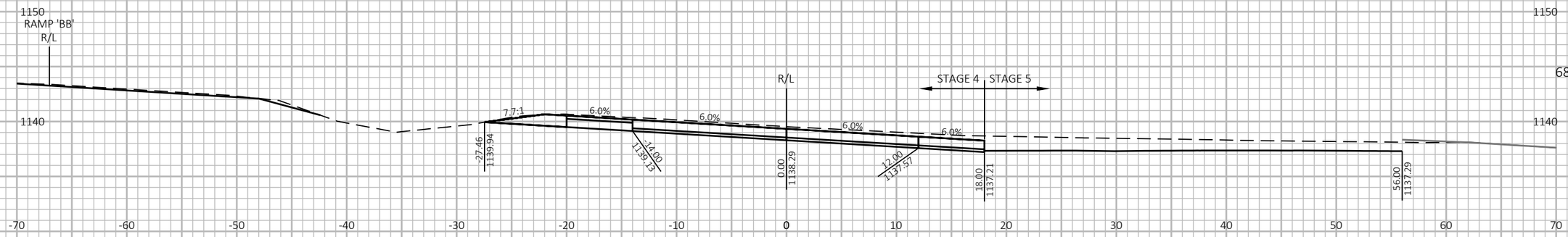
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 21

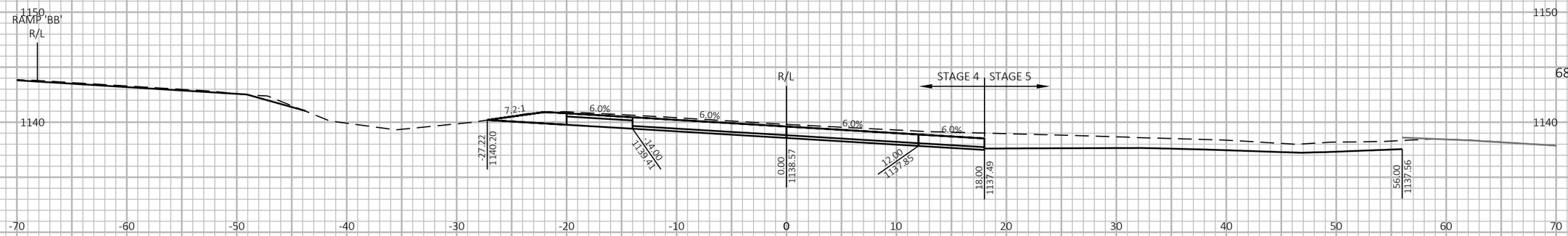
PLOT DATE : 2/28/2022 5:10 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

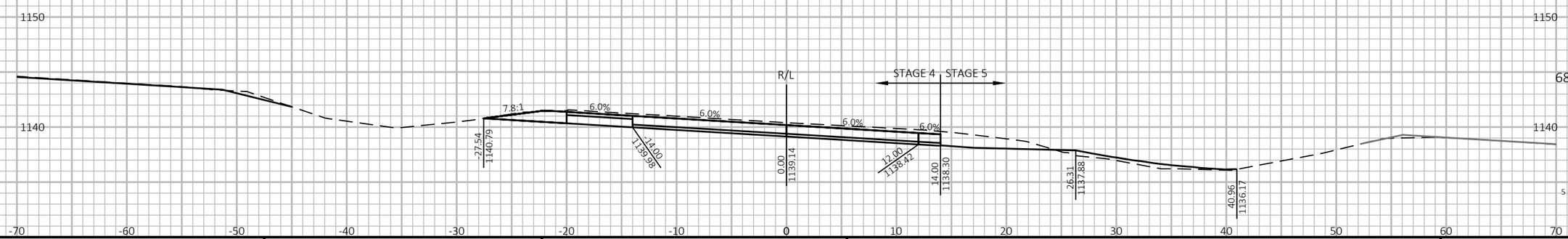
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1146 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 22

PLOT DATE : 2/28/2022 5:10 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

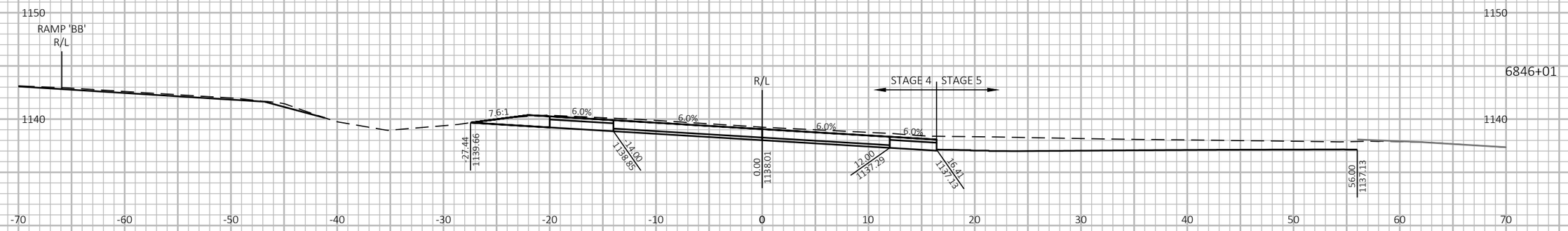
EXISTING GROUND

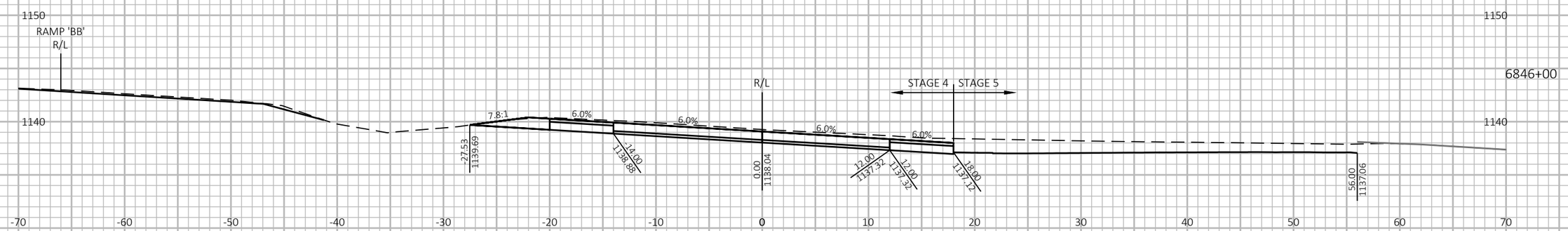
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

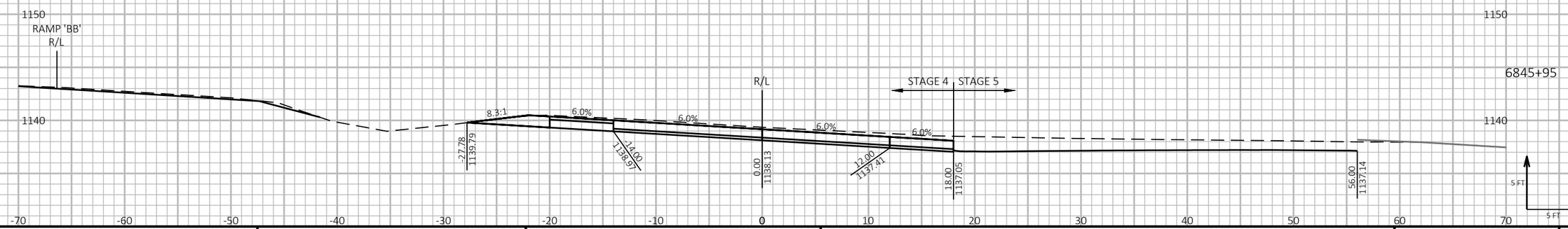
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1147	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 23

PLOT DATE : 2/28/2022 5:11 PM

PLOT BY : AUSTIN STRAHL

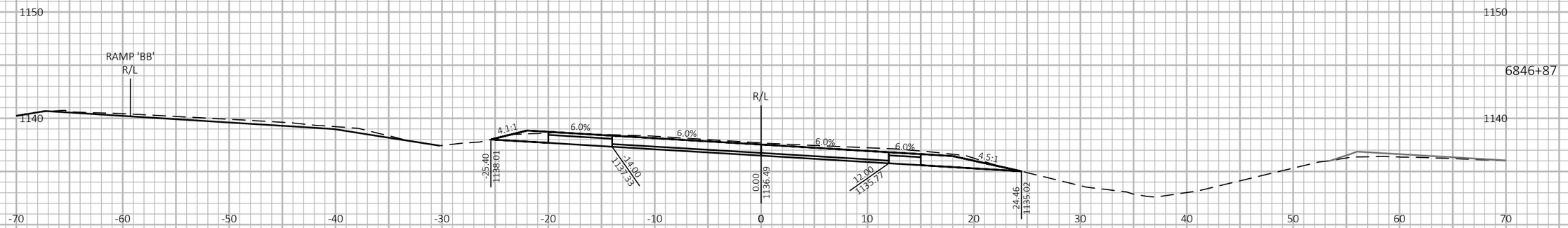
PLOT NAME :

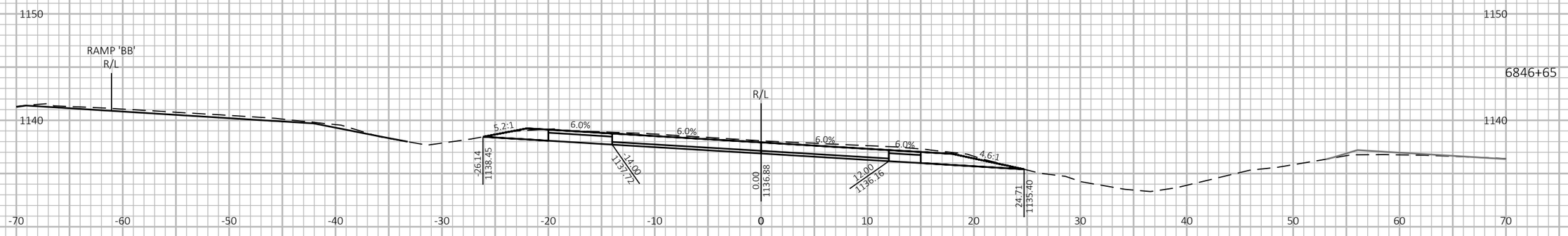
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

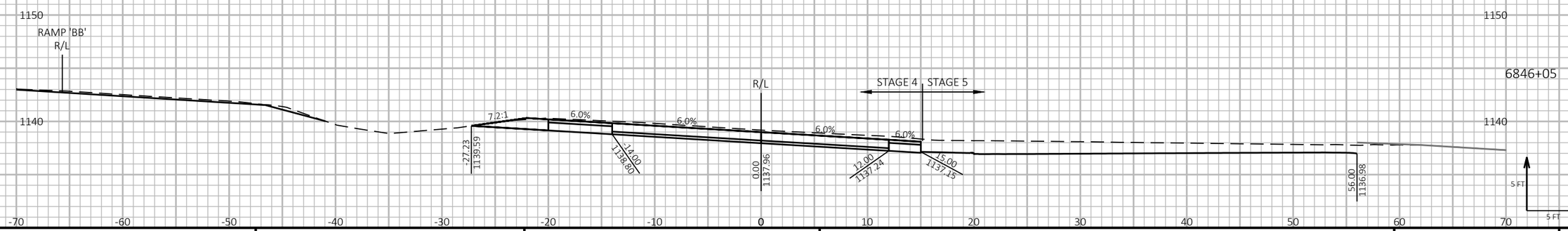
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1148 E

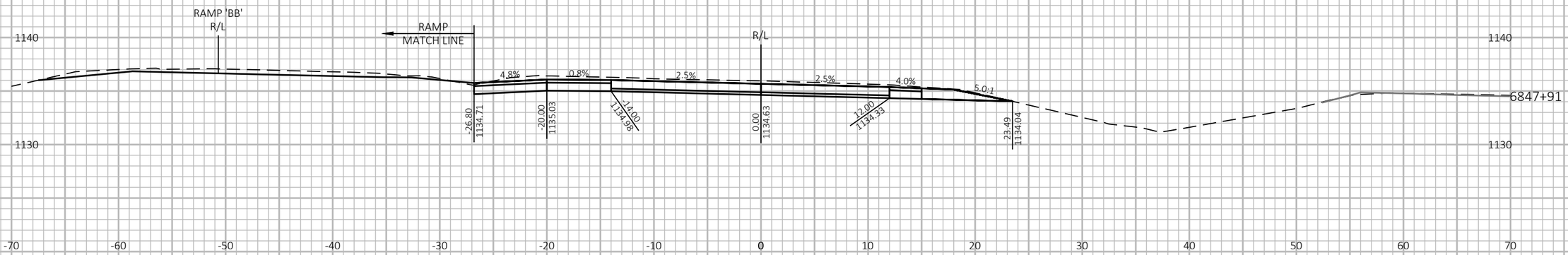
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 24

PLOT DATE : 2/28/2022 5:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

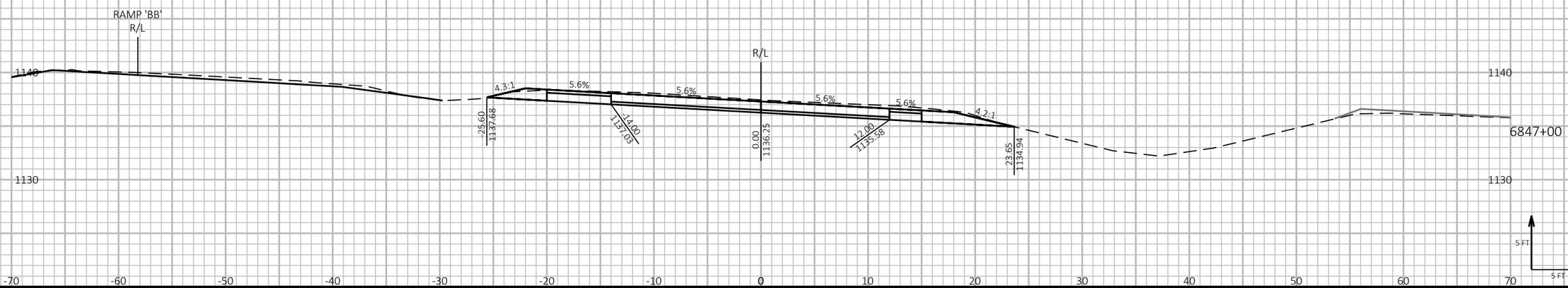
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1149	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 25

PLOT DATE : 2/28/2022 5:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

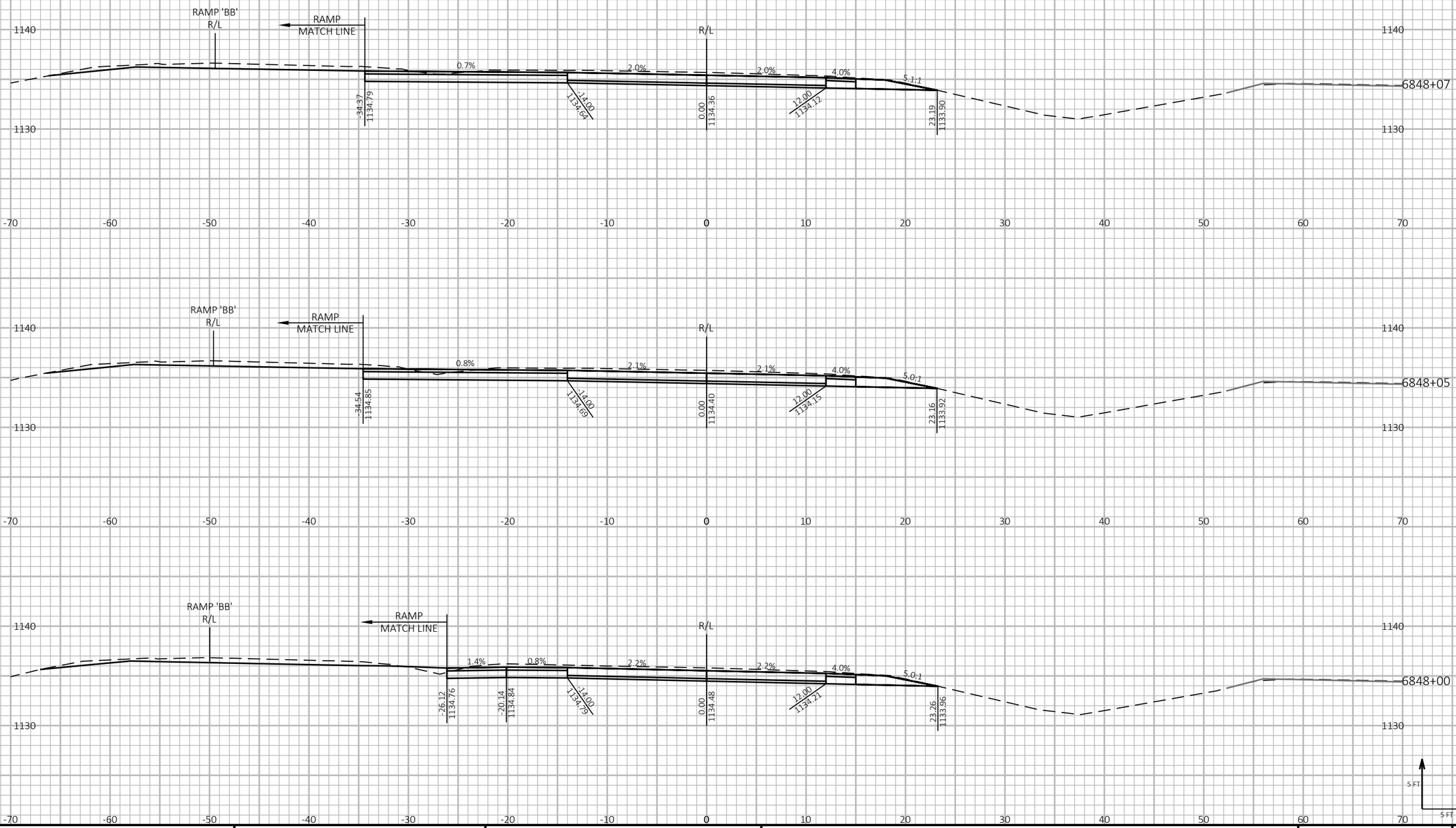
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1150 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 26

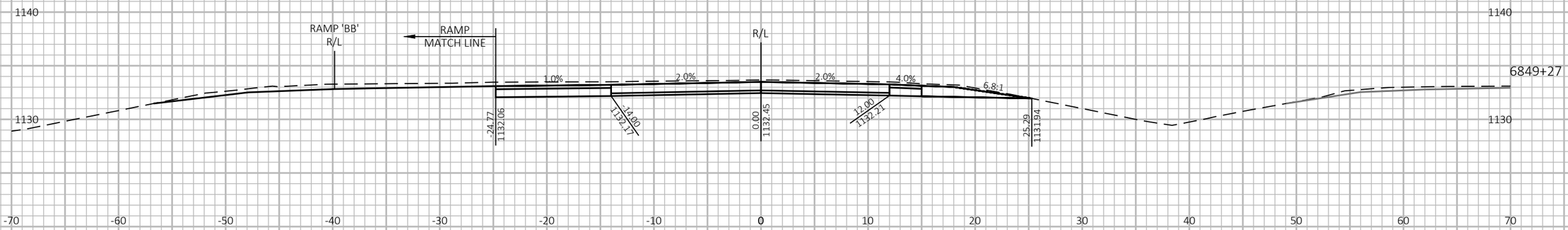
PLOT DATE : 2/28/2022 5:11 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

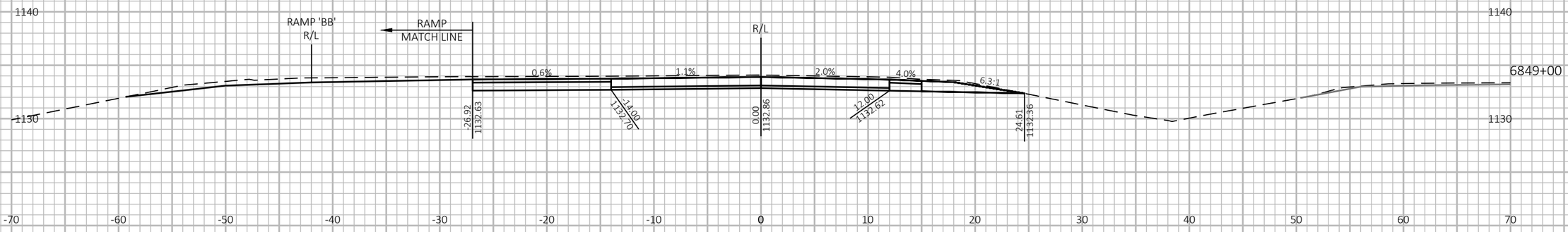
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

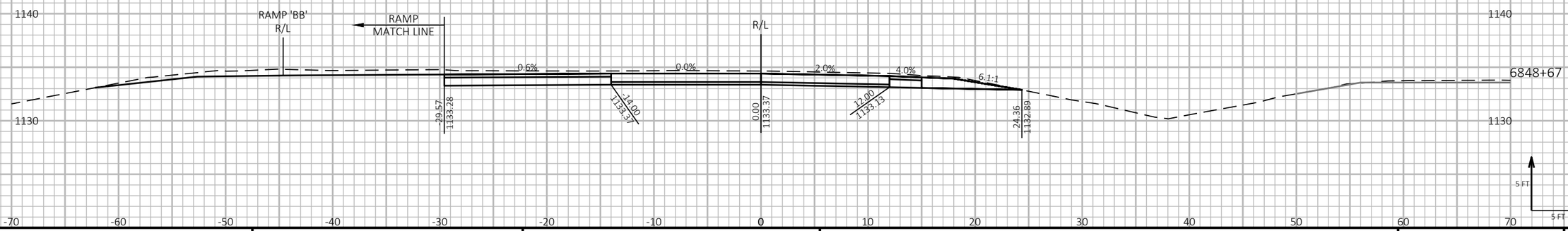
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1151 E

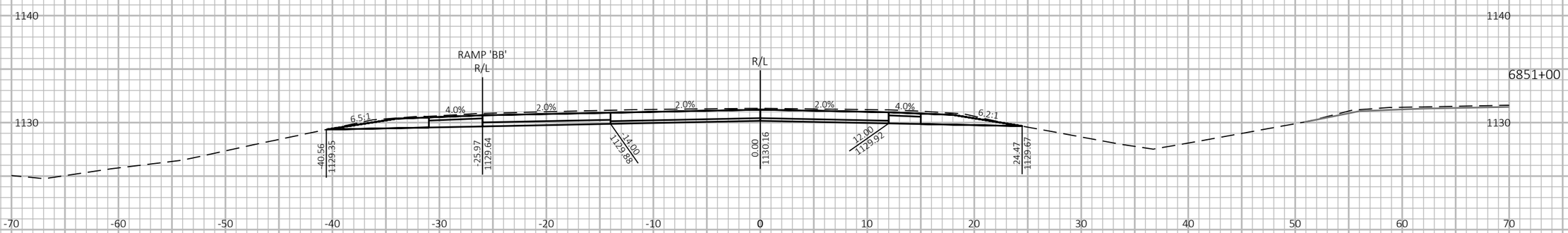
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LAYOUT NAME - 27

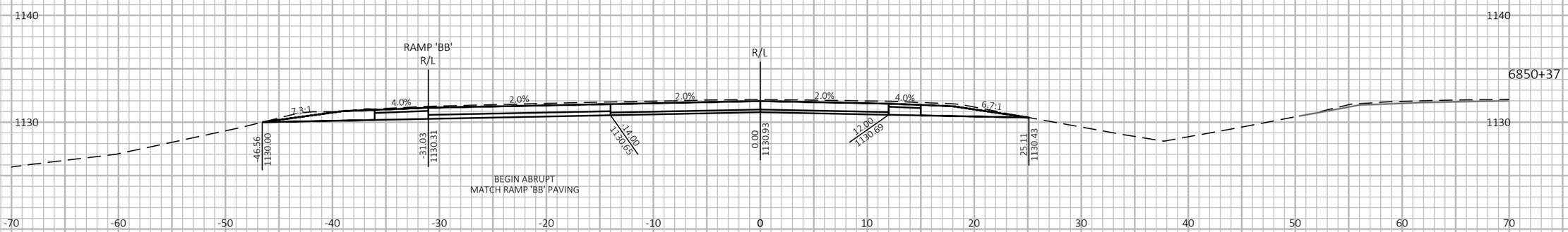
PLOT DATE : 2/28/2022 5:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

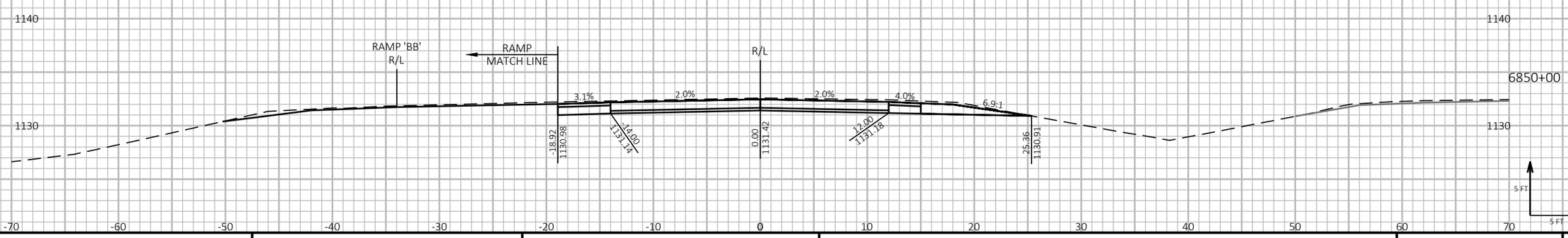
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1152 E

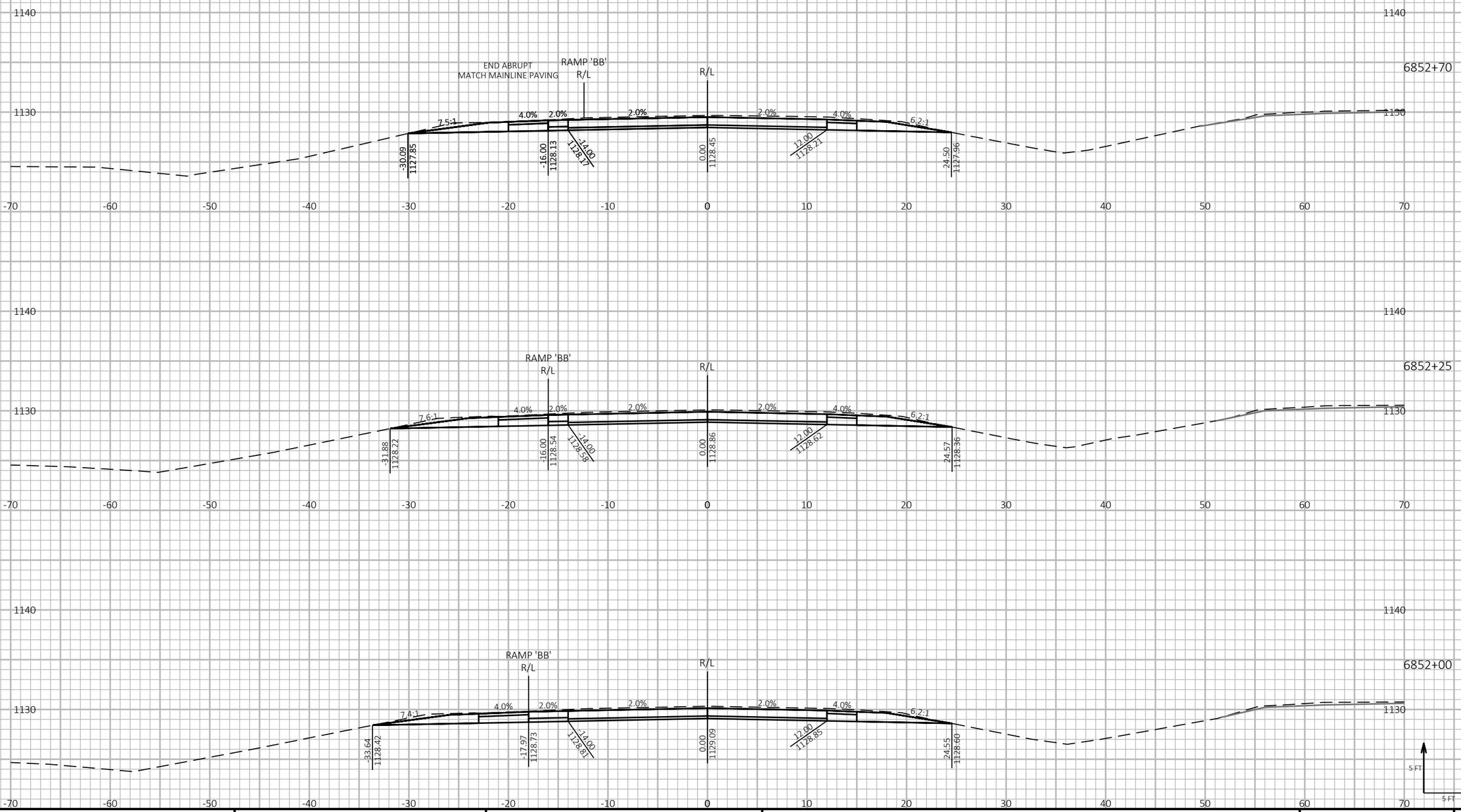
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LAYOUT NAME - 28

PLOT DATE : 2/28/2022 5:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1153 E

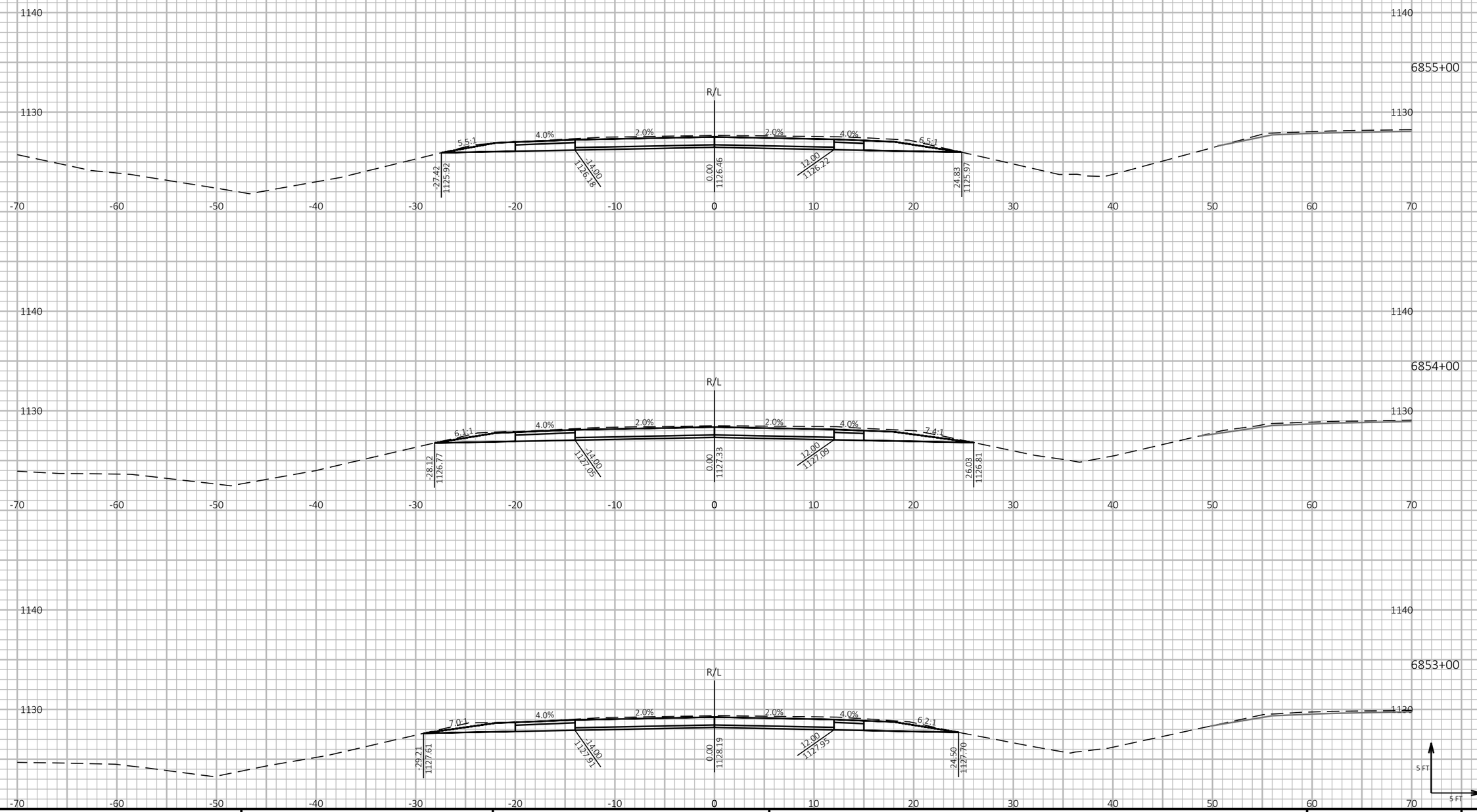
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 29

PLOT DATE : 2/28/2022 5:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1154 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 30

PLOT DATE : 2/28/2022 5:12 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

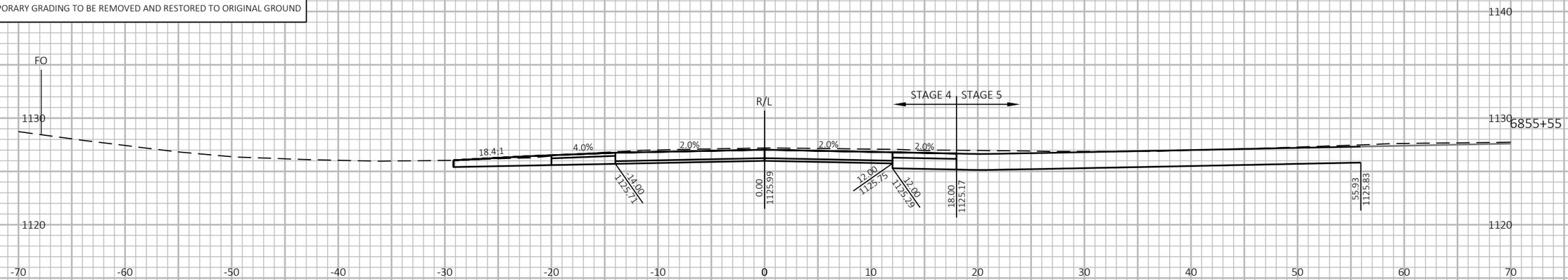
EXISTING GROUND

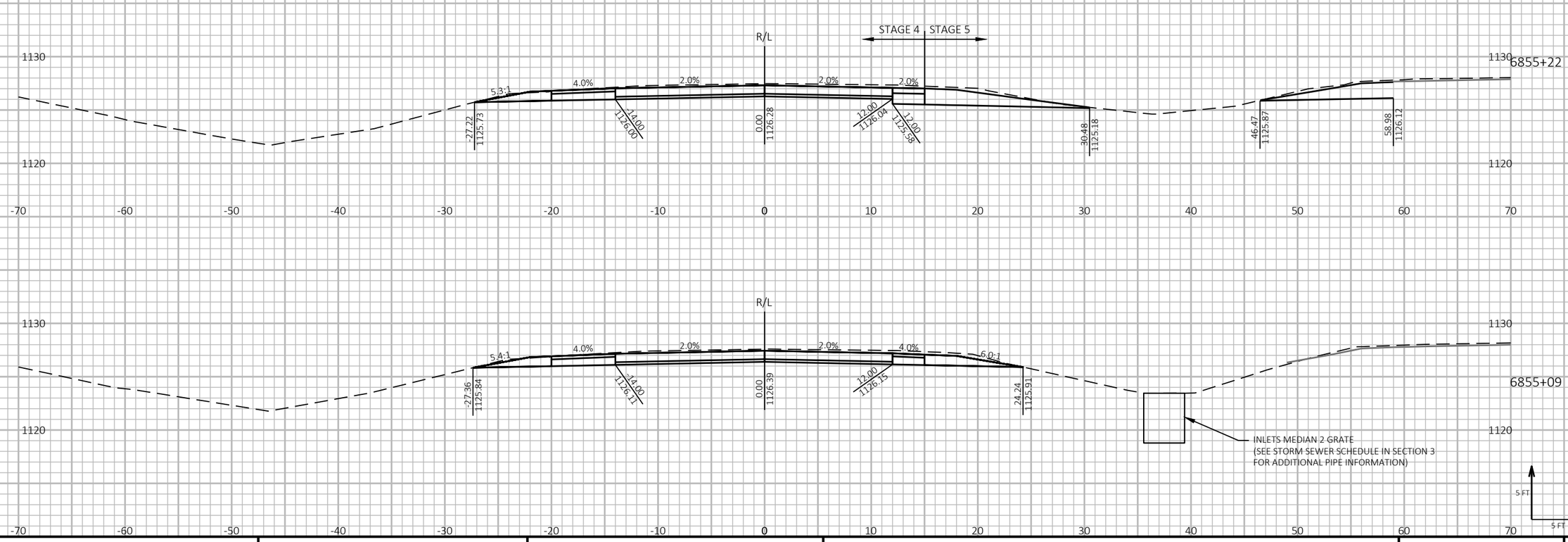
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1155	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 31

PLOT DATE : 2/28/2022 5:13 PM

PLOT BY : AUSTIN STRAHL

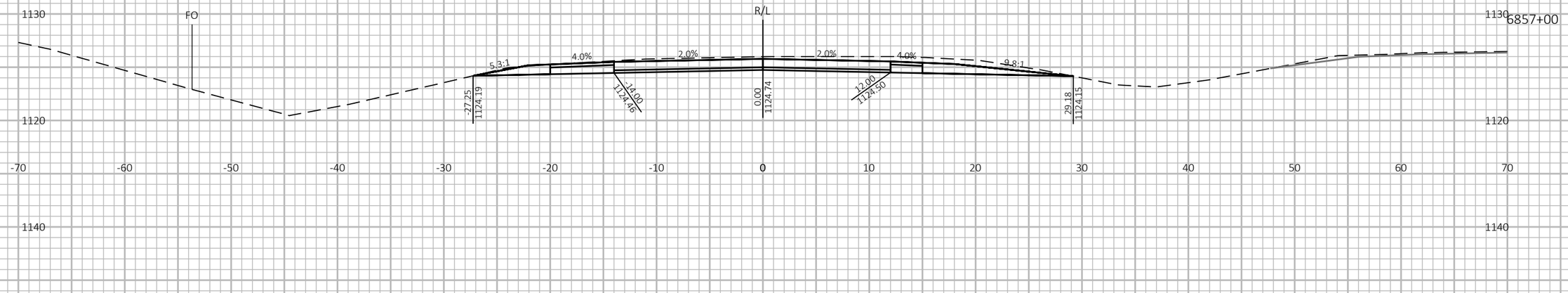
PLOT NAME :

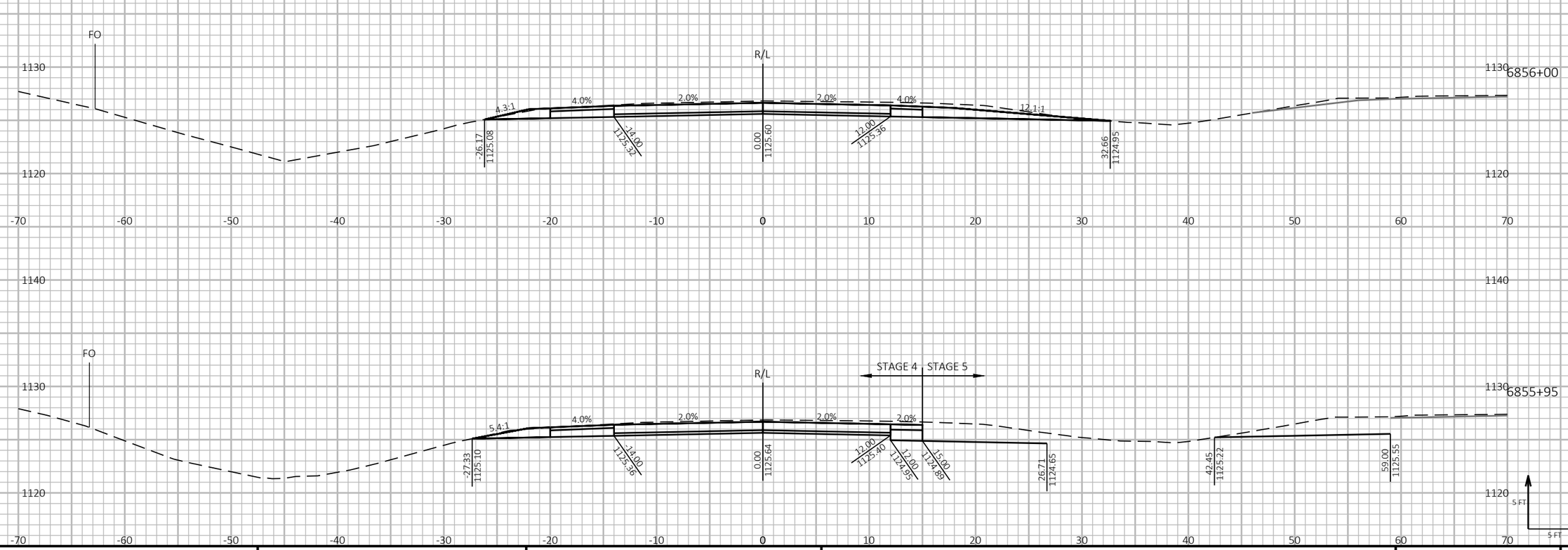
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1156	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 32

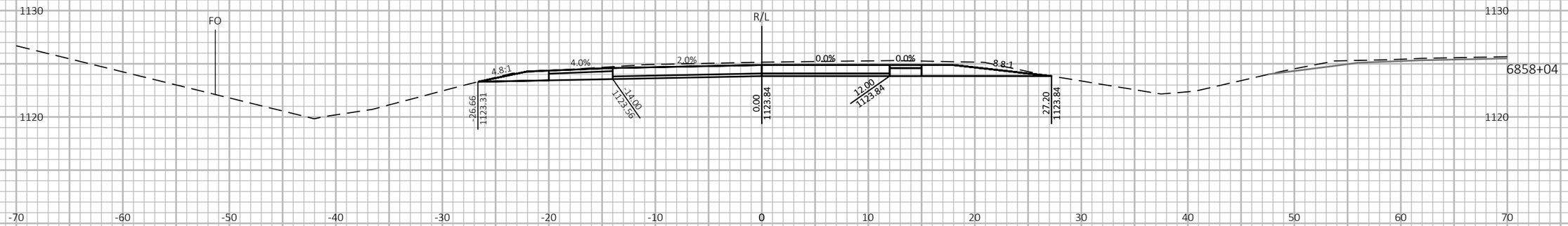
PLOT DATE : 2/28/2022 5:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

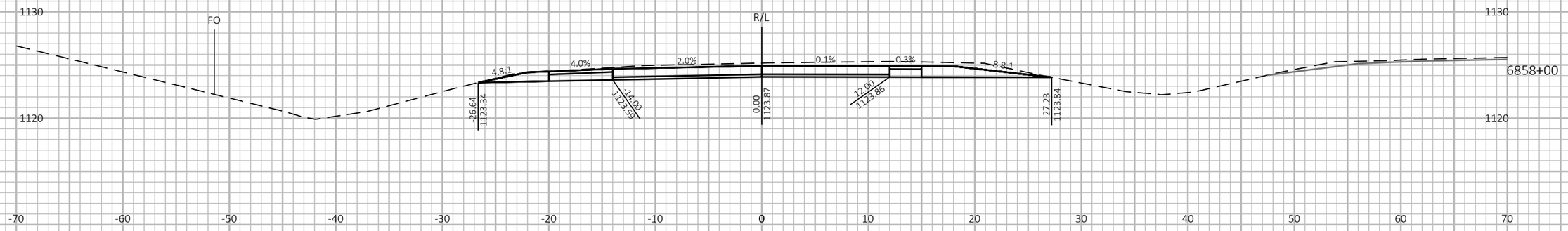
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1157	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 33

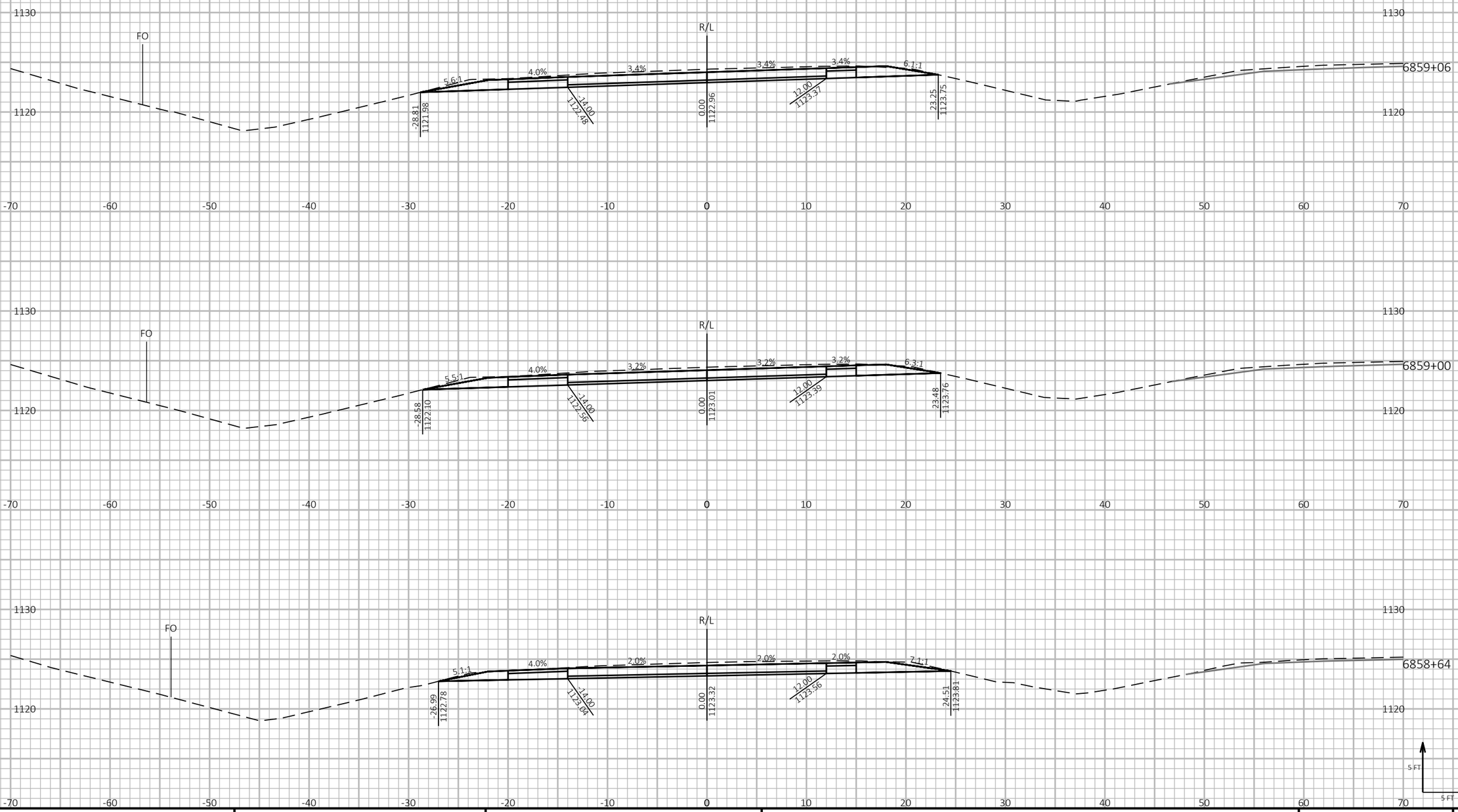
PLOT DATE : 2/28/2022 5:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1158	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 34

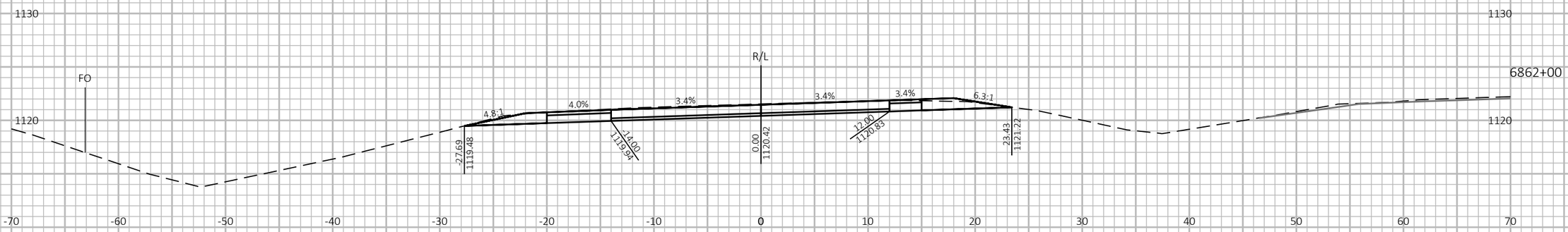
PLOT DATE : 2/28/2022 5:13 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

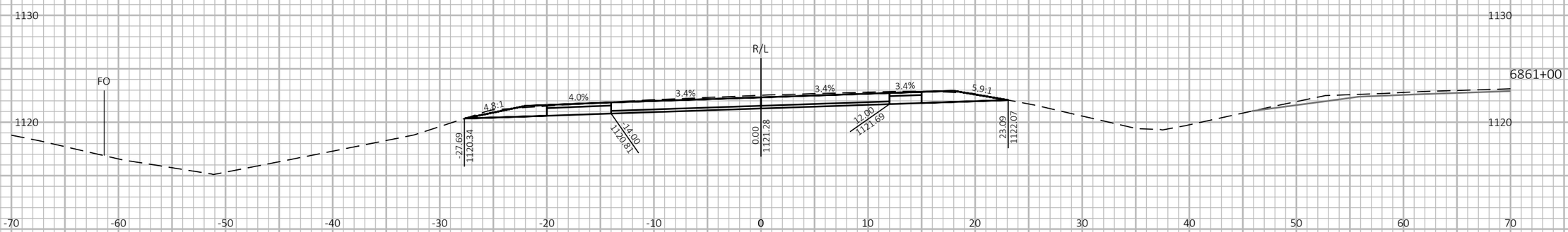
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

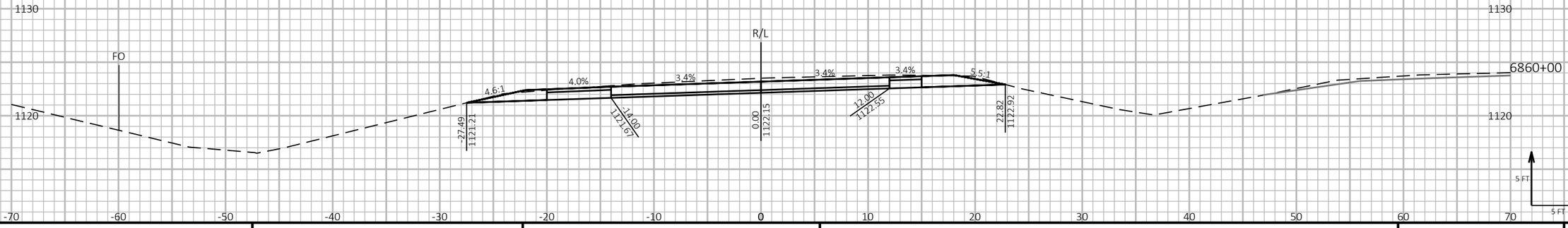
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







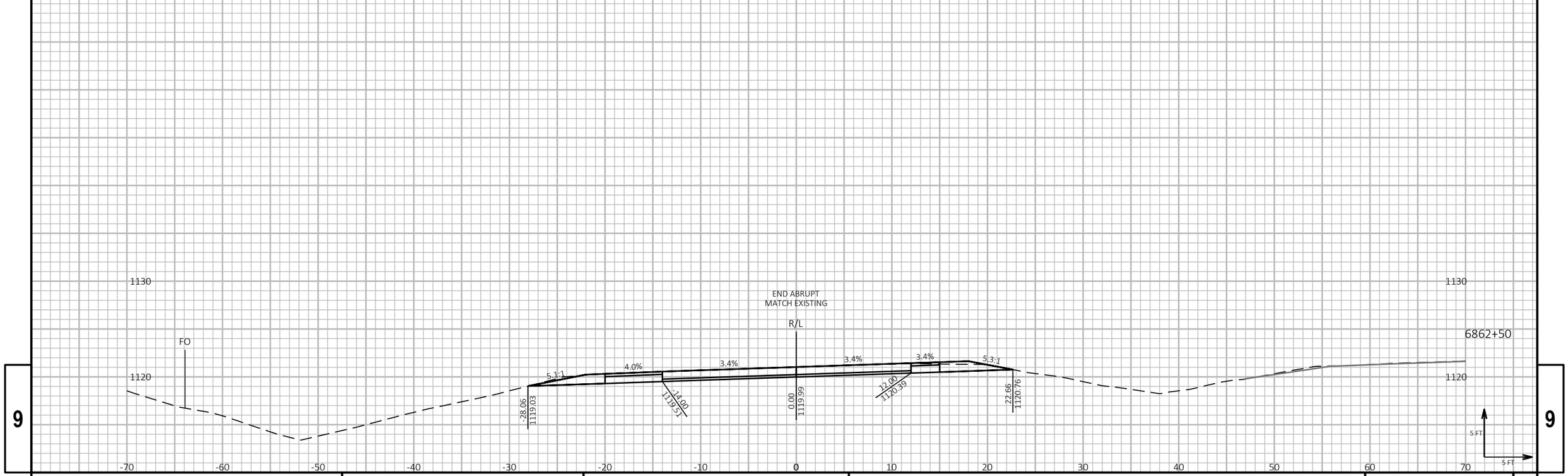
9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB - STAGE 4&5	SHEET 1159 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090237-XS-S4.DWG
LAYOUT NAME - 35

PLOT DATE : 2/28/2022 5:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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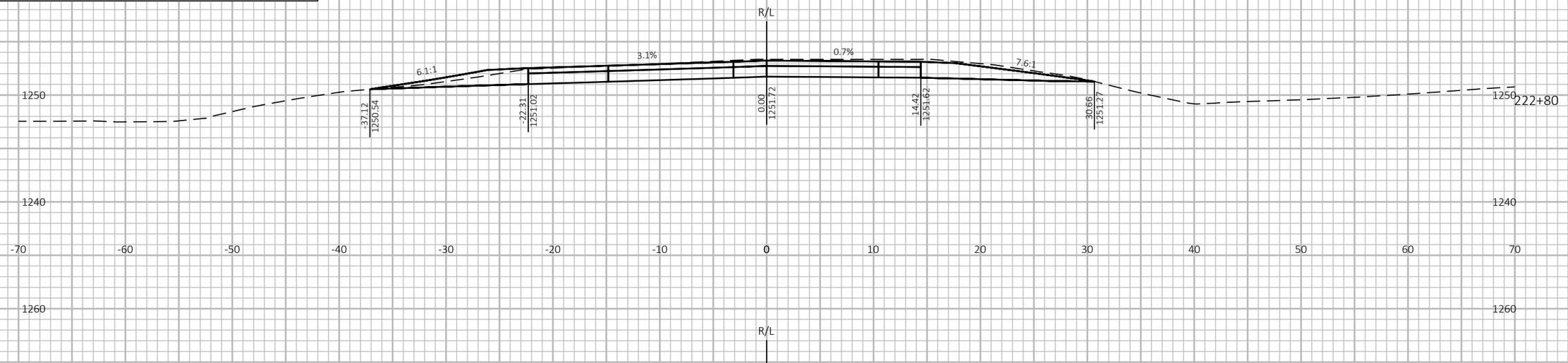
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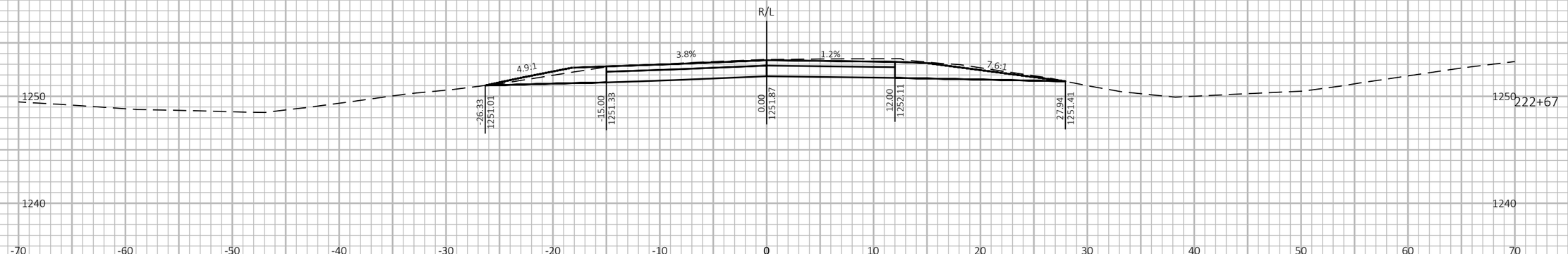
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LAYOUT NAME - 36

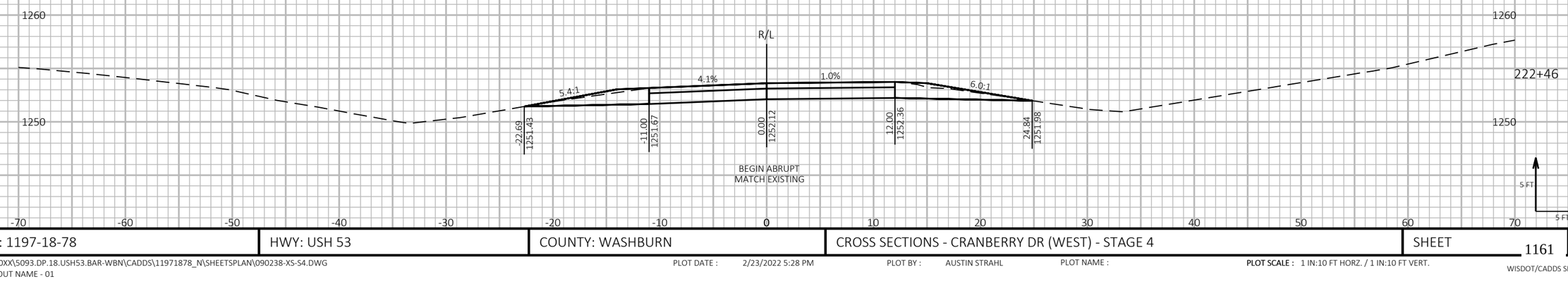
PLOT DATE : 2/28/2022 5:14 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - CRANBERRY DR (WEST) - STAGE 4	SHEET 1161	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090238-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 2/23/2022 5:28 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

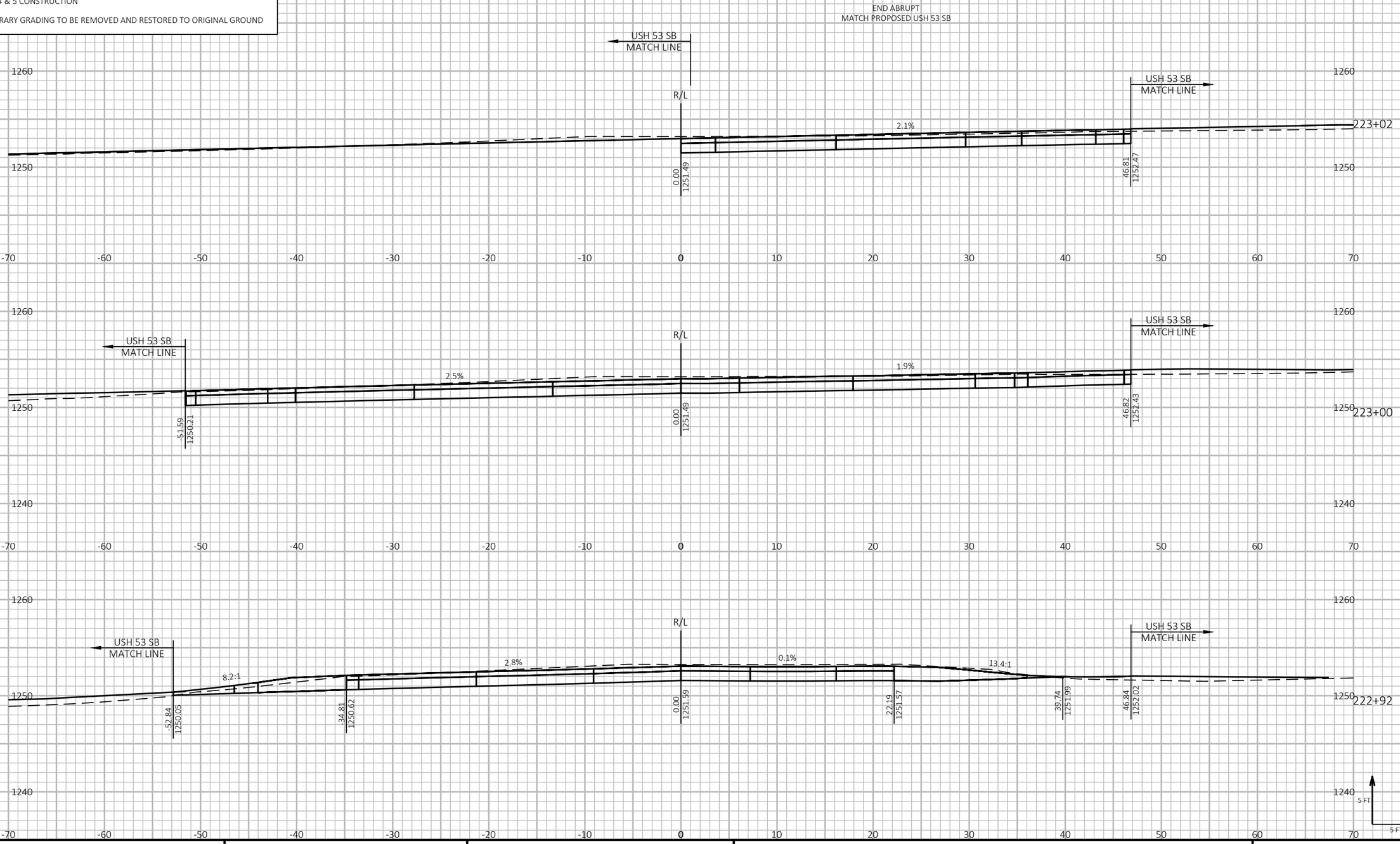
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - CRANBERRY DR (WEST) - STAGE 4	SHEET 1162	E

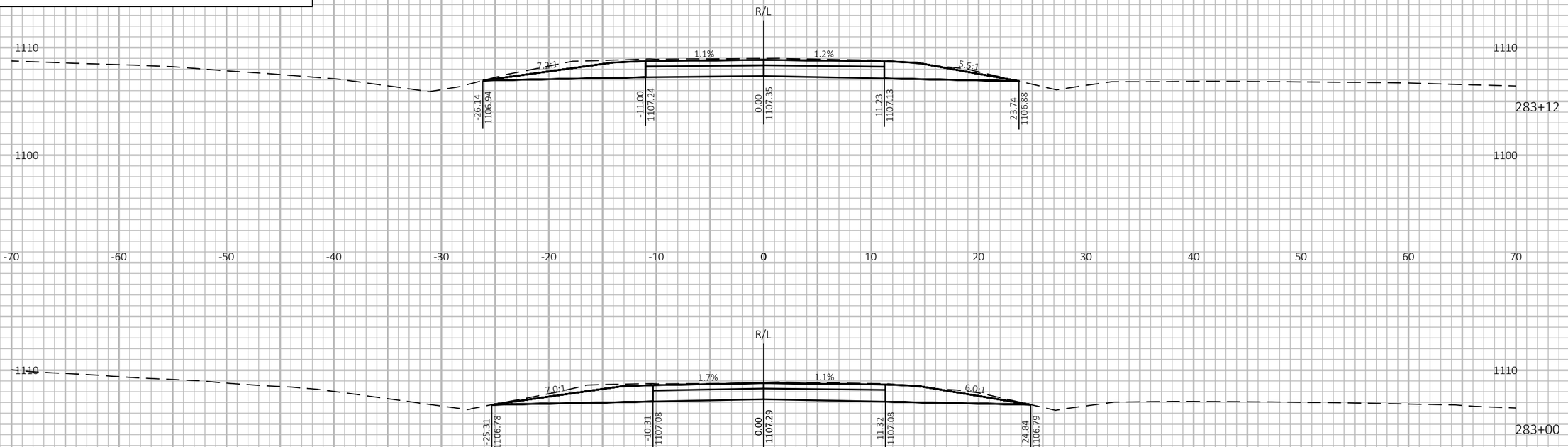
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LAYOUT NAME - 02

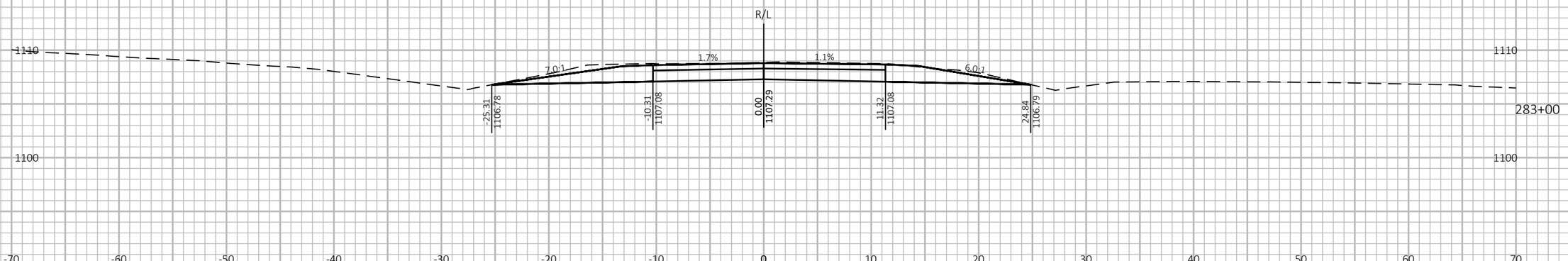
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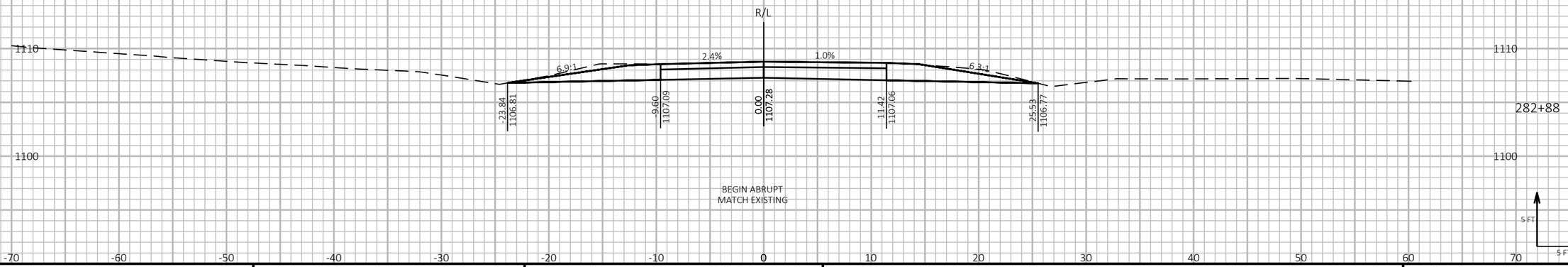
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - OJIBWA RD - STAGE 4	SHEET 1163	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090239-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 2/23/2022 6:39 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

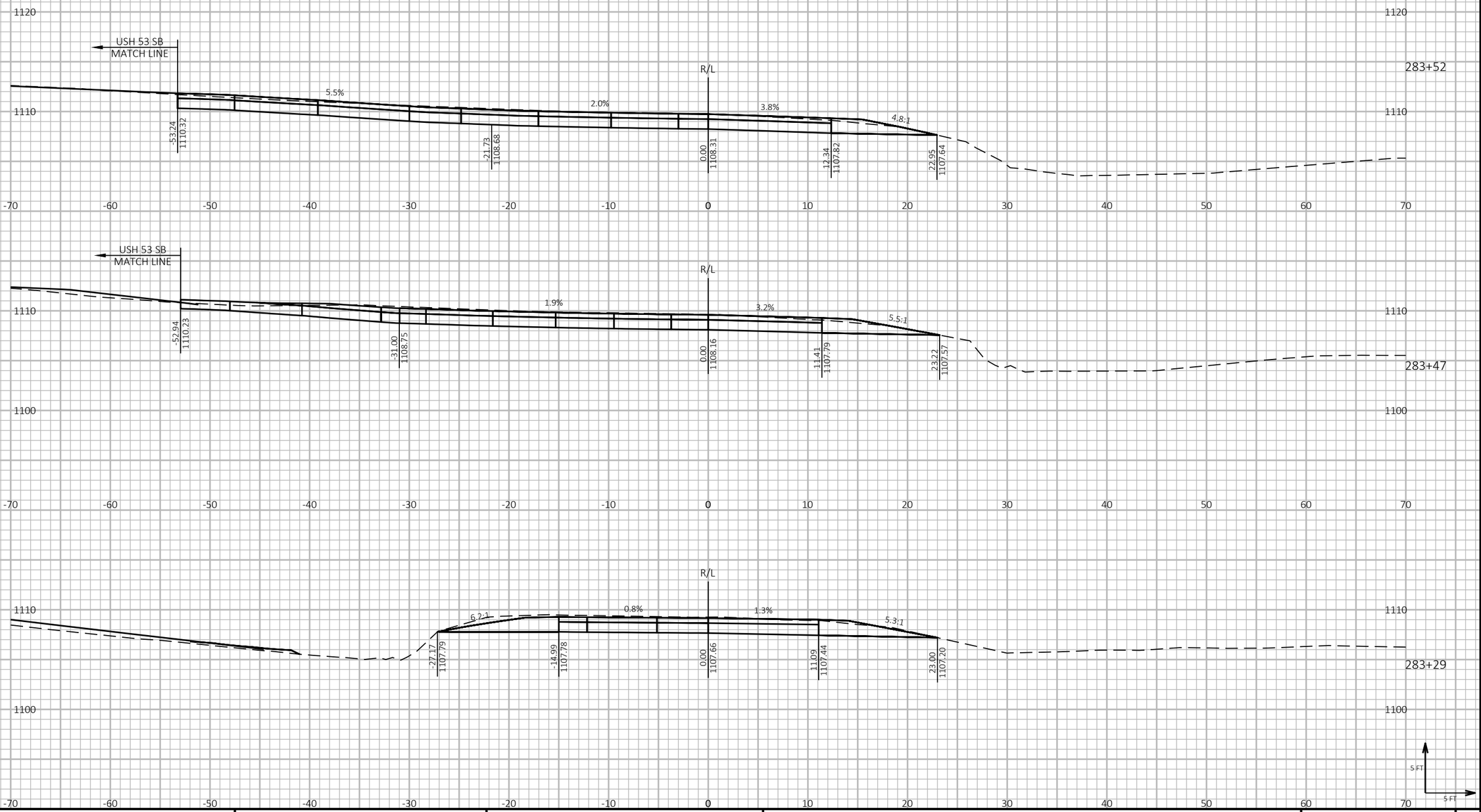
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - OJIBWA RD - STAGE 4	SHEET 1164	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090239-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 2/23/2022 6:40 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

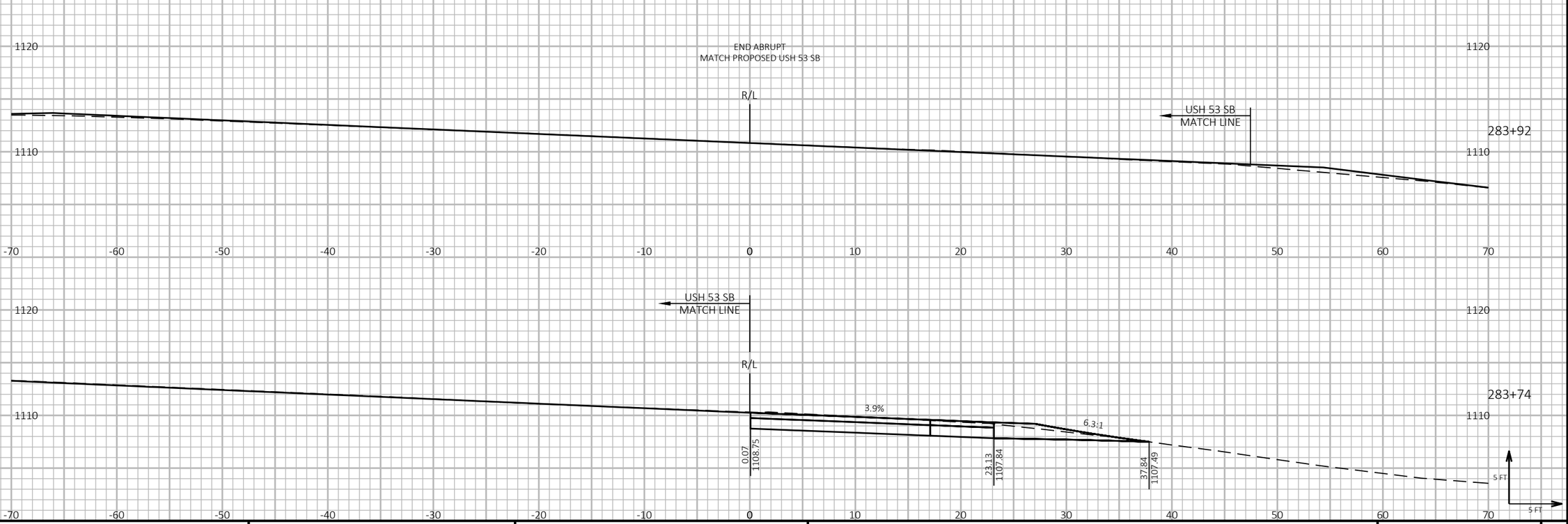
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - OJIBWA RD - STAGE 4	SHEET 1165	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090239-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/23/2022 6:40 PM

PLOT BY : AUSTIN STRAHL

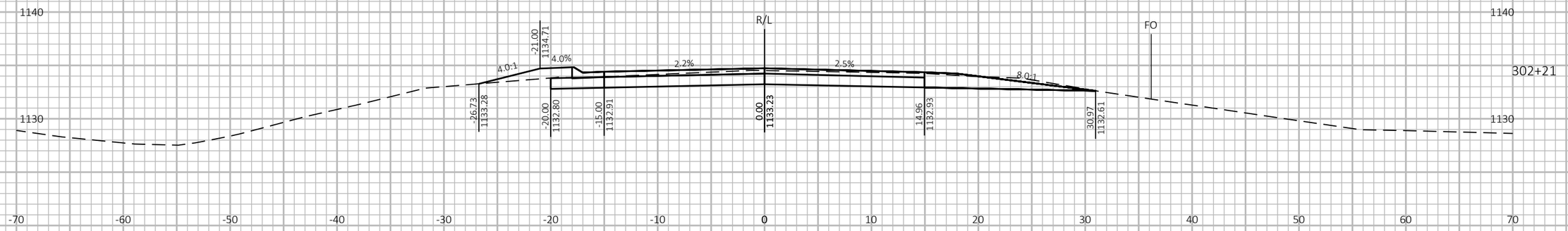
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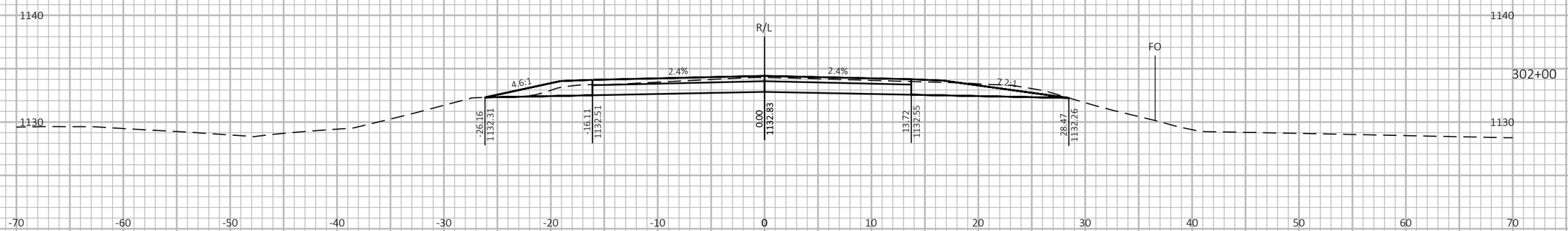
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - CTH H - STAGE 4	SHEET 1166	E

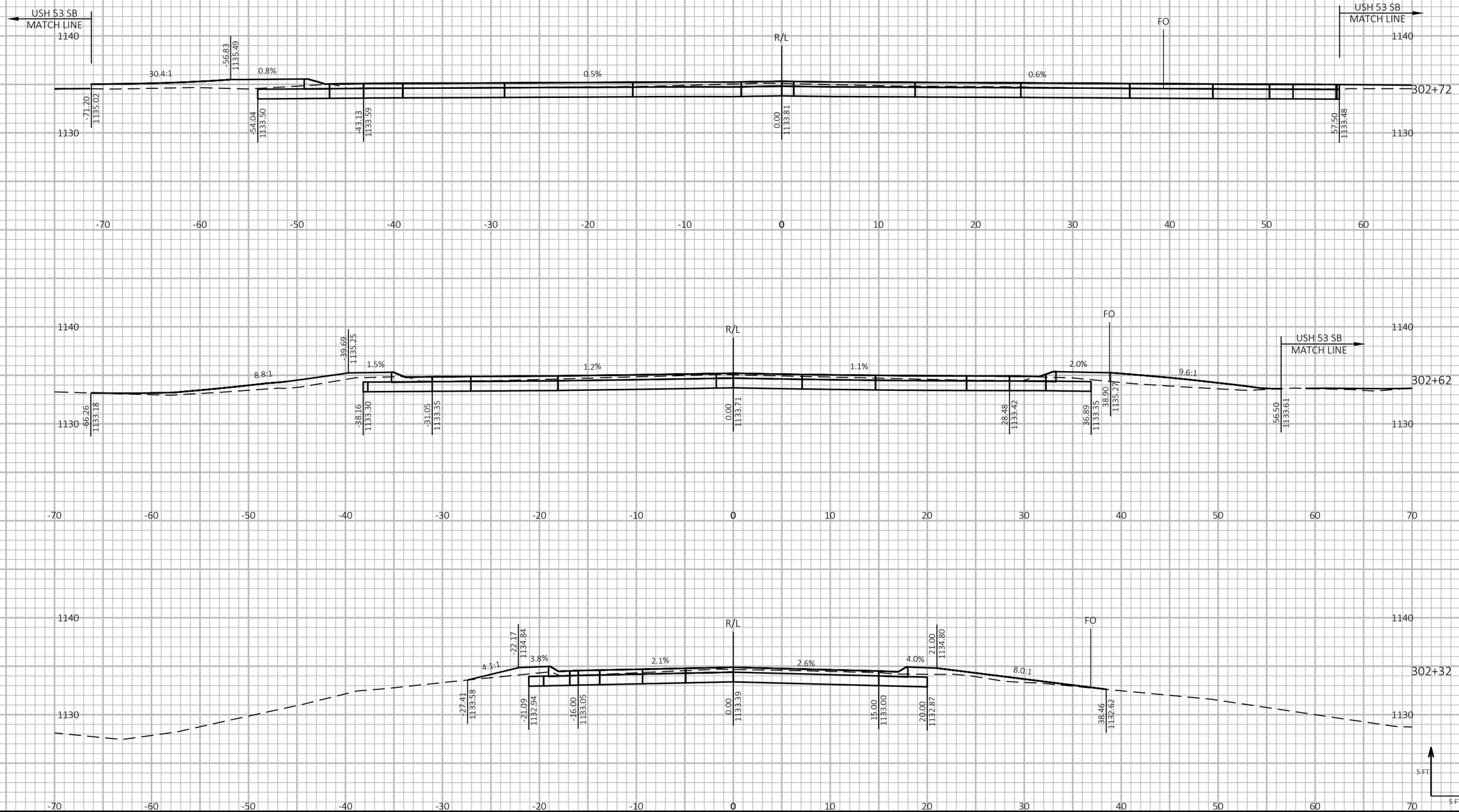
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LAYOUT NAME - 01

PLOT DATE : 2/23/2022 6:43 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - CTH H - STAGE 4	SHEET 1167	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090240-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 2/23/2022 6:43 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

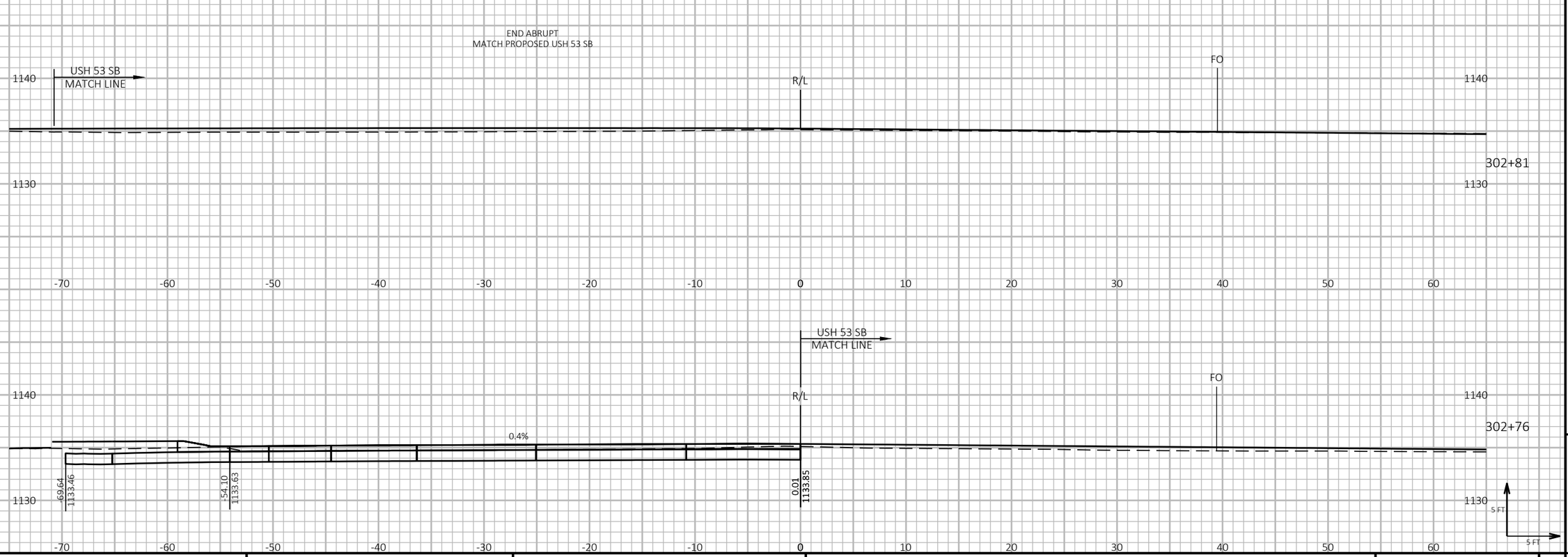
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - CTH H - STAGE 4	SHEET 1168	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090240-XS-S4.DWG
LAYOUT NAME - 03

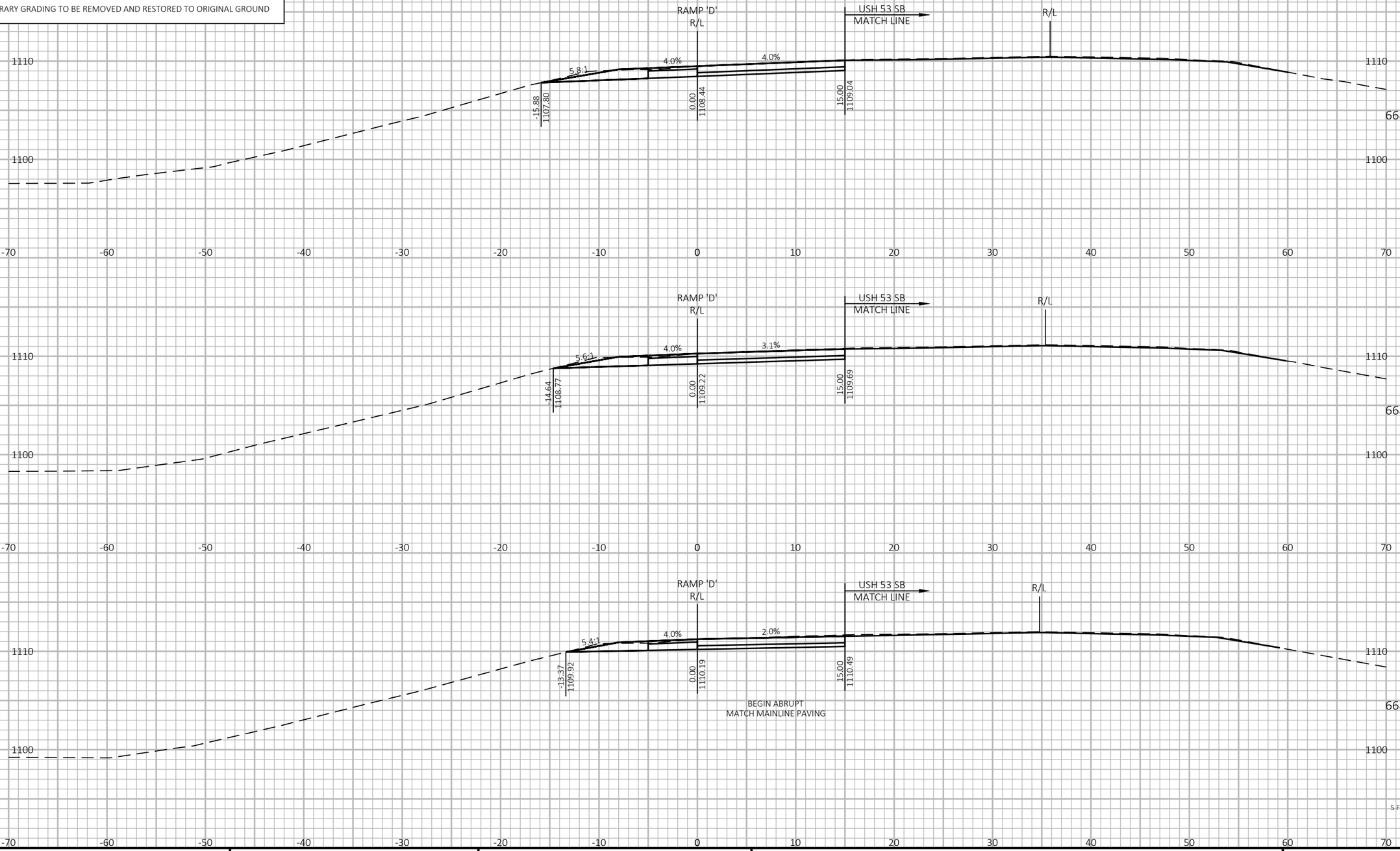
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PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 ENTRANCE - STAGE 4	SHEET 1169	E

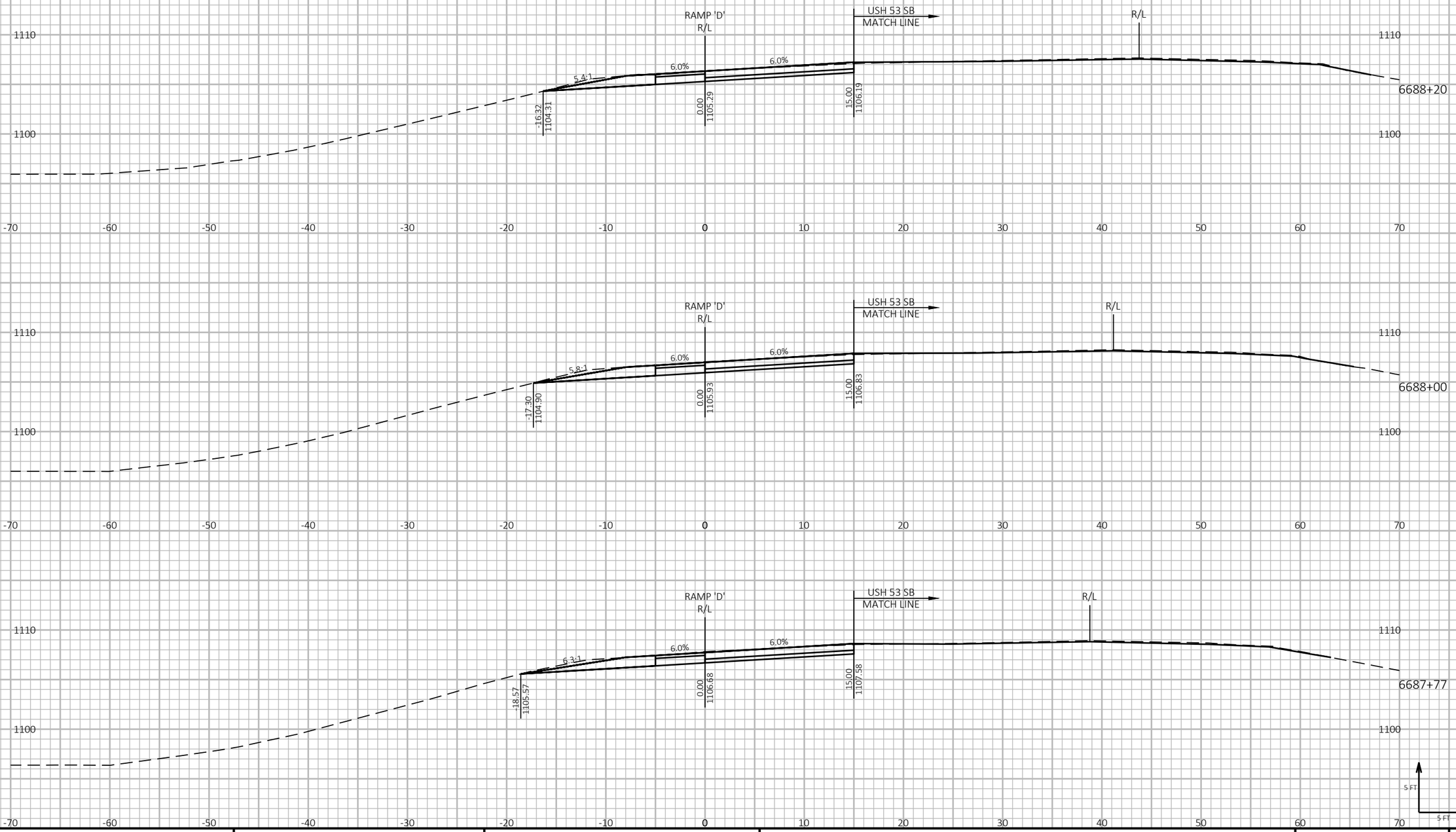
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LAYOUT NAME - 01

PLOT DATE : 2/28/2022 11:24 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 ENTRANCE - STAGE 4	SHEET 1170	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090241-XS-S4.DWG
LAYOUT NAME - 02

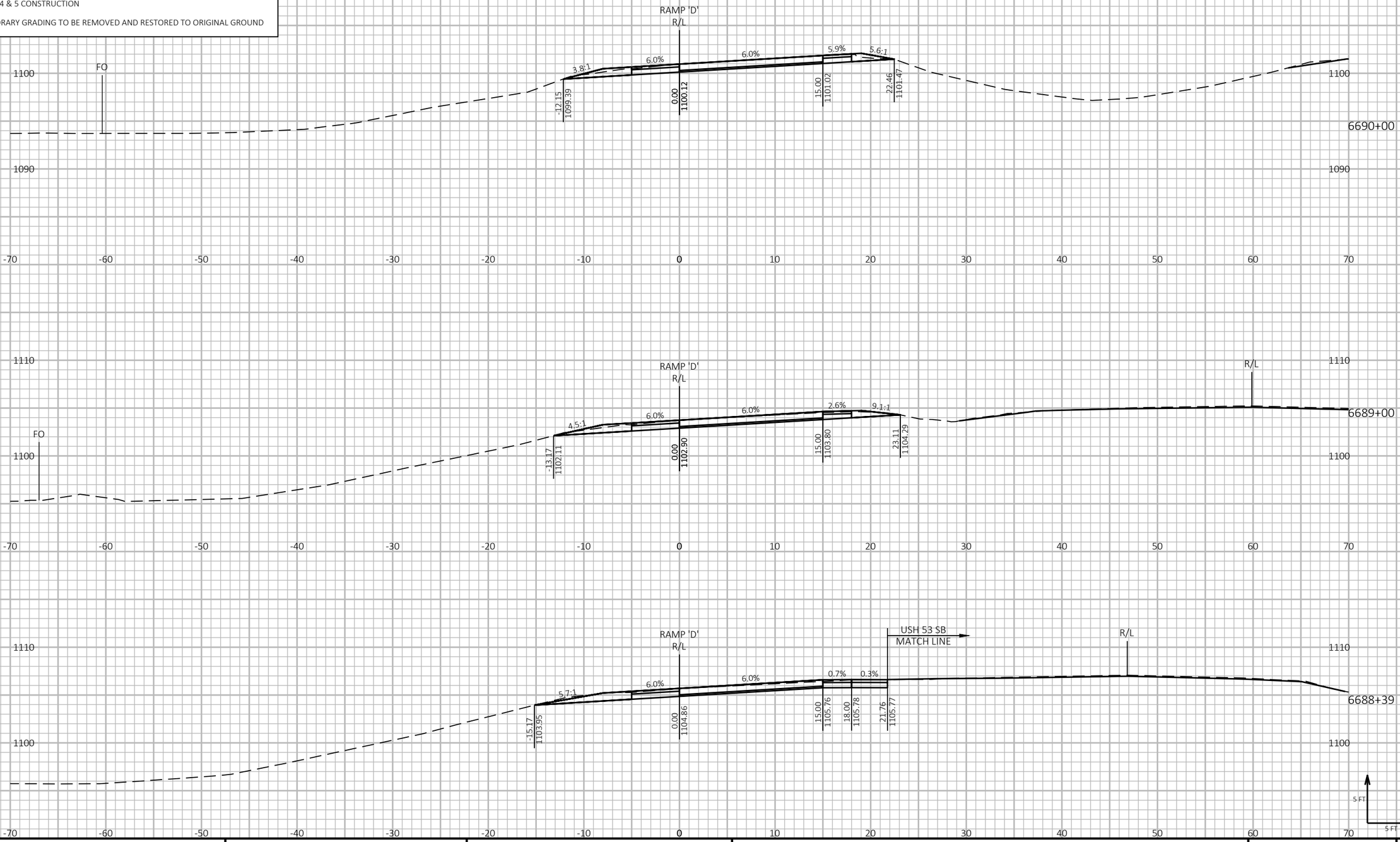
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PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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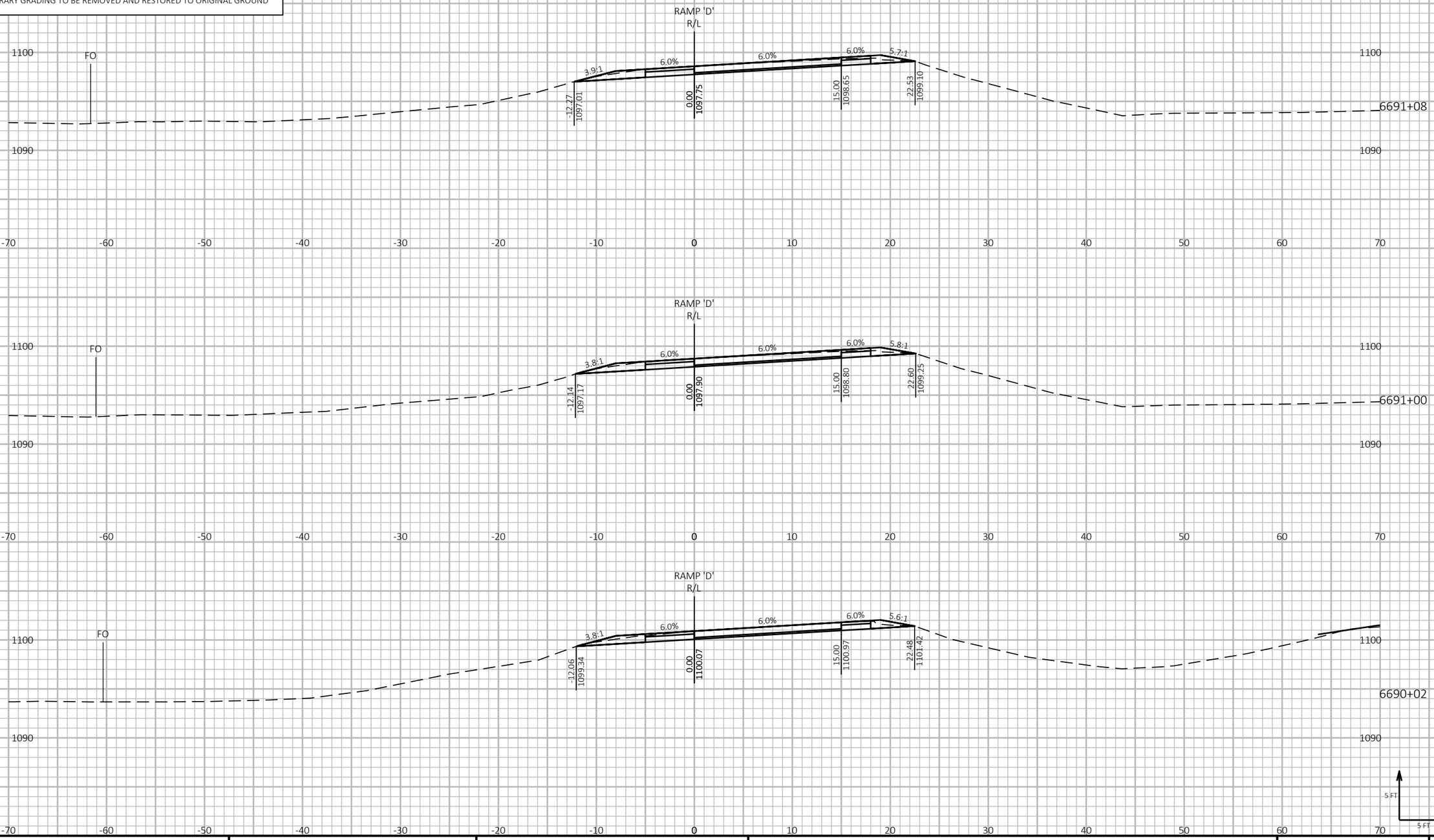
PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 ENTRANCE - STAGE 4	SHEET 1171	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090241-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/28/2022 11:24 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 ENTRANCE - STAGE 4	SHEET 1172	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090241-XS-S4.DWG
LAYOUT NAME - 04

PLOT DATE : 2/28/2022 11:25 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

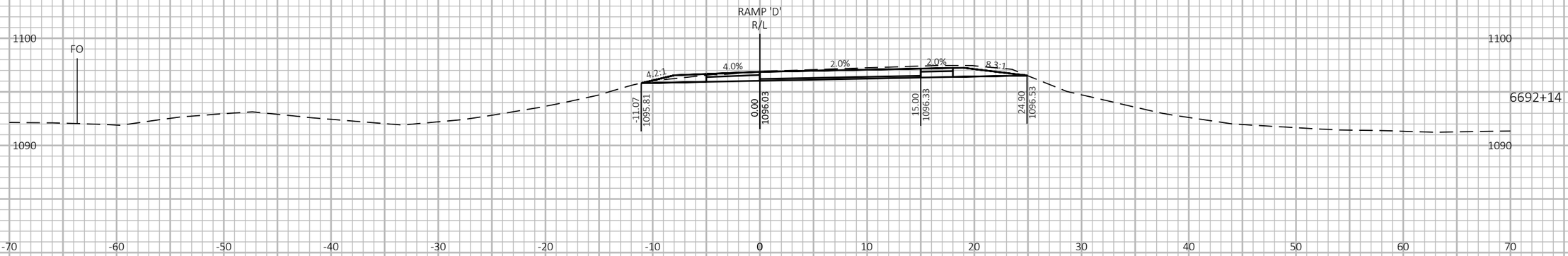
EXISTING GROUND

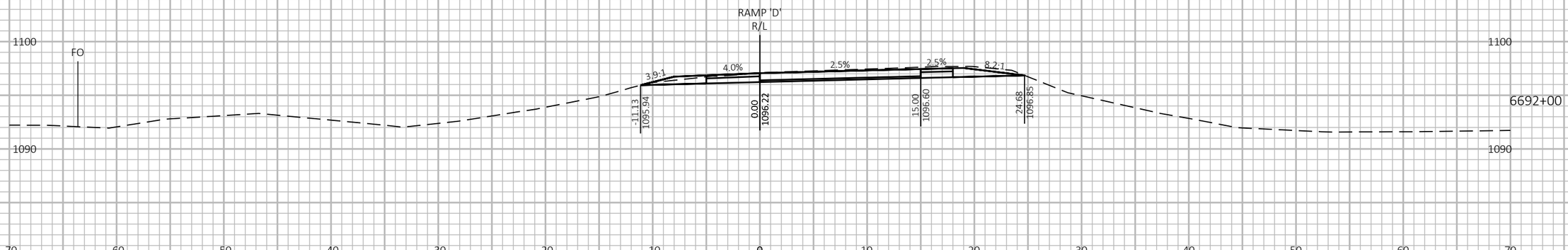
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

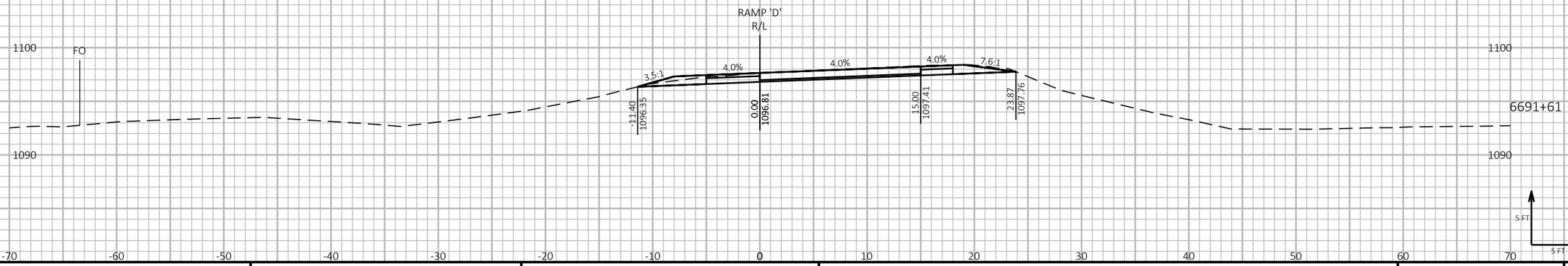
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 ENTRANCE - STAGE 4	SHEET 1173	E

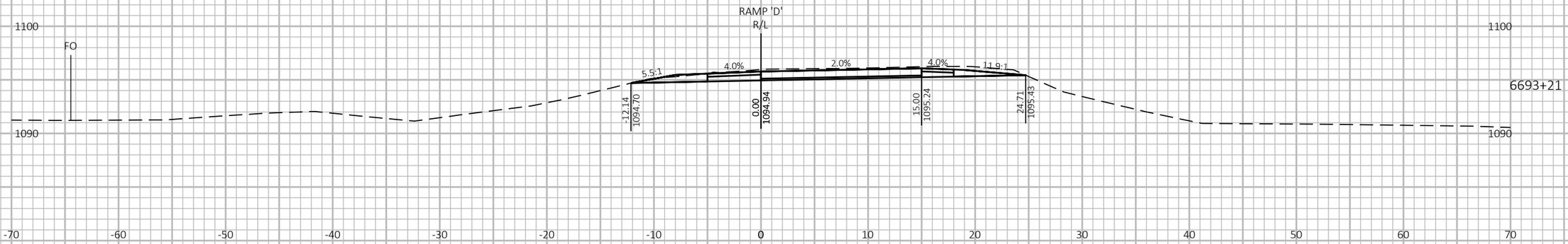
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LAYOUT NAME - 05

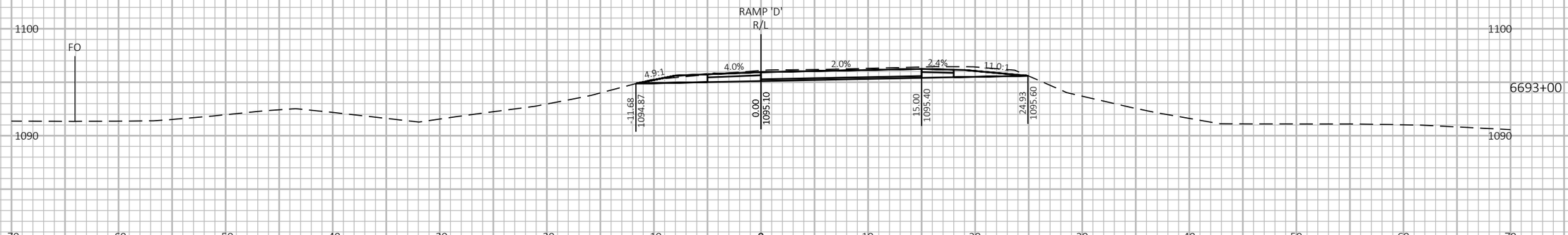
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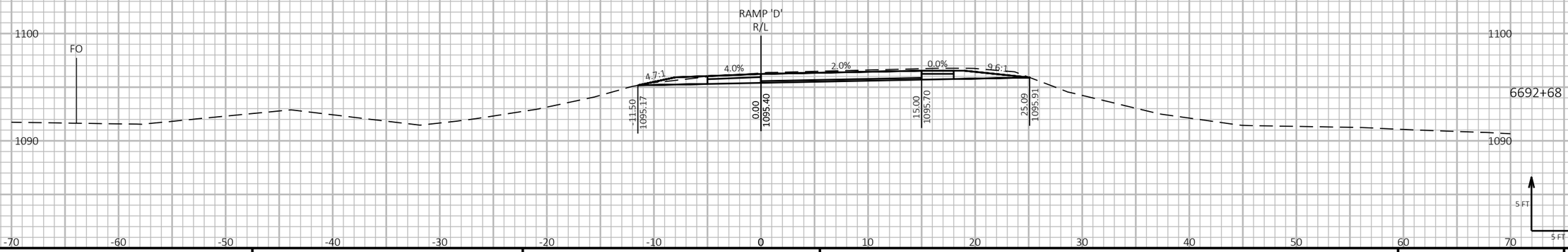
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 ENTRANCE - STAGE 4	SHEET 1174 E

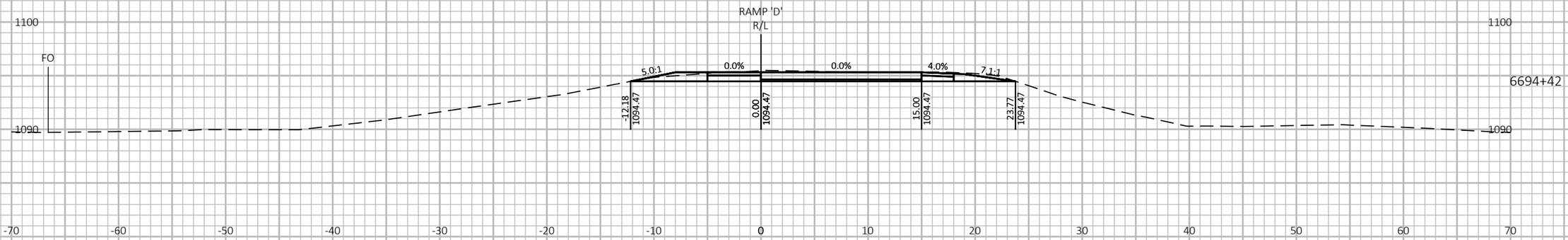
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LAYOUT NAME - 06

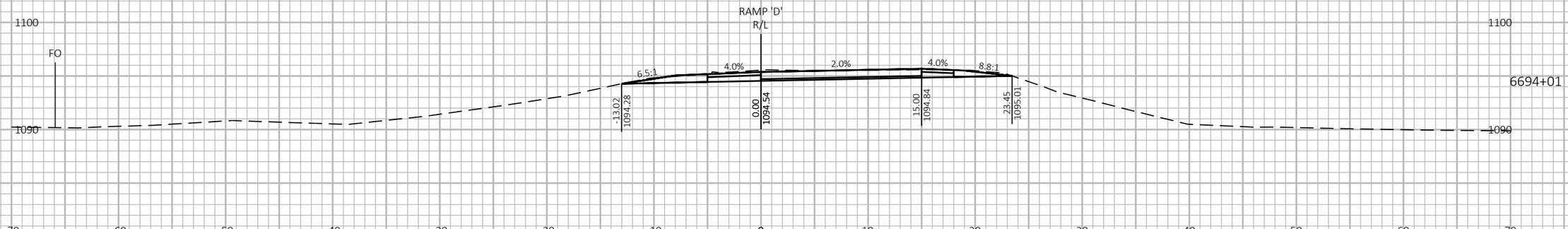
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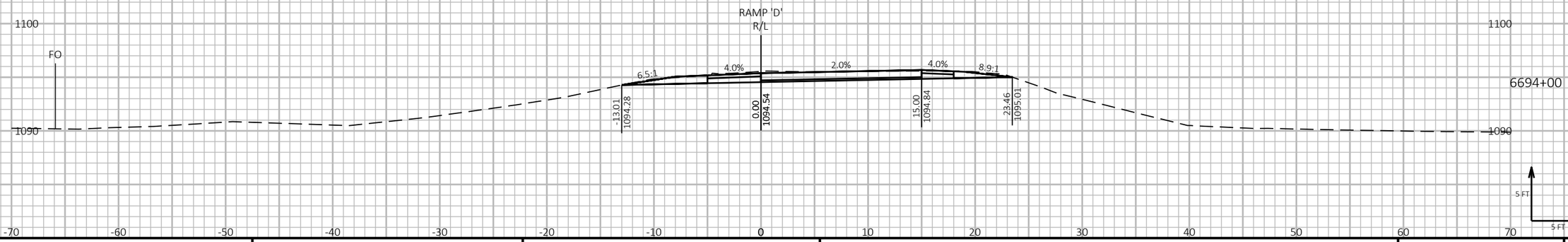
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 ENTRANCE - STAGE 4	SHEET 1175	E

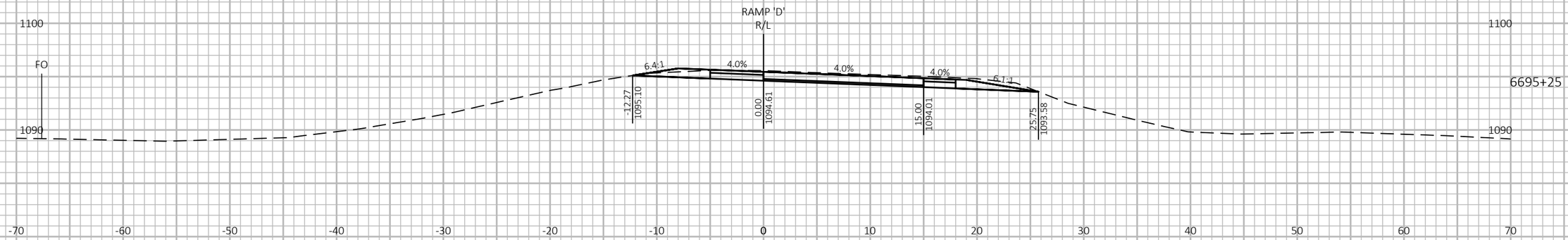
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LAYOUT NAME - 07

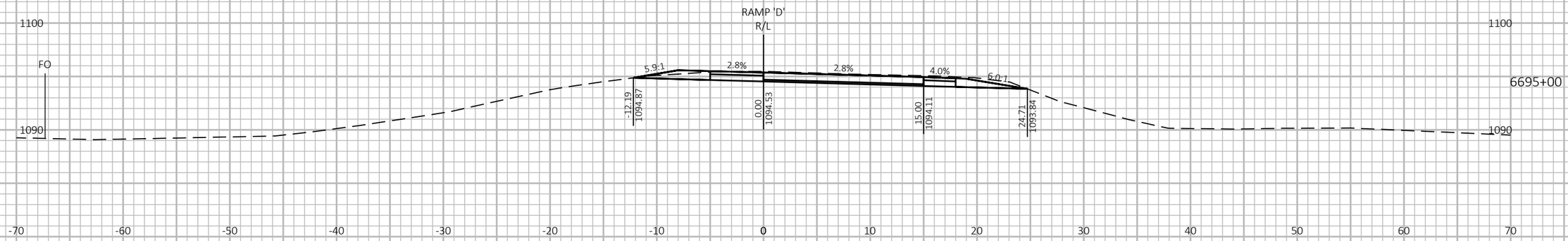
PLOT DATE : 2/28/2022 11:26 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

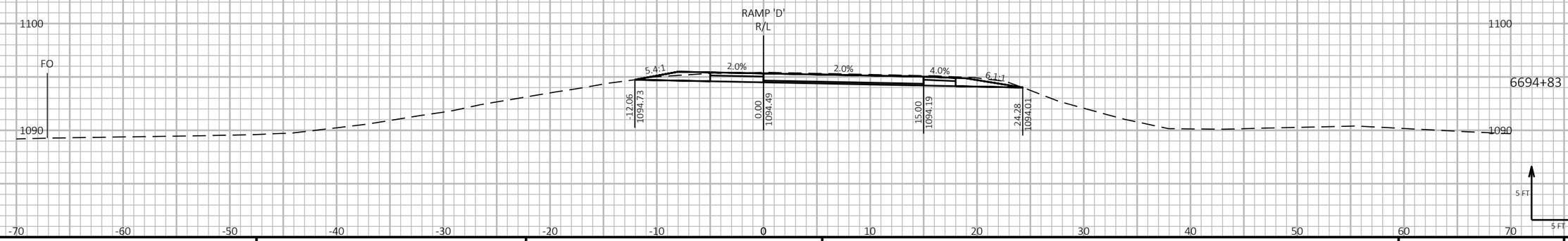
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 ENTRANCE - STAGE 4	SHEET 1176 E

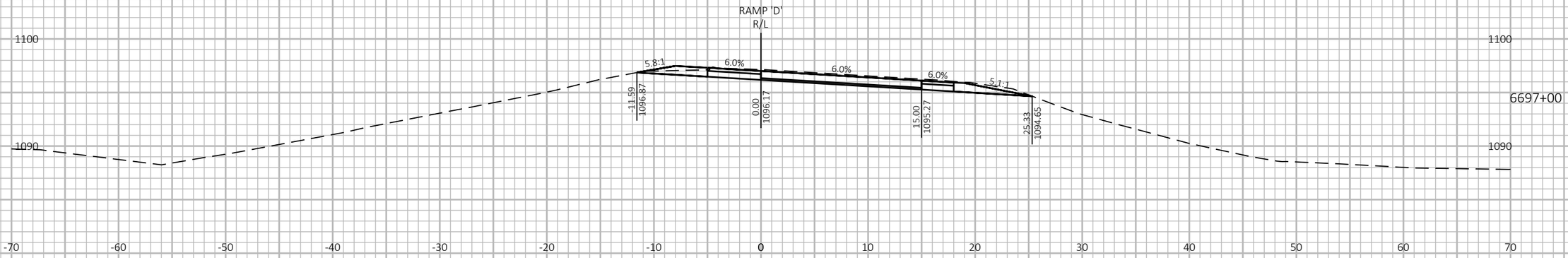
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LAYOUT NAME - 08

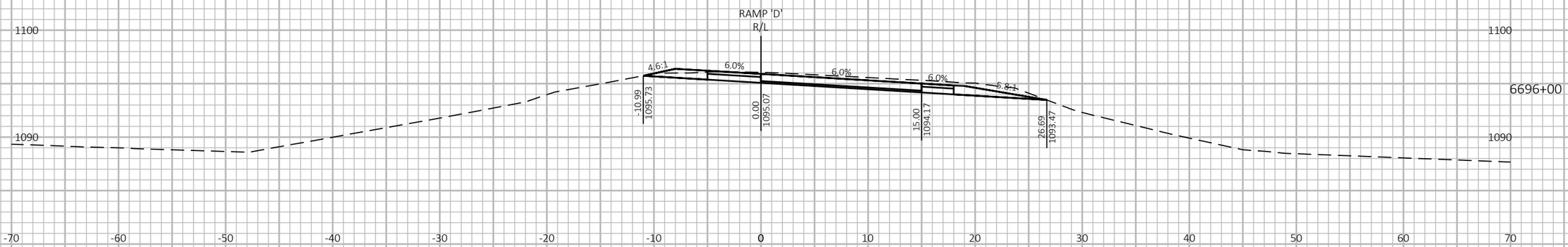
PLOT DATE : 2/28/2022 11:26 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

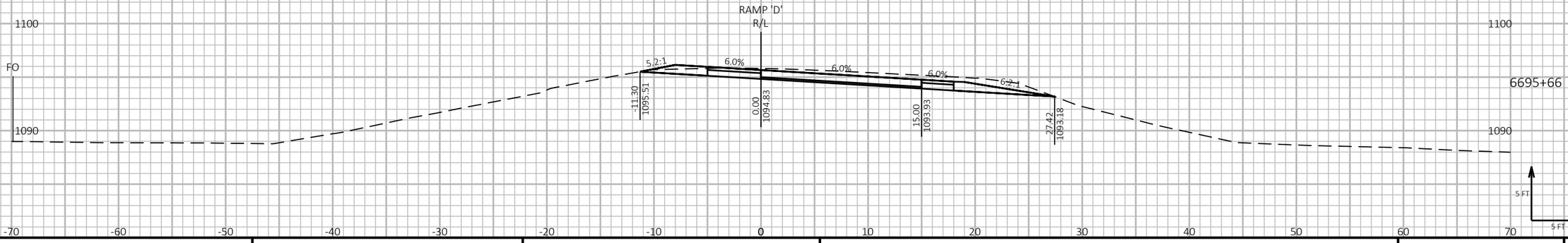
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 ENTRANCE - STAGE 4	SHEET 1177 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090241-XS-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 2/28/2022 11:26 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

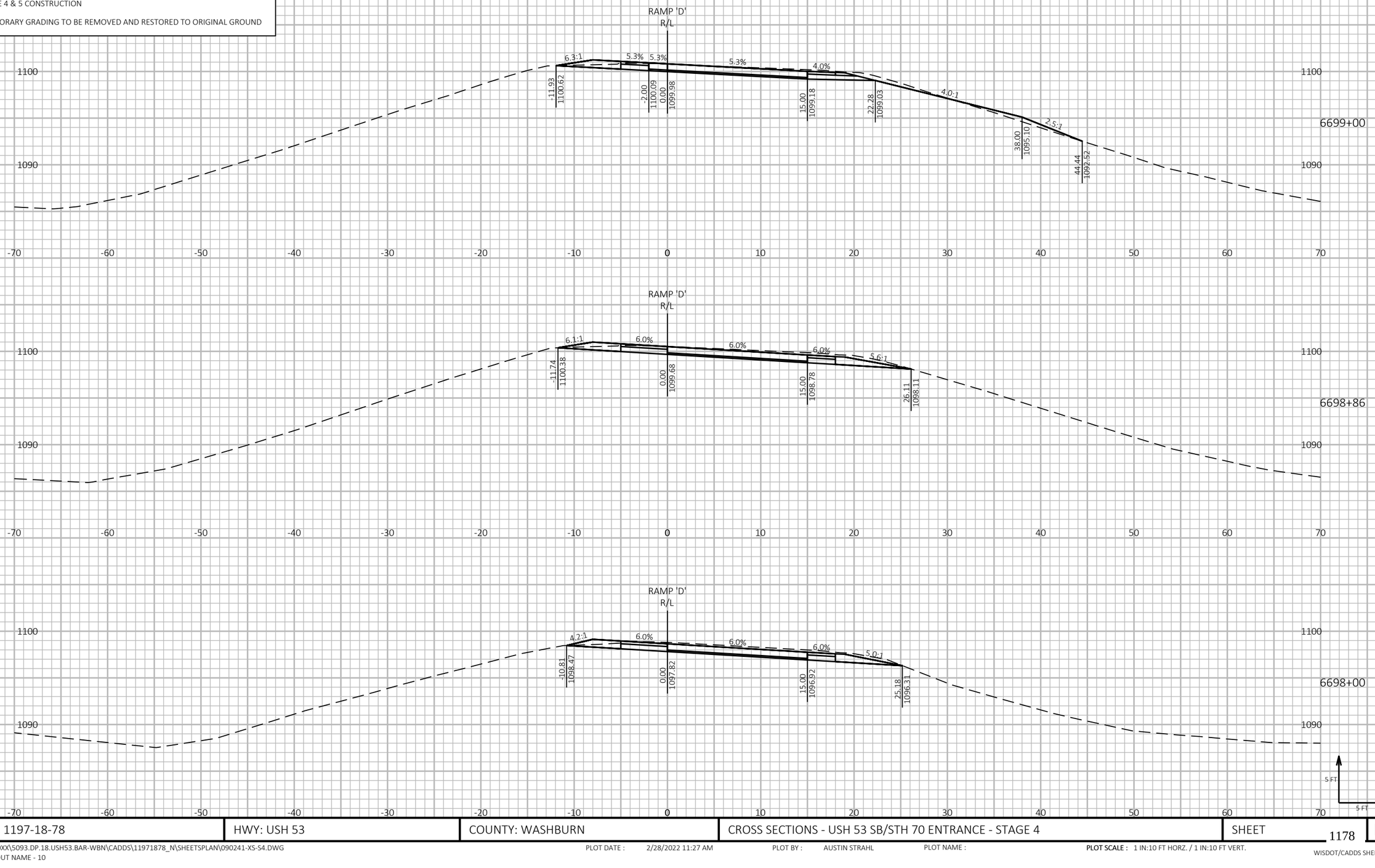
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 ENTRANCE - STAGE 4	SHEET 1178 E

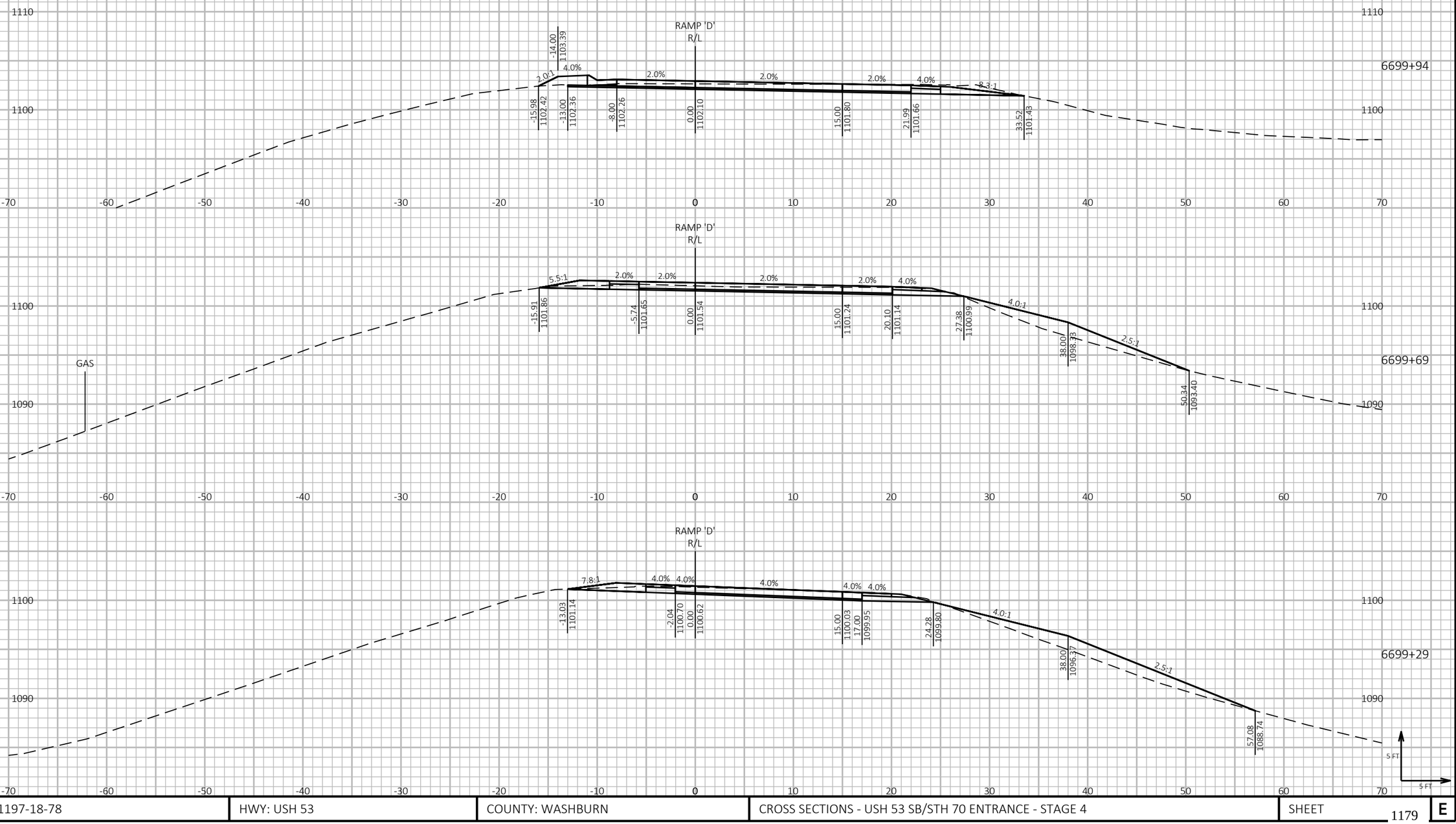
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090241-XS-S4.DWG
LAYOUT NAME - 10

PLOT DATE : 2/28/2022 11:27 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND

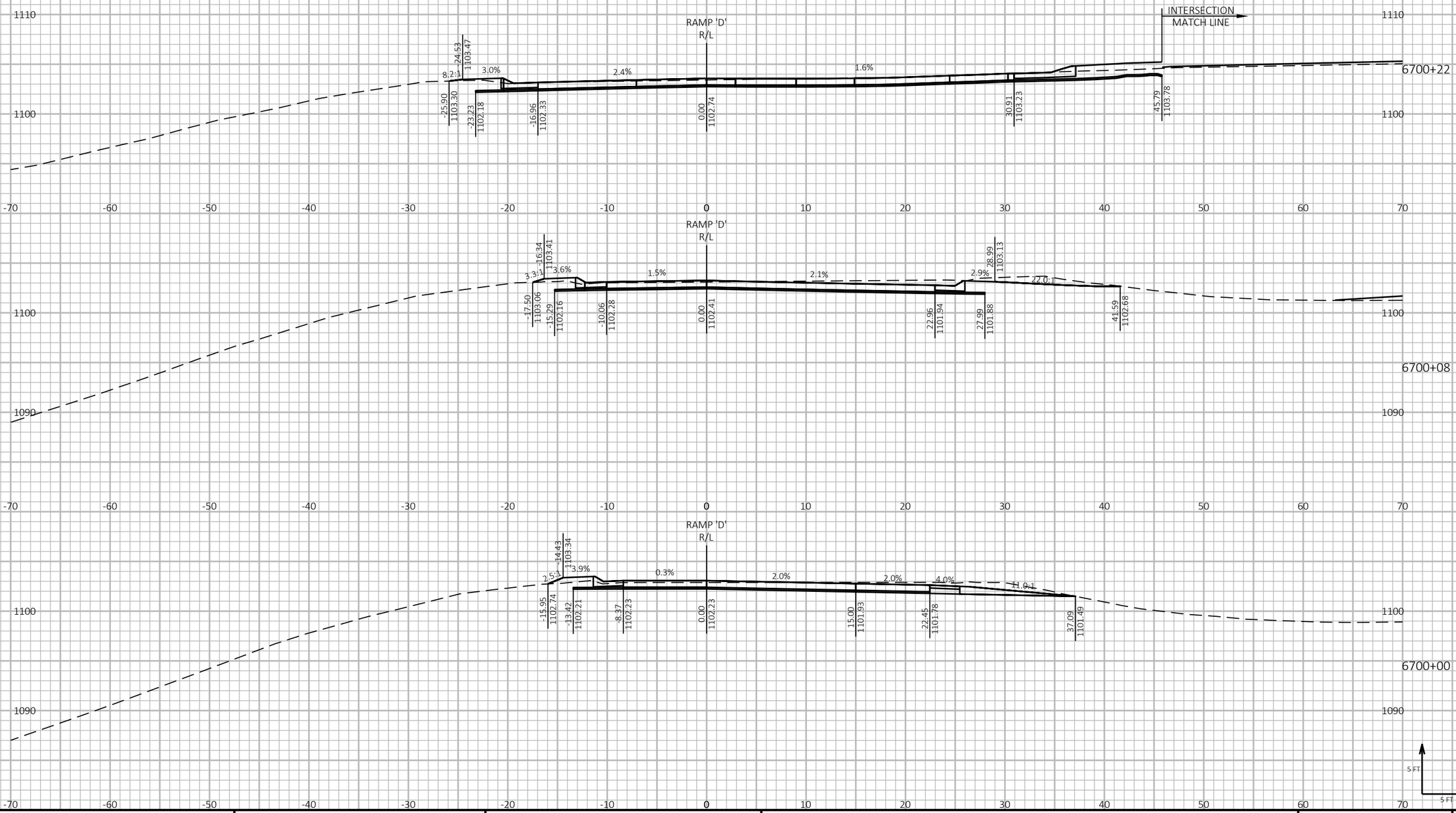


PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 ENTRANCE - STAGE 4	SHEET 1179	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090241-XS-S4.DWG
LAYOUT NAME - 11
PLOT DATE : 2/28/2022 11:27 AM
PLOT BY : AUSTIN STRAHL
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 ENTRANCE - STAGE 4	SHEET 1180	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090241-XS-S4.DWG
LAYOUT NAME - 12

PLOT DATE : 2/28/2022 11:28 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

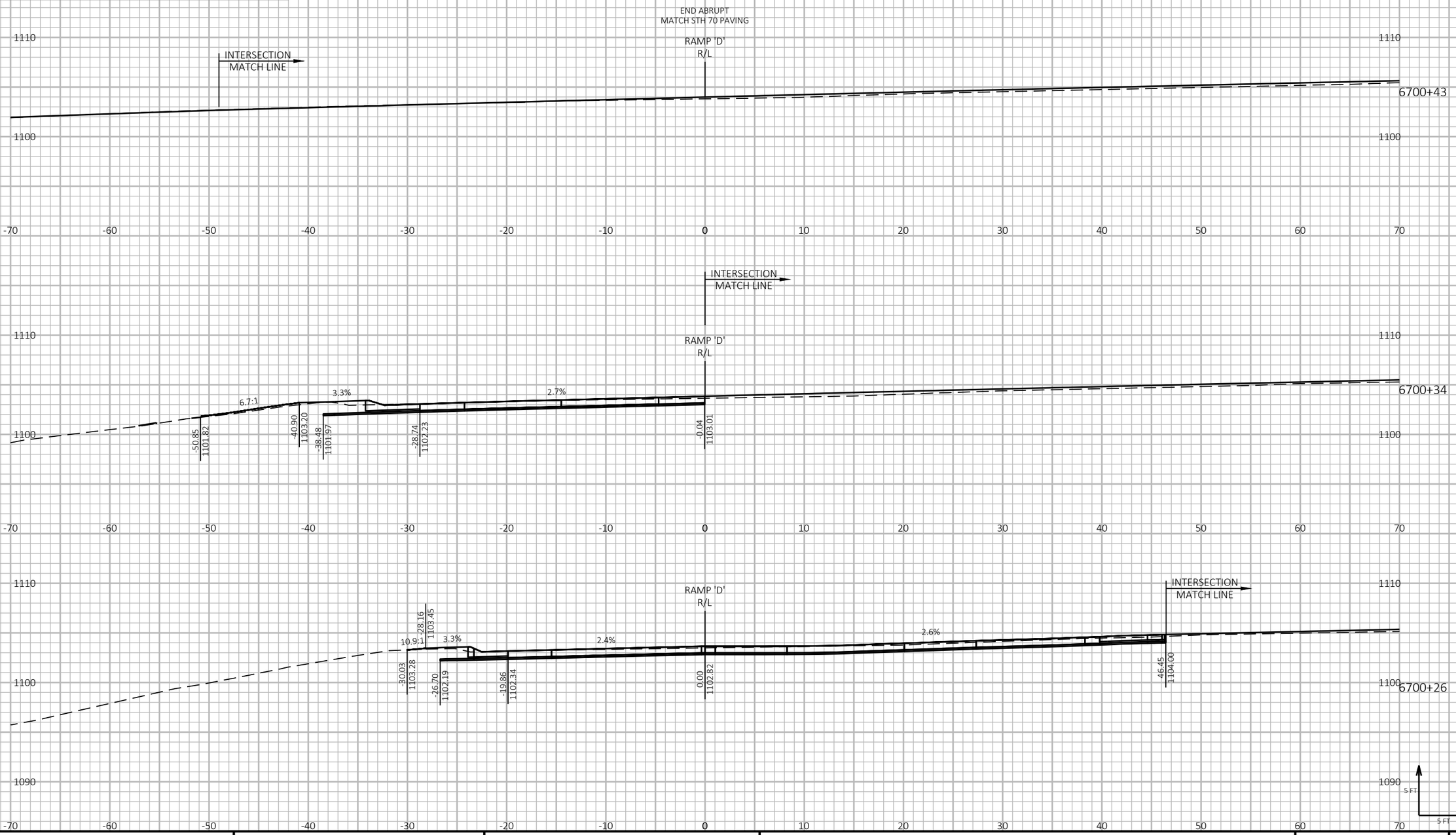
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 ENTRANCE - STAGE 4	SHEET 1181	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090241-XS-S4.DWG
LAYOUT NAME - 13

PLOT DATE : 2/28/2022 11:28 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

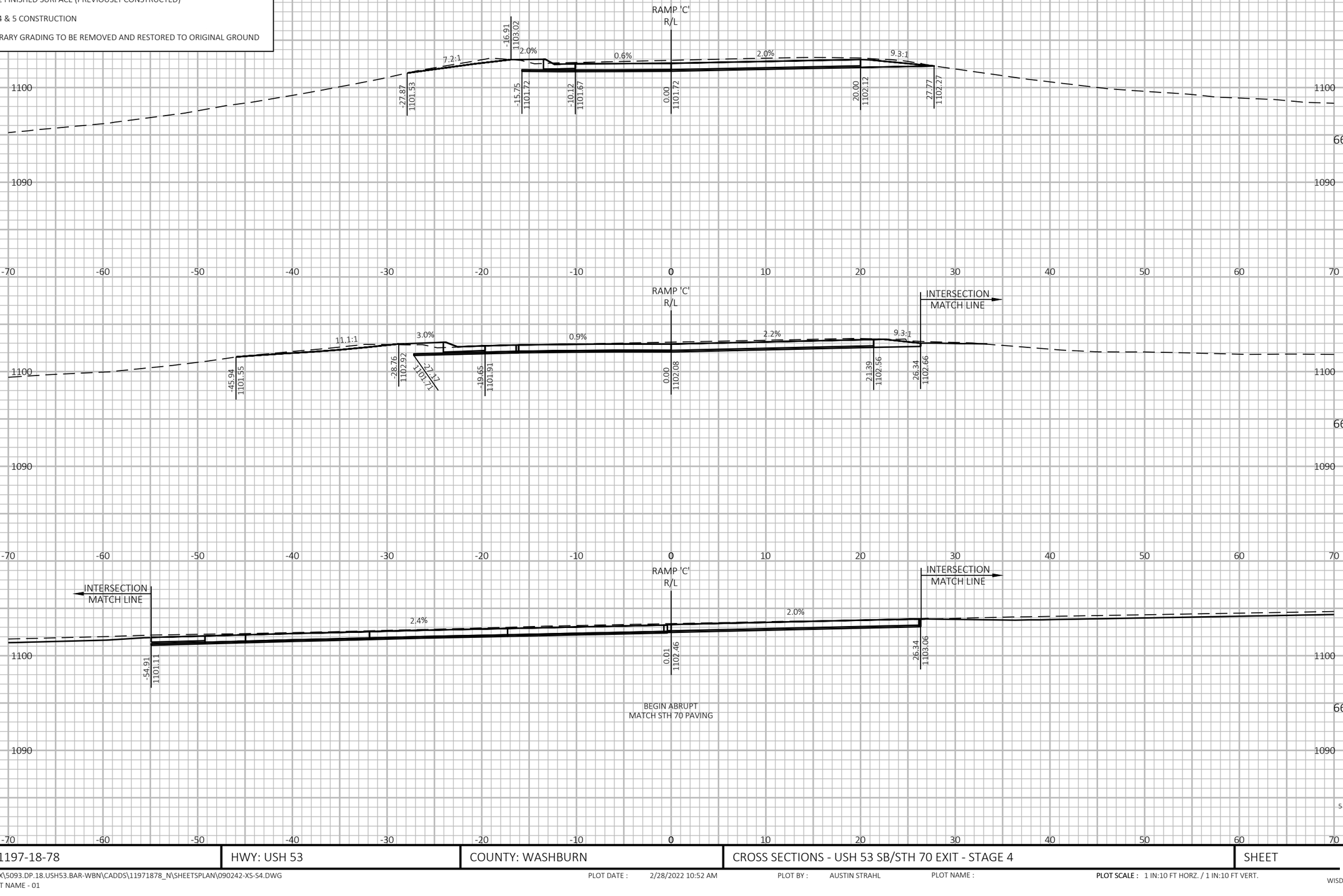
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 EXIT - STAGE 4	SHEET 1182	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090242-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 2/28/2022 10:52 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

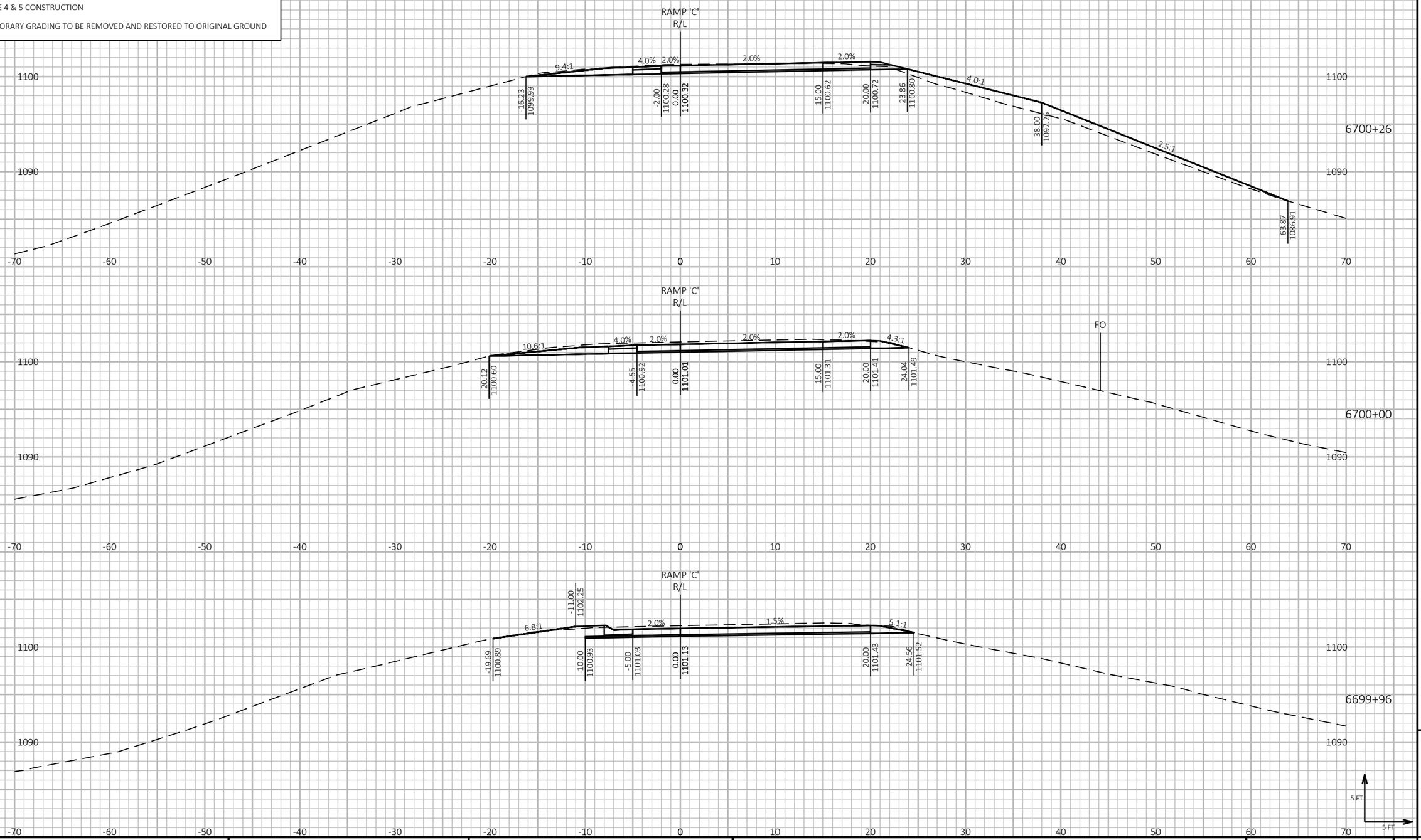
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 EXIT - STAGE 4	SHEET 1183 E

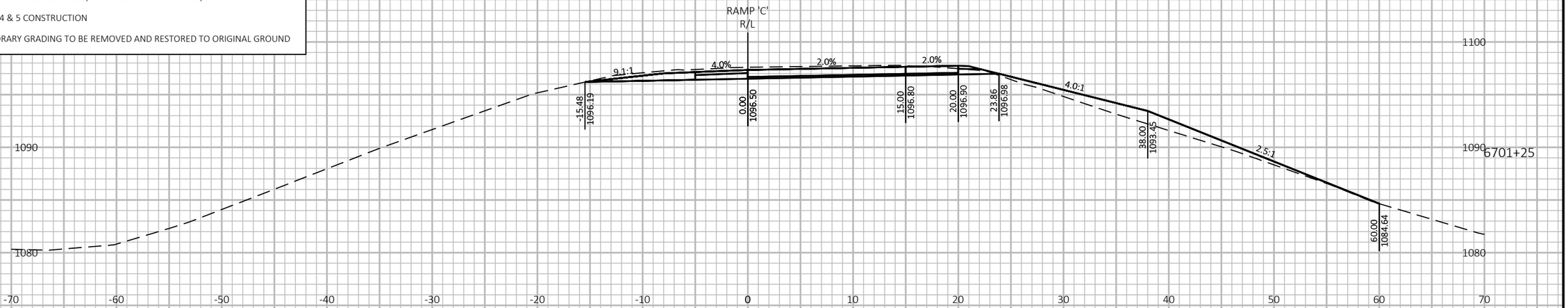
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LAYOUT NAME - 02

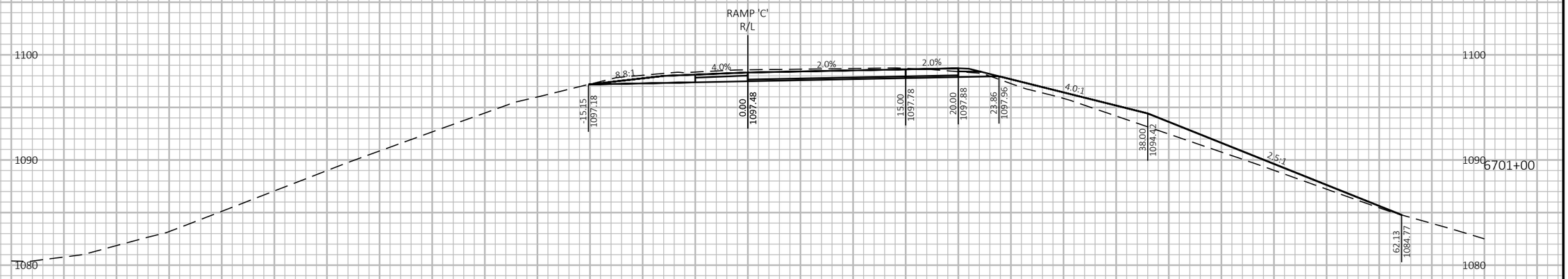
PLOT DATE : 2/28/2022 10:52 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

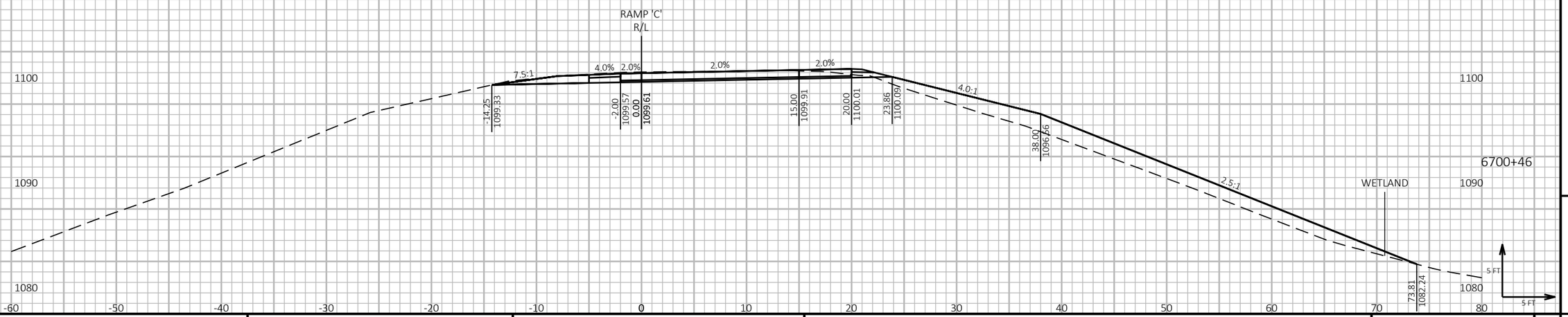
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 EXIT - STAGE 4	SHEET 1184 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090242-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/28/2022 10:52 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

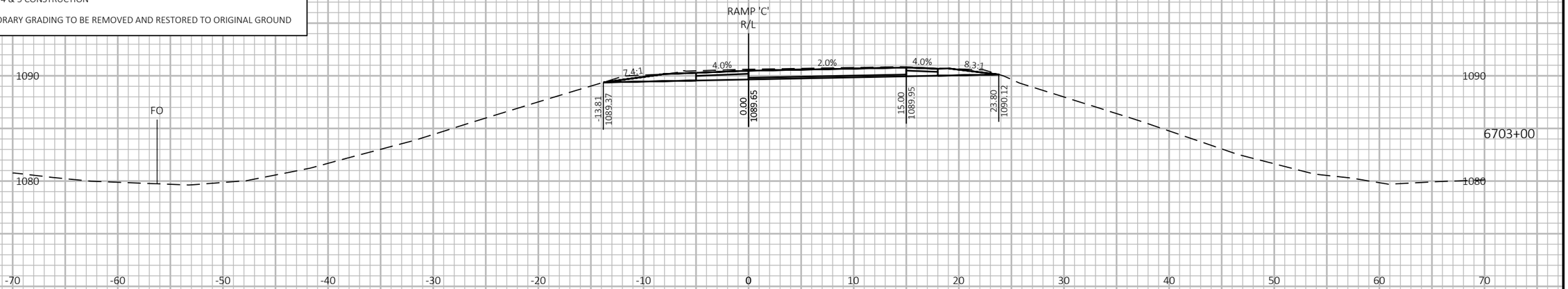
EXISTING GROUND

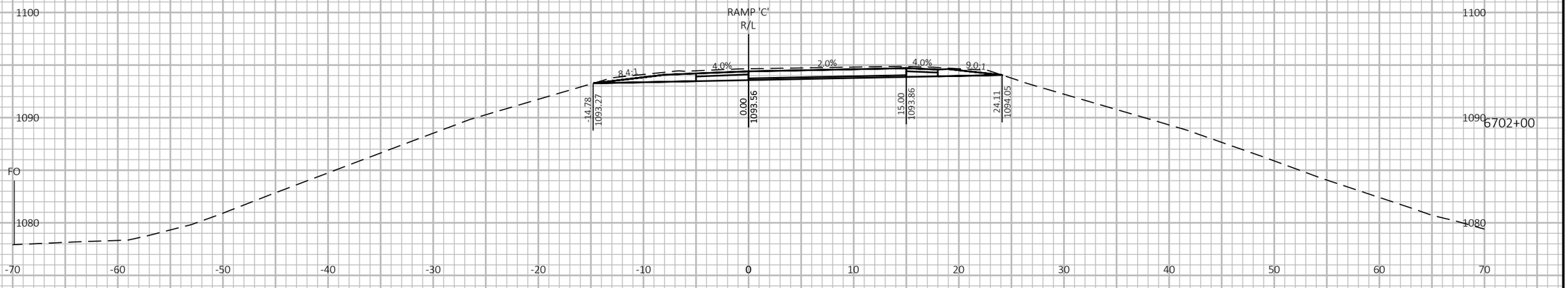
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

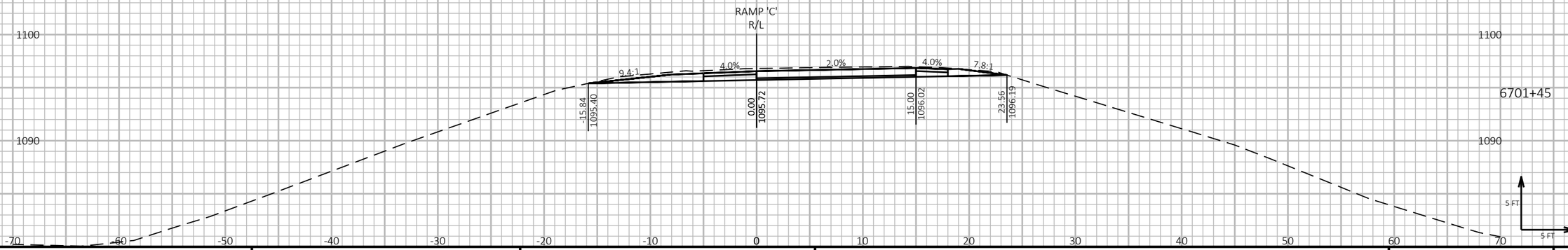
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 EXIT - STAGE 4	SHEET 1185	E

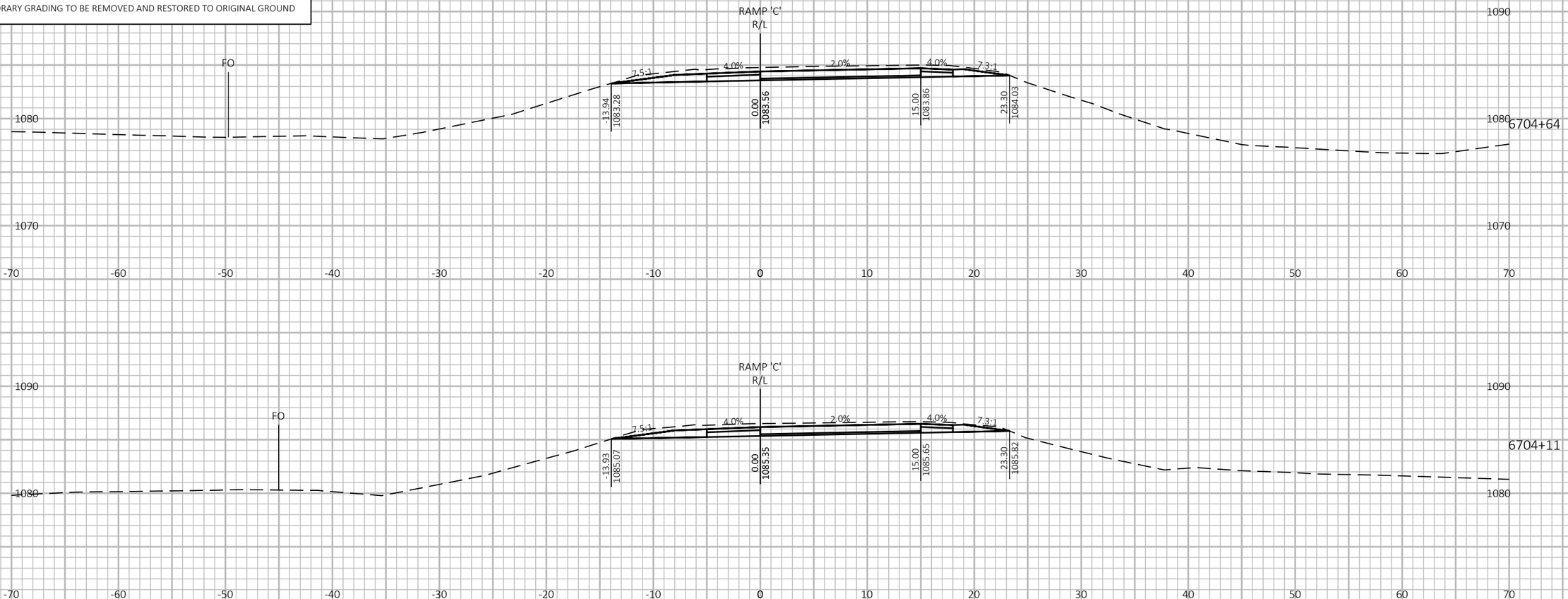
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LAYOUT NAME - 04

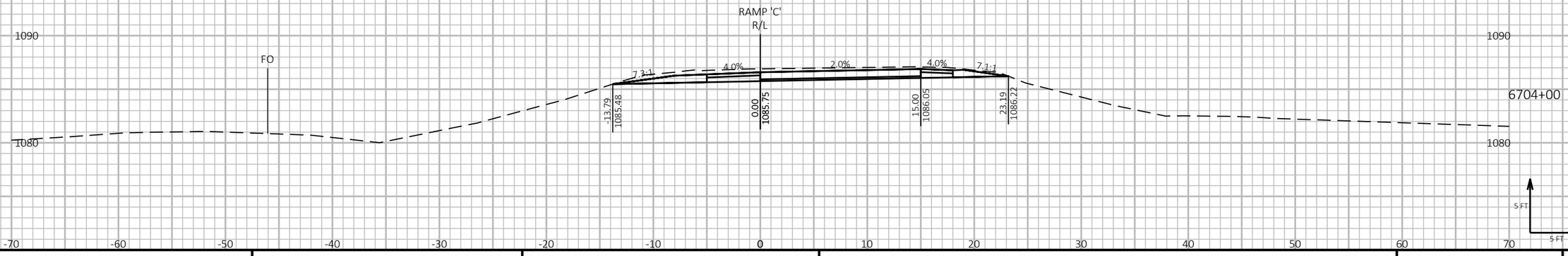
PLOT DATE : 2/28/2022 10:53 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 EXIT - STAGE 4	SHEET 1186 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090242-XS-S4.DWG
LAYOUT NAME - 05

PLOT DATE : 2/28/2022 10:53 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

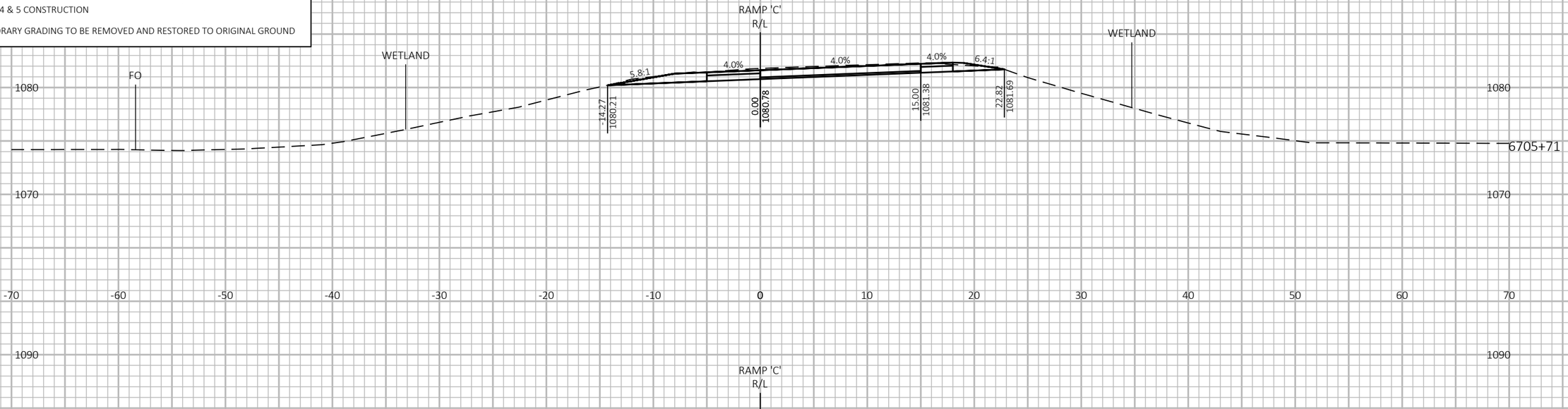
EXISTING GROUND

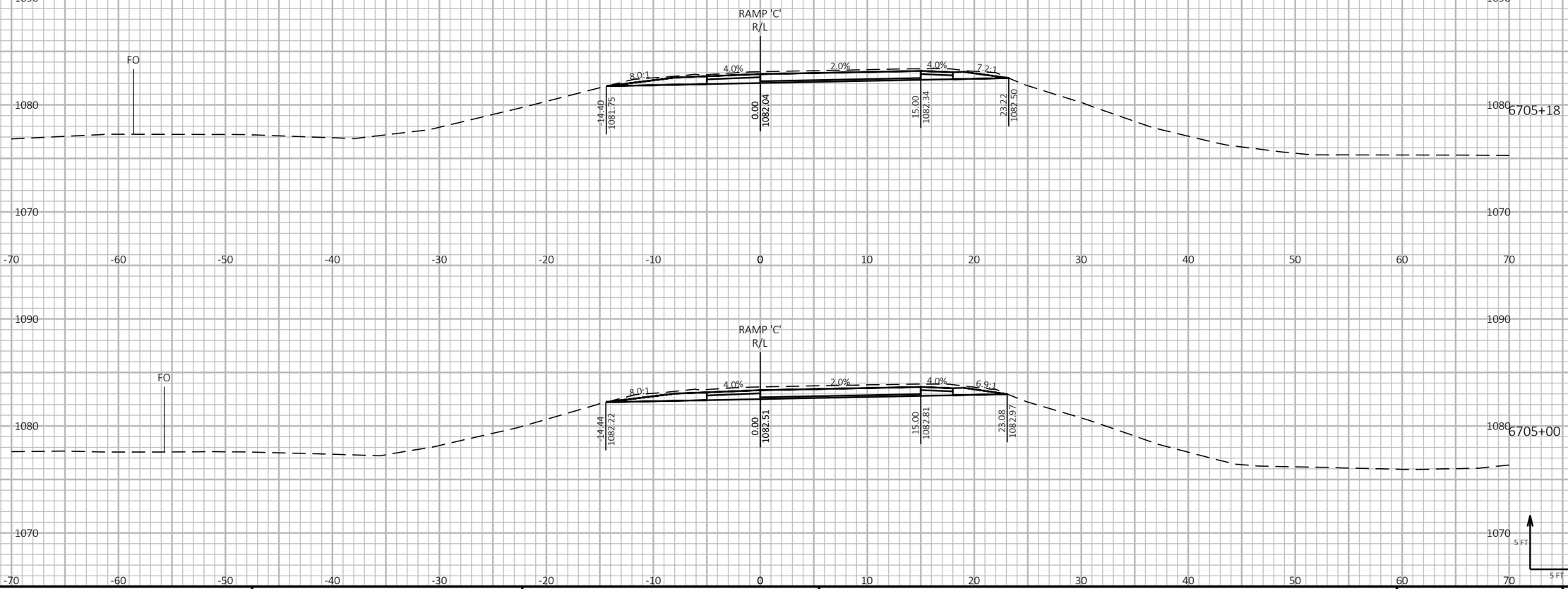
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 EXIT - STAGE 4	SHEET 1187	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090242-XS-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 2/28/2022 10:53 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

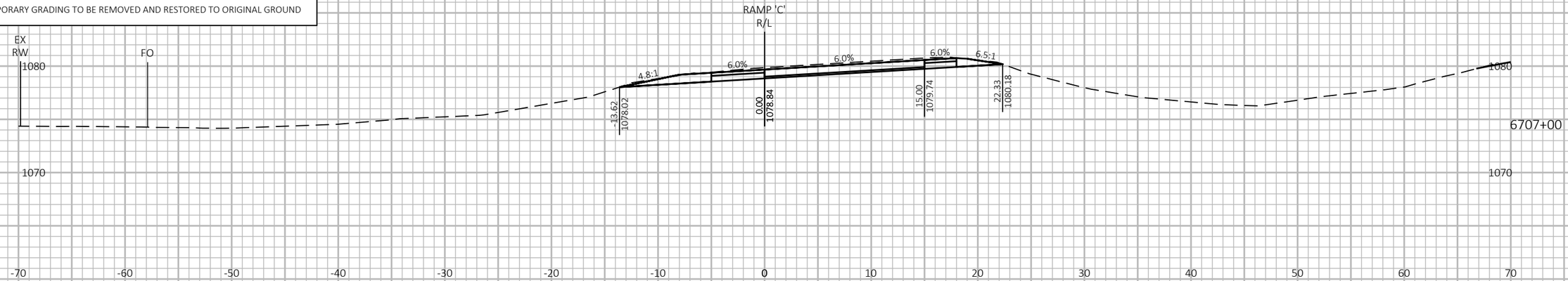
EXISTING GROUND

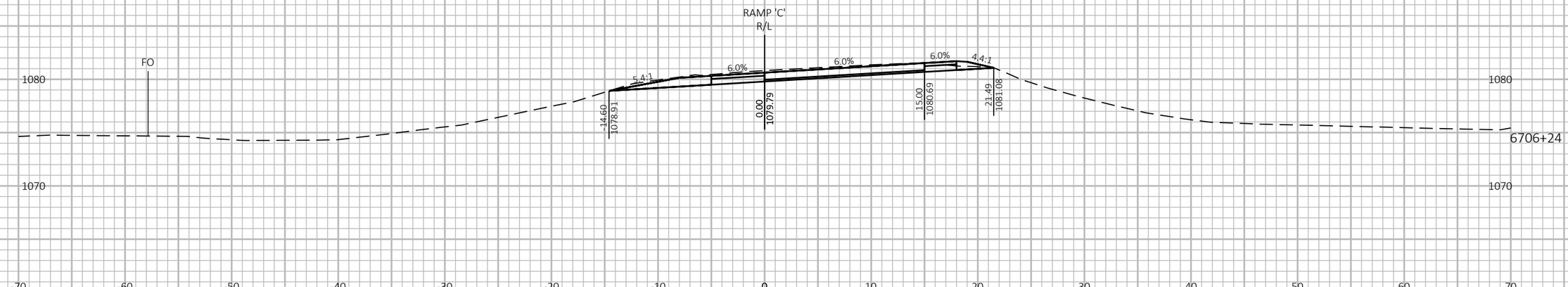
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

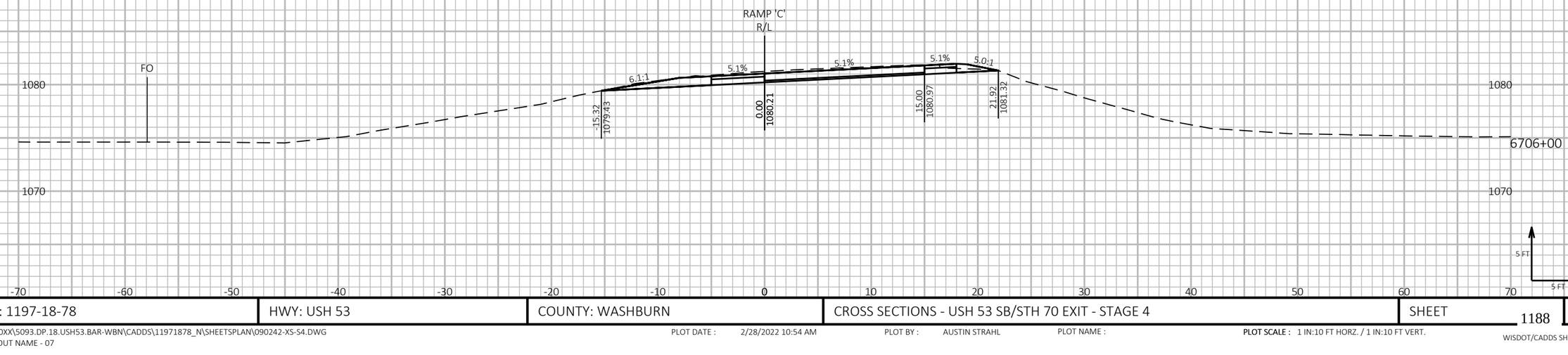
STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 EXIT - STAGE 4	SHEET 1188	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090242-XS-S4.DWG
LAYOUT NAME - 07

PLOT DATE : 2/28/2022 10:54 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

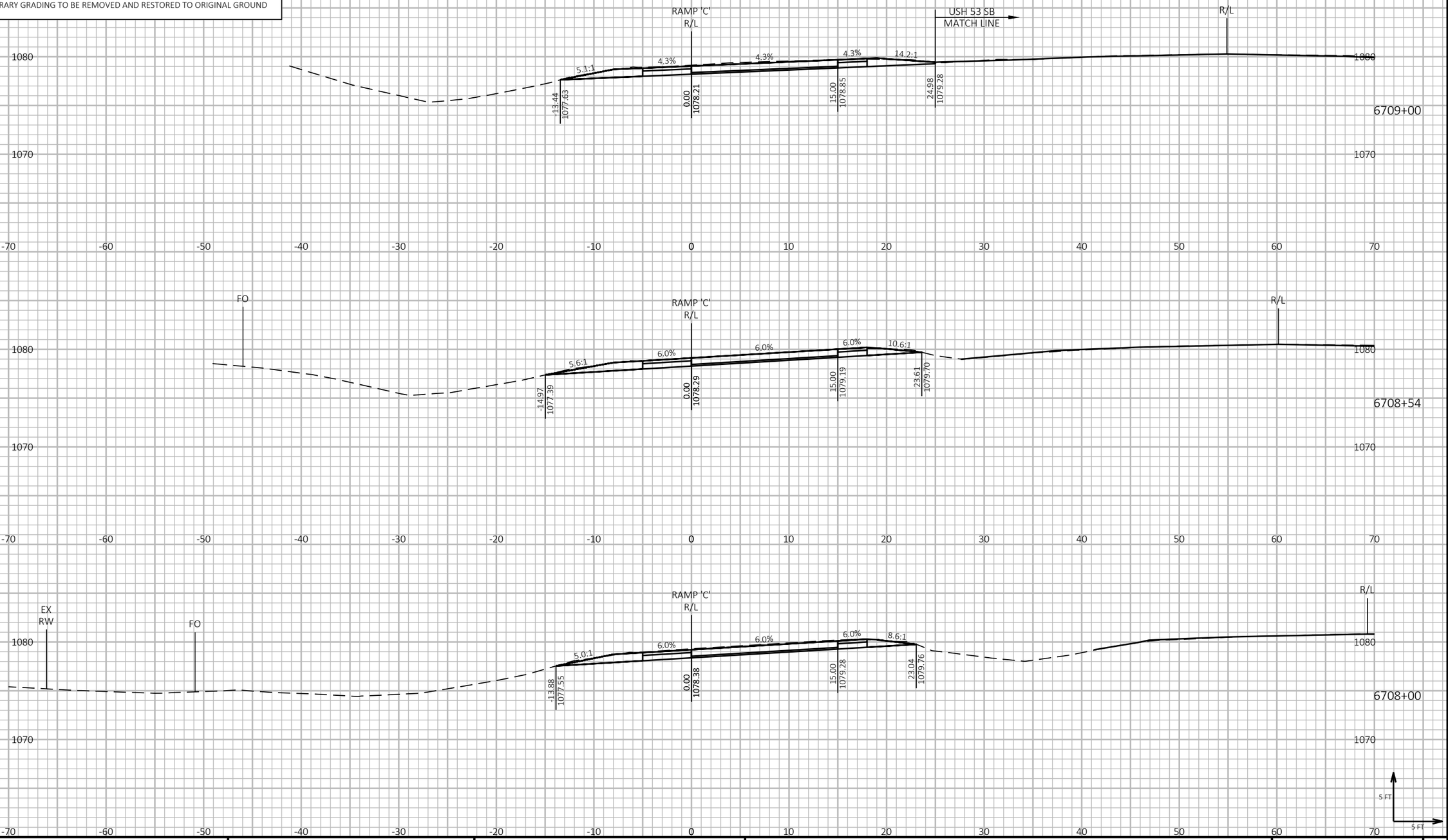
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 EXIT - STAGE 4	SHEET 1189 E

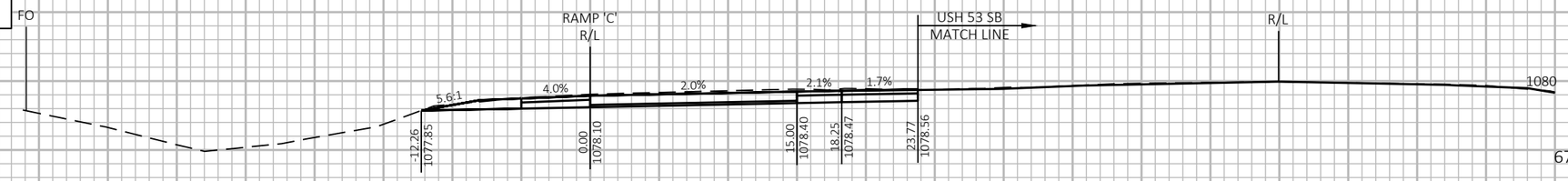
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LAYOUT NAME - 08

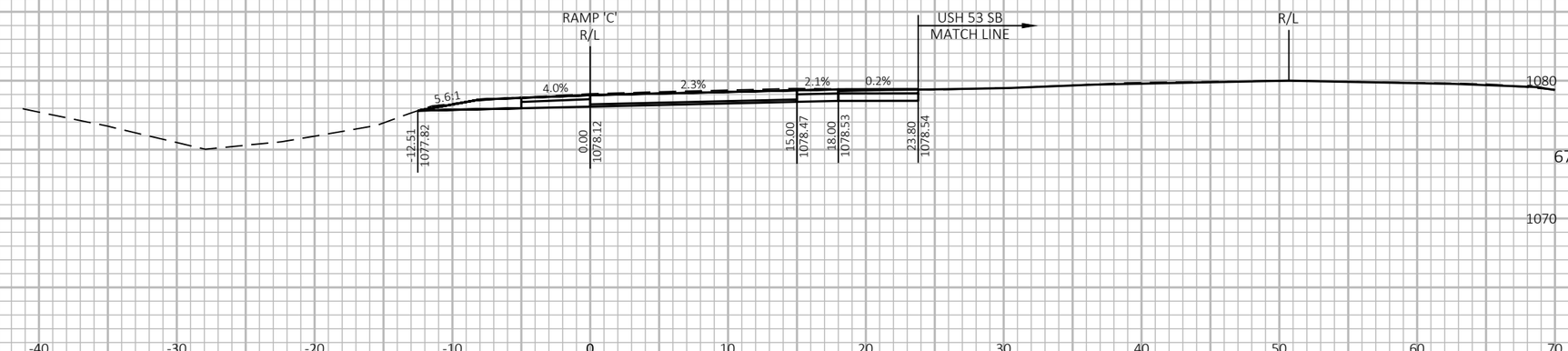
PLOT DATE : 2/28/2022 10:54 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

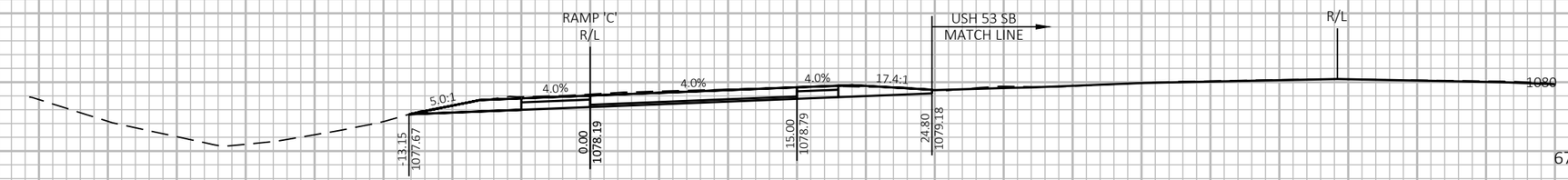
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70

5 FT
5 FT

9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 EXIT - STAGE 4	SHEET 1190	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090242-XS-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 2/28/2022 10:54 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

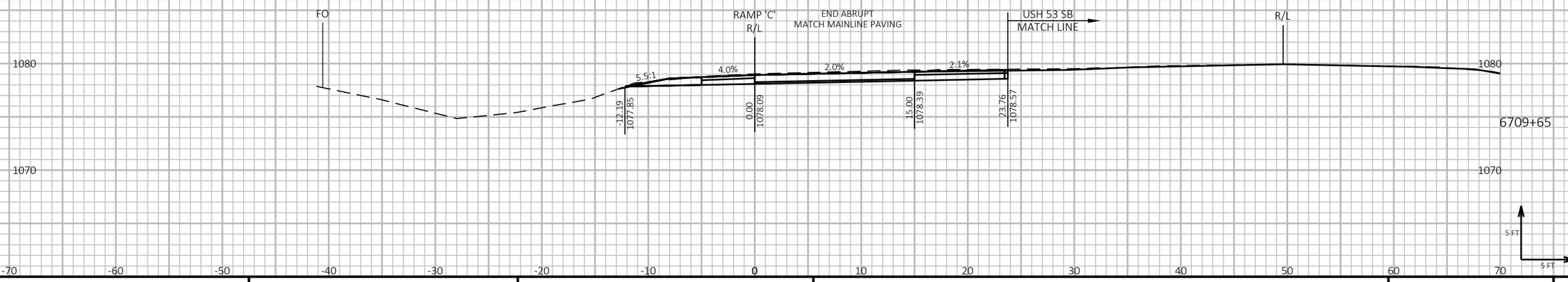
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/STH 70 EXIT - STAGE 4	SHEET 1191	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090242-XS-S4.DWG
LAYOUT NAME - 10

PLOT DATE : 2/28/2022 10:55 AM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

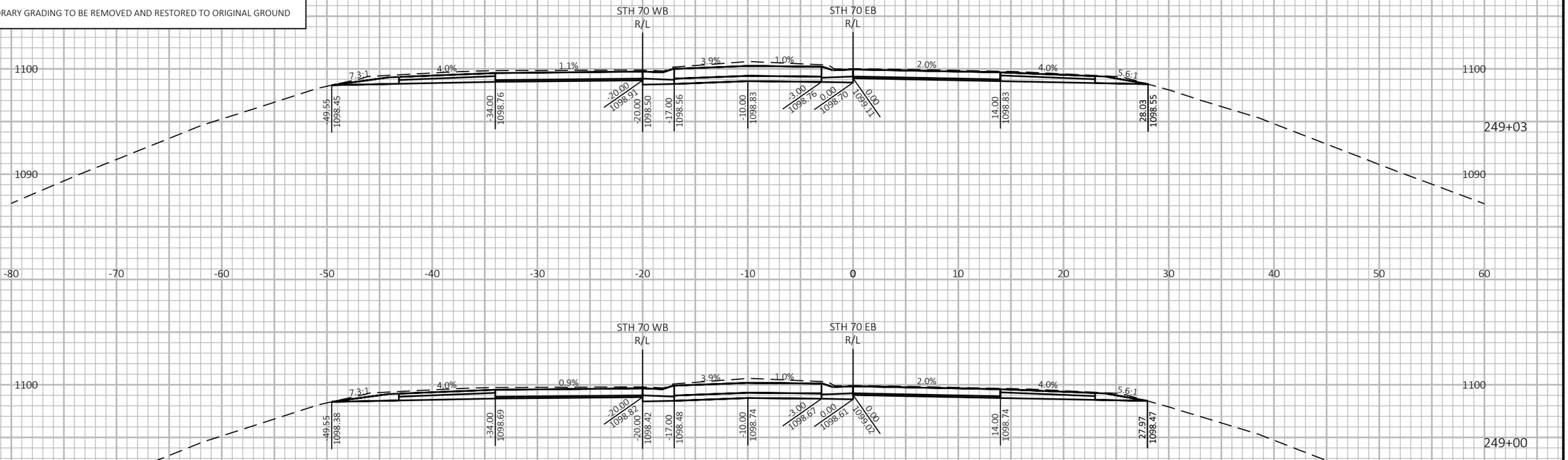
EXISTING GROUND

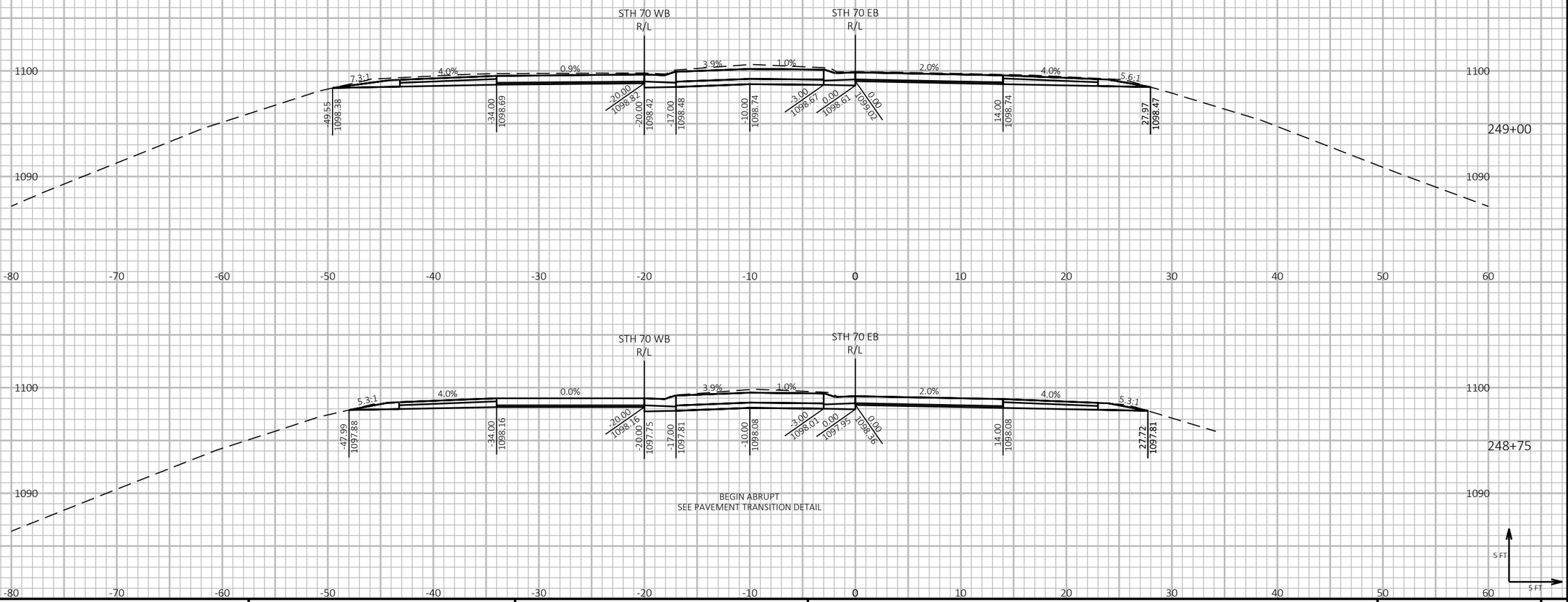
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND





5 FT

5 FT

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 4	SHEET 1192	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090243-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 2/28/2022 11:38 AM

PLOT BY : AUSTIN STRAHL

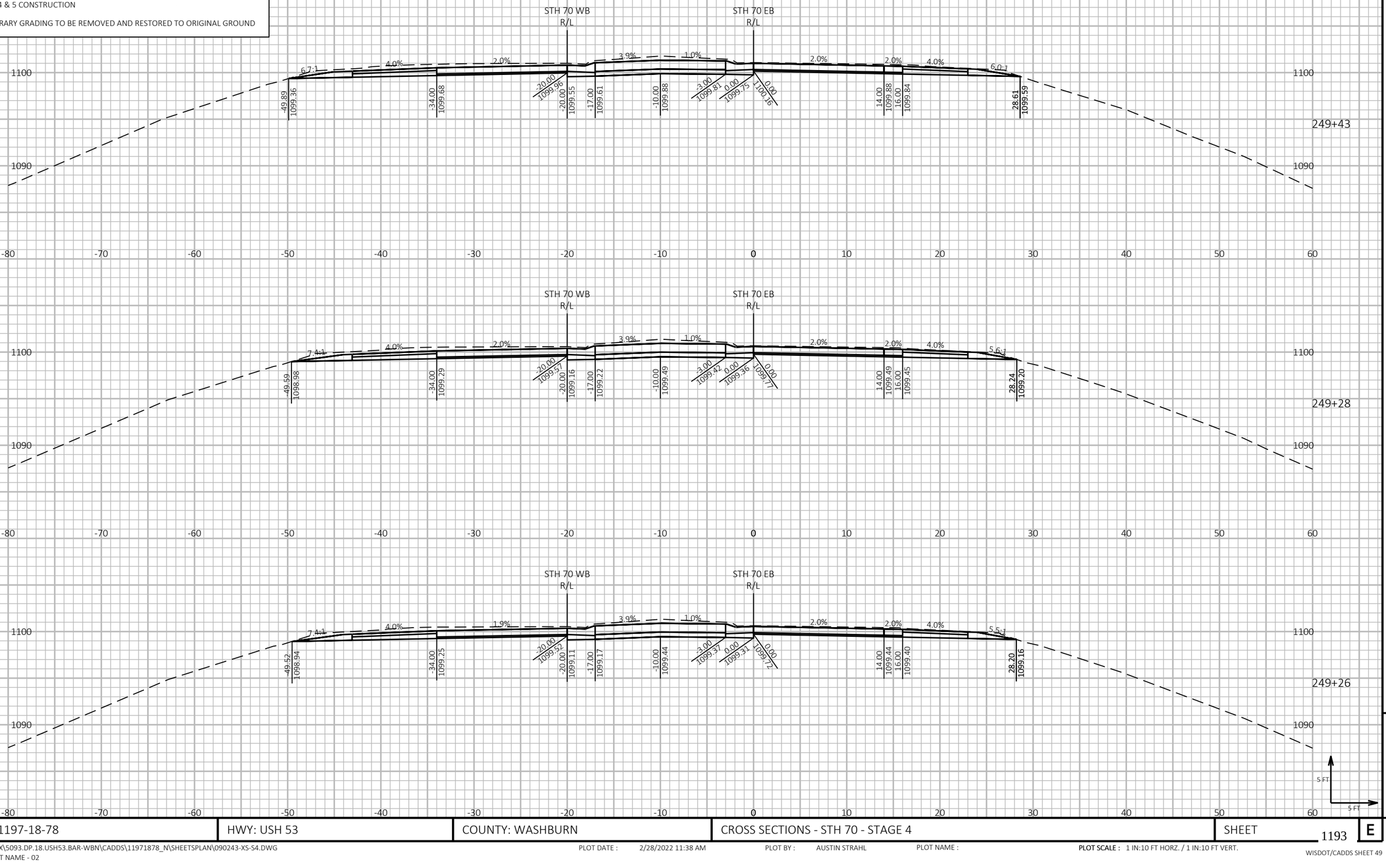
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 4	SHEET 1193 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090243-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 2/28/2022 11:38 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

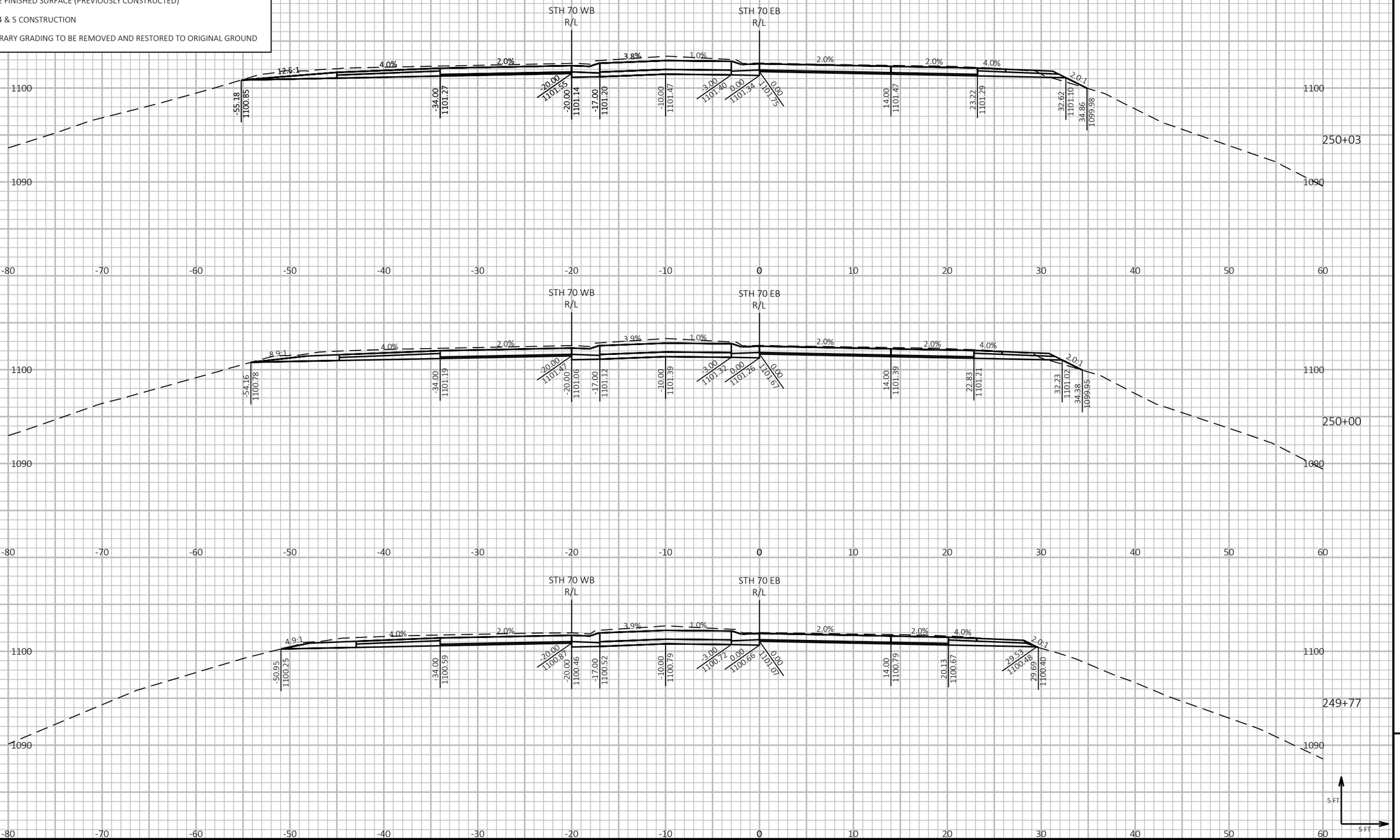
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 4	SHEET 1194 E

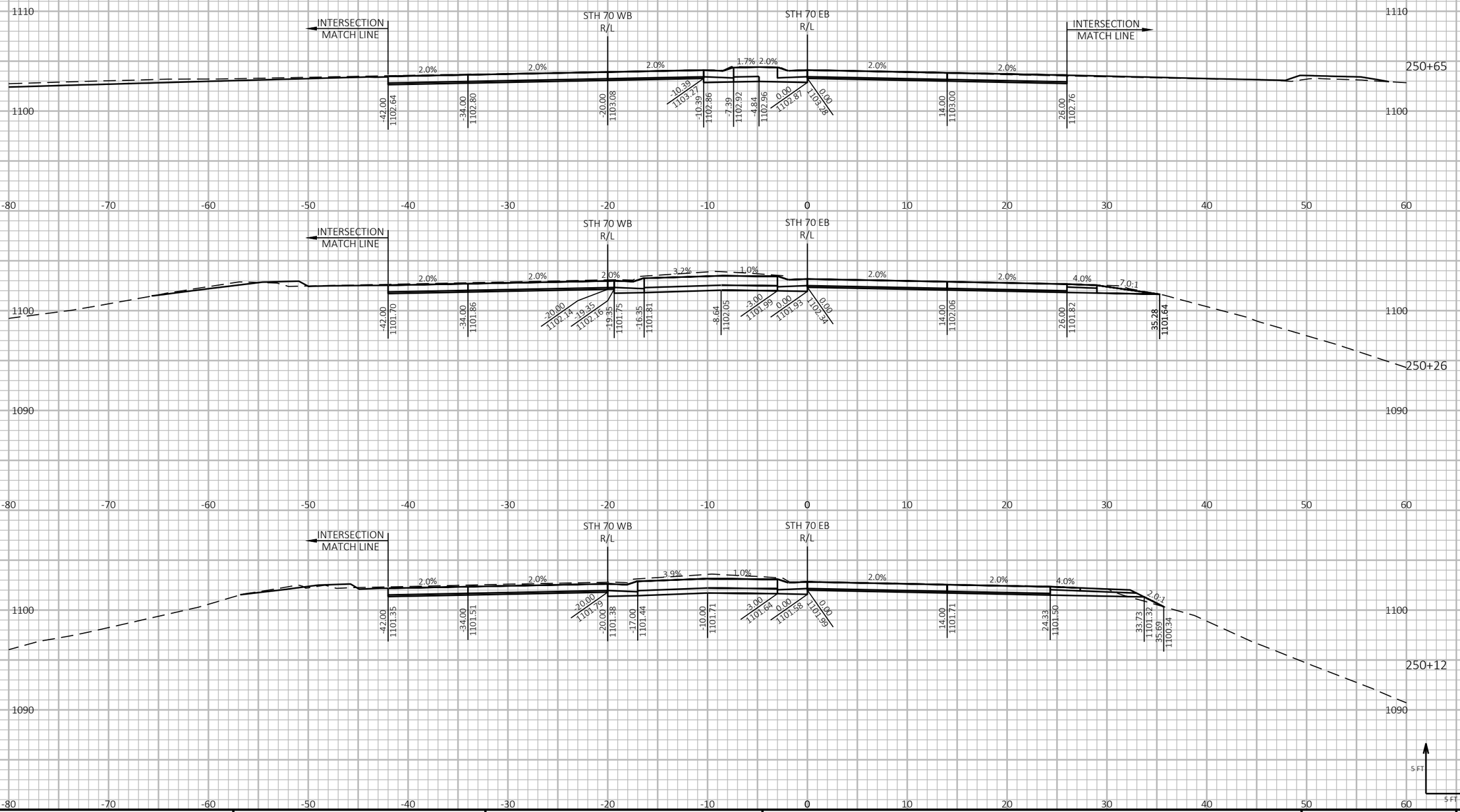
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090243-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/28/2022 11:39 AM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 4	SHEET 1195 E

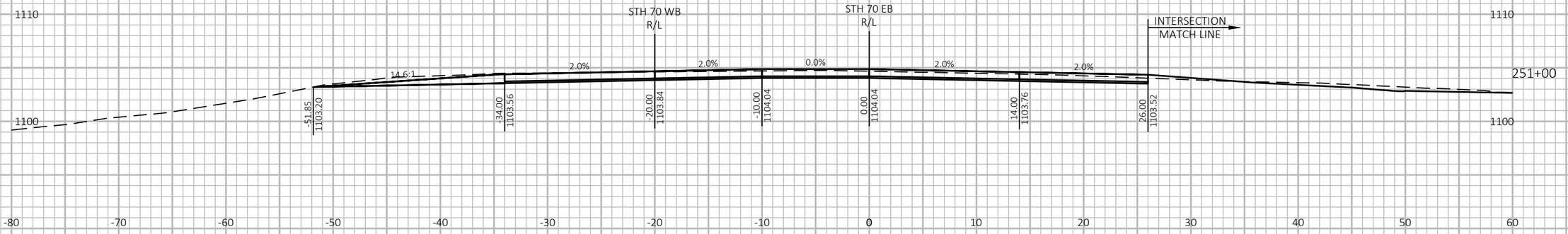
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LAYOUT NAME - 04

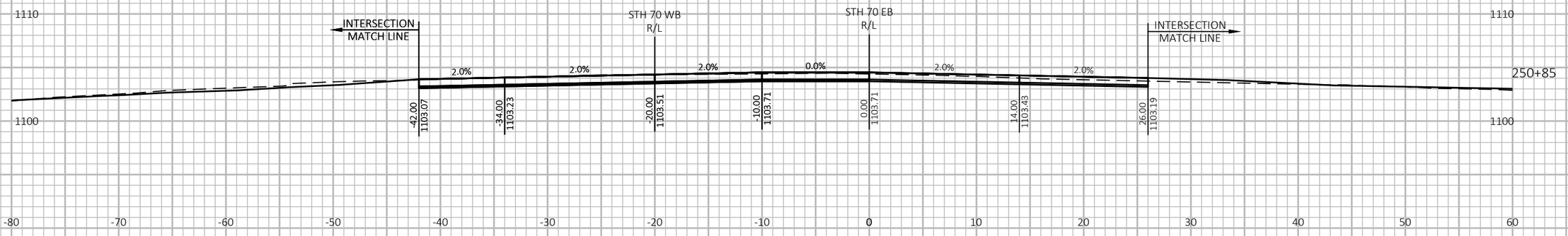
PLOT DATE : 2/28/2022 11:39 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

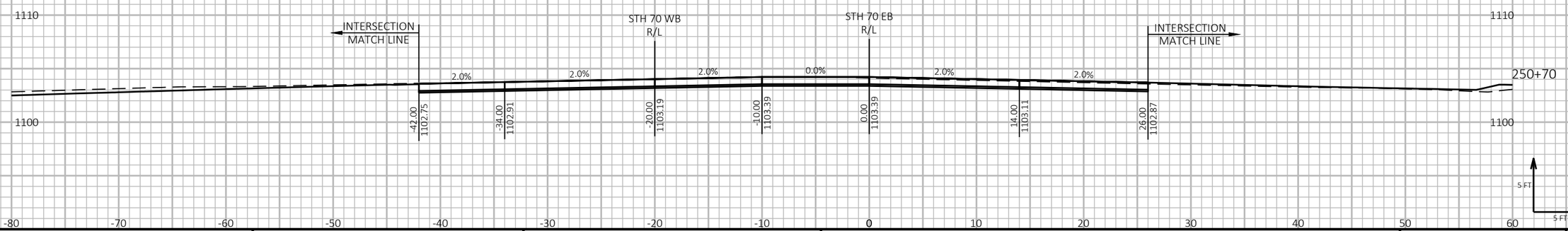
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 4	SHEET 1196	E

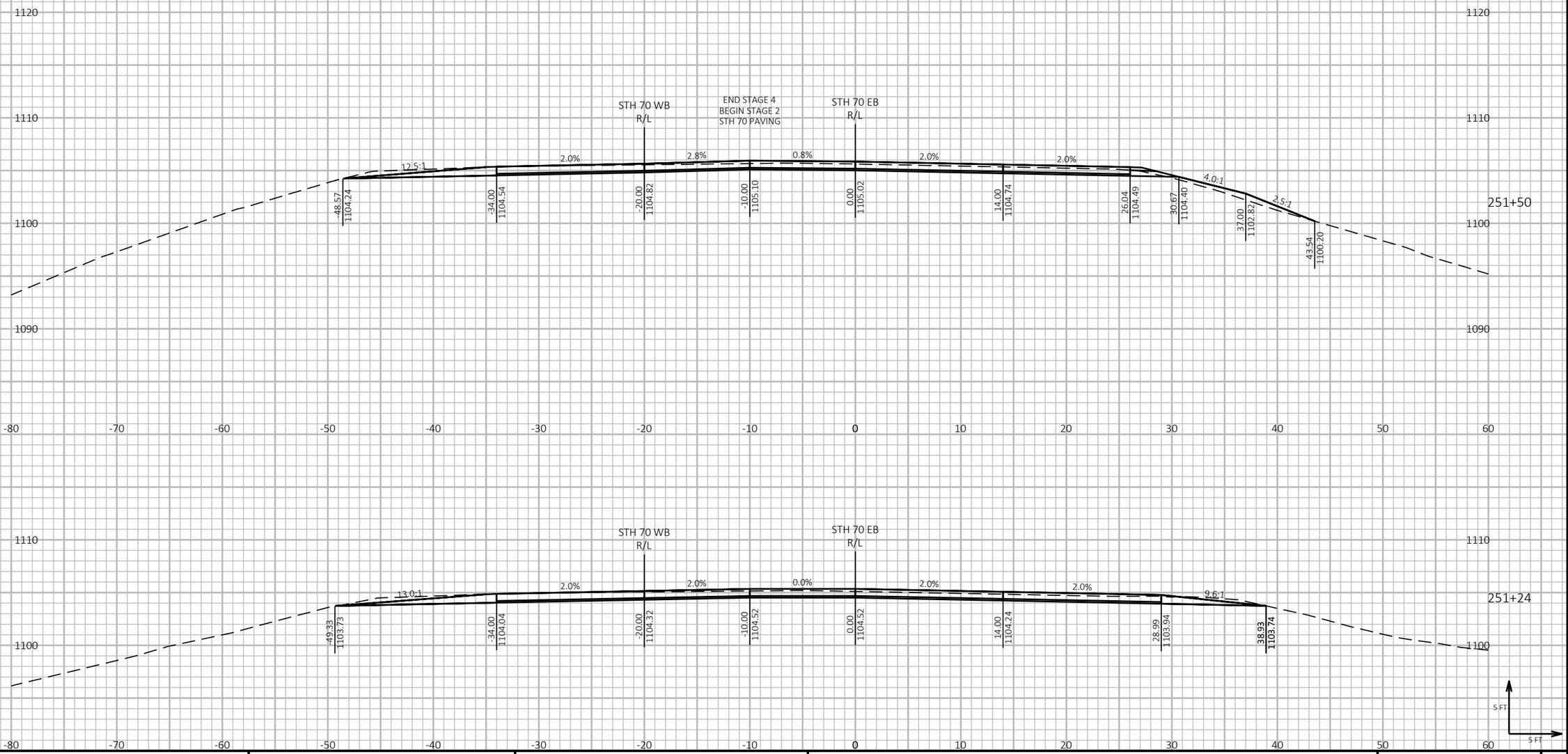
FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090243-XS-S4.DWG
LAYOUT NAME - 05

PLOT DATE : 2/28/2022 11:40 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - STH 70 - STAGE 4	SHEET 1197	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090243-XS-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 2/28/2022 11:40 AM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

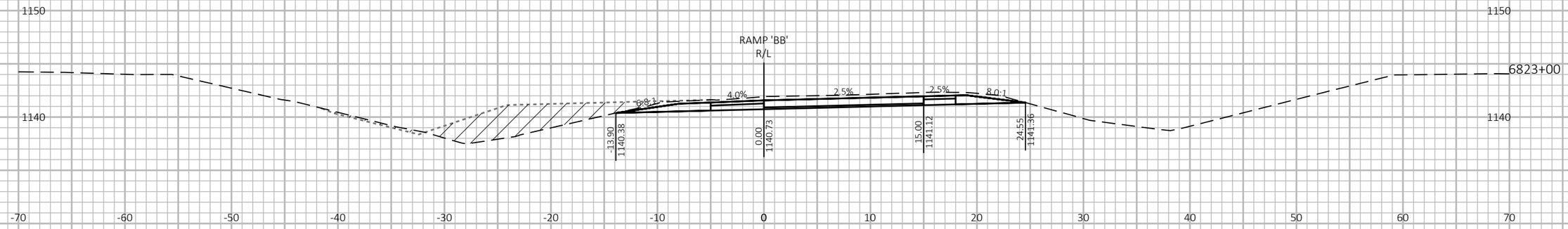
LEGEND

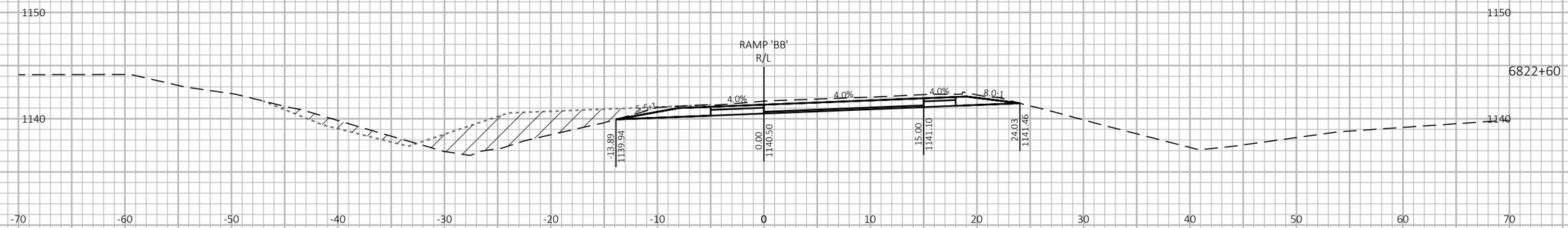
EXISTING GROUND

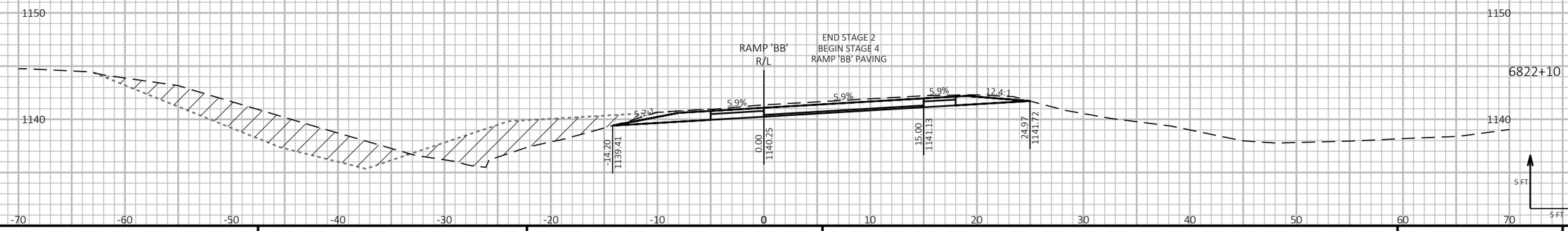
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND







9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1198	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 01

PLOT DATE : 2/24/2022 5:40 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

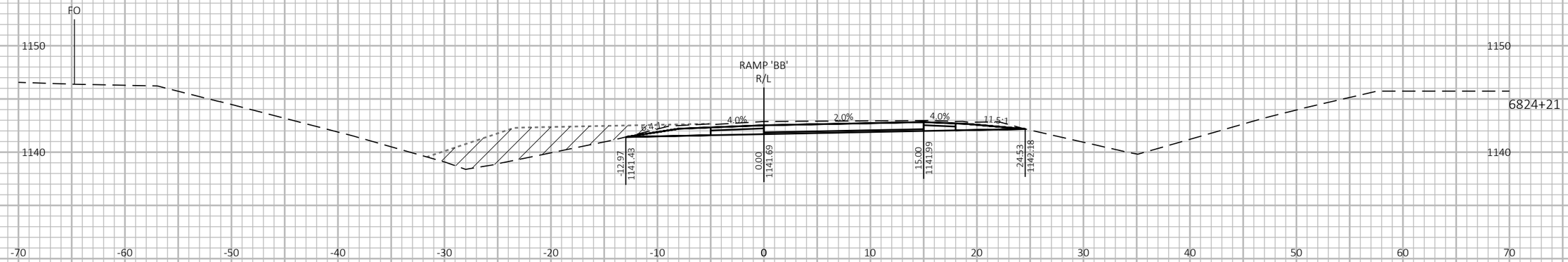
LEGEND

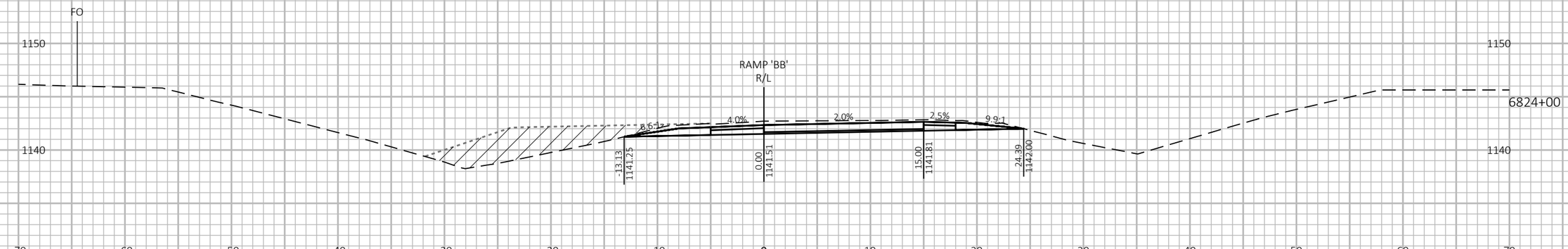
EXISTING GROUND

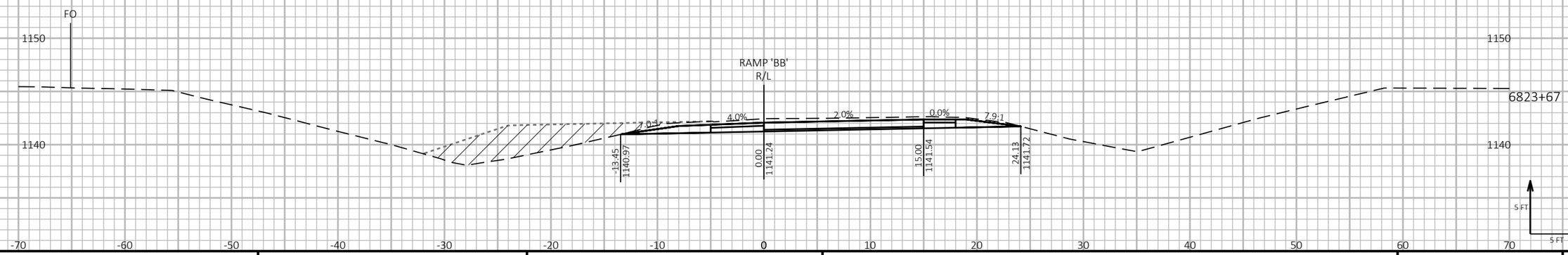
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND







9

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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1199	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 02

PLOT DATE : 2/24/2022 5:40 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

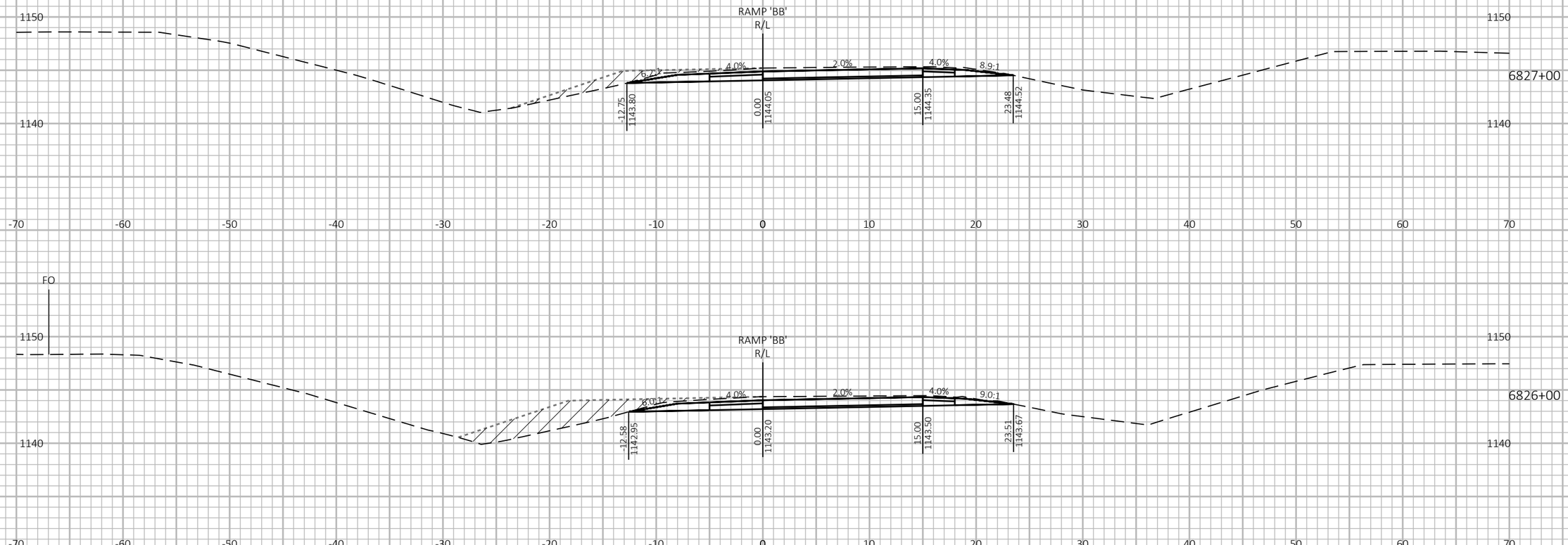
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1200	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 03

PLOT DATE : 2/24/2022 5:40 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1201	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 04

PLOT DATE : 2/24/2022 5:41 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

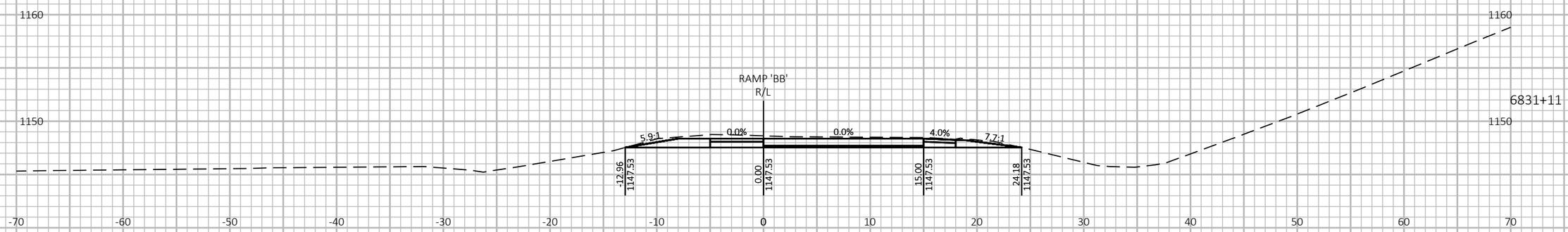
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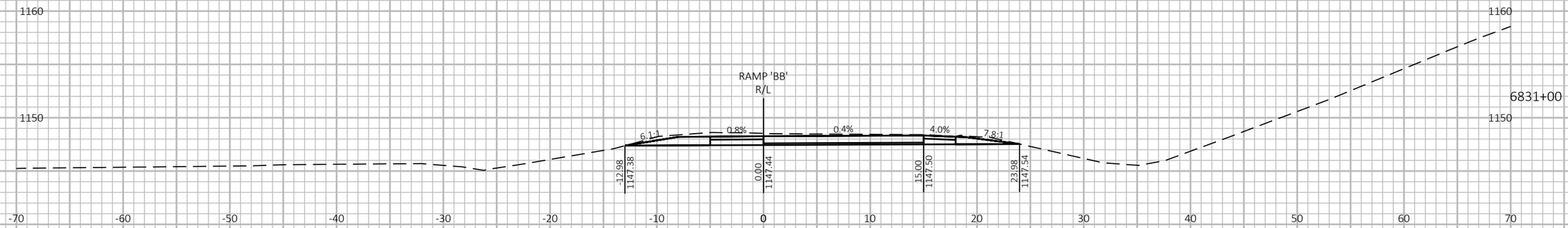
EXISTING GROUND

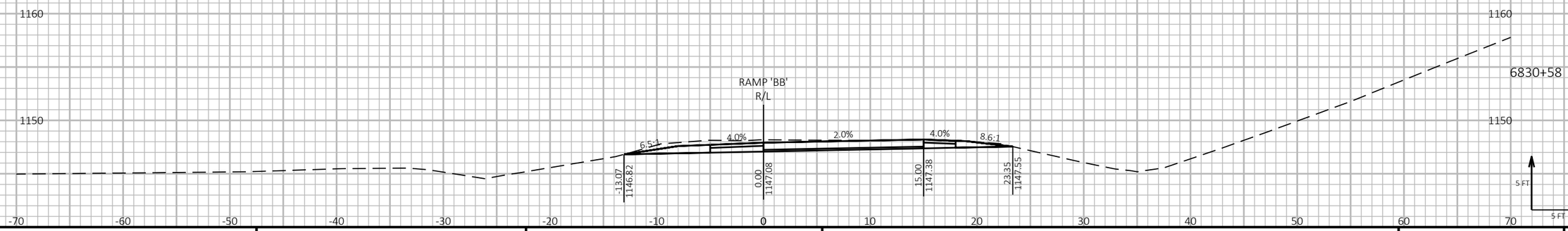
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND







9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1202 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 05

PLOT DATE : 2/24/2022 5:41 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

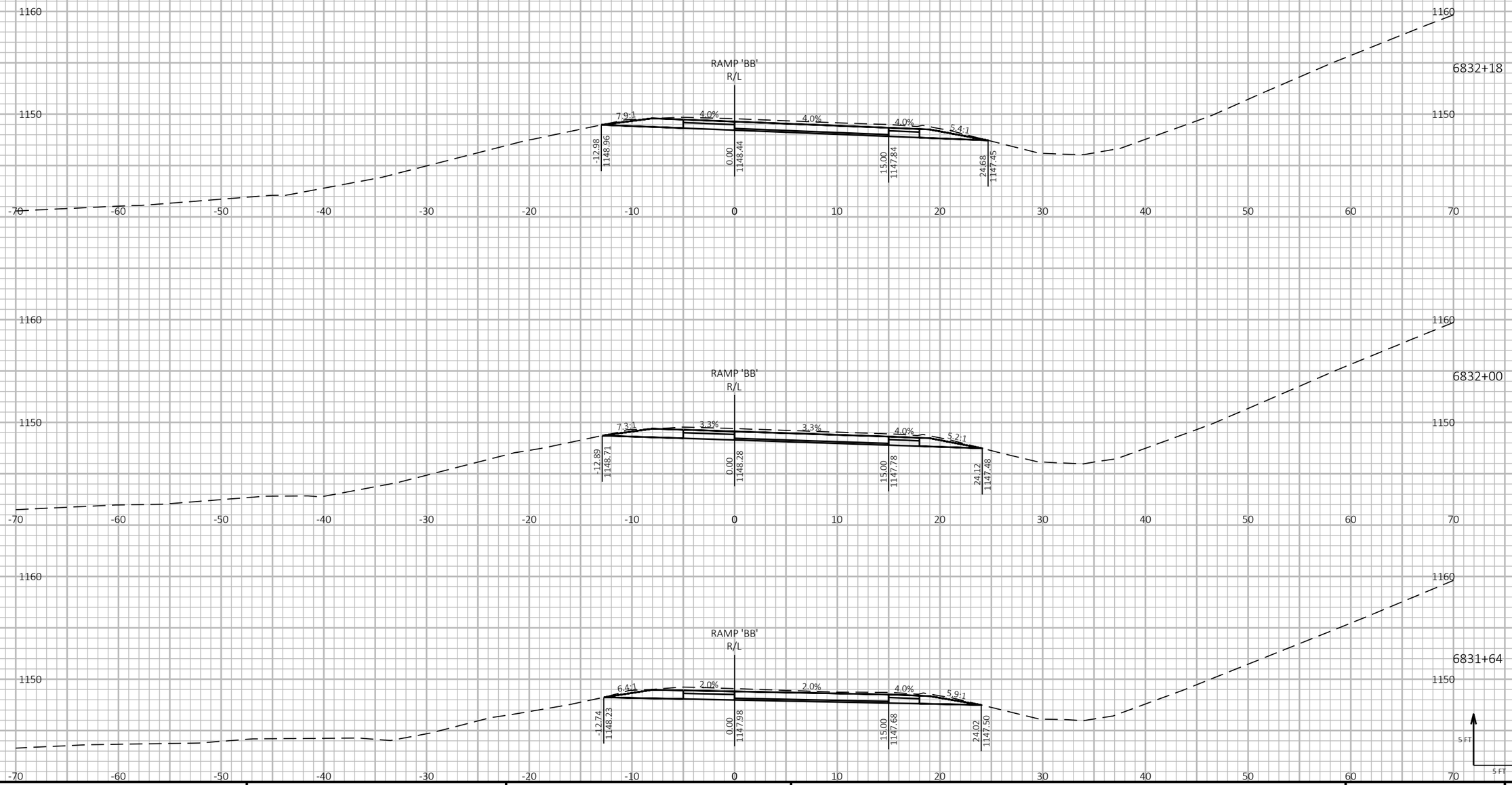
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1203	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 2/24/2022 5:41 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

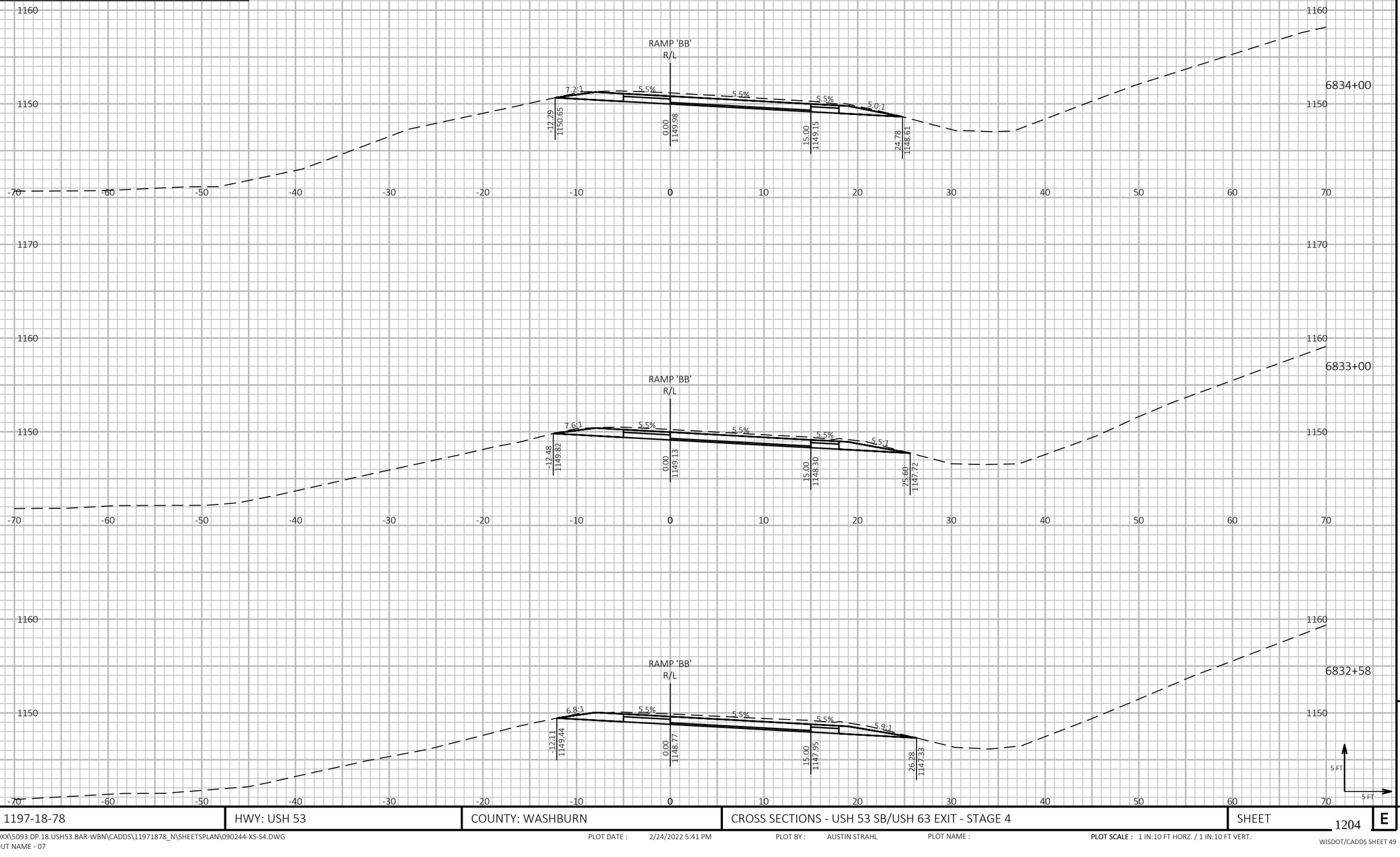
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1204	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 07

PLOT DATE : 2/24/2022 5:41 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

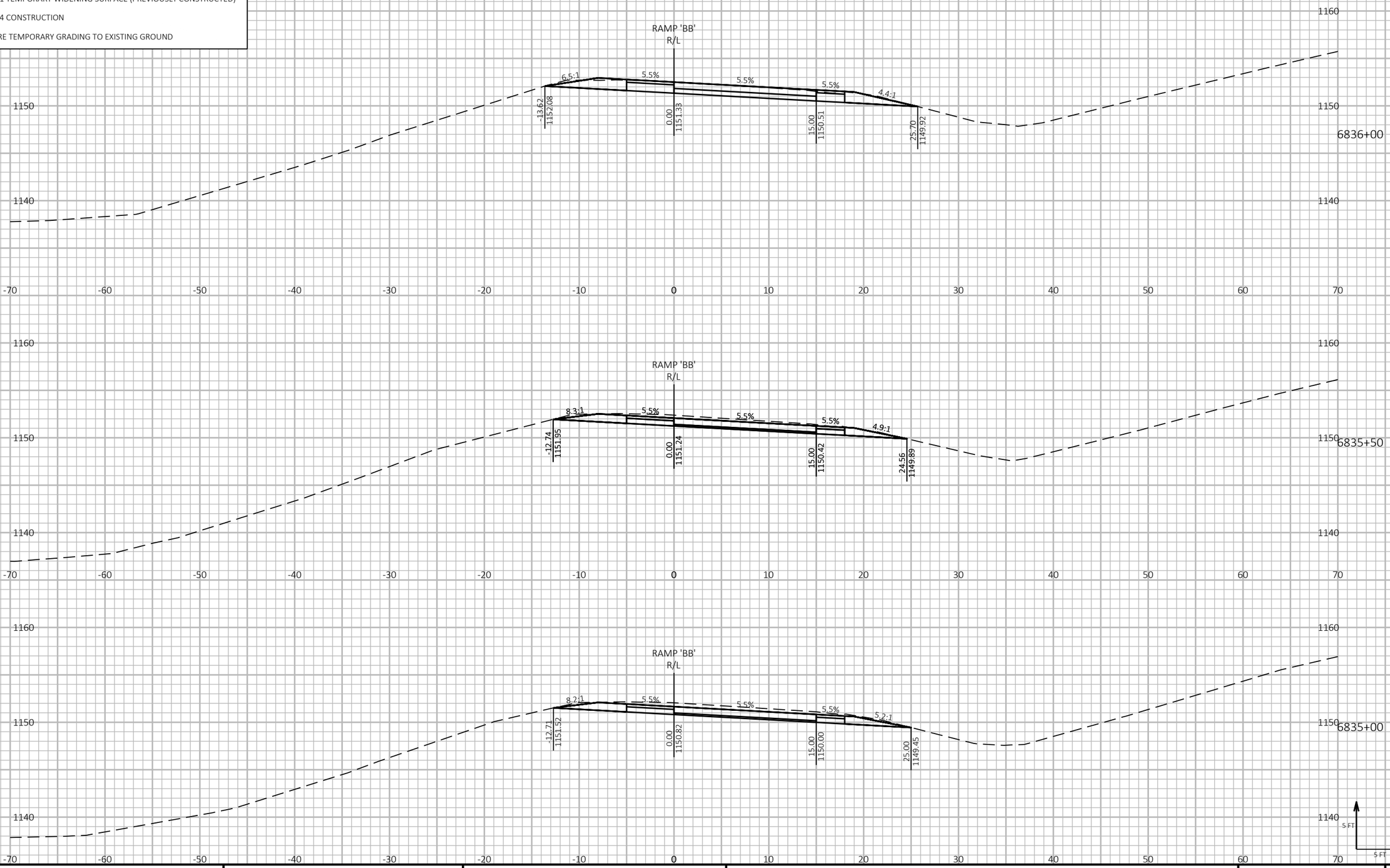
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND



9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1205	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 08

PLOT DATE : 2/24/2022 5:42 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

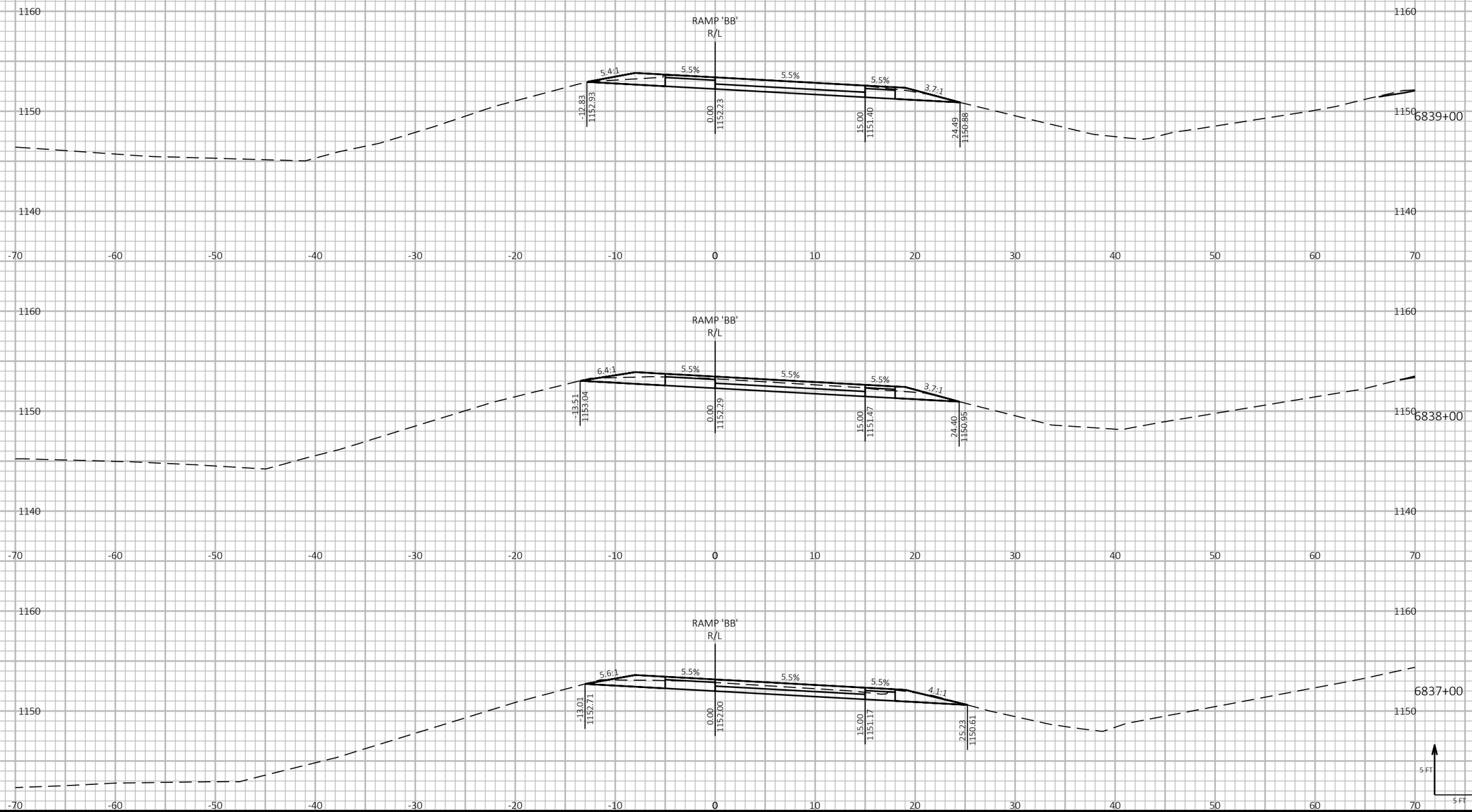
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1206 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 2/24/2022 5:42 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

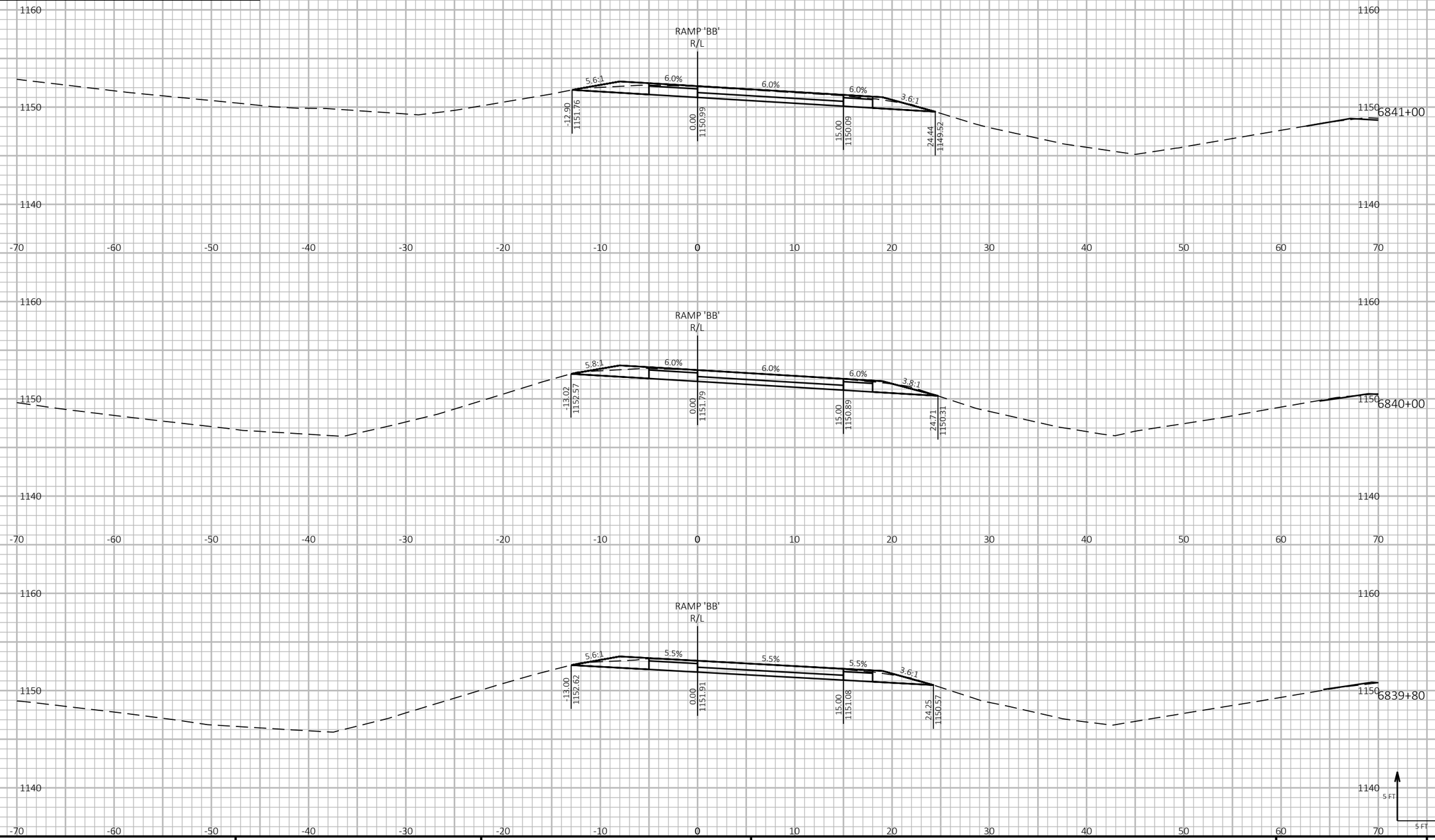
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1207	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 10

PLOT DATE : 2/24/2022 5:42 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1208	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 11

PLOT DATE : 2/24/2022 5:42 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

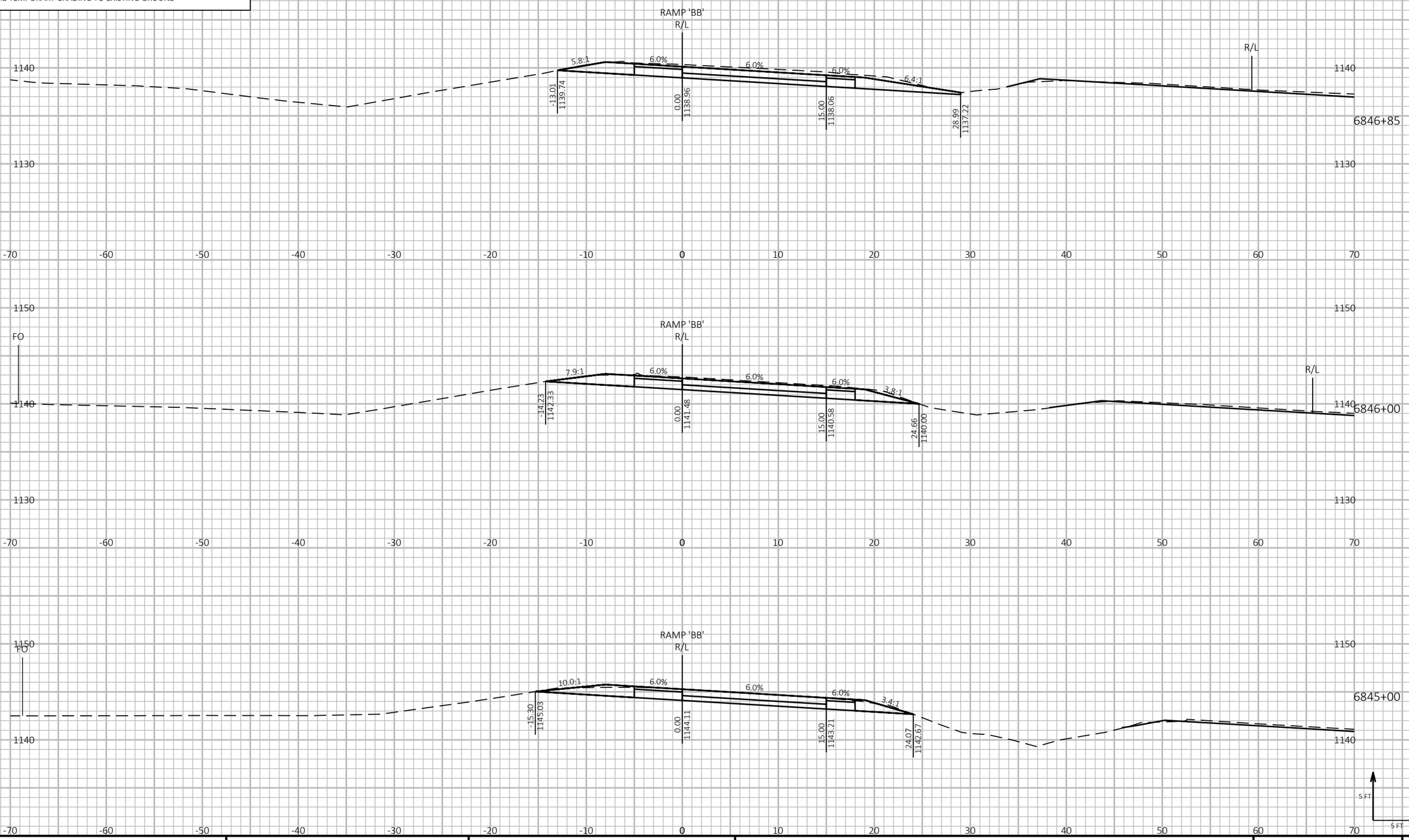
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1209	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 12

PLOT DATE : 2/24/2022 5:43 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND

9

9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1210	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 13

PLOT DATE : 2/24/2022 5:43 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

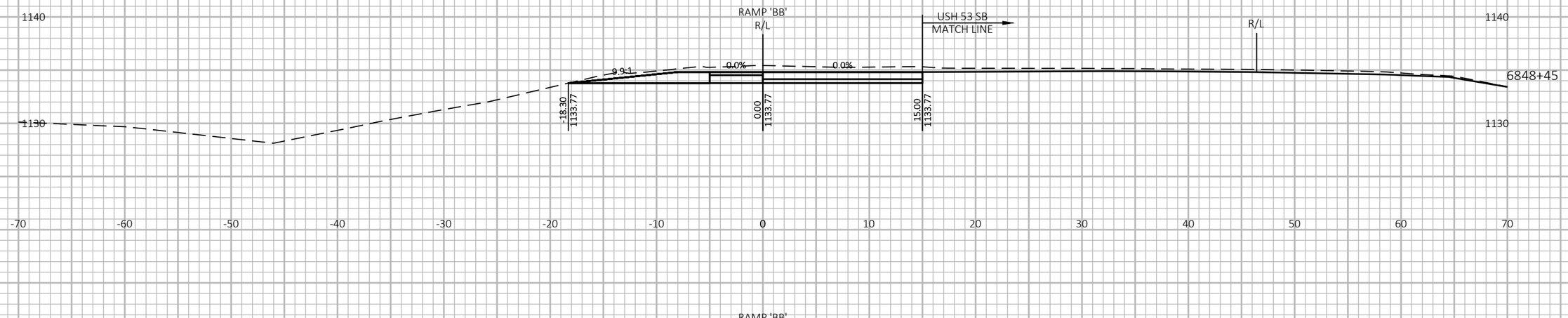
LEGEND

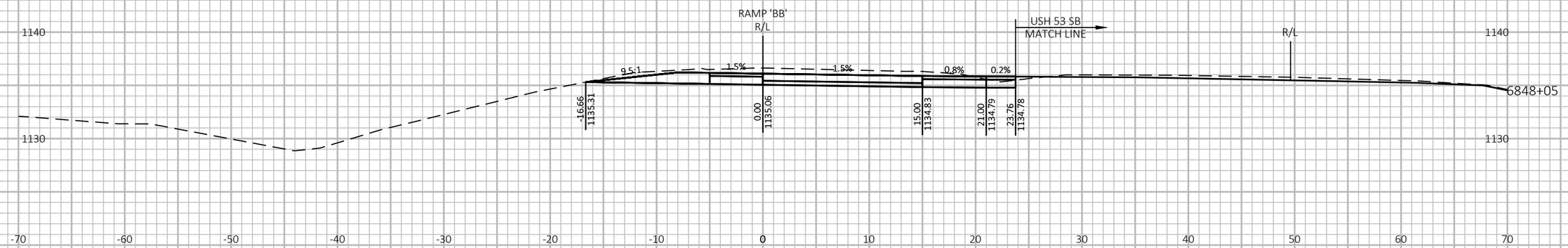
EXISTING GROUND

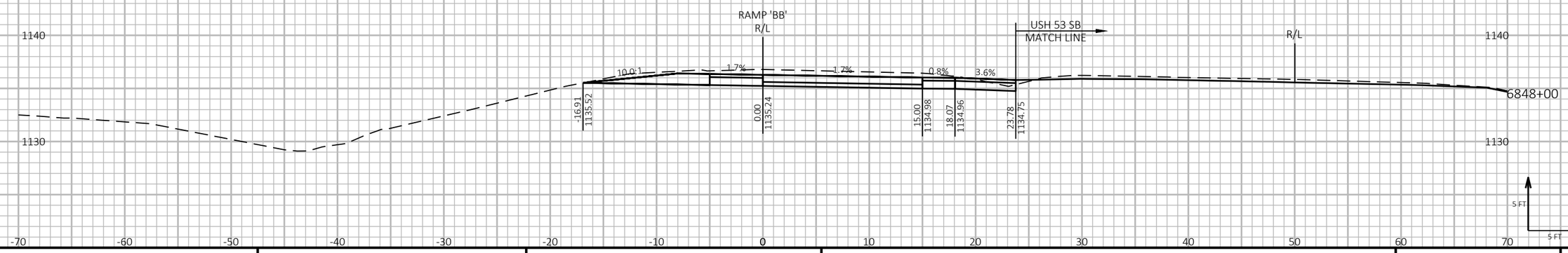
STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND







9 9

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1211 E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 14

PLOT DATE : 2/24/2022 5:43 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

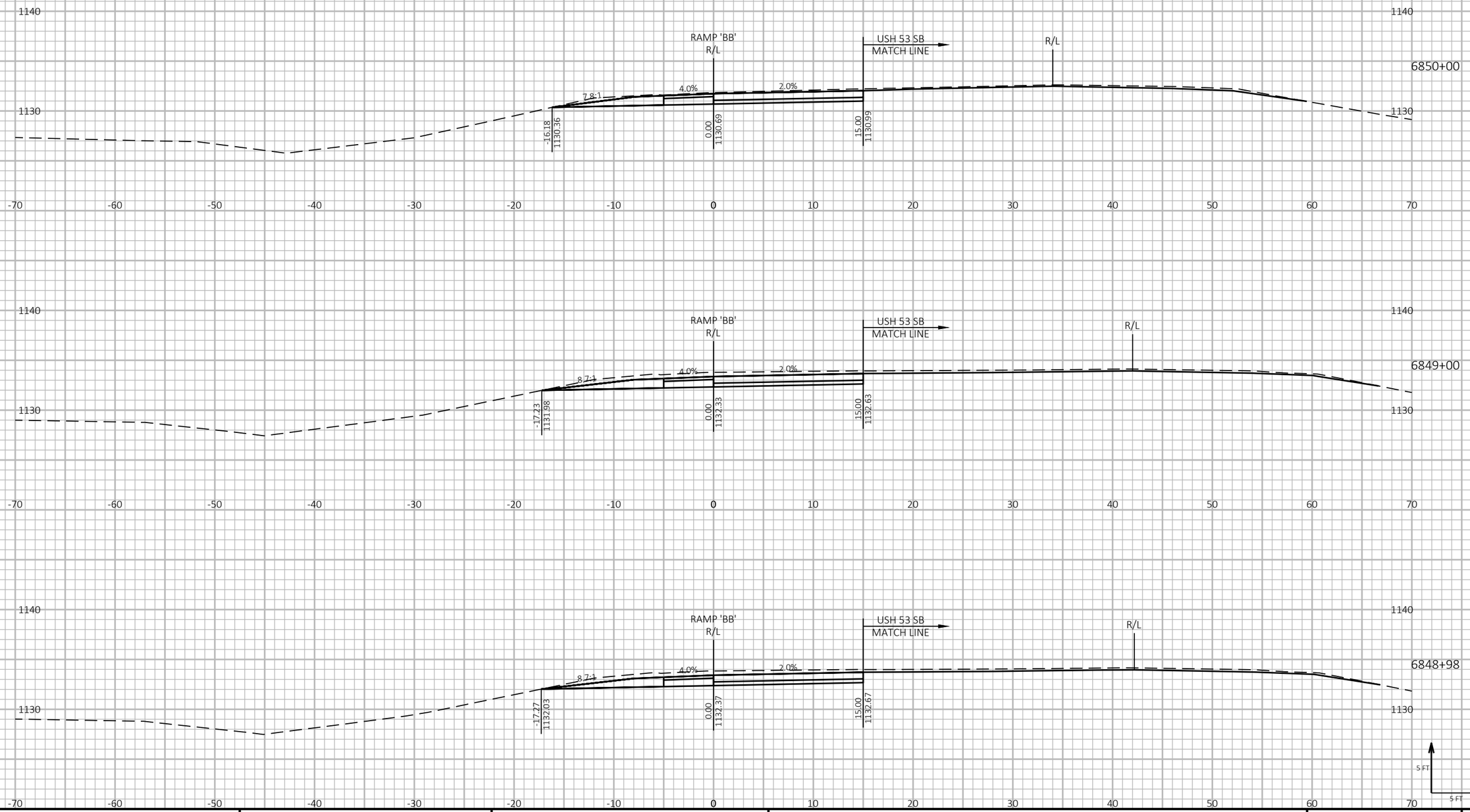
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND



9

9

5 FT

5 FT

PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1212	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090244-XS-S4.DWG
LAYOUT NAME - 15

PLOT DATE : 2/24/2022 5:43 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

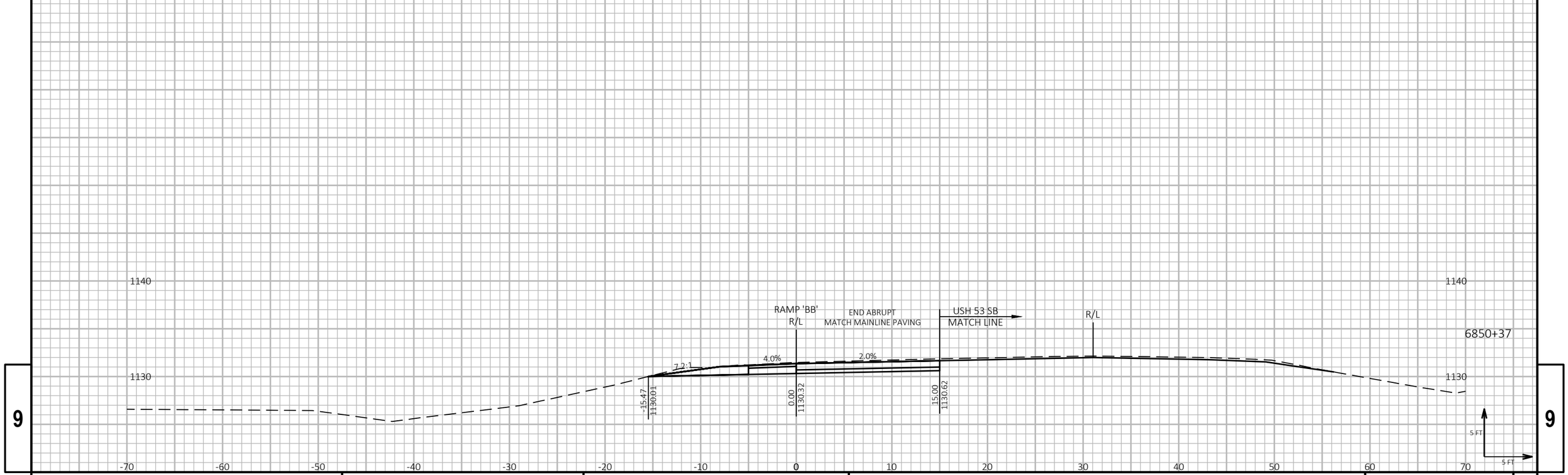
LEGEND

EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 CONSTRUCTION

RESTORE TEMPORARY GRADING TO EXISTING GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 SB/USH 63 EXIT - STAGE 4	SHEET 1213	E

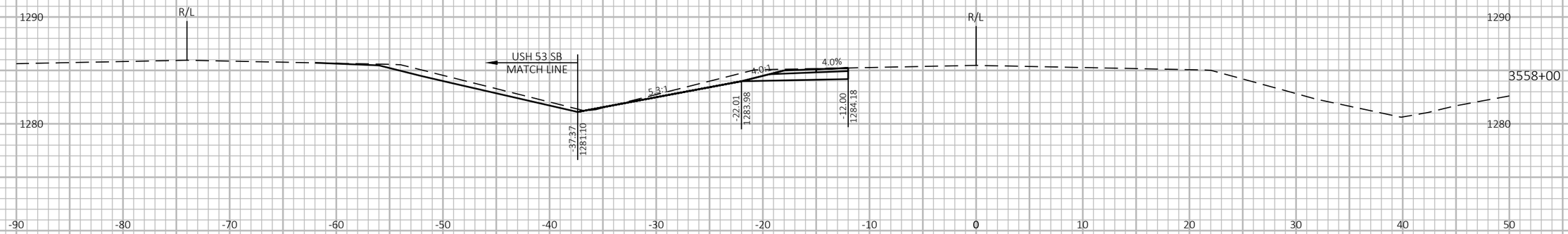
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LAYOUT NAME - 16

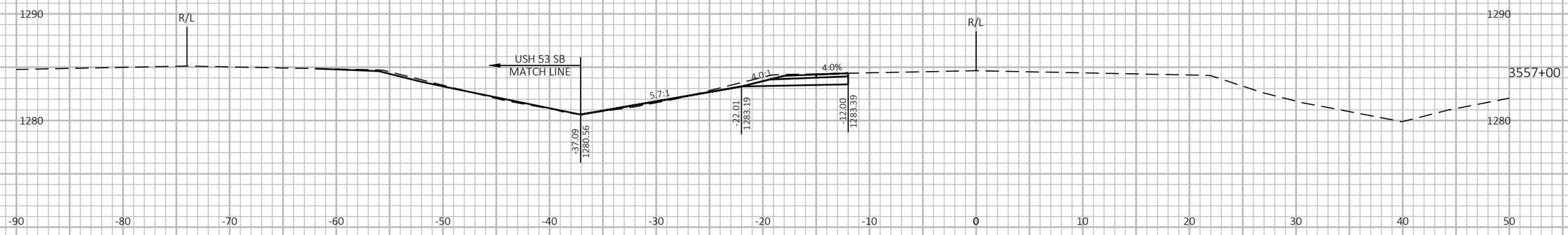
PLOT DATE : 2/24/2022 5:44 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

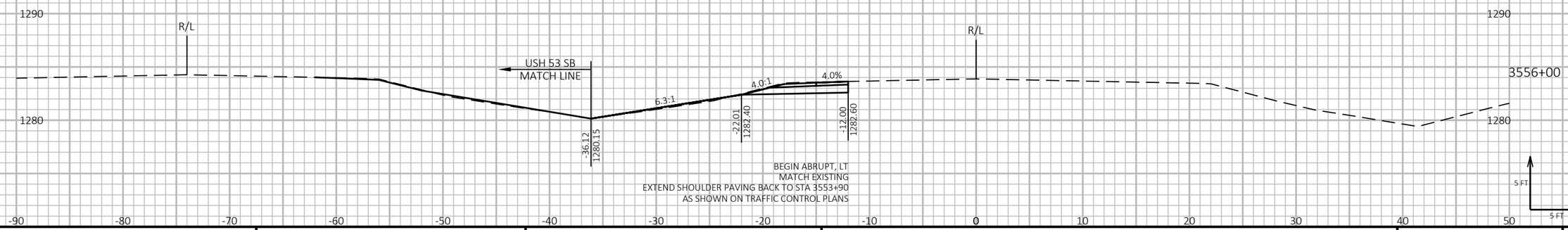
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 NB - STAGE 5	SHEET 1214	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090245-XS-S5.DWG
LAYOUT NAME - 01

PLOT DATE : 2/23/2022 6:26 PM

PLOT BY : AUSTIN STRAHL

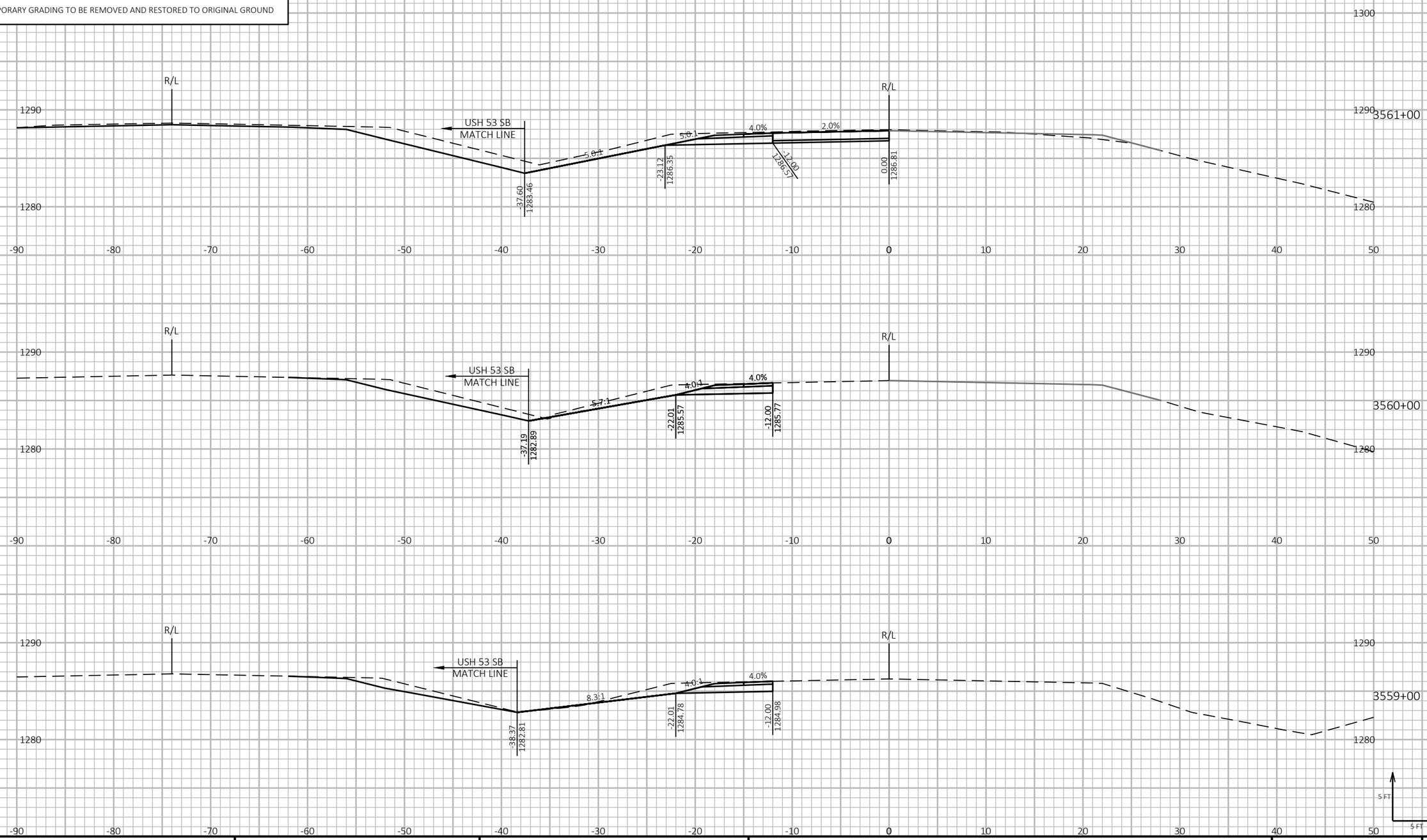
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 NB - STAGE 5	SHEET 1215	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090245-XS-S5.DWG
LAYOUT NAME - 02

PLOT DATE : 2/23/2022 6:27 PM PLOT BY : AUSTIN STRAHL PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

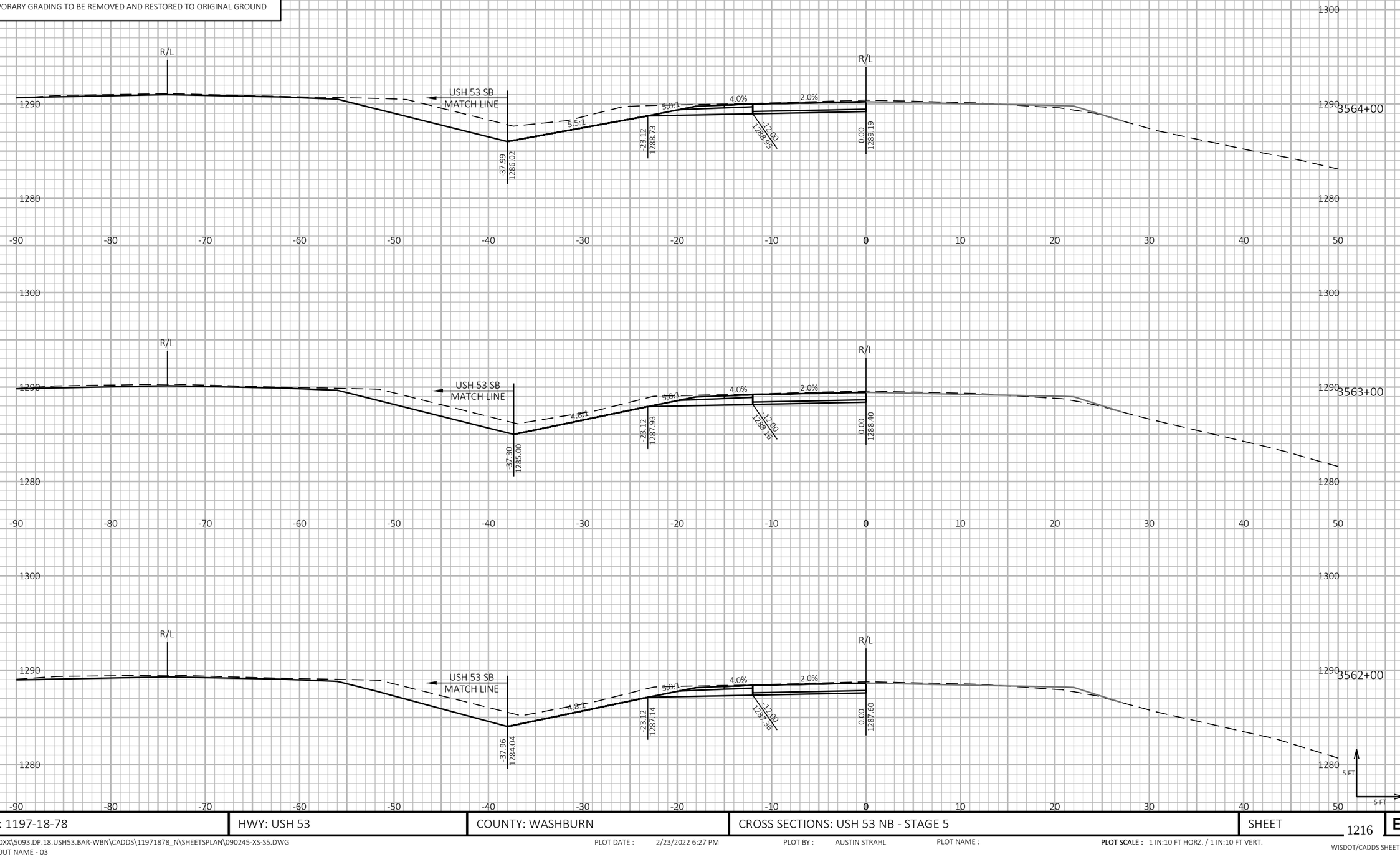
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 NB - STAGE 5	SHEET 1216	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090245-XS-S5.DWG
LAYOUT NAME - 03

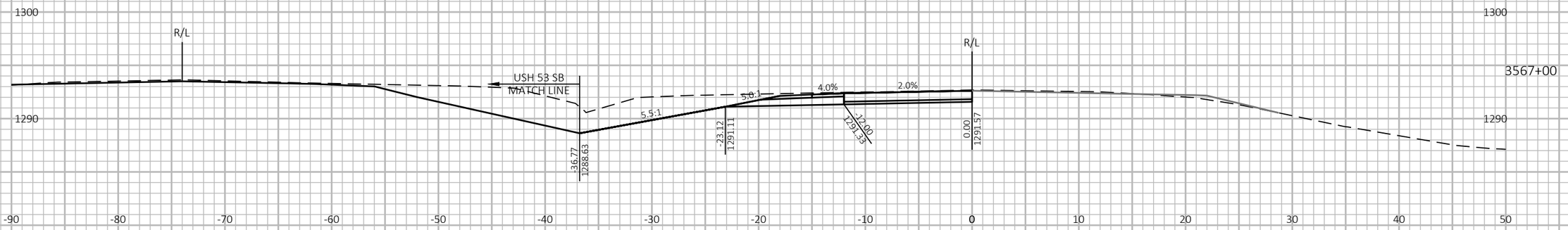
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PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

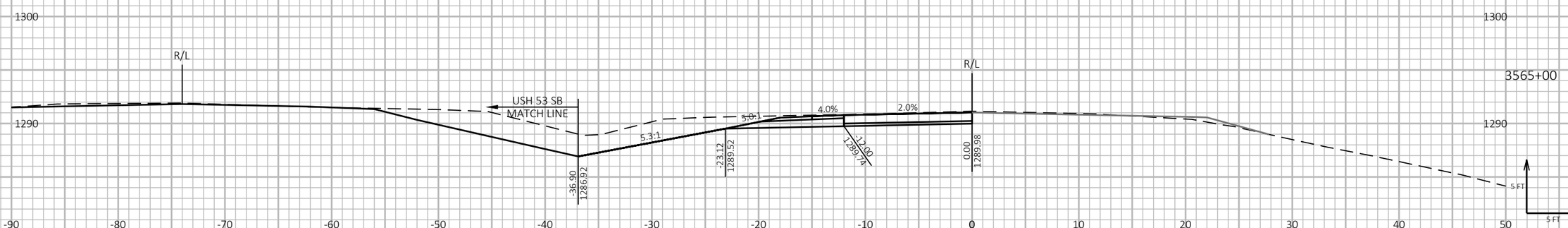
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 NB - STAGE 5	SHEET 1217	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090245-XS-S5.DWG
LAYOUT NAME - 04

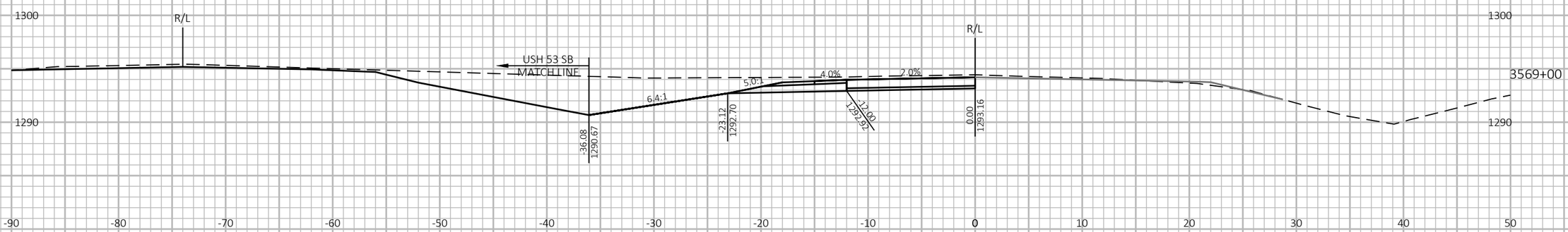
PLOT DATE : 2/23/2022 6:27 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

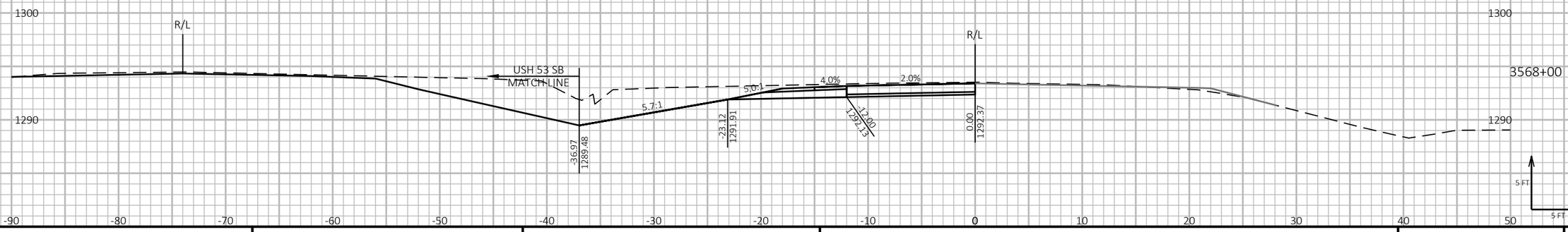
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 NB - STAGE 5	SHEET 1218	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090245-XS-S5.DWG
LAYOUT NAME - 05

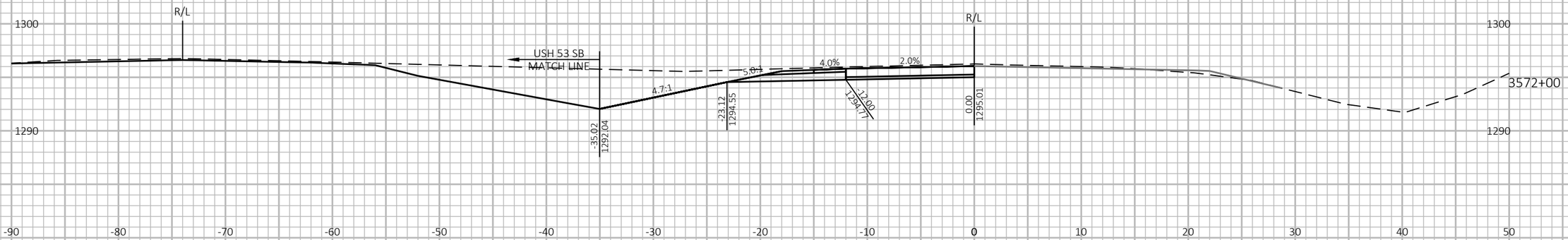
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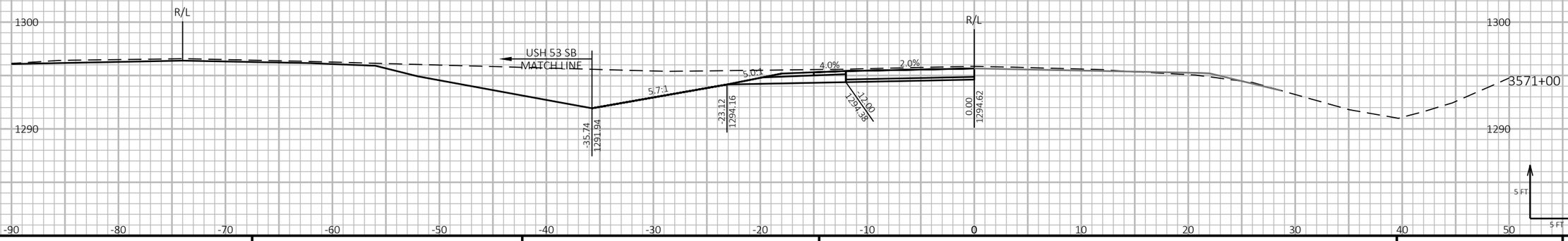
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 NB - STAGE 5	SHEET 1219	E

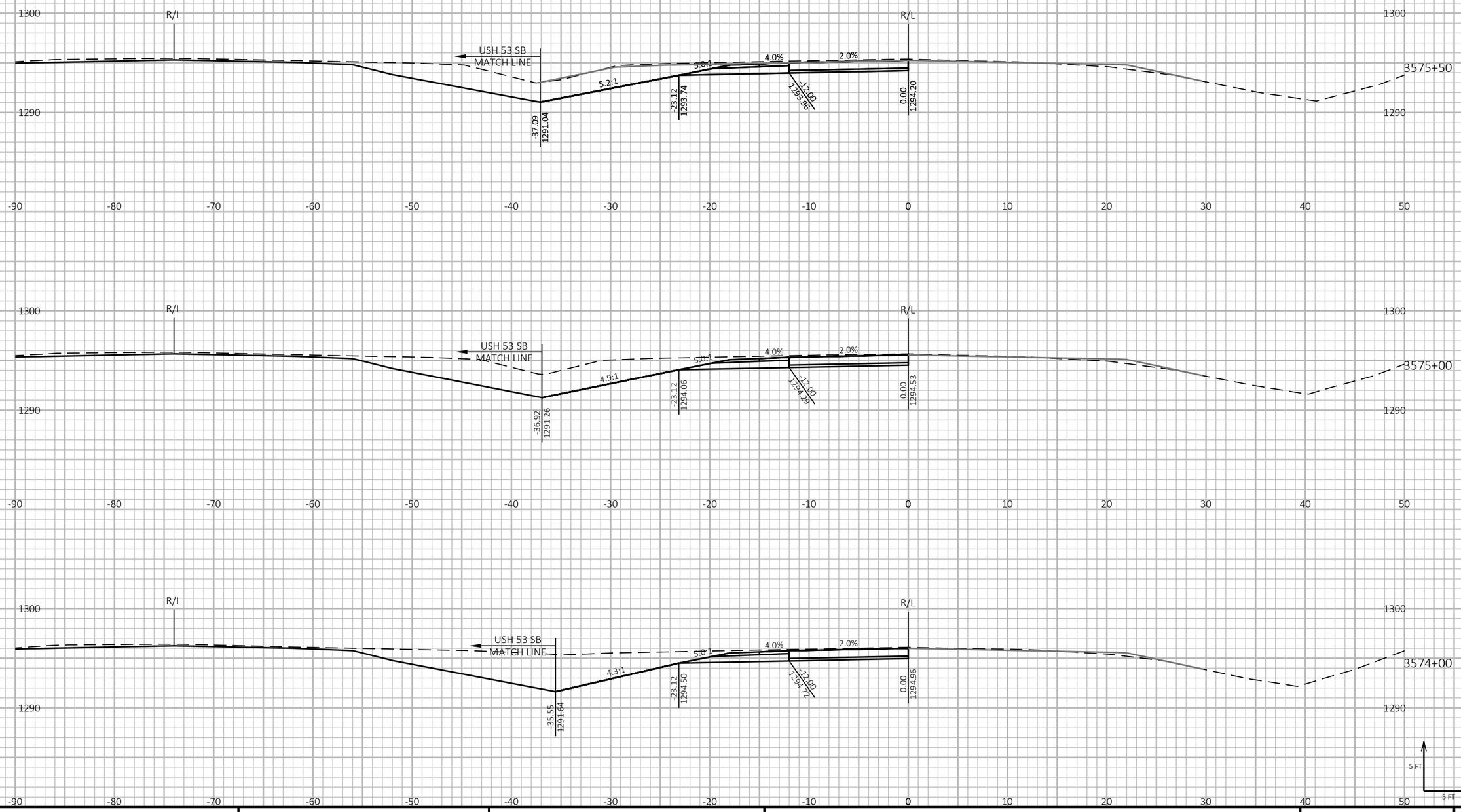
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LAYOUT NAME - 06

PLOT DATE : 2/23/2022 6:28 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 NB - STAGE 5	SHEET 1220	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090245-XS-S5.DWG
LAYOUT NAME - 07

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PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

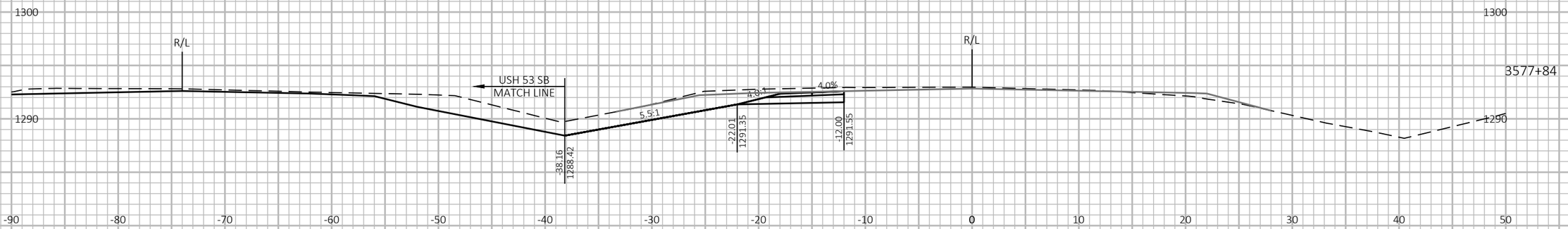
WISDOT/CADDS SHEET 49

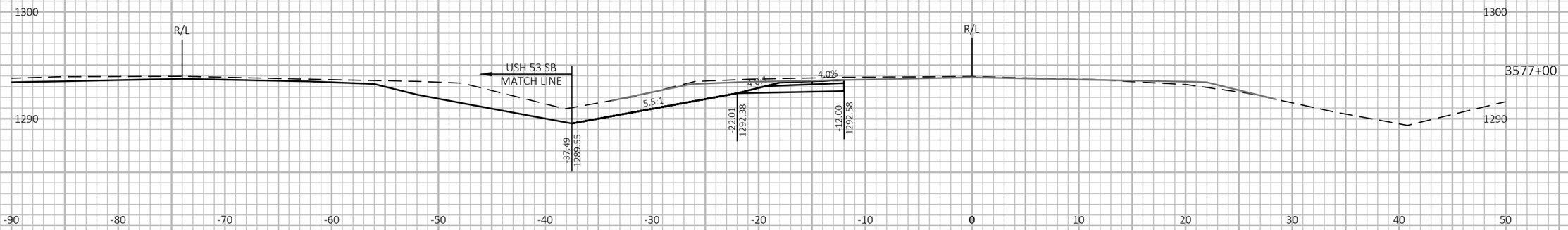
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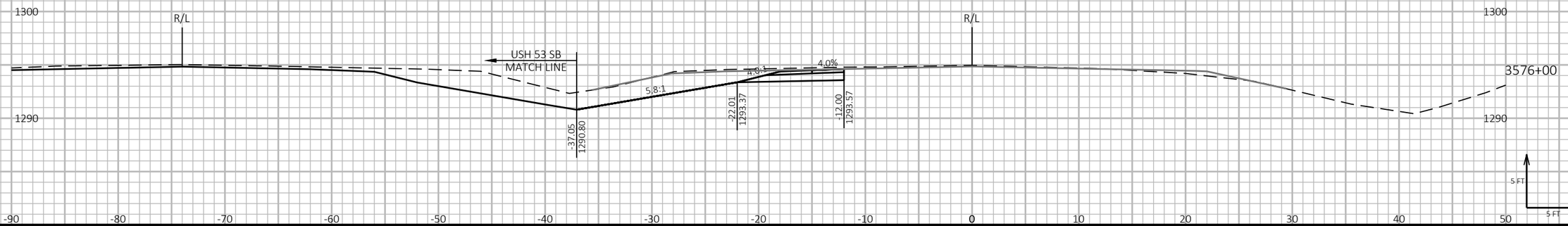
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LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 NB - STAGE 5	SHEET 1221	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090245-XS-S5.DWG
LAYOUT NAME - 08

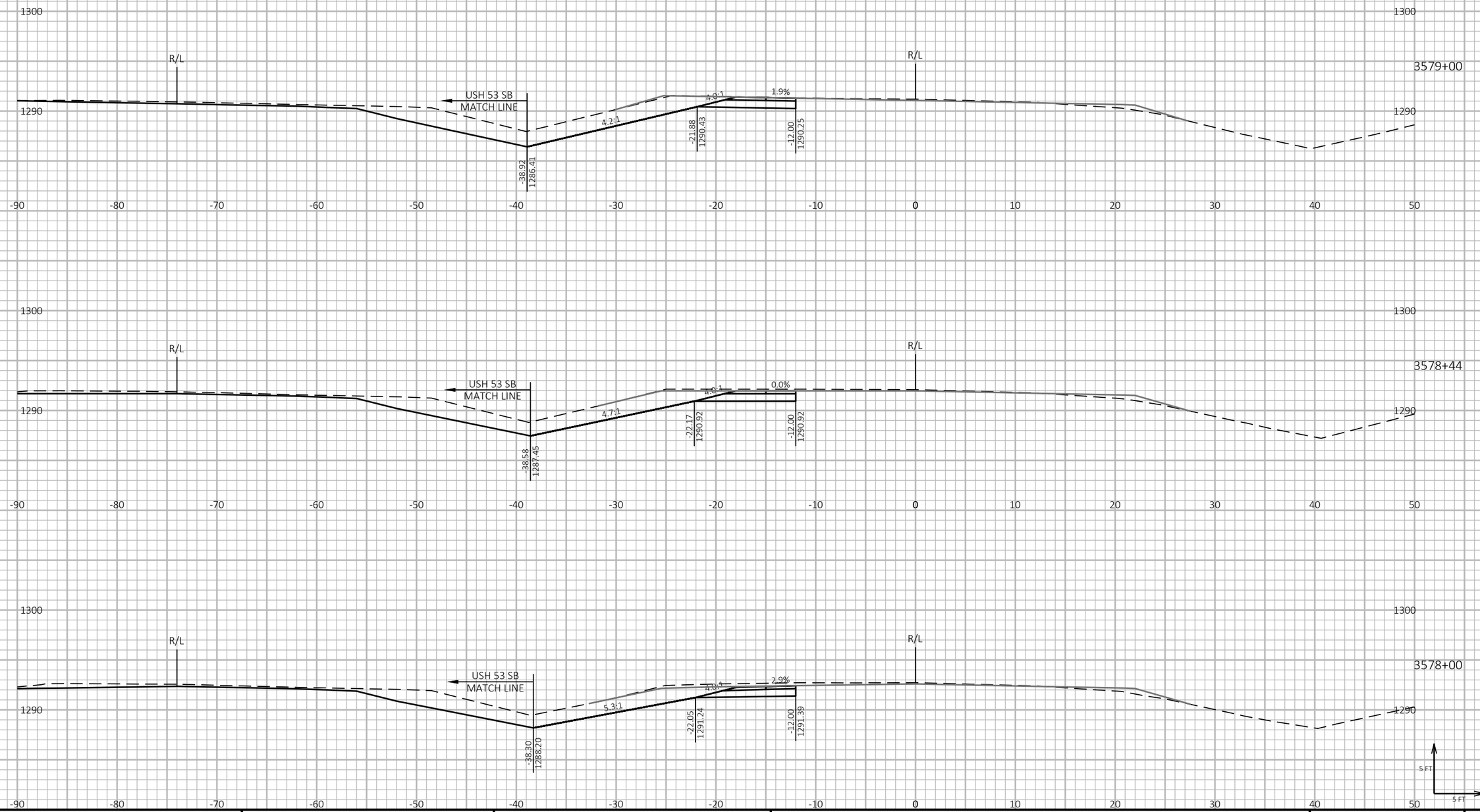
PLOT DATE : 2/23/2022 6:29 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 NB - STAGE 5	SHEET 1222	E

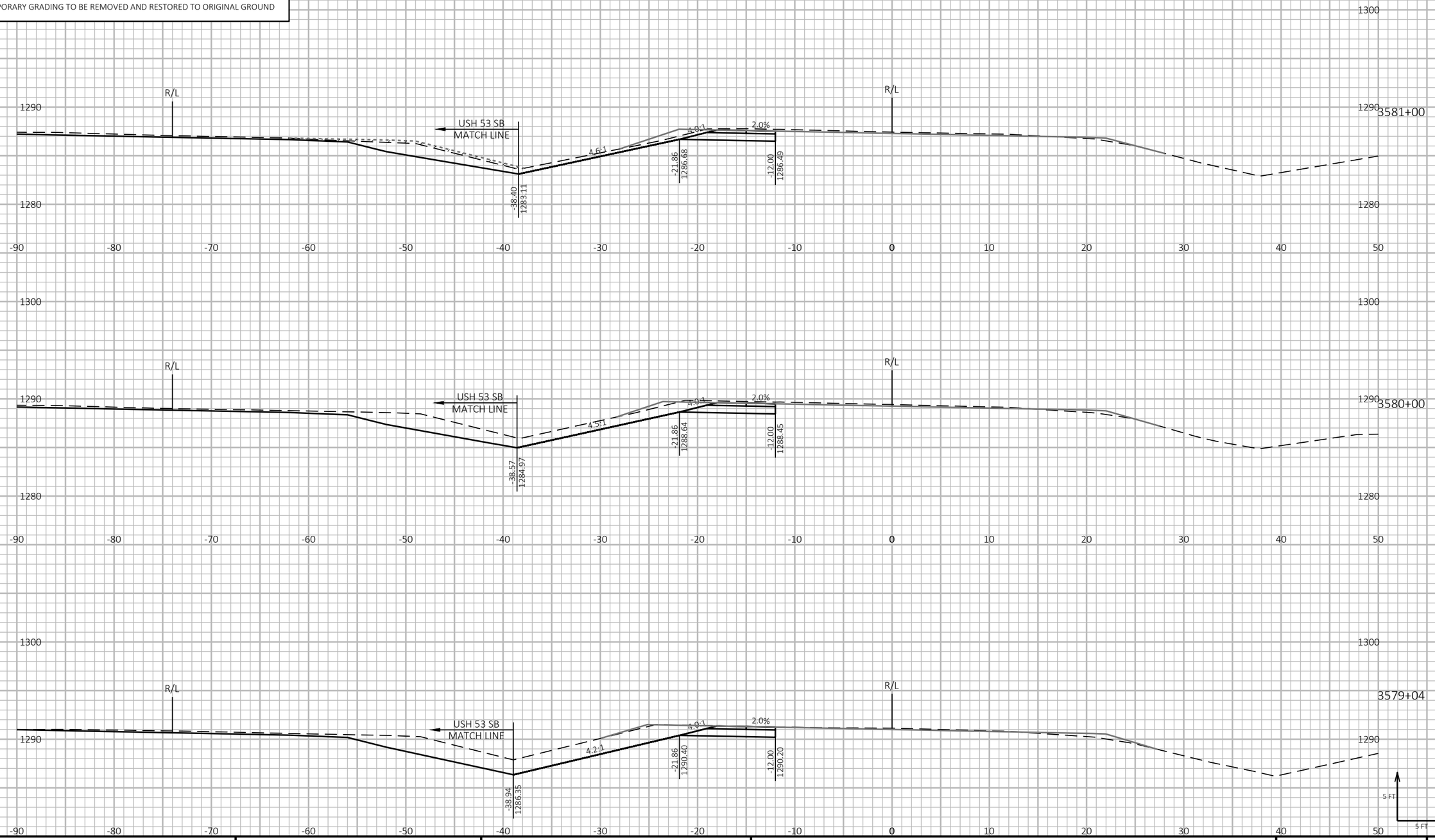
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LAYOUT NAME - 09

PLOT DATE : 2/23/2022 6:29 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 NB - STAGE 5	SHEET 1223	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090245-XS-S5.DWG
LAYOUT NAME - 10

PLOT DATE : 2/23/2022 6:29 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

LEGEND

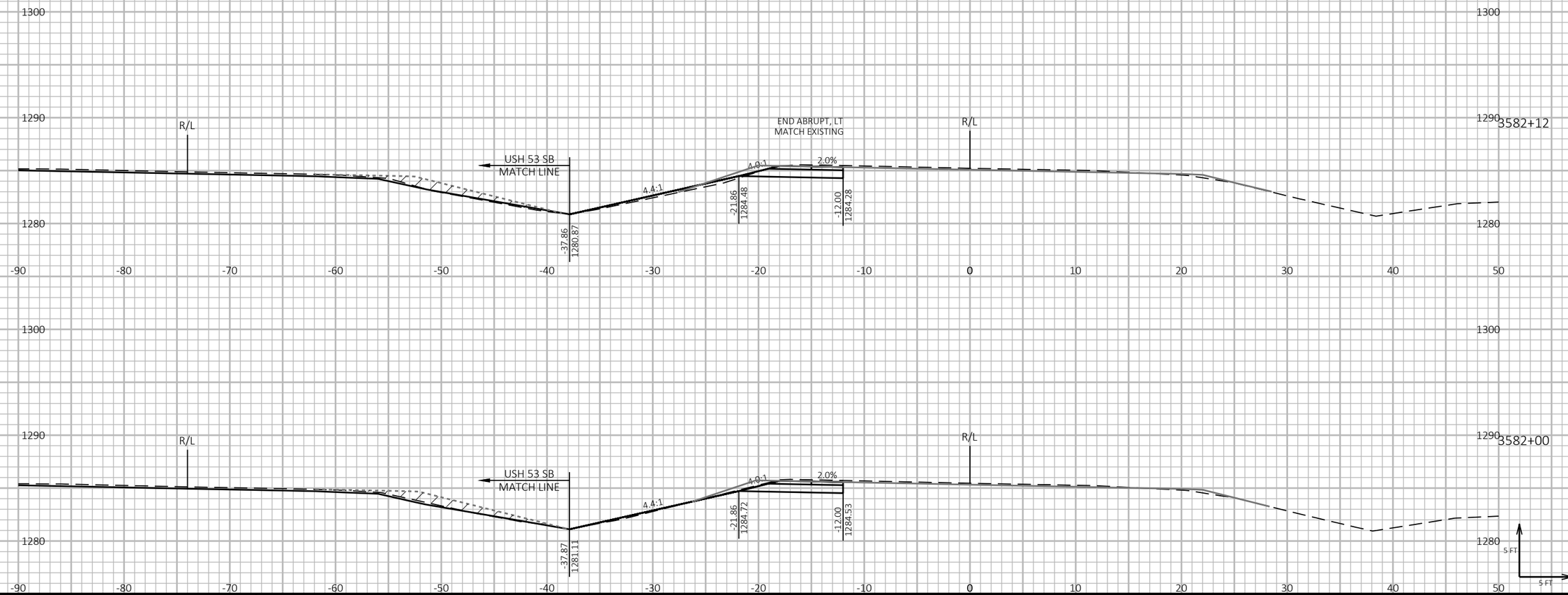
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS: USH 53 NB - STAGE 5	SHEET 1224	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090245-XS-S5.DWG
LAYOUT NAME - 11

PLOT DATE : 2/23/2022 6:30 PM PLOT BY : AUSTIN STRAHL PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

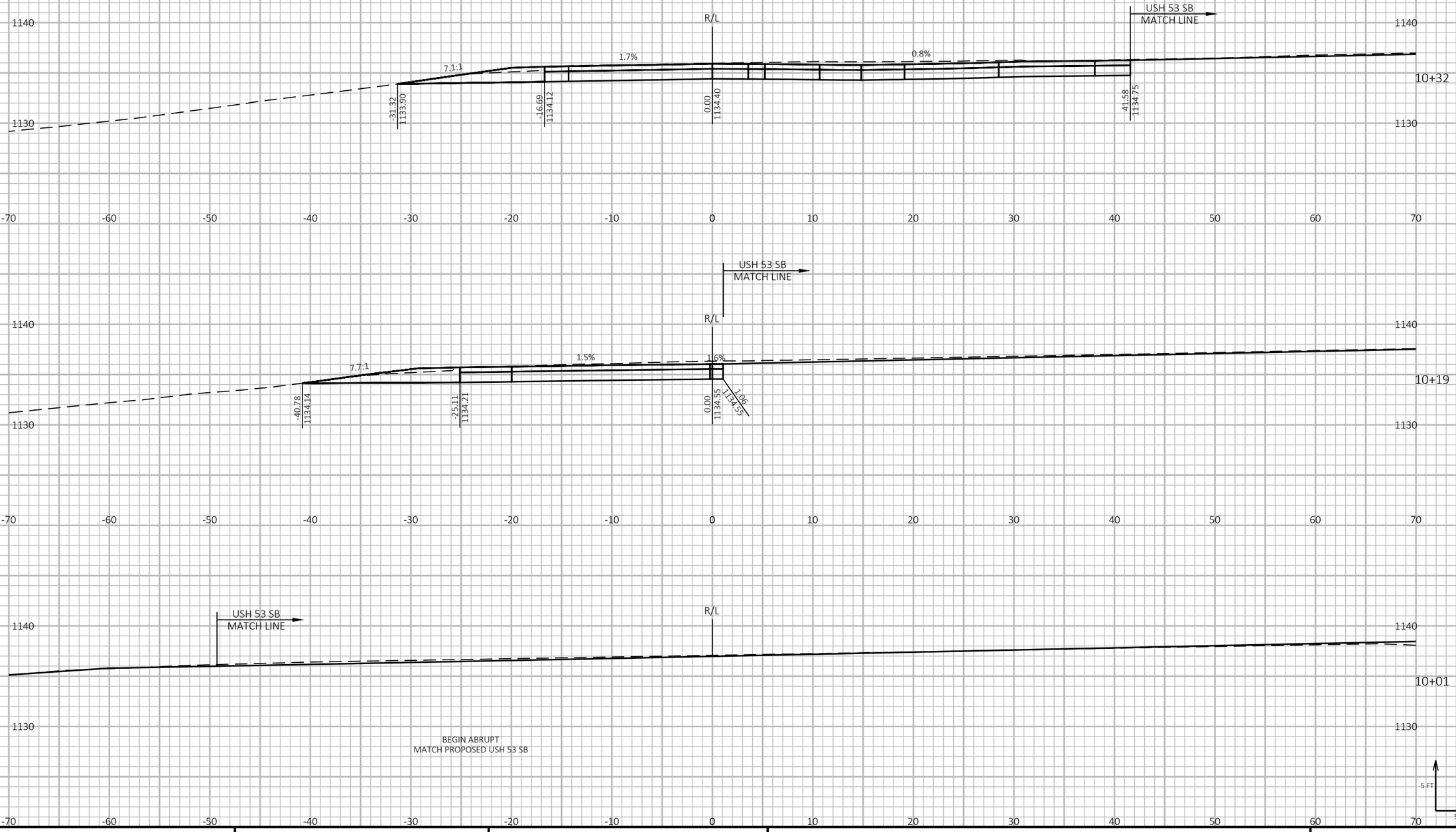
WISDOT/CADDS SHEET 49

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LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB - MAINTENANCE CROSSOVER - STAGE 5	SHEET 1225	E

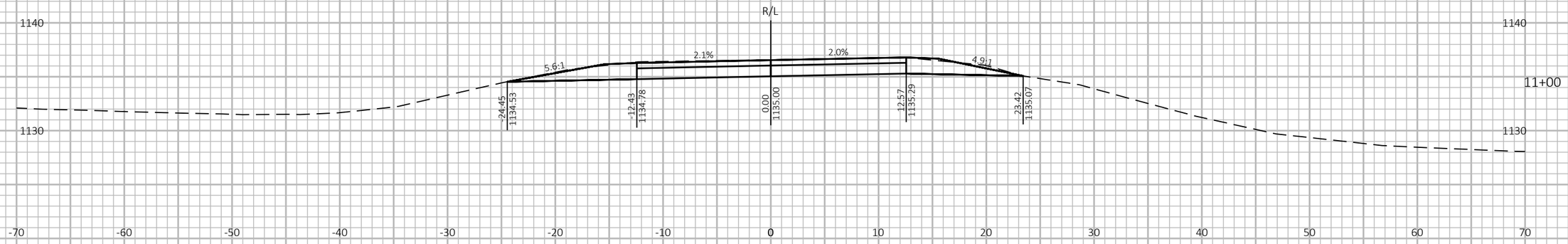
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LAYOUT NAME - 01

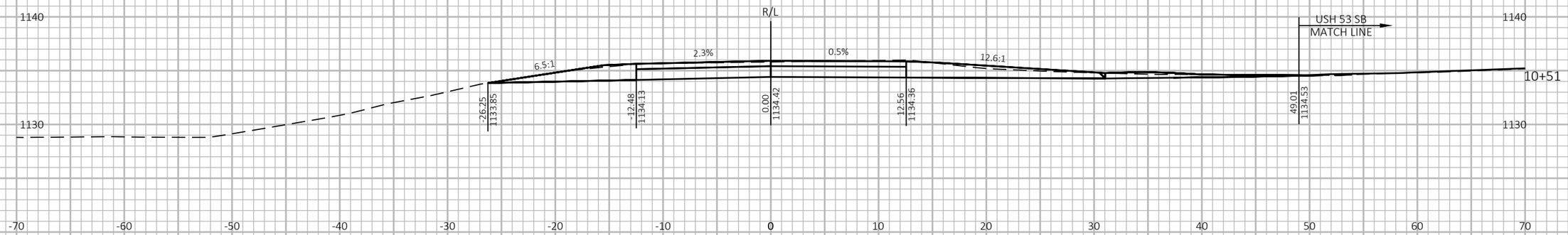
PLOT DATE : 2/23/2022 6:34 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

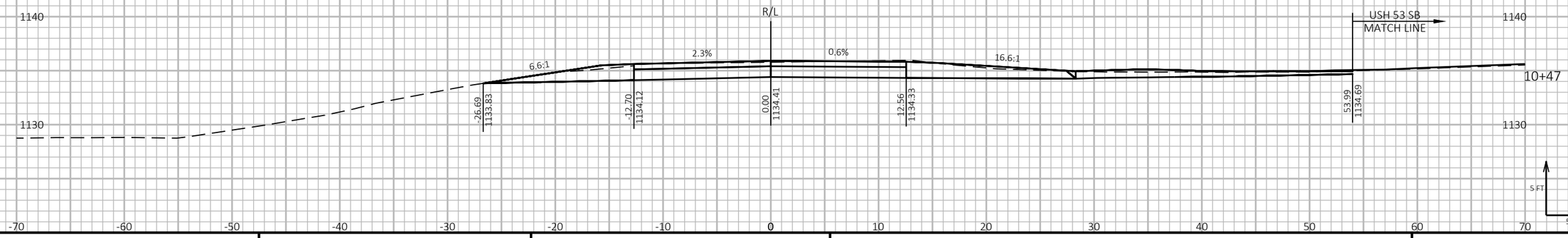
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB - MAINTENANCE CROSSOVER - STAGE 5	SHEET 1226	E

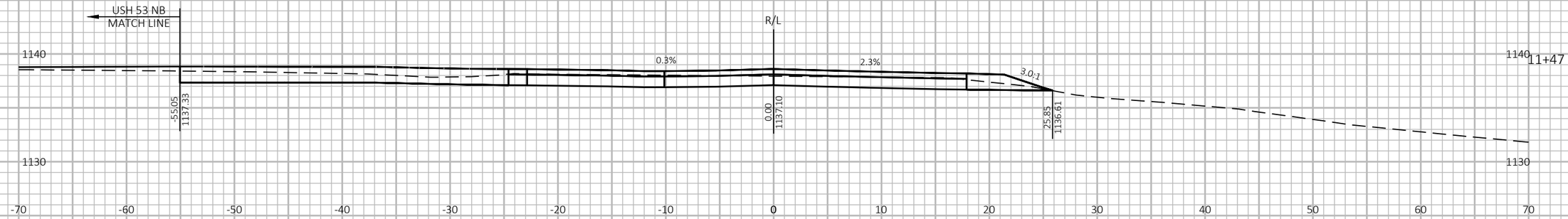
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LAYOUT NAME - 02

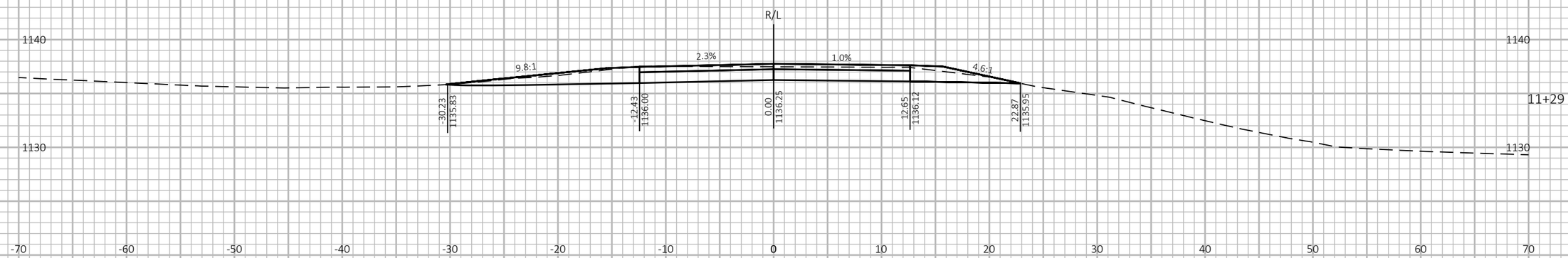
PLOT DATE : 2/23/2022 6:34 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

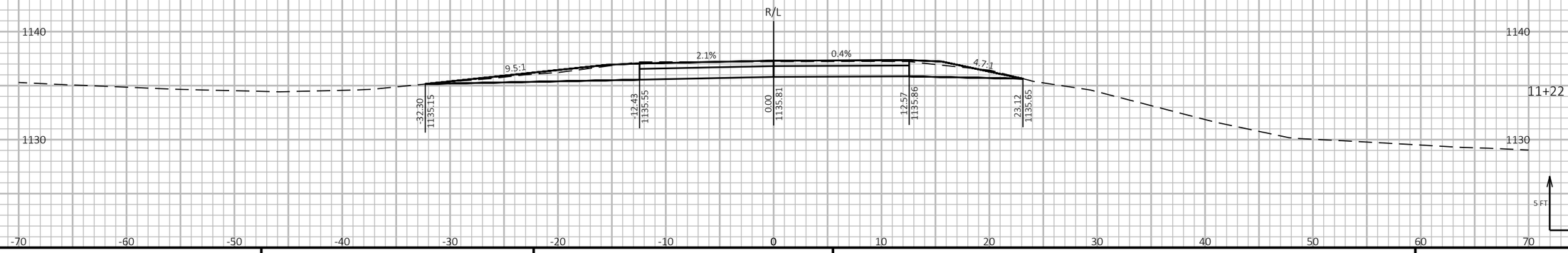
WISDOT/CADDS SHEET 49

LEGEND

- EXISTING GROUND
- STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)
- STAGE 4 & 5 CONSTRUCTION
- TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND







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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB - MAINTENANCE CROSSOVER - STAGE 5	SHEET 1227	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090246-XS-S5.DWG
LAYOUT NAME - 03

PLOT DATE : 2/23/2022 6:34 PM PLOT BY : AUSTIN STRAHL PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

LEGEND

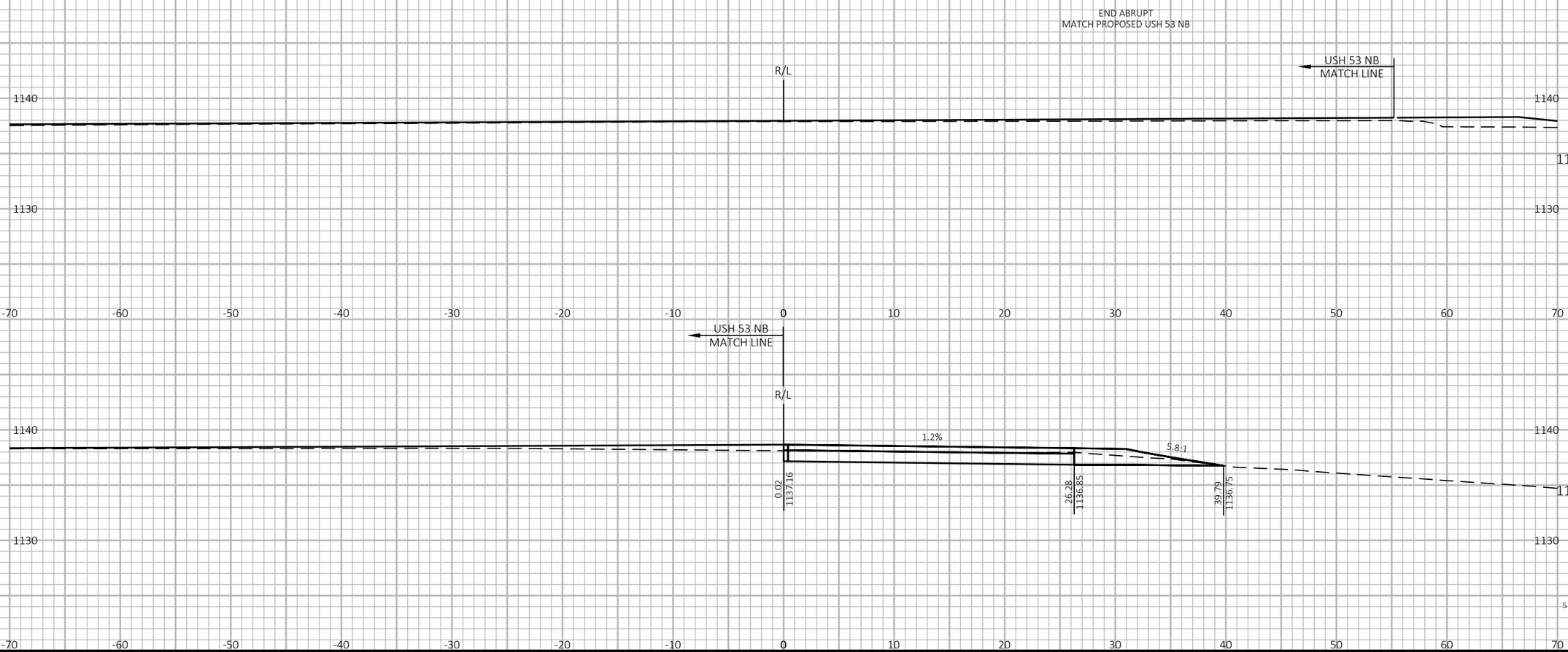
EXISTING GROUND

STAGE 1 TEMPORARY WIDENING SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 2 FINISHED SURFACE (PREVIOUSLY CONSTRUCTED)

STAGE 4 & 5 CONSTRUCTION

TEMPORARY GRADING TO BE REMOVED AND RESTORED TO ORIGINAL GROUND



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PROJECT NO: 1197-18-08/78	HWY: USH 53	COUNTY: WASHBURN	CROSS SECTIONS - USH 53 NB & SB - MAINTENANCE CROSSOVER - STAGE 5	SHEET 1228	E

FILE NAME : P:\50XX\5093.DP.18.USH53.BAR-WBN\CADDS\11971878_N\SHEETSPLAN\090246-XS-S5.DWG
LAYOUT NAME - 04

PLOT DATE : 2/23/2022 6:35 PM

PLOT BY : AUSTIN STRAHL

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

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