SUP

WITH:

PROJECT ID: **8822-00-71**

NOVEMBER 2022

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
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 = 162

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
8822-00-71	WISC 2023056	1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

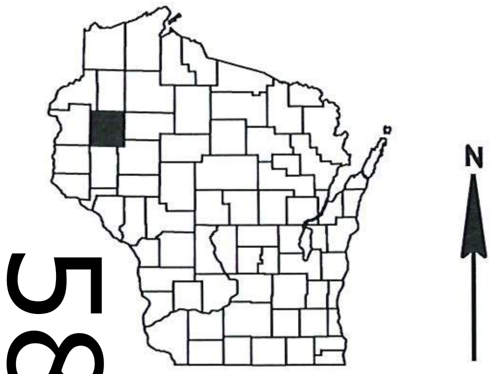
PRAIRIE FARM - ALMENA

CTH A NORTH TO 7TH AVE

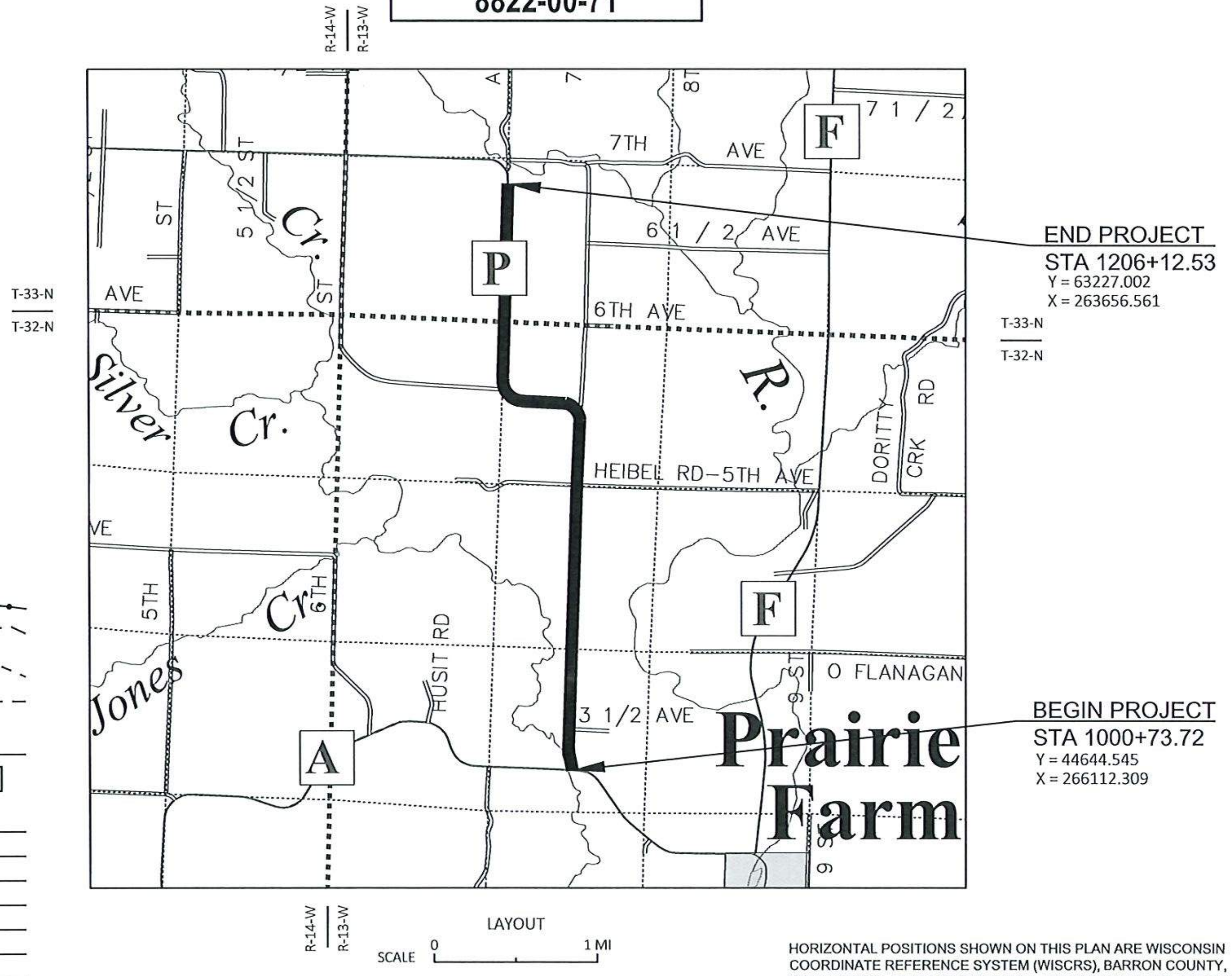
CTH P

BARRON COUNTY

STATE PROJECT NUMBER
8822-00-71



58



END PROJECT
STA 1206+12.53
Y = 63227.002
X = 263656.561

BEGIN PROJECT
STA 1000+73.72
Y = 44644.545
X = 266112.309

TOTAL NET LENGTH OF CENTERLINE = 3.890 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), BARRON COUNTY, NAD83 (2011), 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 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

DESIGN DESIGNATION

A.A.D.T. 2024 = 505
A.A.D.T. 2044 = 690
D.H.V. = 70
D.D. = 50/50
T. = 10%
DESIGN SPEED = 55 MPH
ESALS = 260,000

COUNTY: **BARRON**

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
- 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 ∅

ACCEPTED FOR
BARRON COUNTY

Date 7/28/2022 (Signature and Title of Official)

Original Plans Prepared by

SEH

MATTHEW G. VAN NATTA
E-46243-6
RICE LAKE
WI

(Signature) 7/28/22 (Date)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SEH
Designer	SEH
Project Manager	PAULA GROOM
Regional Examiner	TOU YANG
Regional Supervisor	TYLER RONGSTAD

APPROVED FOR THE DEPARTMENT

DATE: 08/01/22 Paula Groom
(Signature)

E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\010101_TI_CTH P.DWG PLOT DATE : 7/28/2022 8:08 AM PLOT BY : DUSTIN SCHUH PLOT NAME :

STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AC	ACRE
AGG	AGGREGATE
AECPRC	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
AECPCS	APRON ENDWALL FOR CULVERT PIPE CORRUGATED STEEL
ASPH	ASPHALTIC
AVG	AVERAGE
ADT	AVERAGE DAILY TRAFFIC
BF	BACK FACE
BM	BENCH MARK
BR	BRIDGE
CE	COMMERCIAL ENTRANCE
C/L	CENTER LINE
Δ	CENTRAL ANGLE OR DELTA
COB	CENTER OF BARRIER
CONC	CONCRETE
CMCP	CORRUGATED METAL CULVERT PIPE
CPCP	CORRUGATED PLASTIC CULVERT PIPE
CPCSAC	CULVERT PIPE CORRUGATED STEEL ALUMINUM COATED
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
CR	CREEK
CY	CUBIC YARD
C&G	CURB AND GUTTER
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DISCH	DISCHARGE
DG	DITCH GRADE
DWY	DRIVEWAY
X	EAST GRID COORDINATE
EAT	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
EOR	END POINT OF RADIUS
EL	ELEVATION
ENT	ENTRANCE
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
FC	FACE OF CURB
FF	FACE TO FACE
FERT	FERTILIZE
FE	FIELD ENTRANCE
FL	FLOW LINE
FO	FIBER OPTIC

CWT	HUNDREDWEIGHT
HYD	HYDRANT
ID	INSIDE DIAMETER
INV	INVERT
IP	IRON PIPE ON PIN
LHF	LEFT-HAND FORWARD
L	LENGTH OF CURVE
LF	LINEAR FOOT
LC	LONG CHORD OF CURVE
LS	LUMP SUM
MH	MANHOLE
MOR	MID POINT OF RADIUS
NC	NORMAL CROWN
NO	NUMBER
OBLIT	OBLITERATE
PAVT	PAVEMENT
PACSAC	PIPE ARCH CORRUGATED STEEL ALUMINUM COATED
PE	PRIVATE ENTRANCE
PVRC	POINT OF VERTICAL REVERSE CURVE
QOR	QUARTER POINT OF RADIUS
R	RADIUS
REQ'D	REQUIRED
RES	RESIDENCE OR RESIDENTIAL
RHF	RIGHT-HAND FORWARD
R/W	RIGHT-OF-WAY
R	RIVER
RDWY	ROADWAY
R/L	REFERENCE LINE
SALV	SALVAGED
SAN	SANITARY SEWER
SF	SQUARE FEET
SY	SQUARE YARD
SDD	STANDARD DETAIL DRAWINGS
STA	STATION
SS	STORM SEWER
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SE	SUPERELEVATION RATE
TC	TOP OF CURB
T OR TN	TOWN
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
VAR	VARIABLE
VC	VERTICAL CURVE
Y	NORTH GRID COORDINATE
YD	YARD

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

DESIGN CONTACT

SHORT ELLIOTT HENDRICKSON INC
10 NORTH BRIDGE STREET
CHIPPEWA FALLS WI 54729-2550
TELEPHONE: 715.720.6291
ATTENTION: TARA KRISTA
EMAIL: TKRISTA@SEHINC.COM

DNR AREA LIAISON

WI DEPT OF NATURAL RESOURCES
DNR NORTHERN REGIONAL HQ
810 W MAPLE STREET
SPOONER, WI 54801
TELEPHONE: 715.635.4228
ATTENTION: SHAWN HASELEU
EMAIL: SHAWN.HASELEU@WISCONSIN.GOV

UTILITY CONTACT LIST

XCEL ENERGY - ELECTRICITY DISTRIBUTION

1414 WEST HAMILTON AVENUE
PO BOX 8
EAU CLAIRE, WI 54702-0008
TELEPHONE: 715.737.2482
ATTENTION: DAWN SCHULTZ
EMAIL: DAWN.SCHULTZ@XCELENERGY.COM

BARRON ELECTRIC - ELECTRICITY DISTRIBUTION

1434 STATE HWY 25 N
BARRON, WI 54812
TELEPHONE: 800-322-1008
ATTENTION: SUSAN DAU
EMAIL: SDAU@BARRONELECTRIC.COM

MOSAIC TELECOM - COMMUNICATION

401 S 1ST ST
PO BOX 664
CAMERON, WI 54822
TELEPHONE: 715-458-5378
ATTENTION: DENNIS RUSSETT
EMAIL: DRUSSETT@EXPERIENCEMOSAIC.COM

ORDER OF SECTION 2 SHEETS

GENERAL NOTES
TYPICAL SECTIONS
ALIGNMENT (SUPERELEVATION TRANSITIONS)
CONSTRUCTION DETAILS
EROSION CONTROL
PERMANENT SIGNING

GENERAL NOTES

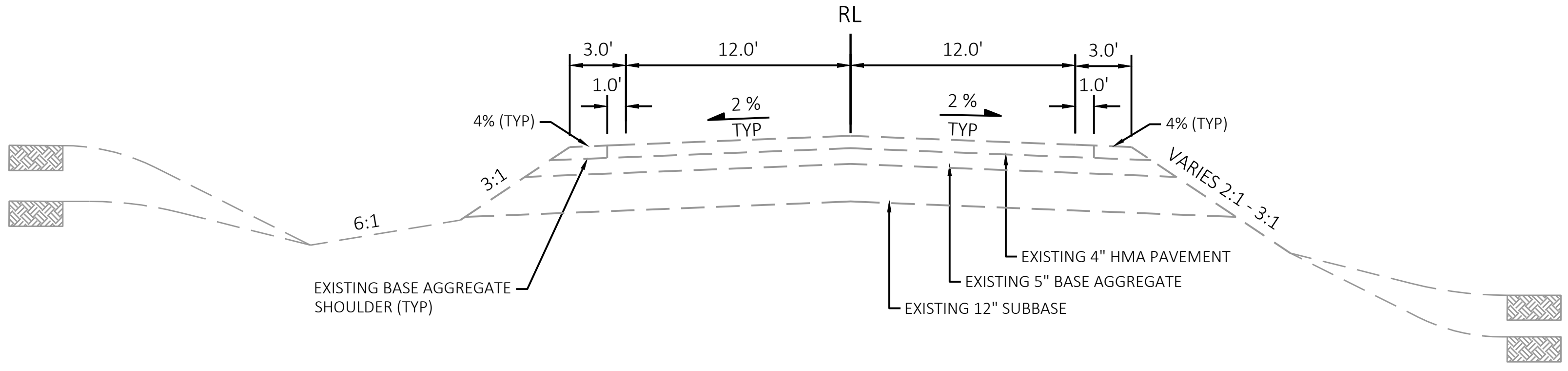
1. NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
2. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
3. THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.
4. PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, THE CONTRACTOR SHALL VERIFY RELATED DRAINAGE INFORMATION IN THE PLANS WITH THE ENGINEER.
5. JOINT TIES WILL BE REQUIRED ON THE ENDWALL AND LAST 2 SECTIONS PER SDD "APRON EDWALLS FOR CULVERT PIPES" ON ALL CULVERT PIPES.
6. INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES SHOWN ON THE PLAN MAY BE ADJUSTED BY THE ENGINEER TO FIT FIELD CONDITIONS.
7. WETLANDS, WATERWAYS, AND OTHER ENVIRONMENTALLY SENSITIVE AREAS SHALL BE PROTECTED AT ALL TIMES. DO NOT STORE EQUIPMENT OR MATERIALS NEAR THESE SITES UNLESS APPROVED BY THE ENGINEER.
8. BROKEN CONCRETE CONTAINING RE-BAR SHALL NOT BE USED AS RIPRAP.
9. CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED. TOPSOIL SHALL BE REPLACED WITH 4-INCH TYPICAL DEPTH.
10. PROJECT TO BE COMPLETED UNDER FULL CLOSURE. SEE SDD "BARRICADES AND SIGNS FOR VARIOUS MAINLINE CLOSURES".
11. TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
12. THE EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
13. ASPHALTIC AND CONCRETE SURFACES SHALL BE SAWCUT AT THE MATCH LINE AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER.
14. DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE TOPSOILED, FERTILIZED AND SEEDED.
15. FERTILIZER SHALL NOT BE USED NEAR NAVIGABLE WATERWAYS OR WETLANDS.
16. A CONVERSION FACTOR OF 2.0 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR BASE AGGREGATE DENSE.
17. A CONVERSION FACTOR OF 112 LB/SY/IN IS USED TO ESTIMATE QUANTITIES FOR HMA.
18. AN APPLICATION RATE OF 0.07 GAL/SY IS USED TO ESTIMATE QUANTITIES FOR TACK COAT

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											

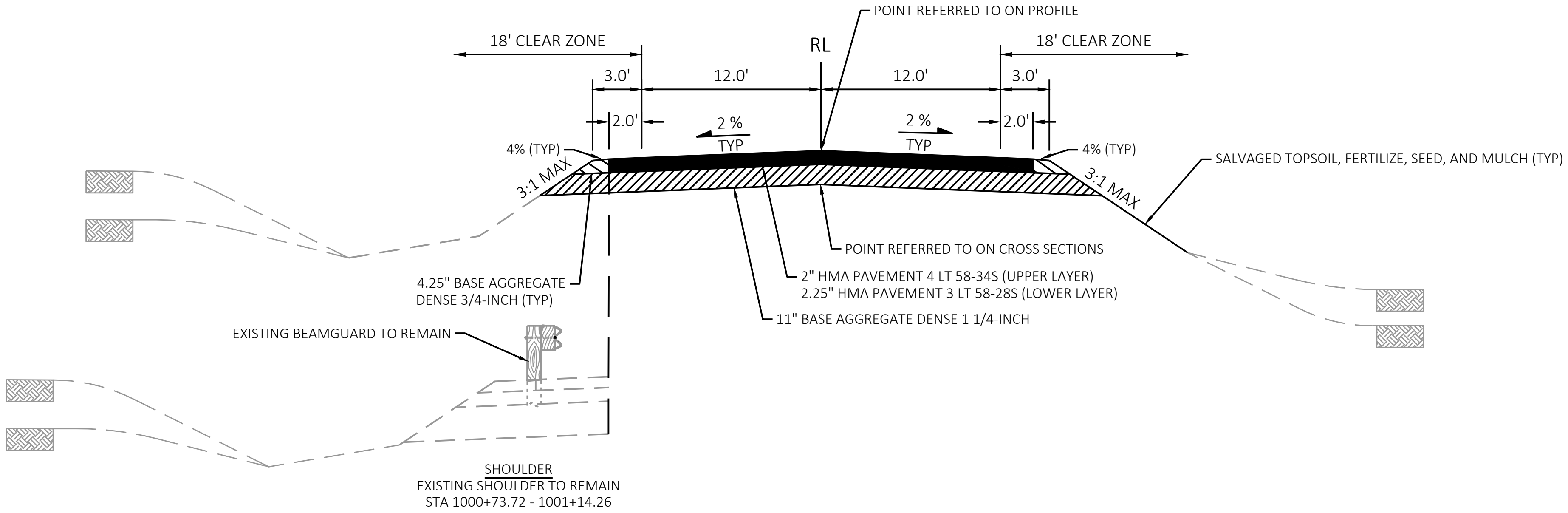
TOTAL PROJECT AREA = **47.8** ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = **21.8** ACRES

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	GENERAL NOTES	SHEET 2	E



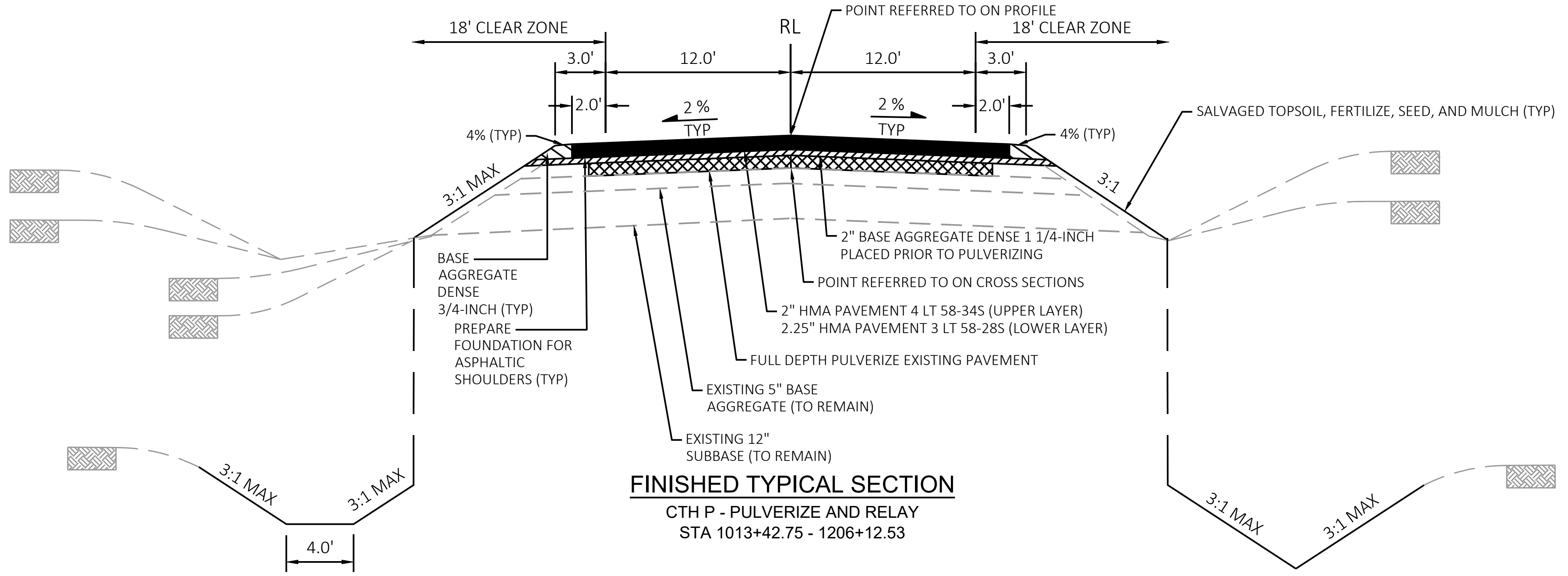
EXISTING TYPICAL SECTION

CTH P
STA 1000+73.72 - STA 1206+12.53



FINISHED TYPICAL SECTION

CTH P - FULL PAVEMENT STRUCTURE REPLACEMENT
STA 1000+73.72 - 1013+42.75



FINISHED TYPICAL SECTION

CTH P - PULVERIZE AND RELAY
STA 1013+42.75 - 1206+12.53

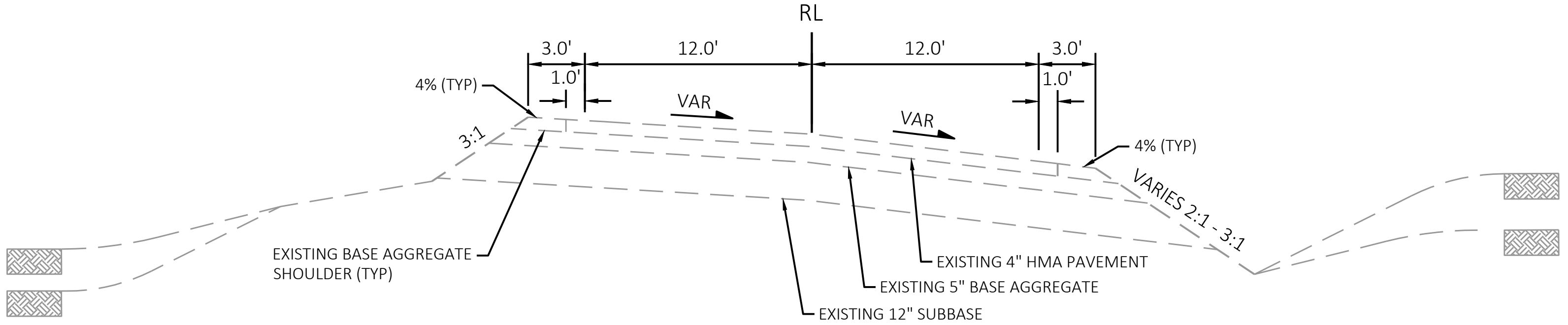
FLAT BOTTOM DITCH

STA 1118+85-1119+90
STA 1138+00 - 1140+55
STA 1179+50 -1180+90

V BOTTOM DITCH

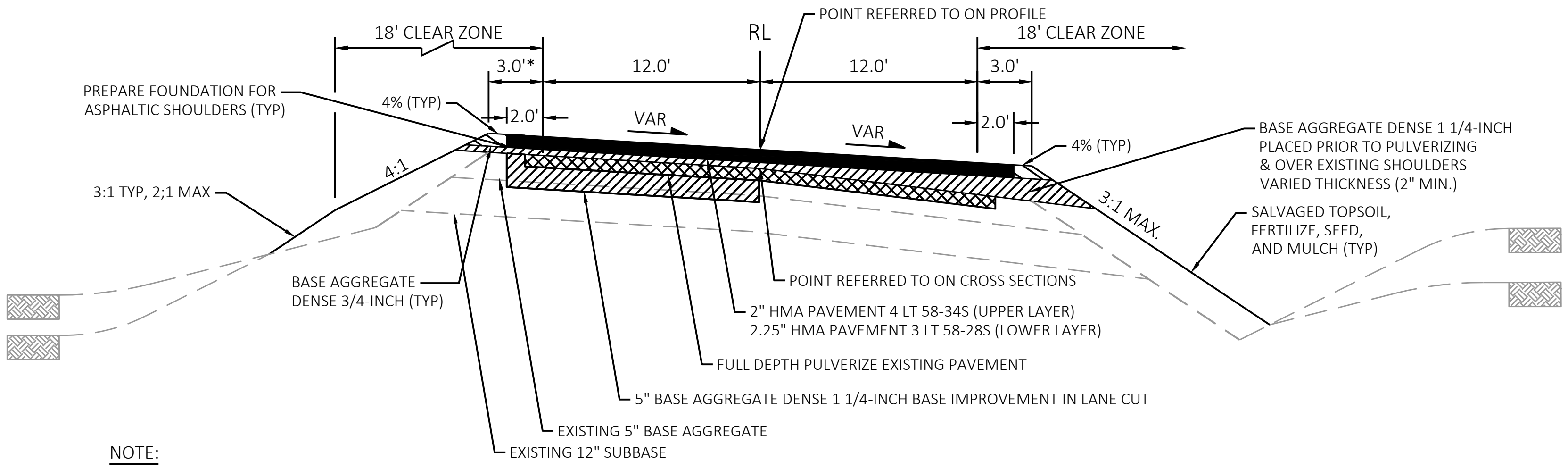
STA 1179+50 - 1181+35

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	TYPICAL SECTIONS	SHEET 4	E



EXISTING TYPICAL SUPERELEVATED SECTION

CTH P



NOTE:

* 5' FROM STA 1114+35 - STA 1116+80

FINISHED TYPICAL SUPERELEVATED SECTION

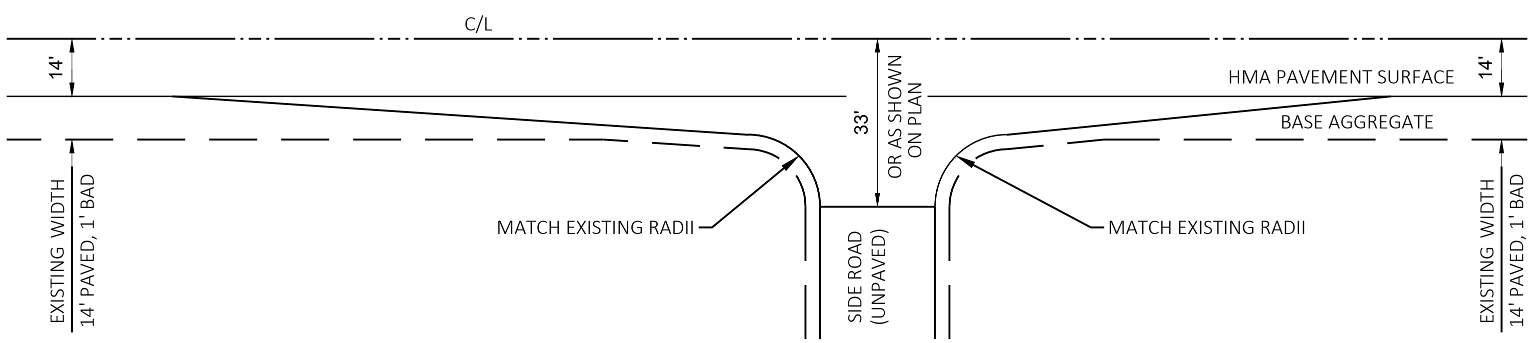
CTH P

SEE SUPERELEVATION TABLE

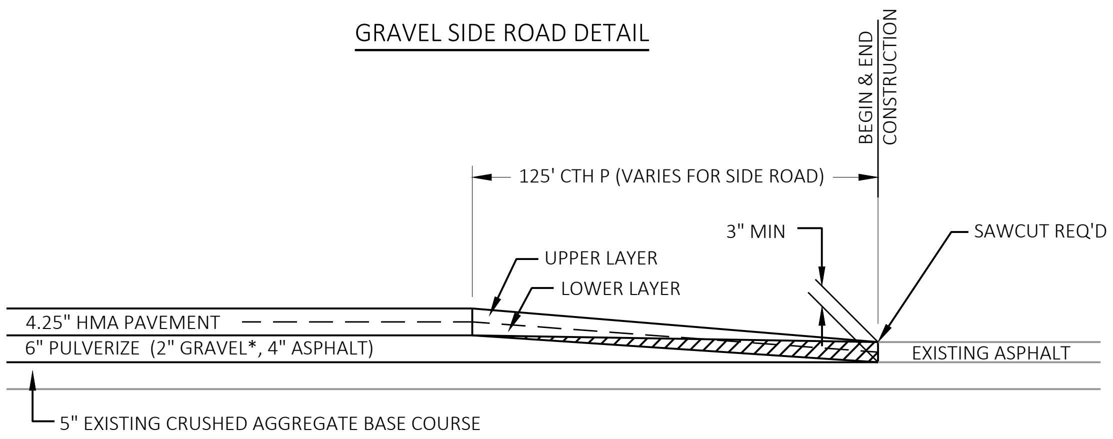
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	TYPICAL SECTIONS	SHEET 5	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\020301_TS_CTH P.DWG
LAYOUT NAME - 03
PLOT DATE : 8/12/2022 9:06 AM
PLOT BY : JONATHAN GILL
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

SUPERELEVATION REGION	STATION	DESCRIPTION	LEFT OUTSIDE SHOULDER	LEFT OUTSIDE LANE	RIGHT OUTSIDE SHOULDER	RIGHT OUTSIDE LANE
	1000+00.00'	BEGIN ALIGNMENT	-4.00%	-2.00%	-4.00%	-2.00%
1	1003+48.75'	END NORMAL SHOULDER	-4.00%	-2.00%	-4.00%	-2.00%
1	1003+48.75'	END NORMAL CROWN	-4.00%	-2.00%	-4.00%	-2.00%
1	1003+99.93'	LEVEL CROWN	0.00%	0.00%	-4.00%	-2.00%
1	1004+51.12'	REVERSE CROWN	2.00%	2.00%	-4.00%	-2.00%
1	1005+02.31'	LOW SHOULDER MATCH	4.00%	4.00%	-4.00%	-4.00%
1	1005+50.93'	BEGIN FULL SUPER	5.90%	5.90%	-5.90%	-5.90%
1	1007+52.71'	END FULL SUPER	5.90%	5.90%	-5.90%	-5.90%
1	1008+01.33'	LOW SHOULDER MATCH	4.00%	4.00%	-4.00%	-4.00%
1	1008+52.52'	REVERSE CROWN	2.00%	2.00%	-4.00%	-2.00%
1	1009+03.71'	LEVEL CROWN	0.00%	0.00%	-4.00%	-2.00%
1	1009+54.89'	BEGIN NORMAL CROWN	-4.00%	-2.00%	-4.00%	-2.00%
1	1009+54.89'	BEGIN NORMAL SHOULDER	-4.00%	-2.00%	-4.00%	-2.00%
2	1110+63.90'	END NORMAL SHOULDER	-4.00%	-2.00%	-4.00%	-2.00%
2	1110+63.90'	END NORMAL CROWN	-4.00%	-2.00%	-4.00%	-2.00%
2	1111+14.90'	LEVEL CROWN	-4.00%	-2.00%	0.00%	0.00%
2	1111+65.90'	REVERSE CROWN	-4.00%	-2.00%	2.00%	2.00%
2	1112+16.90'	LOW SHOULDER MATCH	-4.00%	-4.00%	4.00%	4.00%
2	1112+67.90'	BEGIN FULL SUPER	-6.00%	-6.00%	6.00%	6.00%
2	1121+82.45'	END FULL SUPER	-6.00%	-6.00%	6.00%	6.00%
2	1122+33.45'	LOW SHOULDER MATCH	-4.00%	-4.00%	4.00%	4.00%
2	1122+84.45'	REVERSE CROWN	-4.00%	-2.00%	2.00%	2.00%
2	1123+35.45'	LEVEL CROWN	-4.00%	-2.00%	0.00%	0.00%
2	1123+86.45'	BEGIN NORMAL CROWN	-4.00%	-2.00%	-4.00%	-2.00%
2	1123+86.45'	BEGIN NORMAL SHOULDER	-4.00%	-2.00%	-4.00%	-2.00%
3	1133+34.85'	END NORMAL SHOULDER	-4.00%	-2.00%	-4.00%	-2.00%
3	1133+34.85'	END NORMAL CROWN	-4.00%	-2.00%	-4.00%	-2.00%
3	1133+85.85'	LEVEL CROWN	0.00%	0.00%	-4.00%	-2.00%
3	1134+36.85'	REVERSE CROWN	2.00%	2.00%	-4.00%	-2.00%
3	1134+87.85'	LOW SHOULDER MATCH	4.00%	4.00%	-4.00%	-4.00%
3	1135+38.85'	BEGIN FULL SUPER	6.00%	6.00%	-6.00%	-6.00%
3	1144+40.10'	END FULL SUPER	6.00%	6.00%	-6.00%	-6.00%
3	1144+91.10'	LOW SHOULDER MATCH	4.00%	4.00%	-4.00%	-4.00%
3	1145+42.10'	REVERSE CROWN	2.00%	2.00%	-4.00%	-2.00%
3	1145+93.10'	LEVEL CROWN	0.00%	0.00%	-4.00%	-2.00%
3	1146+44.10'	BEGIN NORMAL CROWN	-4.00%	-2.00%	-4.00%	-2.00%
3	1146+44.10'	BEGIN NORMAL SHOULDER	-4.00%	-2.00%	-4.00%	-2.00%
	1209+07.17'	END ALIGNMENT	-4.00%	-2.00%	-4.00%	-2.00%



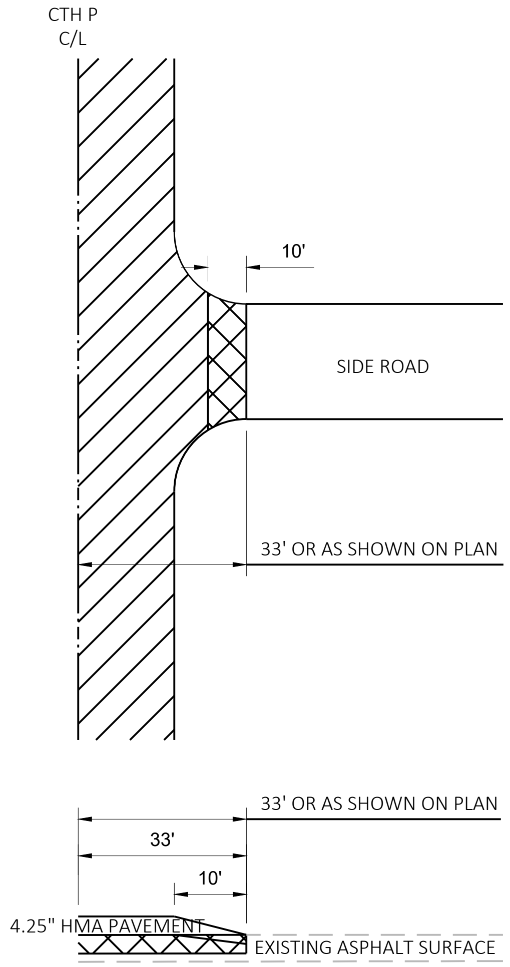
GRAVEL SIDE ROAD DETAIL



▨ REMOVING ASPHALTIC SURFACE BUTT JOINTS

* PLACE 2" BASE AGGREGATE DENSE 1 1/4-INCH PRIOR TO PULVERIZING

BUTT JOINT



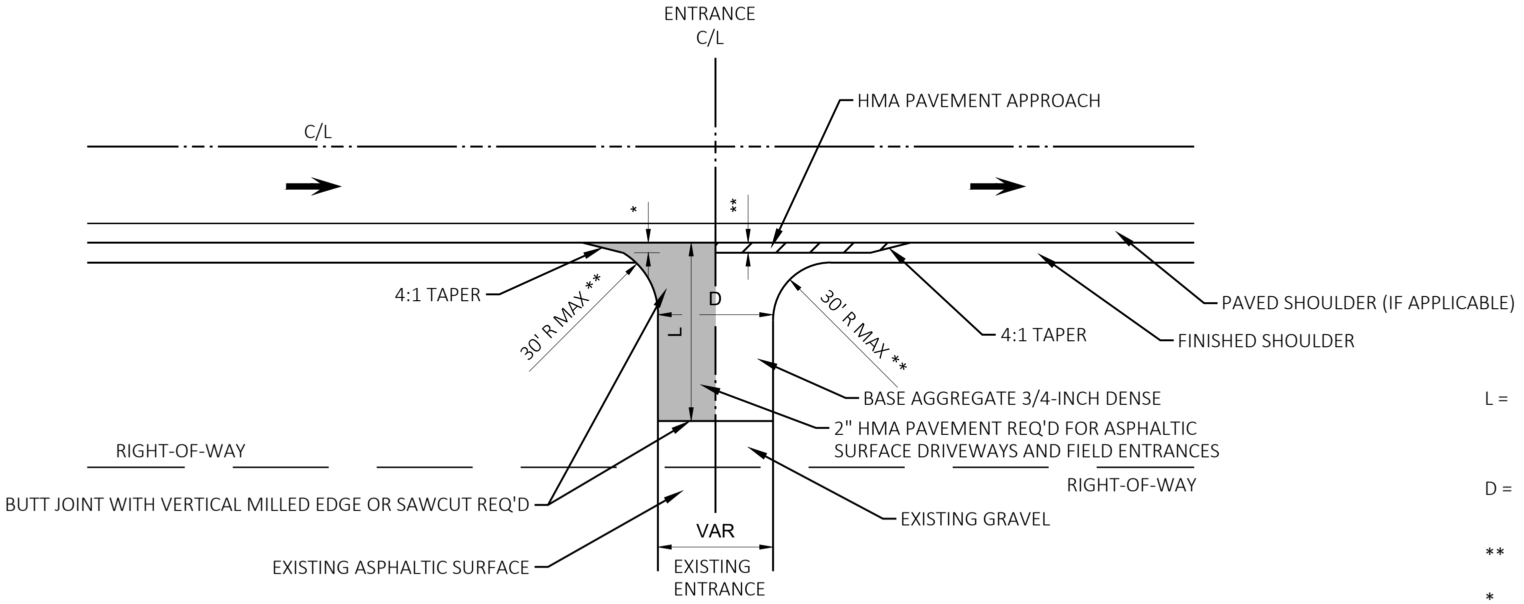
⊠ REMOVE MATERIAL UNDER ITEM "REMOVING ASPHALTIC SURFACE BUTT JOINTS" MATERIAL SHALL NOT BE REMOVED UNDER THIS ITEM UNTIL 24 HOURS BEFORE SIDE ROAD PAVING.

SIDE ROAD PAVEMENT DEPTH SHALL MATCH AT MAINLINE PAVEMENT EDGE AND BE TAPERED TO 2" MINIMUM AT JOINT.

ANY SAWCUT USED WILL BE CONSIDERED INCIDENTAL TO THE ITEM "REMOVING ASPHALTIC SURFACE BUTT JOINTS".

PAVEMENT TRANSITION

NOT TO SCALE



L = VARIABLE, EXACT LENGTH TO DE DETERMINED IN THE FIELD BY THE ENGINEER. BLEND BACK ON THE ENTRANCE FAR ENOUGH TO GET A SMOOTH PROFILE.

D = DRIVEWAY WIDTH (MATCH EXISTING SURFACE MATERIAL AND WIDTH).

** MATCH EXISTING RADIUS WHERE POSSIBLE.

* 3' MAX OR TO FINISHED SHOULDER WHICHEVER IS LESS.

RURAL DRIVEWAY DETAIL

(PE'S AND FE'S)

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CONSTRUCTION DETAILS	SHEET 7	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\021001_CD_CTH P.DWG
LAYOUT NAME - 01
PLOT DATE : 8/11/2022 6:39 PM
PLOT BY : JONATHAN GILL
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

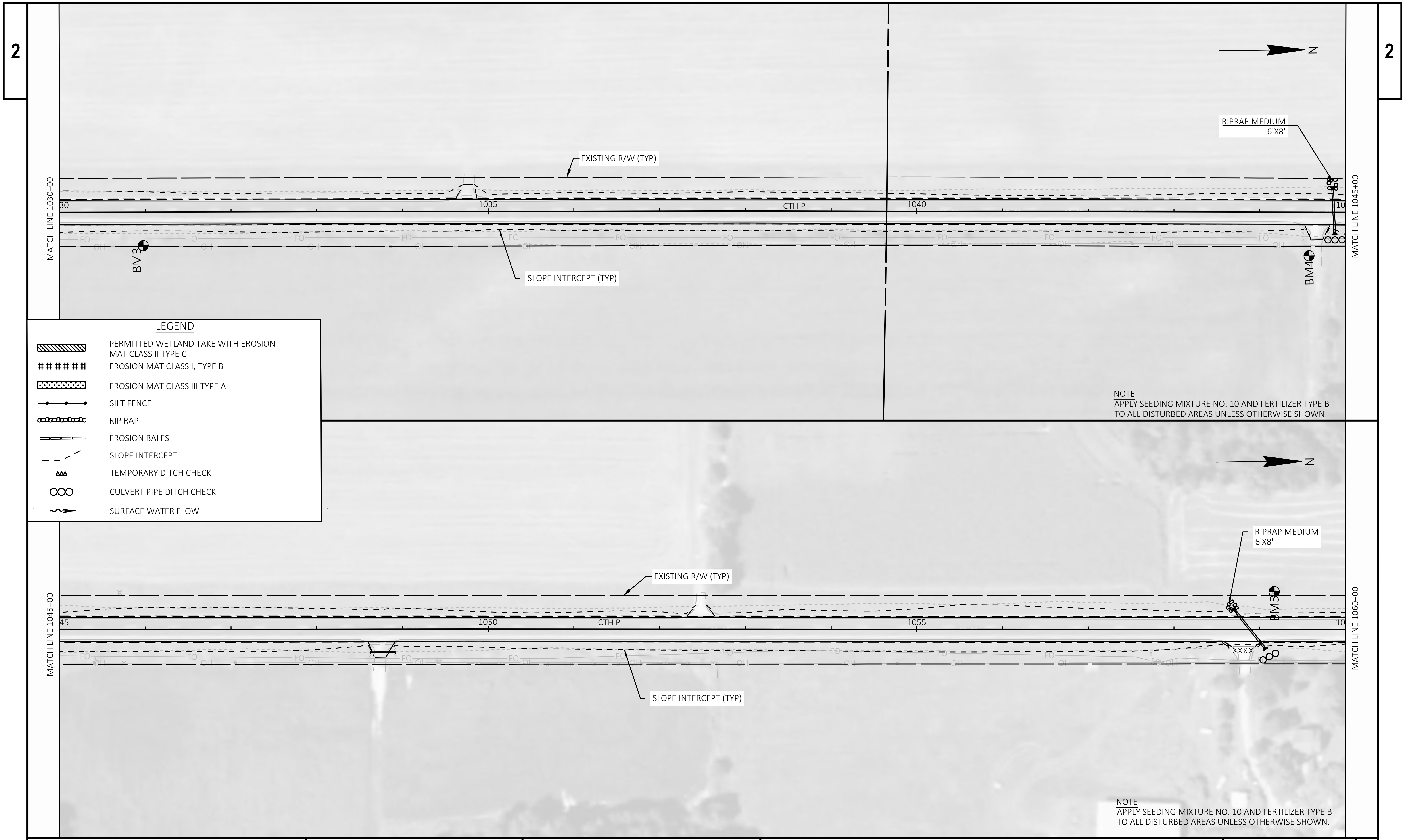
LEGEND

▨	PERMITTED WETLAND TAKE WITH EROSION MAT CLASS II TYPE C
# # # # # #	EROSION MAT CLASS I, TYPE B
▩	EROSION MAT CLASS III TYPE A
•—•—•	SILT FENCE
○○○○○	RIP RAP
▭▭▭	EROSION BALES
— — —	SLOPE INTERCEPT
▲▲▲	TEMPORARY DITCH CHECK
○○○	CULVERT PIPE DITCH CHECK
∿→	SURFACE WATER FLOW

NOTE
APPLY SEEDING MIXTURE NO. 10 AND FERTILIZER TYPE B
TO ALL DISTURBED AREAS UNLESS OTHERWISE SHOWN.

NOTE
APPLY SEEDING MIXTURE NO. 10 AND FERTILIZER TYPE B
TO ALL DISTURBED AREAS UNLESS OTHERWISE SHOWN.

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	EROSION CONTROL	SHEET 8	E



LEGEND

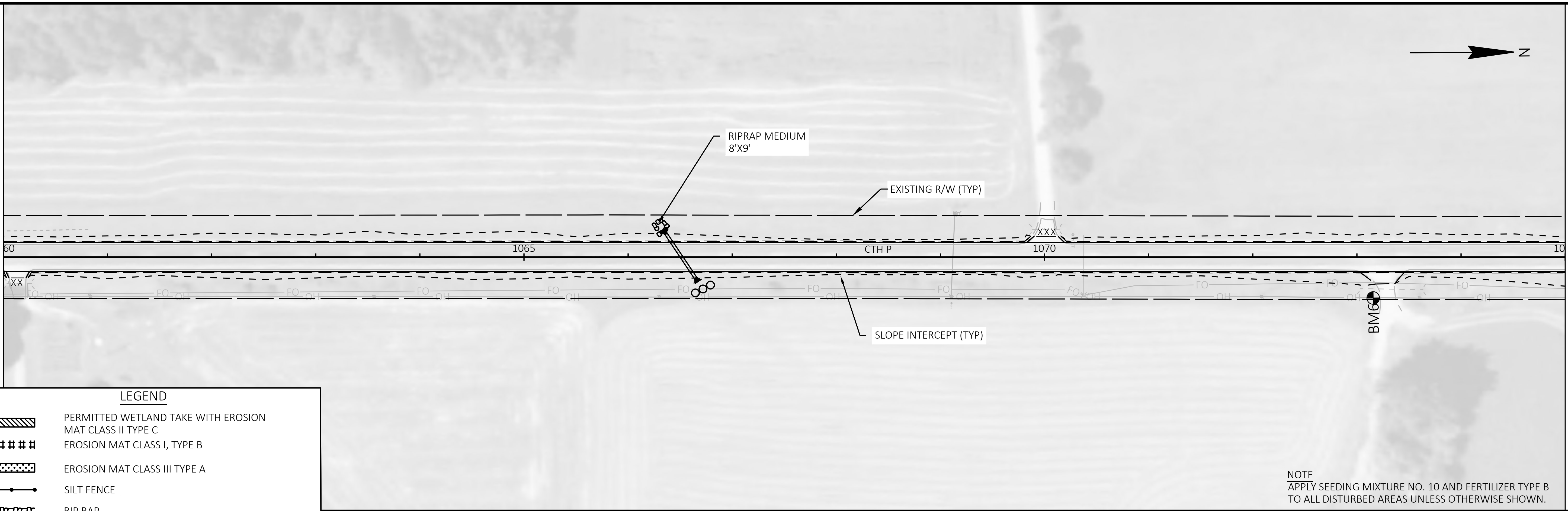
▨	PERMITTED WETLAND TAKE WITH EROSION MAT CLASS II TYPE C
# # # # # #	EROSION MAT CLASS I, TYPE B
▦	EROSION MAT CLASS III TYPE A
—•—•—	SILT FENCE
∞∞∞	RIP RAP
▭▭▭	EROSION BALES
— — /	SLOPE INTERCEPT
△△△	TEMPORARY DITCH CHECK
○○○	CULVERT PIPE DITCH CHECK
~→	SURFACE WATER FLOW

NOTE
APPLY SEEDING MIXTURE NO. 10 AND FERTILIZER TYPE B TO ALL DISTURBED AREAS UNLESS OTHERWISE SHOWN.

NOTE
APPLY SEEDING MIXTURE NO. 10 AND FERTILIZER TYPE B TO ALL DISTURBED AREAS UNLESS OTHERWISE SHOWN.

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	EROSION CONTROL	SHEET	E

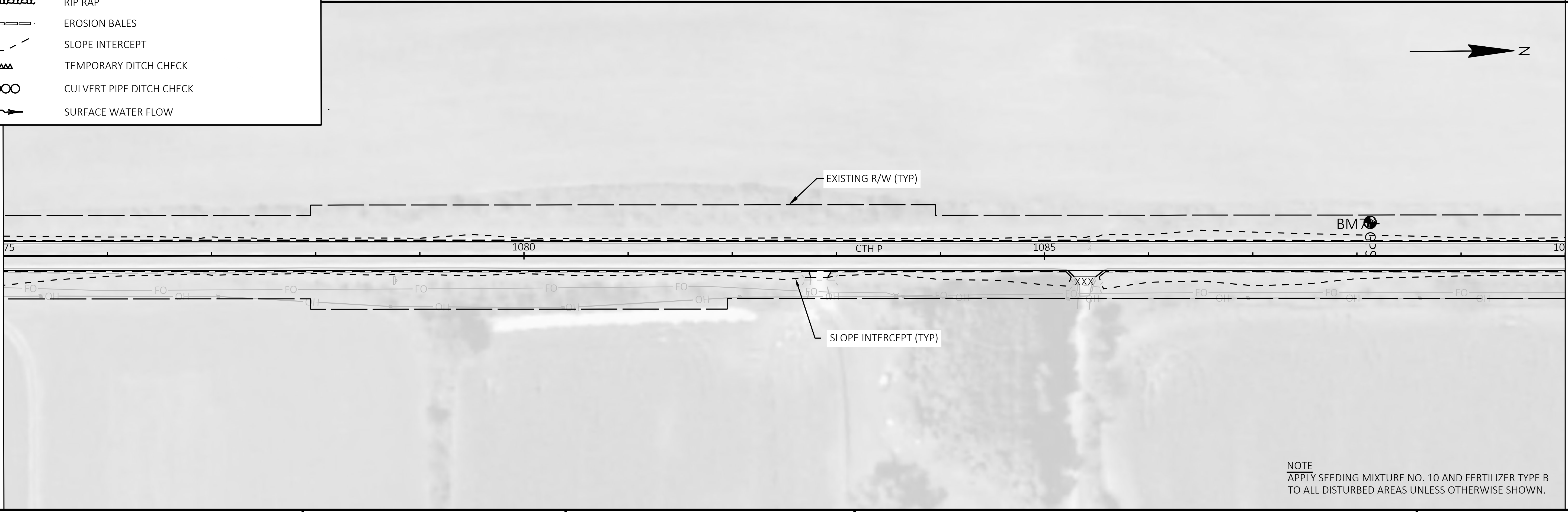
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\022001_EC_CTH P.DWG
LAYOUT NAME - 02
PLOT DATE : 9/26/2022 3:43 PM
PLOT BY : JONATHAN GILL
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



NOTE
APPLY SEEDING MIXTURE NO. 10 AND FERTILIZER TYPE B
TO ALL DISTURBED AREAS UNLESS OTHERWISE SHOWN.

LEGEND

▨	PERMITTED WETLAND TAKE WITH EROSION MAT CLASS II TYPE C
# # # # # #	EROSION MAT CLASS I, TYPE B
▒	EROSION MAT CLASS III TYPE A
—•—•—	SILT FENCE
○○○○	RIP RAP
▭▭▭▭	EROSION BALES
— —	SLOPE INTERCEPT
△△△	TEMPORARY DITCH CHECK
○○○	CULVERT PIPE DITCH CHECK
~→	SURFACE WATER FLOW



NOTE
APPLY SEEDING MIXTURE NO. 10 AND FERTILIZER TYPE B
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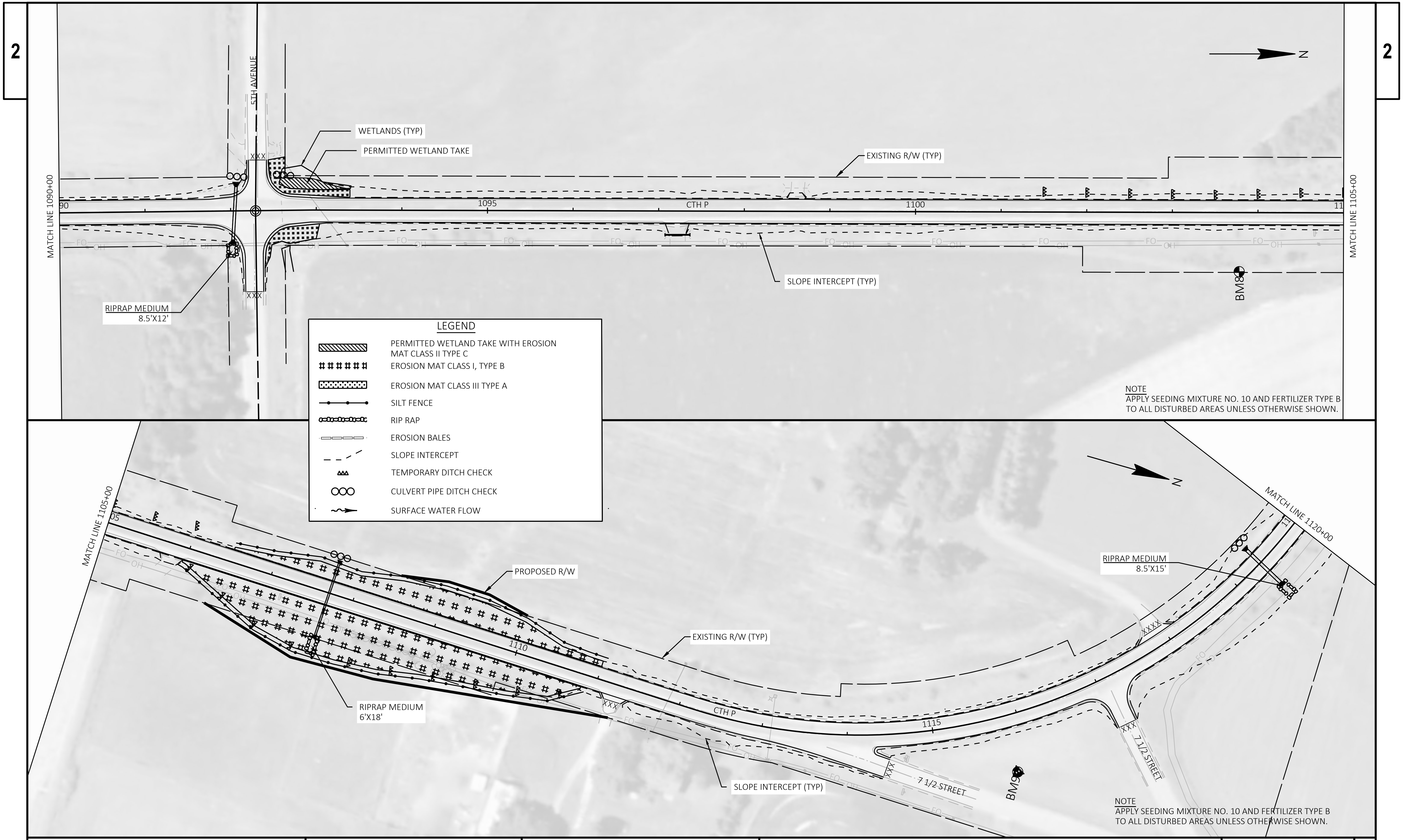
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	EROSION CONTROL	SHEET	E



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APPLY SEEDING MIXTURE NO. 10 AND FERTILIZER TYPE B TO ALL DISTURBED AREAS UNLESS OTHERWISE SHOWN.

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	EROSION CONTROL	SHEET 11	E

LEGEND

▨	PERMITTED WETLAND TAKE WITH EROSION MAT CLASS II TYPE C
# # # # # #	EROSION MAT CLASS I, TYPE B
░	EROSION MAT CLASS III TYPE A
•—•—•	SILT FENCE
○○○○	RIP RAP
▭▭▭▭	EROSION BALES
– – –	SLOPE INTERCEPT
▵▵▵	TEMPORARY DITCH CHECK
○○○	CULVERT PIPE DITCH CHECK
~→	SURFACE WATER FLOW

NOTE
APPLY SEEDING MIXTURE NO. 10 AND FERTILIZER TYPE B TO ALL DISTURBED AREAS UNLESS OTHERWISE SHOWN.

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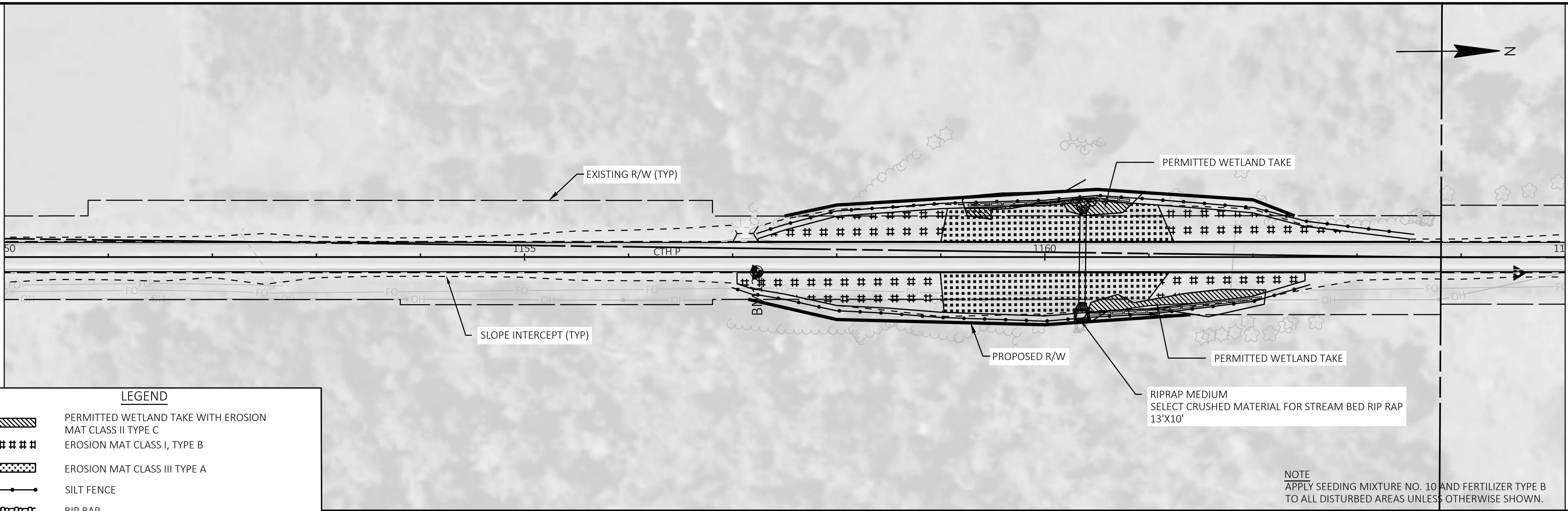
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	EROSION CONTROL	SHEET 12 E



NOTE
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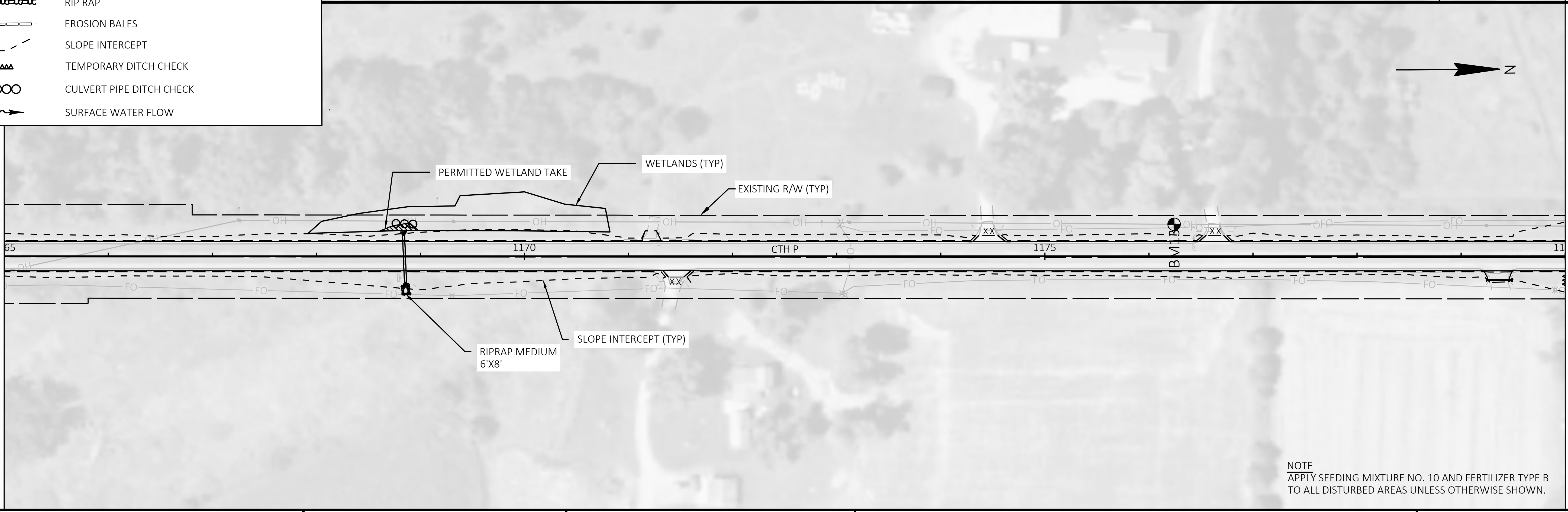
TO ALL DISTURBED AREAS UNLESS OTHERWISE SHOWN.

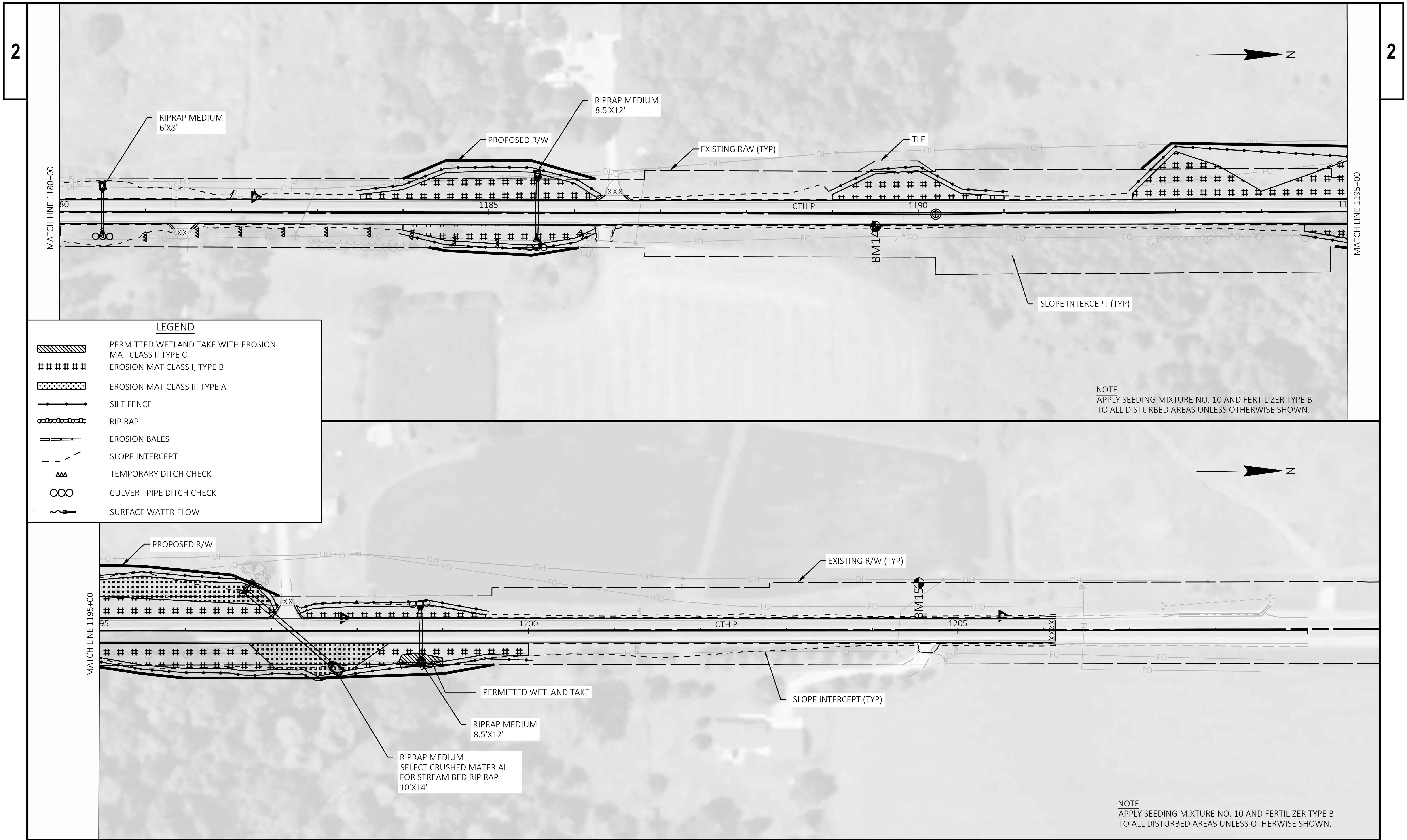
LEGEND

▨	PERMITTED WETLAND TAKE WITH EROSION MAT CLASS II TYPE C
# # # # # #	EROSION MAT CLASS I, TYPE B
▒	EROSION MAT CLASS III TYPE A
—•—•—•	SILT FENCE
○○○○○○	RIP RAP
▭▭▭▭	EROSION BALES
— — —	SLOPE INTERCEPT
△△△	TEMPORARY DITCH CHECK
○○○	CULVERT PIPE DITCH CHECK
⇝	SURFACE WATER FLOW



NOTE
APPLY SEEDING MIXTURE NO. 10 AND FERTILIZER TYPE B
TO ALL DISTURBED AREAS UNLESS OTHERWISE SHOWN.

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	EROSION CONTROL	SHEET 13	E



LEGEND

▨	PERMITTED WETLAND TAKE WITH EROSION MAT CLASS II TYPE C
######	EROSION MAT CLASS I, TYPE B
▦	EROSION MAT CLASS III TYPE A
•—•—•	SILT FENCE
○○○○	RIP RAP
▭▭▭	EROSION BALES
- - -	SLOPE INTERCEPT
△△△	TEMPORARY DITCH CHECK
○○○	CULVERT PIPE DITCH CHECK
~→	SURFACE WATER FLOW

NOTE
APPLY SEEDING MIXTURE NO. 10 AND FERTILIZER TYPE B TO ALL DISTURBED AREAS UNLESS OTHERWISE SHOWN.

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APPLY SEEDING MIXTURE NO. 10 AND FERTILIZER TYPE B TO ALL DISTURBED AREAS UNLESS OTHERWISE SHOWN.

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	EROSION CONTROL	SHEET 14	E

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE

*NO-PASSING ZONES ARE TO BE DETERMINED IN THE FIELD PER 648.0100 "LOCATING NO-PASSING ZONES".
PAVEMENT MARKING TO BE DETERMINED IN THE FIELD PER SDD "PAVEMENT MARKING, MAINLINE AND TURN LANES"

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	PERMANENT SIGNING	SHEET 15 E

2

LEGEND

⊥⊥	EXISTING SIGN MOUNTED ON POST(S)
⊥⊥	PROPOSED SIGN MOUNTED ON POST(S)
(XXX)	DENOTES SIGN NUMBER
(X)	INDICATES SIGN SIZE

*NO-PASSING ZONES ARE TO BE DETERMINED IN THE FIELD PER 648.0100 "LOCATING NO-PASSING ZONES". PAVEMENT MARKING TO BE DETERMINED IN THE FIELD PER SDD "PAVEMENT MARKING, MAINLINE AND TURN LANES"

2

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	PERMANENT SIGNING	SHEET 16	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\023201_PS_CTH P.DWG
LAYOUT NAME - 02
PLOT DATE : 8/11/2022 7:25 PM
PLOT BY : JONATHAN GILL
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

LEGEND

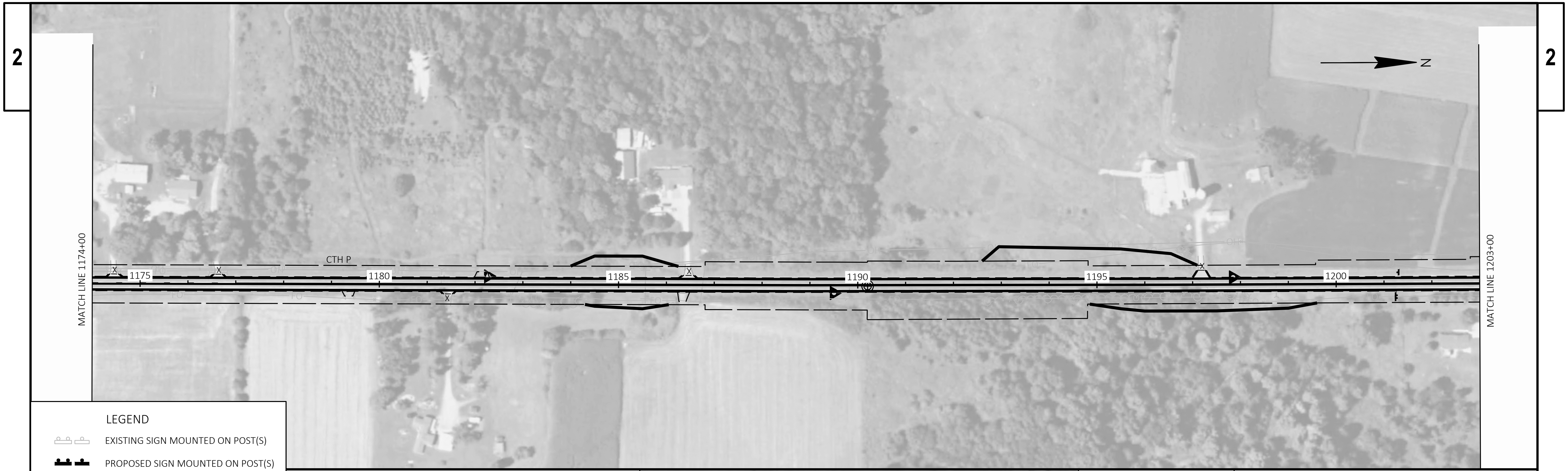
▭▭	EXISTING SIGN MOUNTED ON POST(S)
▬▬	PROPOSED SIGN MOUNTED ON POST(S)
(XXX)	DENOTES SIGN NUMBER
(X)	INDICATES SIGN SIZE

*NO-PASSING ZONES ARE TO BE DETERMINED IN THE FIELD PER 648.0100 "LOCATING NO-PASSING ZONES".
PAVEMENT MARKING TO BE DETERMINED IN THE FIELD PER SDD "PAVEMENT MARKING, MAINLINE AND TURN LANES"

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	PERMANENT SIGNING	SHEET 17	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\023201_PS_CTH P.DWG
LAYOUT NAME - 03
PLOT DATE : 8/11/2022 7:25 PM
PLOT BY : JONATHAN GILL
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

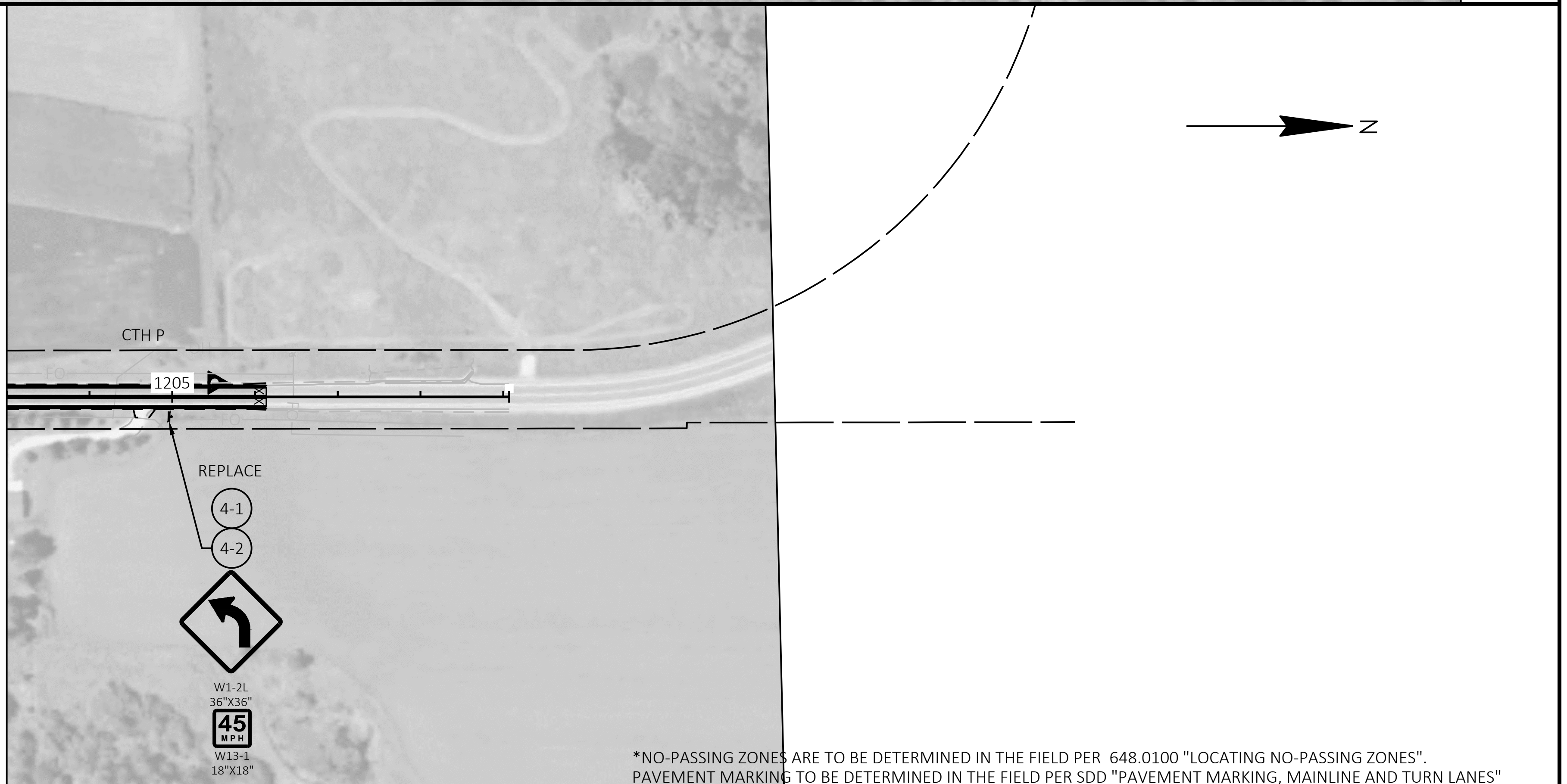
2



2

LEGEND

▭▭	EXISTING SIGN MOUNTED ON POST(S)
▬▬	PROPOSED SIGN MOUNTED ON POST(S)
(XXX)	DENOTES SIGN NUMBER
(X)	INDICATES SIGN SIZE



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PAVEMENT MARKING TO BE DETERMINED IN THE FIELD PER SDD "PAVEMENT MARKING, MAINLINE AND TURN LANES"

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	PERMANENT SIGNING	SHEET 18	E

Estimate Of Quantities

					8822-00-71
Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**
0002	201.0205	Grubbing	STA	40.000	40.000
0004	203.0100	Removing Small Pipe Culverts	EACH	18.000	18.000
0006	203.0220	Removing Structure (structure) 01. STA 1161+80, Reinforced Concrete Cattle Pass, 72-Inch	EACH	1.000	1.000
0008	203.0220	Removing Structure (structure) 02. STA 1185+56, Reinforced Concrete Cattle Pass, 72-Inch	EACH	1.000	1.000
0010	203.0220	Removing Structure (structure) 03. STA 1160+36, Corrugated Metal Culvert Pipe, 66-Inch	EACH	1.000	1.000
0012	204.0115	Removing Asphaltic Surface Butt Joints	SY	1,145.000	1,145.000
0014	204.0120	Removing Asphaltic Surface Milling	SY	413.000	413.000
0016	205.0100	Excavation Common	CY	4,230.000	4,230.000
0018	208.0100	Borrow	CY	14,250.000	14,250.000
0020	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	386.000	386.000
0022	213.0100	Finishing Roadway (project) 01. 8822-00-71	EACH	1.000	1.000
0024	305.0110	Base Aggregate Dense 3/4-Inch	TON	1,770.000	1,770.000
0026	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	12,000.000	12,000.000
0028	325.0100	Pulverize and Relay	SY	55,800.000	55,800.000
0030	374.1020.S	QMP Pulverize and Relay Compaction	SY	55,800.000	55,800.000
0032	455.0605	Tack Coat	GAL	8,810.000	8,810.000
0034	460.2000	Incentive Density HMA Pavement	DOL	9,950.000	9,950.000
0036	460.5223	HMA Pavement 3 LT 58-28 S	TON	8,240.000	8,240.000
0038	460.5244	HMA Pavement 4 LT 58-34 S	TON	7,300.000	7,300.000
0040	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	70.000	70.000
0042	521.1012	Apron Endwalls for Culvert Pipe Steel 12-Inch	EACH	6.000	6.000
0044	521.1024	Apron Endwalls for Culvert Pipe Steel 24-Inch	EACH	16.000	16.000
0046	521.1030	Apron Endwalls for Culvert Pipe Steel 30-Inch	EACH	2.000	2.000
0048	521.1036	Apron Endwalls for Culvert Pipe Steel 36-Inch	EACH	4.000	4.000
0050	521.1072	Apron Endwalls for Culvert Pipe Steel 72-Inch	EACH	2.000	2.000
0052	521.1242	Apron Endwalls for Pipe Arch Steel 42x29-Inch	EACH	4.000	4.000
0054	521.1257	Apron Endwalls for Pipe Arch Steel 57x38-Inch	EACH	2.000	2.000
0056	521.6112	Culvert Pipe Corrugated Steel Aluminum Coated 12-Inch	LF	74.000	74.000
0058	521.6124	Culvert Pipe Corrugated Steel Aluminum Coated 24-Inch	LF	428.000	428.000
0060	521.6130	Culvert Pipe Corrugated Steel Aluminum Coated 30-Inch	LF	52.000	52.000
0062	521.6136	Culvert Pipe Corrugated Steel Aluminum Coated 36-Inch	LF	128.000	128.000
0064	521.6172	Culvert Pipe Corrugated Steel Aluminum Coated 72-Inch	LF	86.000	86.000
0066	521.6742	Pipe Arch Corrugated Steel Aluminum Coated 42x29-Inch	LF	108.000	108.000
0068	521.6757	Pipe Arch Corrugated Steel Aluminum Coated 57x38-Inch	LF	126.000	126.000
0070	606.0200	Riprap Medium	CY	99.000	99.000
0072	618.0100	Maintenance And Repair of Haul Roads (project) 01. 8822-00-71	EACH	1.000	1.000
0074	619.1000	Mobilization	EACH	1.000	1.000
0076	624.0100	Water	MGAL	331.000	331.000
0078	625.0100	Topsoil	SY	4,480.000	4,480.000
0080	625.0500	Salvaged Topsoil	SY	43,300.000	43,300.000
0082	627.0200	Mulching	SY	47,800.000	47,800.000
0084	628.1104	Erosion Bales	EACH	180.000	180.000
0086	628.1504	Silt Fence	LF	4,860.000	4,860.000
0088	628.1520	Silt Fence Maintenance	LF	4,860.000	4,860.000
0090	628.1905	Mobilizations Erosion Control	EACH	1.000	1.000
0092	628.1910	Mobilizations Emergency Erosion Control	EACH	5.000	5.000
0094	628.2004	Erosion Mat Class I Type B	SY	14,100.000	14,100.000

Estimate Of Quantities

Line	Item	Item Description	Unit	Total	Qty
					8822-00-71
0096	628.2027	Erosion Mat Class II Type C	SY	230.000	230.000
0098	628.2031	Erosion Mat Class III Type A	SY	2,700.000	2,700.000
0100	628.7504	Temporary Ditch Checks	LF	3,200.000	3,200.000
0102	628.7555	Culvert Pipe Checks	EACH	160.000	160.000
0104	629.0210	Fertilizer Type B	CWT	32.000	32.000
0106	630.0110	Seeding Mixture No. 10	LB	640.000	640.000
0108	630.0500	Seed Water	MGAL	1,080.000	1,080.000
0110	633.5200	Markers Culvert End	EACH	30.000	30.000
0112	634.0612	Posts Wood 4x6-Inch X 12-FT	EACH	5.000	5.000
0114	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	21.000	21.000
0116	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	5.000	5.000
0118	637.2210	Signs Type II Reflective H	SF	74.000	74.000
0120	637.2230	Signs Type II Reflective F	SF	120.000	120.000
0122	638.2602	Removing Signs Type II	EACH	35.000	35.000
0124	638.3000	Removing Small Sign Supports	EACH	30.000	30.000
0126	642.5201	Field Office Type C	EACH	1.000	1.000
0128	643.0420	Traffic Control Barricades Type III	DAY	3,264.000	3,264.000
0130	643.0705	Traffic Control Warning Lights Type A	DAY	4,704.000	4,704.000
0132	643.0900	Traffic Control Signs	DAY	2,592.000	2,592.000
0134	643.1050	Traffic Control Signs PCMS	DAY	28.000	28.000
0136	643.5000	Traffic Control	EACH	1.000	1.000
0138	645.0120	Geotextile Type HR	SY	140.000	140.000
0140	646.1020	Marking Line Epoxy 4-Inch	LF	66,700.000	66,700.000
0142	648.0100	Locating No-Passing Zones	MI	3.890	3.890
0144	650.4500	Construction Staking Subgrade	LF	1,230.000	1,230.000
0146	650.5000	Construction Staking Base	LF	1,230.000	1,230.000
0148	650.6000	Construction Staking Pipe Culverts	EACH	15.000	15.000
0150	650.8000	Construction Staking Resurfacing Reference	LF	20,540.000	20,540.000
0152	650.9911	Construction Staking Supplemental Control (project) 01. 8822-00-71	EACH	1.000	1.000
0154	650.9920	Construction Staking Slope Stakes	LF	1,230.000	1,230.000
0156	690.0150	Sawing Asphalt	LF	470.000	470.000
0158	740.0440	Incentive IRI Ride	DOL	15,560.000	15,560.000
0160	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	800.000	800.000
0162	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	600.000	600.000
0164	SPV.0195	Special 01. Select Crushed Material For Stream Bed Rip Rap	TON	19.000	19.000

REMOVAL ITEMS

STATION	TO	STATION	LOCATION	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	REMARKS
1000+73	-	1001+23	CL	156	-	BEGIN PROJECT
1205+13	-	1206+13	CL	311	-	END PROJECT
			3 1/2 AVE	58	122	
			W 5TH AVE	58	188	
			E 5TH AVE	58	103	
			W 7 1/2 AVE	61	-	
			E 7 1/2 AVE	61	-	
			5 1/2 AVE	61	-	
		1016+15	LT	24	-	DRIVEWAY
		1021+55	RT	24	-	DRIVEWAY
		1058+90	RT	27	-	DRIVEWAY
		1060+10	RT	18	-	DRIVEWAY
		1085+25	RT	22	-	DRIVEWAY
		1111+10	RT	23	-	DRIVEWAY
		1117+90	LT	31	-	DRIVEWAY
		1040+80	LT	31	-	DRIVEWAY
		1171+35	RT	18	-	DRIVEWAY
		1174+75	LT	20	-	DRIVEWAY
		1176+80	LT	19	-	DRIVEWAY
		1181+35	RT	21	-	DRIVEWAY
		1186+45	LT	23	-	DRIVEWAY
		1197+20	LT	19	-	DRIVEWAY
ITEM TOTAL				1,145	413	

EARTHWORK SUMMARY

STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON CY	208.0100 BORROW CY	REMARKS
1000+73	-	1013+00	CL	2,080	-	FULL PAVEMENT STRUCTURE REPLACEMENT AREA
1013+00	-	1206+13	CL	-	12,950	PULVERIZE AND PAVE AREA
1110+64	-	1123+86	CL	1,070	200	SUPERELEVATION CORRECTION AREA
1133+35	-	1146+44	CL	1,080	1,100	SUPERELEVATION CORRECTION AREA
ITEM TOTAL				4,230	14,250	

STRUCTURE REMOVAL ITEMS

STATION	LOCATION	203.0220 REMOVING STRUCTURE (01. STA 1161+80, REINFORCED CONCRETE CATTLE PASS, 72-INCH) EACH	203.0220 REMOVING STRUCTURE (02. STA 1185+56, REINFORCED CONCRETE CATTLE PASS, 72-INCH) EACH	203.0220 REMOVING STRUCTURE (03. STA 1160+36, CORRUGATED METAL CULVERT PIPE, 66-INCH) EACH
1160+35	CL	-	-	1
1161+80	CL	1	-	-
1185+56	CL	-	1	-
ITEM TOTAL		1	1	1

GRUBBING

STATION	TO	STATION	LOCATION	201.0205 GRUBBING STA
1003+00	-	1005+00	RT	2
1107+00	-	1111+00	RT	4
1133+00	-	1139+00	LT	6
1157+00	-	1164+00	RT & LT	14
1183+00	-	1187+00	RT & LT	8
1192+00	-	1198+00	LT	6
1194+00	-	1199+00	RT	5
			TOTAL	40

PREPARE FOUNDATION FOR ASPHALTIC SHOUILDERS

STATION	TO	STATION	LOCATION	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA
1000+73	-	1013+00	RT & LT	-
1013+00	-	1206+13	RT & LT	386
			TOTAL 0010	386

BASE AGGREGATE DENSE ITEMS

STATION	TO	STATION	LOCATION	* 305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	** 624.0100 WATER MGAL	REMARKS
1000+73	-	1013+00	CL	110	3,000	47	FULL PAVEMENT STRUCTURE REPLACEMENT AREA
1013+00	-	1206+13	CL	1620	7,800	141	PULVERIZE AND PAVE AREA
1110+64	-	1123+86	CL	-	600	9	WEDGING FOR SUPERELEVATION CORRECTION
1133+35	-	1146+44	CL	-	600	9	WEDGING FOR SUPERELEVATION CORRECTION
ITEM TOTALS				1,730	12,000	206	

* ADDITIONAL QUANTITIES LOCATED IN DRIVEWAY ITEMS, 305.0110 BASE AGGREGATE DENSE 3/4-INCH

** ADDITIONAL QUANTITIES LOCATED IN ASPHALTIC ITEMS, 624.0100 WATER

ASPHALTIC ITEMS

STATION	TO	STATION	LOCATION	325.0100 PULVERIZE AND RELAY SY	374.1020.S QMP PULVERIZE AND RELAY COMPACTION SY	455.0605 TACK COAT GAL	460.5223 HMA PAVEMENT 3 LT 58-28 S TON	460.5244 HMA PAVEMENT 4 LT 58-34 S TON	* 624.0100 WATER MGAL	REMARKS
1000+73	-	1013+00	CL	-	-	270	480	430	-	FULL PAVEMENT STRUCTURE REPLACEMENT AREA
1013+00		1206+13	CL	55,800	55,800	8,412	7570	6730	125	PULVERIZE AND PAVE AREA
	-		3 1/2 AVE	-	-	24	32	20	-	
	-		W 5TH AVE	-	-	22	30	19	-	
	-		E 5TH AVE	-	-	39	52	32	-	
	-		W 7 1/2 AVE	-	-	13	20	18	-	
	-		E 7 1/2 AVE	-	-	15	28	25	-	
			5 1/2 AVE	-	-	15	27	25	-	
ITEM TOTALS				55,800	55,800	8,810	8,240	7,300	125	

* ADDITIONAL QUANTITIES LOCATED IN BASES AND SUBBASES, 624.0100 WATER

MAINTENANCE AND REPAIR OF HAUL ROUTES

CATEGORY	LOCATION	618.0100.01 MAINTENANCE AND REPAIR OF HAUL ROADS (8822-00-71) EACH	REMARKS
0020	1000+73 - 1206+13	1	
	ITEM TOTAL	1	

DRIVEWAY ITEMS

STATION	TO	STATION	LOCATION	* 305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
1000+73	-	12061+23	LT & RT	40	70
ITEM TOTAL				40	70

* ADDITIONAL QUANTITIES LOCATED IN BASES AND SUBBASES, 305.0110 BASE AGGREGATE DENSE 3/4-INCH

FINISHING ROADWAY

STATION	TO	STATION	LOCATION	213.0100.01 FINISHING ROADWAY (8822-00-71) EACH
1000+73	-	1206+13	CL	1
ITEM TOTAL				1

EROSION CONTROL ITEMS

LOCATION	625.0100 TOPSOIL SY	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.1104 EROSION BALES EACH	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2004 EROSION MAT CLASS I TYPE B SY	628.2027 EROSION MAT CLASS II TYPE C SY	628.2031 EROSION MAT CLASS III TYPE A SY	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	629.0210 FERTILIZER TYPE B CWT	630.0110 SEEDING MIXTURE NO. 10 LB	630.0500 SEED WATER MGAL
FULL PROJECT	-	-	-	-	-	-	1	5	-	-	-	-	-	-	-	-
1000+73 - 1013+00	330	2,200	2,500	110	-	-	-	-	760	40	-	-	-	2	30	60
1013+00 - 1206+13	3,400	33,900	37,300	40	4,050	4,050	-	-	10,990	150	2,250	3,200	130	24	500	840
UNDISTRIBUTED (20%)	750	7,200	8,000	30	810	810	-	-	2,350	40	450	-	30	6	110	180
ITEM TOTAL	4,480	43,300	47,800	180	4,860	4,860	1	5	14,100	230	2,700	3,200	160	32	640	1,080

CULVERT PIPE ITEMS

		INLET			OUTLET						
STATION	LOCATION	STATION	OFFSET	ELEV. (FT)	STATION	OFFSET	ELEV. (FT)	SLOPE (%)	SKEW	PIPE THICKNESS	REMARKS
1025+03	CL	1025+03	21' RT	1057.11	1025+03	21' LT	1056.81	0.7%	0.1° RHF	0.064"	
1044+86	CL	1044+87	23' RT	1060.33	1044+85	26' LT	1059.30	2.1%	2.6° RHF	0.064"	
1048+80	RT	1048+90	27' RT	1062.57	1048+64	27' RT	1062.40	0.7%		0.064"	DRIVEWAY CULVERT
1058+88	CL	1059+05	22' LT	1068.86	1058+71	20' RT	1068.13	1.3%	38.6° RHF	0.064"	
1066+51	CL	1066+36	23' LT	1089.75	1066+65	20' RT	1088.32	2.8%	33.8° RHF	0.079"	
1092+04	CL	1092+07	28' LT	1118.05	1092+03	34' RT	1117.55	0.8%	3.7° LHF	0.079"	
1097+15	RT	1097+09	28' RT	1137.43	1097+35	28' RT	1135.96	5.7%		0.064"	DRIVEWAY CULVERT
1107+71	CL	1107+71	37' LT	1192.36	1107+70	52' RT	1187.70	5.1%	0.9° LHF	0.064"	
1119+38	CL	1119+38	21' LT	1216.59	1119+38	33' RT	1215.86	1.2%	0.3° LHF	0.109"	
1136+80	CL	1136+78	33' LT	1243.32	1136+82	23' RT	1242.41	1.6%	3.6° LHF	0.064"	
1144+31	CL	1144+33	22' LT	1241.97	1144+29	24' RT	1239.58	4.4%	6.0° LHF	0.064"	
1160+36	CL	1160+37	42' LT	1176.61	1160+36	44' RT	1175.84	0.9%	0.8° LHF	0.064"	
1168+85	CL	1168+84	20' LT	1213.68	1168+86	25' RT	1212.00	3.2%	2.3° RHF	0.064"	
1179+30	RT	1179+26	23' RT	1230.28	1179+47	23' RT	1229.46	3.7%		0.064"	DRIVEWAY CULVERT
1180+50	CL	1180+50	22' RT	1224.07	1180+50	23' RT	1223.75	0,6%	0.0°	0.064"	
1185+56	CL	1185+57	30' RT	1205.54	1185+56	36' LT	1203.21	3.1%	0.8° LHF	0.079"	EXISTING CATTLE PASS TO BE REMOVED AND REPLACED
1197+25	CL	1196+72	45' LT	1145.50	1197+67	37' RT	1143.95	1.2%	49.5° RHF	0.109"	
1198+74	CL	1198+74	24' LT	1145.80	1198+75	30' RT	1144.40	2.6%	1.2° RHF	0.079"	

CULVERT PIPE ITEMS, CONTINUED

STATION	LOCATION	521.1012 APRON ENDWALLS FOR CULVERT PIPE STEEL 12-INCH EACH	521.1024 APRON ENDWALLS FOR CULVERT PIPE STEEL 24-INCH EACH	521.1030 APRON ENDWALLS FOR CULVERT PIPE STEEL 30-INCH EACH	521.1036 APRON ENDWALLS FOR CULVERT PIPE STEEL 36-INCH EACH	521.1072 APRON ENDWALLS FOR CULVERT PIPE STEEL 72-INCH EACH	521.1242 APRON ENDWALLS FOR PIPE ARCH STEEL 42X29-INCH EACH	521.1257 APRON ENDWALLS FOR PIPE ARCH STEEL 57X38-INCH EACH	633.5200 MARKERS CULVERT END EACH	REMARKS
1025+03	CL	-	2	-	-	-	-	-	2	
1044+86	CL	-	2	-	-	-	-	-	2	
1048+80	RT	2	-	-	-	-	-	-	-	DRIVEWAY CULVERT
1058+88	CL	-	2	-	-	-	-	-	2	
1066+51	CL	-	-	2	-	-	-	-	2	
1092+04	CL	-	-	-	2	-	-	-	2	
1092+60	CL	-	-	-	-	-	-	-	-	EXISTING TO REMAIN
1097+15	RT	2	-	-	-	-	-	-	-	DRIVEWAY CULVERT
1107+71	CL	-	2	-	-	-	-	-	2	
1119+38	CL	-	-	-	-	-	2	-	2	
1136+80	CL	-	2	-	-	-	-	-	2	
1144+31	CL	-	2	-	-	-	-	-	2	
1160+36	CL	-	-	-	-	2	-	-	2	
1168+85	CL	-	2	-	-	-	-	-	2	
1179+30	RT	2	-	-	-	-	-	-	-	DRIVEWAY CULVERT
1180+50	CL	-	2	-	-	-	-	-	2	
1185+56	CL	-	-	-	2	-	-	-	2	EXISTING CATTLE PASS TO BE REMOVED AND REPLACED
1197+25	CL	-	-	-	-	-	-	2	2	
1198+74	CL	-	-	-	-	-	2	-	2	
ITEM TOTAL		6	16	2	4	2	4	2	30	

CULVERT PIPE ITEMS, CONTINUED

STATION	LOCATION	521.6112 CULVERT PIPE CORRUGATED STEEL ALUMINUM COATED 12-INCH LF	521.6124 CULVERT PIPE CORRUGATED STEEL ALUMINUM COATED 24-INCH LF	521.6130 CULVERT PIPE CORRUGATED STEEL ALUMINUM COATED 30-INCH LF	521.6136 CULVERT PIPE CORRUGATED STEEL ALUMINUM COATED 36-INCH LF	521.6172 CULVERT PIPE CORRUGATED STEEL ALUMINUM COATED 72-INCH LF	521.6742 PIPE ARCH CORRUGATED STEEL ALUMINUM COATED 42X29-INCH LF	521.6757 PIPE ARCH CORRUGATED STEEL ALUMINUM COATED 57X38-INCH LF
1025+03	CL	-	42	-	-	-	-	-
1044+86	CL	-	50	-	-	-	-	-
1048+80	RT	26	-	-	-	-	-	-
1058+88	CL	-	54	-	-	-	-	-
1066+51	CL	-	-	52	-	-	-	-
1092+04	CL	-	-	-	62	-	-	-
1092+60	CL	-	-	-	-	-	-	-
1097+15	RT	26	-	-	-	-	-	-
1107+71	CL	-	88	-	-	-	-	-
1119+38	CL	-	-	-	-	-	54	-
1136+80	CL	-	58	-	-	-	-	-
1144+31	CL	-	46	-	-	-	-	-
1160+36	CL	-	-	-	-	86	-	-
1168+85	CL	-	46	-	-	-	-	-
1179+30	RT	22	-	-	-	-	-	-
1180+50	CL	-	44	-	-	-	-	-
1185+56	CL	-	-	-	66	-	-	-
1197+25	CL	-	-	-	-	-	-	126
1198+74	CL	-	-	-	-	-	54	-
		74	428	52	128	86	108	126

CULVERT PIPE REMOVALS

STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	DIAMETER	LENGTH	MATERIAL	REMARKS
1025+03	CL	1	18-INCH	40'	CMCP	
1044+86	CL	1	24-INCH	52'	CMCP	
1048+80	RT	1	12-INCH	26'	CMCP	DRIVEWAY CULVERT
1058+88	CL	1	24-INCH	56'	CMCP	
1066+51	CL	1	30-INCH	52'	CMCP	
1092+04	CL	1	36-INCH	68'	CMCP	
1097+15	RT	1	12-INCH	26'	CMCP	DRIVEWAY CULVERT
1107+71	CL	1	18-INCH	90'	CPCP	
1119+38	CL	1	40X26-INCH	52'	CMCA	
1136+80	CL	1	24-INCH	54'	CMCP	
1144+31	CL	1	24-INCH	52'	CMCP	
1152+43	CL	1	24-INCH	60'	CMCP	REMOVAL ONLY
1168+85	CL	1	24-INCH	48'	CMCP	
1179+30	RT	1	12-INCH	22'	CMCP	DRIVEWAY CULVERT
1181+28	CL	1	18-INCH	54'	CMCP	REMOVAL ONLY
1189+82	CL	1	24-INCH	62'	CMCP	REMOVAL ONLY
1197+25	CL	1	60X30-INCH	112'	CMCA	
1198+74	CL	1	48X24-INCH	48'	CMCA	
ITEM TOTAL		18				

SIGNING ITEMS

SIGN NUMBER	SIGN CODE	SIZE (INCH)	SIZE (INCH)	DESCRIPTION	634.0612 POSTS WOOD 4X6-INCH X 12-FT EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
1-1	R1-1	30	30	STOP	-	1	-	5.18	-	1	1
1-2	M1-5A	24	24	COUNTY P	-	1	-	4.00	-	1	1
1-3	J1-2	48	39	JCT COUNTY A END COUNTY P	-	1	-	13.00	-	1	1
1-4	W3-1	36	36	STOP AHEAD	-	1	-	-	9.00	1	1
1-5	M1-94	36	15	3 1/2 AVE	1	-	-	3.75	-	1	1
1-6	R1-1	30	30	STOP	-	1	-	6.25	-	1	1
1-7	W14-3	48	36	NO PASSING ZONE	-	1	-	-	5.56	1	1
2-1	W14-3	48	36	NO PASSING ZONE	-	1	-	-	5.56	1	1
2-2	S3-1	30	30	SCHOOL BUS STOP AHEAD	1	-	-	-	6.25	1	1
2-3	M1-94	30	15	5TH AVE	-	1	-	3.13	-	1	1
2-4	R1-1	30	30	STOP	-	1	-	5.18	-	1	1
2-5	R1-1	30	30	STOP	-	1	-	5.18	-	1	1
2-6	W14-3	48	36	NO PASSING ZONE	-	1	-	-	5.56	1	1
2-7	W14-3	48	36	NO PASSING ZONE	-	1	-	-	5.56	1	1
2-8	W1-2L	36	36	ROAD CURVES LEFT AHEAD	-	-	1	-	9.00	1	1
2-9	W13-1	18	18	45 MPH	-	-	-	-	2.25	1	-
2-10	W11-6	30	30	SNOWMOBILE CROSSING	-	1	-	-	6.25	1	1
2-11	R1-1	30	30	STOP	-	1	-	5.18	-	1	1
2-12	M1-94	42	15	7 1/2TH ST-CTH P	1	1	-	4.38	-	1	1
3-1	R1-1	30	30	STOP	-	1	-	5.18	-	1	1
3-2	M1-94	42	15	7 1/2TH ST-CTH P	1	-	-	4.38	-	1	1
3-3	W11-6	30	30	SNOWMOBILE CROSSING	-	1	-	-	6.25	1	1
3-4	W1-2R	36	36	ROAD CURVES RIGHT AHEAD	-	-	1	-	9.00	1	1
3-5	W13-1	18	18	45 MPH	-	-	-	-	2.25	1	-
3-6	W1-2R	36	36	ROAD CURVES RIGHT AHEAD	-	-	1	-	9.00	1	1
3-7	W13-1	18	18	45 MPH	-	-	-	-	2.25	1	-
3-8	M1-94	36	15	5 1/2TH AVE	1	-	-	3.75	-	1	1
3-9	R1-1	30	30	STOP	-	1	-	5.18	-	1	1
3-10	W14-3	48	36	NO PASSING ZONE	-	1	-	-	5.56	1	1
3-11	W1-2L	36	36	ROAD CURVES LEFT AHEAD	-	-	1	-	9.00	1	1
3-12	W13-1	18	18	45 MPH	-	-	-	-	2.25	1	-
3-13	W14-3	48	36	NO PASSING ZONE	-	1	-	-	5.56	1	1
3-14	S3-1	30	30	SCHOOL BUS STOP AHEAD	-	1	-	-	3.13	1	1
4-1	W1-2L	36	36	ROAD CURVES LEFT AHEAD	-	-	1	-	9.00	1	1
4-2	W13-1	18	18	45 MPH	-	-	-	-	2.25	1	-
ITEM TOTALS					5	21	5	74	120	35	30

PAVEMENT MARKING

STATION	TO	STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH WHITE LF	646.1020 MARKING LINE EPOXY 4-INCH YELLOW LF
1000+73	-	1206+13	LT & RT	40,600	26,100
ITEM TOTAL				66,700	

FIELD OFFICE

LOCATION	642.5201 FIELD OFFICE TYPE C EACH
1000+73 - 1206+13	1
ITEM TOTAL	1

TRAFFIC CONTROL ITEMS

		643.0420		643.0705		643.0900		643.1050		643.5000
		TRAFFIC CONTROL BARRICADES TYPE III		TRAFFIC CONTROL WARNING LIGHTS TYPE A		TRAFFIC CONTROL SIGNS		TRAFFIC CONTROL SIGNS PCMS		TRAFFIC CONTROL
LOCATION	DURATION	COUNT	DAY	COUNT	DAY	COUNT	DAY	COUNT	DAY	EACH
CTH P (NORTH)	48	14	672	20	960	8	384	1	14	1
CTH P (SOUTH)	48	9	432	8	384	11	528	1	14	-
3 1/2-AVE	48	9	432	14	672	7	336	-	-	-
5TH AVE E	48	9	432	14	672	7	336	-	-	-
5TH AVE W	48	9	432	14	672	7	336	-	-	-
7 1/2 ST	48	9	432	14	672	7	336	-	-	-
5 1/2 AVE	48	9	432	14	672	7	336	-	-	-
ITEM TOTAL		3,264		4,704		2,592		28		1

RIPRAP ITEMS

		606.0200	645.0120	SPV.0195.01
STATION	LOCATION	RIPRAP MEDIUM CY	GEOTEXTILE TYPE HR SY	SPECIAL (01. SELECT CRUSHED MATERIAL FOR STREAM BED RIP RAP) TON
1025+03	LT	4	5	-
1044+86	LT	4	5	-
1058+88	LT	4	5	-
1066+51	LT	5	8	-
1092+03	RT	8	11	-
1107+71	RT	8	12	-
1119+38	RT	9	14	-
1136+80	LT	9	13	-
1144+31	RT	4	5	-
1160+36	RT	10	14	9
1168+85	RT	4	5	-
1180+50	LT	4	5	-
1185+86	LT	8	11	-
1197+26	RT	10	16	10
1198+74	RT	8	11	-
ITEM TOTALS		99	140	19

SAWING ASPHALT

STATION	LOCATION	690.0150 SAWING ASPHALT LF	REMARKS
1000+73	CL	26	BEGIN PROJECT
1013+42	RT	21	3 1/2 AVE
1016+15	LT	22	DRIVEWAY
1021+55	RT	22	DRIVEWAY
1058+90	RT	24	DRIVEWAY
1060+10	RT	16	DRIVEWAY
1085+25	RT	20	DRIVEWAY
1092+27	RT	21	5TH AVE
1092+32	LT	21	5TH AVE
1111+10	RT	21	DRIVEWAY
1114+23	RT	22	7 1/2 ST
1117+12	RT	22	7 1/2 ST
1117+90	LT	28	DRIVEWAY
1040+80	LT	28	DRIVEWAY
1142+12	LT	22	5 1/2 AVE
1171+35	RT	16	DRIVEWAY
1174+75	LT	18	DRIVEWAY
1176+80	LT	17	DRIVEWAY
1181+35	RT	19	DRIVEWAY
1186+45	LT	21	DRIVEWAY
1197+20	LT	17	DRIVEWAY
1206+13	CL	26	END PROJECT
ITEM TOTALS		470	

MOBILIZATION

LOCATION	619.1000 MOBILIZATION EACH	REMARKS
1000+73 - 1206+13	1	
ITEM TOTAL	1	

LOCATING NO-PASSING ZONES

STATION	TO	STATION	LOCATION	648.0100 LOCATING NO-PASSING ZONES MI
1000+73	-	1206+13	CTH P	3.89
ITEM TOTAL				3.89

CONSTRUCTION STAKING ITEMS

				650.4500	650.5000	650.6000	650.8000	650.9920	650.9911.01
STATION	TO	STATION	LOCATION	CONSTRUCTION STAKING SUBGRADE LF	CONSTRUCTION STAKING BASE LF	CONSTRUCTION STAKING PIPE CULVERTS EACH	CONSTRUCTION STAKING RESURFACING REFERENCE LF	CONSTRUCTION STAKING SLOPE STAKES LF	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (8822-00-71) EACH
1000+73	-	1013+00	PAVEMENT REPLACEMENT	1,230	1,230	-	1,230	1,230	-
1013+00	-	1206+13	PULVERIZE AND RELAY	-	-	15	19,310	-	-
1000+73		1206+13	FULL PROJECT	-	-	-	-	-	1
ITEM TOTALS				1,230	1,230	15	20,540	1,230	1

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
8822-00-01		
FEDERAL PROJECT NUMBER ---	4.01	6

PLAT OF RIGHT OF WAY REQUIRED FOR

PRAIRIE FARM - ALMENA
CTH A NORTH TO 7TH STREET

CTH P

BARRON COUNTY

CONSTRUCTION PROJECT NUMBER
8822-00-71

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE (P.L.)
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC) — W — (TYPE)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
TO BE REMOVED
BRIDGE
CULVERT

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN (SIGN)
R/W MONUMENT (TO BE SET) ●
NON-MONUMENTED R/W POINT ○
FOUND IRON PIN (1-INCH UNLESS NOTED) IP
OFF-PREMISE SIGN (#1-25) (SIGN)

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)		

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER (25)
UTILITY NUMBER (40)
PARALLEL OFFSETS

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS
ELECTRIC TOWER	⊠

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF COMPOUND CURVE	PCC
ACRES	AC	POINT OF INTERSECTION	PI
AHEAD	AH	PROPERTY LINE	PL
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
CENTERLINE	C/L	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CERTIFIED SURVEY MAP	CSM	RIGHT	RT
CONCRETE	CONC	RIGHT OF WAY	R/W
COUNTY	CO	SECTION	SEC
COUNTY TRUNK HIGHWAY	CTH	SEPTIC VENT	SEPV
DISTANCE	DIST	SQUARE FEET	SF
CORNER	COR	STATE TRUNK HIGHWAY	STH
DOCUMENT NUMBER	DOC	STATION	STA
EASEMENT	EASE	TELEPHONE PEDESTAL	TP
EXISTING	EX	TEMPORARY LIMITED EASEMENT	TLE
GAS VALVE	GV	TRANSPORTATION PROJECT PLAT	TPP
GRID NORTH	GN	UNITED STATES HIGHWAY	USH
HIGHWAY EASEMENT	HE	VOLUME	V
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		

CURVE DATA ABBREVIATIONS

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), BARRON COUNTY, NAD83 (2011)IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

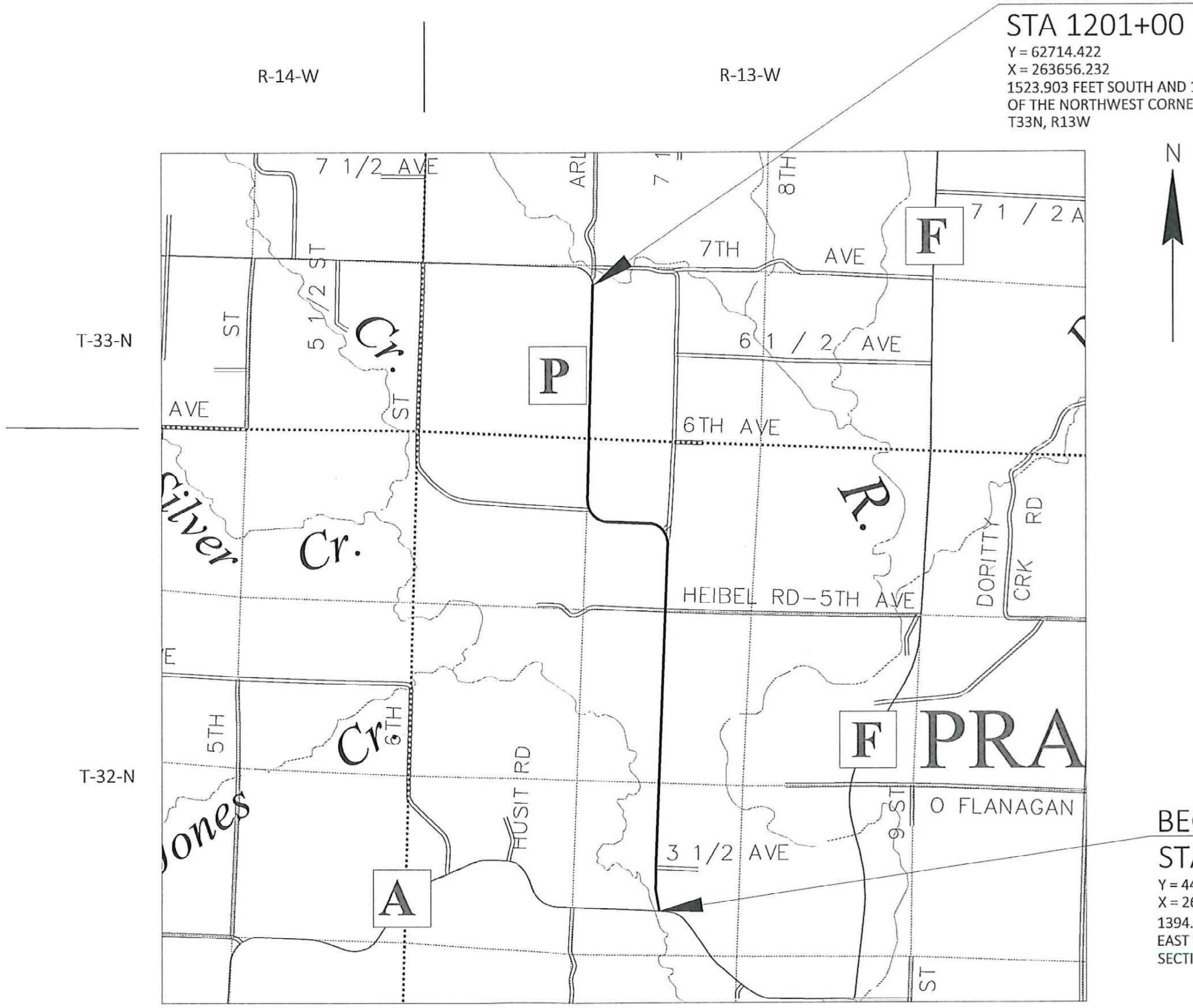
DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN EAU CLAIRE.

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE DETAIL PAGES.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE DETAIL PAGES.



END RELOCATION
STA 1201+00

Y = 62714.422
X = 263656.232
1523.903 FEET SOUTH AND 1.514 FEET EAST OF THE NORTHWEST CORNER OF SECTION 32 T33N, R13W

BEGIN RELOCATION
STA 1001+00

Y = 44670.399
X = 266106.363
1394.452 FEET NORTH AND 128.959 FEET EAST OF THE SOUTH 1/4 CORNER OF SECTION 17, T32N, R13W

LAYOUT

SCALE 0 1.0 MI

TOTAL NET LENGTH OF CENTERLINE = 3.788 MILES

THIS PLAT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. DEEDS MUST BE CHECKED TO DETERMINE PROPERTY BOUNDARIES AND ACCESS RIGHTS.

Original Plat Prepared by

SEH
10 N BRIDGE ST
CHIPPEWA FALLS WI 54729

JASON L. CANCE
S-2688
CHIPPEWA FALLS
WI

(Signature) 3-9-2022
(Date)

REVISION DATE
4-22-2022 N.C.

ACCEPTED FOR

COUNTY OF BARRON

DATE: 3/21/2022
(Signature and T
Highway [illegible]

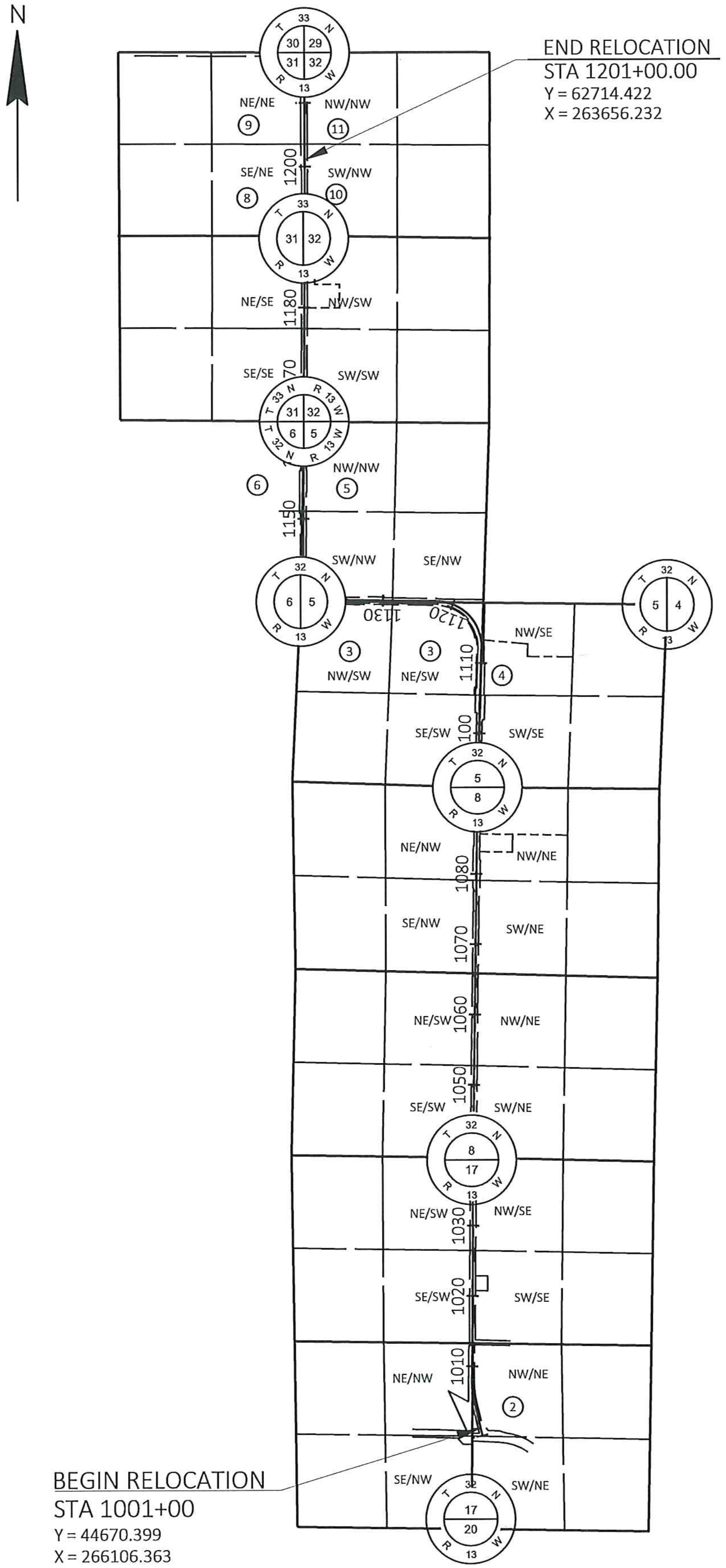
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\RW\TITLE SHEET.DWG

PLOT DATE : 3/9/2022 3:04 PM

PLOT BY : NICK ENGH

PLOT NAME :

4



4

SCHEDULE OF LANDS AND INTERESTS							
PARCEL NUMBER	SHEET NUMBER	OWNER(S)	INTEREST REQUIRED	R/W NEW AC	R/W EXIST AC	R/W TOTAL AC	TLE AC
2	4.03	LISA D NORBERG REVOCABLE TRUST	TLE	---	---	---	0.19
3	4.04	DONALD J TRCKA REVOCABLE TRUST	FEE/TLE	0.02	0.19	0.21	0.25
4	4.04	JONATHAN P & ANGELA K FRARCK	FEE/TLE	0.18	0.48	0.66	--
5	4.05	JAMES R HARE & BECKY L. GLASS	FEE	0.16	0.47	0.63	--
6	4.05	KEITH A RASSBACH	FEE	0.18	0.39	0.57	--
8	4.06	RUSSELL & ROXANN WHITE	FEE/TLE	0.08	0.21	0.29	0.01
9	406	JILL A. WILHELM	FEE	0.28	0.47	0.75	--
10	4.06	DAVID & PEGGY RASSBACH	FEE	0.02	0.16	0.18	--
11	4.06	DAVID & MARLY LUDEGUAM	FEE	0.13	0.44	0.57	--
21	4.05/4.06	BARRON ELECTRIC COPPERATIVE	RELEASE OF RIGHTS				
22	4.03/4.04/4.06	MOSAIC TELECOM	RELEASE OF RIGHTS				
23	4.04	XCEL ENERGY	RELEASE OF RIGHTS				

OWNERS NAME SHOWN FOR REFERENCE PURPOSE ONLY AN SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND AND INTEREST TO THE COUNTY

REVISION DATE
4/20/2022

DATE

SCALE, FEET
0 N/A

HWY: CTH P
COUNTY: BARRON COUNTY

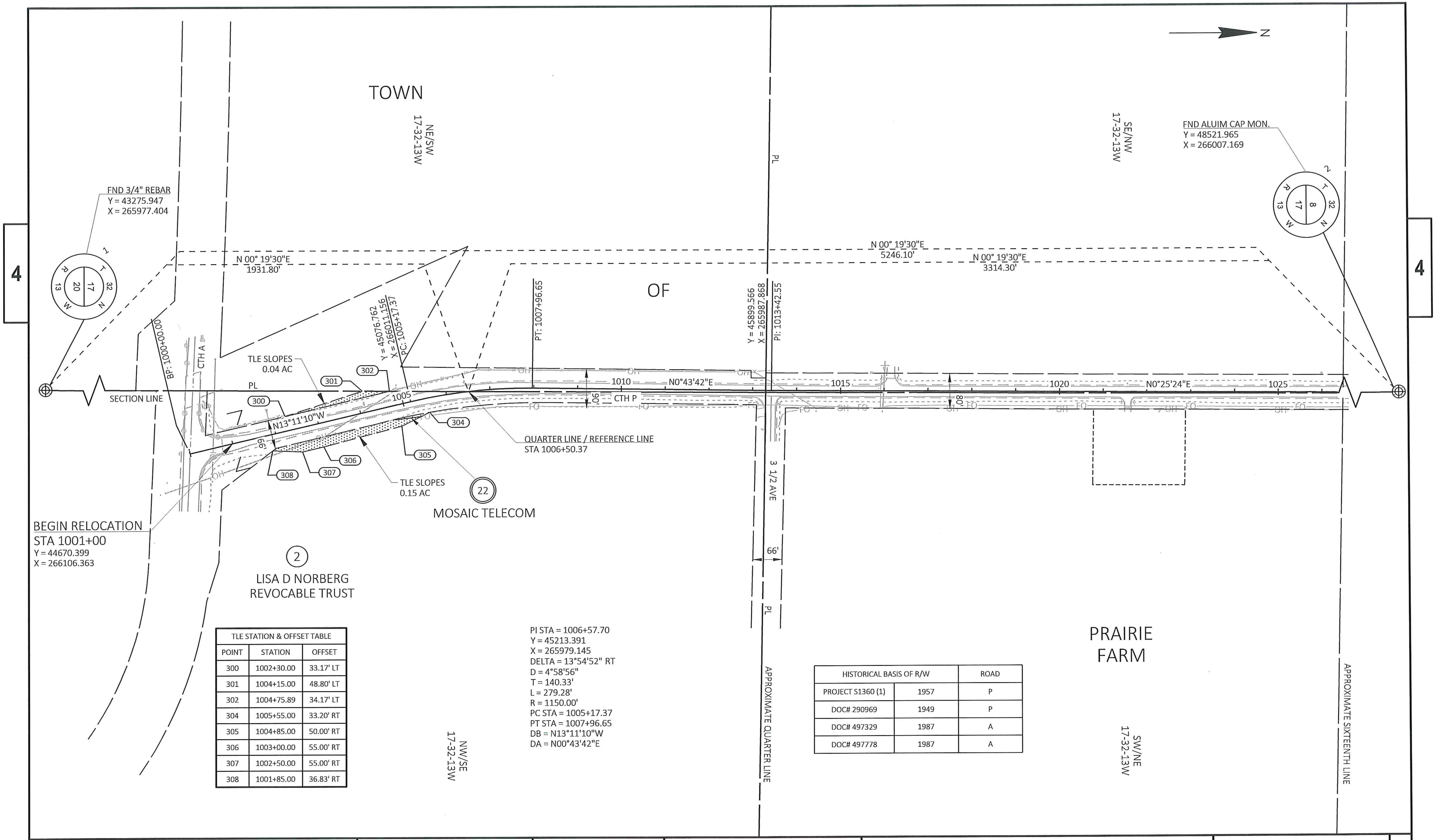
STATE R/W PROJECT NUMBER 8822-00-01
CONSTRUCTION PROJECT NUMBER 8822-00-71

PLAT SHEET 4.02
PS&E SHEET 28
E

FILE NAME : 4.02.DWG
LAYOUT NAME - 001

PLOT DATE : 4/20/2022 9:36 AM
PLOT BY : NICK ENGH
PLOT NAME :
PLOT SCALE : Custom

WISDOT/CADDS SHEET 60



TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
300	1002+30.00	33.17' LT
301	1004+15.00	48.80' LT
302	1004+75.89	34.17' LT
304	1005+55.00	33.20' RT
305	1004+85.00	50.00' RT
306	1003+00.00	55.00' RT
307	1002+50.00	55.00' RT
308	1001+85.00	36.83' RT

PI STA = 1006+57.70
Y = 45213.391
X = 265979.145
DELTA = 13°54'52" RT
D = 4°58'56"
T = 140.33'
L = 279.28'
R = 1150.00'
PC STA = 1005+17.37
PT STA = 1007+96.65
DB = N13°11'10"W
DA = N00°43'42"E

HISTORICAL BASIS OF R/W		ROAD
PROJECT S1360 (1)	1957	P
DOC# 290969	1949	P
DOC# 497329	1987	A
DOC# 497778	1987	A

REVISION DATE
4/20/2022

DATE

GRID FACTOR N/A

SCALE, FEET
0 100 200

HWY: CTH P
COUNTY: BARRON COUNTY

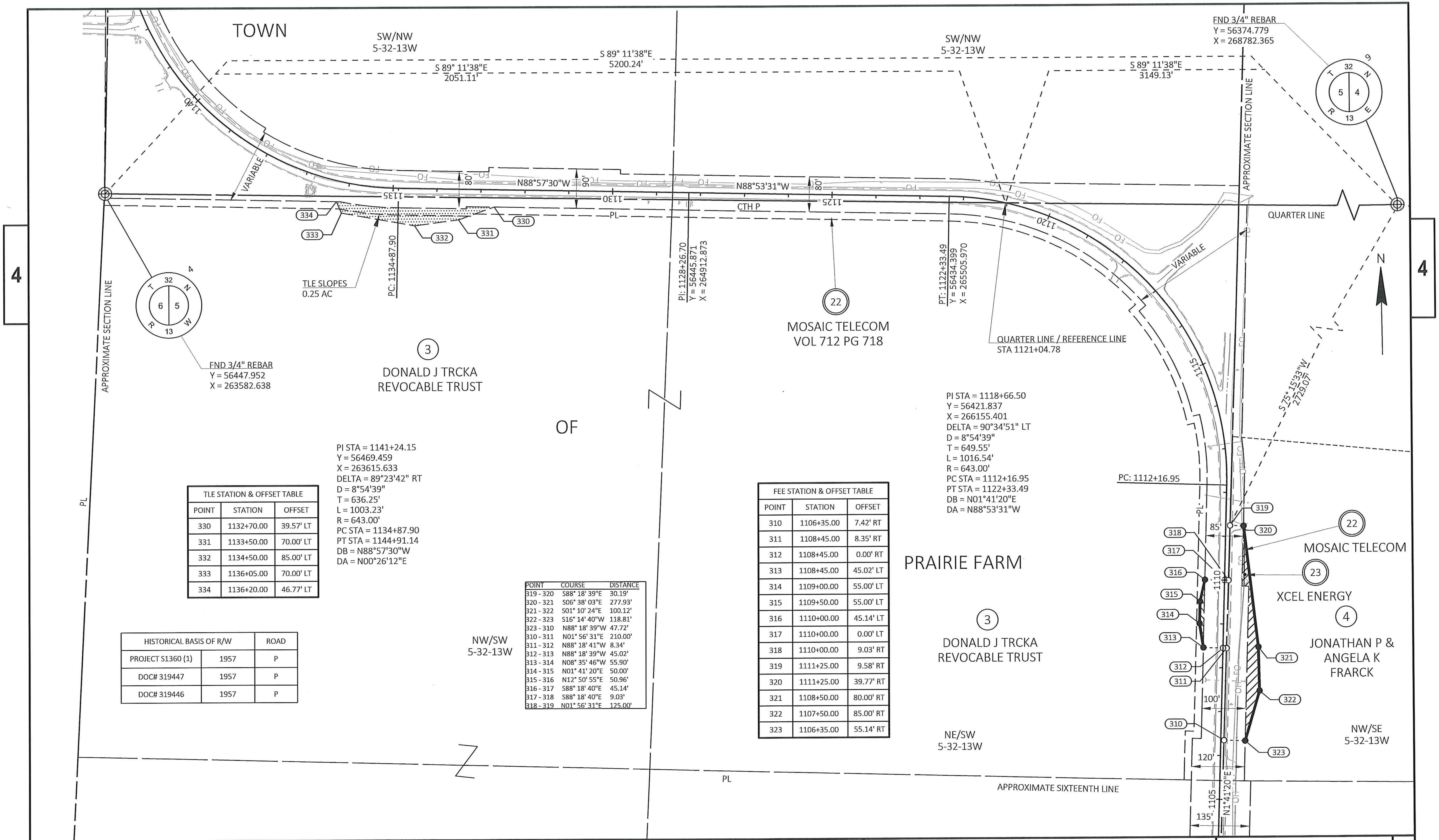
STATE R/W PROJECT NUMBER 8822-00-01
CONSTRUCTION PROJECT NUMBER 8822-00-71

PLAT SHEET 4.03
PS&E SHEET

E

FILE NAME : 4.01.DWG
LAYOUT NAME - 01

PLOT DATE : 4/20/2022 9:11 AM
PLOT BY : NICK ENGH
PLOT NAME :
PLOT SCALE : 1 IN:200 FT



PI STA = 1141+24.15
Y = 56469.459
X = 263615.633
DELTA = 89°23'42" RT
D = 8°54'39"
T = 636.25'
L = 1003.23'
R = 643.00'
PC STA = 1134+87.90
PT STA = 1144+91.14
DB = N88°57'30"W
DA = N00°26'12"E

PI STA = 1118+66.50
Y = 56421.837
X = 266155.401
DELTA = 90°34'51" LT
D = 8°54'39"
T = 649.55'
L = 1016.54'
R = 643.00'
PC STA = 1112+16.95
PT STA = 1122+33.49
DB = N01°41'20"E
DA = N88°53'31"W

TLE STATION & OFFSET TABLE

POINT	STATION	OFFSET
330	1132+70.00	39.57' LT
331	1133+50.00	70.00' LT
332	1134+50.00	85.00' LT
333	1136+05.00	70.00' LT
334	1136+20.00	46.77' LT

HISTORICAL BASIS OF R/W		ROAD
PROJECT S1360 (1)	1957	P
DOC# 319447	1957	P
DOC# 319446	1957	P

POINT	COURSE	DISTANCE
319 - 320	S88° 18' 39"E	30.19'
320 - 321	S06° 38' 03"E	277.93'
321 - 322	S01° 10' 24"E	100.12'
322 - 323	S16° 14' 40"W	118.81'
323 - 310	N88° 18' 39"W	47.72'
310 - 311	N01° 56' 31"E	210.00'
311 - 312	N88° 18' 41"W	8.34'
312 - 313	N88° 18' 39"W	45.02'
313 - 314	N08° 35' 46"W	55.90'
314 - 315	N01° 41' 20"E	50.00'
315 - 316	N12° 50' 55"E	50.96'
316 - 317	S88° 18' 40"E	45.14'
317 - 318	S88° 18' 40"E	9.03'
318 - 319	N01° 56' 31"E	125.00'

FEE STATION & OFFSET TABLE

POINT	STATION	OFFSET
310	1106+35.00	7.42' RT
311	1108+45.00	8.35' RT
312	1108+45.00	0.00' RT
313	1108+45.00	45.02' LT
314	1109+00.00	55.00' LT
315	1109+50.00	55.00' LT
316	1110+00.00	45.14' LT
317	1110+00.00	0.00' LT
318	1110+00.00	9.03' RT
319	1111+25.00	9.58' RT
320	1111+25.00	39.77' RT
321	1108+50.00	80.00' RT
322	1107+50.00	85.00' RT
323	1106+35.00	55.14' RT

REVISION DATE
4/20/2022

DATE

GRID FACTOR N/A

SCALE, FEET 0 100 200

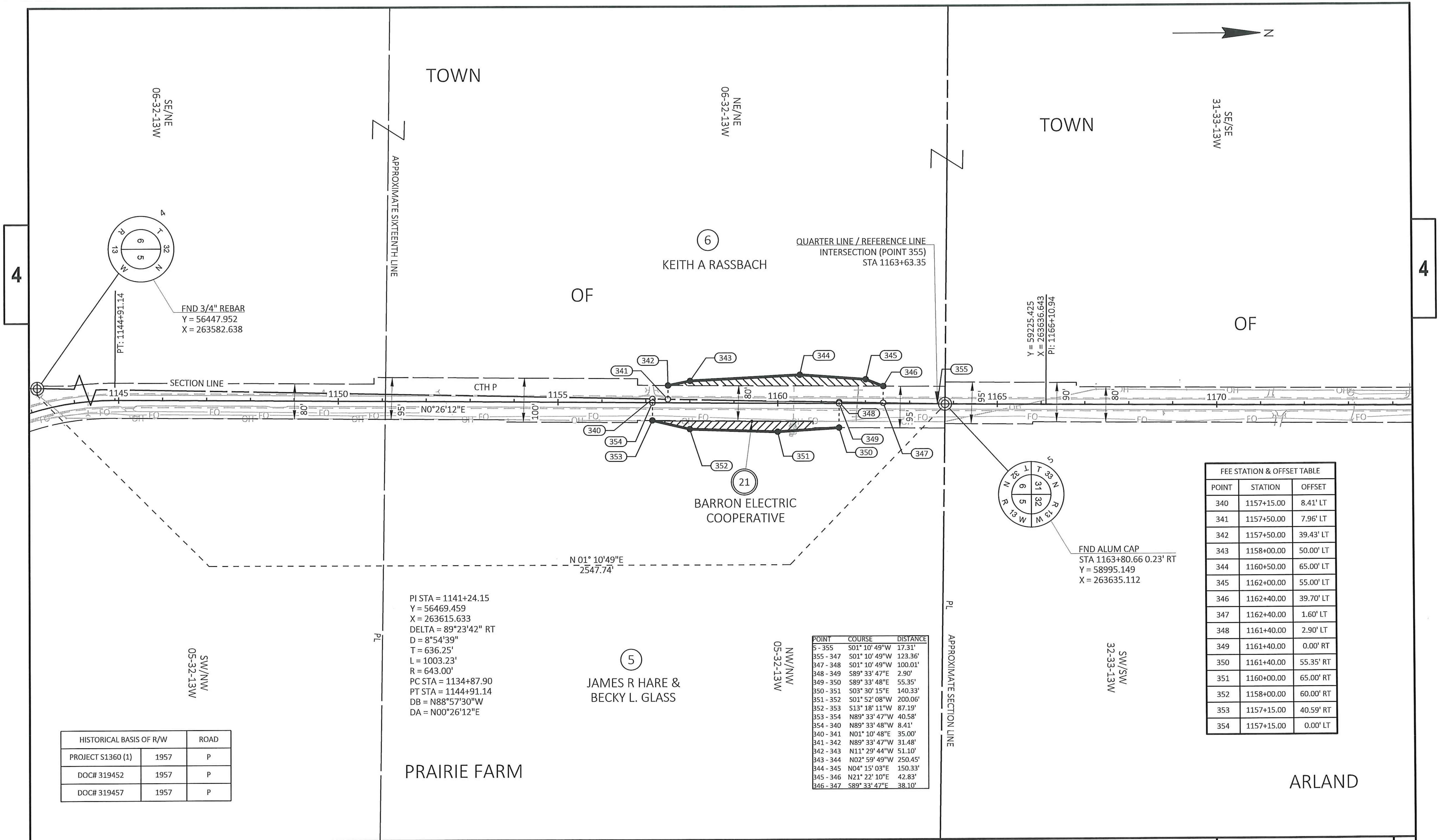
HWY: CTH P
COUNTY: BARRON COUNTY

STATE R/W PROJECT NUMBER 8822-00-01
CONSTRUCTION PROJECT NUMBER 8822-00-71

PLAT SHEET 4.04
PS&E SHEET

E

FILE NAME : 4.01.DWG
LAYOUT NAME - 02
PLOT DATE : 4/20/2022 9:34 AM
PLOT BY : NICK ENGH
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 75



PI STA = 1141+24.15
Y = 56469.459
X = 263615.633
DELTA = 89°23'42" RT
D = 8°54'39"
T = 636.25'
L = 1003.23'
R = 643.00'
PC STA = 1134+87.90
PT STA = 1144+91.14
DB = N88°57'30"W
DA = N00°26'12"E

HISTORICAL BASIS OF R/W		ROAD
PROJECT S1360 (1)	1957	P
DOC# 319452	1957	P
DOC# 319457	1957	P

POINT	COURSE	DISTANCE
5 - 355	S01° 10' 49"W	17.31'
355 - 347	S01° 10' 49"W	123.36'
347 - 348	S01° 10' 49"W	100.01'
348 - 349	S89° 33' 47"E	2.90'
349 - 350	S89° 33' 48"E	55.35'
350 - 351	S03° 30' 15"E	140.33'
351 - 352	S01° 52' 08"W	200.06'
352 - 353	S13° 18' 11"W	87.19'
353 - 354	N89° 33' 47"W	40.58'
354 - 340	N89° 33' 48"W	8.41'
340 - 341	N01° 10' 48"E	35.00'
341 - 342	N89° 33' 47"W	31.48'
342 - 343	N11° 29' 44"W	51.10'
343 - 344	N02° 59' 49"W	250.45'
344 - 345	N04° 15' 03"E	150.33'
345 - 346	N21° 22' 10"E	42.83'
346 - 347	S89° 33' 47"E	38.10'

FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
340	1157+15.00	8.41' LT
341	1157+50.00	7.96' LT
342	1157+50.00	39.43' LT
343	1158+00.00	50.00' LT
344	1160+50.00	65.00' LT
345	1162+00.00	55.00' LT
346	1162+40.00	39.70' LT
347	1162+40.00	1.60' LT
348	1161+40.00	2.90' LT
349	1161+40.00	0.00' RT
350	1161+40.00	55.35' RT
351	1160+00.00	65.00' RT
352	1158+00.00	60.00' RT
353	1157+15.00	40.59' RT
354	1157+15.00	0.00' LT

REVISION DATE
4/20/2022

DATE

GRID FACTOR N/A

SCALE, FEET
0 100 200

HWY: CTH P
COUNTY: BARRON COUNTY

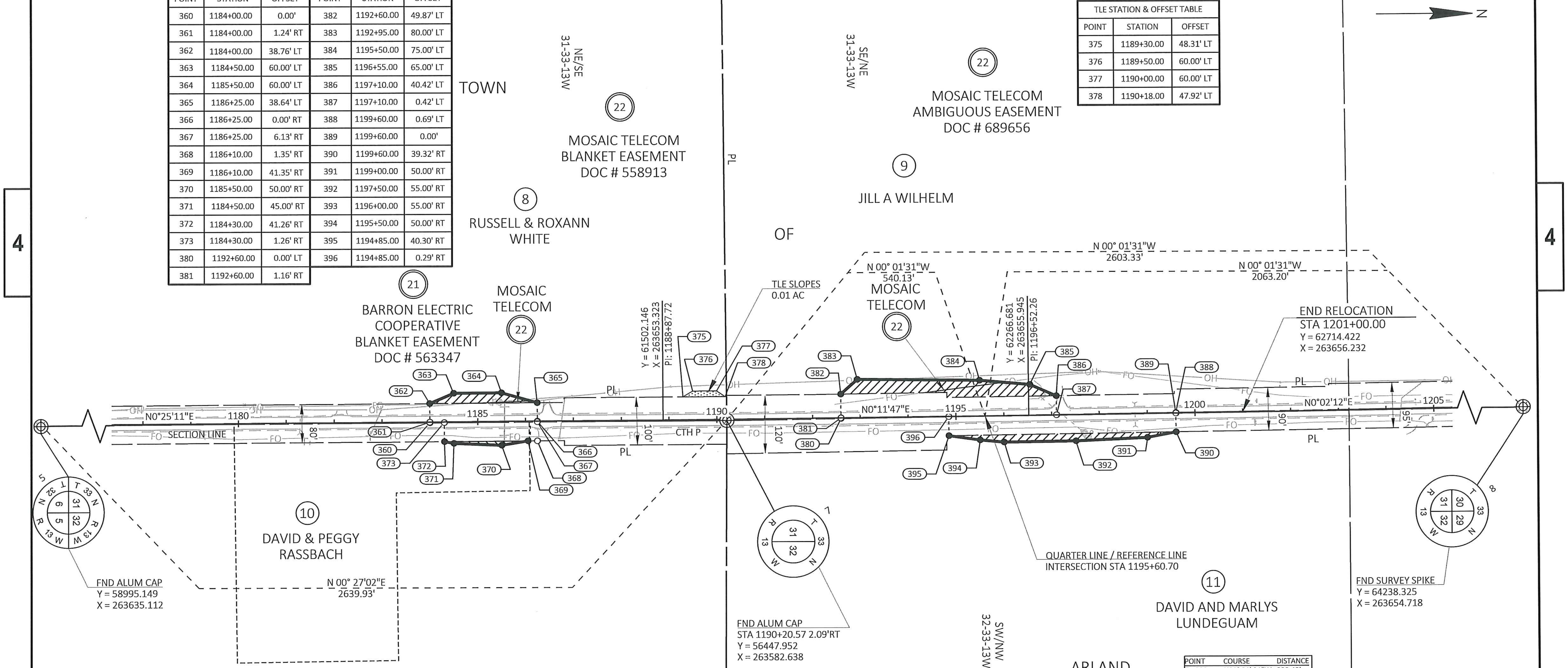
STATE R/W PROJECT NUMBER 8822-00-01
CONSTRUCTION PROJECT NUMBER 8822-00-71

PLAT SHEET 4.05
PS&E SHEET 31
E

FILE NAME : 4.01.DWG
LAYOUT NAME - 03
PLOT DATE : 4/20/2022 9:35 AM
PLOT BY : NICK ENGH
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 75

FEE STATION & OFFSET TABLE			FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
360	1184+00.00	0.00'	382	1192+60.00	49.87' LT
361	1184+00.00	1.24' RT	383	1192+95.00	80.00' LT
362	1184+00.00	38.76' LT	384	1195+50.00	75.00' LT
363	1184+50.00	60.00' LT	385	1196+55.00	65.00' LT
364	1185+50.00	60.00' LT	386	1197+10.00	40.42' LT
365	1186+25.00	38.64' LT	387	1197+10.00	0.42' LT
366	1186+25.00	0.00' RT	388	1199+60.00	0.69' LT
367	1186+25.00	6.13' RT	389	1199+60.00	0.00'
368	1186+10.00	1.35' RT	390	1199+60.00	39.32' RT
369	1186+10.00	41.35' RT	391	1199+00.00	50.00' RT
370	1185+50.00	50.00' RT	392	1197+50.00	55.00' RT
371	1184+50.00	45.00' RT	393	1196+00.00	55.00' RT
372	1184+30.00	41.26' RT	394	1195+50.00	50.00' RT
373	1184+30.00	1.26' RT	395	1194+85.00	40.30' RT
380	1192+60.00	0.00' LT	396	1194+85.00	0.29' RT
381	1192+60.00	1.16' RT			

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
375	1189+30.00	48.31' LT
376	1189+50.00	60.00' LT
377	1190+00.00	60.00' LT
378	1190+18.00	47.92' LT



HISTORICAL BASIS OF R/W		ROAD
PROJECT S1360 (1)	1957	P
DOC# 319458	1957	P
DOC# 319459	1957	P
DOC# 811863	2014	P
DOC# 319136	1957	P
DOC# 811461	2014	P

POINT	COURSE	DISTANCE
7 - 367	S00° 27' 02"W	395.58'
367 - 368	S89° 34' 49"E	40.00'
368 - 369	S0° 27' 02"E	20.00'
369 - 370	S08° 31' 03"E	55.68'
370 - 371	S03° 16' 56"W	100.12'
371 - 372	S11° 01' 17"W	20.35'
372 - 373	N89° 34' 49"W	40.00'
373 - 360	S00° 27' 02"W	30.00'
360 - 361	N89° 34' 49"W	1.24'
361 - 362	N89° 34' 49"W	38.76'
362 - 363	N22° 35' 47"W	54.32'
363 - 364	N00° 25' 11"E	100.00'
364- -365	N16° 19' 03"E	77.98'
365 - 366	S89° 34' 49"E	38.64'
366 - 367	S89° 34' 49"E	1.36'

POINT	COURSE	DISTANCE
7 - 380	N00° 01' 31"W	239.43'
380 - 381	N89° 48' 11"W	1.17'
381 - 382	N89° 48' 13"W	49.87'
382 - 383	N40° 31' 43"W	46.18'
383 - 384	N01° 19' 11"E	255.05'
384 - 385	N05° 38' 32"E	105.29'
385 - 386	N24° 07' 10"E	60.24'
386 - 387	S89° 57' 48"E	40.00'
387 - 388	N00° 01' 31"W	250.00'
388 - 389	S89° 58' 00"E	0.69'
389 - 390	S89° 57' 48"E	39.32'
390 - 391	S10° 03' 35"E	60.94'
391 - 392	S01° 52' 21"E	150.08'
392 - 393	S00° 05' 33"W	150.15'
393 - 394	S05° 54' 26"W	50.25'
394 - 395	S08° 41' 10"W	65.72'
395 - 396	N89° 48' 13"W	40.00'
396 - 380	S00° 01' 31"E	225.00'

REVISION DATE
4/20/2022

DATE

GRID FACTOR N/A

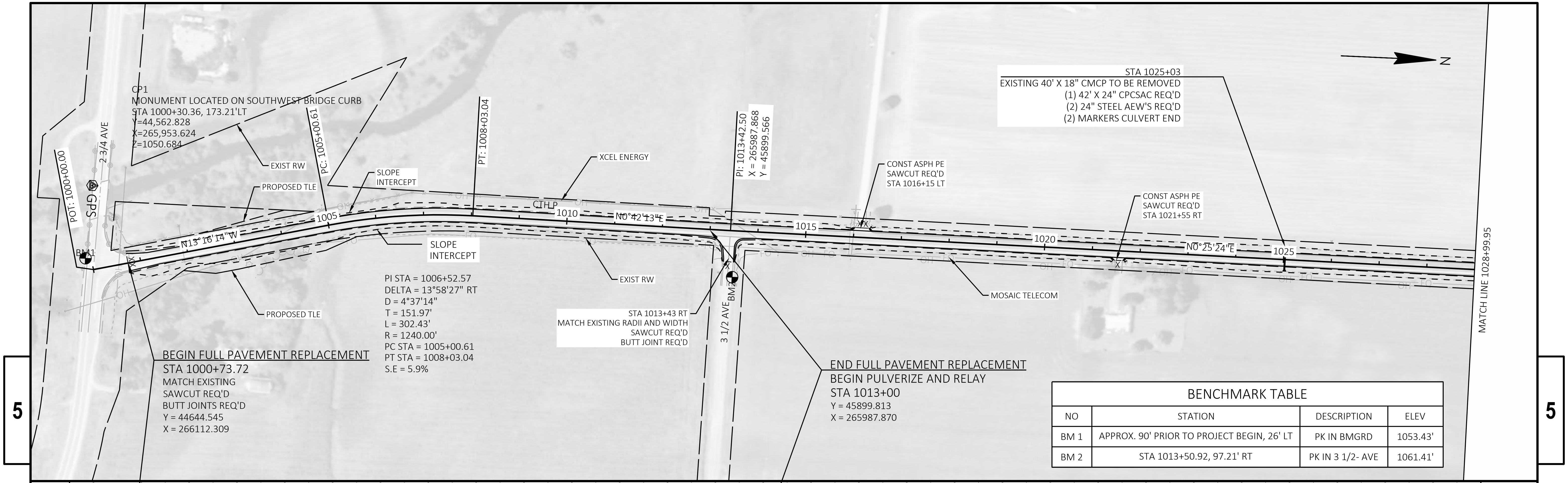
SCALE, FEET
0 100 200

HWY: CTH P
COUNTY: BARRON COUNTY

STATE R/W PROJECT NUMBER 8822-00-01
CONSTRUCTION PROJECT NUMBER 8822-00-71

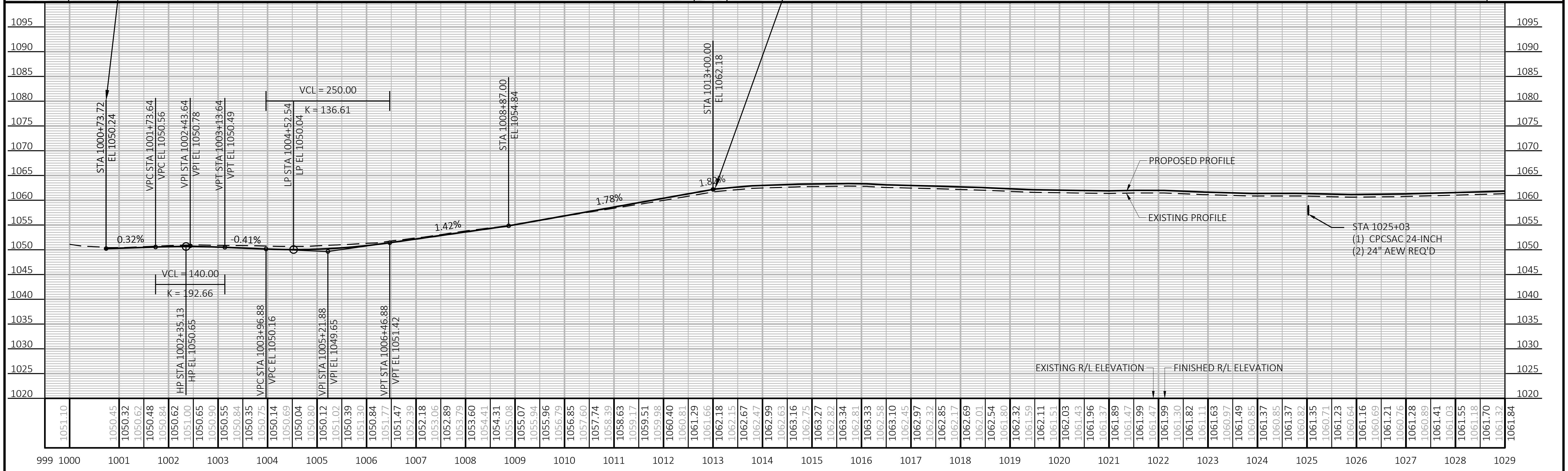
PLAT SHEET 4.06
PS&E SHEET
E

FILE NAME : 4.01.DWG
LAYOUT NAME - 04
PLOT DATE : 4/20/2022 9:36 AM
PLOT BY : NICK ENGH
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 75



BENCHMARK TABLE

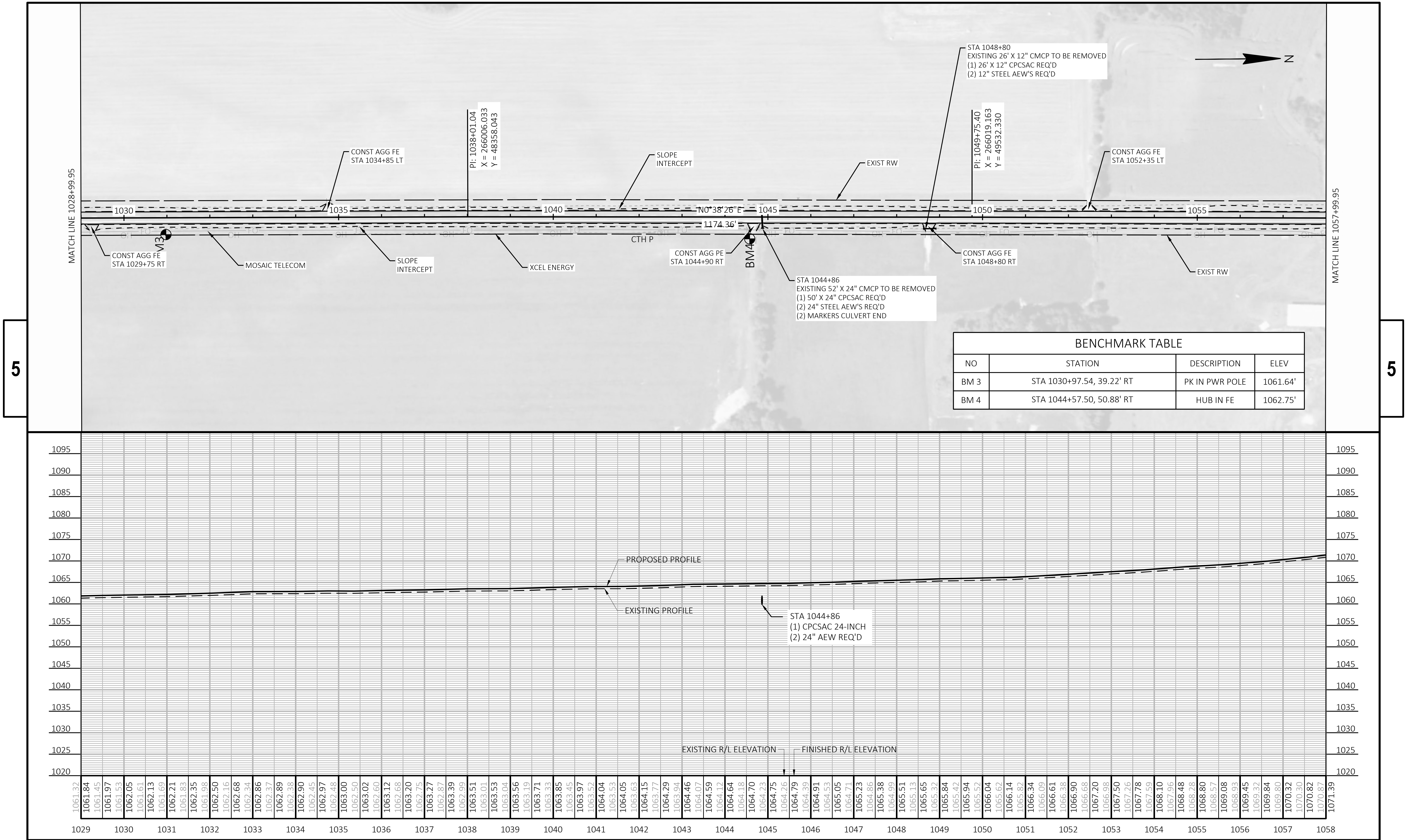
NO	STATION	DESCRIPTION	ELEV
BM 1	APPROX. 90' PRIOR TO PROJECT BEGIN, 26' LT	PK IN BMGRD	1053.43'
BM 2	STA 1013+50.92, 97.21' RT	PK IN 3 1/2- AVE	1061.41'



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	PLAN AND PROFILE: CTH P	SHEET 33	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\050101_PP_CTH P.DWG
LAYOUT NAME - 01

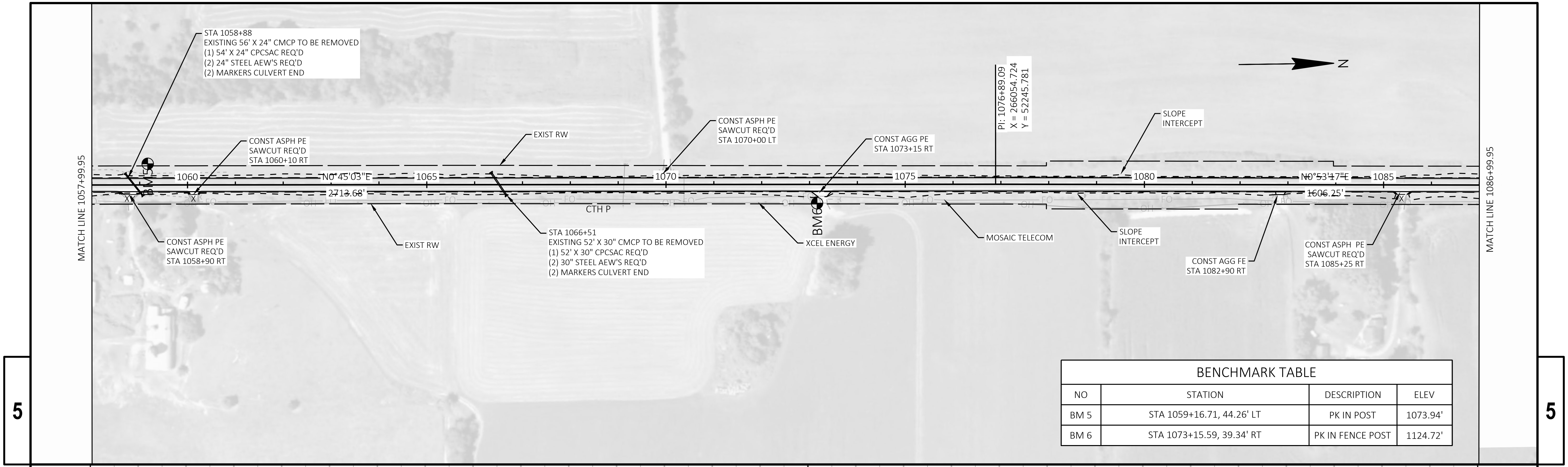
PLOT DATE : 9/20/2022 11:29 AM
PLOT BY : JONATHAN GILL
PLOT NAME :
PLOT SCALE : 1 IN:200 FT



BENCHMARK TABLE

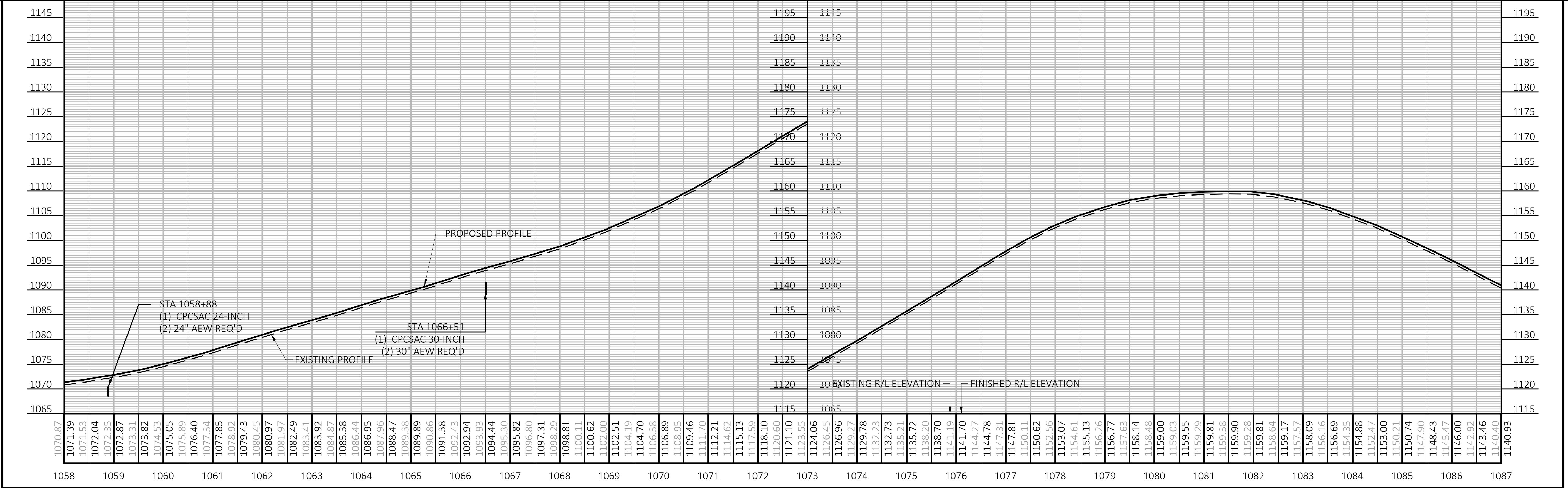
NO	STATION	DESCRIPTION	ELEV
BM 3	STA 1030+97.54, 39.22' RT	PK IN PWR POLE	1061.64'
BM 4	STA 1044+57.50, 50.88' RT	HUB IN FE	1062.75'

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	PLAN AND PROFILE: CTH P	SHEET 34	E



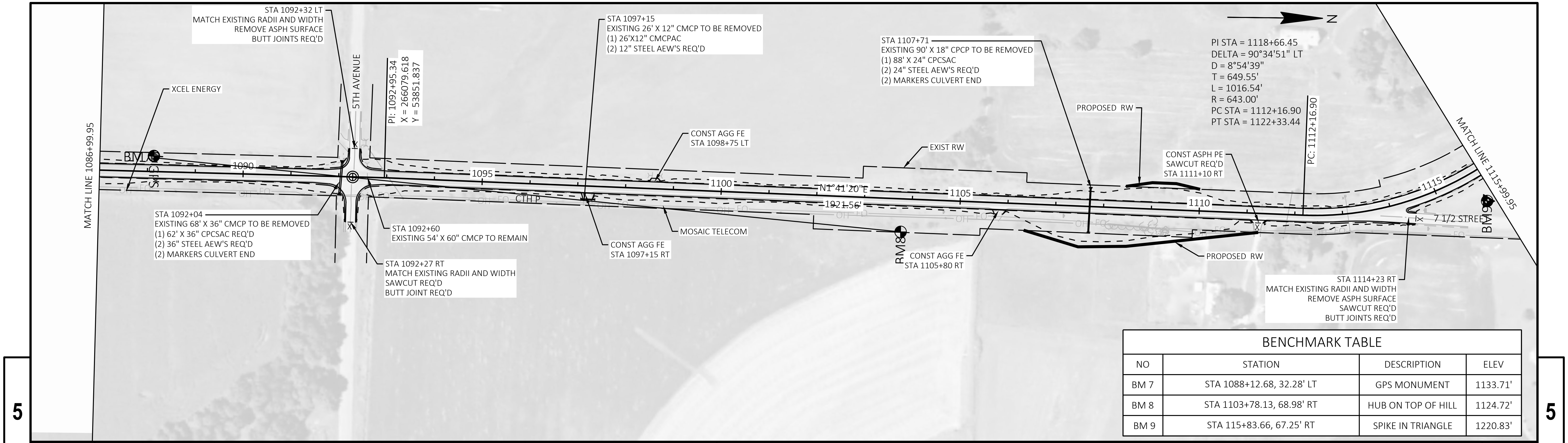
BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
BM 5	STA 1059+16.71, 44.26' LT	PK IN POST	1073.94'
BM 6	STA 1073+15.59, 39.34' RT	PK IN FENCE POST	1124.72'



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	PLAN AND PROFILE: CTH P	SHEET	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\050101_PP_CTH P.DWG
LAYOUT NAME - 03
PLOT DATE : 9/20/2022 11:29 AM
PLOT BY : JONATHAN GILL
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

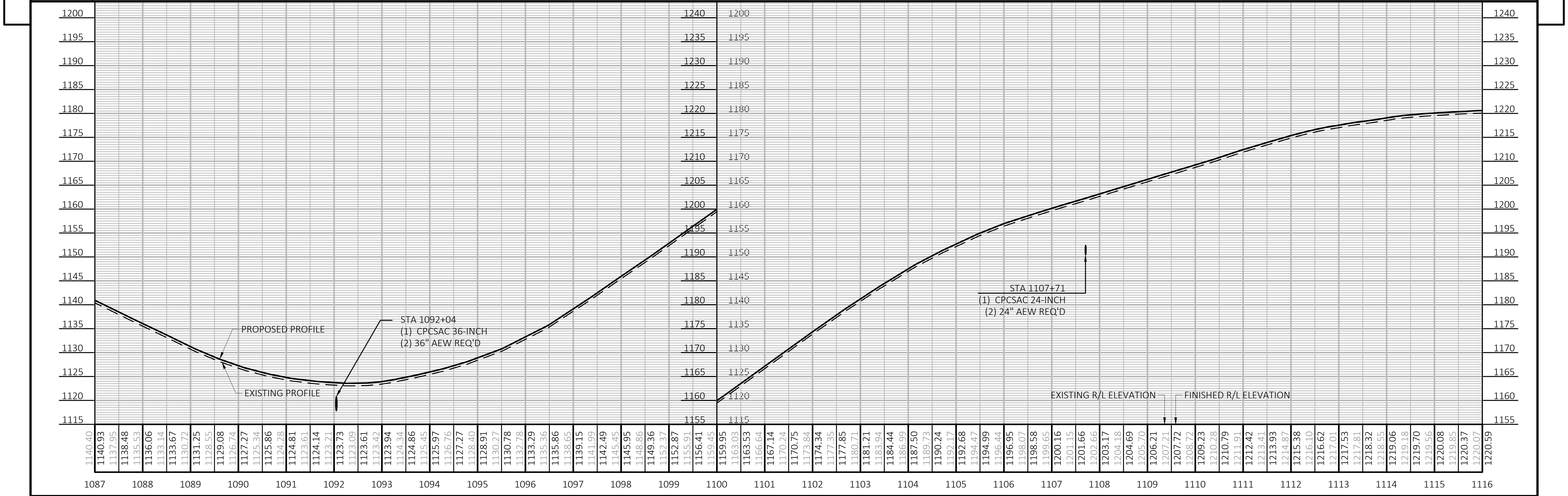


BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
BM 7	STA 1088+12.68, 32.28' LT	GPS MONUMENT	1133.71'
BM 8	STA 1103+78.13, 68.98' RT	HUB ON TOP OF HILL	1124.72'
BM 9	STA 115+83.66, 67.25' RT	SPIKE IN TRIANGLE	1220.83'

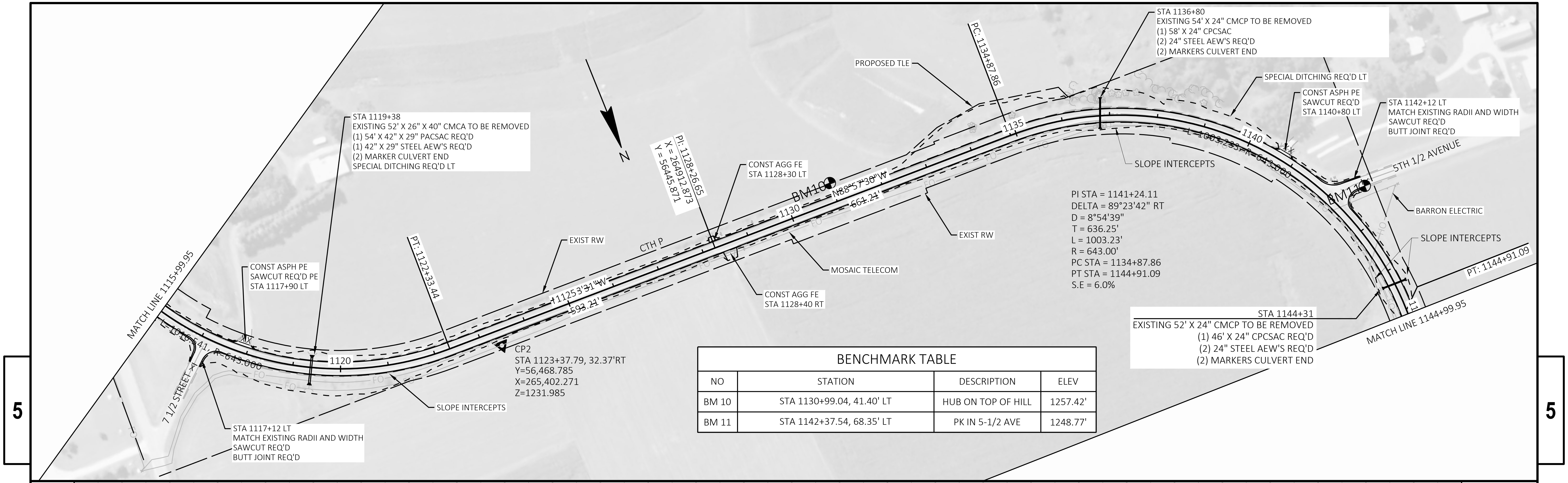
5

5



PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | PLAN AND PROFILE: CTH P | SHEET 36 | E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\050101_PP_CTH P.DWG
LAYOUT NAME - 04
PLOT DATE : 9/20/2022 11:29 AM
PLOT BY : JONATHAN GILL
PLOT NAME :
PLOT SCALE : 1 IN:200 FT



STA 1119+38
EXISTING 52' X 26" X 40" CMCA TO BE REMOVED
(1) 54' X 42" X 29" PACSAC REQ'D
(1) 42" X 29" STEEL AEW'S REQ'D
(2) MARKER CULVERT END
SPECIAL DITCHING REQ'D LT

CONST ASPH PE
SAWCUT REQ'D PE
STA 1117+90 LT

STA 1117+12 LT
MATCH EXISTING RADII AND WIDTH
SAWCUT REQ'D
BUTT JOINT REQ'D

SLOPE INTERCEPTS

EXIST RW

CP2
STA 1123+37.79, 32.37'RT
Y=56,468.785
X=265,402.271
Z=1231.985

CONST AGG FE
STA 1128+30 LT

CONST AGG FE
STA 1128+40 RT

MOSAIC TELECOM

EXIST RW

PROPOSED TLE

STA 1136+80
EXISTING 54' X 24" CMCP TO BE REMOVED
(1) 58' X 24" CPCSAC
(2) 24" STEEL AEW'S REQ'D
(2) MARKERS CULVERT END

SPECIAL DITCHING REQ'D LT

CONST ASPH PE
SAWCUT REQ'D
STA 1140+80 LT

STA 1142+12 LT
MATCH EXISTING RADII AND WIDTH
SAWCUT REQ'D
BUTT JOINT REQ'D

SLOPE INTERCEPTS

BARRON ELECTRIC

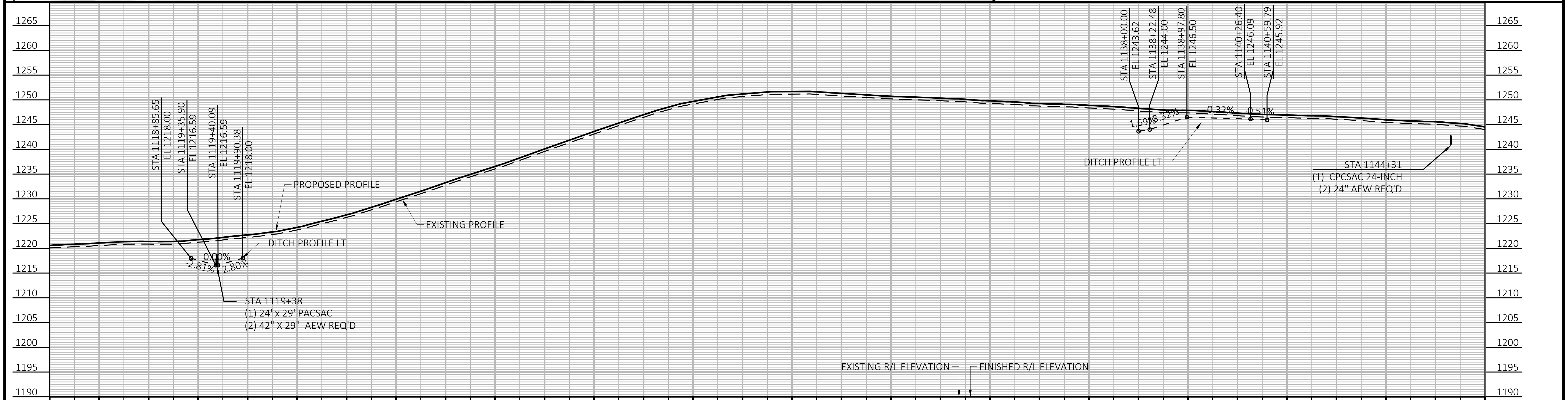
SLOPE INTERCEPTS

PI STA = 1141+24.11
DELTA = 89°23'42" RT
D = 8°54'39"
T = 636.25'
L = 1003.23'
R = 643.00'
PC STA = 1134+87.86
PT STA = 1144+91.09
S.E = 6.0%

STA 1144+31
EXISTING 52' X 24" CMCP TO BE REMOVED
(1) 46' X 24" CPCSAC REQ'D
(2) 24" STEEL AEW'S REQ'D
(2) MARKERS CULVERT END

BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
BM 10	STA 1130+99.04, 41.40' LT	HUB ON TOP OF HILL	1257.42'
BM 11	STA 1142+37.54, 68.35' LT	PK IN 5-1/2 AVE	1248.77'



PROPOSED PROFILE

EXISTING PROFILE

DITCH PROFILE LT

STA 1119+38
(1) 24' x 29' PACSAC
(2) 42" X 29" AEW REQ'D

DITCH PROFILE LT

STA 1144+31
(1) CPCSAC 24-INCH
(2) 24" AEW REQ'D

EXISTING R/L ELEVATION
FINISHED R/L ELEVATION

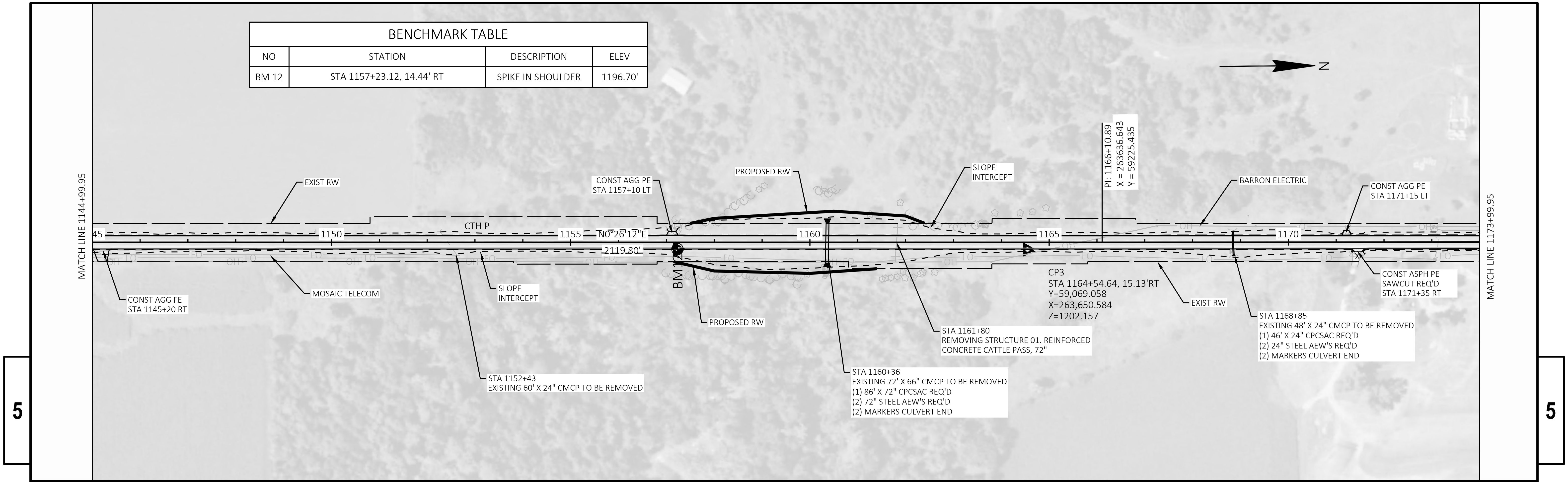
1116	1220.07	1220.59
	1220.31	1220.83
1117	1220.57	1221.09
	1220.82	1221.34
1118	1220.86	1221.38
	1220.86	1221.38
1119	1221.23	1221.75
	1221.69	1222.21
1120	1222.19	1222.71
	1222.79	1223.31
1121	1223.71	1224.23
	1224.97	1225.48
1122	1226.26	1226.77
	1227.77	1228.28
1123	1229.39	1229.91
	1231.04	1231.55
1124	1232.75	1233.26
	1234.43	1234.94
1125	1236.04	1236.55
	1237.77	1238.29
1126	1239.57	1240.08
	1241.34	1241.85
1127	1243.10	1243.61
	1244.80	1245.31
1128	1246.48	1246.99
	1248.00	1248.52
1129	1249.15	1249.67
	1250.07	1250.59
1130	1250.66	1251.18
	1251.07	1251.59
1131	1251.16	1251.68
	1251.10	1251.63
1132	1250.78	1251.31
	1250.47	1250.99
1133	1250.19	1250.72
	1250.01	1250.53
1134	1249.81	1250.34
	1249.58	1250.11
1135	1249.27	1249.80
	1249.05	1249.57
1136	1248.74	1249.26
	1248.57	1249.10
1137	1248.36	1248.88
	1248.12	1248.64
1138	1247.76	1248.28
	1247.43	1247.96
1139	1247.35	1247.87
	1247.12	1247.64
1140	1246.81	1247.33
	1246.54	1247.06
1141	1246.41	1246.93
	1246.26	1246.78
1142	1246.08	1246.60
	1245.79	1246.31
1143	1245.45	1245.97
	1245.20	1245.72
1144	1245.05	1245.58
	1244.70	1245.23
1145	1244.01	1244.53

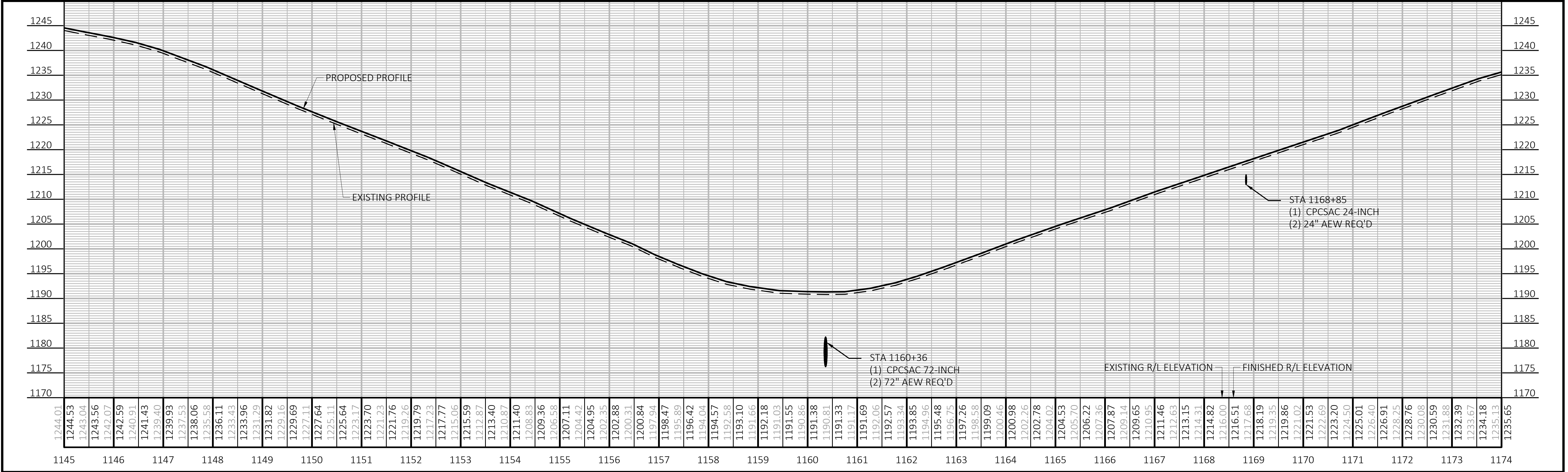
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	PLAN AND PROFILE: CTH P	SHEET 37	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\050101_PP_CTH P.DWG
LAYOUT NAME - 05
PLOT DATE : 9/26/2022 5:23 PM
PLOT BY : JONATHAN GILL
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

BENCHMARK TABLE

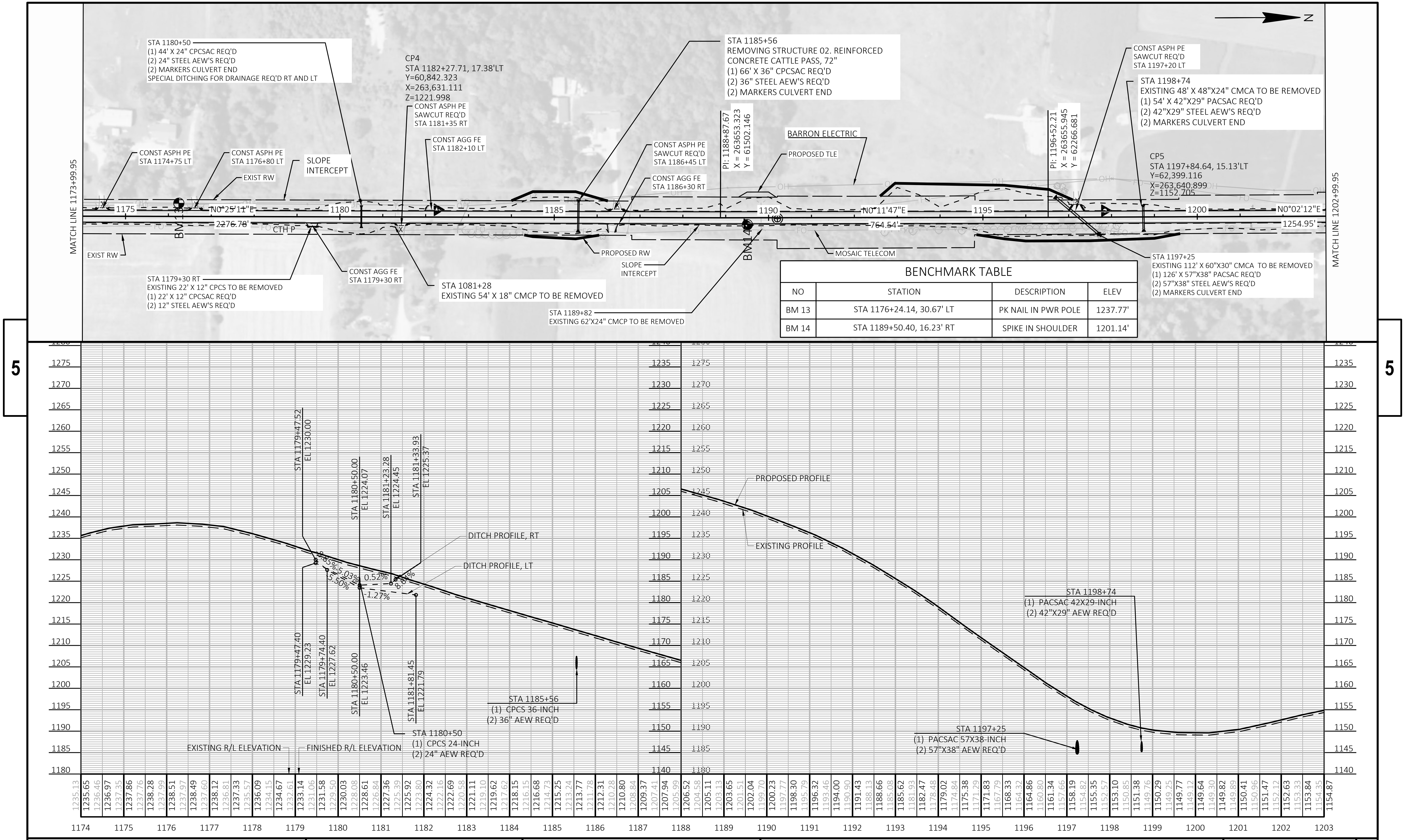
NO	STATION	DESCRIPTION	ELEV
BM 12	STA 1157+23.12, 14.44' RT	SPIKE IN SHOULDER	1196.70'





PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | PLAN AND PROFILE: CTH P | SHEET 38 | E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\050101_PP_CTH P.DWG
LAYOUT NAME - 06
PLOT DATE : 9/20/2022 11:30 AM
PLOT BY : JONATHAN GILL
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

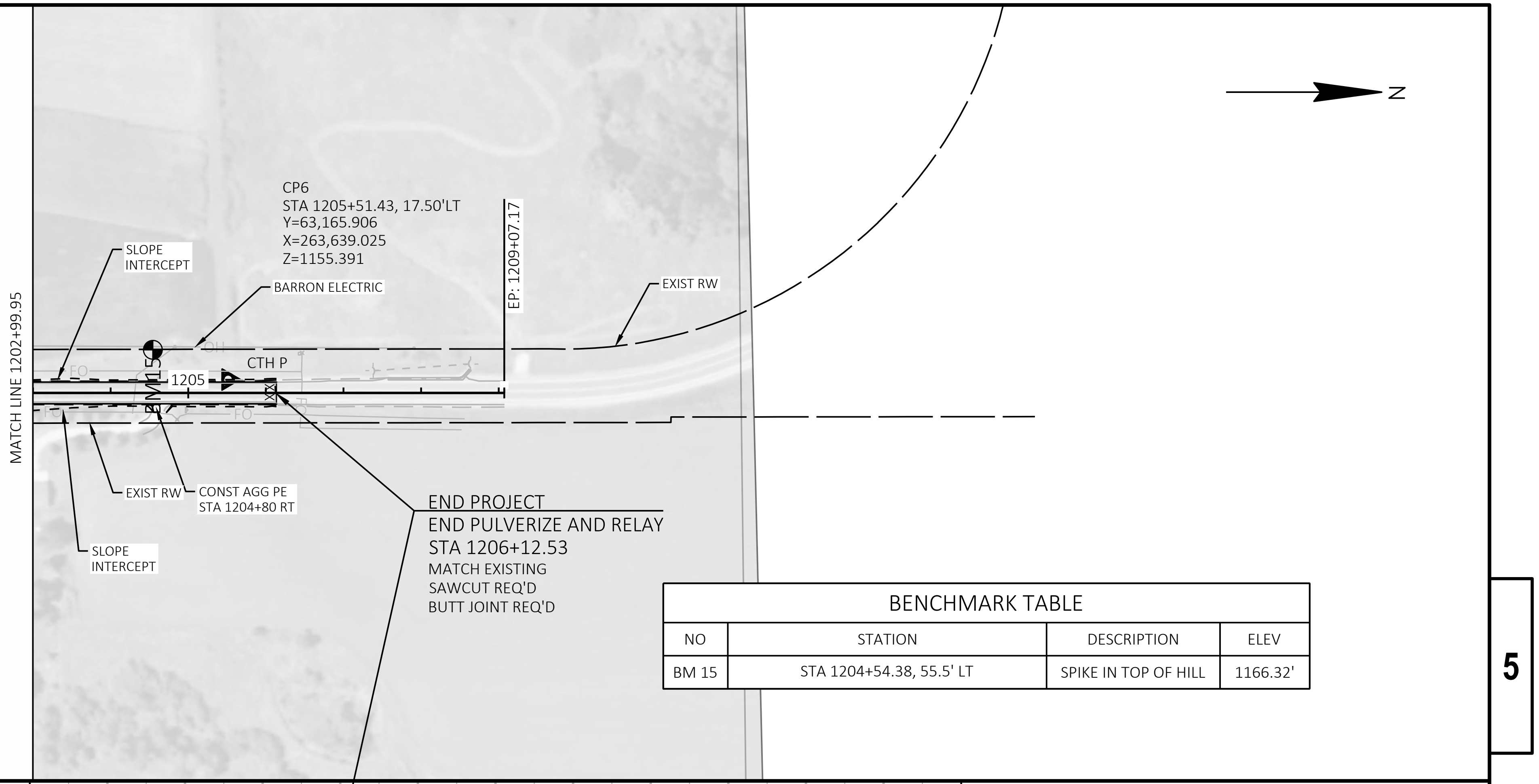


BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
BM 13	STA 1176+24.14, 30.67' LT	PK NAIL IN PWR POLE	1237.77'
BM 14	STA 1189+50.40, 16.23' RT	SPIKE IN SHOULDER	1201.14'

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	PLAN AND PROFILE: CTH P	SHEET 39	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\050101_PP_CTH P.DWG
LAYOUT NAME - 07
PLOT DATE : 9/20/2022 11:30 AM
PLOT BY : JONATHAN GILL
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

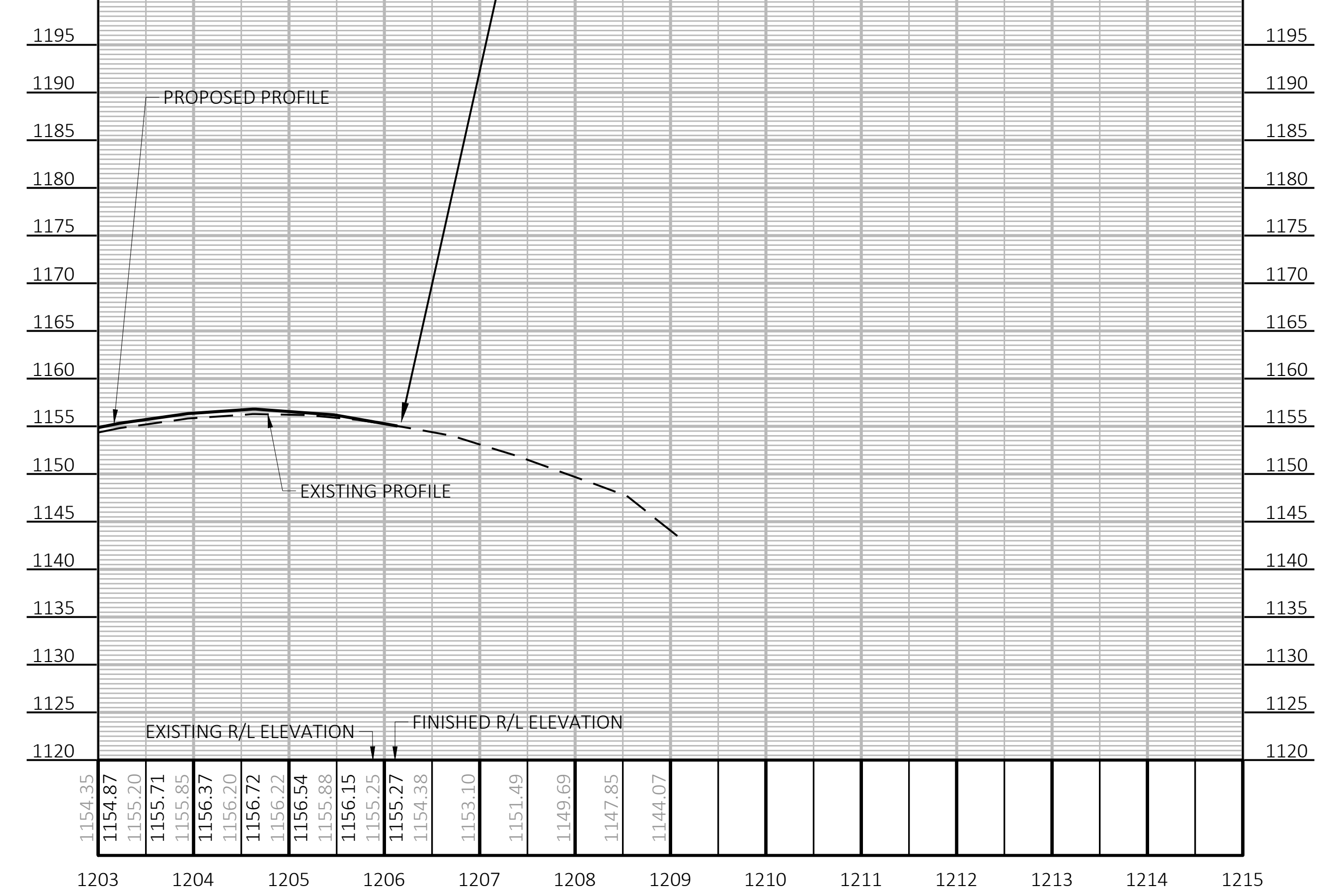


5

5

BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
BM 15	STA 1204+54.38, 55.5' LT	SPIKE IN TOP OF HILL	1166.32'



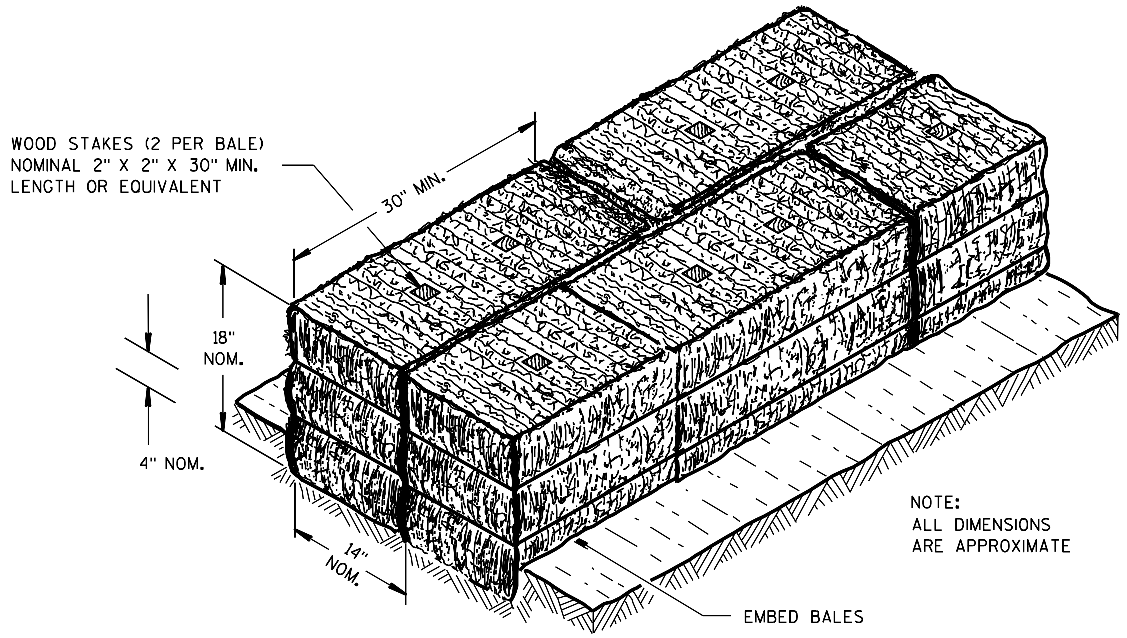
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	PLAN AND PROFILE: CTH P	SHEET 40	E

Standard Detail Drawing List

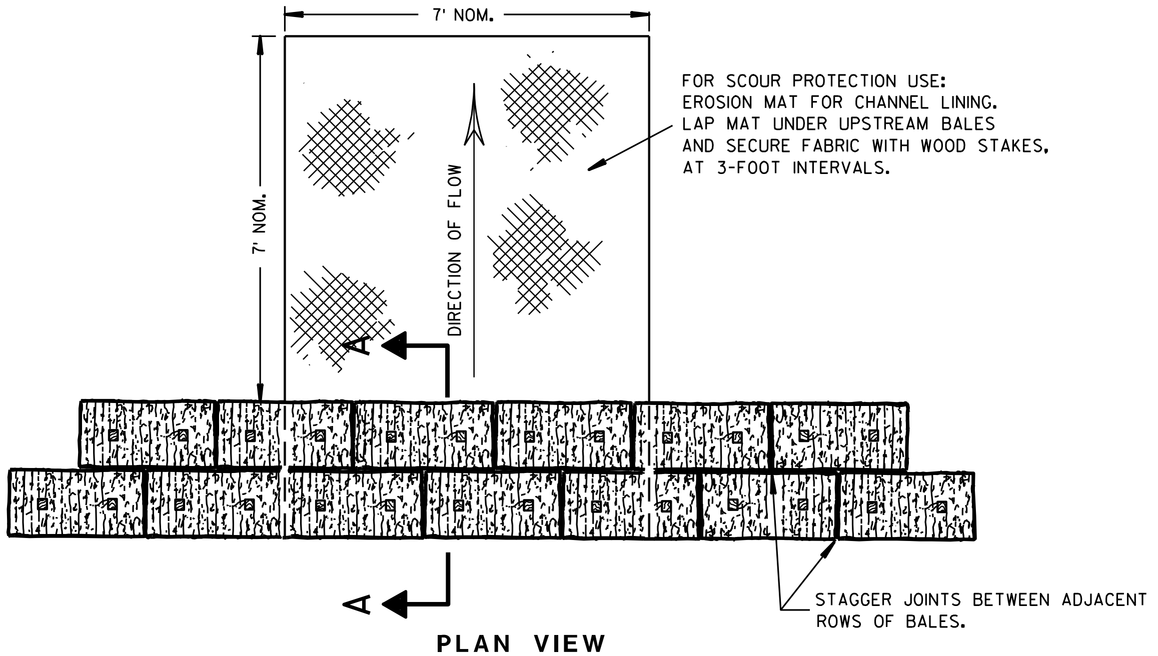
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F02-01	APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE
09A01-13A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
13C19-03	HMA LONGITUDINAL JOINTS
15A01-13B	FLEXIBLE MARKER POST FOR RIGHT-OF-WAY
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-08B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-08F	ADVANCED WIDTH RESTRICTION SIGNING
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-21A	LONGITUDINAL MARKING (MAINLINE)
15C11-09B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-07A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C35-05A	PAVEMENT MARKING (INTERSECTIONS)
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING

6

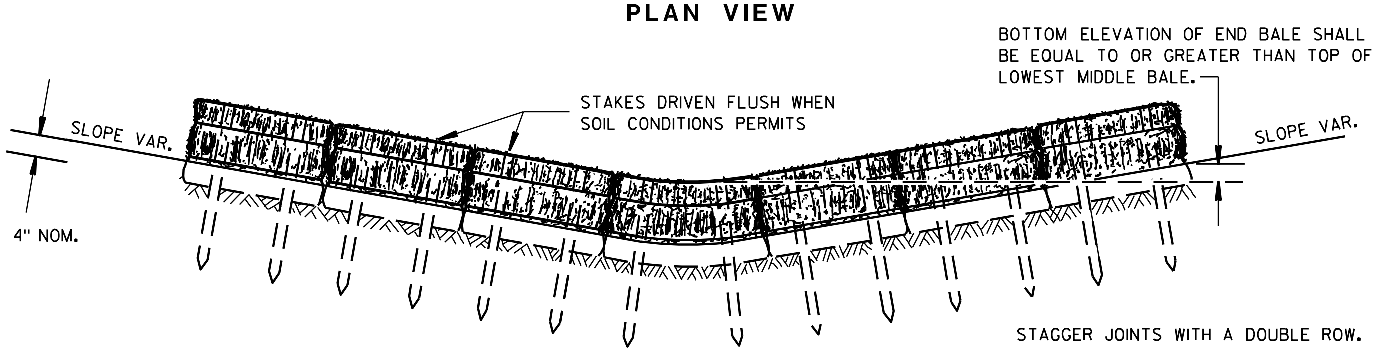
6



SECTION A-A



PLAN VIEW



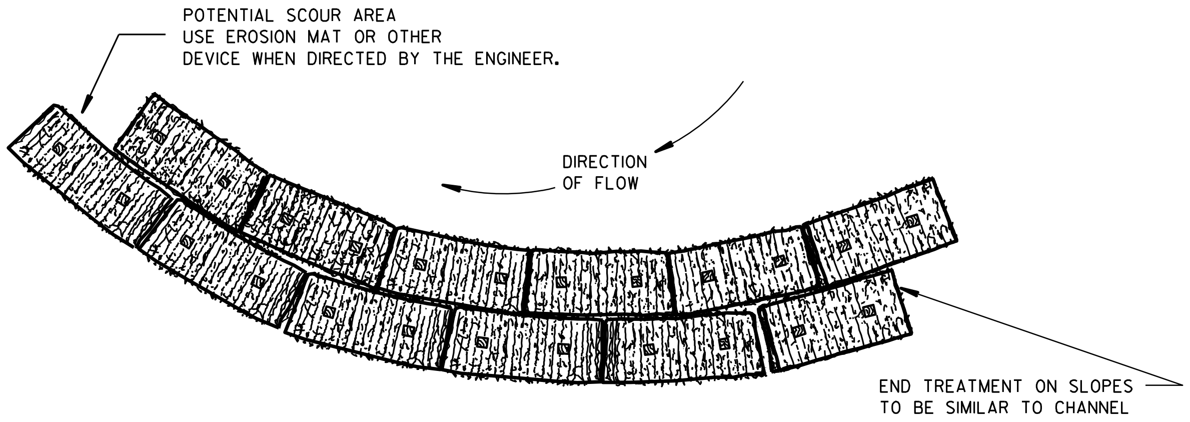
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

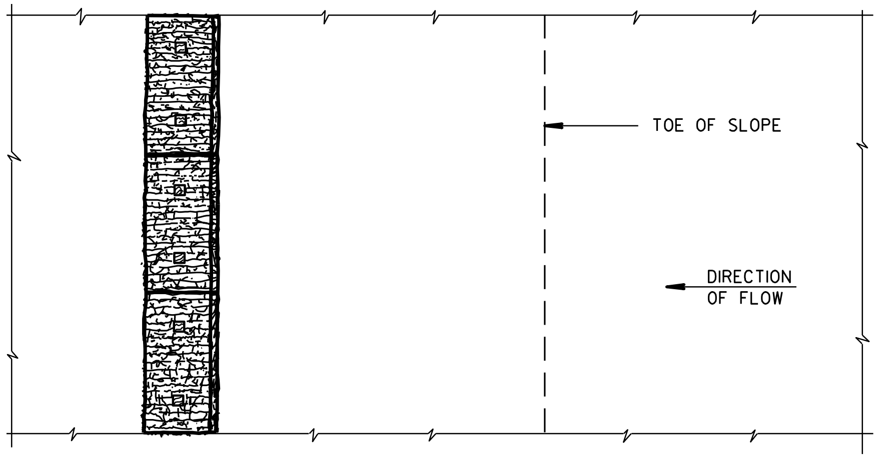
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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.

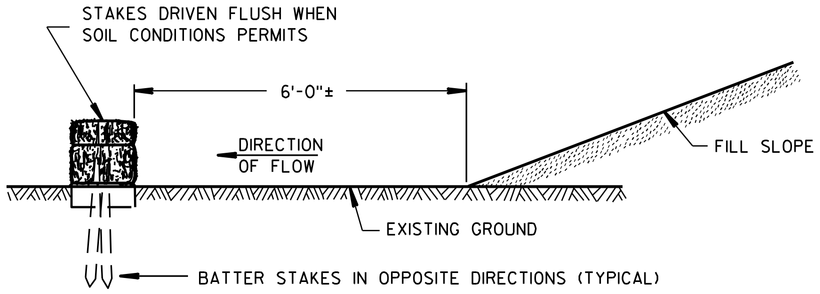


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

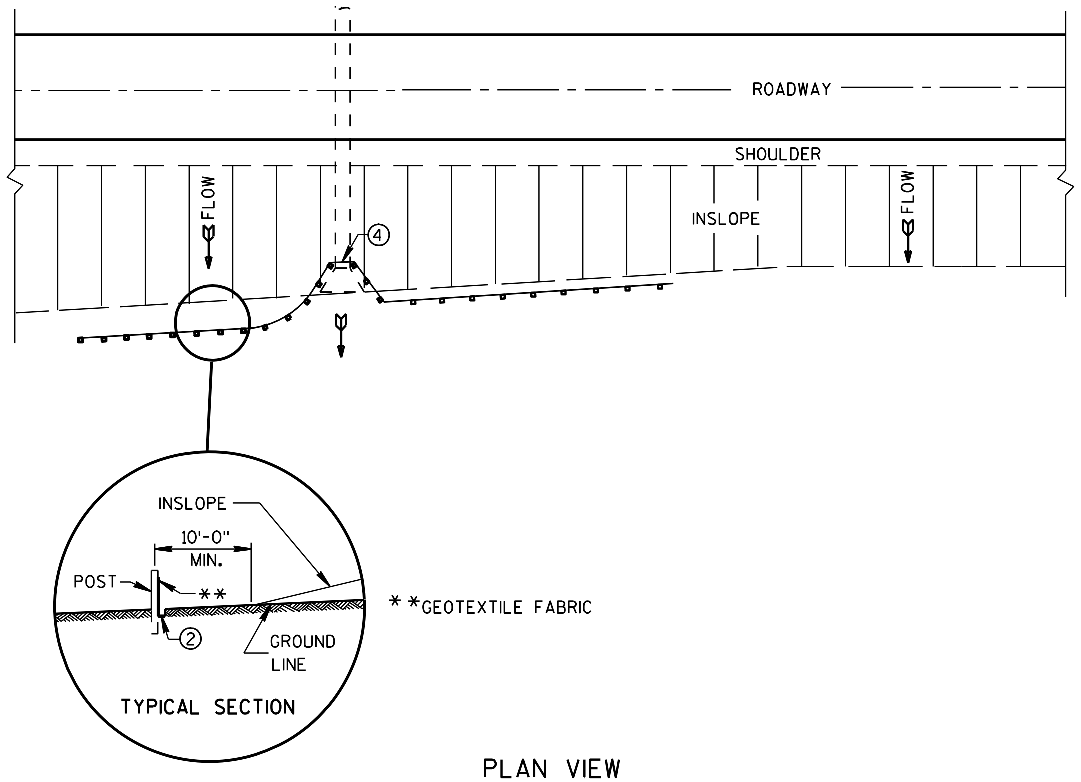
WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF
EROSION BALES / TEMPORARY
DITCH CHECKS

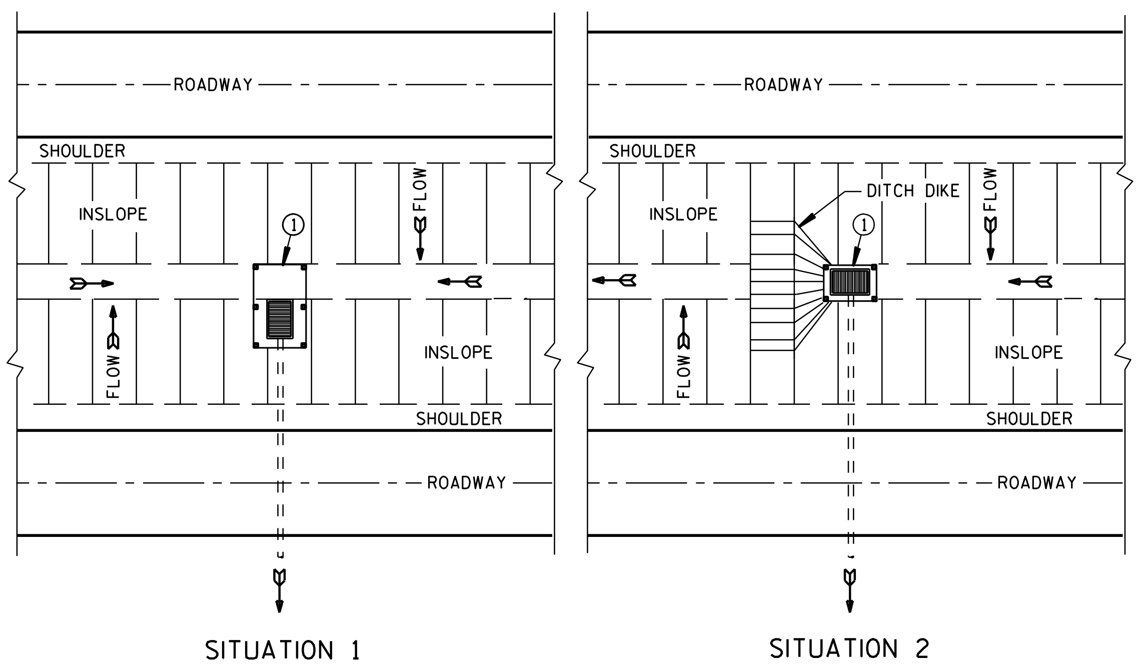
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/04/02 /S/ Beth Cann
DATE CHIEF ROADWAY DEVELOF GINEER
FHWA



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



SITUATION 1

SITUATION 2

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.

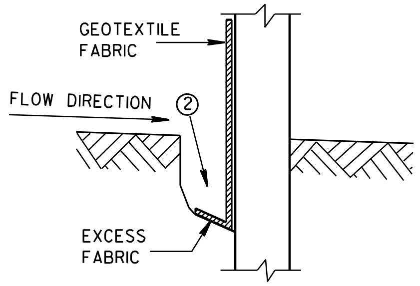
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

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 $1\frac{1}{8}$" X $1\frac{1}{8}$" OF OAK OR HICKORY.

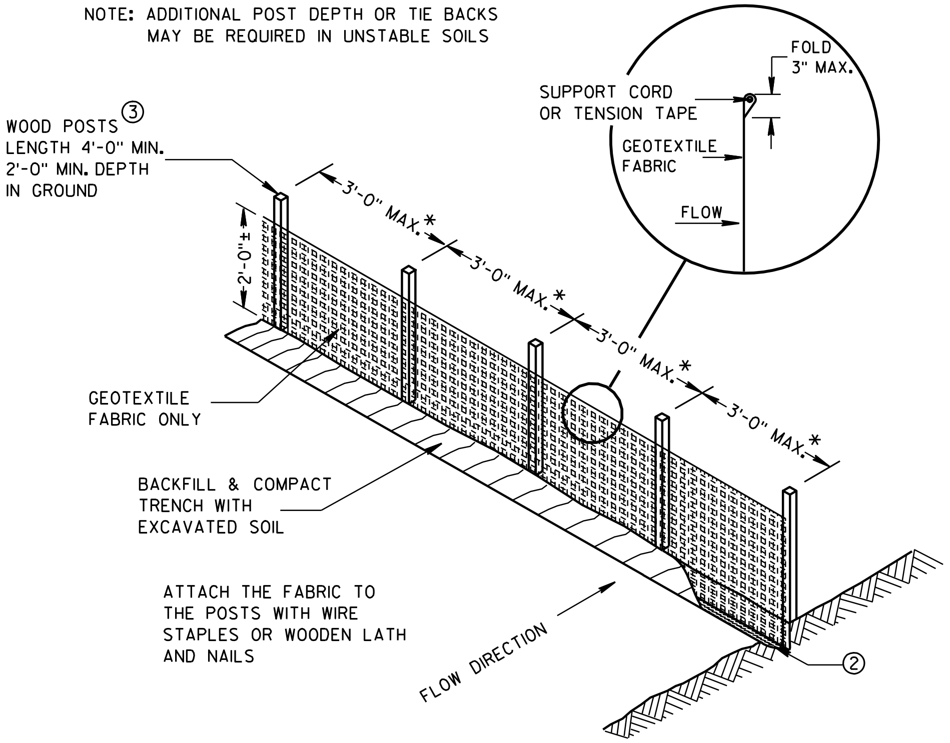
④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

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.



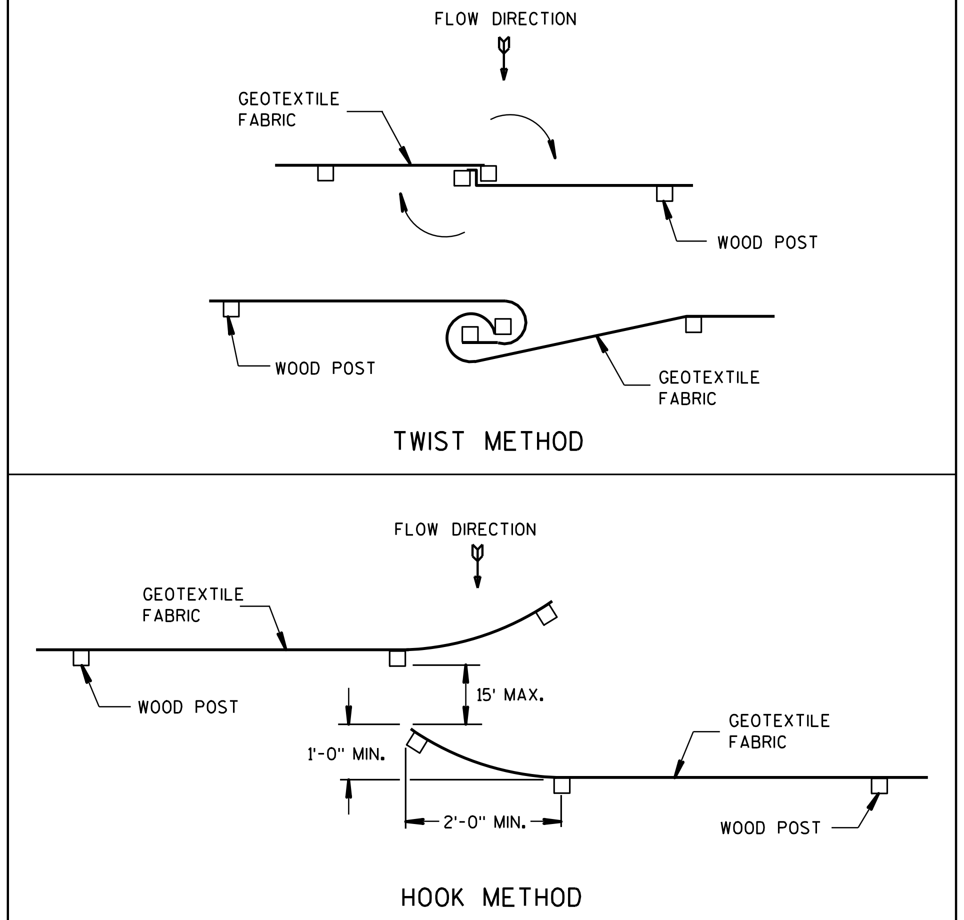
TRENCH DETAIL

NOTE: ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS



*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

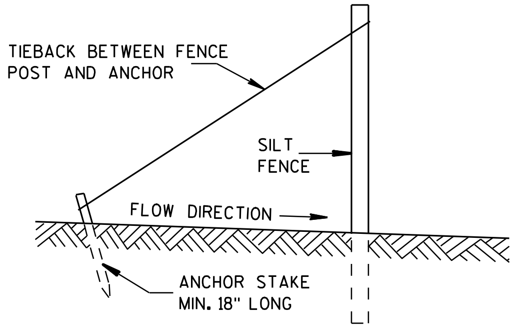
SILT FENCE



TWIST METHOD

HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE⑤



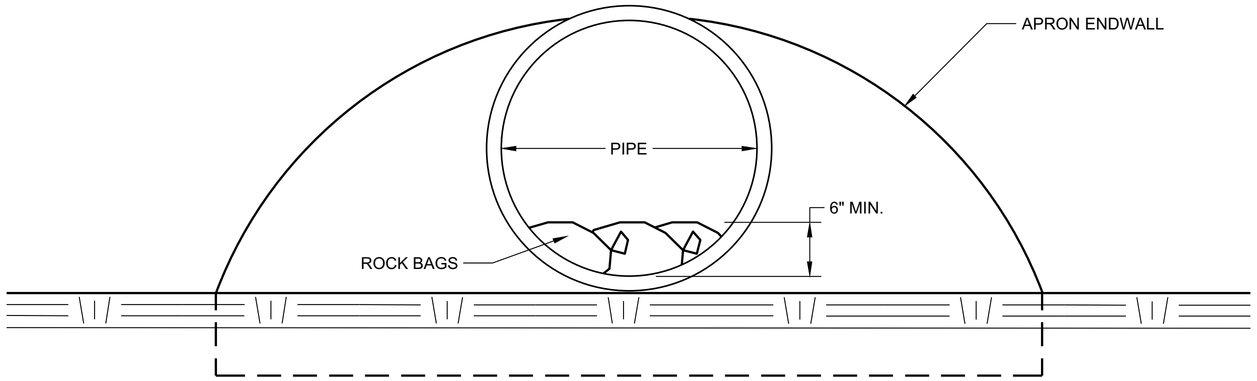
SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

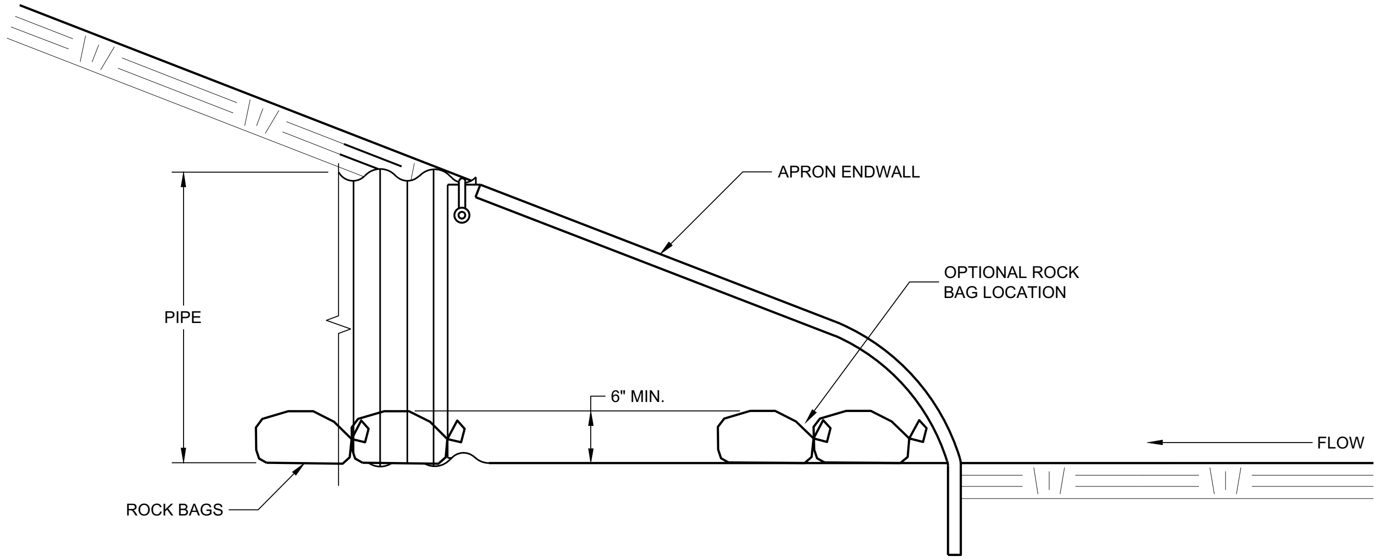
SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05
DATE
/S/ Beth Cann
CHIEF ROADWAY DEVELOP INEER
FHWA



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

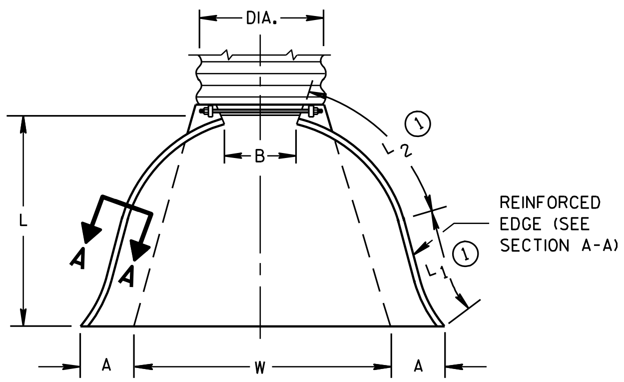
APPROVED
May 2019
DATE
/S/ Daniel Schave
EROSION CONTROL ENGI
FHWA

METAL APRON ENDWALLS											
PIPE DIA. (IN.)	MIN. THICK. (Inches)		DIMENSIONS (Inches)							APPROX. SLOPE	BODY
	STEEL	ALUM.	A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")		
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.

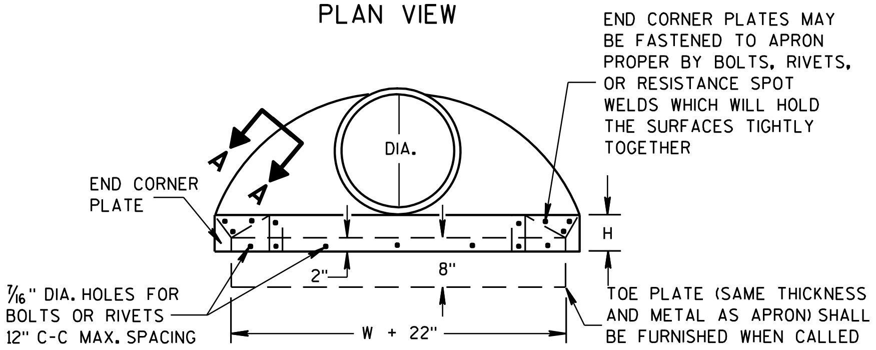
× EXCEPT CENTER PANEL
SEE GENERAL NOTES

REINFORCED CONCRETE APRON ENDWALLS								
PIPE DIA. (IN.)	DIMENSIONS (Inches)							APPROX. SLOPE
	T	A	B	C	D	E	G	
12	2	4	24	48 7/8	72 7/8	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

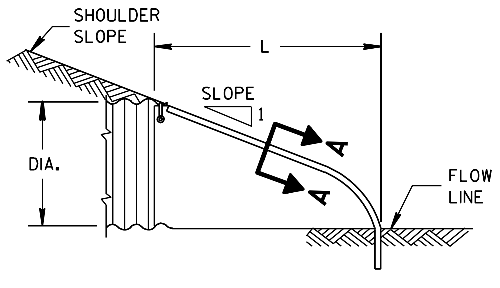
*MINIMUM
**MAXIMUM



PLAN VIEW

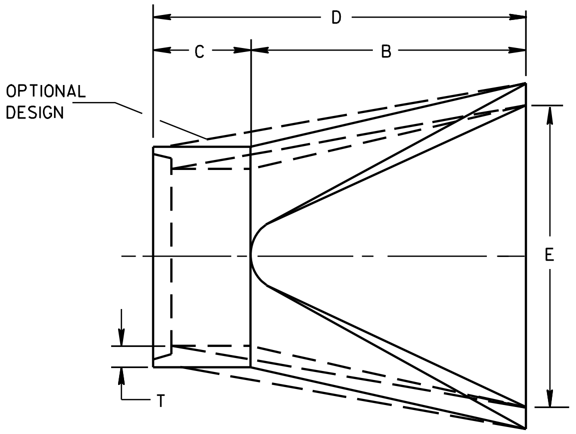


END VIEW

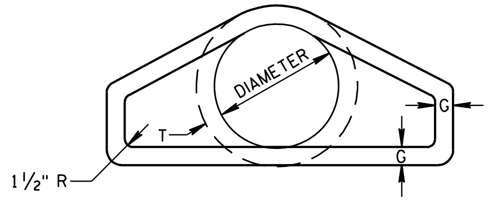


SIDE ELEVATION

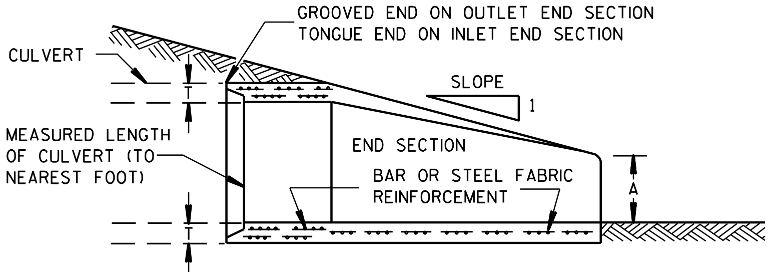
METAL ENDWALLS



PLAN

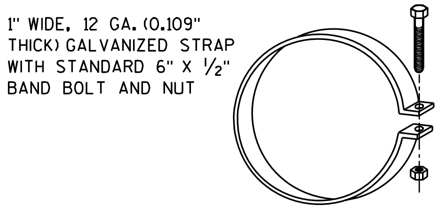


END VIEW



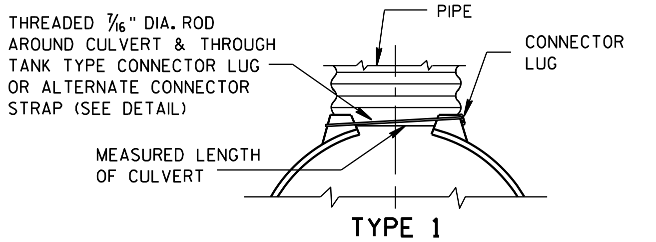
LONGITUDINAL SECTION

CONCRETE ENDWALLS

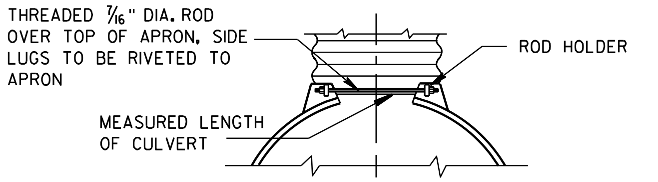


ALTERNATE FOR TYPE 1 CONNECTION

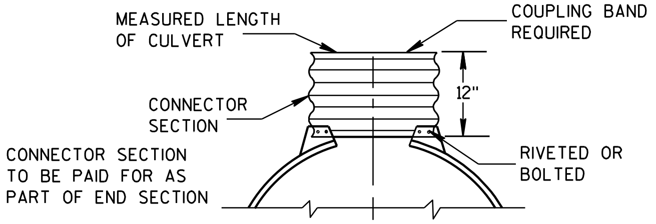
END SECTION CONNECTOR STRAP



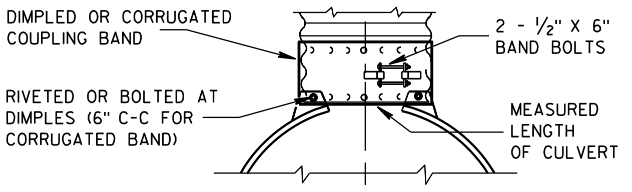
TYPE 1
FOR 12" THRU 24" CORR. PIPE



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

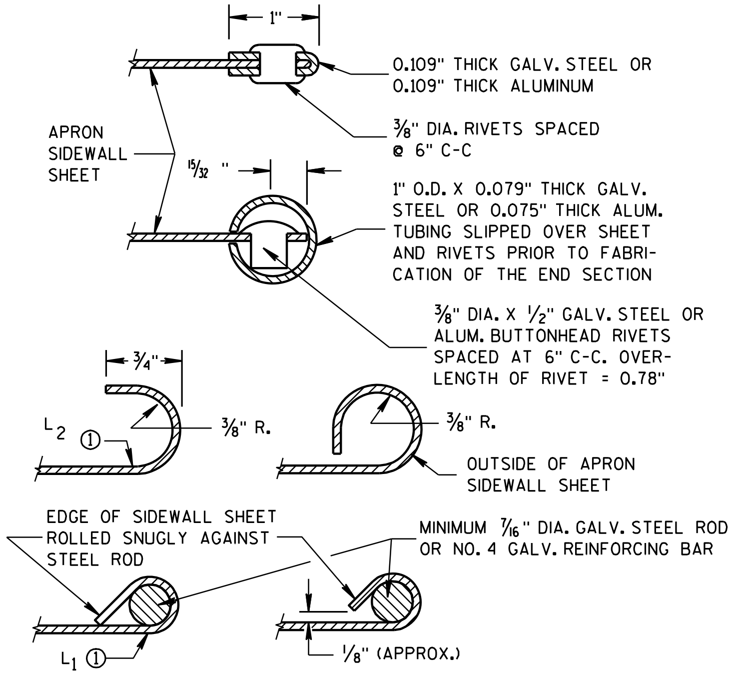
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

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.

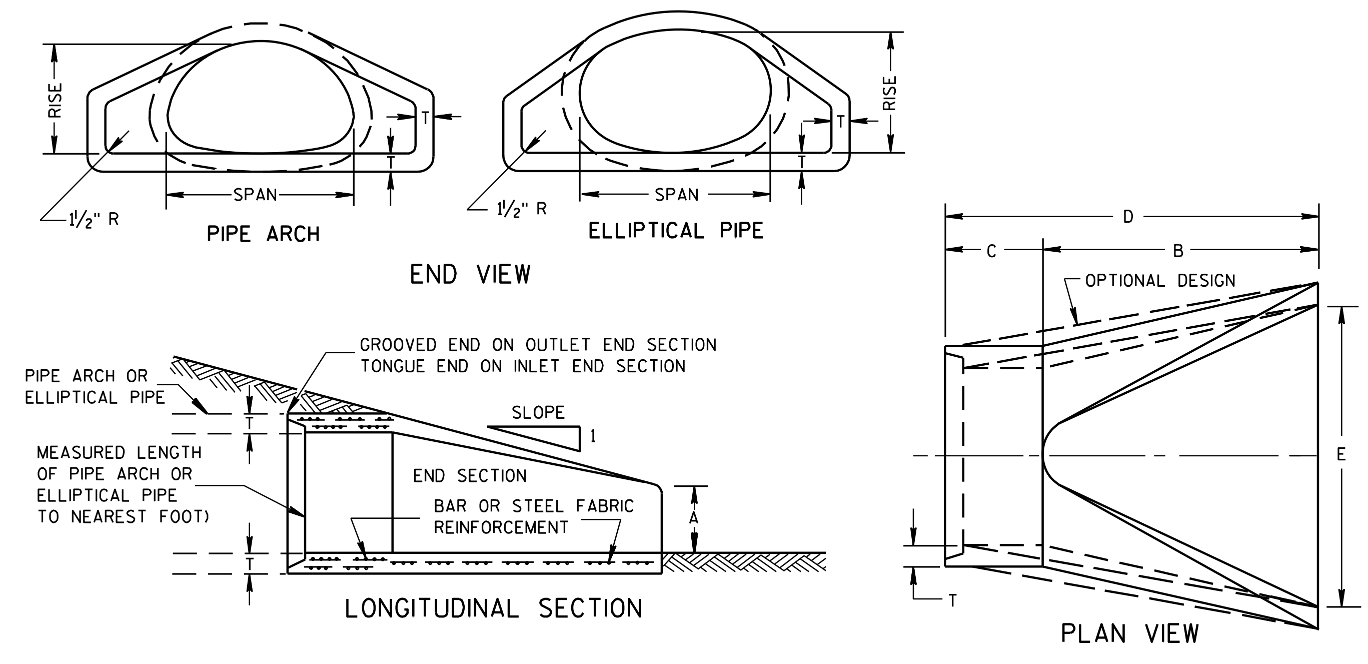
WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

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 DEVELOP NEER
FHWA



PIPE ARCH

ELLIPTICAL PIPE

END VIEW

LONGITUDINAL SECTION

PLAN VIEW

CONCRETE ENDWALLS

2- ⅔" X ½" CORRUGATIONS													
EQUIV. DIA. (Inches)	(Inches)		MIN. THICK. (Inches)		DIMENSIONS (Inches)							APPROX. SLOPE	BODY
	SPAN	RISE	STEEL	ALUM.	A (±1")	B (MAX.)	H (±1")	L (±1½")	L1 ①	L2 ①	W (±2")		
15	17	13	.064	.060	7	9	6	19	14	16	30	2½ to 1	1 Pc.
18	21	15	.064	.060	7	10	6	23	14	19⅜	36	2½ to 1	1 Pc.
21	24	18	.064	.060	8	12	6	28	18	21¾	42	2½ to 1	1 Pc.
24	28	20	.064	.060	9	14	6	32	18	27½	48	2½ to 1	1 Pc.
30	35	24	.079	.075	10	16	6	39	18	37⅝	60	2½ to 1	1 Pc.
36	42	29	.079	.075	12	18	8	46	24	45⅜	75	2½ to 1	1 Pc.
42	49	33	.109	.105	13	21	9	53	24	54¾	85	2½ to 1	2 Pc.
48	57	38	.109	.105	18	26	12	63	24	68	90	2½ to 1	3 Pc.
54	64	43	.109	.105	18	30	12	70	24	72¾	102	2¼ to 1	3 Pc.
60	71	47	.109*	.105*	18	33	12	77	30	82¼	114	2¼ to 1	3 Pc.
66	77	52	.109*	.105*	18	36	12	77	—	—	126	2 to 1	3 Pc.
72	83	57	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.

3" X 1" CORRUGATIONS													
EQUIV. DIA. (Inches)	(Inches)		MIN. THICK. (Inches)		DIMENSIONS (Inches)							APPROX. SLOPE	BODY
	SPAN	RISE	STEEL	ALUM.	A (±1")	B (MAX.)	H (±1")	L (±1½")	L1 ①	L2 ①	W (±2")		
48	53	41	.109	.105	18	26	12	63	24	72¾	90	2½ to 1	2 Pc.
54	60	46	.109	.105	18	30	12	70	30	82¼	102	2 to 1	2 Pc.
60	66	51	.109*	.105*	18	33	12	77	—	—	114	1½ to 1	3 Pc.
66	73	55	.109*	.105*	18	36	12	77	—	—	126	1½ to 1	3 Pc.
72	81	59	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.
78	87	63	.109*	.105*	22	38	12	77	—	—	148	1½ to 1	3 Pc.
84	95	67	.109*	.105*	22	34	12	77	—	—	162	1½ to 1	3 Pc.
90	103	71	.109*	.105*	22	38	12	77	—	—	174	1½ to 1	3 Pc.
96	112	75	.109*	.105*	24	40	12	77	—	—	174	1½ to 1	3 Pc.

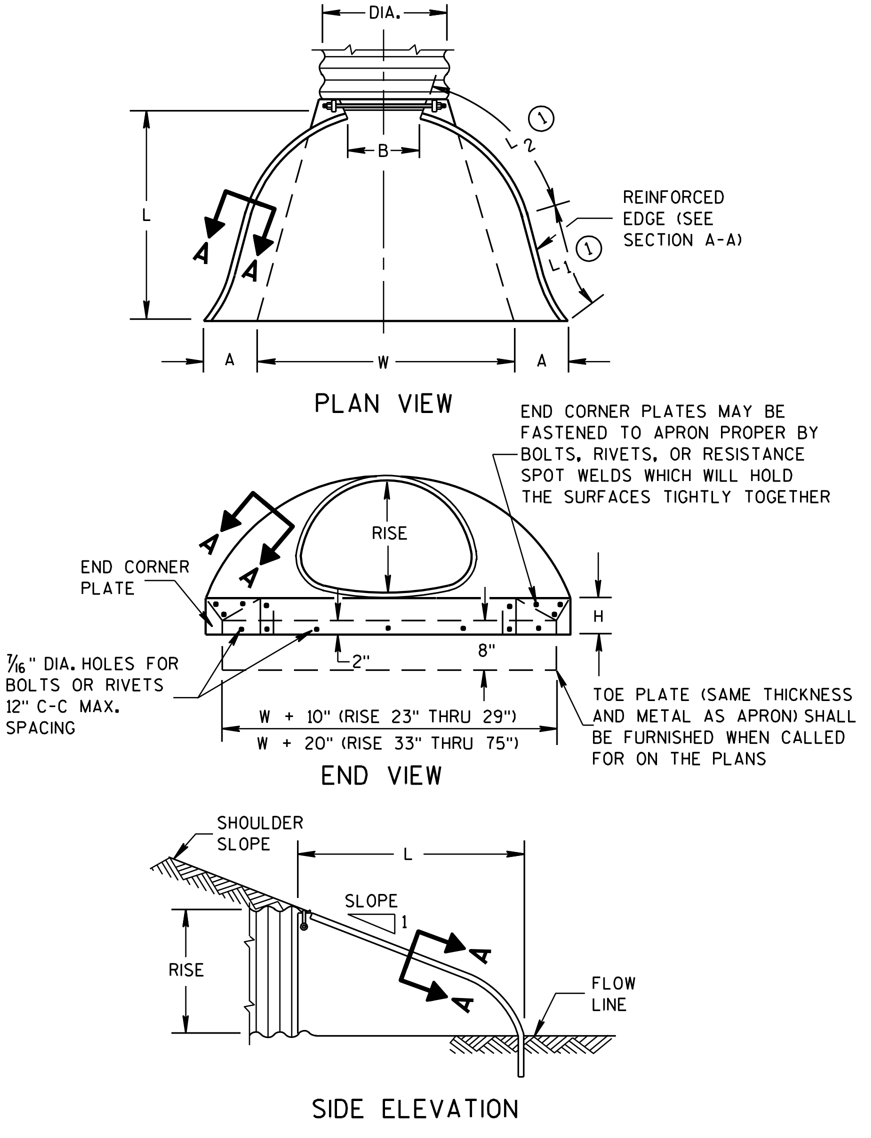
NOTE: ALL SPLICES TO BE LAP RIVETED OR BOLTED.

* EXCEPT CENTER PANEL SEE GENERAL NOTES

REINFORCED CONCRETE PIPE ARCH									
EQUIV. DIA. (Inches)	DIMENSIONS (Inches)								APPROX. SLOPE
	** SPAN	** RISE	T	A	B	C	D	E	
24	29	18	3	8½	39	33	72	48	3 to 1
30	36	22	3½	9½	50	46	96	60	3 to 1
36	44	27	4	11⅛	60	36	96	72	3 to 1
42	51	31	4½	15 13/16	60	36	96	78	3 to 1
48	58	36	5	21	60	36	96	84	3 to 1
54	65	40	5½	25½	60	36	96	90	3 to 1
60	73	45	6	31	60	36	96	96	3 to 1
72	88	54	7	31	60	39	99	120	2 to 1
84	102	62	8	28½	83	19	102	144	2 to 1

REINFORCED CONCRETE ELLIPTICAL PIPE									
EQUIV. DIA. (Inches)	DIMENSIONS (Inches)								APPROX. SLOPE
	** SPAN	** RISE	T	A	B	C	D	E	
24	30	19	3¼	8½	39	33	72	48	3 to 1
30	38	24	3¾	9½	54	18	72	60	3 to 1
36	45	29	4½	11⅛	60	24	84	72	2½ to 1
42	53	34	5	15¾	60	36	96	78	2½ to 1
48	60	38	5½	21	60	36	96	84	2½ to 1
54	68	43	6	25½	60	36	96	90	2½ to 1
60	76	48	6½	30	60	36	96	96	2½ to 1

** NOMINAL SIZE

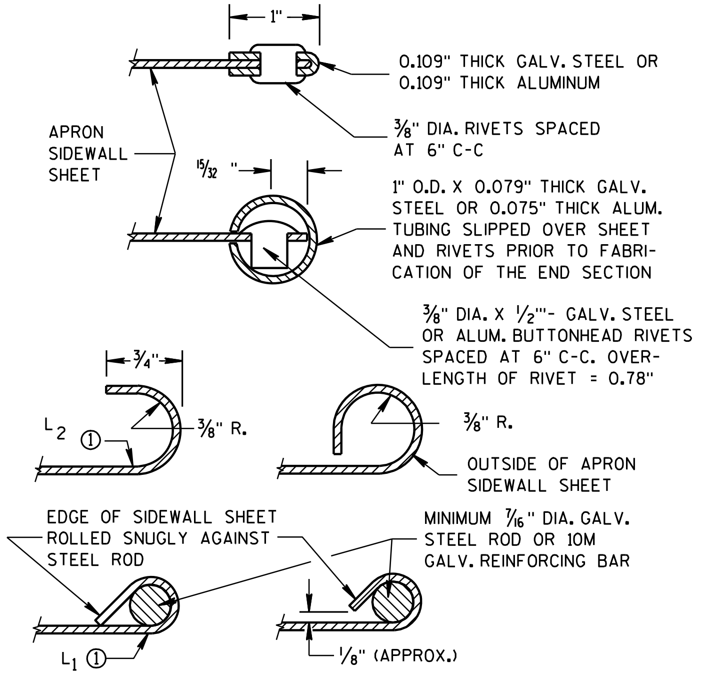


PLAN VIEW

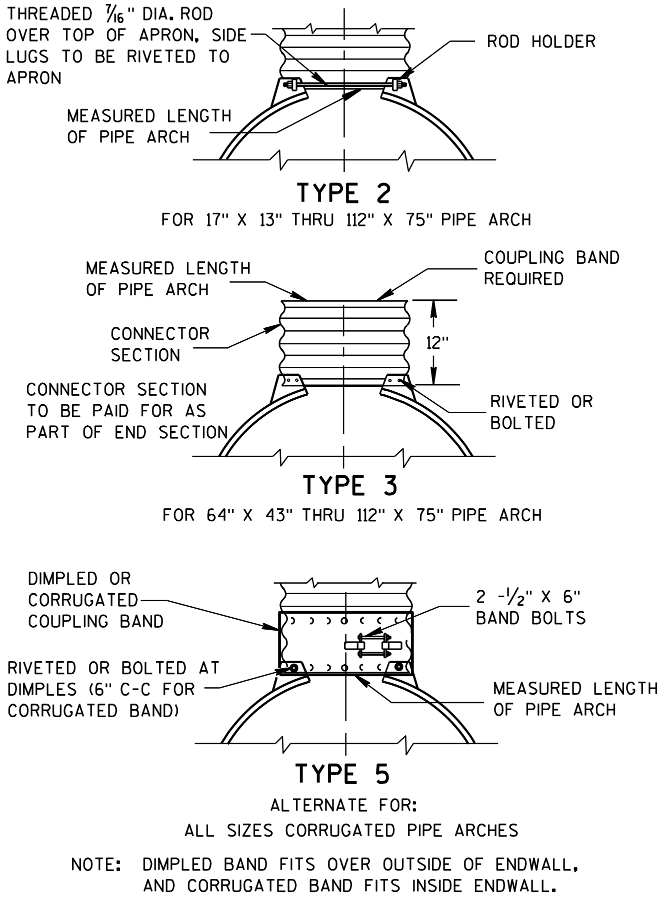
END VIEW

SIDE ELEVATION

METAL ENDWALLS



SECTION A-A



TYPE 2

FOR 17" X 13" THRU 112" X 75" PIPE ARCH

TYPE 3

FOR 64" X 43" THRU 112" X 75" PIPE ARCH

TYPE 5

ALTERNATE FOR:
ALL SIZES CORRUGATED PIPE ARCHES

NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL.

CONNECTION DETAILS

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 APRON ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM APRON ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 66" X 51" PIPE ARCH 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 ARCH 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 77" X 52" THROUGH 112" X 75" 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 ARCH SIZES UP TO 73" X 55" A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR
PIPE ARCH AND
ELLIPTICAL PIPE

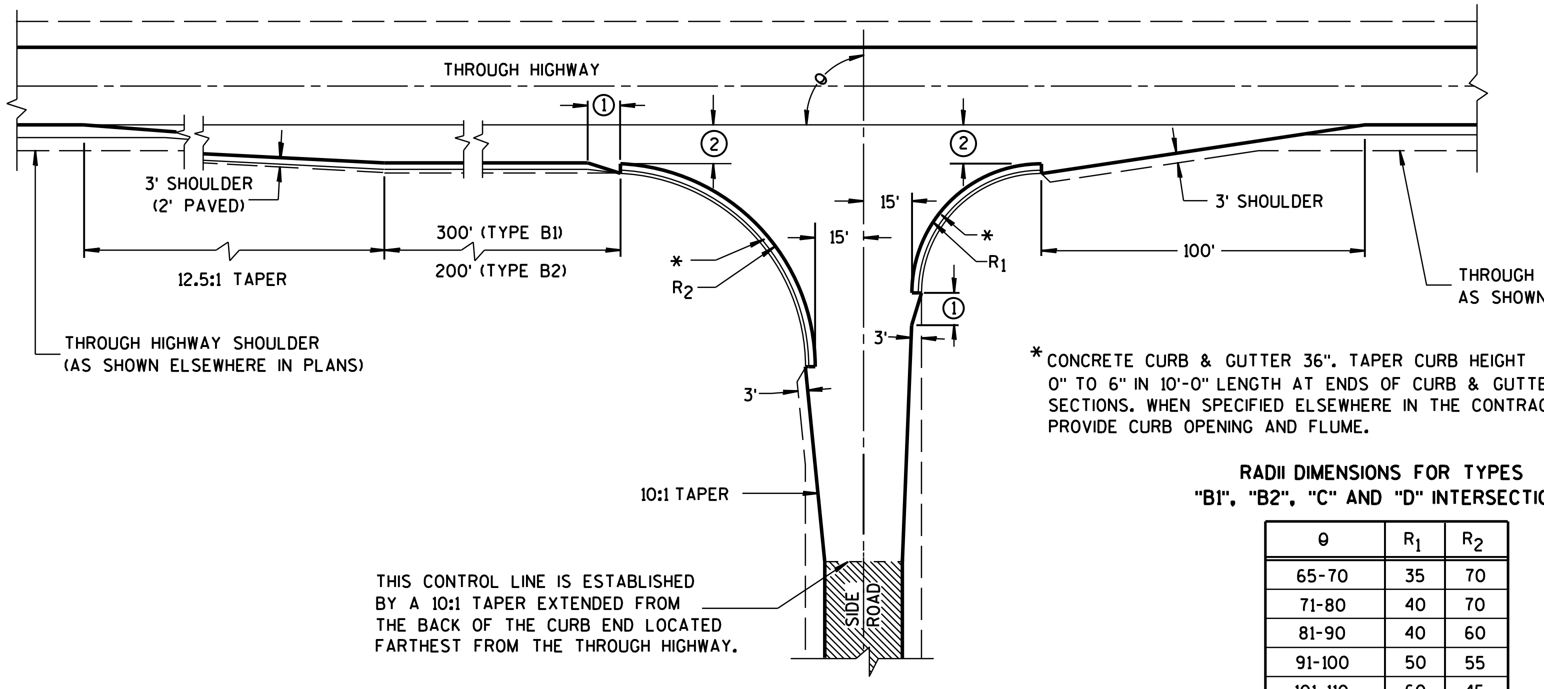
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/94
DATE

/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOP GINEER

FHWA



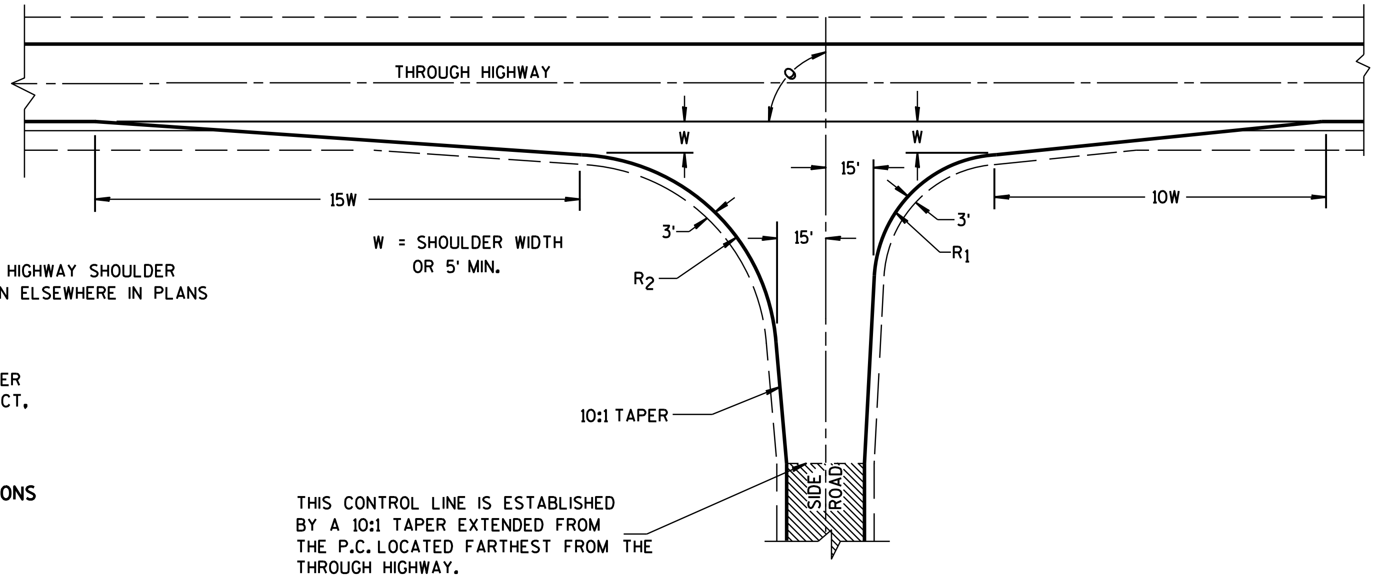
TYPE "B1" AND "B2"

THROUGH HIGHWAY SHOULDER AS SHOWN ELSEWHERE IN PLANS

*CONCRETE CURB & GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10'-0" LENGTH AT ENDS OF CURB & GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME.

RADII DIMENSIONS FOR TYPES "B1", "B2", "C" AND "D" INTERSECTIONS

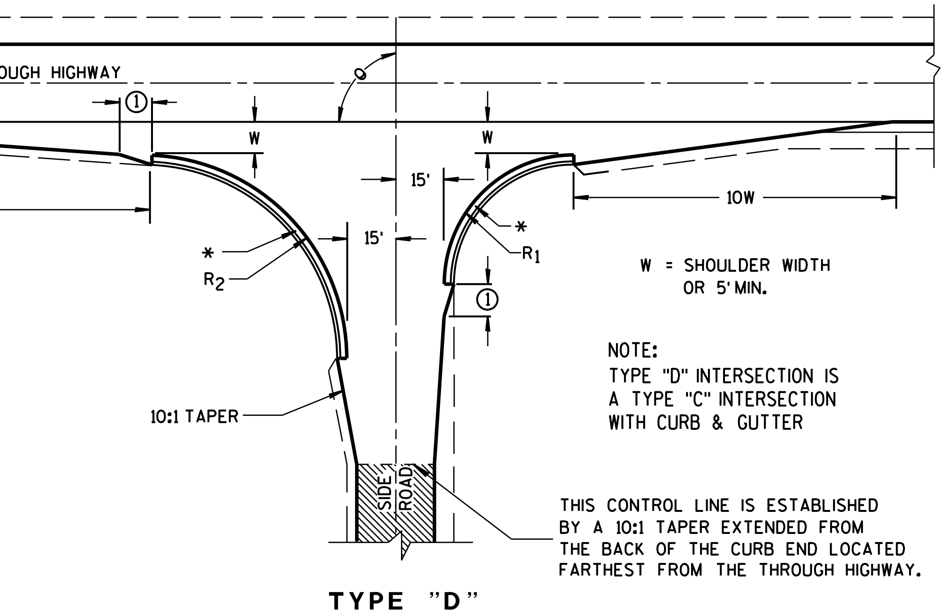
θ	R_1	R_2
65-70	35	70
71-80	40	70
81-90	40	60
91-100	50	55
101-110	60	45



W = SHOULDER WIDTH OR 5' MIN.

THIS CONTROL LINE IS ESTABLISHED BY A 10:1 TAPER EXTENDED FROM THE P.C. LOCATED FARTHEST FROM THE THROUGH HIGHWAY.

TYPE "C"



W = SHOULDER WIDTH OR 5' MIN.

NOTE:
TYPE "D" INTERSECTION IS A TYPE "C" INTERSECTION WITH CURB & GUTTER

THIS CONTROL LINE IS ESTABLISHED BY A 10:1 TAPER EXTENDED FROM THE BACK OF THE CURB END LOCATED FARTHEST FROM THE THROUGH HIGHWAY.

TYPE "D"

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN UNLESS OTHERWISE PROVIDED IN THE CONTRACT. WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

▨ EXISTING PAVED SURFACE

▨ BYPASS LANE

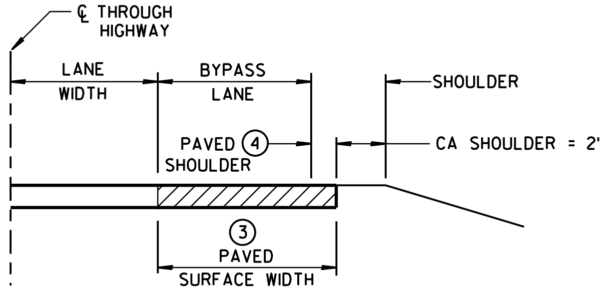
① 10-FT TYPICAL.

② 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

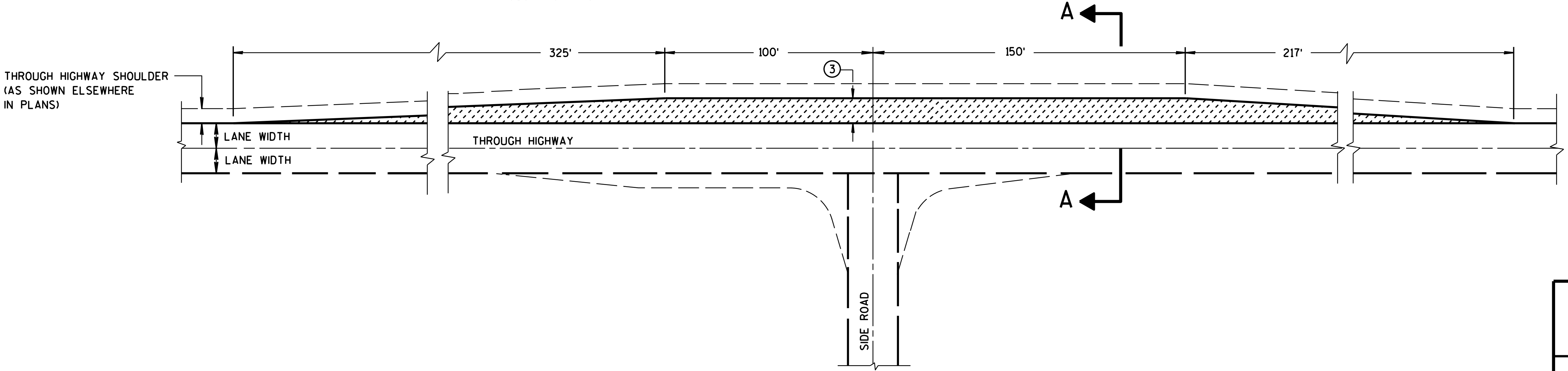
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

③ BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
-ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH.
-PC CPNCRETE = 13-FT PLUS PAVED SHOULDER WIDTH.

④ BYPASS LANE PAVED SHOULDER WIDTH = THE GREATER OF 1-FT OR THE PAVED SHOULDER WIDTH OF THE THROUGH HIGHWAY.



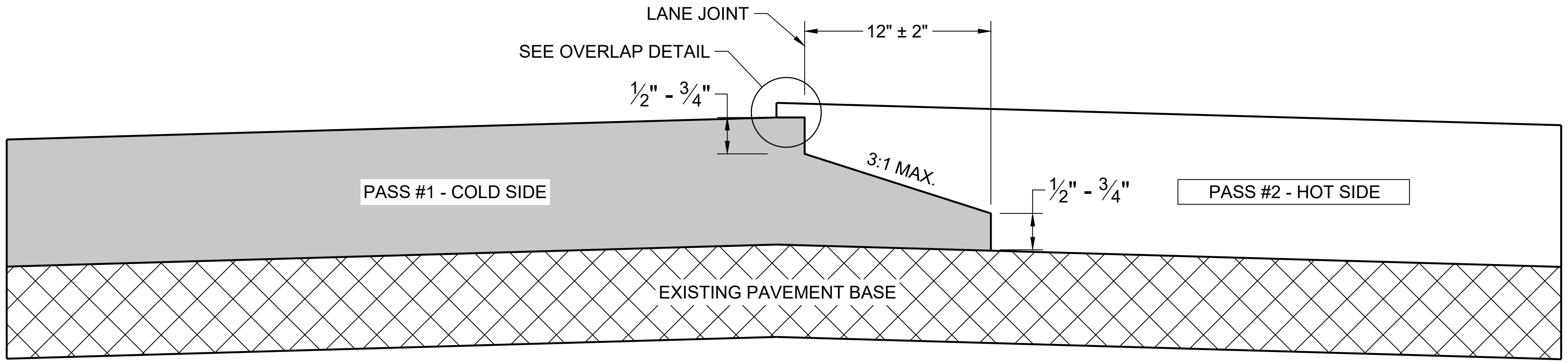
SECTION A-A
(SHOWING BYPASS LANE AND SHOULDER)



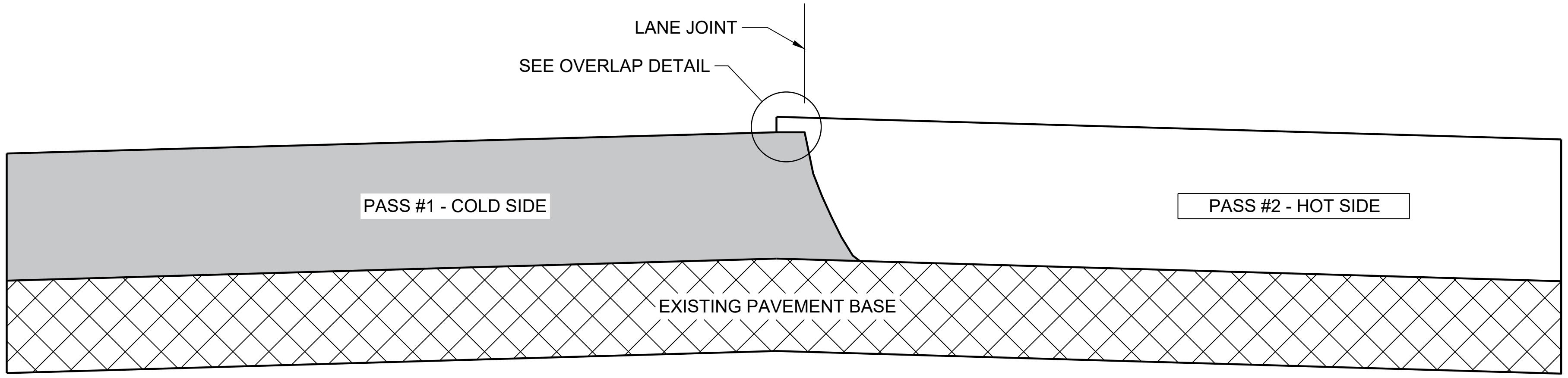
TEE INTERSECTION BYPASS LANE DETAIL

AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND "D" AND TEE INTERSECTION BYPASS LANE

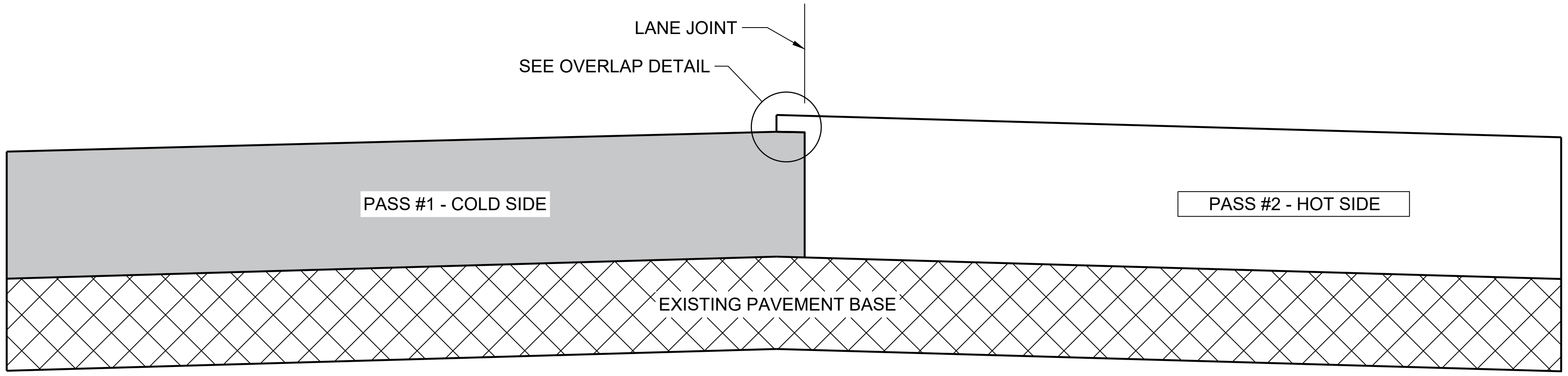
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO



**TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT**



**TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT**



**TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)**

GENERAL NOTES

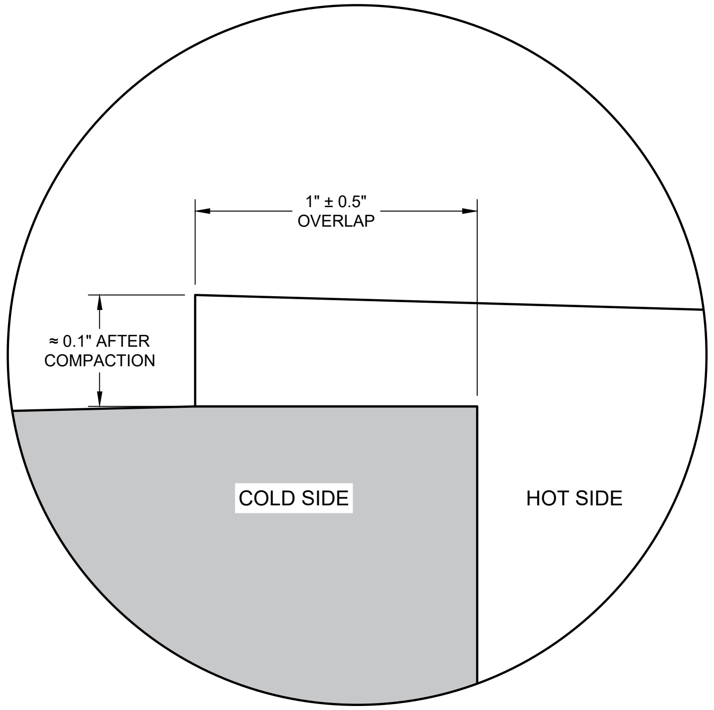
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.

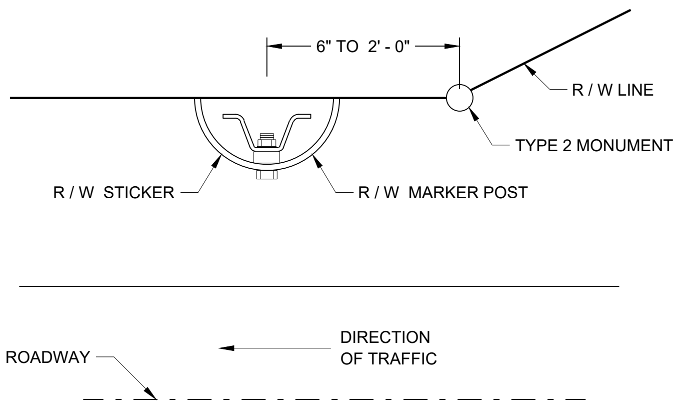


OVERLAP DETAIL (TYPICAL)

HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE
/S/ Steven Hefel
HMA PAVEMENT ENGINI
FHWA



PLAN VIEW

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.

A FLEXIBLE MARKER POST FOR RIGHT -OF-WAY SHALL BE PLACED IN THE RIGHT-OF-WAY WITH THE BACK OF THE POST ON THE LONGER RIGHT-OF-WAY TANGENT, 6 INCHES TO 24 INCHES FROM EACH TYPE 2 MONUMENT TO SERVE AS A GUARD POST, AND AT OTHER LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

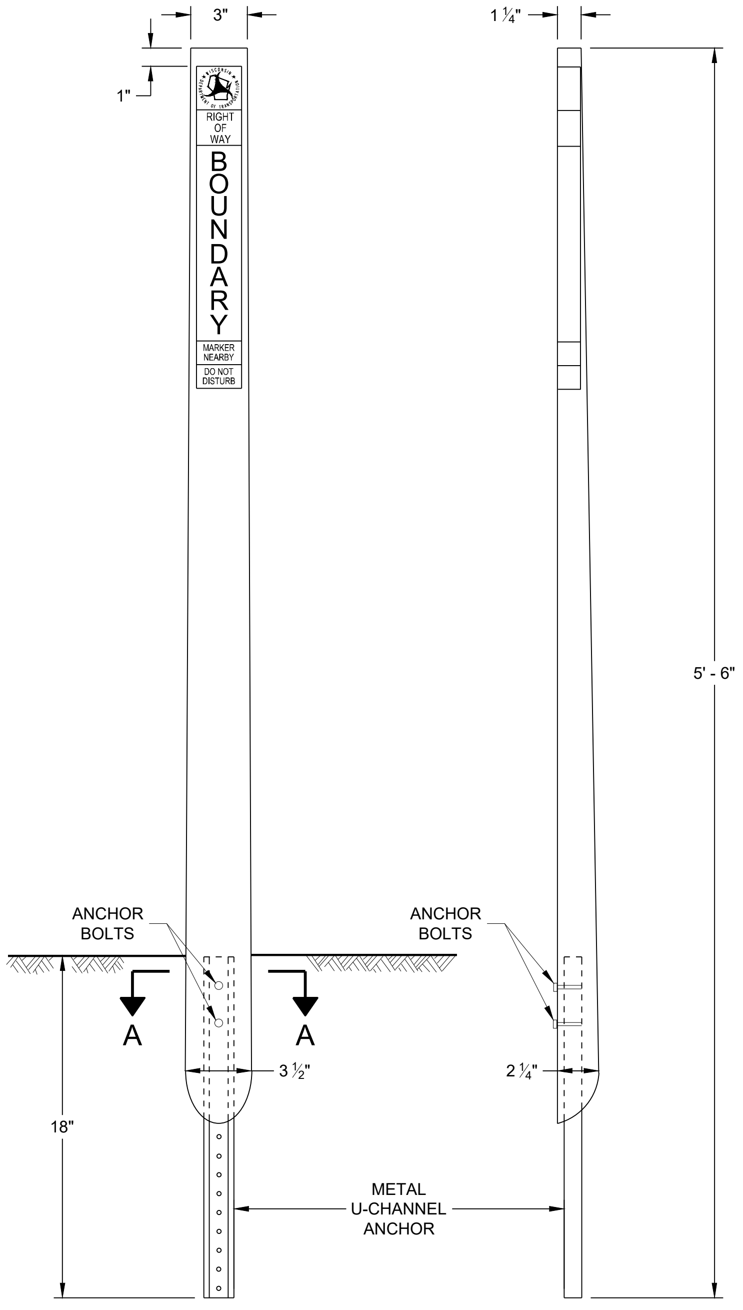
THE RIGHT-OF-WAY STICKER DIMENSIONS SHALL BE 2 ¼" X 17" AND THE STICKER SHALL BE MADE OF A NON-RELECTIVE VINYL MATERIAL. THE RIGHT-OF-WAY STICKER SHALL FACE THE ROADWAY.

INSTALL PER DEPTH OF MANUFACTURER'S RECOMMENDATION BUT NOT LESS THAN 18 INCHES BELOW GRADE FROM THE BOTTOM OF THE METAL U-CHANNEL ANCHOR.

① FLEXIBLE MARKER POSTS SHALL BE INCLUDED IN THE APPROVED PRODUCTS LIST FOR MARKER POSTS AND SHALL BE FEDERAL YELLOW IN COLOR.

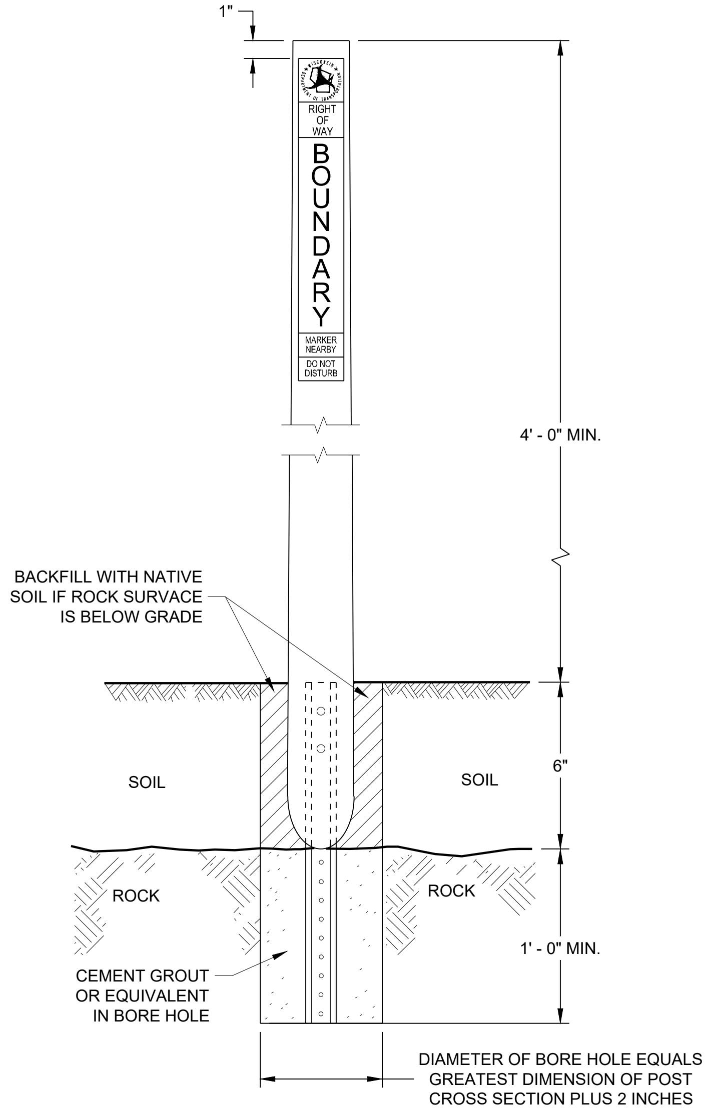
② IN AREAS OF SOLID ROCK, DRILL A BORE HOLE 2" GREATER THAN THE WIDEST DIMENSION OF THE POST CROSS SECTION INTO THE ROCK A MINIMUM DEPTH OF 12 INCHES. CUT OR SPLICE THE POST SO THAT A MINIMUM LENGTH OF 4' - 0" PROTRUDES ABOVE THE GROUND. BLOW OUT THE BORE HOLE IN THE ROCK USING COMPRESSED AIR.

FILL THE BORE HOLE WITH CEMENT GROUT OR EQUIVALENT, DEPENDING ON THE STABILITY OF THE ROCK.



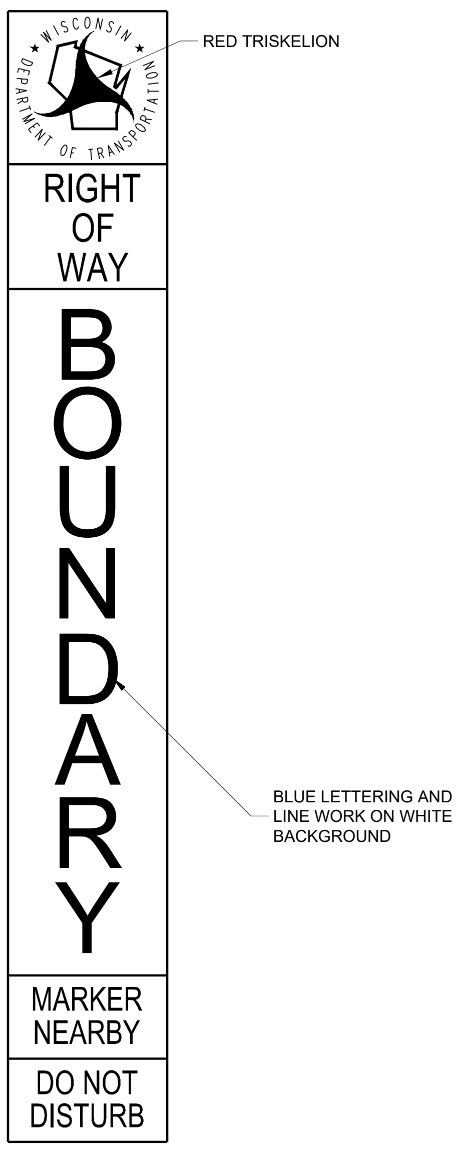
FRONT VIEW **SIDE VIEW**

FLEXIBLE MARKER POST FOR ① RIGHT-OF-WAY



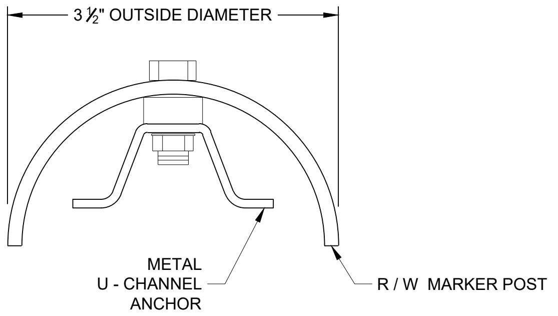
FRONT VIEW ① ②

ROCK INSTALLATION



RIGHT-OF-WAY STICKER

THE RIGHT-OF-WAY STICKER SHALL BE ATTACHED
1" FROM THE TOP OF THE RIGHT-OF-WAY POST PRIOR TO DELIVERY.



SECTION A - A

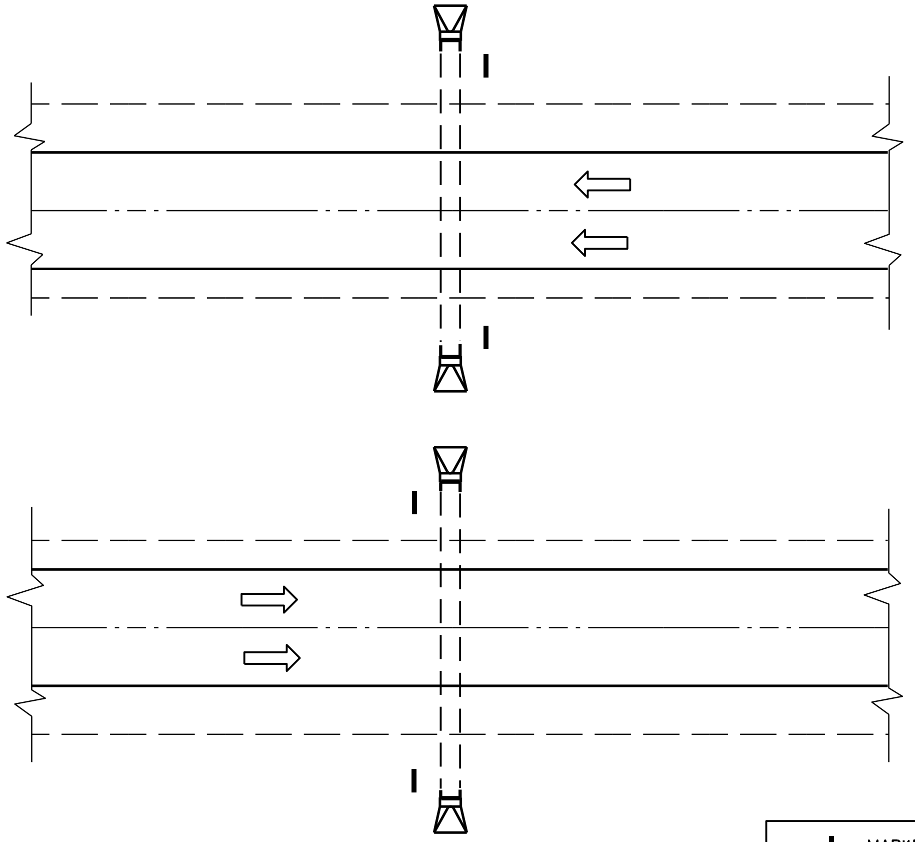
FLEXIBLE MARKER POST
FOR RIGHT - OF - WAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2/16/2016
DATE
/S/ Ray Kumapayii
CHIEF SURVEYING AND M/
ENGINEER
FHWA

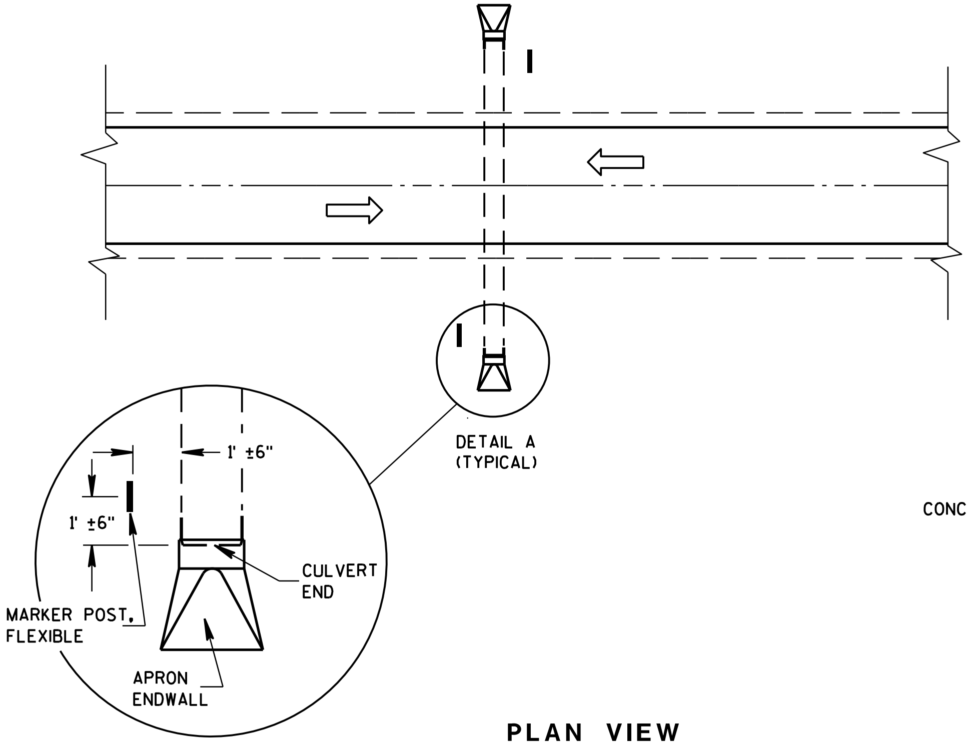
GENERAL NOTES

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

DIVIDED HIGHWAY



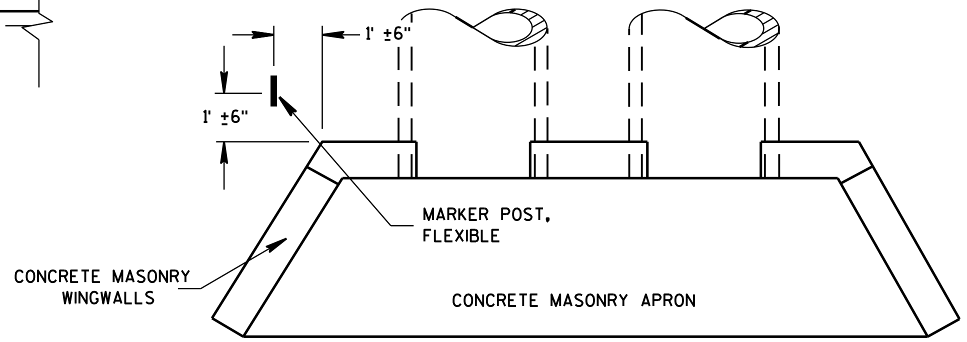
DETAIL A

(TYPICAL)

PLAN VIEW

UNDIVIDED HIGHWAY

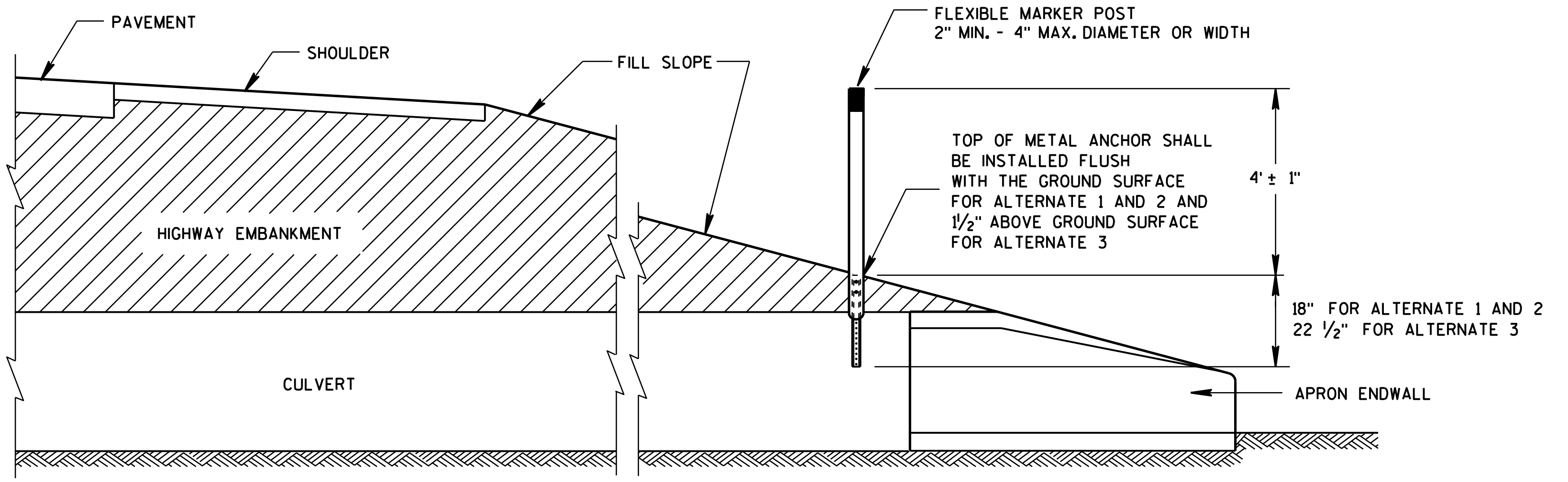
I	MARKER POST, FLEXIBLE
⇨	DIRECTION OF TRAFFIC FLOW



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION

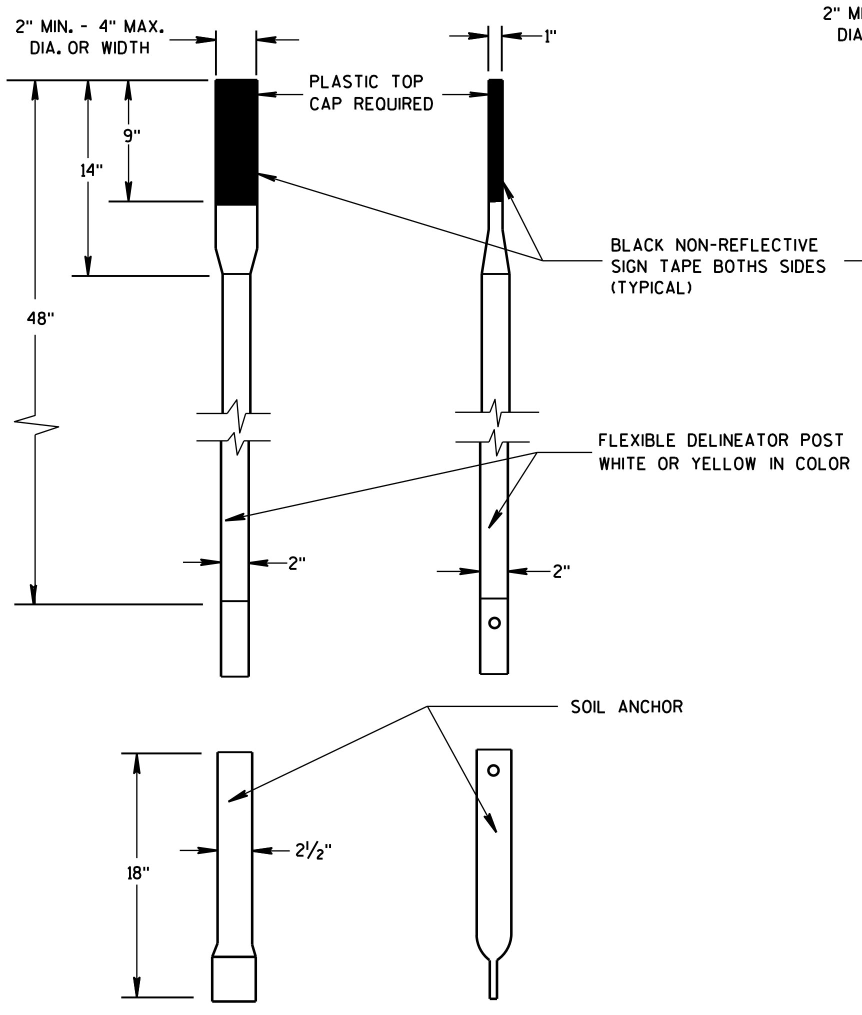


CROSS SECTION

FLEXIBLE MARKER POST

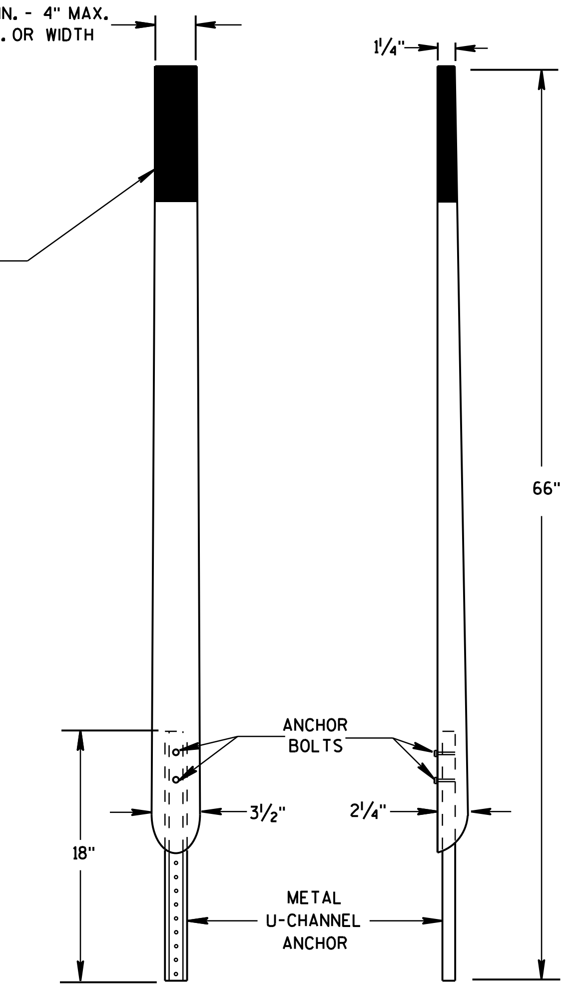
FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO



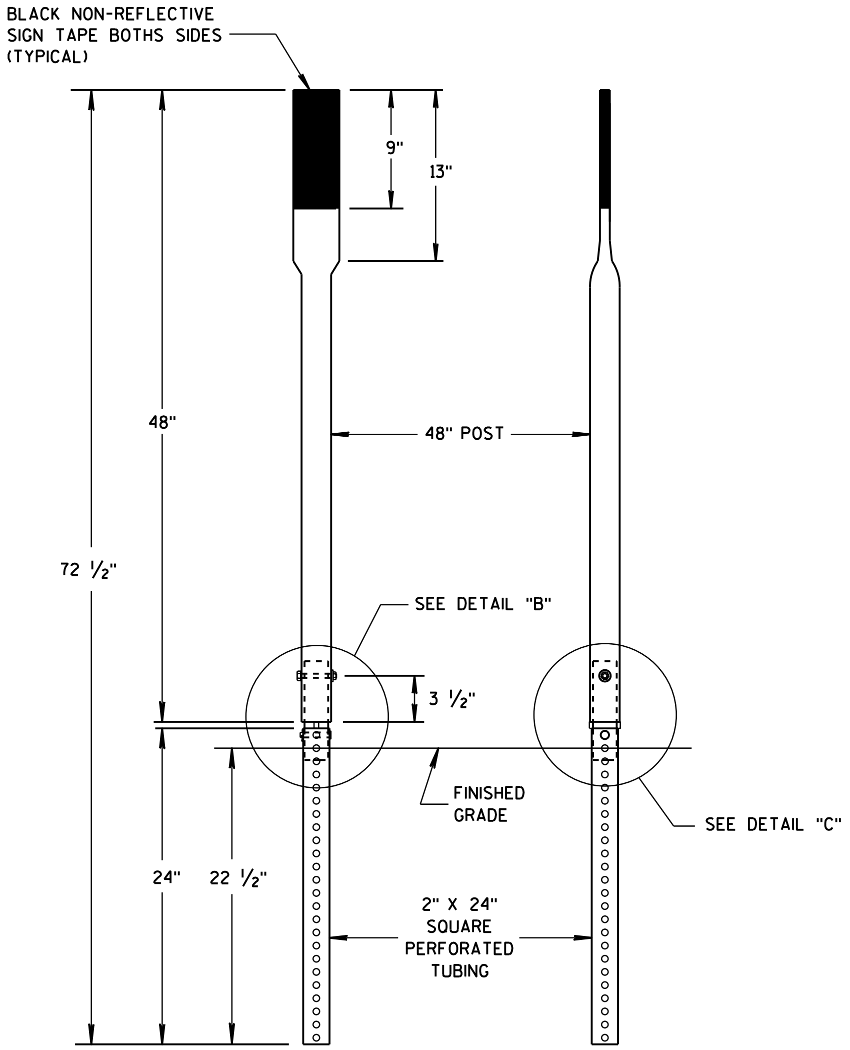
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

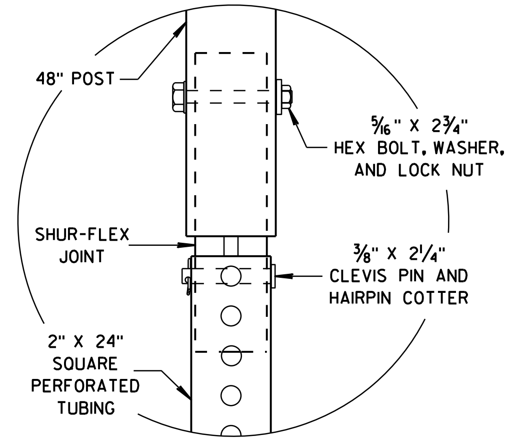
ALTERNATE 2



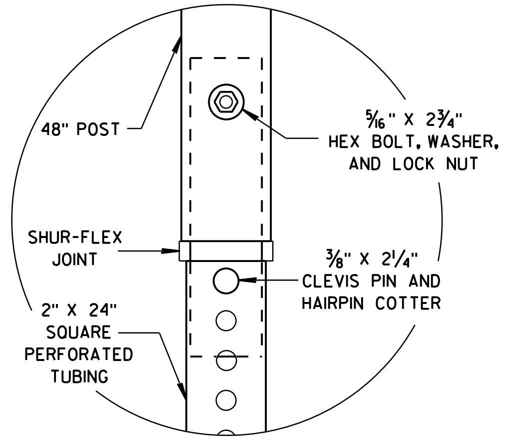
FRONT VIEW SIDE VIEW

ALTERNATE 3

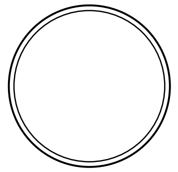
FLEXIBLE MARKER POSTS



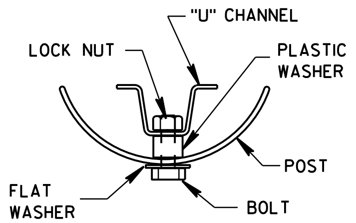
DETAIL B



DETAIL C



SECTION A-A



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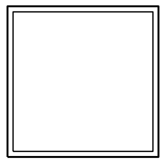

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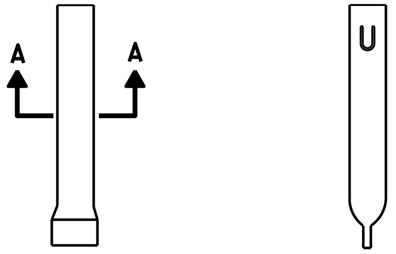
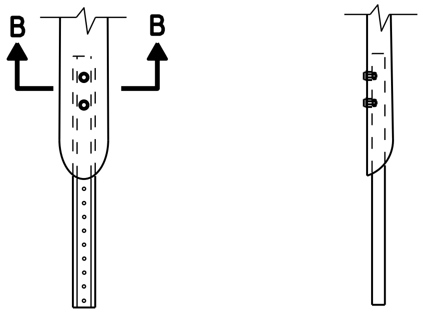


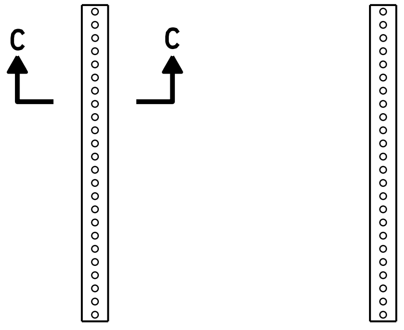
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

ALTERNATE 2



FRONT VIEW SIDE VIEW

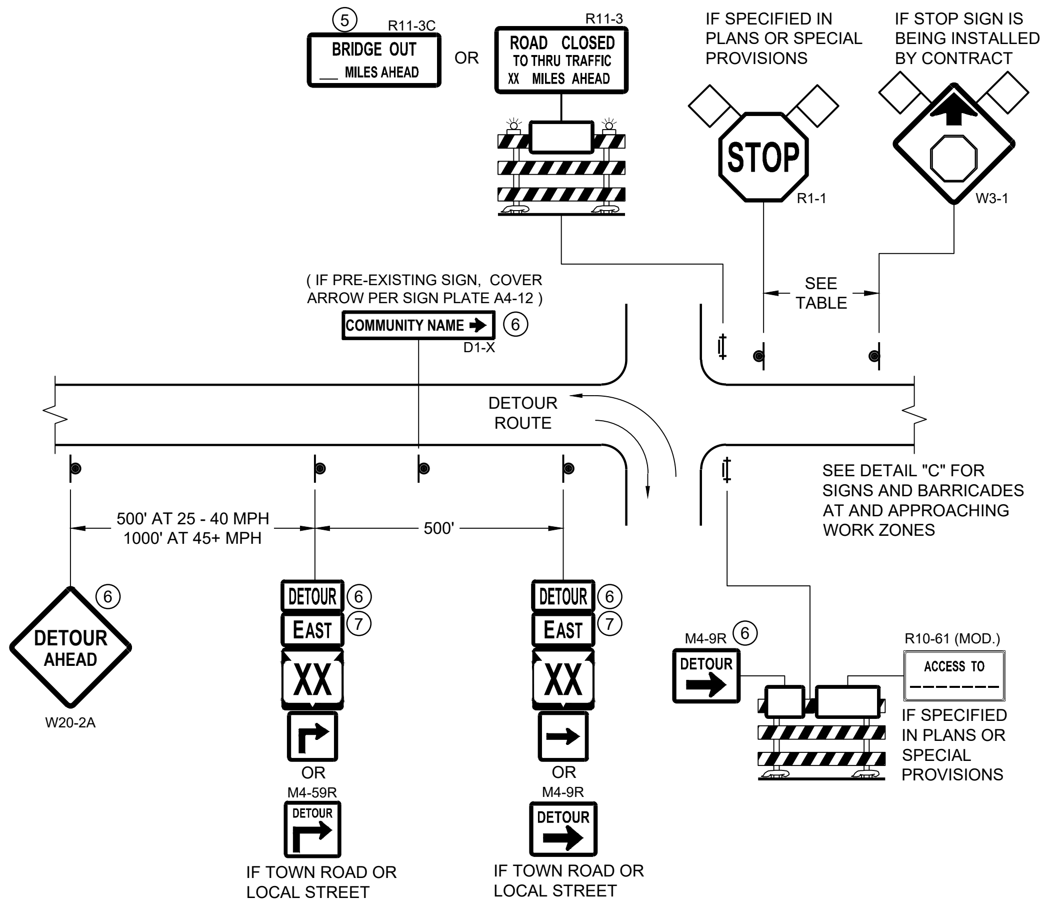
ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

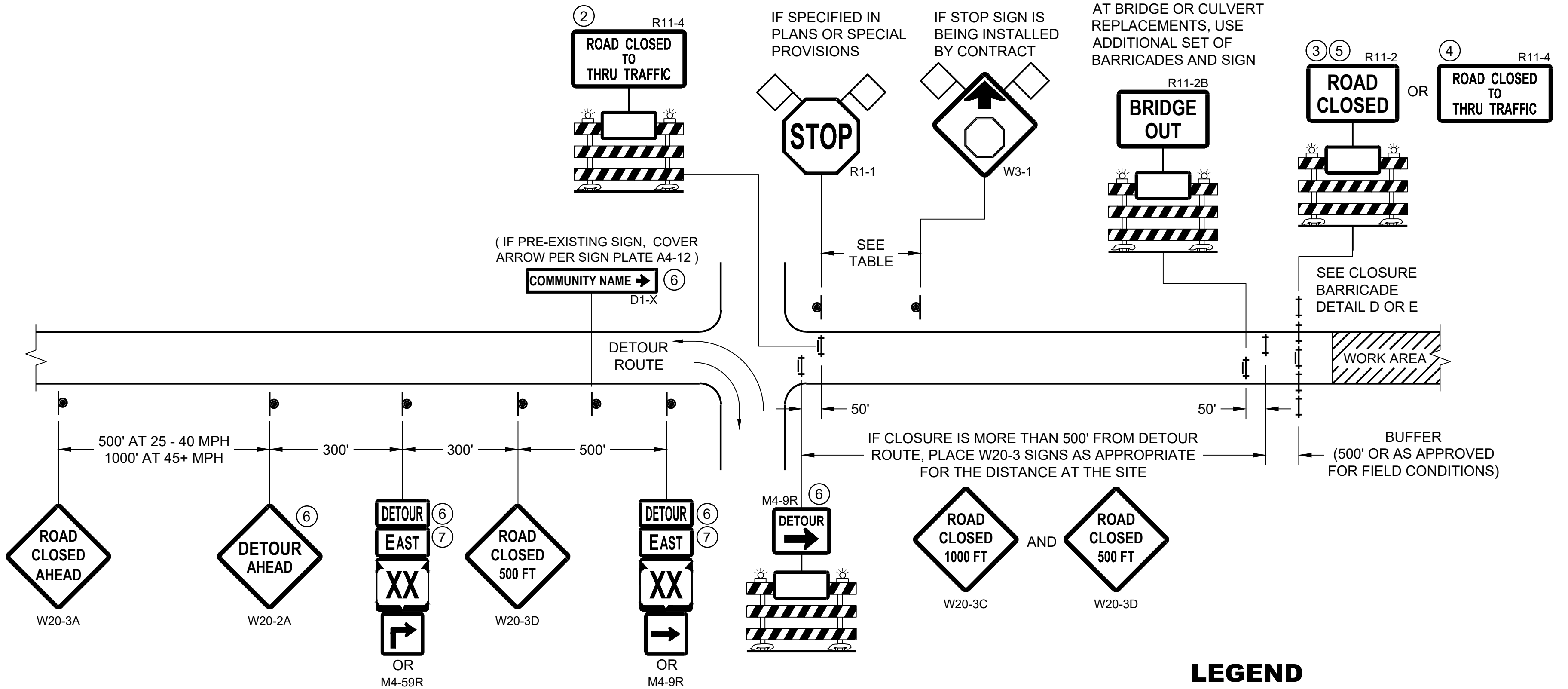
APPROVED
10/1/2012 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER IGN
FHWA



DETAIL A

MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

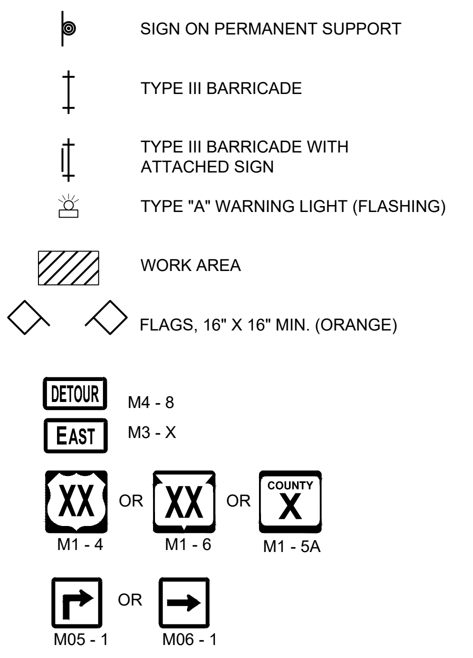


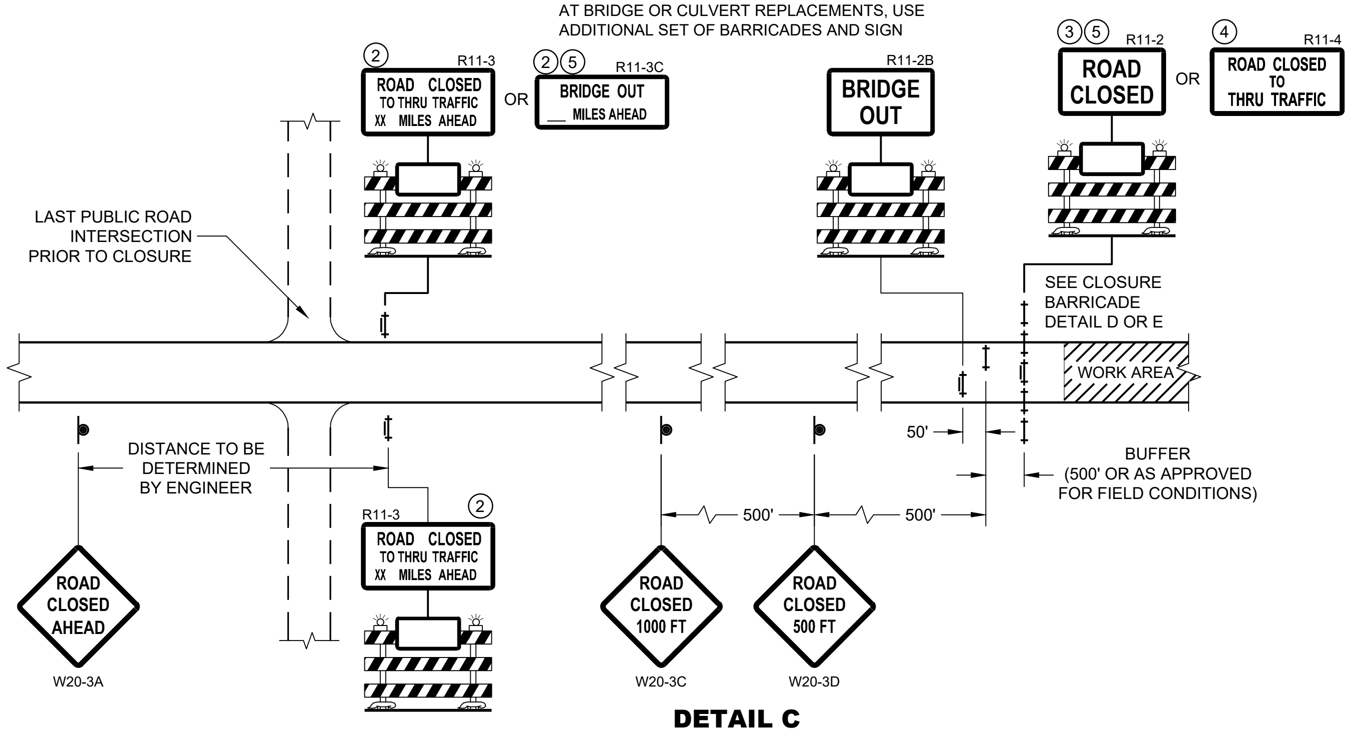
DETAIL B

MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

LEGEND





DETAIL C

MAINLINE CLOSURE, NO POSTED DETOUR

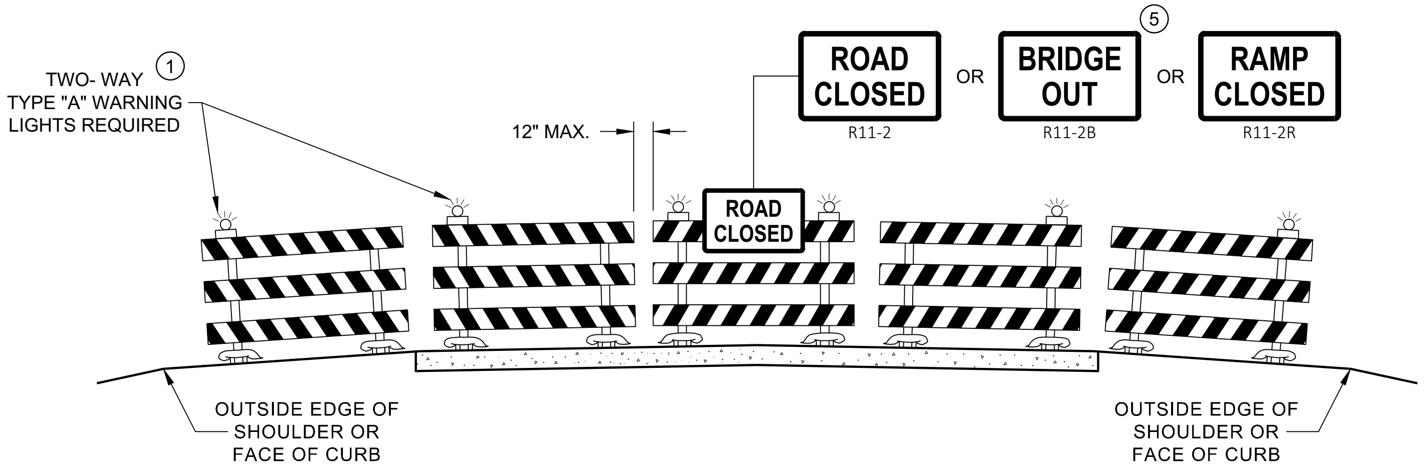
SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b" FOR GENERAL NOTES AND FOOTNOTES ① THROUGH ⑦

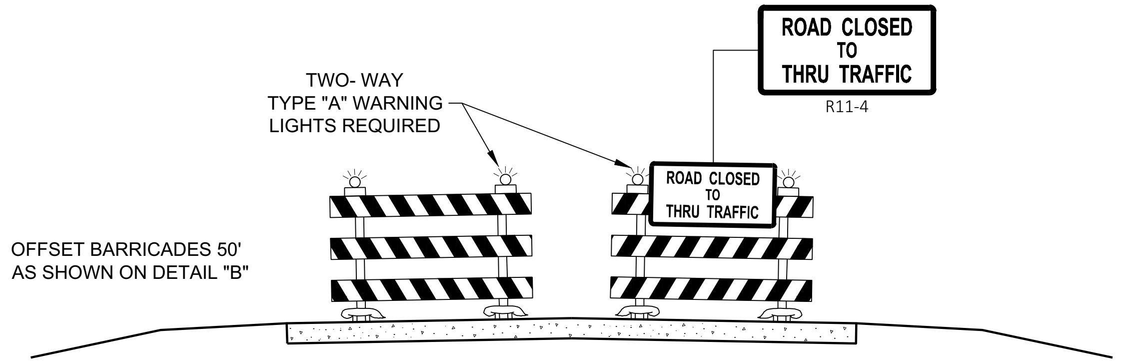
BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEE
FHWA



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.

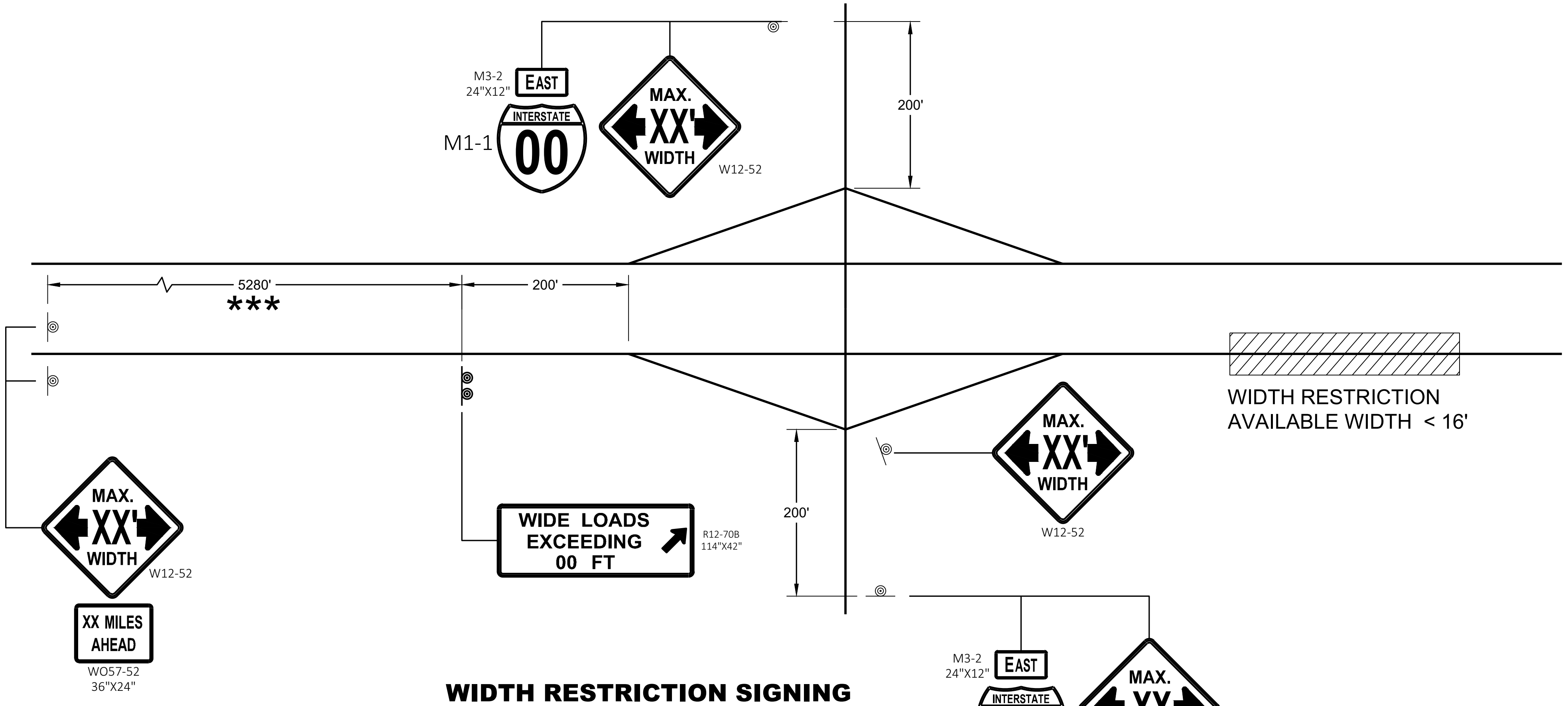
⑥ INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC 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.

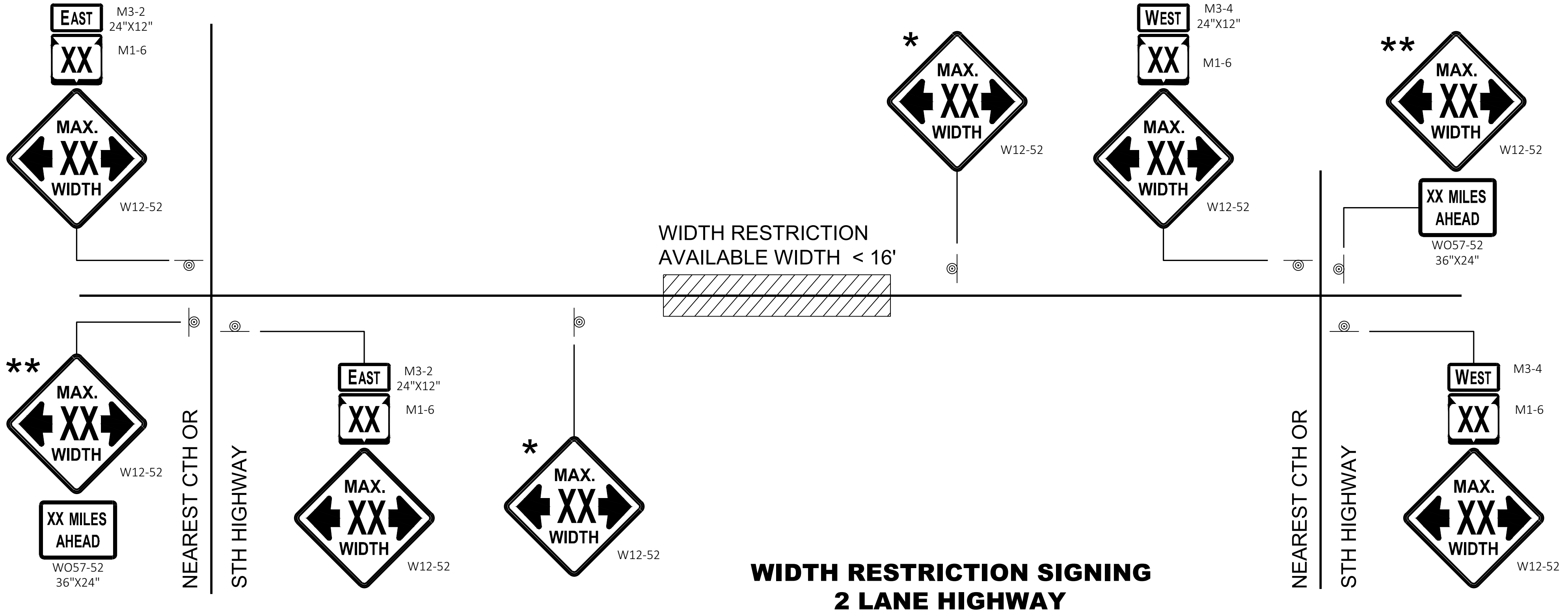
BARRICADES AND SIGNS
FOR
VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER
FHWA



WIDTH RESTRICTION SIGNING



WIDTH RESTRICTION SIGNING
2 LANE HIGHWAY

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.

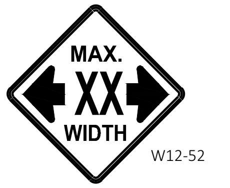
"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

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

ADVANCED WIDTH
RESTRICTION SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
FHWA

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.

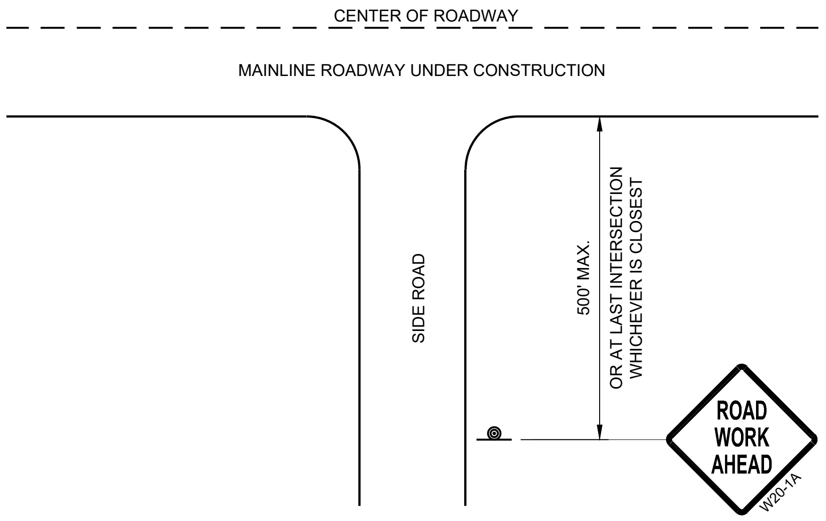
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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.



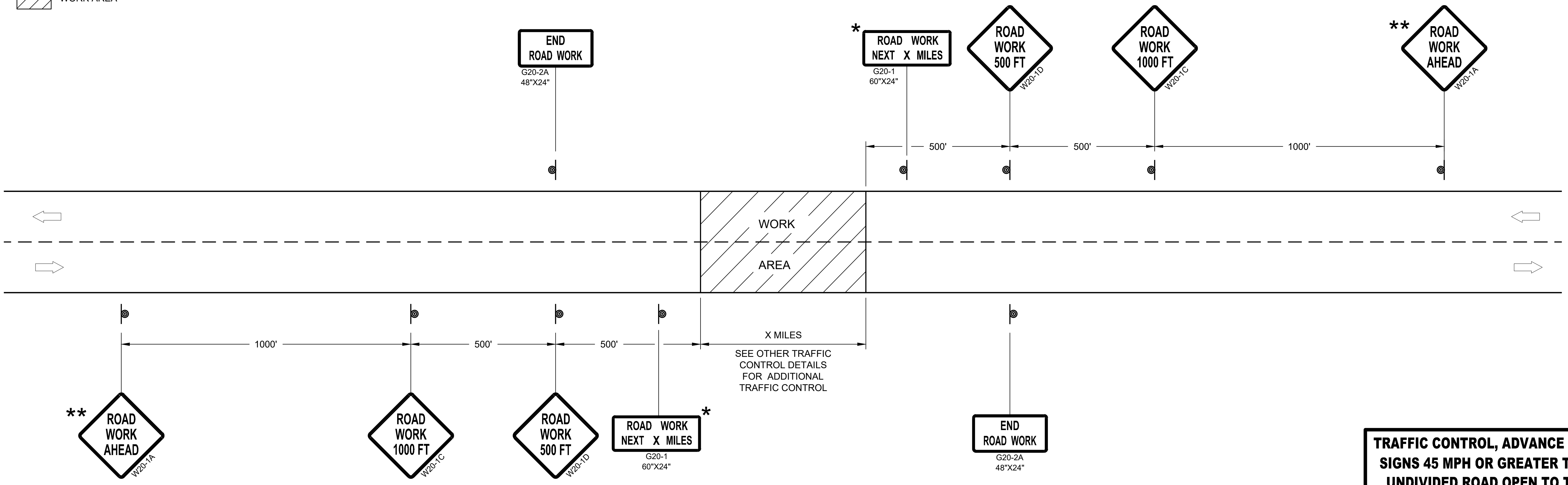
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

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 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEE
FHWA

GENERAL NOTES

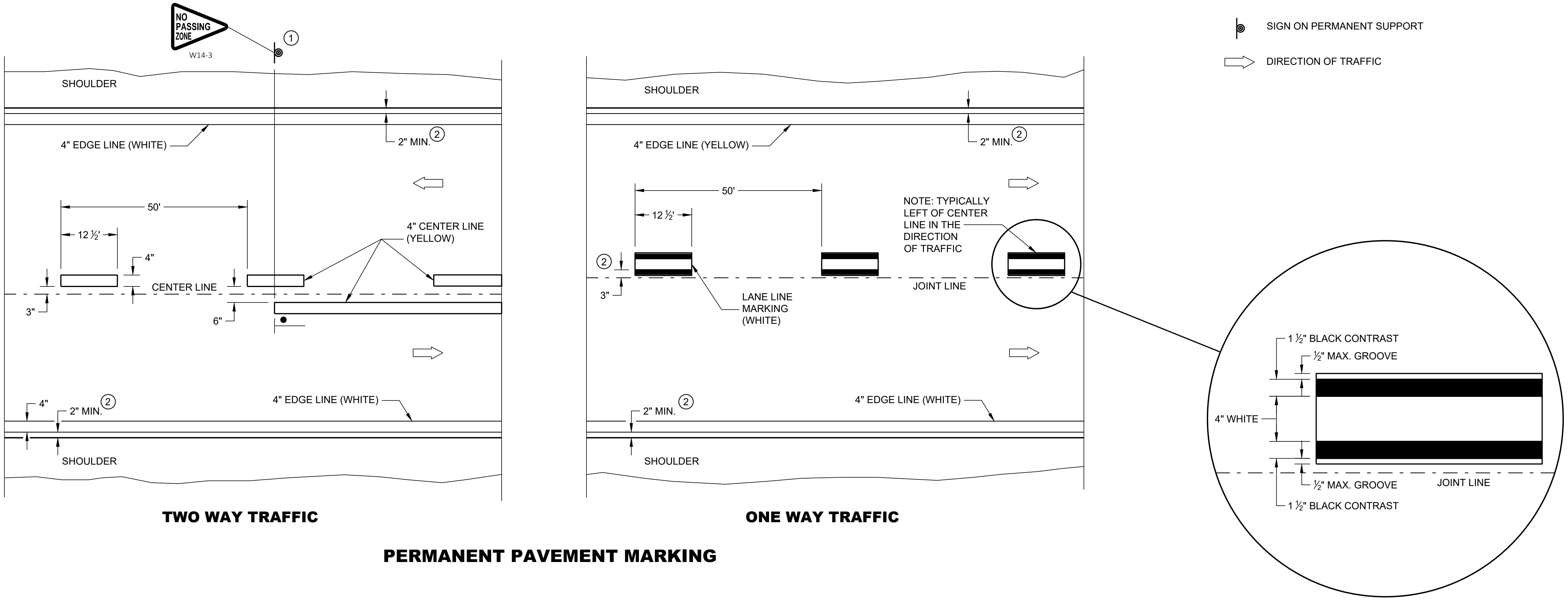
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

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

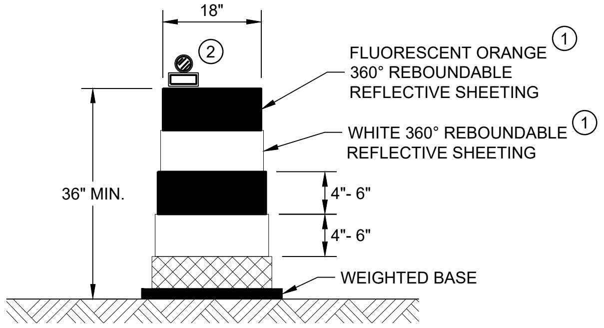
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE
/S/ Jeannie Silver
STATEWIDE SIGNING AND M ENGINEER
FHWA

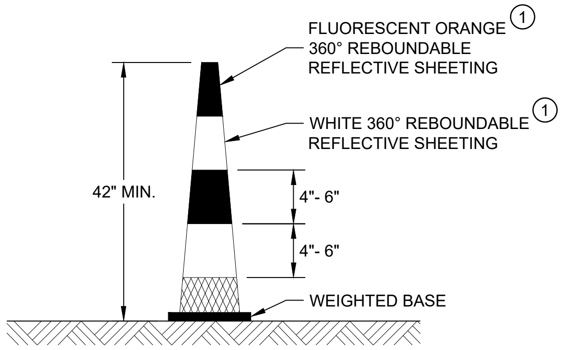
GENERAL NOTES

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.

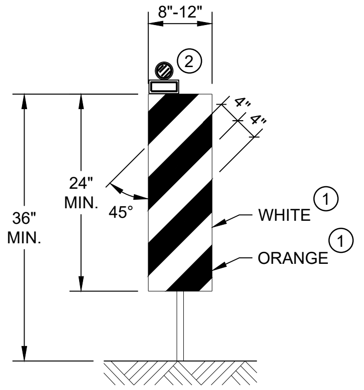


DRUM



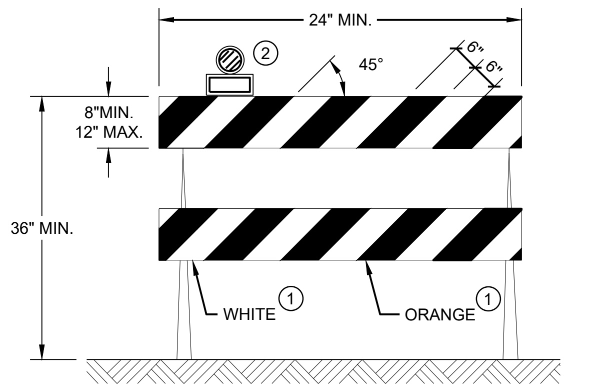
42" CONE

DO NOT USE IN TAPERS
½ SPACING OF DRUMS



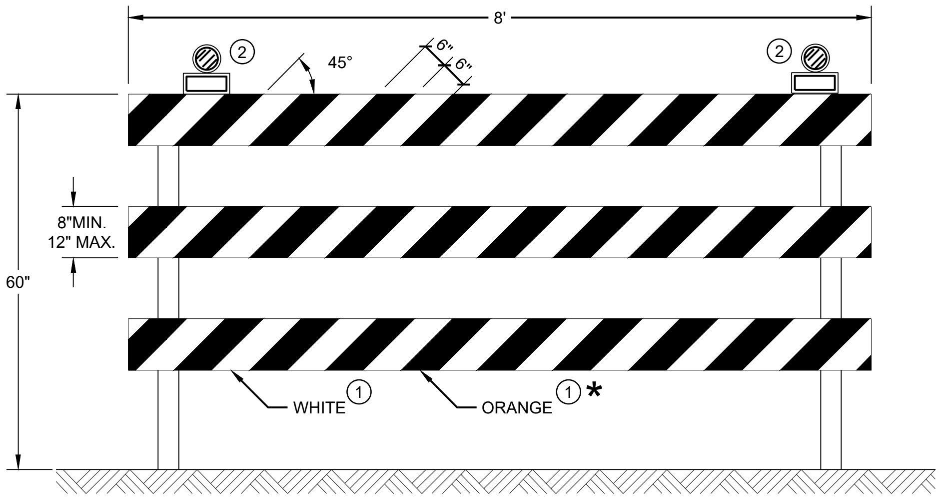
VERTICAL PANEL

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.

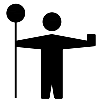
* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEE
FHWA

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.

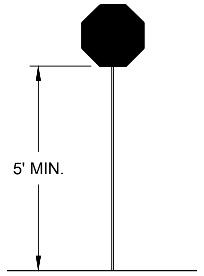
③ EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

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.



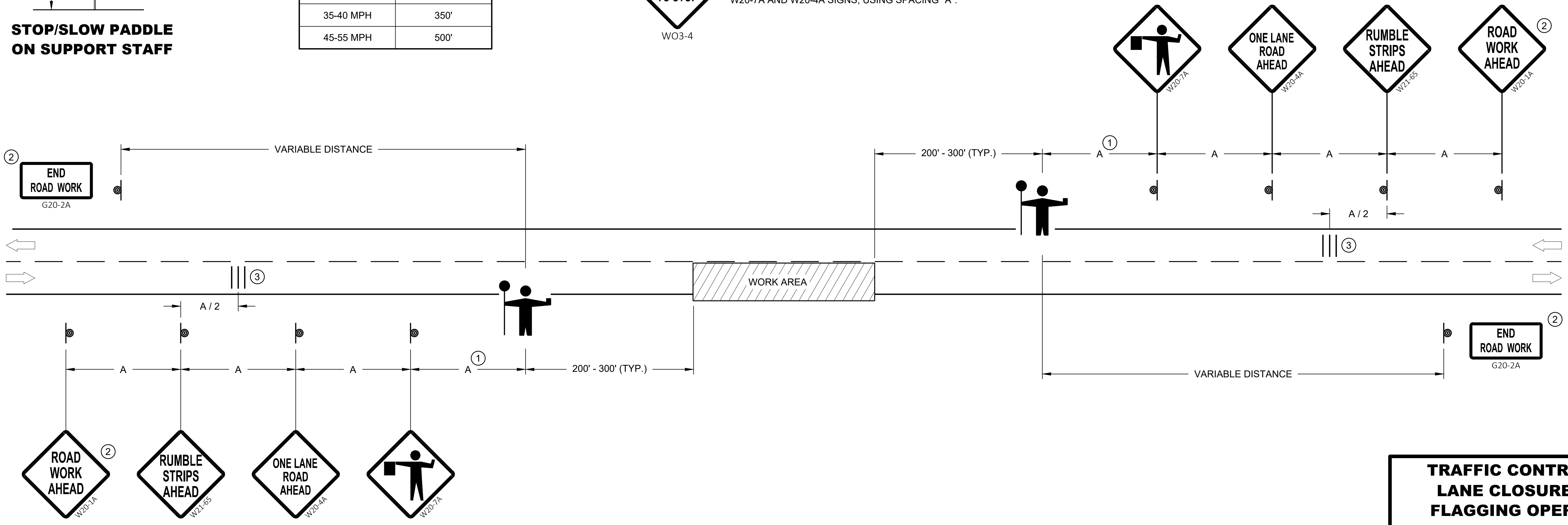
STOP/SLOW PADDLE ON SUPPORT STAFF

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 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
FHWA

SDD 15C12 - 09a

SDD 15C12 - 09a

LEGEND

V1 LEAD VEHICLE
V2 MARKING VEHICLE
V3 SHADOW VEHICLE
⊠ TRUCK MOUNTED ATTENUATOR (TMA)
╞ SIGN ON TEMPORARY SUPPORT
⇨ DIRECTION OF TRAFFIC
⁘ 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 OPERATING IN CAUTION MODE. 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.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

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.

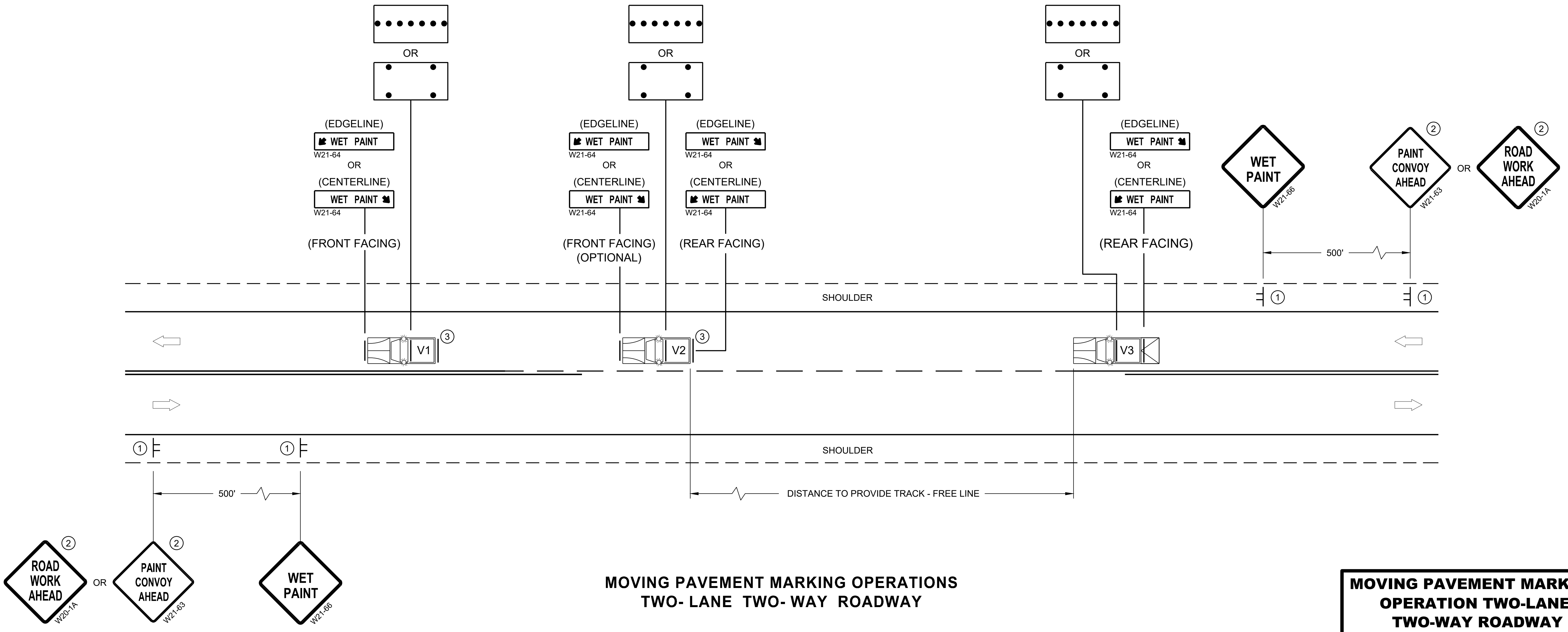
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM OF 28" FOR WET PAVEMENT MARKING .

① SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

② IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.

③ V1 AND V2 CAN BE SWITCHED SO THAT THE MARKER IS THE LEAD VEHICLE.

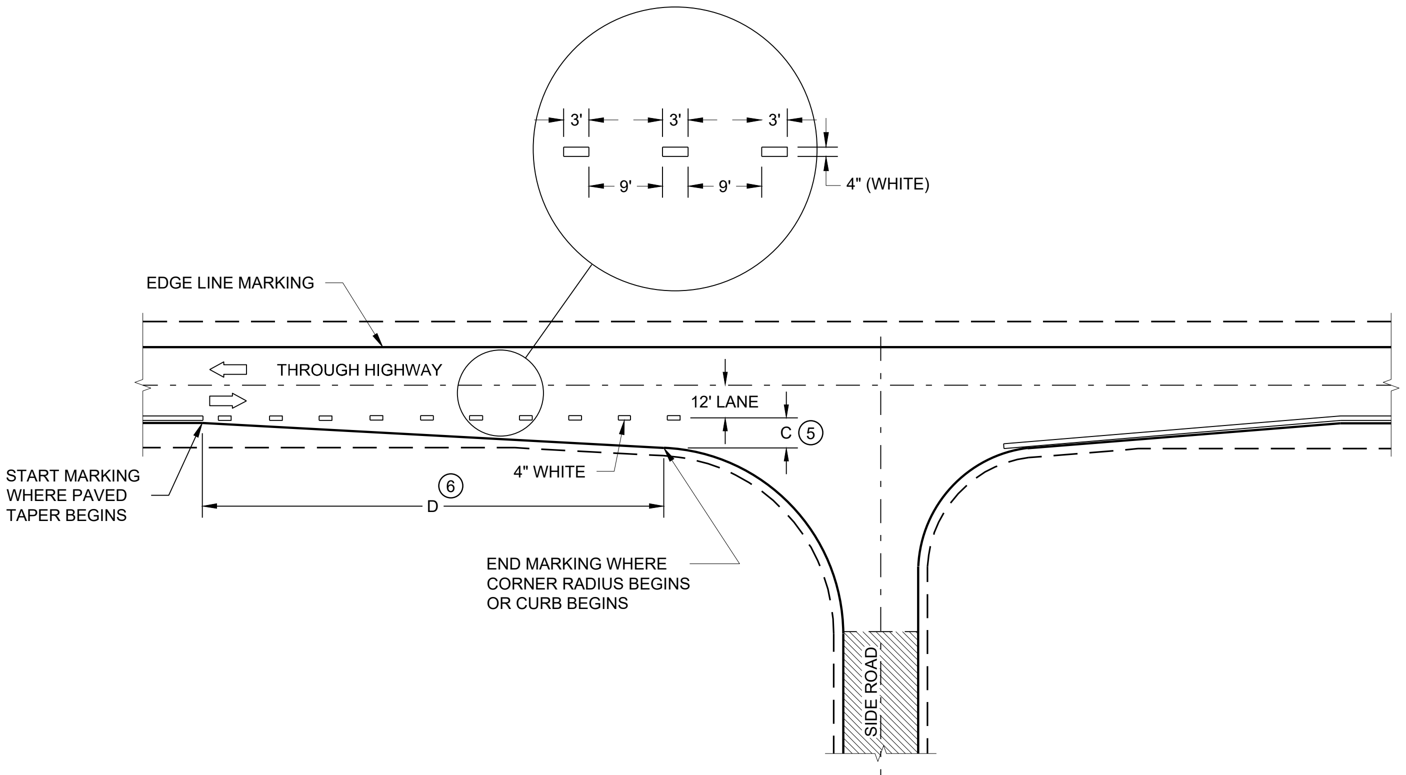


MOVING PAVEMENT MARKING OPERATIONS
TWO- LANE TWO- WAY ROADWAY

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA



MINOR INTERSECTION

GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

① WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.

② WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.

③ BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.

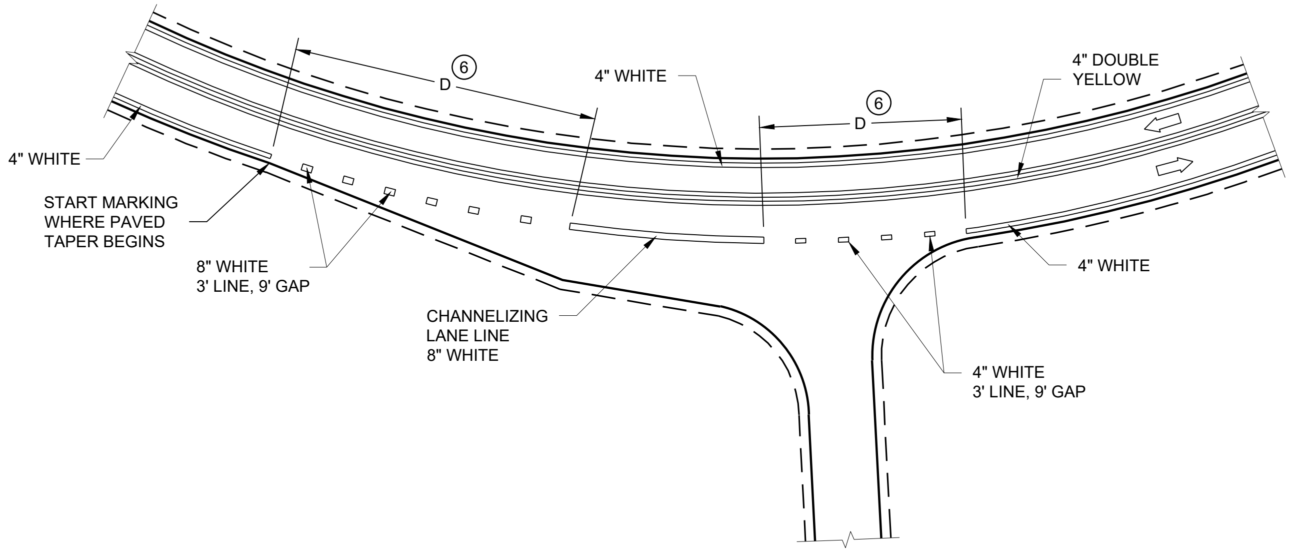
④ BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

⑤ WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.

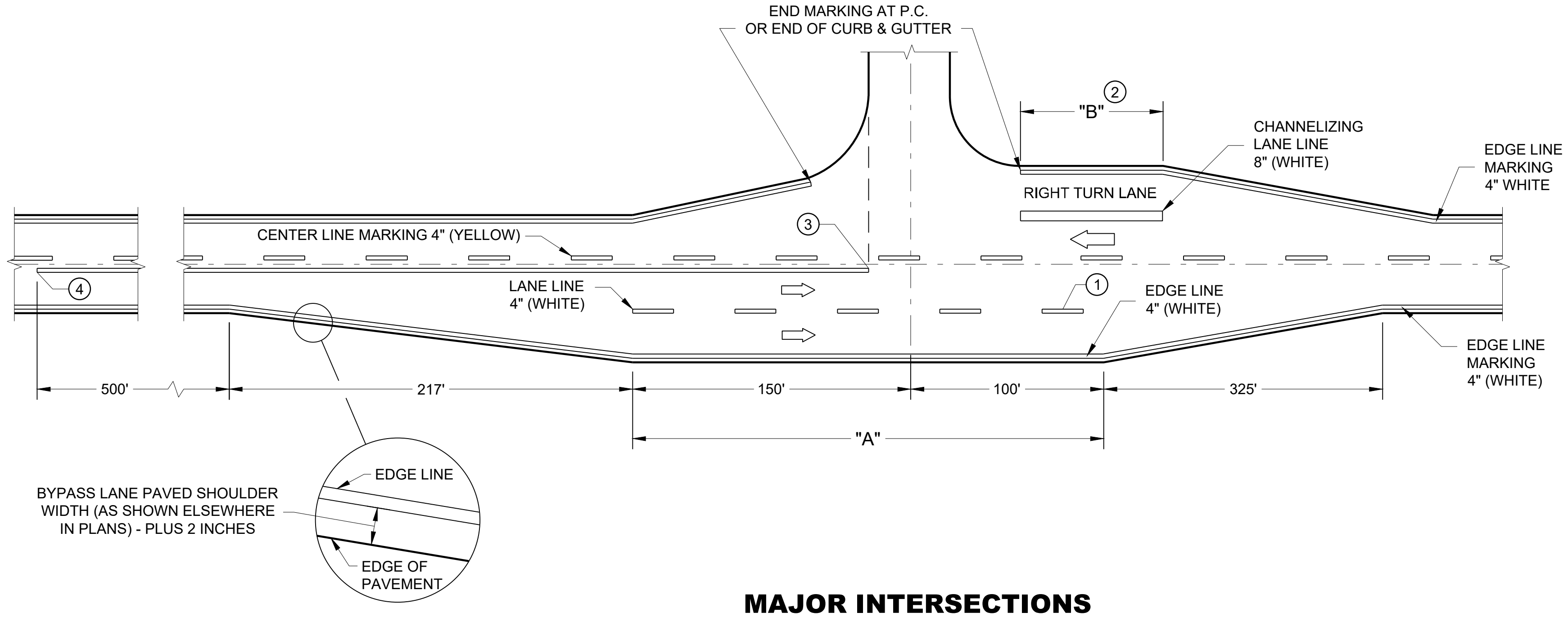
⑥ WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

⇨ DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATI

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.

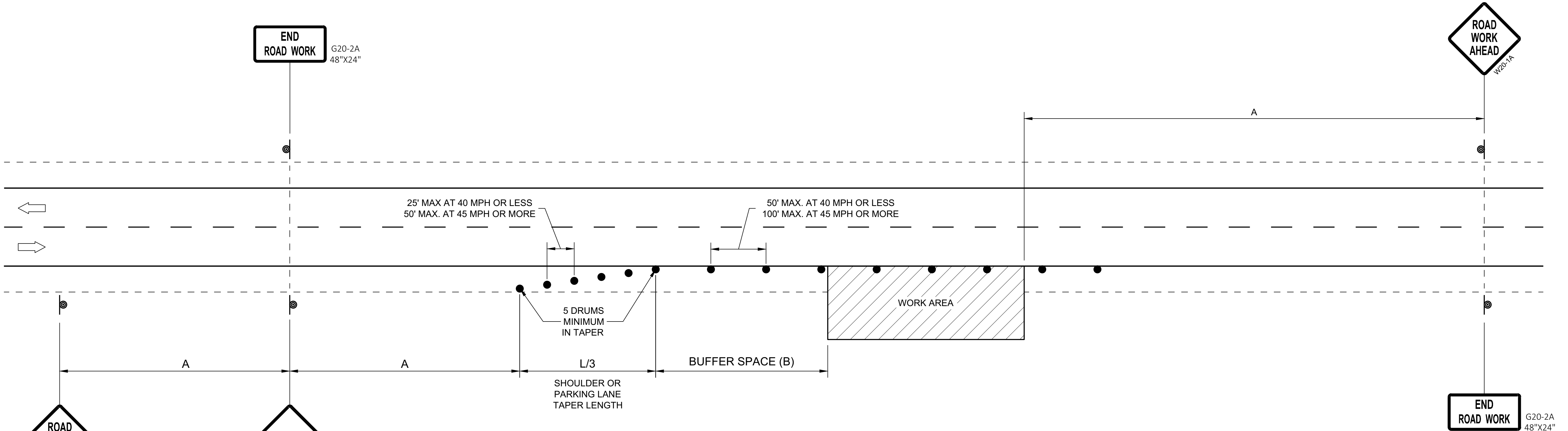
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

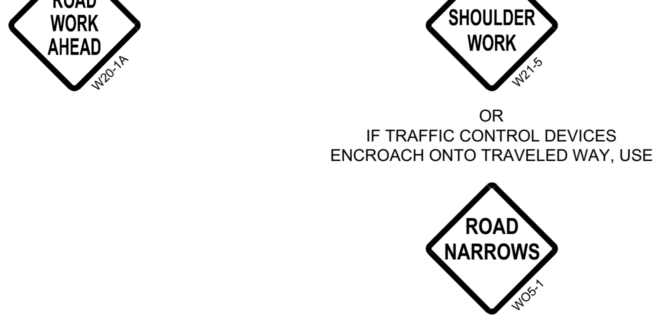
THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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.



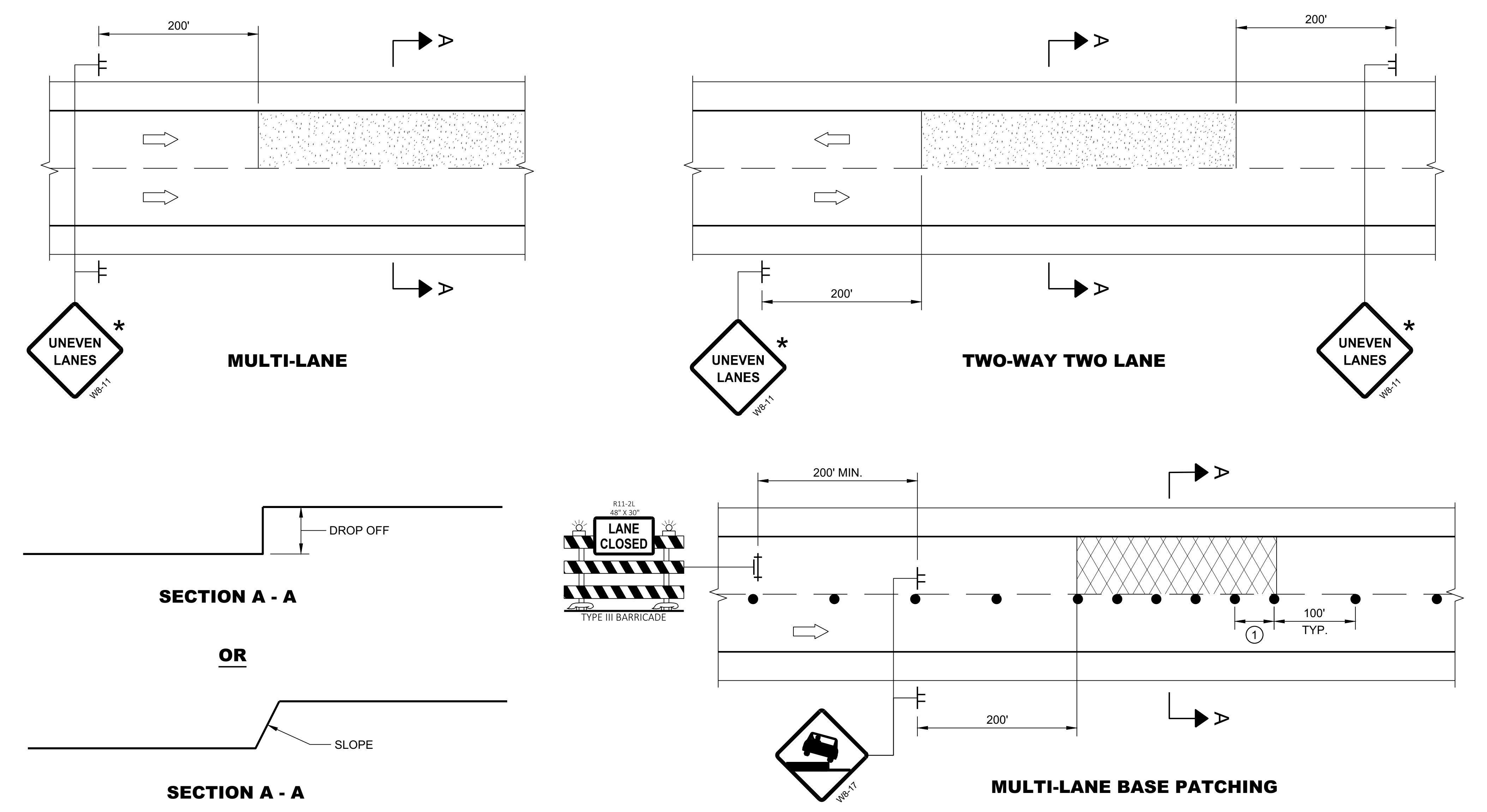


POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	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



MULTI-LANE

TWO-WAY TWO LANE

SECTION A - A

OR

SECTION A - A

MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS

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.

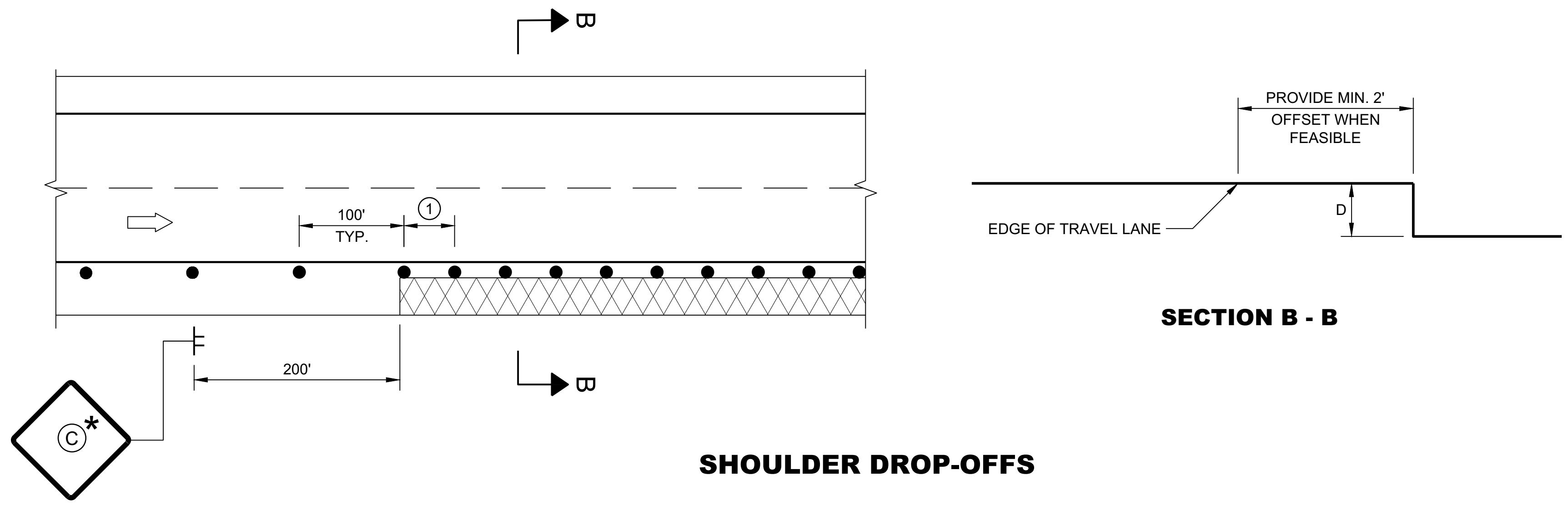
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* 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.

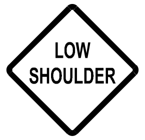
LEGEND

╞	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 B - B

SHOULDER DROP-OFFS

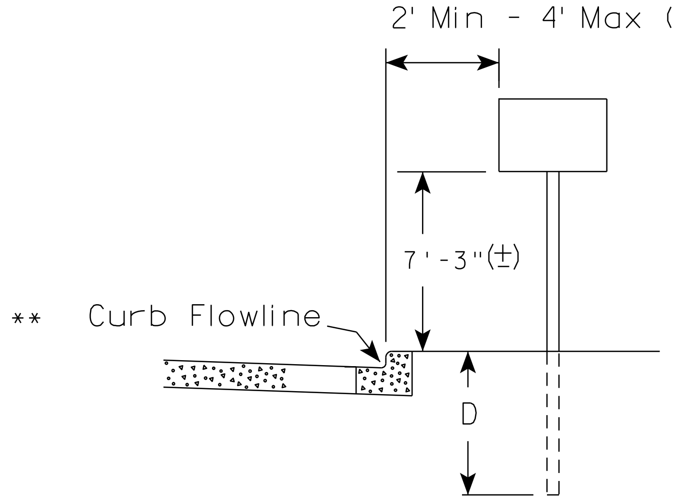
D	SIGN Ⓒ
< 2" WITH A SLOPE STEEPER THAN 3:1	 LOW SHOULDER WO8-9
2" < 6" WITH A SLOPE STEEPER THAN 3:1	 SHOULDER DROP - OFF W8-9A PROVIDE A 3:1 OR FLATTER SLOPE OF MATERIAL ADJACENT TO THE PAVEMENT

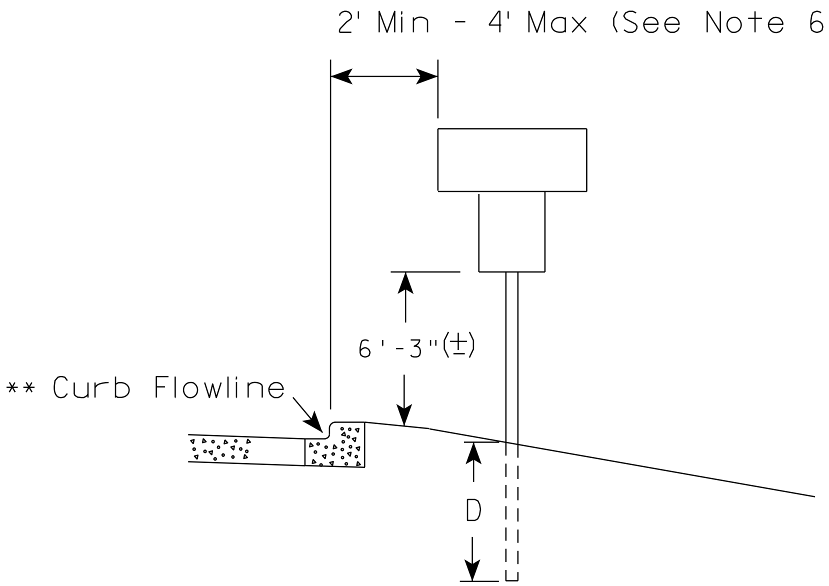
TRAFFIC CONTROL, DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

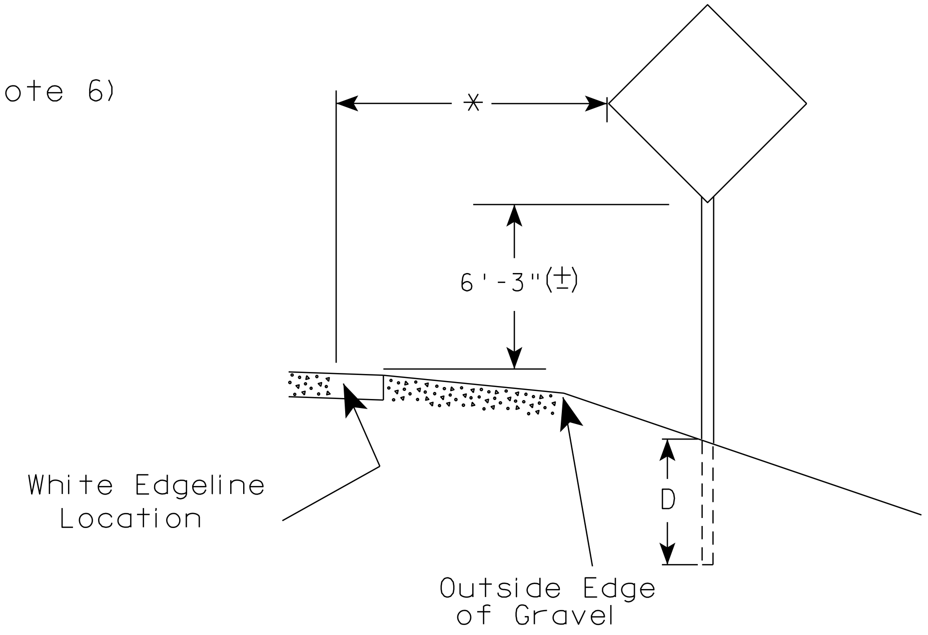
APPROVED
March 2018
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

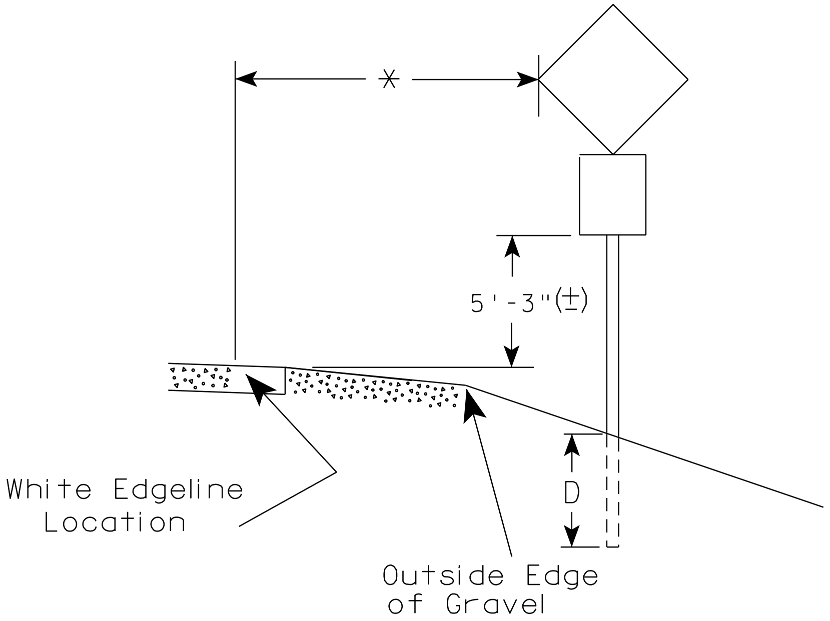
URBAN AREA





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.

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.

POST EMBEDMENT DEPTH

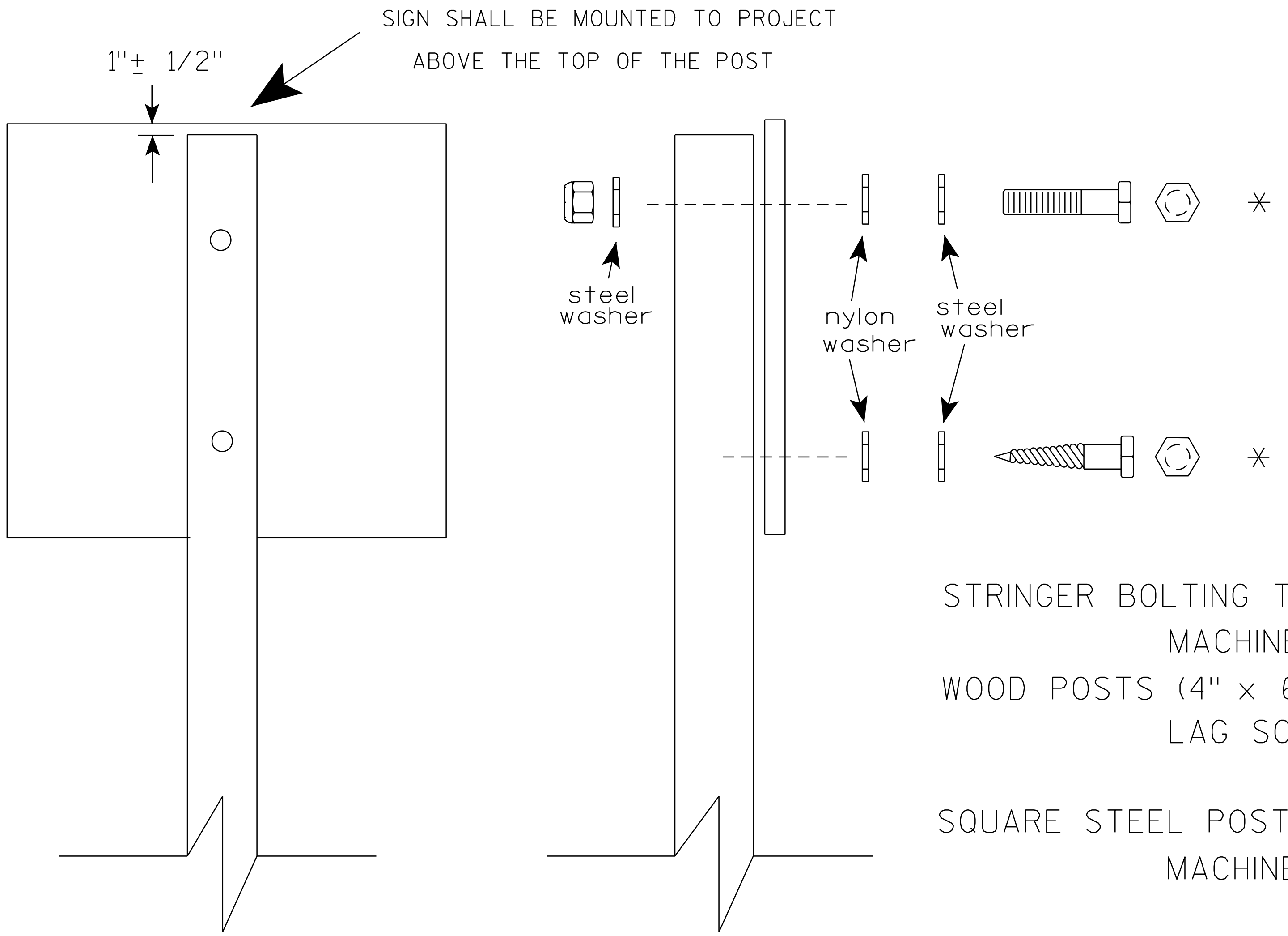
Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

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



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

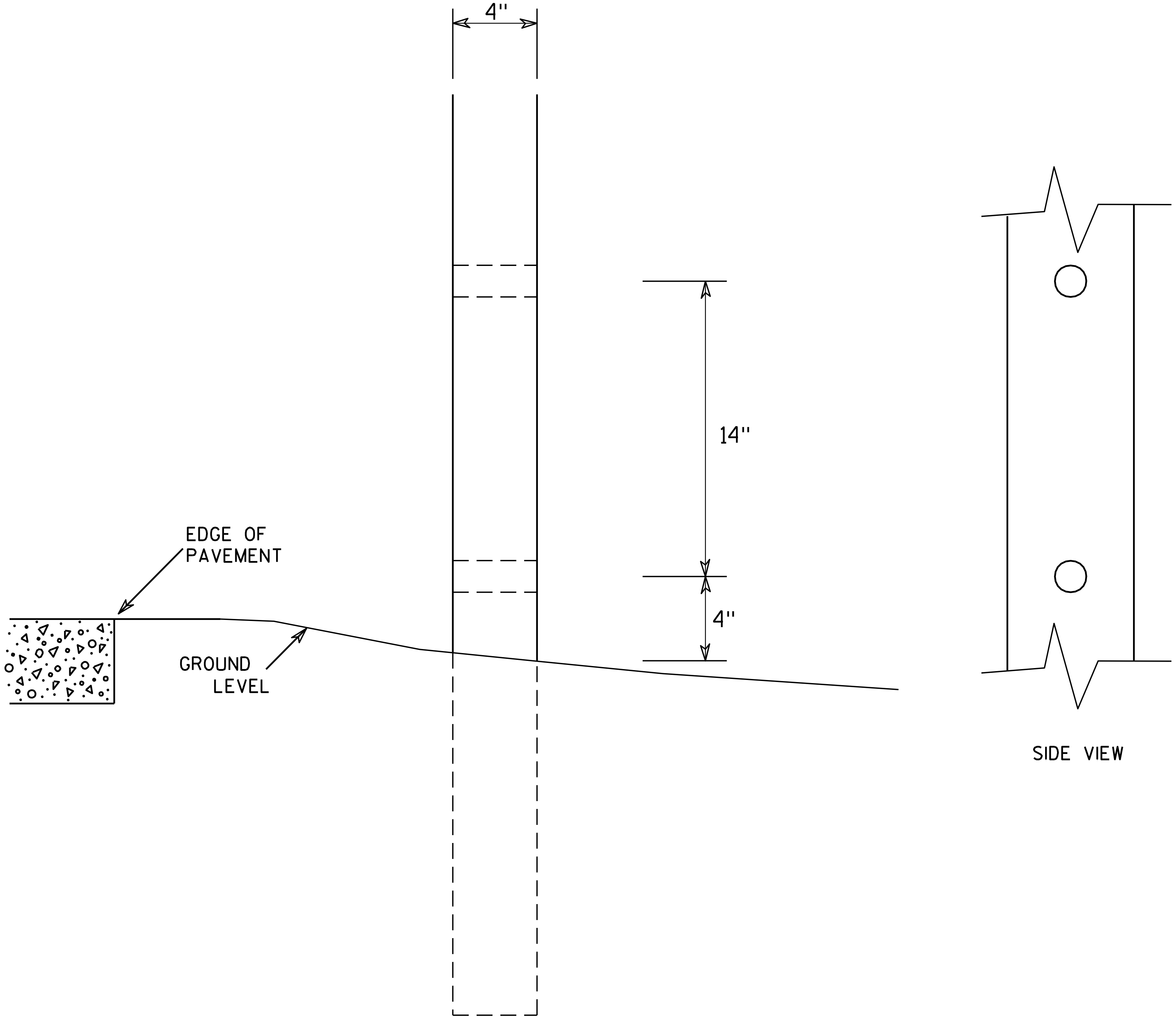
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

SHEET NO: 64 **E**



GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

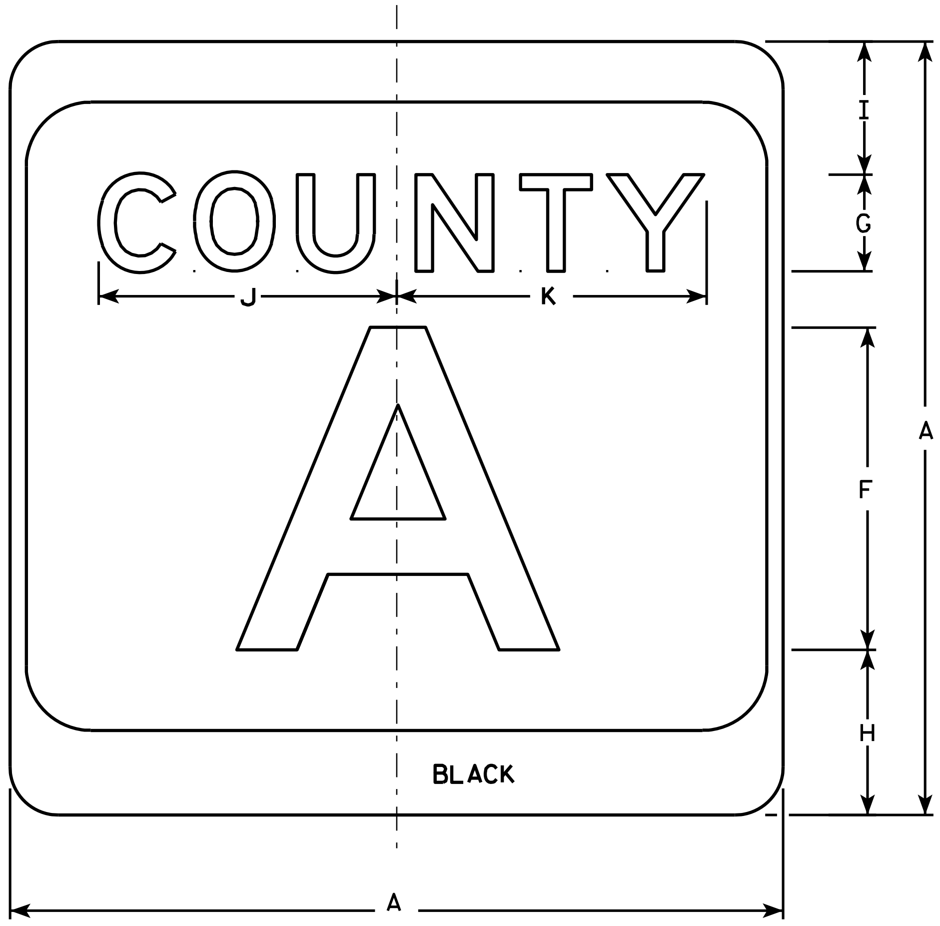
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

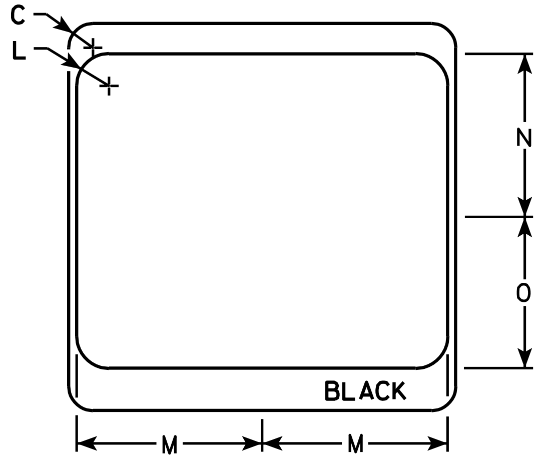
APPROVED Chester J Spang
for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 65 | E

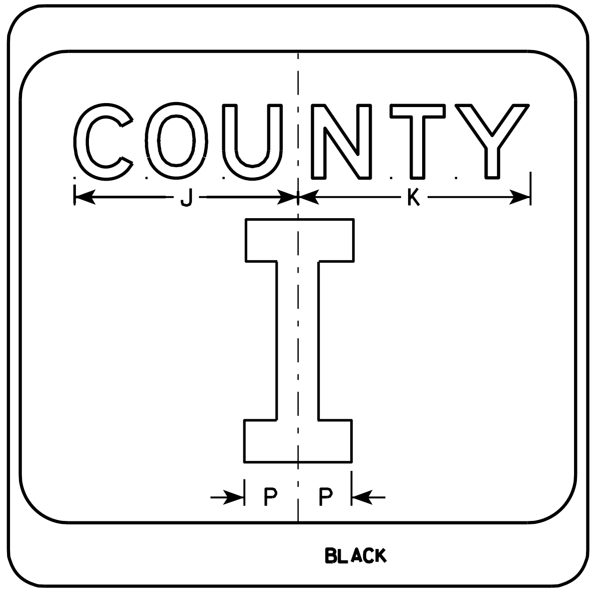


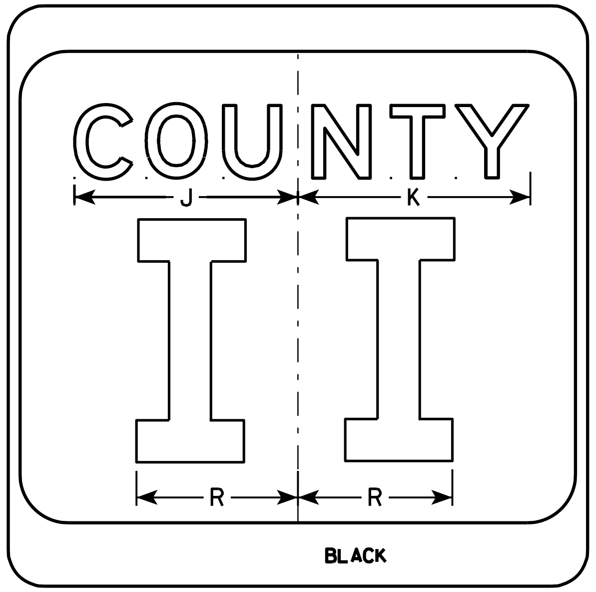
M1-5A



NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 7
   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. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective





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			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
forState Traffic Engineer

DATE 9/27/11 PLATE NO. M1-5A.8

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Green
   Message - White - Type H Reflective
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.

M1-94

* Minimum dimension is normally height of upper case letter.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	Varies	15	2 ¼		¾	4 ½	6	5	4 ⅛	8 ⅝	5 ¼	14 ⅝	7 ¾	6	8 ½			30									Varies
3																											
4	Varies	21	3		1	6	8	7 ⅛	4 ¾	9 ½	5 ¾	17 ½	9 ¼	7	12			36									Varies
5	Varies	21	3		1	6	8	7 ⅛	4 ¾	9 ½	5 ¾	17 ½	9 ¼	7	12			36									Varies

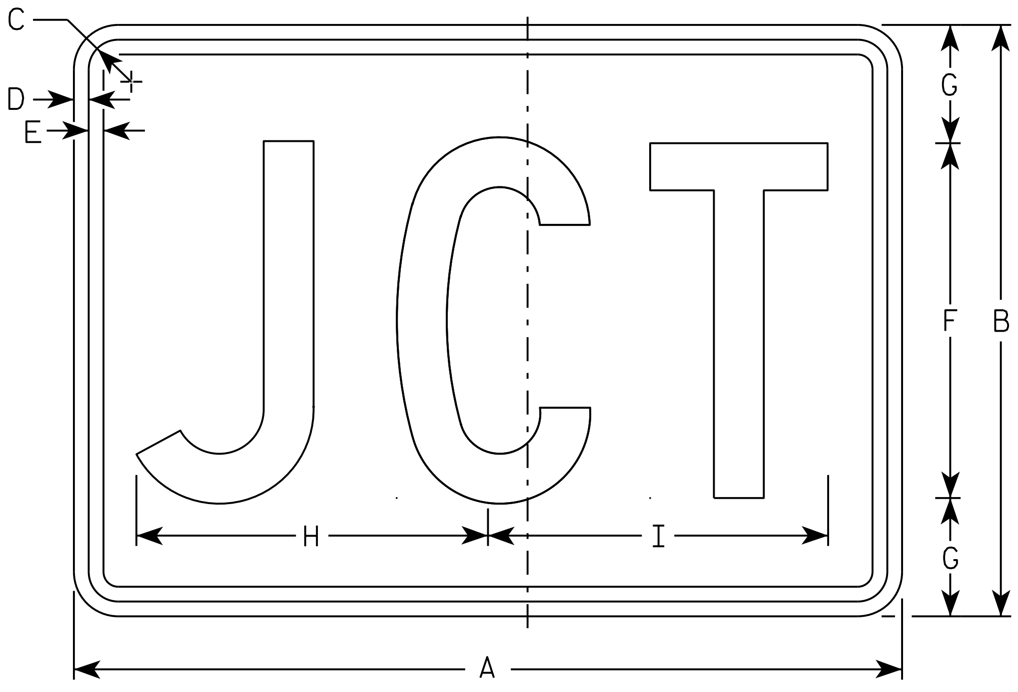
STANDARD SIGN
M1-94

WISCONSIN DEPT OF TRANSPORTATION

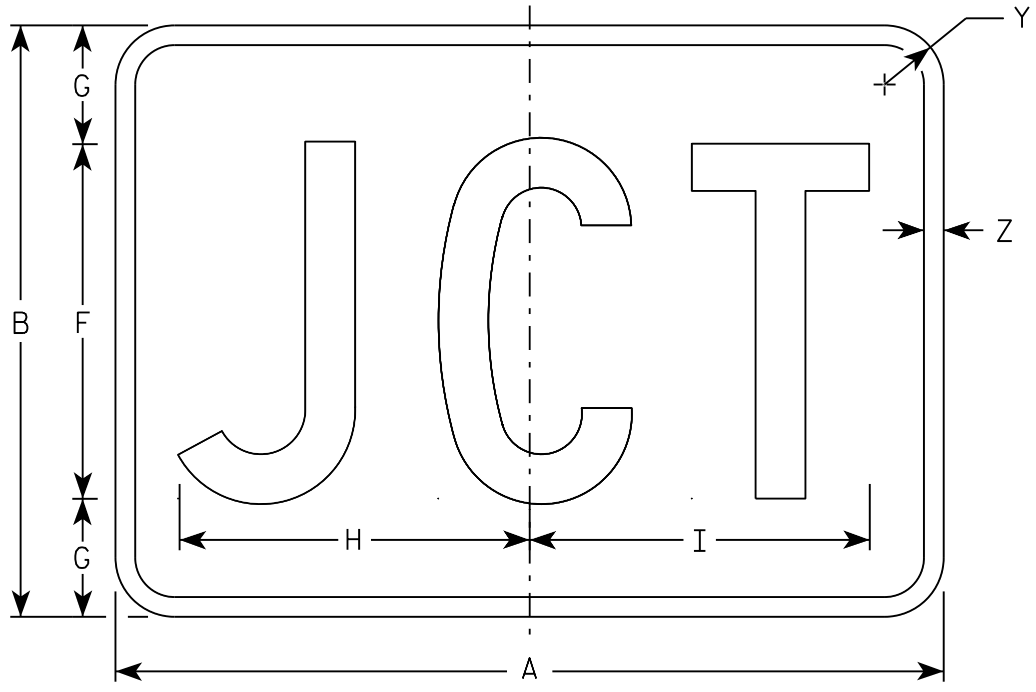
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 12/16/10 PLATE NO. M1-94.6

PROJECT NO: HWY: COUNTY: SHEET NO: 67 E



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

1. Sign is 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. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MP2-1 Background - White
   Message - Blue
   MR2-1 Background - Brown
   Message - Yellow

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	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20
3	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
4	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
5	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40

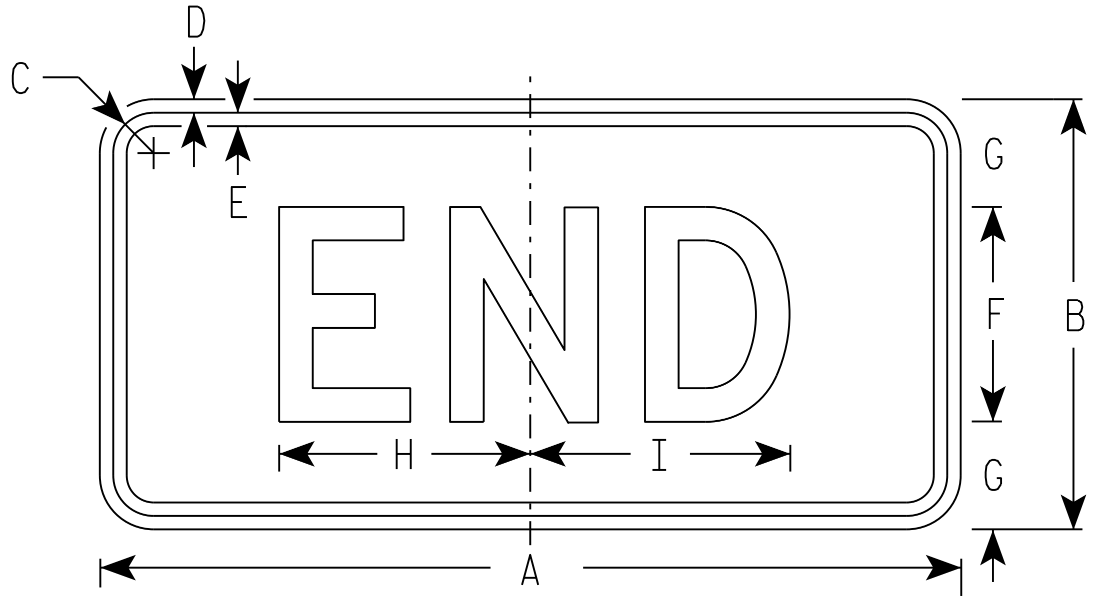
STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

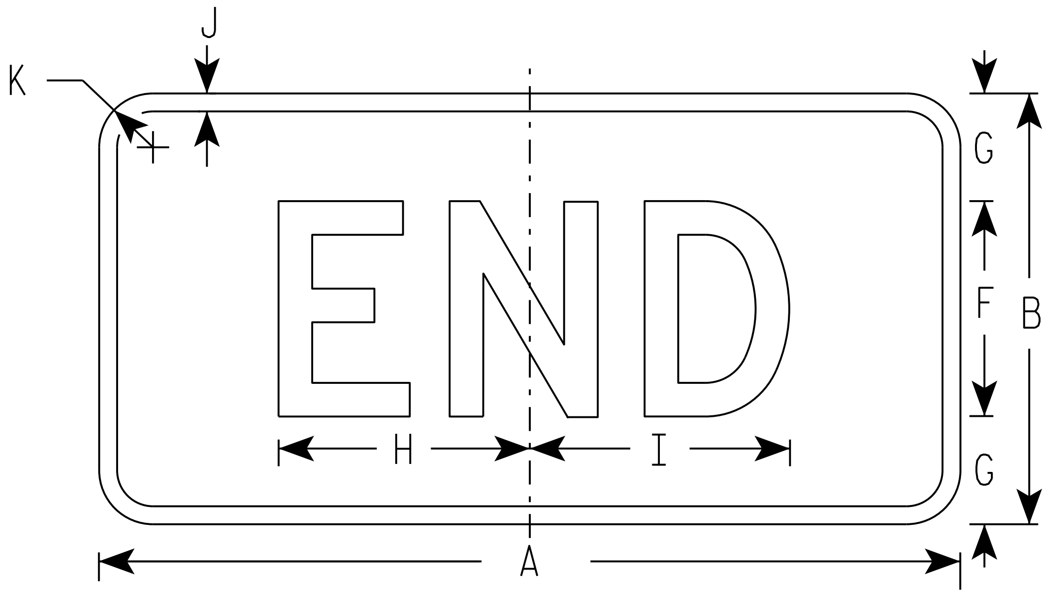
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE M2-1.12

PROJECT NO: HWY: COUNTY: SHEET NO: E



M4-6
MM4-6
MP4-6



MB4-6
MK4-6
MN4-6
MR4-6

NOTES

1. Sign is Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
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. M4-6 Background - White
   Message - Black

   MB4-6 Background - Blue
   Message - White

   MK4-6 Background - Green
   Message - White

   MM4-6 Background - White
   Message - Green

   MN4-6 Background - Brown
   Message - White

   MP4-6 Background - White
   Message - Blue

   MR4-6 Background - Brown
   Message - Yellow

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	7	7 1/4	1/2	1 1/2																2.00
3	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5
4	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5
5	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5

STANDARD SIGN
M4-6

WISCONSIN DEPT OF TRANSPORTATION

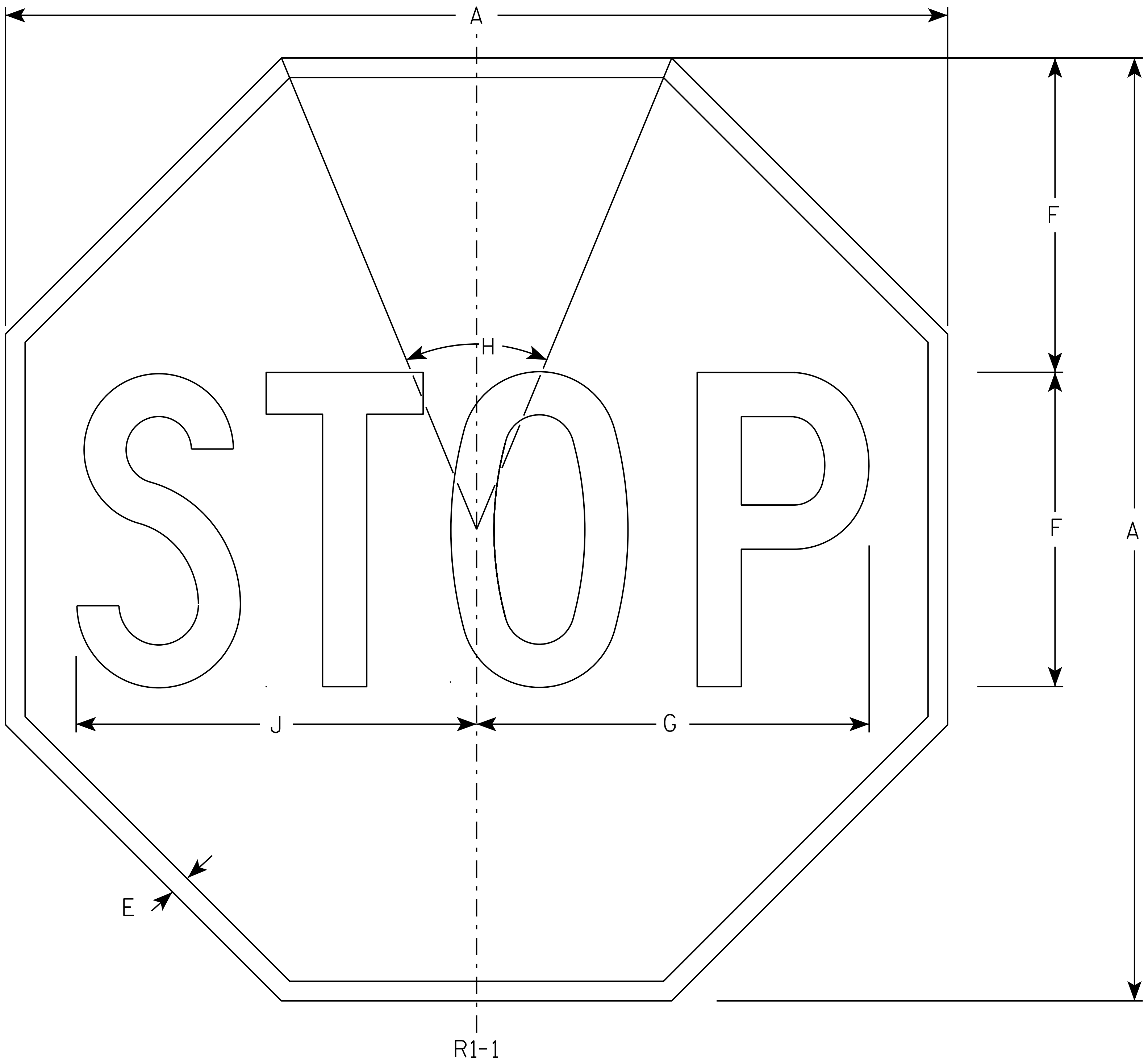
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE '14-7.9

PROJECT NO: HWY: COUNTY: SHEET NO: **E**

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M46.DGN PLOT DATE : 01-DEC-2015 17:55 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 5.351066:1.000000

7



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

7

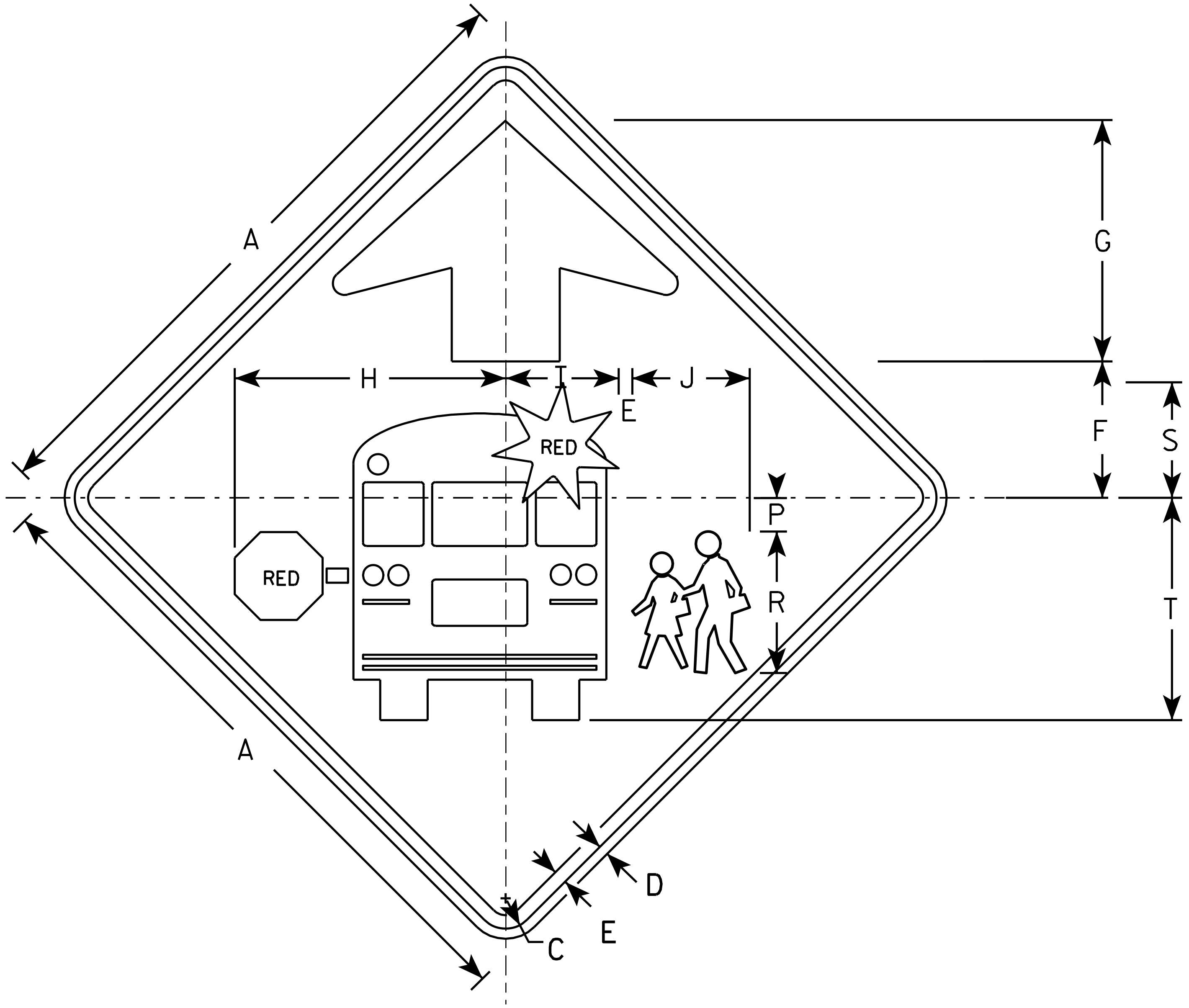
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

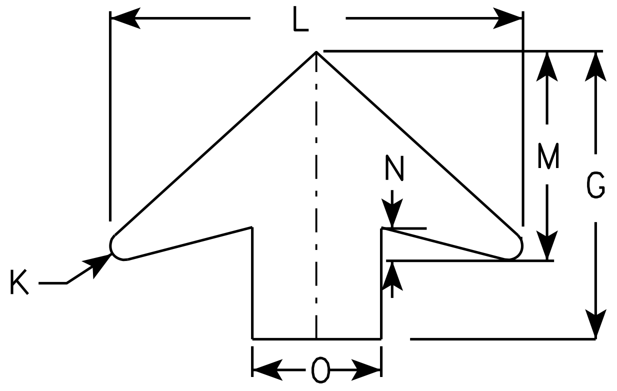
PROJECT NO: HWY: COUNTY:



S3-1

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW-GREEN
   Message - BLACK except as noted
   Circles except PEDS- RED BACKGROUND
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	30		1 3/8	1/2	5/8	6 1/4	11 1/4	12 1/2	5 1/4	5 1/2	1/2	16	8	1 1/4	5	1 1/2		6 5/8	5 3/8	10 3/8							6.25
2	36		1 5/8	5/8	3/4	7 1/2	13 1/2	15 1/8	6 1/4	6 1/2	5/8	19 1/4	9 3/4	1 5/8	6	1 7/8		7 7/8	6 3/8	12 3/8							9.0
3	48		2 1/4	3/4	1	10	17 7/8	20 1/8	8 3/8	8 3/4	7/8	25 5/8	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
4	48		2 1/4	3/4	1	10	17 7/8	20 1/8	8 3/8	8 3/4	7/8	25 5/8	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
5																											

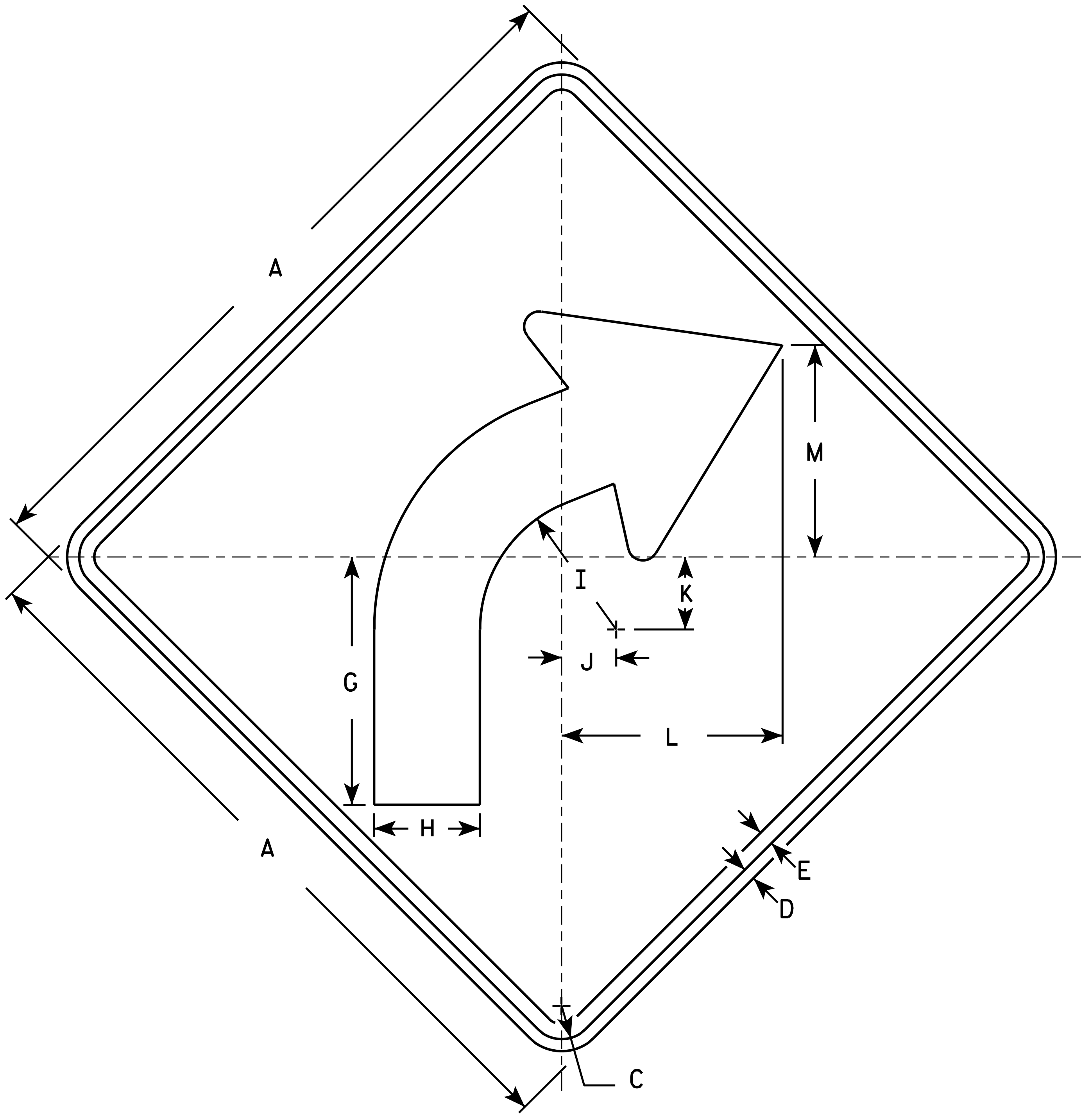
STANDARD SIGN
S3-1

WISCONSIN DEPT OF TRANSPORTATION
APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 6/8/10 PLATE NO. S3-1.6

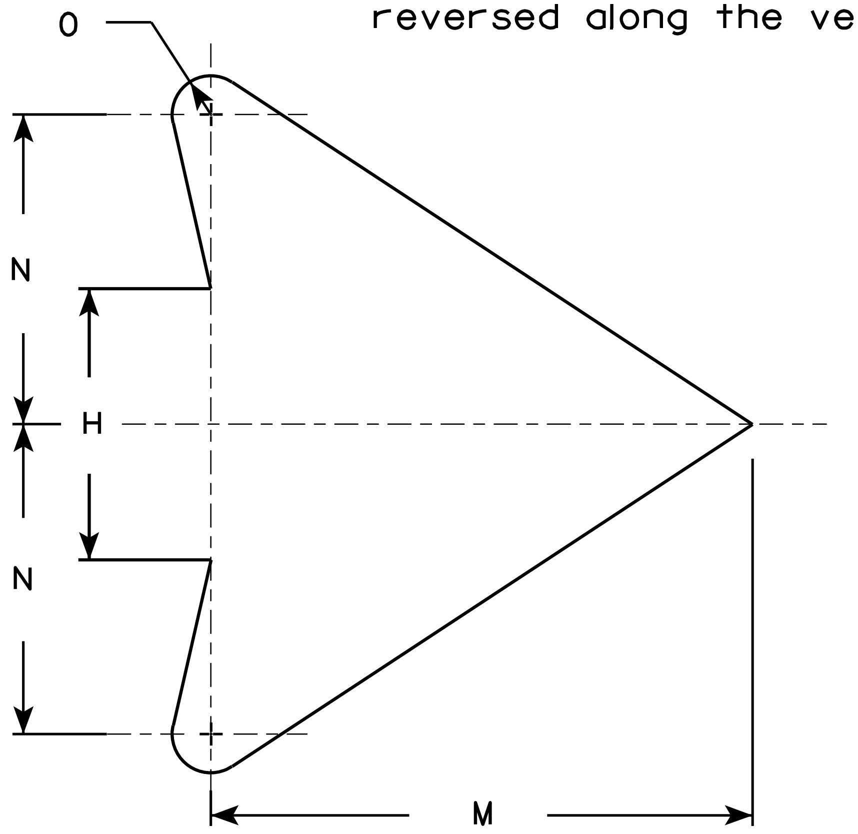
PROJECT NO:

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.
4. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



W1-2R



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	v	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
2S	30		1 3/8	1/2	5/8		10 1/4	4 3/8	5 5/8	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
3	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
4	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
5	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0

STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

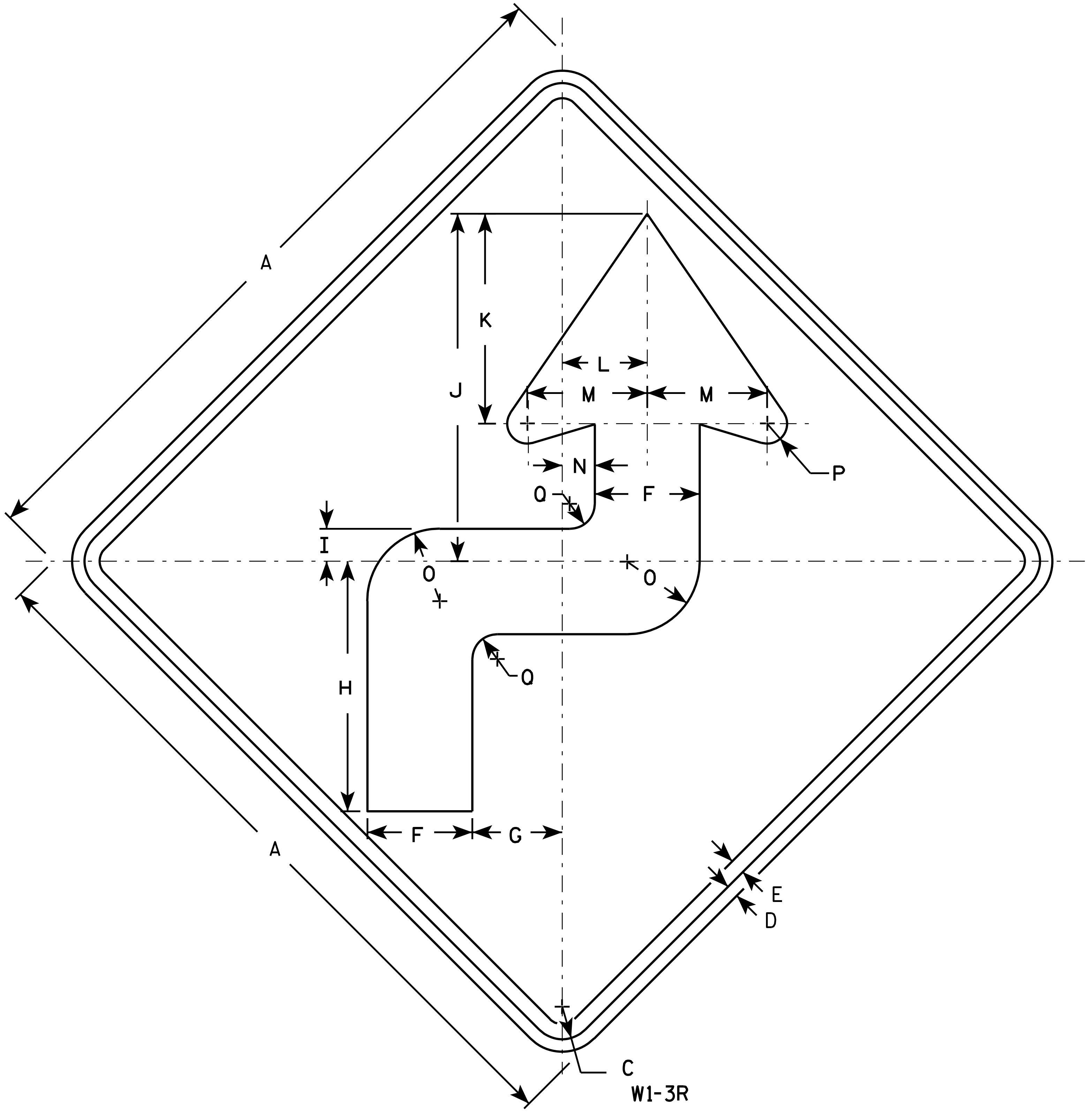
DATE 5/15/12 PLATE NO. W1-2.10

PROJECT NO: HWY: COUNTY:

SHEET NO: 72 E

7 7

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W12.DGN PLOT DATE : 15-MAY-2012 14:03 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 6.202372:1.000000



W1-3R

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.
4. W1-3L is the same as W1-3R 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	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	3 1/2	3	8 3/8	1 1/8	11 5/8	7	2 3/4	4	1 1/8	2 1/2	5/8	7/8										4.0
2S	36		1 5/8	5/8	3/4	5 1/4	4 1/2	12 1/2	1 5/8	17 3/8	10 1/2	4 1/4	6	1 5/8	3 5/8	1	1 1/4										9.0
2M	36		1 5/8	5/8	3/4	5 1/4	4 1/2	12 1/2	1 5/8	17 3/8	10 1/2	4 1/4	6	1 5/8	3 5/8	1	1 1/4										9.0
3	36		1 5/8	5/8	3/4	5 1/4	4 1/2	12 1/2	1 5/8	17 3/8	10 1/2	4 1/4	6	1 5/8	3 5/8	1	1 1/4										9.0
4	36		1 5/8	5/8	3/4	5 1/4	6	12 1/2	1 5/8	17 3/8	10 1/2	4 1/4	6	1 5/8	3 5/8	1	1 1/4										9.0
5	48		2 1/4	3/4	1	7	6	16 5/8	2 1/4	23 1/4	14	5 5/8	8	2 1/8	4 7/8	1 1/4	1 5/8										16.0

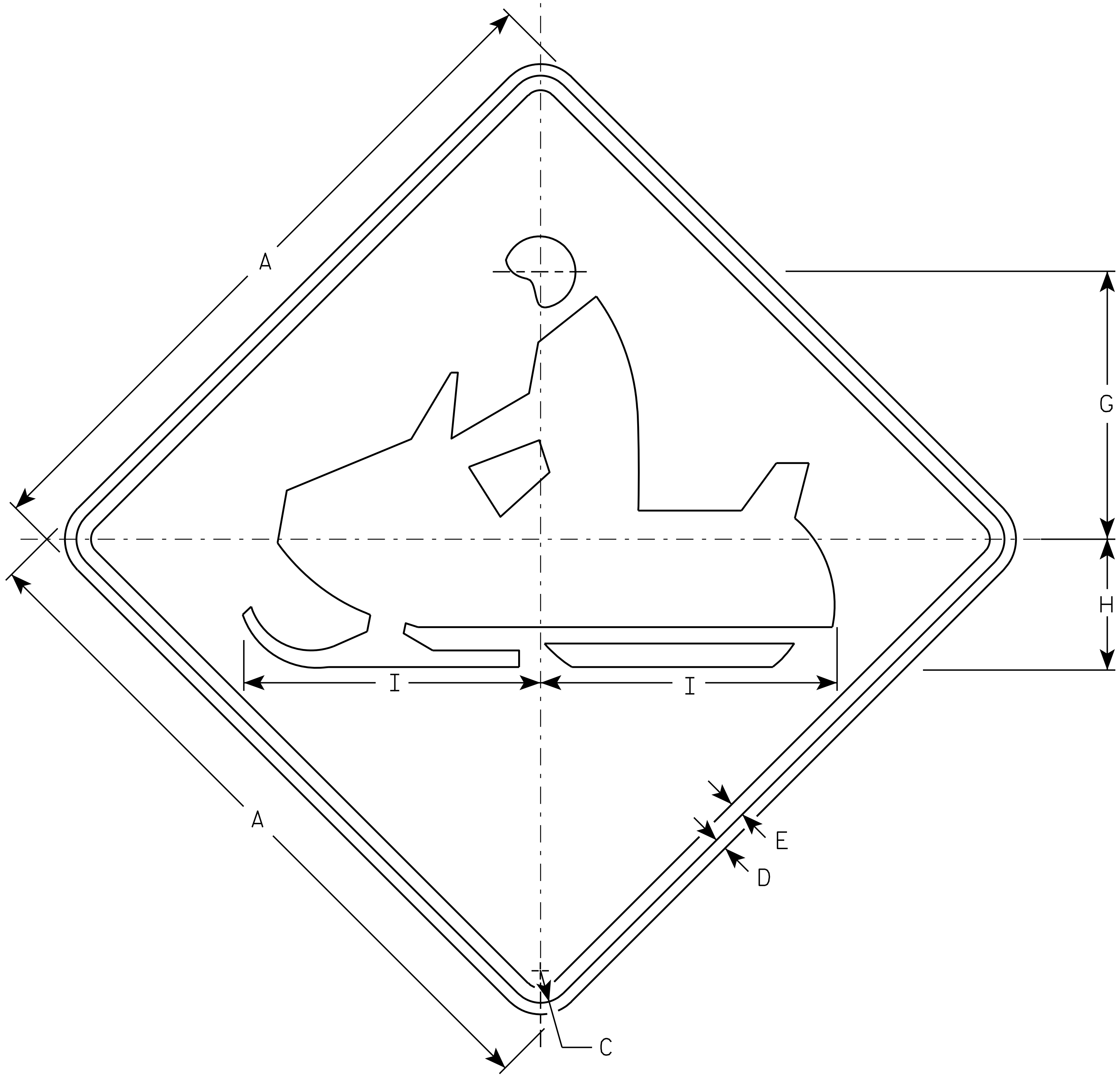
STANDARD SIGN
W1-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/17/12 PLATE NO. W1-3.8

PROJECT NO: | HWY: | COUNTY:



W11-6

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - 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.

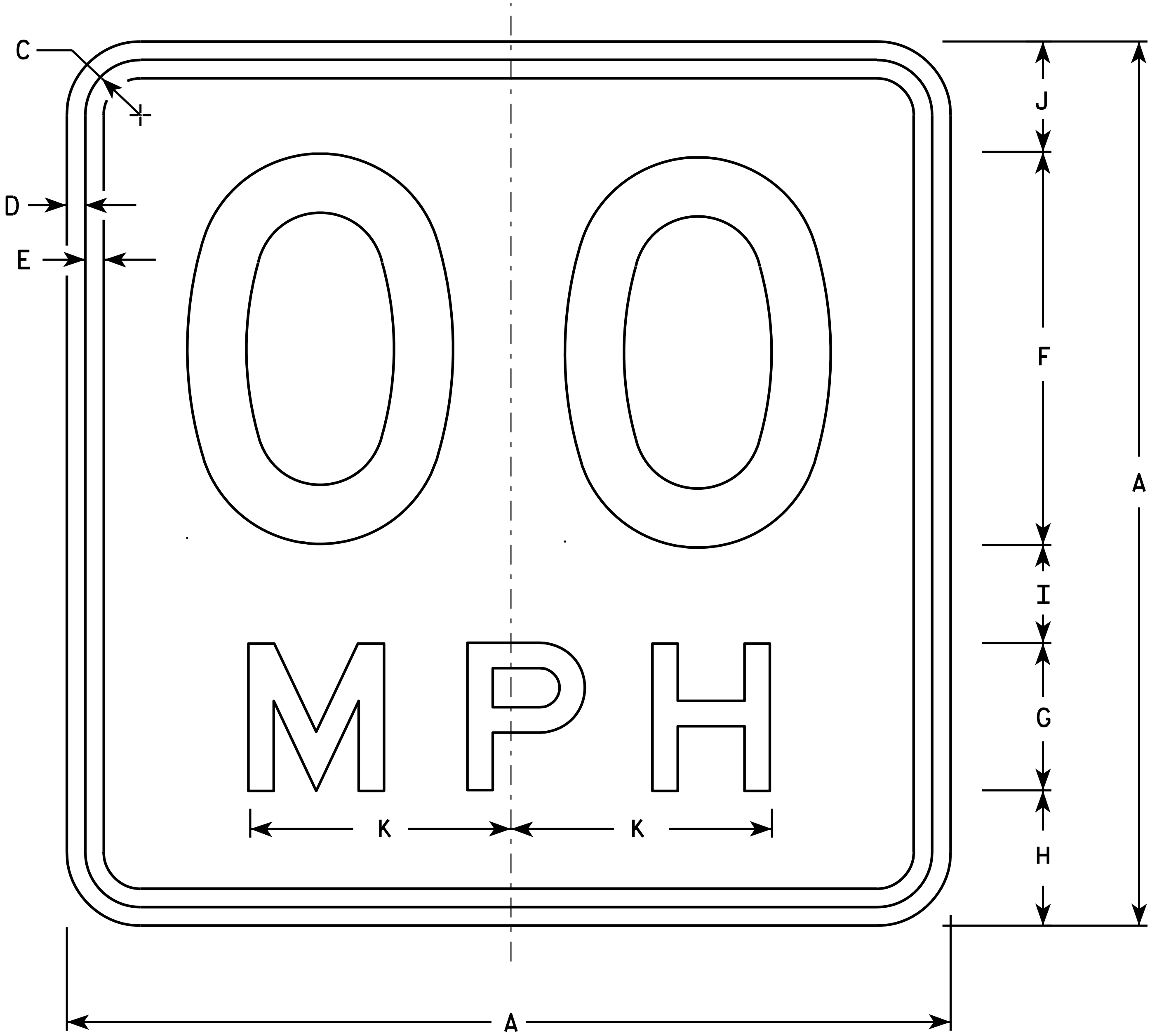
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2		9 1/2	4 1/2	10 1/4																		4.0
2S	30		1 3/8	1/2	5/8		11 1/2	5 5/8	12 3/4																		6.25
2M	30		1 3/8	1/2	5/8		11 1/2	5 5/8	12 3/4																		6.25
3	36		1 5/8	5/8	3/4		14 1/8	6 3/4	15 1/4																		9.0
4	48		2 1/4	3/4	1		19	9	20 1/2																		16.0
5																											

STANDARD SIGN
W11-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 3/13/13 PLATE NO. W11-6.8

PROJECT NO: HWY: COUNTY:



W13-1

* For 30" x 30" Warning Signs, use 18" x 18" W13-1 signs.
For 36" x 36" Warning Signs, use 24" x 24" W13-1 signs.

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 - 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	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*2S	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*2M	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
3	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
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
W13-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 5/31/12 PLATE NO. W13-1.16

PROJECT NO: HWY: COUNTY: SHEET NO: 75 E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W131.DGN PLOT DATE : 31-MAY-2012 10:57 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 3.225232:1.000000

			AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
STATION	REAL STATION	DISTANCE	CUT	SALVAGED/ UNUSABLE PAVEMENT MATERIAL	BASE AGGREGATE DENSE - SUPERELEVATION CORRECTION NOTE 1	FILL	CUT NOTE 2	SALVAGED/ UNUSABLE PAVEMENT MATERIAL NOTE 3	FILL NOTE 4	CUT 1.00 NOTE 2	EXPANDED FILL 1.25	MASS ORDINATE NOTE 5
FULL PAVEMENT STRUCTURE REPLACEMENT												
1001+00.00	100100.00	0.00	53.97	8.67	0.00	1.62	0.00	0.00	0.00	0.00	0.00	0.00
1002+00.00	100200.00	100.00	54.72	8.67	0.00	0.08	202.67	32.10	0.30	202.67	0.37	170.20
1003+00.00	100300.00	100.00	55.54	8.67	0.00	18.74	205.70	32.10	69.41	408.37	87.13	257.04
1004+00.00	100400.00	100.00	63.07	8.67	0.00	12.18	233.59	32.10	45.11	641.96	143.52	402.15
1005+00.00	100500.00	100.00	61.06	8.67	0.00	11.68	226.15	32.10	43.26	868.11	197.59	542.12
1006+00.00	100600.00	100.00	53.90	8.67	0.00	0.91	199.63	32.10	3.37	1067.74	201.81	705.44
1007+00.00	100700.00	100.00	50.74	8.67	0.00	0.76	187.93	32.10	2.81	1255.67	205.32	857.75
1008+00.00	100800.00	100.00	43.05	8.67	0.00	1.94	159.44	32.10	7.19	1415.11	214.31	976.11
1009+00.00	100900.00	100.00	42.86	8.67	0.00	3.63	158.74	32.10	13.44	1573.85	231.11	1085.95
1010+00.00	101000.00	100.00	44.50	8.67	0.00	3.17	164.81	32.10	11.74	1738.67	245.79	1203.99
1011+00.00	101100.00	100.00	34.01	8.67	0.00	3.53	125.96	32.10	13.07	1864.63	262.13	1281.51
1012+00.00	101200.00	100.00	26.73	8.67	0.00	2.91	99.00	32.10	10.78	1963.63	275.60	1334.94
1013+00.00	101300.00	100.00	23.10	8.67	0.00	6.01	85.56	32.10	22.26	2049.19	303.43	1360.57
1013+30.00	101330.00	30.00	28.76	8.67	0.00	1.53	31.96	9.63	1.70	2081.14	305.55	1380.78
PULVERIZE AND RELAY												
1013+30.00	101330.00	0.00	0.00	0.00	0.00	1.53	0.00	0.00	0.00	0.00	0.00	0.00
1014+00.00	101400.00	70.00	0.00	0.00	0.00	7.54	0.00	0.00	19.55	0.00	24.44	-24.44
1015+00.00	101500.00	100.00	0.00	0.00	0.00	10.23	0.00	0.00	37.89	0.00	71.80	-71.80
1016+00.00	101600.00	100.00	0.00	0.00	0.00	3.39	0.00	0.00	12.56	0.00	87.49	-87.49
1017+00.00	101700.00	100.00	0.00	0.00	0.00	9.48	0.00	0.00	35.11	0.00	131.38	-131.38
1018+00.00	101800.00	100.00	0.00	0.00	0.00	7.10	0.00	0.00	26.30	0.00	164.25	-164.25
1019+00.00	101900.00	100.00	0.00	0.00	0.00	6.48	0.00	0.00	24.00	0.00	194.25	-194.25
1020+00.00	102000.00	100.00	0.00	0.00	0.00	8.17	0.00	0.00	30.26	0.00	232.07	-232.07
1021+00.00	102100.00	100.00	0.00	0.00	0.00	8.18	0.00	0.00	30.30	0.00	269.94	-269.94
1022+00.00	102200.00	100.00	0.00	0.00	0.00	8.57	0.00	0.00	31.74	0.00	309.62	-309.62
1023+00.00	102300.00	100.00	0.00	0.00	0.00	8.35	0.00	0.00	30.93	0.00	348.28	-348.28
1024+00.00	102400.00	100.00	0.00	0.00	0.00	12.48	0.00	0.00	46.22	0.00	406.06	-406.06
1025+00.00	102500.00	100.00	0.00	0.00	0.00	13.29	0.00	0.00	49.22	0.00	467.58	-467.58
1026+00.00	102600.00	100.00	0.00	0.00	0.00	9.49	0.00	0.00	35.15	0.00	511.52	-511.52
1027+00.00	102700.00	100.00	0.00	0.00	0.00	6.96	0.00	0.00	25.78	0.00	543.74	-543.74
1028+00.00	102800.00	100.00	0.00	0.00	0.00	7.46	0.00	0.00	27.63	0.00	578.28	-578.28
1029+00.00	102900.00	100.00	0.00	0.00	0.00	5.41	0.00	0.00	20.04	0.00	603.32	-603.32
1030+00.00	103000.00	100.00	0.00	0.00	0.00	6.45	0.00	0.00	23.89	0.00	633.19	-633.19
1031+00.00	103100.00	100.00	0.00	0.00	0.00	4.41	0.00	0.00	16.33	0.00	653.60	-653.60
1032+00.00	103200.00	100.00	0.00	0.00	0.00	4.61	0.00	0.00	17.07	0.00	674.94	-674.94
1033+00.00	103300.00	100.00	0.00	0.00	0.00	5.25	0.00	0.00	19.44	0.00	699.25	-699.25
1034+00.00	103400.00	100.00	0.00	0.00	0.00	4.02	0.00	0.00	14.89	0.00	717.86	-717.86
1035+00.00	103500.00	100.00	0.00	0.00	0.00	2.29	0.00	0.00	8.48	0.00	728.46	-728.46
1036+00.00	103600.00	100.00	0.00	0.00	0.00	4.76	0.00	0.00	17.63	0.00	750.50	-750.50
1037+00.00	103700.00	100.00	0.00	0.00	0.00	3.46	0.00	0.00	12.81	0.00	766.52	-766.52
1038+00.00	103800.00	100.00	0.00	0.00	0.00	4.75	0.00	0.00	17.59	0.00	788.51	-788.51
1039+00.00	103900.00	100.00	0.00	0.00	0.00	5.03	0.00	0.00	18.63	0.00	811.80	-811.80
1040+00.00	104000.00	100.00	0.00	0.00	0.00	6.23	0.00	0.00	23.07	0.00	840.64	-840.64
1041+00.00	104100.00	100.00	0.00	0.00	0.00	5.82	0.00	0.00	21.56	0.00	867.58	-867.58
1042+00.00	104200.00	100.00	0.00	0.00	0.00	5.94	0.00	0.00	22.00	0.00	895.08	-895.08
1043+00.00	104300.00	100.00	0.00	0.00	0.00	3.45	0.00	0.00	12.78	0.00	911.06	-911.06
1044+00.00	104400.00	100.00	0.00	0.00	0.00	4.06	0.00	0.00	15.04	0.00	929.85	-929.85
1045+00.00	104500.00	100.00	0.00	0.00	0.00	5.74	0.00	0.00	21.26	0.00	956.43	-956.43
1046+00.00	104600.00	100.00	0.00	0.00	0.00	8.12	0.00	0.00	30.07	0.00	994.02	-994.02
1047+00.00	104700.00	100.00	0.00	0.00	0.00	11.35	0.00	0.00	42.04	0.00	1046.56	-1046.56

NOTES	
1 - BASE AGGREGATE DENSE - SUPERELEVATION CORRECTION	BASE AGGREGATE DENSE - SUPERELEVATION CORRECTION IS INCLUDED SHOWN TO REMOVE FROM FILL QUANTITY, AND PAID FOR UNDER 305.0120
2 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
4 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - MASS ORDINATE	[(CUT-SALVAGED PAVT)-((FILL-BASE AGGREGATE DENSE - SUPER CORRECTION)*FILL FACTOR)]

STATION	REAL STATION	DISTANCE	AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/ UNUSABLE PAVEMENT MATERIAL	BASE AGGREGATE DENSE - SUPERELEVATION CORRECTION NOTE 1	FILL	CUT NOTE 2	SALVAGED/ UNUSABLE PAVEMENT MATERIAL NOTE 3	FILL NOTE 4	CUT 1.00 NOTE 2	EXPANDED FILL 1.25	MASS ORDINATE NOTE 5
1048+00.00	104800.00	100.00	0.00	0.00	0.00	6.75	0.00	0.00	25.00	0.00	1077.81	-1077.81
1049+00.00	104900.00	100.00	0.00	0.00	0.00	4.04	0.00	0.00	14.96	0.00	1096.52	-1096.52
1050+00.00	105000.00	100.00	0.00	0.00	0.00	3.35	0.00	0.00	12.41	0.00	1112.03	-1112.03
1051+00.00	105100.00	100.00	0.00	0.00	0.00	4.54	0.00	0.00	16.81	0.00	1133.05	-1133.05
1052+00.00	105200.00	100.00	0.00	0.00	0.00	5.23	0.00	0.00	19.37	0.00	1157.26	-1157.26
1053+00.00	105300.00	100.00	0.00	0.00	0.00	6.03	0.00	0.00	22.33	0.00	1185.18	-1185.18
1054+00.00	105400.00	100.00	0.00	0.00	0.00	6.43	0.00	0.00	23.81	0.00	1214.94	-1214.94
1055+00.00	105500.00	100.00	0.00	0.00	0.00	10.40	0.00	0.00	38.52	0.00	1263.09	-1263.09
1056+00.00	105600.00	100.00	0.00	0.00	0.00	10.78	0.00	0.00	39.93	0.00	1313.00	-1313.00
1057+00.00	105700.00	100.00	0.00	0.00	0.00	8.14	0.00	0.00	30.15	0.00	1350.69	-1350.69
1058+00.00	105800.00	100.00	0.00	0.00	0.00	3.69	0.00	0.00	13.67	0.00	1367.77	-1367.77
1059+00.00	105900.00	100.00	0.00	0.00	0.00	0.93	0.00	0.00	3.44	0.00	1372.07	-1372.07
1060+00.00	106000.00	100.00	0.00	0.00	0.00	0.96	0.00	0.00	3.56	0.00	1376.52	-1376.52
1061+00.00	106100.00	100.00	0.00	0.00	0.00	3.61	0.00	0.00	13.37	0.00	1393.23	-1393.23
1062+00.00	106200.00	100.00	0.00	0.00	0.00	3.62	0.00	0.00	13.41	0.00	1409.99	-1409.99
1063+00.00	106300.00	100.00	0.00	0.00	0.00	5.14	0.00	0.00	19.04	0.00	1433.79	-1433.79
1064+00.00	106400.00	100.00	0.00	0.00	0.00	3.45	0.00	0.00	12.78	0.00	1449.76	-1449.76
1065+00.00	106500.00	100.00	0.00	0.00	0.00	8.70	0.00	0.00	32.22	0.00	1490.04	-1490.04
1066+00.00	106600.00	100.00	0.00	0.00	0.00	6.90	0.00	0.00	25.56	0.00	1521.98	-1521.98
1067+00.00	106700.00	100.00	0.00	0.00	0.00	3.23	0.00	0.00	11.96	0.00	1536.94	-1536.94
1068+00.00	106800.00	100.00	0.00	0.00	0.00	0.04	0.00	0.00	0.15	0.00	1537.12	-1537.12
1069+00.00	106900.00	100.00	0.00	0.00	0.00	0.06	0.00	0.00	0.22	0.00	1537.40	-1537.40
1070+00.00	107000.00	100.00	0.00	0.00	0.00	0.62	0.00	0.00	2.30	0.00	1540.27	-1540.27
1071+00.00	107100.00	100.00	0.00	0.00	0.00	2.06	0.00	0.00	7.63	0.00	1549.81	-1549.81
1072+00.00	107200.00	100.00	0.00	0.00	0.00	3.54	0.00	0.00	13.11	0.00	1566.19	-1566.19
1073+00.00	107300.00	100.00	0.00	0.00	0.00	7.16	0.00	0.00	26.52	0.00	1599.34	-1599.34
1074+00.00	107400.00	100.00	0.00	0.00	0.00	5.01	0.00	0.00	18.56	0.00	1622.54	-1622.54
1075+00.00	107500.00	100.00	0.00	0.00	0.00	5.62	0.00	0.00	20.81	0.00	1648.56	-1648.56
1076+00.00	107600.00	100.00	0.00	0.00	0.00	0.99	0.00	0.00	3.67	0.00	1653.14	-1653.14
1077+00.00	107700.00	100.00	0.00	0.00	0.00	0.65	0.00	0.00	2.41	0.00	1656.15	-1656.15
1078+00.00	107800.00	100.00	0.00	0.00	0.00	0.08	0.00	0.00	0.30	0.00	1656.52	-1656.52
1079+00.00	107900.00	100.00	0.00	0.00	0.00	0.37	0.00	0.00	1.37	0.00	1658.23	-1658.23
1080+00.00	108000.00	100.00	0.00	0.00	0.00	0.23	0.00	0.00	0.85	0.00	1659.30	-1659.30
1081+00.00	108100.00	100.00	0.00	0.00	0.00	0.52	0.00	0.00	1.93	0.00	1661.70	-1661.70
1082+00.00	108200.00	100.00	0.00	0.00	0.00	0.98	0.00	0.00	3.63	0.00	1666.24	-1666.24
1083+00.00	108300.00	100.00	0.00	0.00	0.00	0.39	0.00	0.00	1.44	0.00	1668.05	-1668.05
1084+00.00	108400.00	100.00	0.00	0.00	0.00	2.24	0.00	0.00	8.30	0.00	1678.42	-1678.42
1085+00.00	108500.00	100.00	0.00	0.00	0.00	13.27	0.00	0.00	49.15	0.00	1739.85	-1739.85
1086+00.00	108600.00	100.00	0.00	0.00	0.00	5.84	0.00	0.00	21.63	0.00	1766.89	-1766.89
1087+00.00	108700.00	100.00	0.00	0.00	0.00	7.37	0.00	0.00	27.30	0.00	1801.01	-1801.01
1088+00.00	108800.00	100.00	0.00	0.00	0.00	4.37	0.00	0.00	16.19	0.00	1821.24	-1821.24
1089+00.00	108900.00	100.00	0.00	0.00	0.00	1.93	0.00	0.00	7.15	0.00	1830.18	-1830.18
1090+00.00	109000.00	100.00	0.00	0.00	0.00	1.56	0.00	0.00	5.78	0.00	1837.40	-1837.40
1091+00.00	109100.00	100.00	0.00	0.00	0.00	4.22	0.00	0.00	15.63	0.00	1856.94	-1856.94
1092+00.00	109200.00	100.00	0.00	0.00	0.00	24.01	0.00	0.00	88.93	0.00	1968.09	-1968.09
1093+00.00	109300.00	100.00	0.00	0.00	0.00	55.46	0.00	0.00	205.41	0.00	2224.85	-2224.85
1094+00.00	109400.00	100.00	0.00	0.00	0.00	8.79	0.00	0.00	32.56	0.00	2265.55	-2265.55
1095+00.00	109500.00	100.00	0.00	0.00	0.00	6.60	0.00	0.00	24.44	0.00	2296.10	-2296.10
1096+00.00	109600.00	100.00	0.00	0.00	0.00	4.55	0.00	0.00	16.85	0.00	2317.17	-2317.17
1097+00.00	109700.00	100.00	0.00	0.00	0.00	5.03	0.00	0.00	18.63	0.00	2340.45	-2340.45

NOTES	
1 - BASE AGGREGATE DENSE - SUPERELEVATION CORRECTION	BASE AGGREGATE DENSE - SUPERELEVATION CORRECTION IS INCLUDED SHOWN TO REMOVE FROM FILL QUANTITY, AND PAID FOR UNDER 305.0120
2 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
4 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - MASS ORDINATE	[(CUT-SALVAGED PAVT)-((FILL-BASE AGGREGATE DENSE - SUPER CORRECTION)*FILL FACTOR)]

			AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
STATION	REAL STATION	DISTANCE	CUT	SALVAGED/ UNUSABLE PAVEMENT MATERIAL	BASE AGGREGATE DENSE - SUPERELEVATION CORRECTION NOTE 1	FILL	CUT NOTE 2	SALVAGED/ UNUSABLE PAVEMENT MATERIAL NOTE 3	FILL NOTE 4	CUT 1.00 NOTE 2	EXPANDED FILL 1.25	MASS ORDINATE NOTE 5
1098+00.00	109800.00	100.00	0.00	0.00	0.00	6.77	0.00	0.00	25.07	0.00	2371.80	-2371.80
1099+00.00	109900.00	100.00	0.00	0.00	0.00	5.14	0.00	0.00	19.04	0.00	2395.59	-2395.59
1100+00.00	110000.00	100.00	0.00	0.00	0.00	5.74	0.00	0.00	21.26	0.00	2422.17	-2422.17
1101+00.00	110100.00	100.00	0.00	0.00	0.00	0.63	0.00	0.00	2.33	0.00	2425.08	-2425.08
1102+00.00	110200.00	100.00	0.00	0.00	0.00	2.95	0.00	0.00	10.93	0.00	2438.74	-2438.74
1103+00.00	110300.00	100.00	0.00	0.00	0.00	3.45	0.00	0.00	12.78	0.00	2454.71	-2454.71
1104+00.00	110400.00	100.00	0.00	0.00	0.00	3.92	0.00	0.00	14.52	0.00	2472.86	-2472.86
1105+00.00	110500.00	100.00	0.00	0.00	0.00	5.39	0.00	0.00	19.96	0.00	2497.81	-2497.81
1106+00.00	110600.00	100.00	0.00	0.00	0.00	0.52	0.00	0.00	1.93	0.00	2500.22	-2500.22
1107+00.00	110700.00	100.00	0.00	0.00	0.00	109.66	0.00	0.00	406.15	0.00	3007.91	-3007.91
1108+00.00	110800.00	100.00	0.00	0.00	0.00	169.25	0.00	0.00	626.85	0.00	3791.47	-3791.47
1109+00.00	110900.00	100.00	0.00	0.00	0.00	111.06	0.00	0.00	411.33	0.00	4305.64	-4305.64
1110+00.00	111000.00	100.00	0.00	0.00	0.00	34.09	0.00	0.00	126.26	0.00	4463.46	-4463.46
1110+64.00	111064.00	64.00	0.00	0.00	0.00	9.23	0.00	0.00	21.88	0.00	4490.81	-4490.81
SUPERELEVATION CORRECTION AREA												
1110+64.00	111064.00	0.00	11.60	8.67	0.00	9.23	0.00	0.00	0.00	0.00	0.00	0.00
1111+00.00	111100.00	36.00	22.45	8.67	3.50	4.30	29.93	11.56	1.07	29.93	1.33	17.04
1112+00.00	111200.00	100.00	17.39	8.67	3.50	3.59	64.41	32.10	0.33	94.34	1.75	48.94
1113+00.00	111300.00	100.00	13.50	8.67	2.00	2.16	50.00	32.10	0.59	144.34	2.49	66.10
1114+00.00	111400.00	100.00	13.10	8.67	6.00	6.12	48.52	32.10	0.44	192.86	3.05	81.96
1115+00.00	111500.00	100.00	21.67	8.67	5.00	5.53	80.26	32.10	1.96	273.12	5.50	127.67
1116+00.00	111600.00	100.00	23.12	8.67	3.00	3.94	85.63	32.10	3.48	358.75	9.85	176.85
1117+00.00	111700.00	100.00	16.22	8.67	1.50	1.62	60.07	32.10	0.44	418.82	10.41	204.27
1118+00.00	111800.00	100.00	34.75	8.67	4.00	4.17	128.70	32.10	0.63	547.53	11.19	300.08
1119+00.00	111900.00	100.00	31.76	8.67	8.00	48.64	117.63	32.10	150.52	665.16	199.34	197.47
1120+00.00	112000.00	100.00	23.75	8.67	17.00	88.87	87.96	32.10	266.19	753.12	532.07	-79.40
1121+00.00	112100.00	100.00	21.91	8.67	17.00	25.27	81.15	32.10	30.63	834.27	570.36	-68.64
1122+00.00	112200.00	100.00	19.05	8.67	8.00	8.36	70.56	32.10	1.33	904.82	572.03	-31.85
1123+00.00	112300.00	100.00	23.61	8.67	3.50	9.35	87.44	32.10	21.67	992.27	599.11	-3.59
1123+86.00	112386.00	86.00	11.20	8.67	0.00	6.48	35.67	27.60	20.64	1027.94	624.91	-21.32
PULVERIZE AND RELAY												
1123+86.00	112386.00	0.00	0.00	0.00	0.00	6.48	0.00	0.00	0.00	0.00	0.00	0.00
1124+00.00	112400.00	14.00	0.00	0.00	0.00	2.90	0.00	0.00	1.50	0.00	1.88	-1.88
1125+00.00	112500.00	100.00	0.00	0.00	0.00	2.42	0.00	0.00	8.96	0.00	13.08	-13.08
1126+00.00	112600.00	100.00	0.00	0.00	0.00	3.65	0.00	0.00	13.52	0.00	29.98	-29.98
1127+00.00	112700.00	100.00	0.00	0.00	0.00	3.19	0.00	0.00	11.81	0.00	44.75	-44.75
1128+00.00	112800.00	100.00	0.00	0.00	0.00	2.96	0.00	0.00	10.96	0.00	58.45	-58.45
1129+00.00	112900.00	100.00	0.00	0.00	0.00	1.96	0.00	0.00	7.26	0.00	67.53	-67.53
1130+00.00	113000.00	100.00	0.00	0.00	0.00	1.32	0.00	0.00	4.89	0.00	73.64	-73.64
1131+00.00	113100.00	100.00	0.00	0.00	0.00	1.55	0.00	0.00	5.74	0.00	80.81	-80.81
1132+00.00	113200.00	100.00	0.00	0.00	0.00	2.06	0.00	0.00	7.63	0.00	90.35	-90.35
1133+00.00	113300.00	100.00	0.00	0.00	0.00	42.86	0.00	0.00	158.74	0.00	288.78	-288.78
1133+35.00	113335.00	35.00	0.00	0.00	0.00	105.18	0.00	0.00	136.34	0.00	459.21	-459.21
SUPERELEVATION CORRECTION AREA												
1133+35.00	113335.00	0.00	9.62	8.67	0.00	105.18	0.00	0.00	0.00	0.00	0.00	0.00
1134+00.00	113400.00	65.00	17.01	8.67	3.50	154.04	40.95	20.86	362.41	40.95	453.01	-432.93
1135+00.00	113500.00	100.00	17.28	8.67	7.00	139.11	64.00	32.10	489.30	104.95	1064.63	-1012.65
1136+00.00	113600.00	100.00	19.62	8.67	8.00	55.53	72.67	32.10	176.04	177.62	1284.68	-1192.13
1137+00.00	113700.00	100.00	26.23	8.67	10.00	96.39	97.15	32.10	319.96	274.76	1684.63	-1527.03

NOTES	
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2 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
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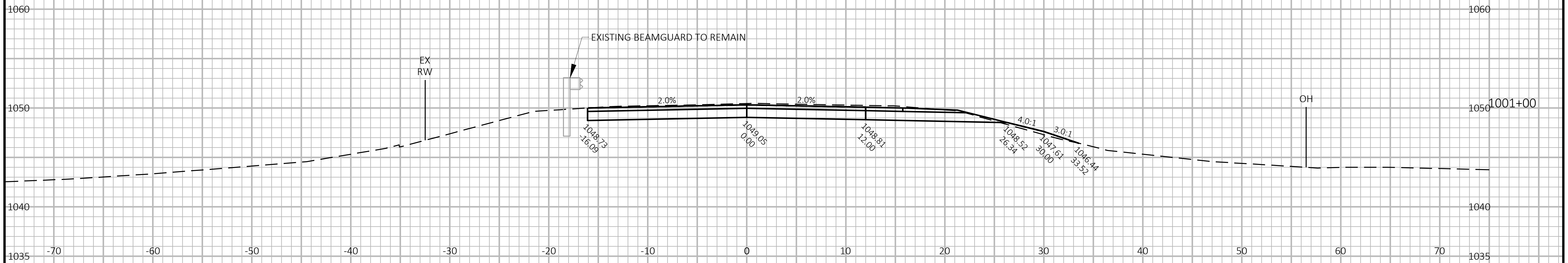
4 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - MASS ORDINATE	[(CUT-SALVAGED PAVT)-((FILL-BASE AGGREGATE DENSE - SUPER CORRECTION)*FILL FACTOR)]

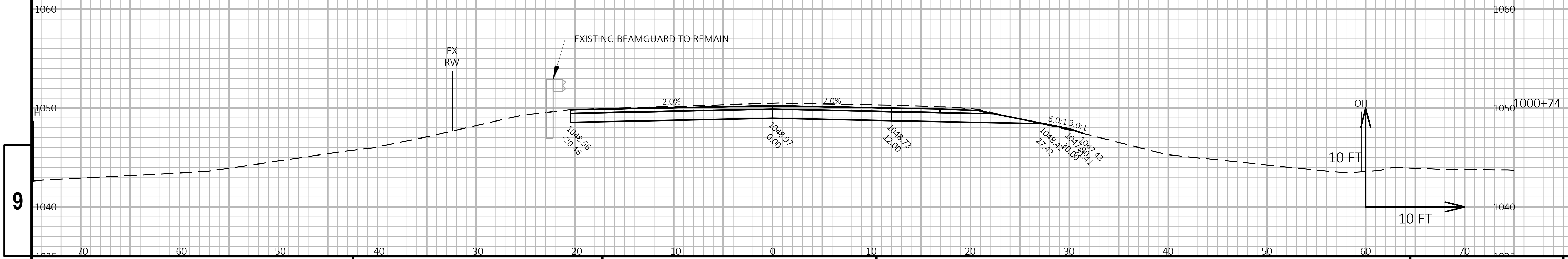
STATION	REAL STATION	DISTANCE	AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/ UNUSABLE PAVEMENT MATERIAL	BASE AGGREGATE DENSE - SUPERELEVATION CORRECTION NOTE 1	FILL	CUT NOTE 2	SALVAGED/ UNUSABLE PAVEMENT MATERIAL NOTE 3	FILL NOTE 4	CUT 1.00 NOTE 2	EXPANDED FILL 1.25	MASS ORDINATE NOTE 5
1138+00.00	113800.00	100.00	24.80	8.67	10.00	11.76	91.85	32.10	6.52	366.62	1692.78	-1475.43
1139+00.00	113900.00	100.00	37.09	8.67	7.00	8.28	137.37	32.10	4.74	503.99	1698.71	-1376.08
1140+00.00	114000.00	100.00	40.93	8.67	4.00	6.58	151.59	32.10	9.56	655.58	1710.65	-1268.53
1141+00.00	114100.00	100.00	22.70	8.67	7.00	7.64	84.07	32.10	2.37	739.65	1713.62	-1219.52
1142+00.00	114200.00	100.00	12.87	8.67	4.00	5.52	47.67	32.10	5.63	787.32	1720.65	-1210.99
1143+00.00	114300.00	100.00	20.11	8.67	7.00	8.38	74.48	32.10	5.11	861.80	1727.04	-1174.99
1144+00.00	114400.00	100.00	17.45	8.67	7.00	13.18	64.63	32.10	22.89	926.43	1755.65	-1171.07
1145+00.00	114500.00	100.00	17.28	8.67	4.00	4.70	64.00	32.10	2.59	990.43	1758.89	-1142.41
1146+00.00	114600.00	100.00	20.16	8.67	3.50	4.27	74.67	32.10	2.85	1065.10	1762.46	-1103.41
1146+44.00	114644.00	44.00	10.63	8.67	0.00	1.64	17.32	14.12	2.67	1082.42	1765.80	-1103.55
PULVERIZE AND RELAY												
1146+44.00	114644.00	0.00	0.00	0.00	0.00	1.64	0.00	0.00	0.00	0.00	0.00	0.00
1147+00.00	114700.00	56.00	0.00	0.00	0.00	1.91	0.00	0.00	3.96	0.00	4.95	-4.95
1148+00.00	114800.00	100.00	0.00	0.00	0.00	2.17	0.00	0.00	8.04	0.00	15.00	-15.00
1149+00.00	114900.00	100.00	0.00	0.00	0.00	1.25	0.00	0.00	4.63	0.00	20.79	-20.79
1150+00.00	115000.00	100.00	0.00	0.00	0.00	3.58	0.00	0.00	13.26	0.00	37.36	-37.36
1151+00.00	115100.00	100.00	0.00	0.00	0.00	3.10	0.00	0.00	11.48	0.00	51.71	-51.71
1152+00.00	115200.00	100.00	0.00	0.00	0.00	3.19	0.00	0.00	11.81	0.00	66.48	-66.48
1153+00.00	115300.00	100.00	0.00	0.00	0.00	2.29	0.00	0.00	8.48	0.00	77.08	-77.08
1154+00.00	115400.00	100.00	0.00	0.00	0.00	1.99	0.00	0.00	7.37	0.00	86.29	-86.29
1155+00.00	115500.00	100.00	0.00	0.00	0.00	1.96	0.00	0.00	7.26	0.00	95.37	-95.37
1156+00.00	115600.00	100.00	0.00	0.00	0.00	13.36	0.00	0.00	49.48	0.00	157.22	-157.22
1157+00.00	115700.00	100.00	0.00	0.00	0.00	12.35	0.00	0.00	45.74	0.00	214.40	-214.40
1158+00.00	115800.00	100.00	0.00	0.00	0.00	118.89	0.00	0.00	440.33	0.00	764.81	-764.81
1159+00.00	115900.00	100.00	0.00	0.00	0.00	212.77	0.00	0.00	788.04	0.00	1749.86	-1749.86
1160+00.00	116000.00	100.00	0.00	0.00	0.00	217.15	0.00	0.00	804.26	0.00	2755.18	-2755.18
1161+00.00	116100.00	100.00	0.00	0.00	0.00	175.12	0.00	0.00	648.59	0.00	3565.92	-3565.92
1162+00.00	116200.00	100.00	0.00	0.00	0.00	95.00	0.00	0.00	351.85	0.00	4005.74	-4005.74
1163+00.00	116300.00	100.00	0.00	0.00	0.00	6.62	0.00	0.00	24.52	0.00	4036.39	-4036.39
1164+00.00	116400.00	100.00	0.00	0.00	0.00	1.57	0.00	0.00	5.81	0.00	4043.66	-4043.66
1165+00.00	116500.00	100.00	0.00	0.00	0.00	4.05	0.00	0.00	15.00	0.00	4062.41	-4062.41
1166+00.00	116600.00	100.00	0.00	0.00	0.00	1.60	0.00	0.00	5.93	0.00	4069.81	-4069.81
1167+00.00	116700.00	100.00	0.00	0.00	0.00	2.63	0.00	0.00	9.74	0.00	4081.99	-4081.99
1168+00.00	116800.00	100.00	0.00	0.00	0.00	4.12	0.00	0.00	15.26	0.00	4101.06	-4101.06
1169+00.00	116900.00	100.00	0.00	0.00	0.00	6.34	0.00	0.00	23.48	0.00	4130.41	-4130.41
1170+00.00	117000.00	100.00	0.00	0.00	0.00	11.22	0.00	0.00	41.56	0.00	4182.36	-4182.36
1171+00.00	117100.00	100.00	0.00	0.00	0.00	1.17	0.00	0.00	4.33	0.00	4187.78	-4187.78
1172+00.00	117200.00	100.00	0.00	0.00	0.00	2.72	0.00	0.00	10.07	0.00	4200.37	-4200.37
1173+00.00	117300.00	100.00	0.00	0.00	0.00	3.79	0.00	0.00	14.04	0.00	4217.91	-4217.91
1174+00.00	117400.00	100.00	0.00	0.00	0.00	1.72	0.00	0.00	6.37	0.00	4225.88	-4225.88
1175+00.00	117500.00	100.00	0.00	0.00	0.00	2.71	0.00	0.00	10.04	0.00	4238.42	-4238.42
1176+00.00	117600.00	100.00	0.00	0.00	0.00	4.47	0.00	0.00	16.56	0.00	4259.12	-4259.12
1177+00.00	117700.00	100.00	0.00	0.00	0.00	5.49	0.00	0.00	20.33	0.00	4284.54	-4284.54
1178+00.00	117800.00	100.00	0.00	0.00	0.00	2.10	0.00	0.00	7.78	0.00	4294.26	-4294.26
1179+00.00	117900.00	100.00	0.00	0.00	0.00	2.16	0.00	0.00	8.00	0.00	4304.26	-4304.26
1180+00.00	118000.00	100.00	0.00	0.00	0.00	5.04	0.00	0.00	18.67	0.00	4327.59	-4327.59
1181+00.00	118100.00	100.00	0.00	0.00	0.00	9.23	0.00	0.00	34.19	0.00	4370.32	-4370.32
1182+00.00	118200.00	100.00	0.00	0.00	0.00	1.77	0.00	0.00	6.56	0.00	4378.52	-4378.52
1183+00.00	118300.00	100.00	0.00	0.00	0.00	2.94	0.00	0.00	10.89	0.00	4392.13	-4392.13
1184+00.00	118400.00	100.00	0.00	0.00	0.00	8.48	0.00	0.00	31.41	0.00	4431.39	-4431.39
1185+00.00	118500.00	100.00	0.00	0.00	0.00	85.77	0.00	0.00	317.67	0.00	4828.47	-4828.47

NOTES	
1 - BASE AGGREGATE DENSE - SUPERELEVATION CORRECTION	BASE AGGREGATE DENSE - SUPERELEVATION CORRECTION IS INCLUDED SHOWN TO REMOVE FROM FILL QUANTITY, AND PAID FOR UNDER 305.0120
2 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
4 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - MASS ORDINATE	[(CUT-SALVAGED PAVT)-((FILL-BASE AGGREGATE DENSE - SUPER CORRECTION)*FILL FACTOR)]

			AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
STATION	REAL STATION	DISTANCE	CUT	SALVAGED/ UNUSABLE PAVEMENT MATERIAL	BASE AGGREGATE DENSE - SUPERELEVATION CORRECTION NOTE 1	FILL	CUT NOTE 2	SALVAGED/ UNUSABLE PAVEMENT MATERIAL NOTE 3	FILL NOTE 4	CUT 1.00 NOTE 2	EXPANDED FILL 1.25	MASS ORDINATE NOTE 5
1186+00.00	118600.00	100.00	0.00	0.00	0.00	30.55	0.00	0.00	113.15	0.00	4969.91	-4969.91
1187+00.00	118700.00	100.00	0.00	0.00	0.00	0.34	0.00	0.00	1.26	0.00	4971.48	-4971.48
1188+00.00	118800.00	100.00	0.00	0.00	0.00	2.39	0.00	0.00	8.85	0.00	4982.54	-4982.54
1189+00.00	118900.00	100.00	0.00	0.00	0.00	2.65	0.00	0.00	9.81	0.00	4994.81	-4994.81
1190+00.00	119000.00	100.00	0.00	0.00	0.00	31.60	0.00	0.00	117.04	0.00	5141.11	-5141.11
1191+00.00	119100.00	100.00	0.00	0.00	0.00	1.26	0.00	0.00	4.67	0.00	5146.94	-5146.94
1192+00.00	119200.00	100.00	0.00	0.00	0.00	1.94	0.00	0.00	7.19	0.00	5155.92	-5155.92
1193+00.00	119300.00	100.00	0.00	0.00	0.00	147.59	0.00	0.00	546.63	0.00	5839.21	-5839.21
1194+00.00	119400.00	100.00	0.00	0.00	0.00	4.34	0.00	0.00	16.07	0.00	5859.30	-5859.30
1195+00.00	119500.00	100.00	0.00	0.00	0.00	115.55	0.00	0.00	427.96	0.00	6394.26	-6394.26
1196+00.00	119600.00	100.00	0.00	0.00	0.00	130.88	0.00	0.00	484.74	0.00	7000.18	-7000.18
1197+00.00	119700.00	100.00	0.00	0.00	0.00	72.12	0.00	0.00	267.11	0.00	7334.07	-7334.07
1198+00.00	119800.00	100.00	0.00	0.00	0.00	60.02	0.00	0.00	222.30	0.00	7611.94	-7611.94
1199+00.00	119900.00	100.00	0.00	0.00	0.00	50.19	0.00	0.00	185.89	0.00	7844.30	-7844.30
1200+00.00	120000.00	100.00	0.00	0.00	0.00	10.44	0.00	0.00	38.67	0.00	7892.64	-7892.64
1201+00.00	120100.00	100.00	0.00	0.00	0.00	8.02	0.00	0.00	29.70	0.00	7929.77	-7929.77
1202+00.00	120200.00	100.00	0.00	0.00	0.00	10.92	0.00	0.00	40.44	0.00	7980.32	-7980.32
1203+00.00	120300.00	100.00	0.00	0.00	0.00	3.04	0.00	0.00	11.26	0.00	7994.40	-7994.40
1204+00.00	120400.00	100.00	0.00	0.00	0.00	0.18	0.00	0.00	0.67	0.00	7995.23	-7995.23
1205+00.00	120500.00	100.00	0.00	0.00	0.00	0.19	0.00	0.00	0.70	0.00	7996.11	-7996.11
1206+00.00	120600.00	100.00	0.00	0.00	0.00	0.11	0.00	0.00	0.41	0.00	7996.62	-7996.62
1206+13.00	120613.00	13.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	7996.62	-7996.62

NOTES	
1 - BASE AGGREGATE DENSE - SUPERELEVATION CORRECTION	BASE AGGREGATE DENSE - SUPERELEVATION CORRECTION IS INCLUDED SHOWN TO REMOVE FROM FILL QUANTITY, AND PAID FOR UNDER 305.0120
2 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
4 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - MASS ORDINATE	[(CUT-SALVAGED PAVT)-((FILL-BASE AGGREGATE DENSE - SUPER CORRECTION)*FILL FACTOR)]





9

9

PROJECT NO: 8822-00-71

HWY: CTH P

COUNTY: BARRON

CROSS SECTIONS: CTH P

SHEET 81

E

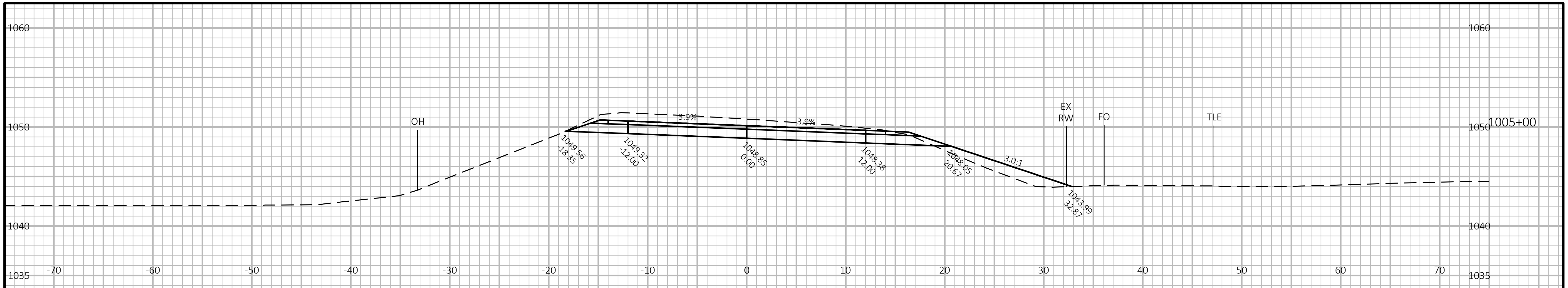
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 01

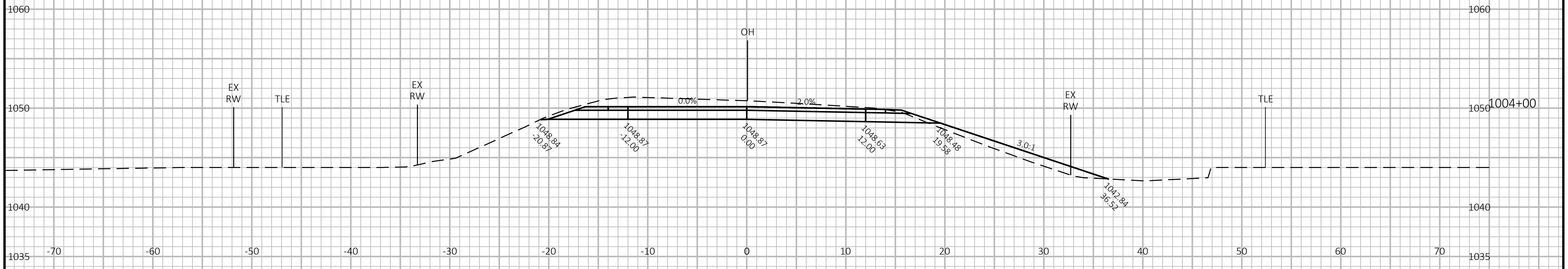
PLOT DATE : 8/11/2022 7:26 PM

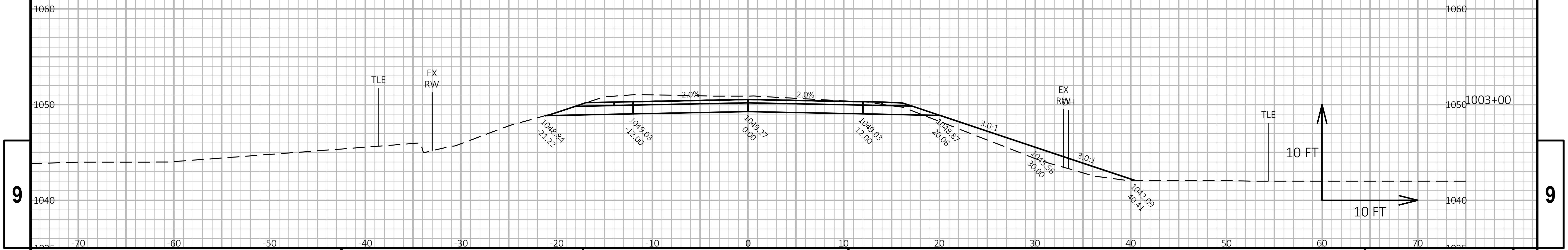
PLOT BY : DUSTIN SCHUH

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.







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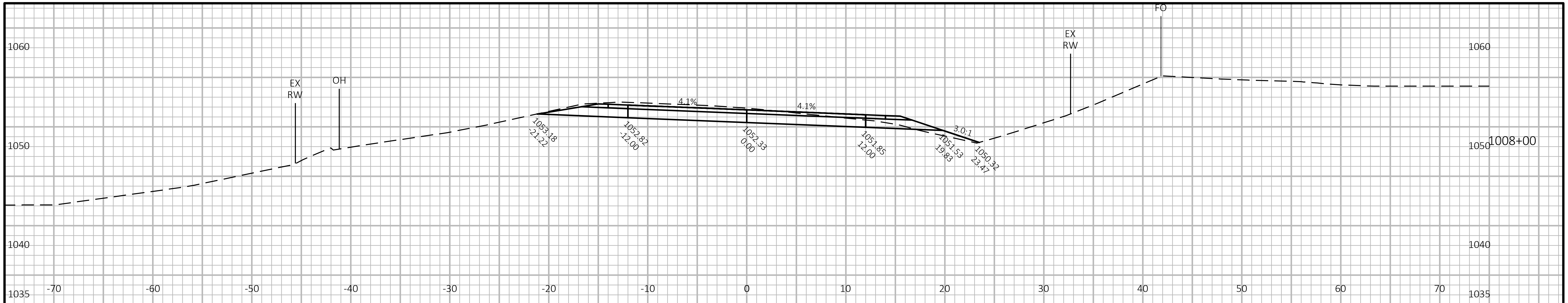
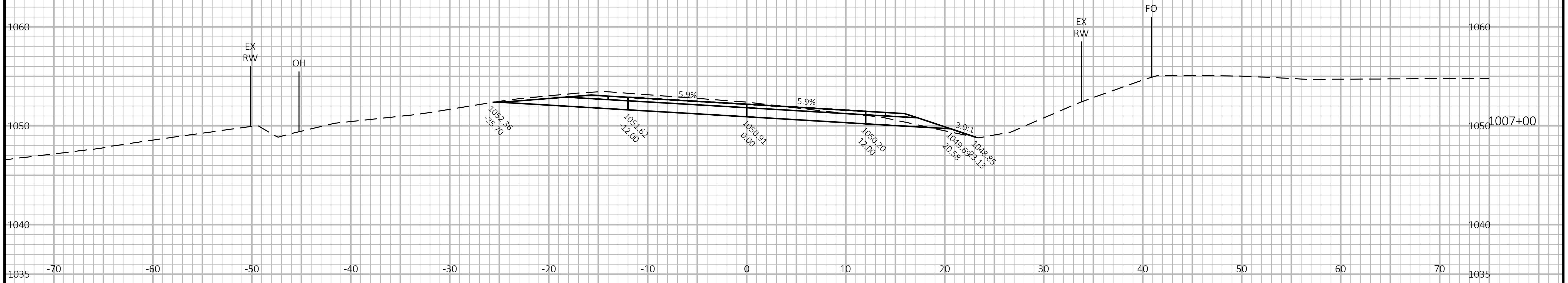
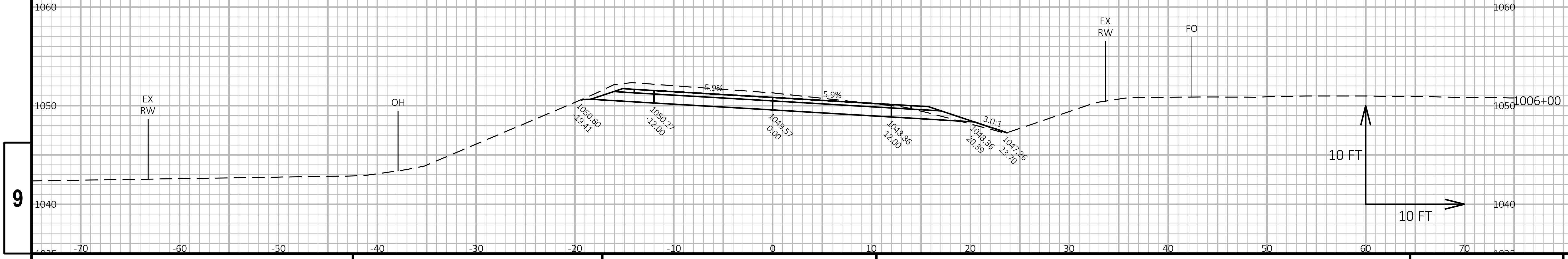
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 82	E

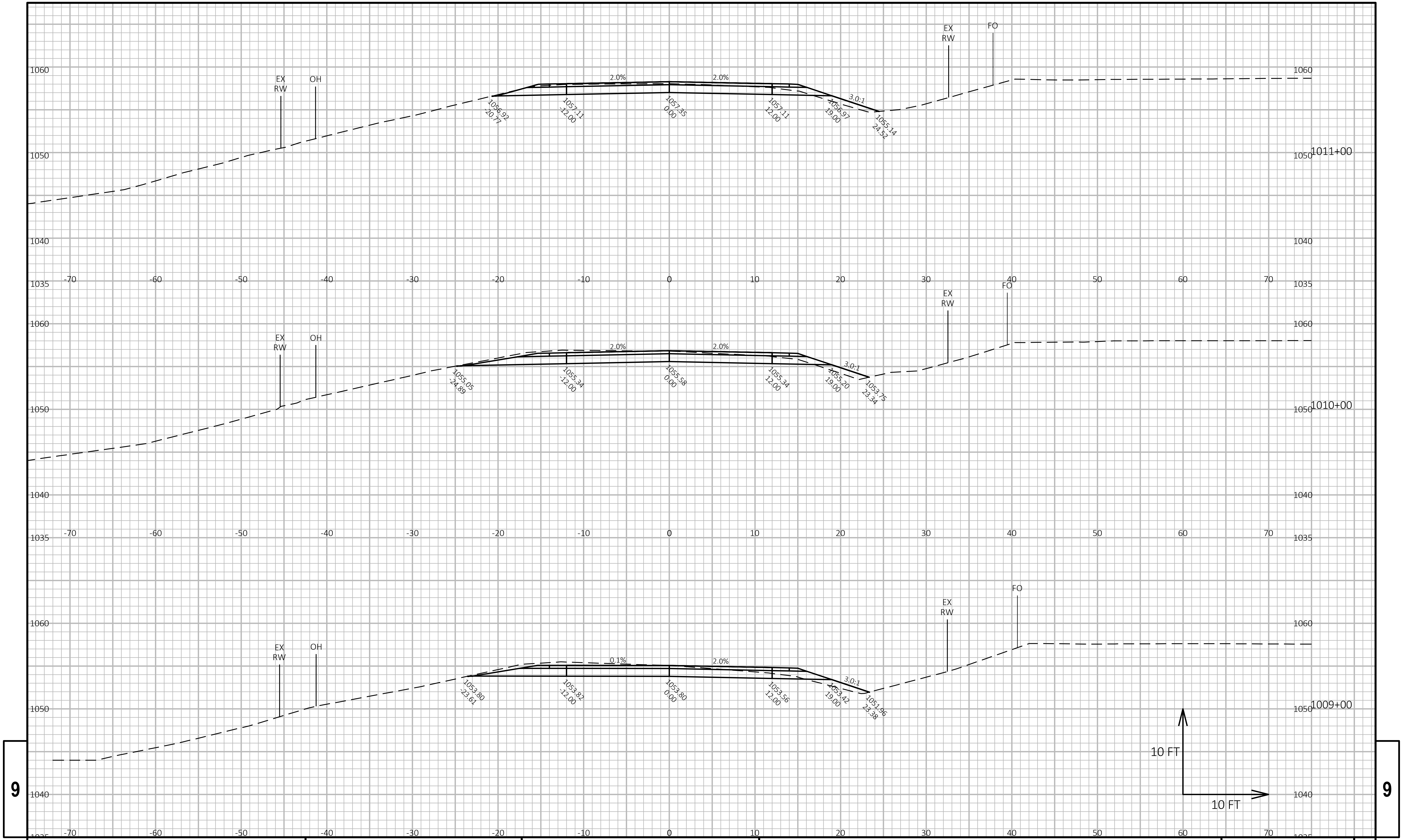






PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG PLOT DATE : 8/11/2022 7:26 PM PLOT BY : DUSTIN SCHUH PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
LAYOUT NAME - 03



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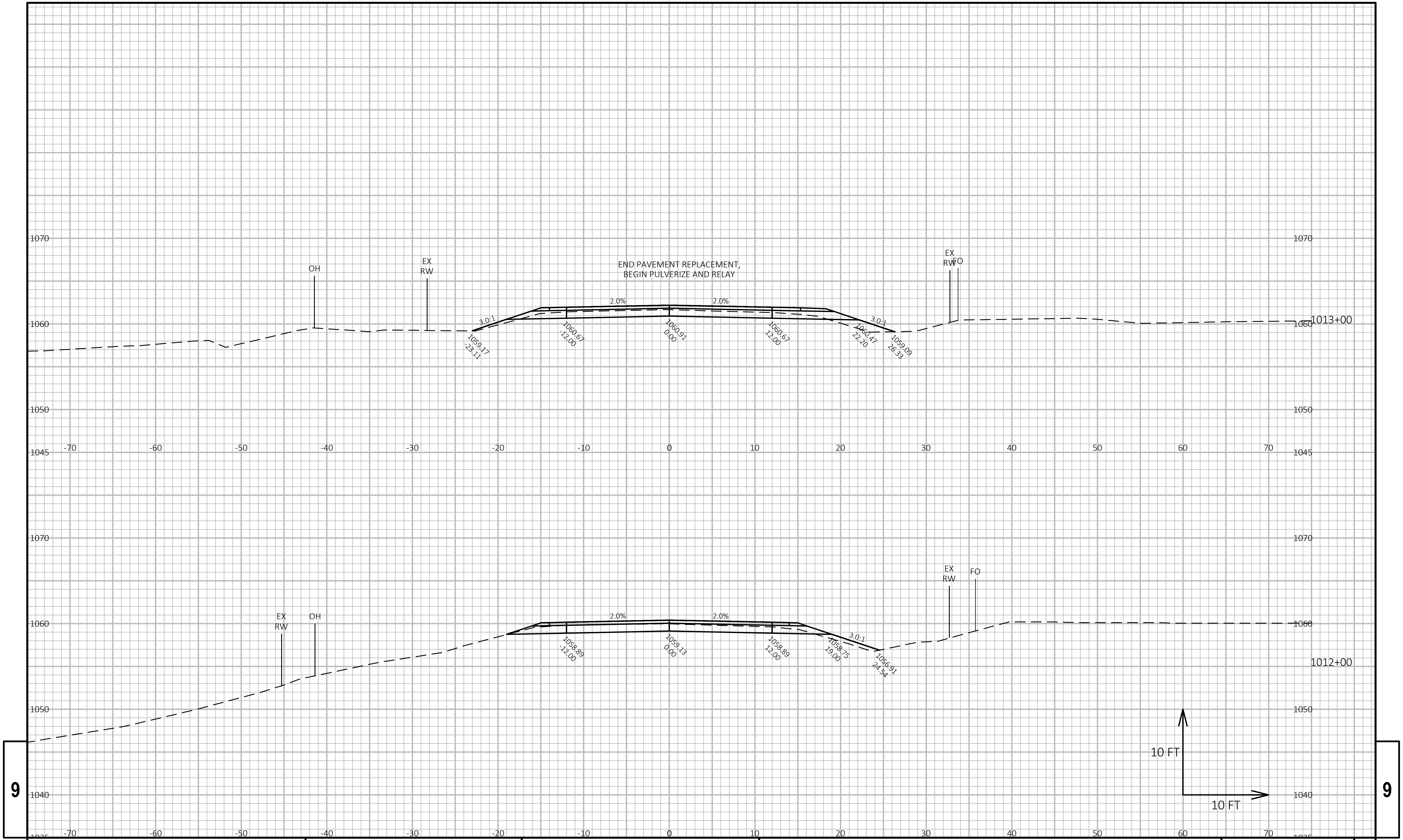
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 84	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 04
PLOT DATE : 8/11/2022 7:26 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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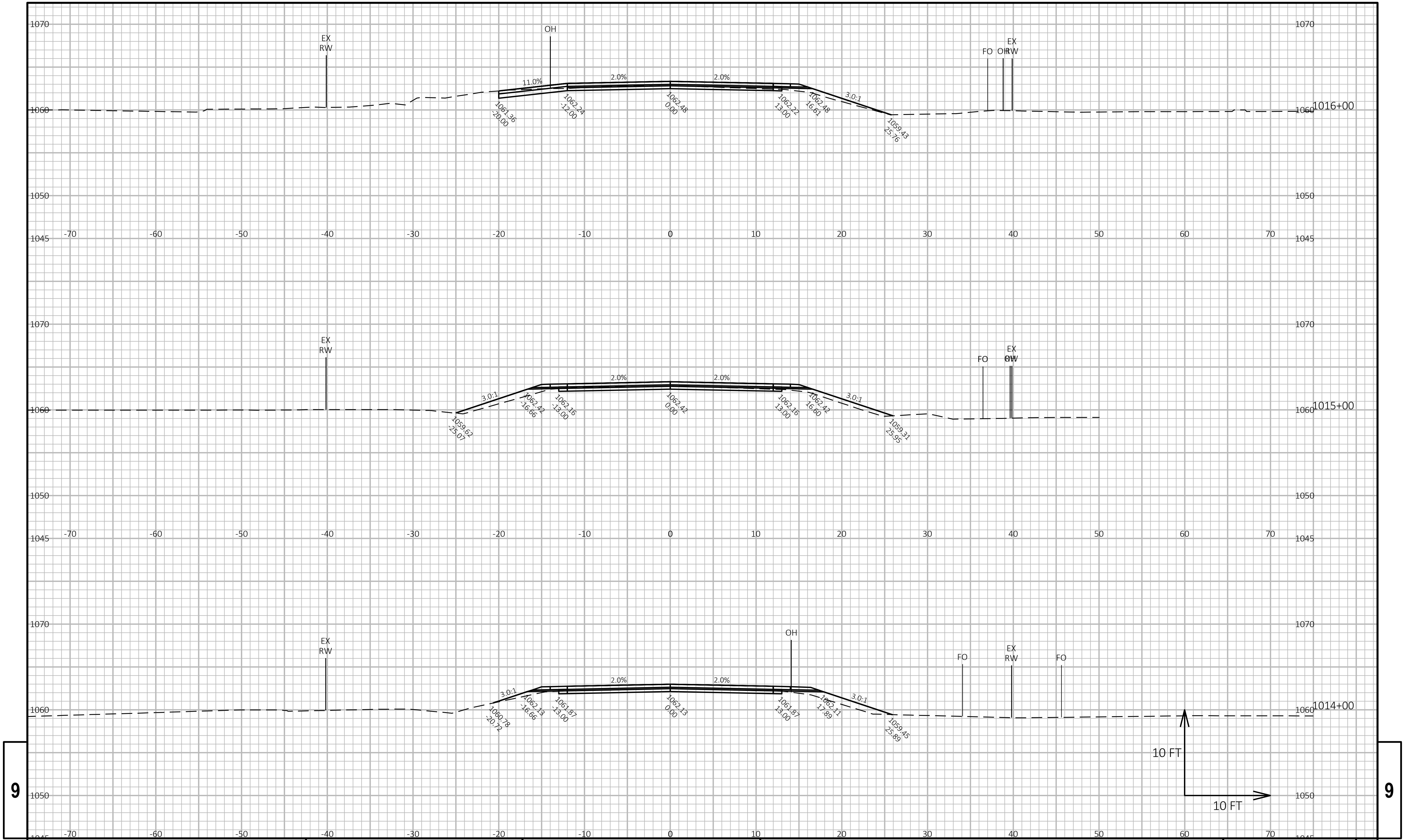
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 05

PLOT DATE : 8/11/2022 7:27 PM PLOT BY : DUSTIN SCHUH PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 86	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 06

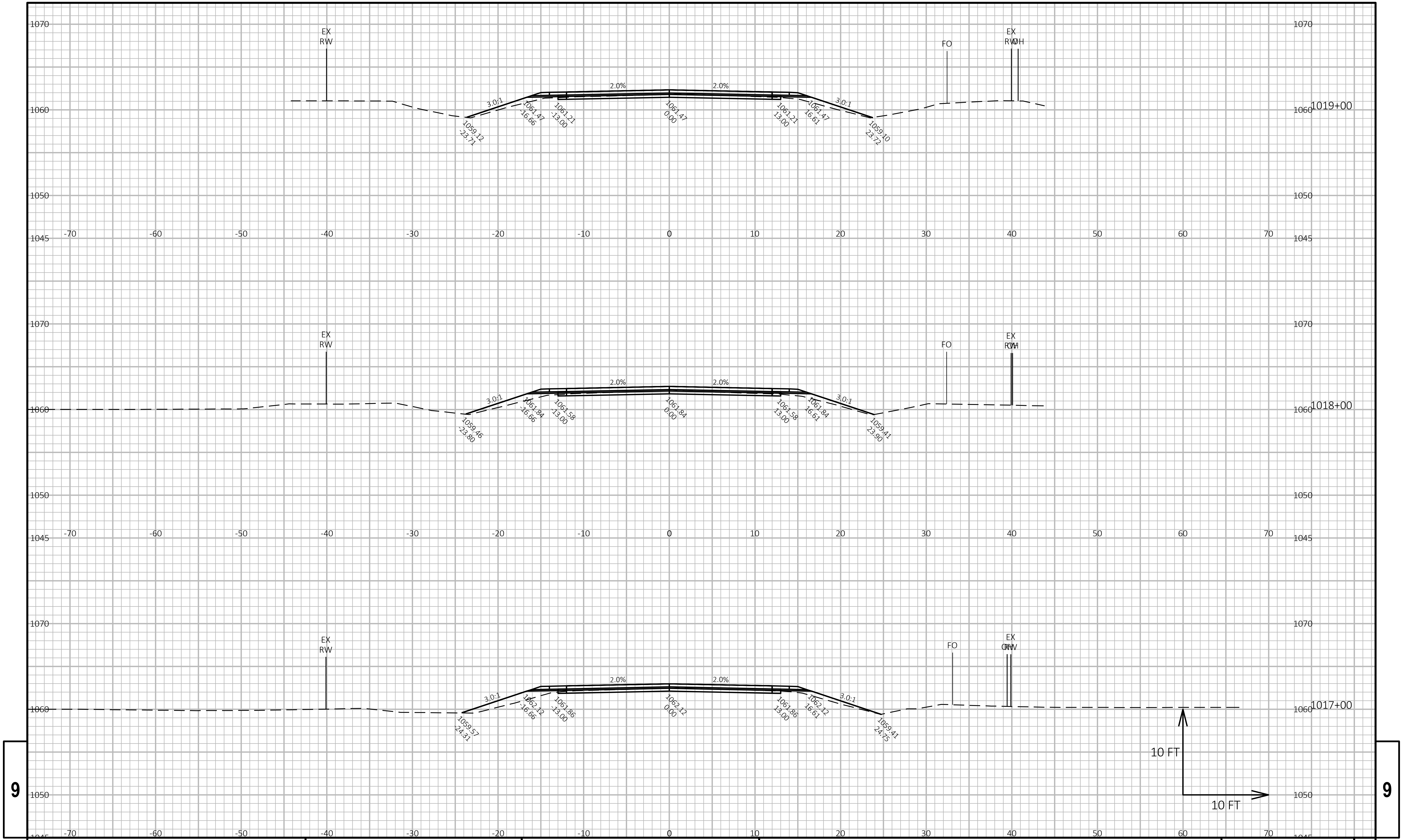
PLOT DATE : 8/11/2022 7:27 PM

PLOT BY : DUSTIN SCHUH

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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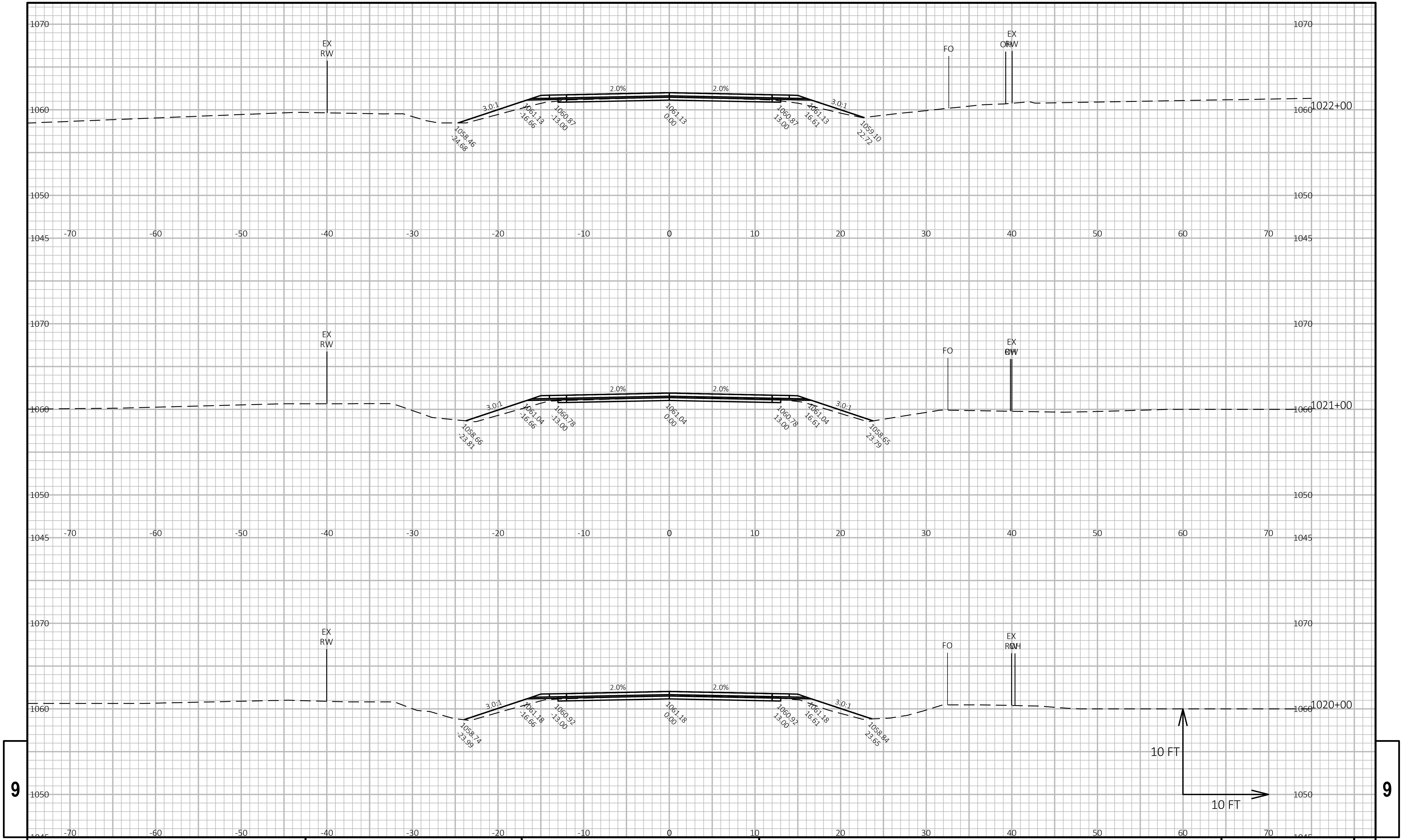
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 87	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 07
PLOT DATE : 8/11/2022 7:27 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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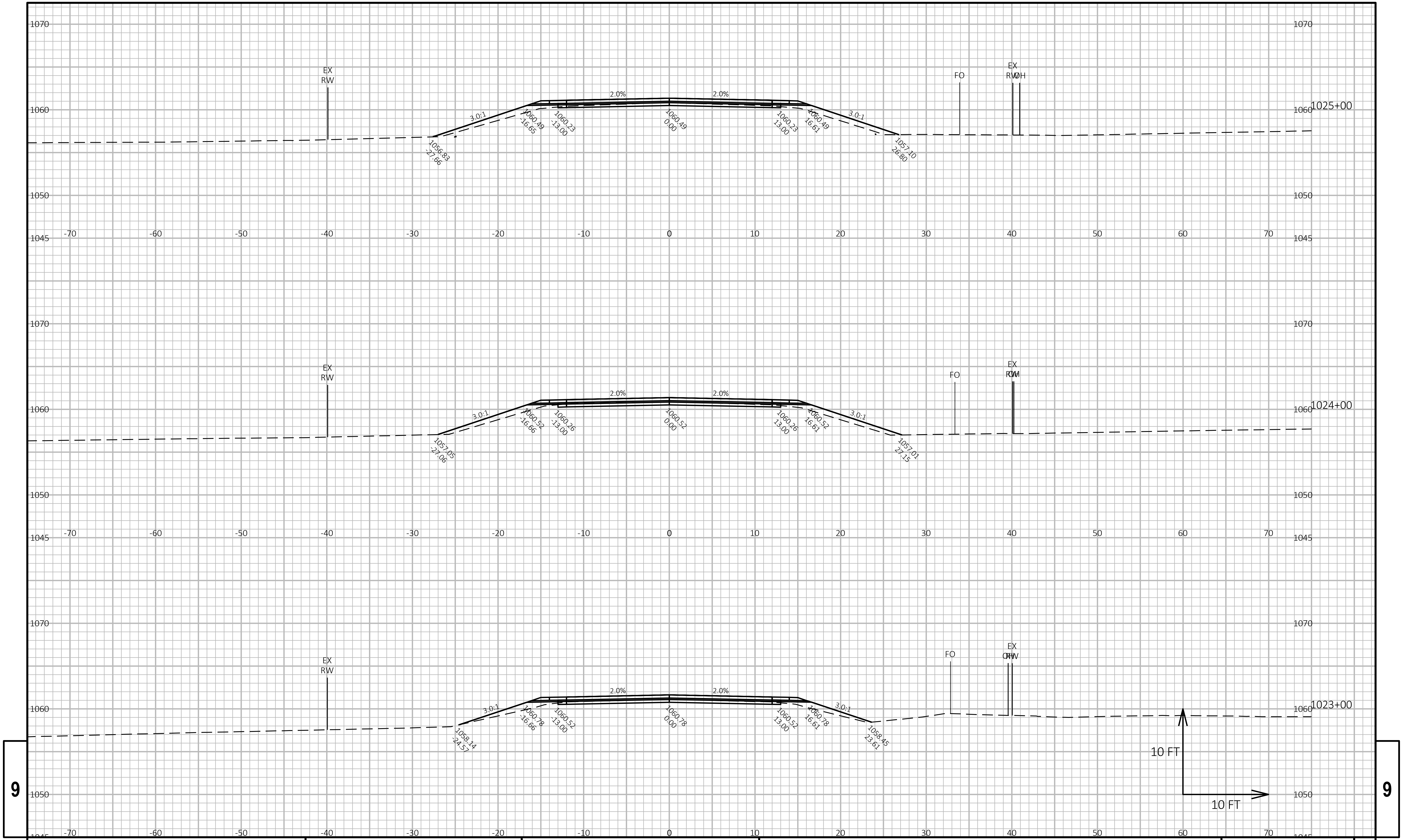
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 88	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 08

PLOT DATE : 8/11/2022 7:27 PM PLOT BY : DUSTIN SCHUH PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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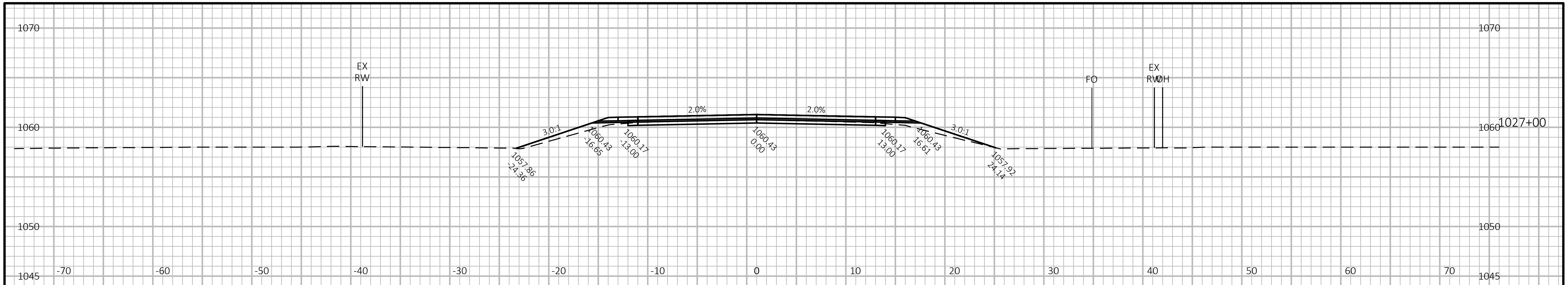
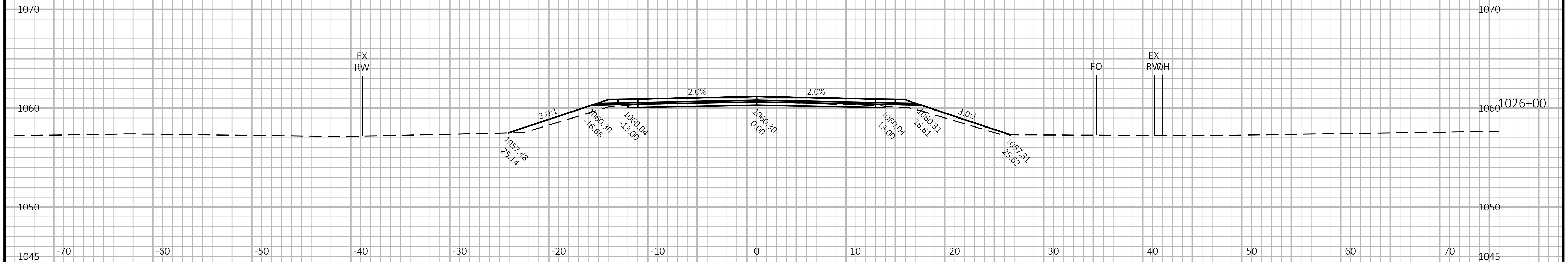
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 89	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 09

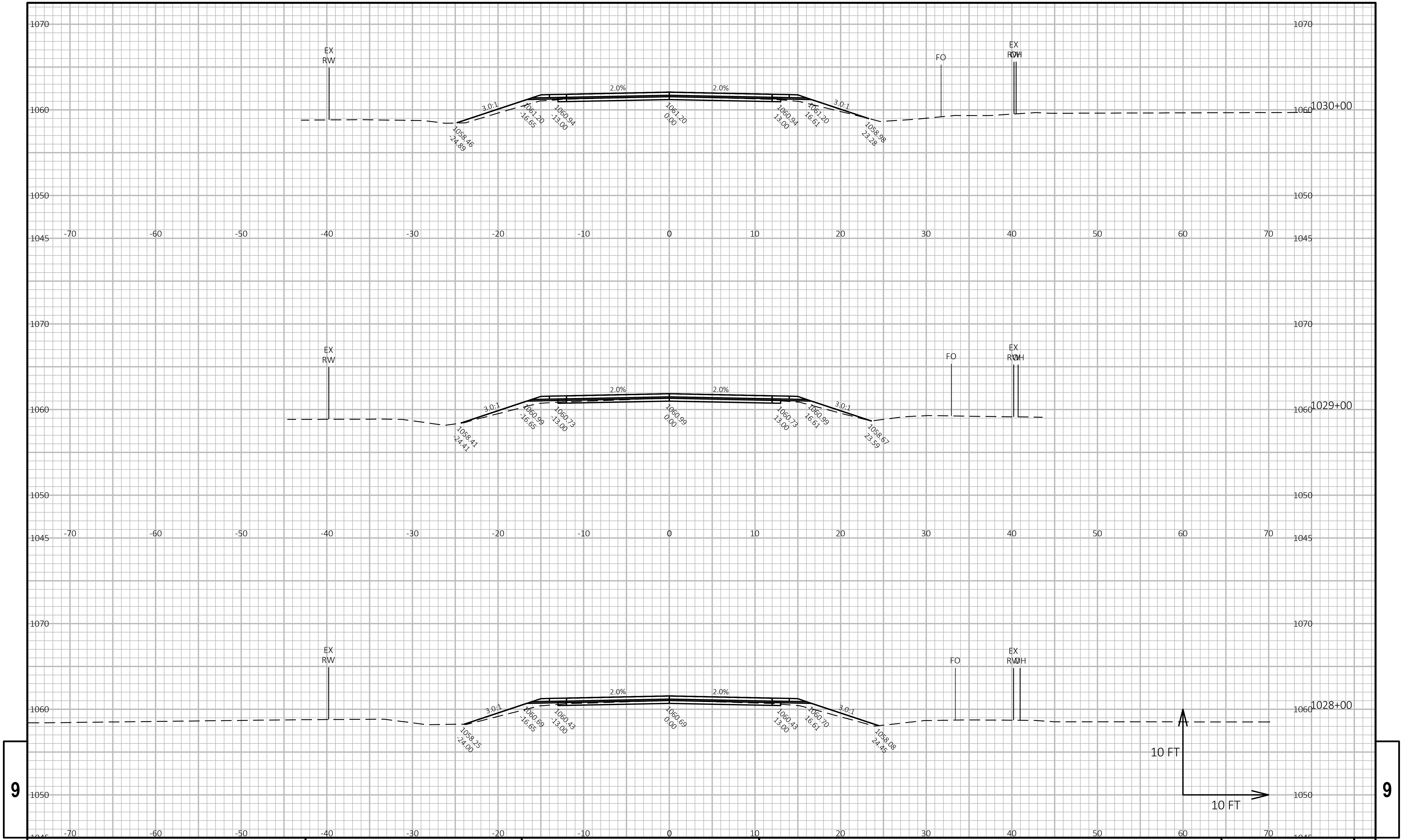
PLOT DATE : 8/11/2022 7:27 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.





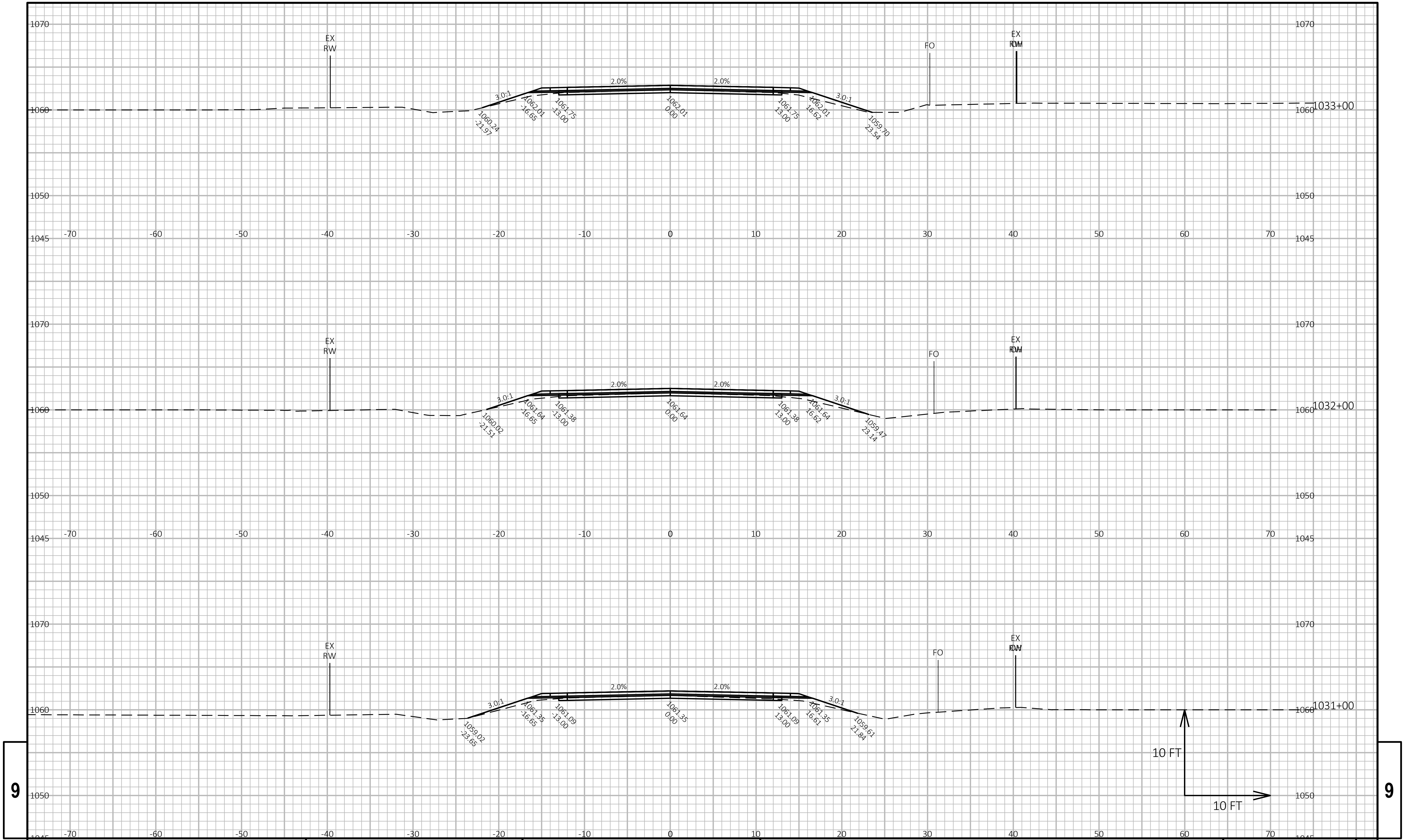
SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING PURPOSES.

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 90	E



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 91	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 11
PLOT DATE : 8/11/2022 7:28 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 92	E

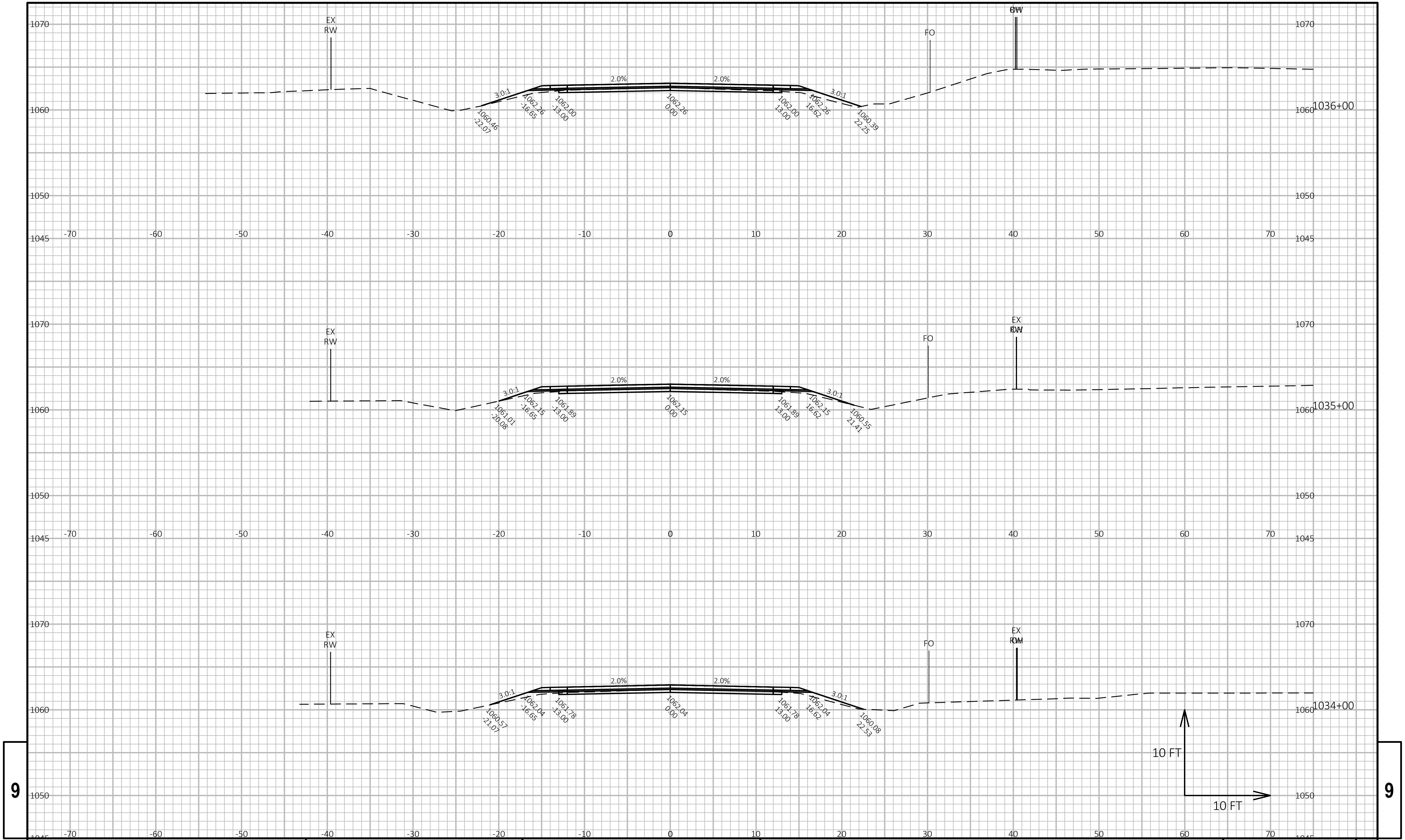
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 12

PLOT DATE : 8/11/2022 7:28 PM

PLOT BY : DUSTIN SCHUH

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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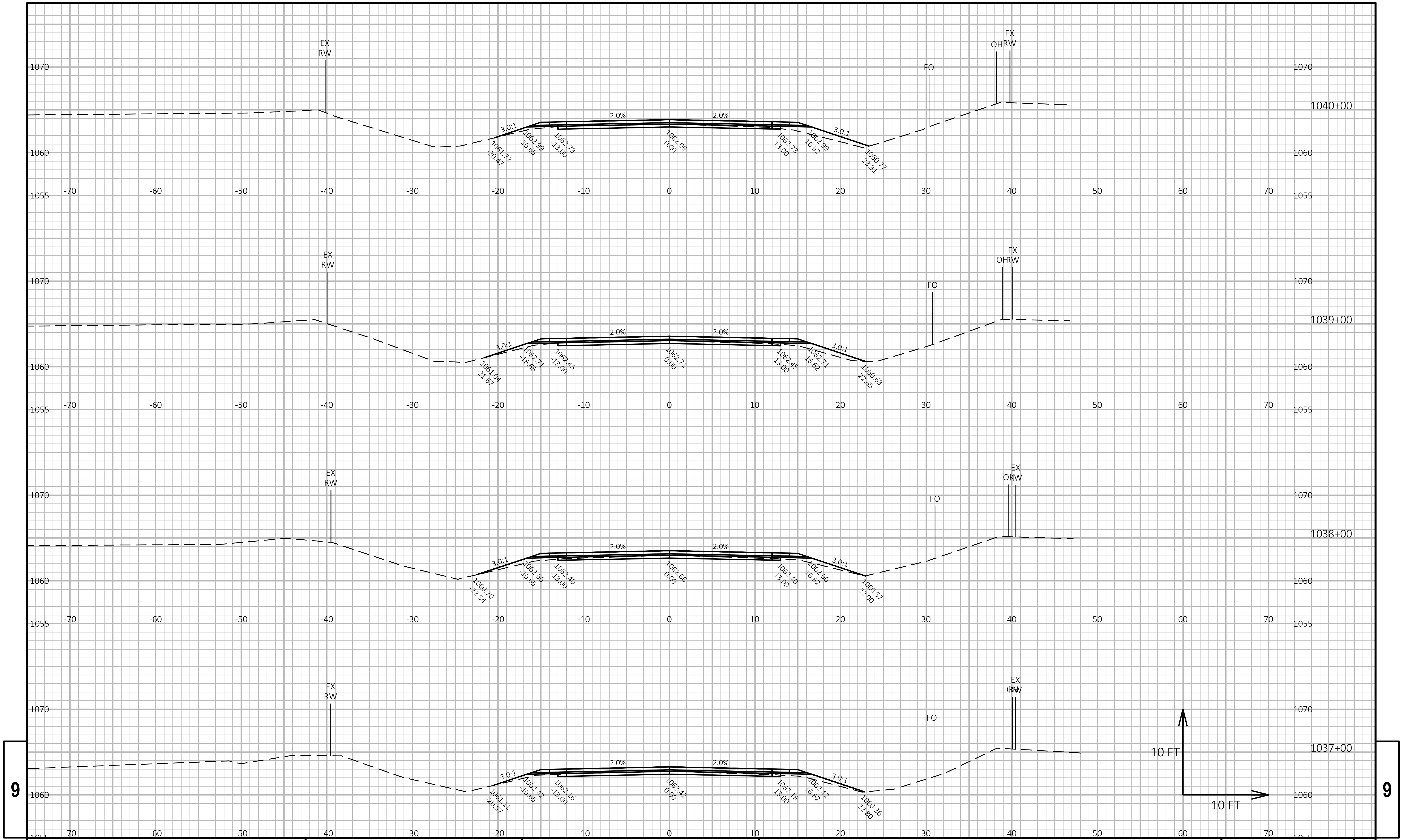
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 93	E

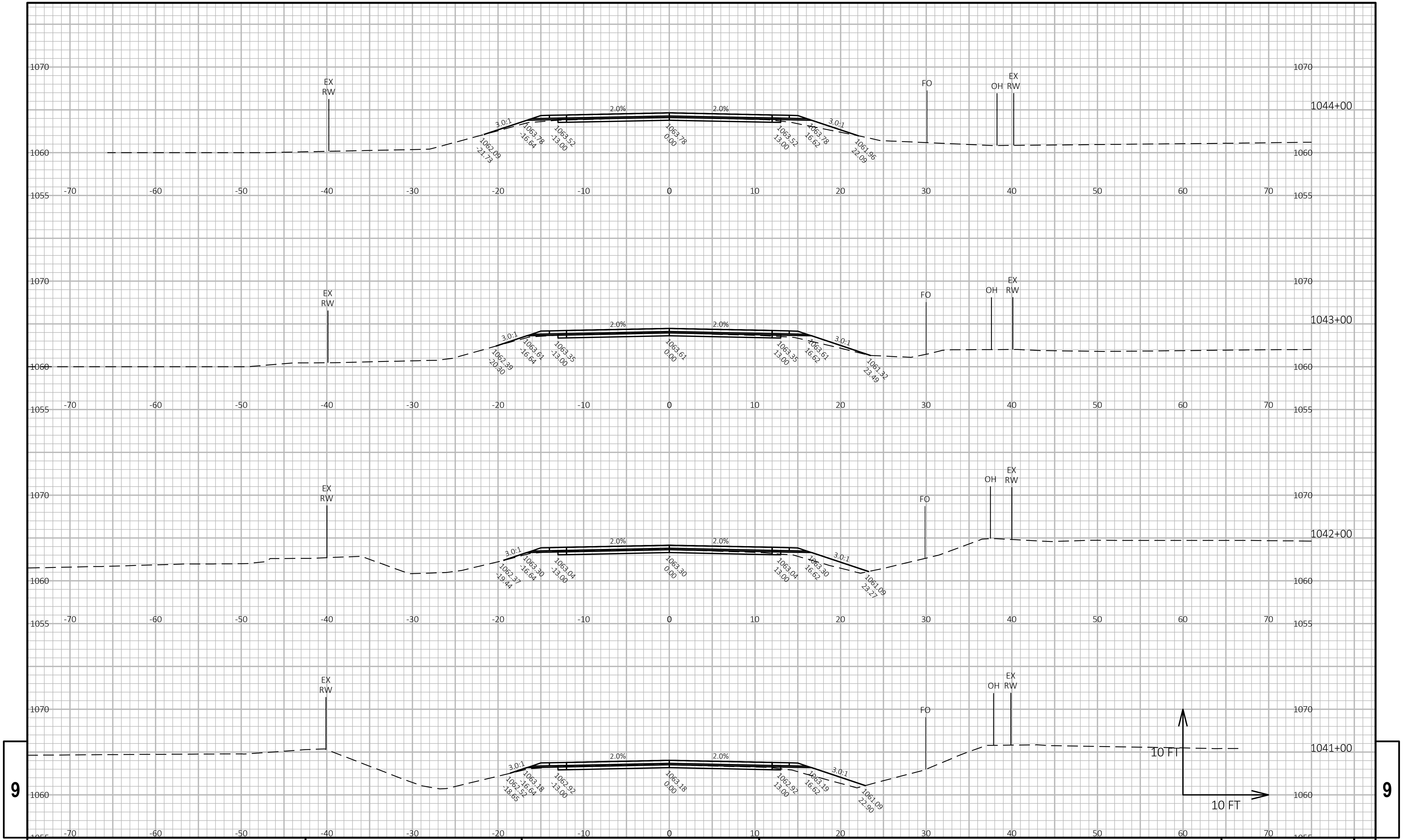
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 13
PLOT DATE : 8/11/2022 7:28 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 94	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 14
PLOT DATE : 8/11/2022 7:28 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

9

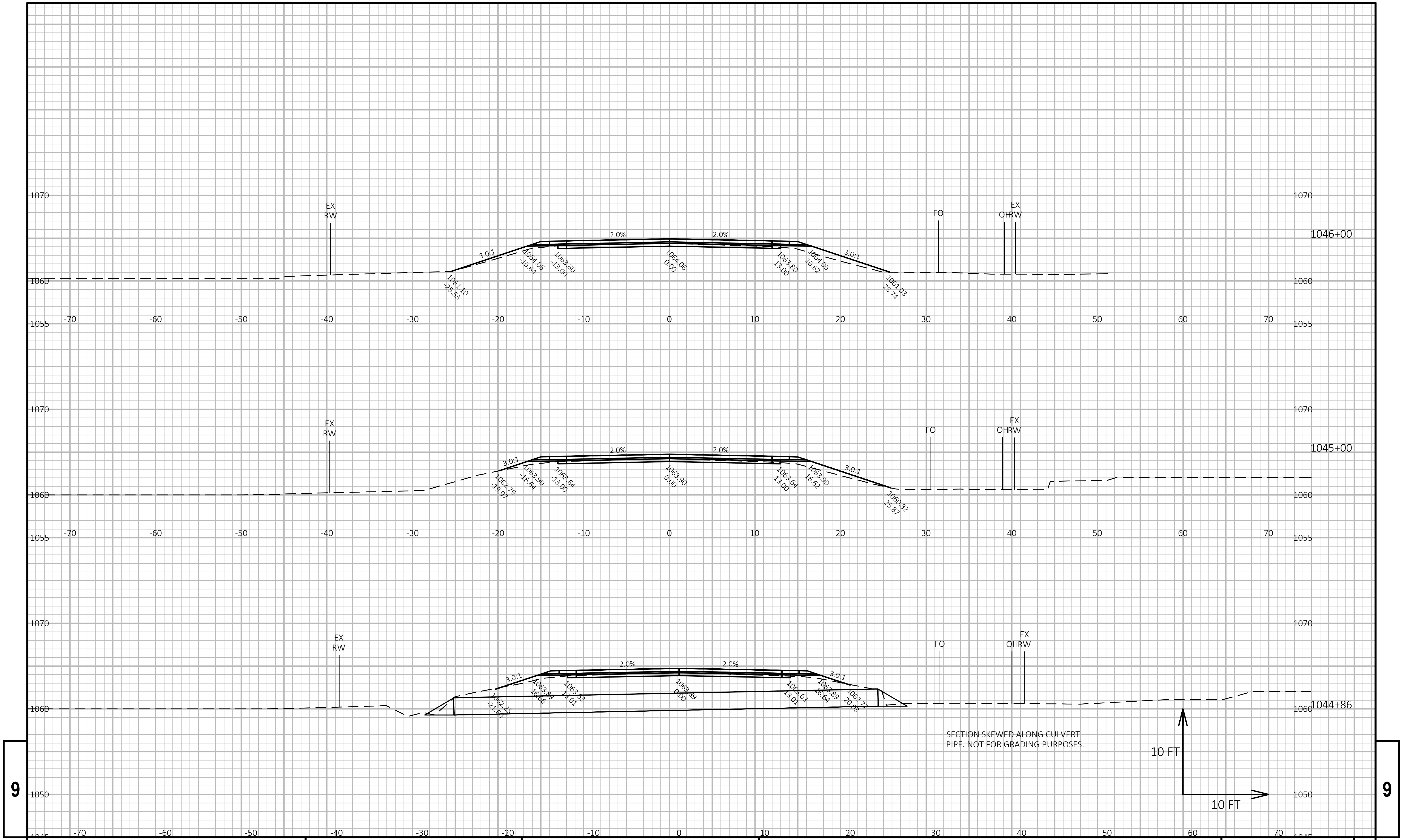


9

PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET | E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 15
PLOT DATE : 8/11/2022 7:28 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

9



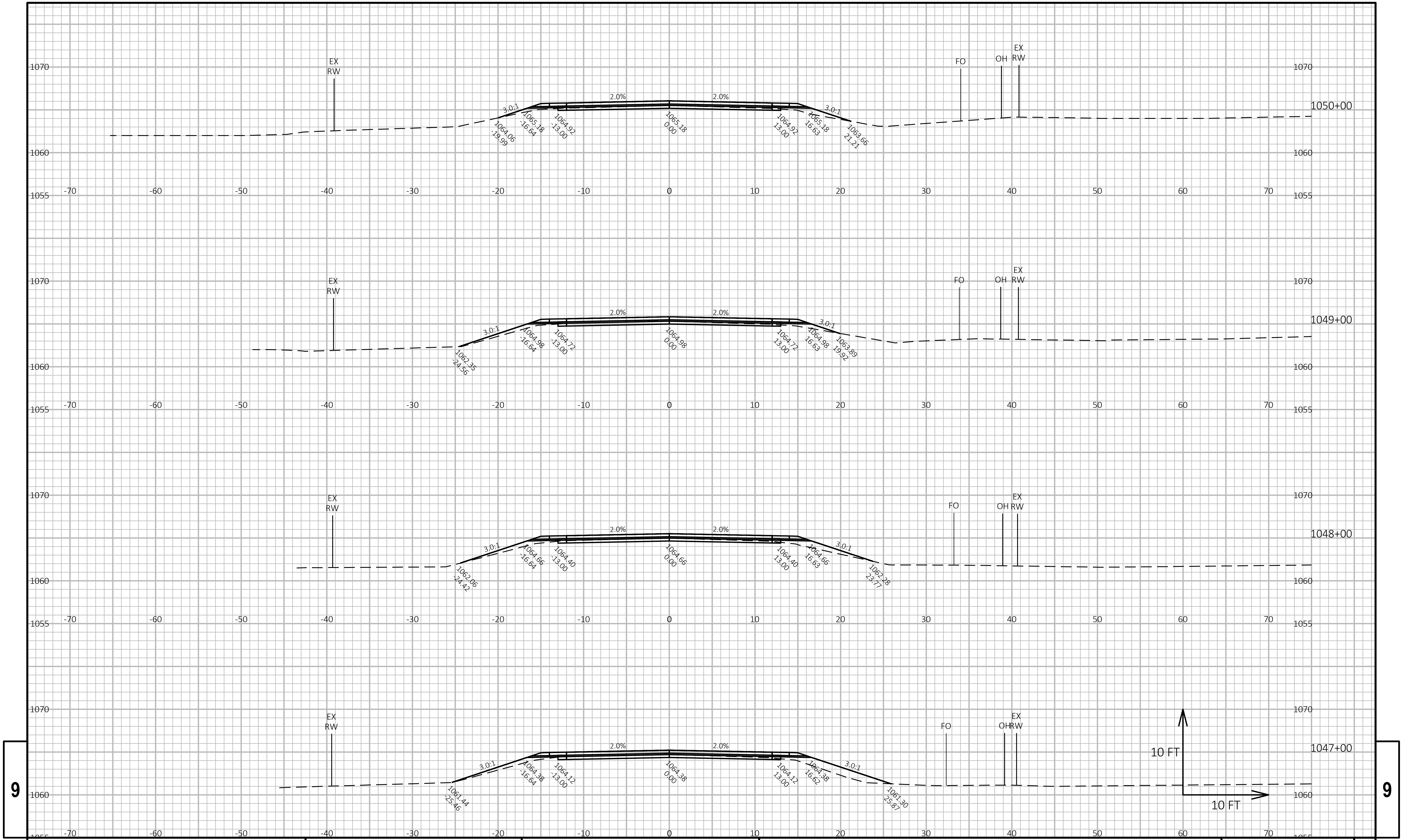
SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING PURPOSES.

9

PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 96 | E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 16

PLOT DATE : 8/11/2022 7:29 PM PLOT BY : DUSTIN SCHUH PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 97	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 17

PLOT DATE : 8/11/2022 7:29 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

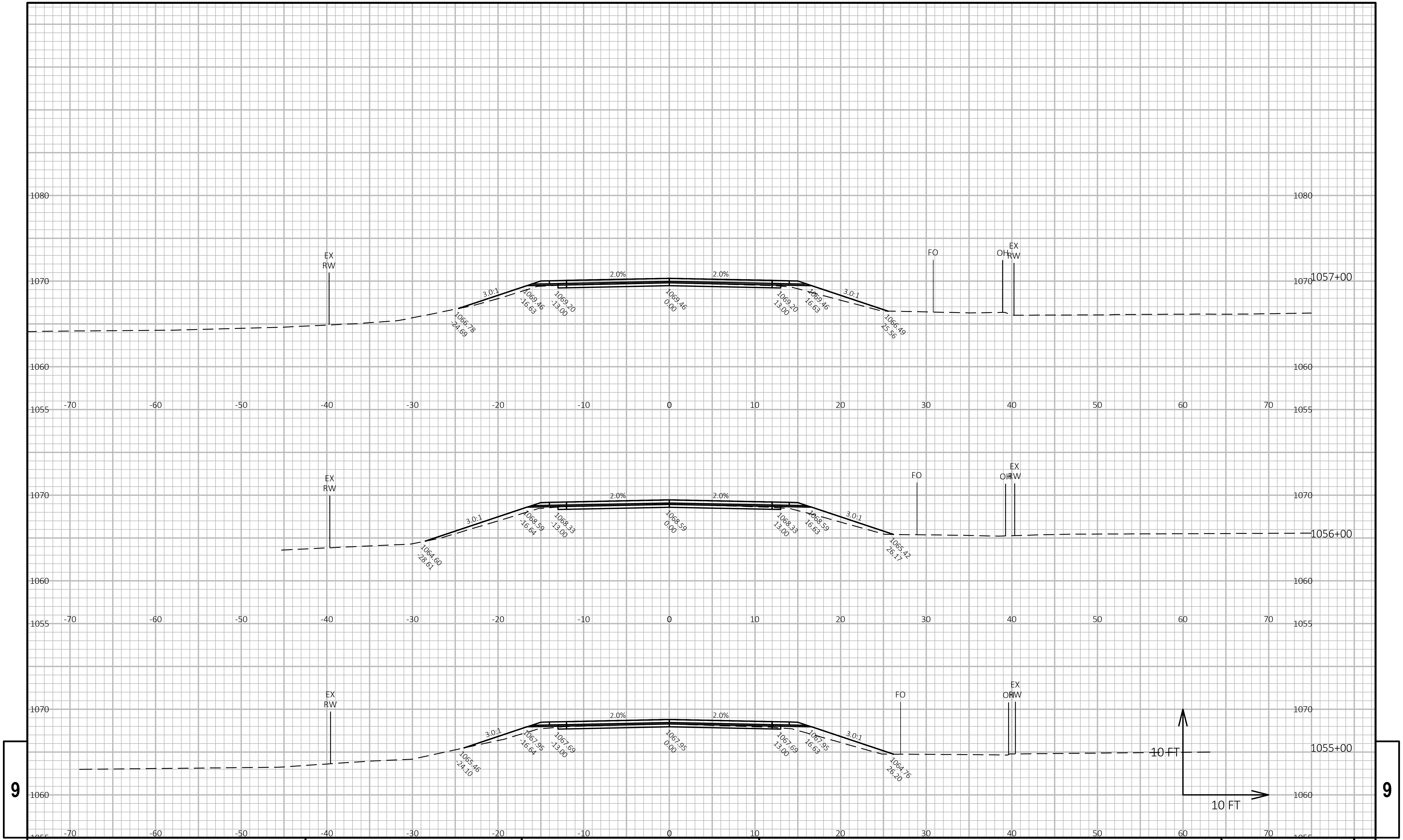
WISDOT/CADDS SHEET 49

PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET

E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 18

PLOT DATE : 8/11/2022 7:29 PM PLOT BY : DUSTIN SCHUH PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

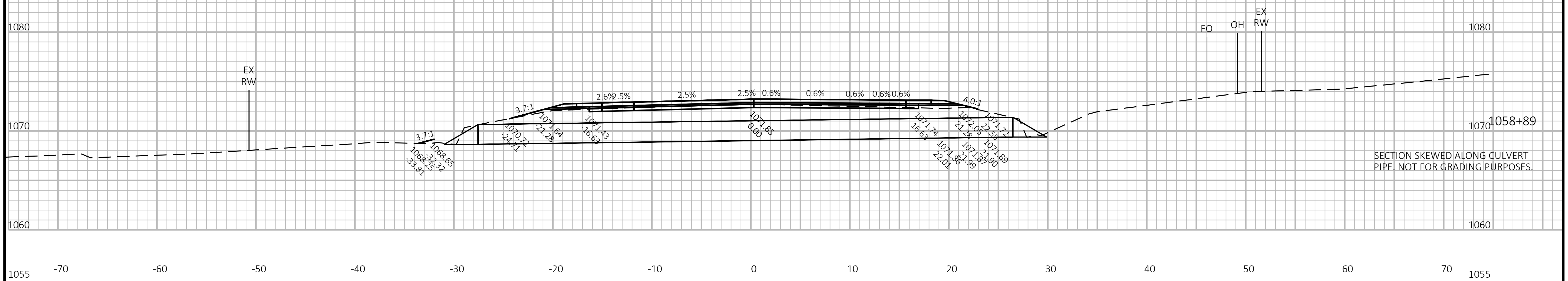


9

9

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 99	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090201_XS_CTH P.DWG
LAYOUT NAME - 19
PLOT DATE : 8/11/2022 7:29 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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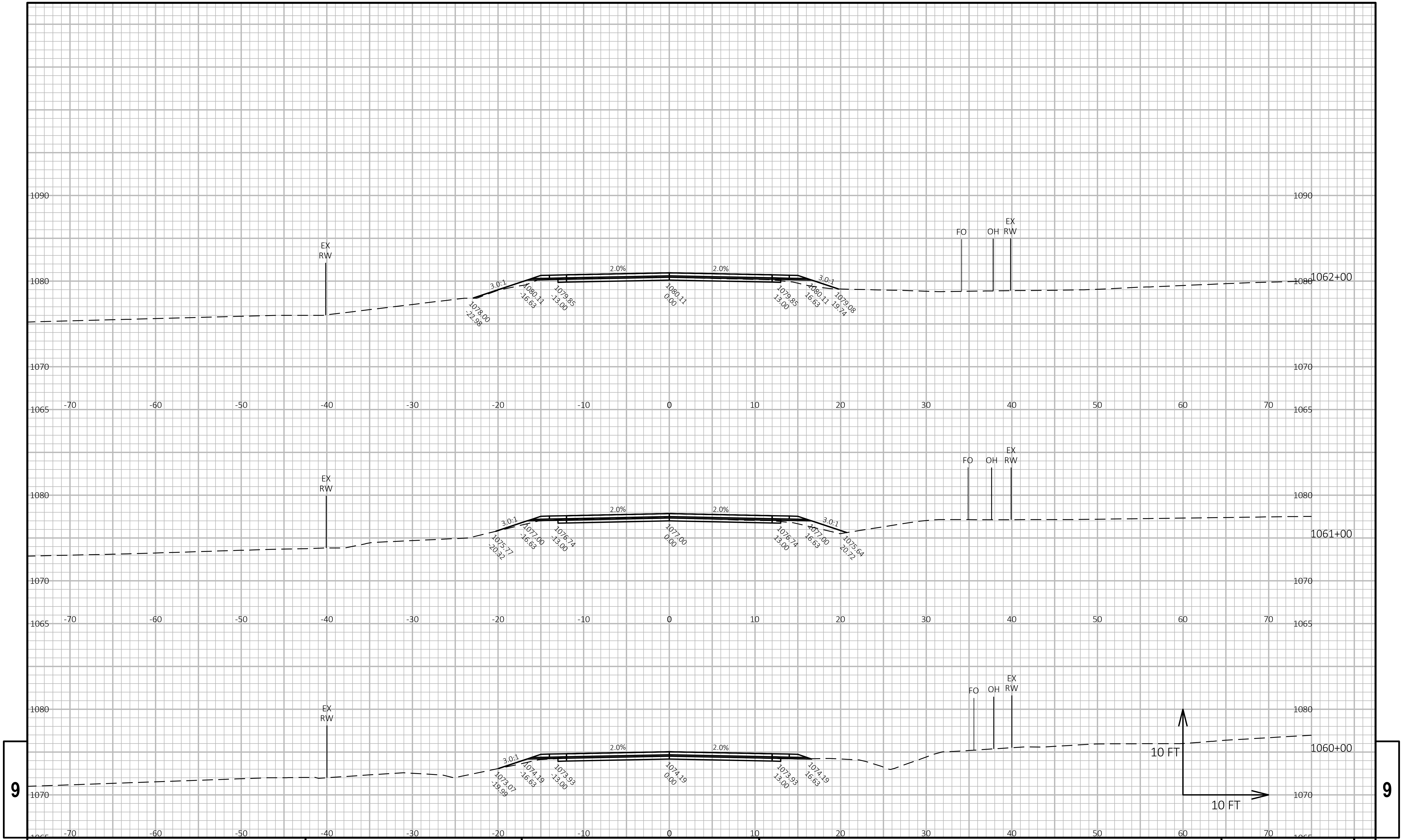
9

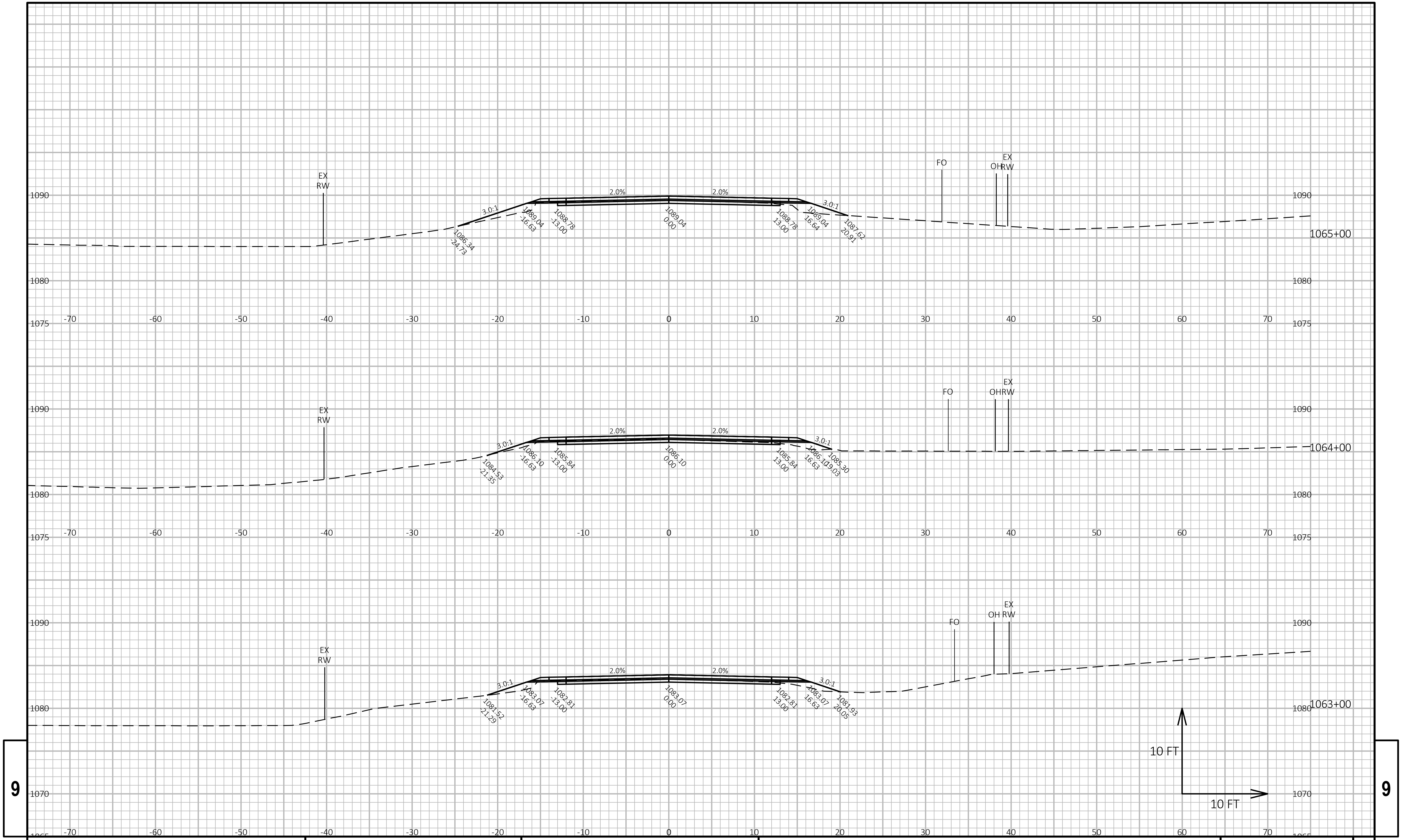
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 100	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 20
PLOT DATE : 8/11/2022 7:31 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



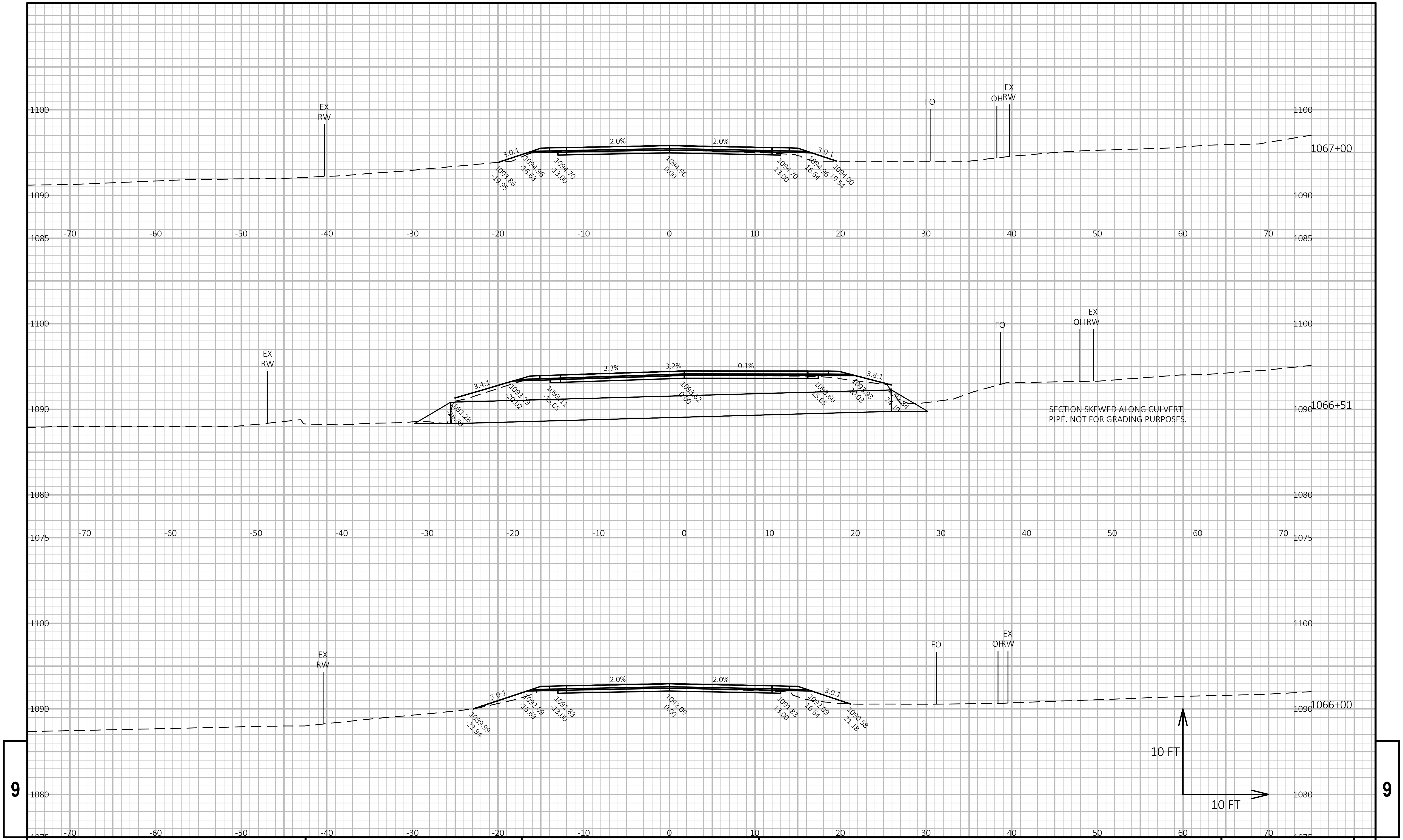
PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 21
PLOT DATE : 8/11/2022 7:31 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 102	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 22
PLOT DATE : 8/11/2022 7:32 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 103	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 23

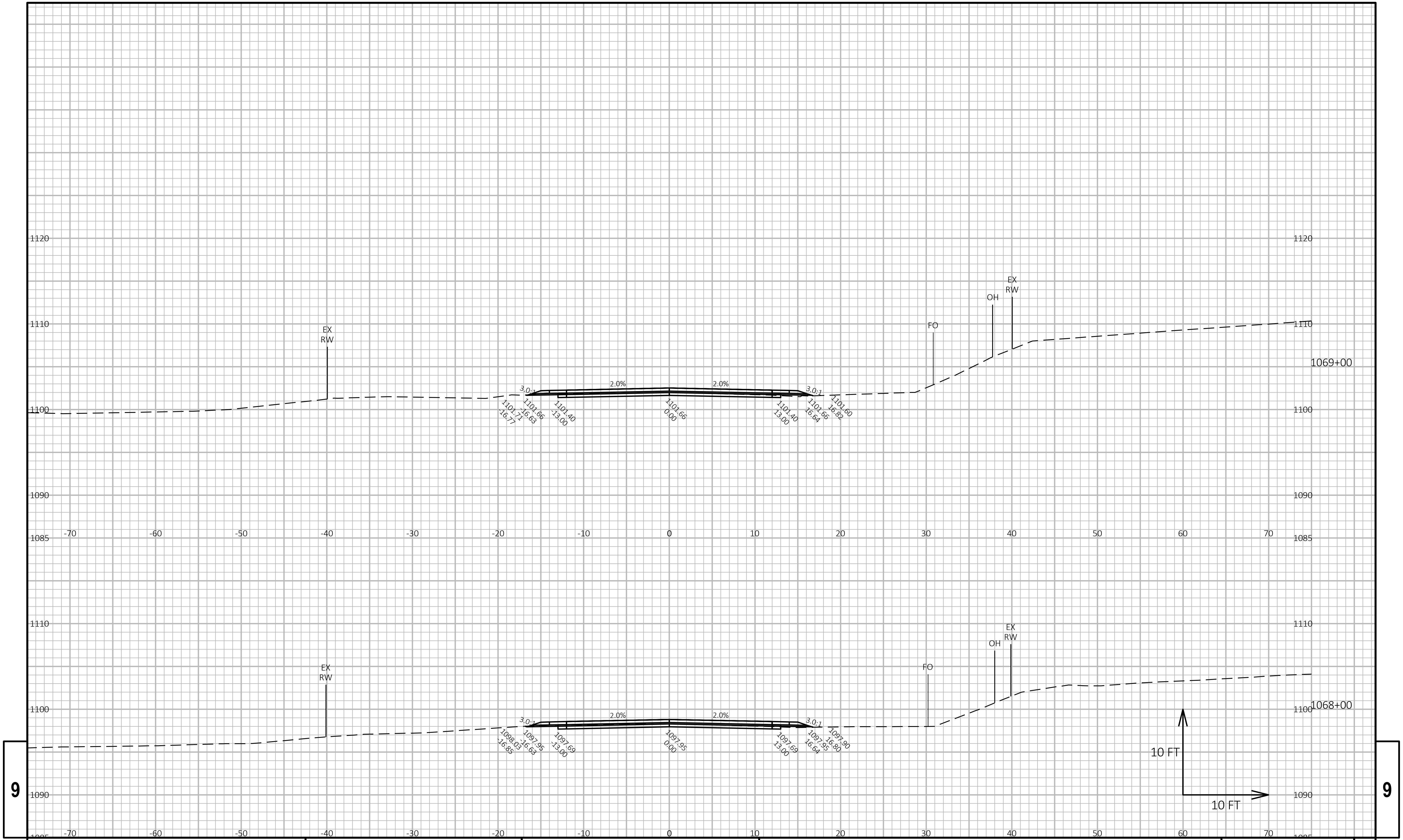
PLOT DATE : 8/11/2022 7:32 PM

PLOT BY : DUSTIN SCHUH

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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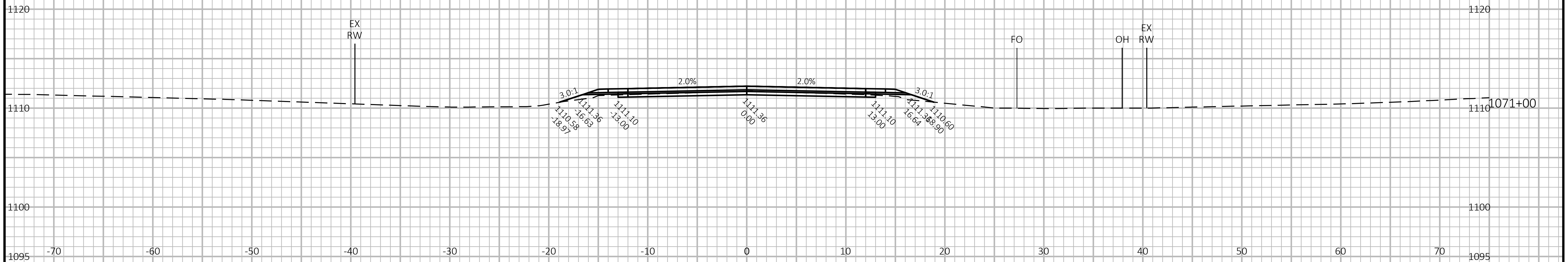
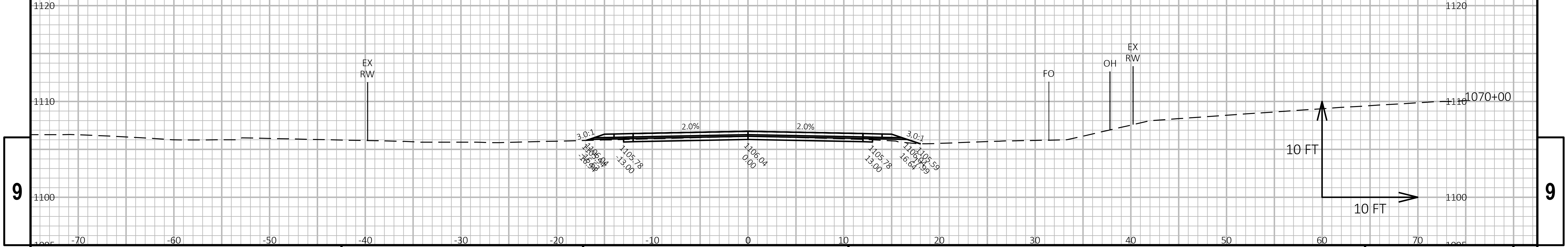
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 104	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 24
PLOT DATE : 8/11/2022 7:32 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.





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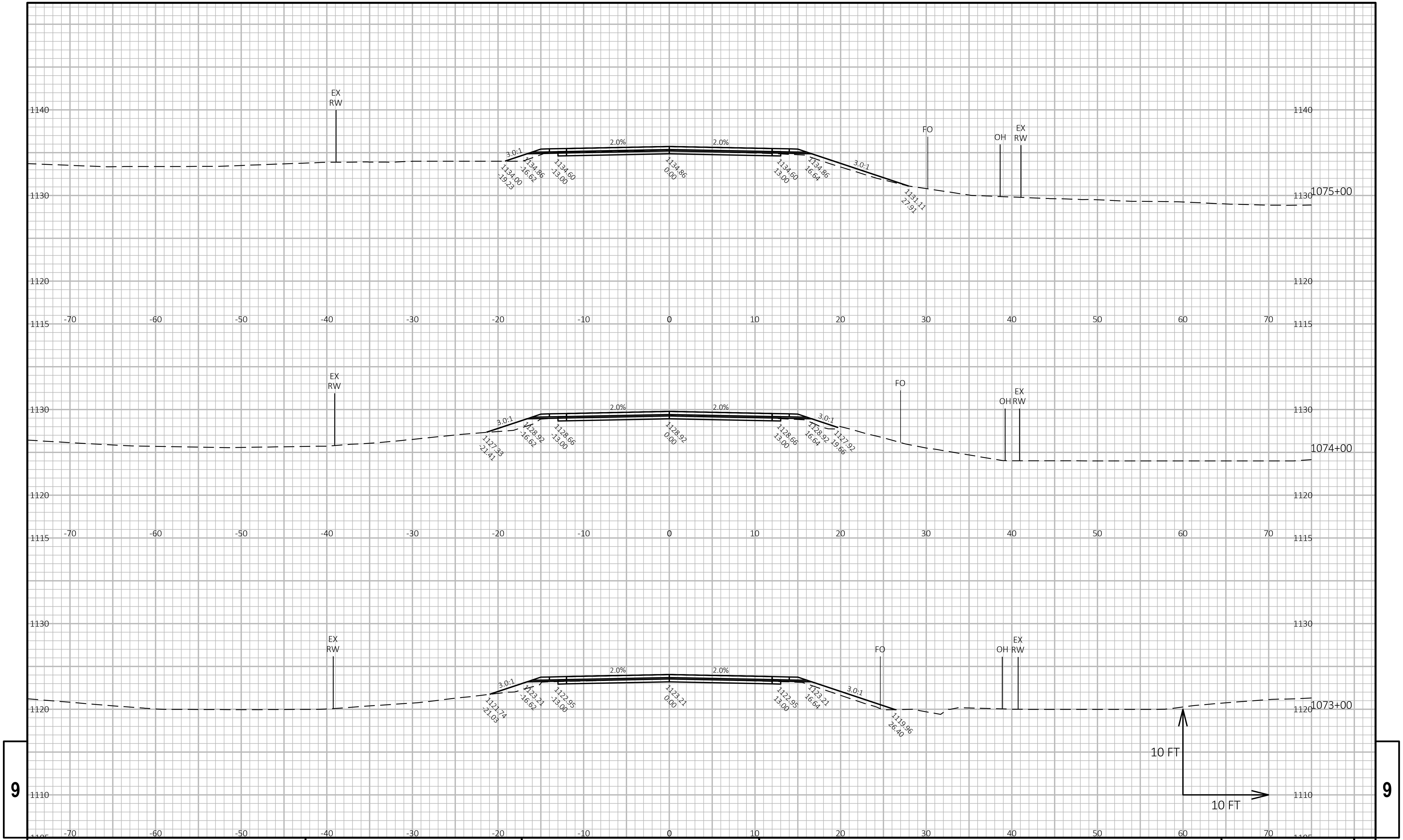
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 105	E



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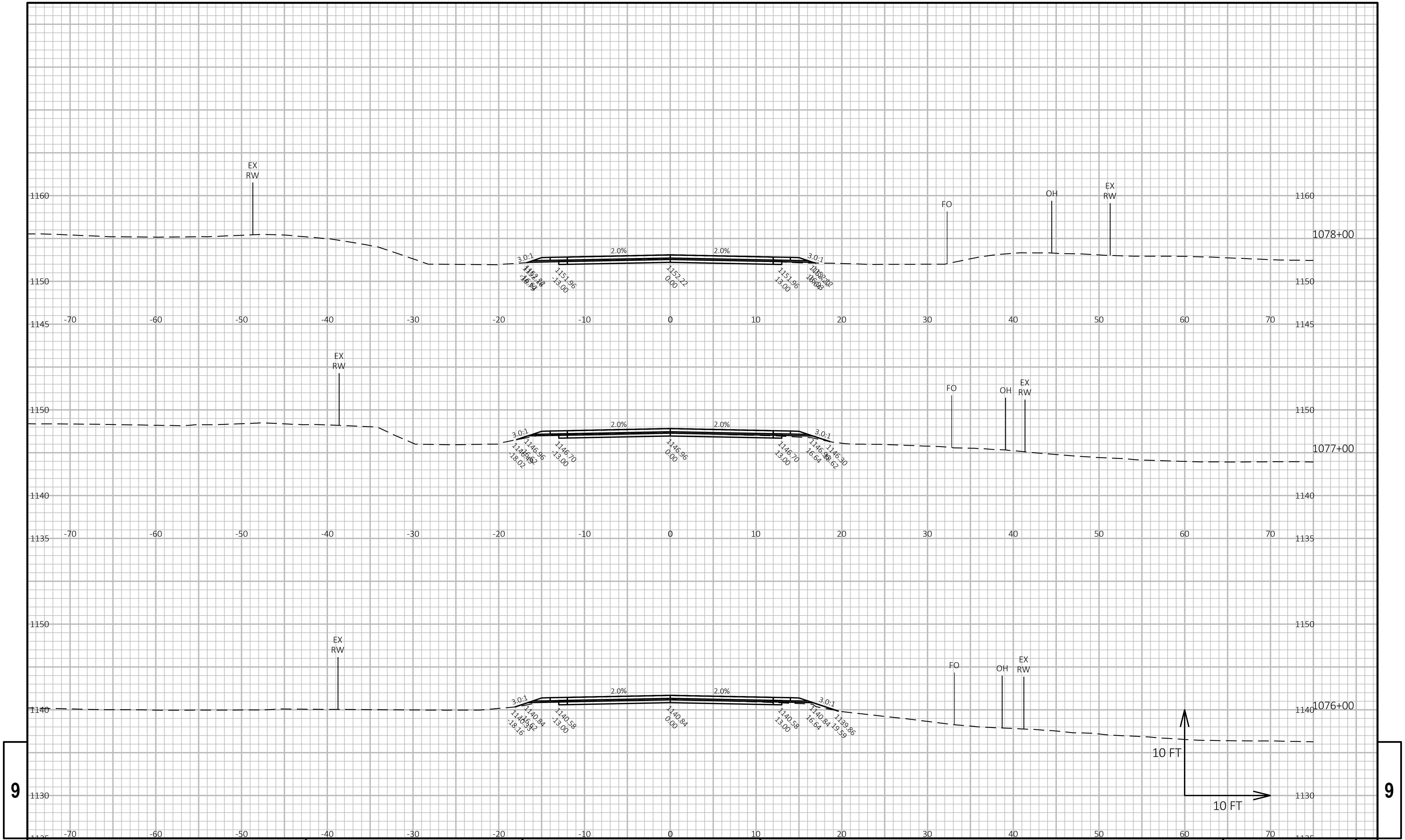
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 106	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 26
PLOT DATE : 8/11/2022 7:33 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

9



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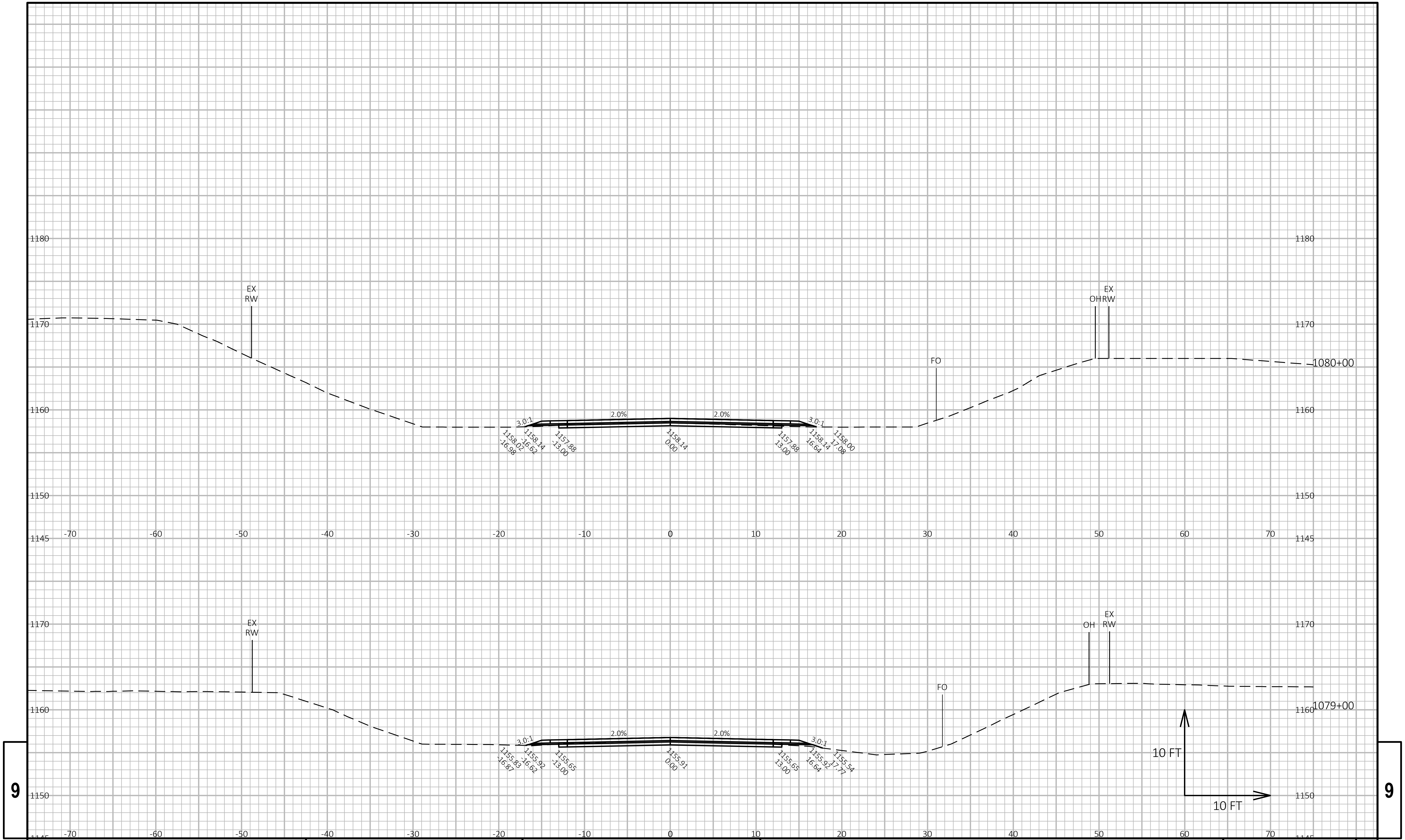
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 107	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 27
PLOT DATE : 8/11/2022 7:33 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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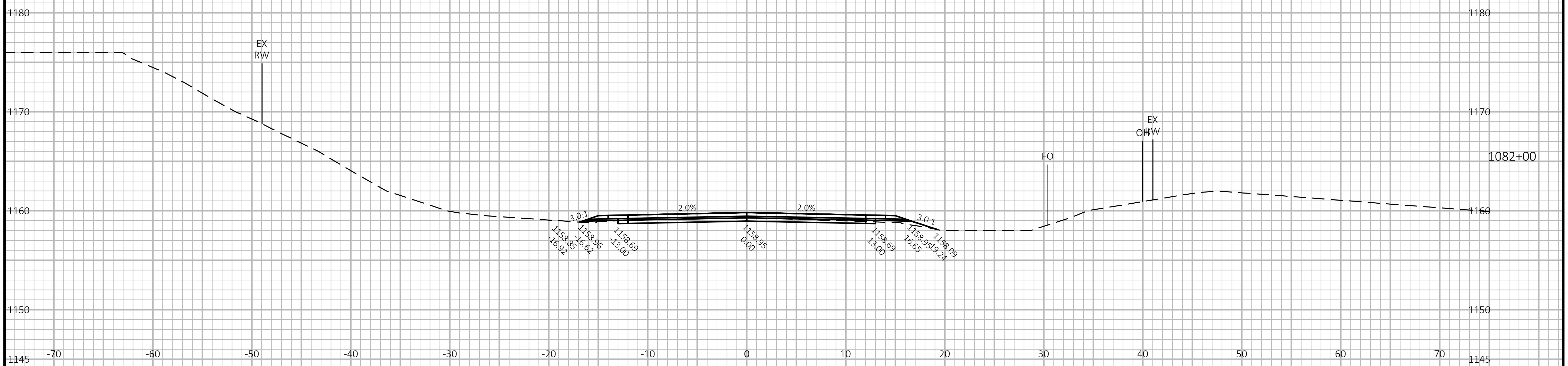
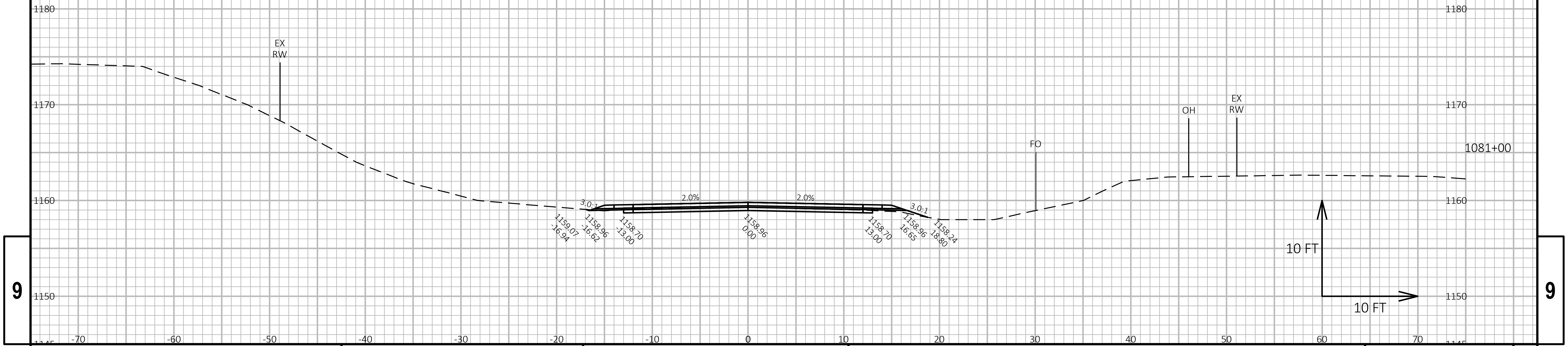
9

PROJECT NO: 8822-00-71
HWY: CTH P
COUNTY: BARRON
CROSS SECTIONS: CTH P
SHEET 108
E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 28
PLOT DATE : 8/11/2022 7:33 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49





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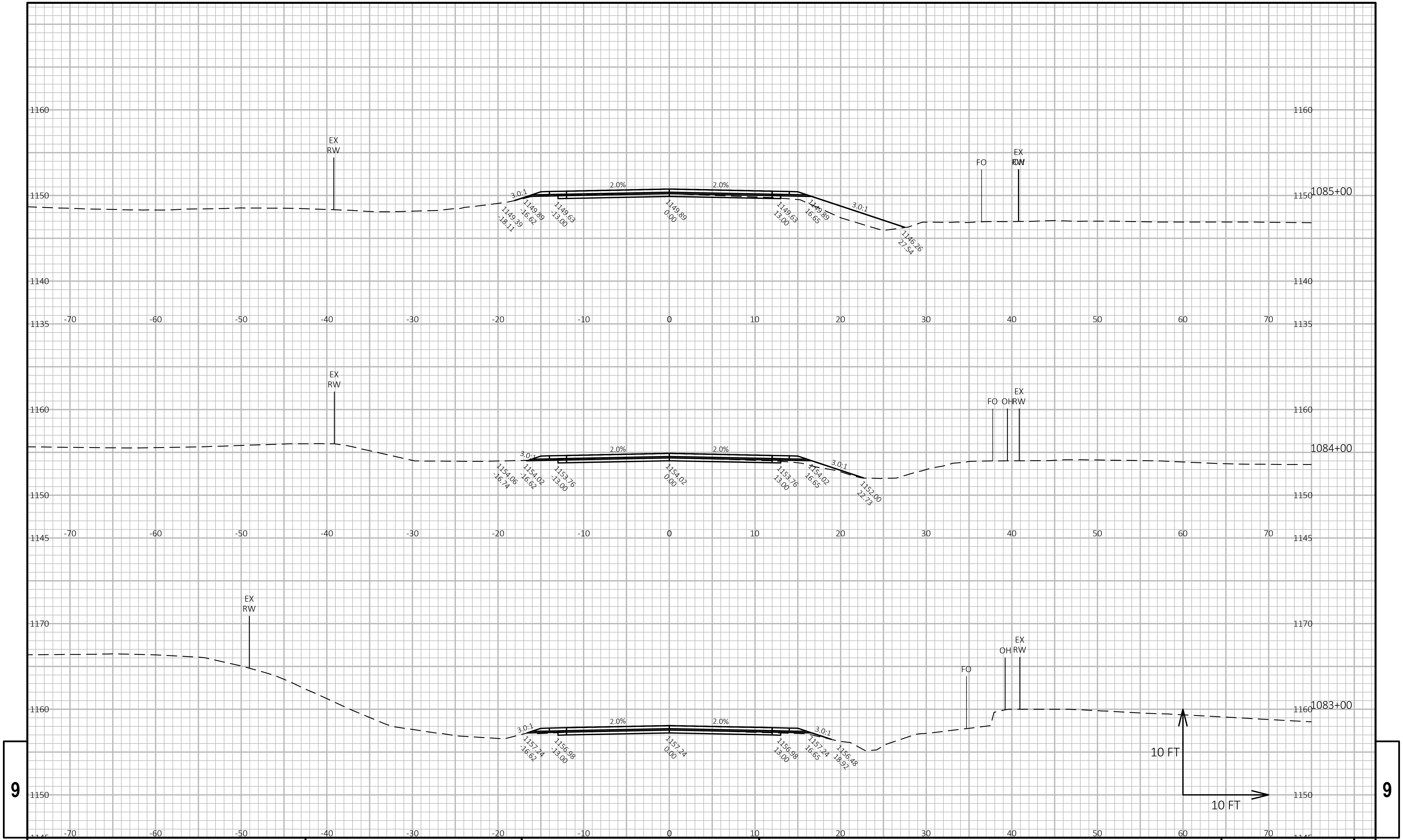
9

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 109	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 29
PLOT DATE : 8/11/2022 7:33 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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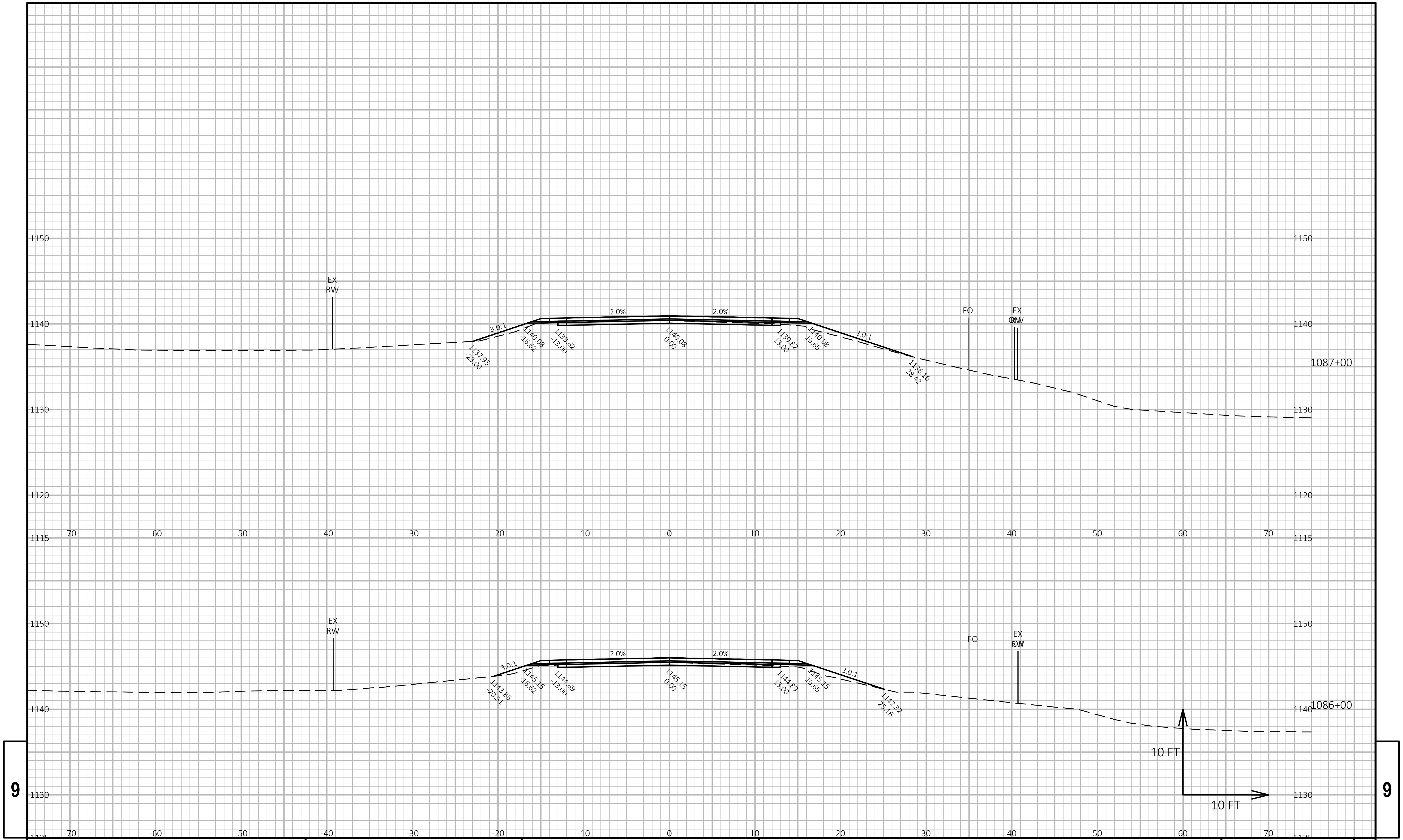
PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 110 | E

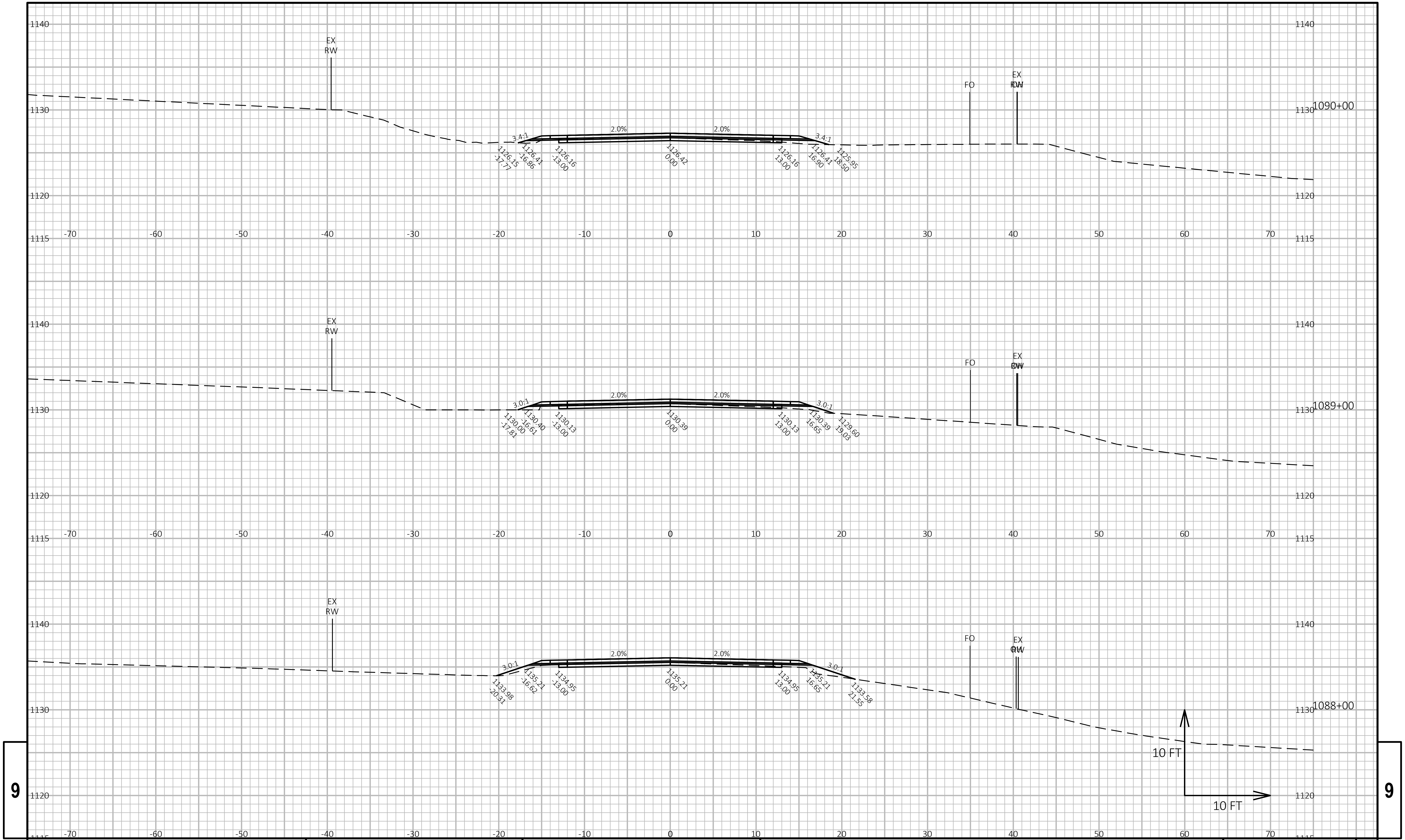
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 30
PLOT DATE : 8/11/2022 7:33 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 111 | E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 31

PLOT DATE : 8/11/2022 7:34 PM PLOT BY : DUSTIN SCHUH PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 112	E

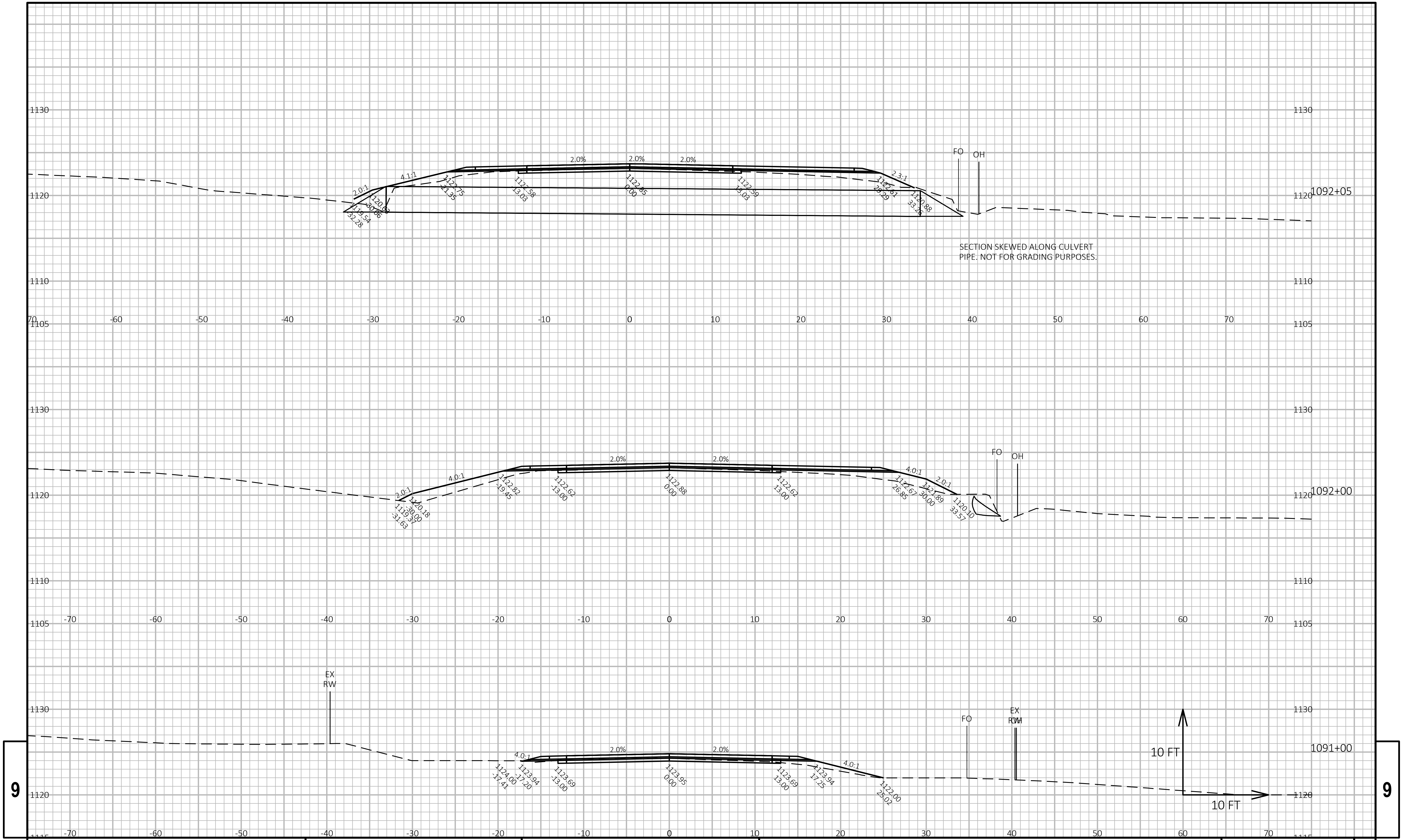
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 32

PLOT DATE : 8/11/2022 7:34 PM

PLOT BY : DUSTIN SCHUH

PLOT NAME :

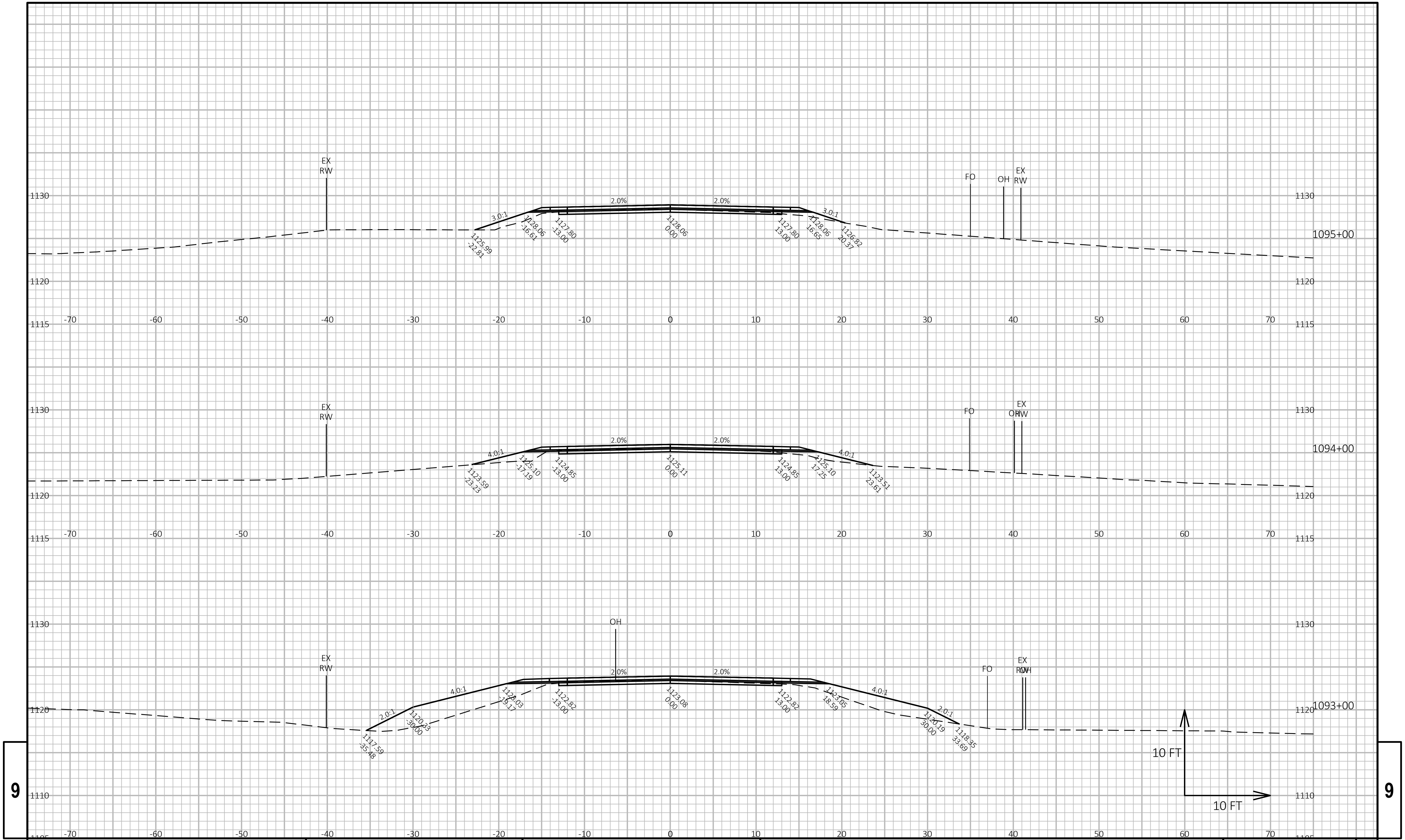
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING PURPOSES.

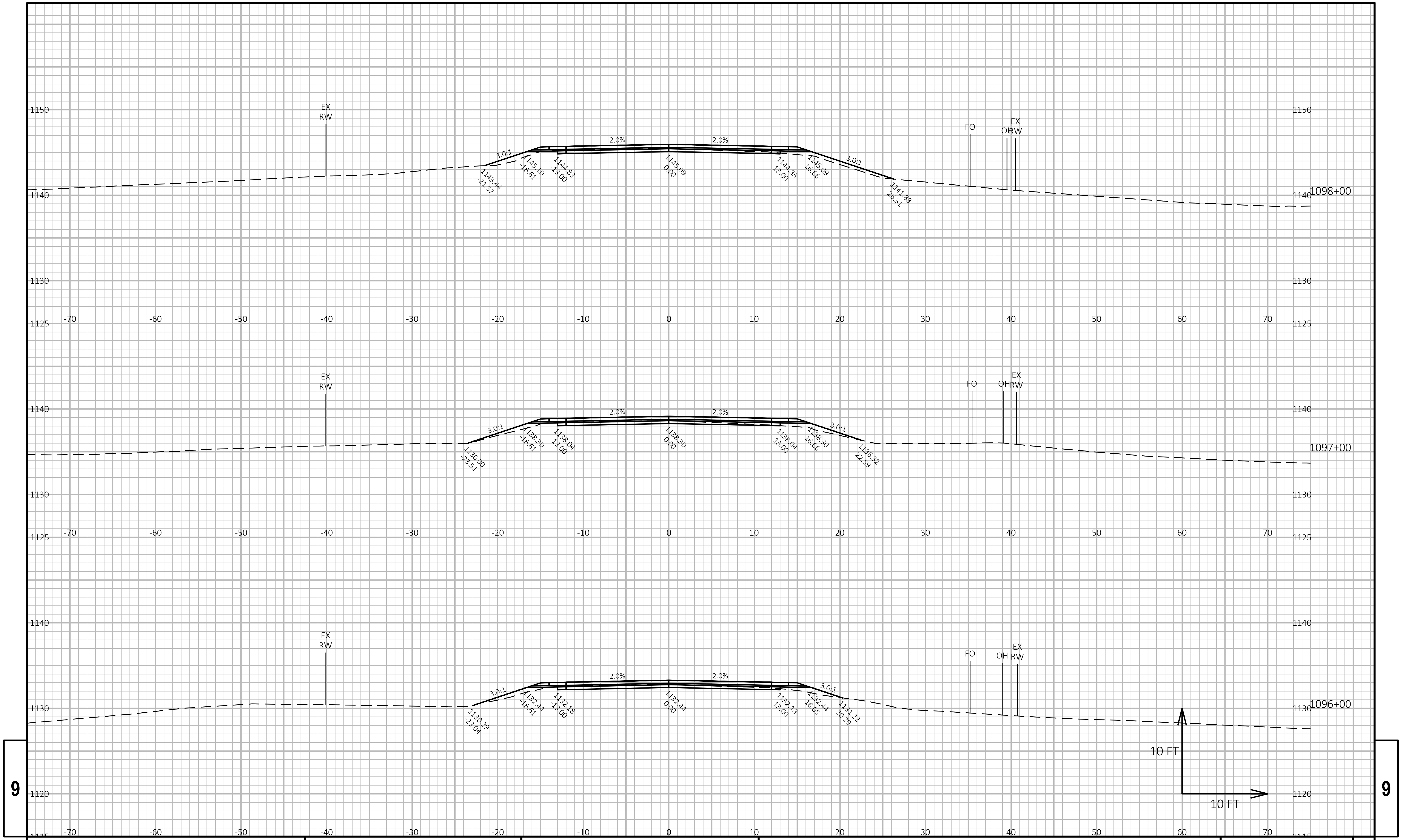
PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 113 | E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 33
PLOT DATE : 8/11/2022 7:34 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

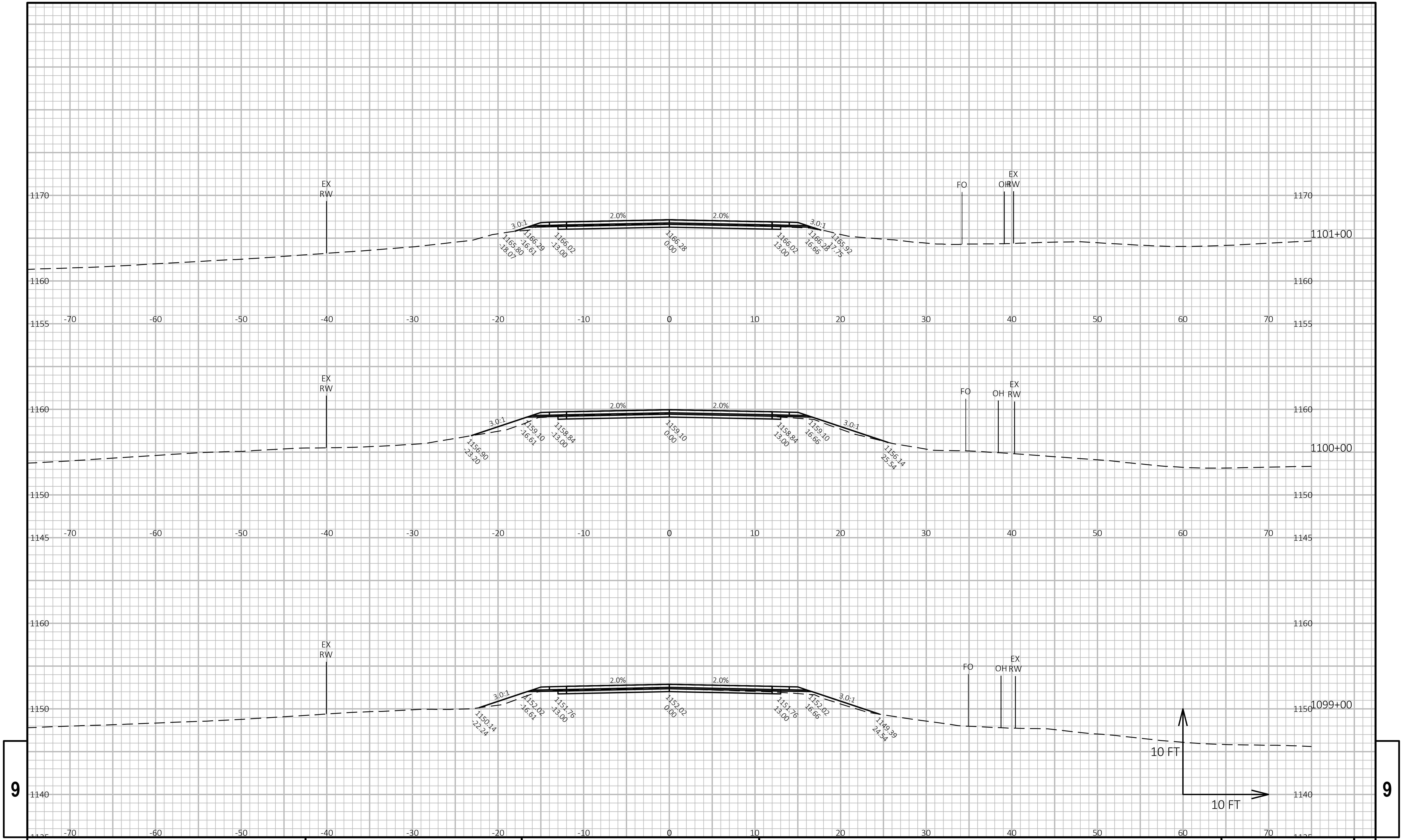


PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 114 | E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 34
PLOT DATE : 8/11/2022 7:34 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 115	E



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9

PROJECT NO: 8822-00-71

HWY: CTH P

COUNTY: BARRON

CROSS SECTIONS: CTH P

SHEET 116

E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 36

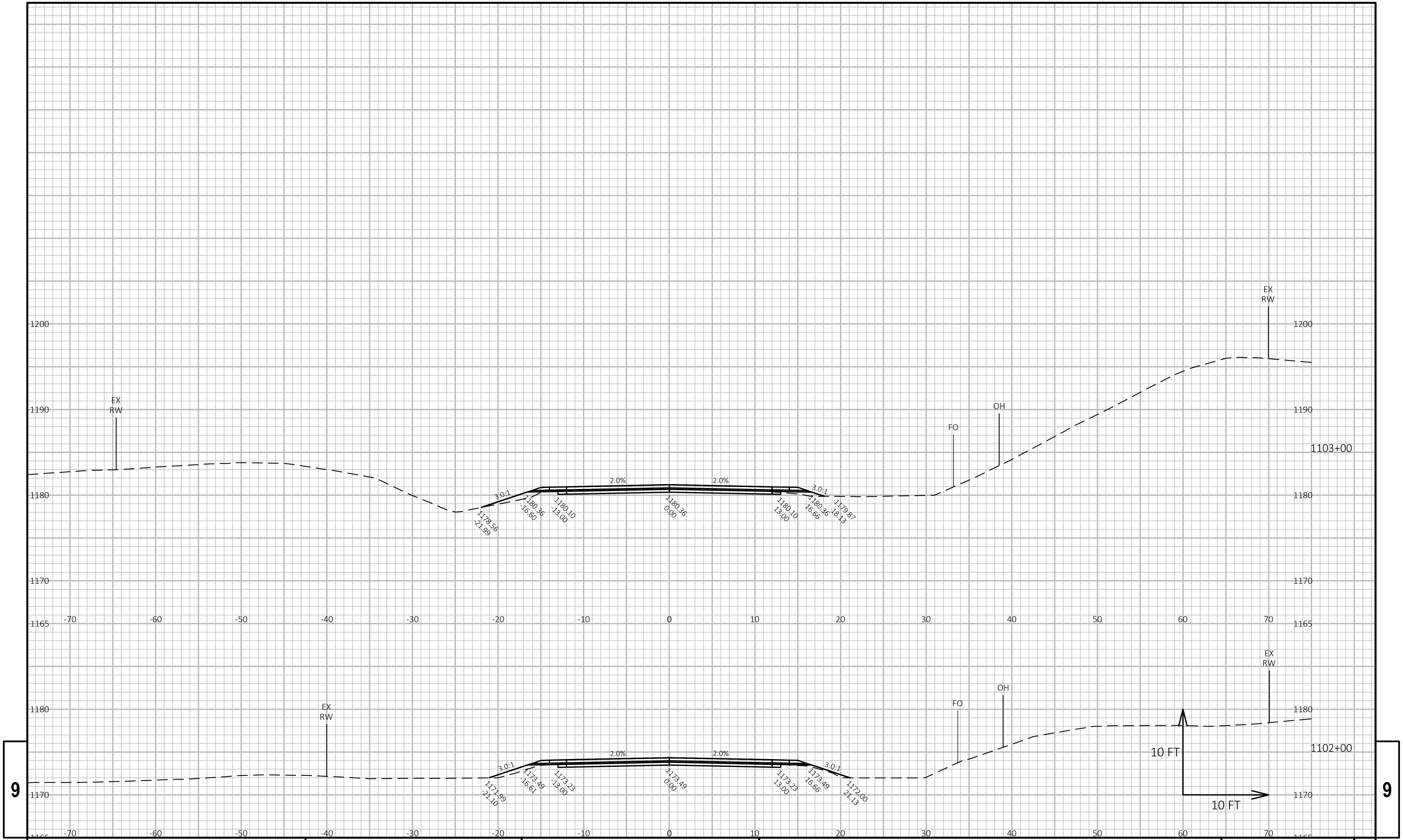
PLOT DATE : 8/11/2022 7:35 PM

PLOT BY : DUSTIN SCHUH

PLOT NAME :

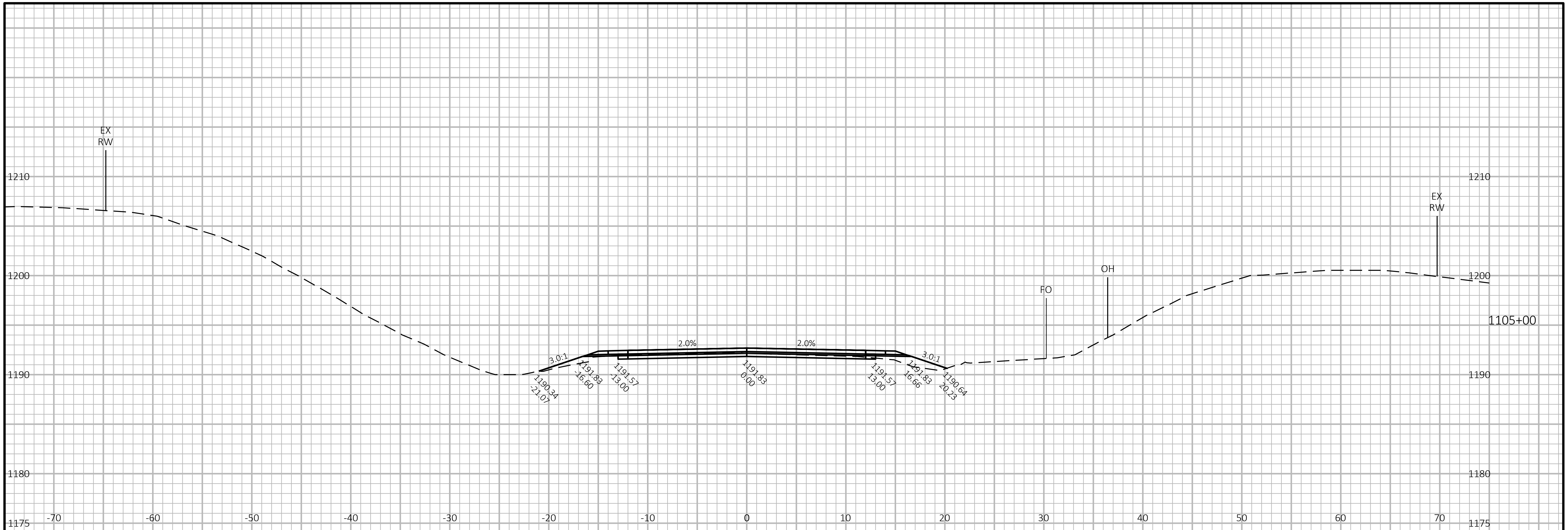
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

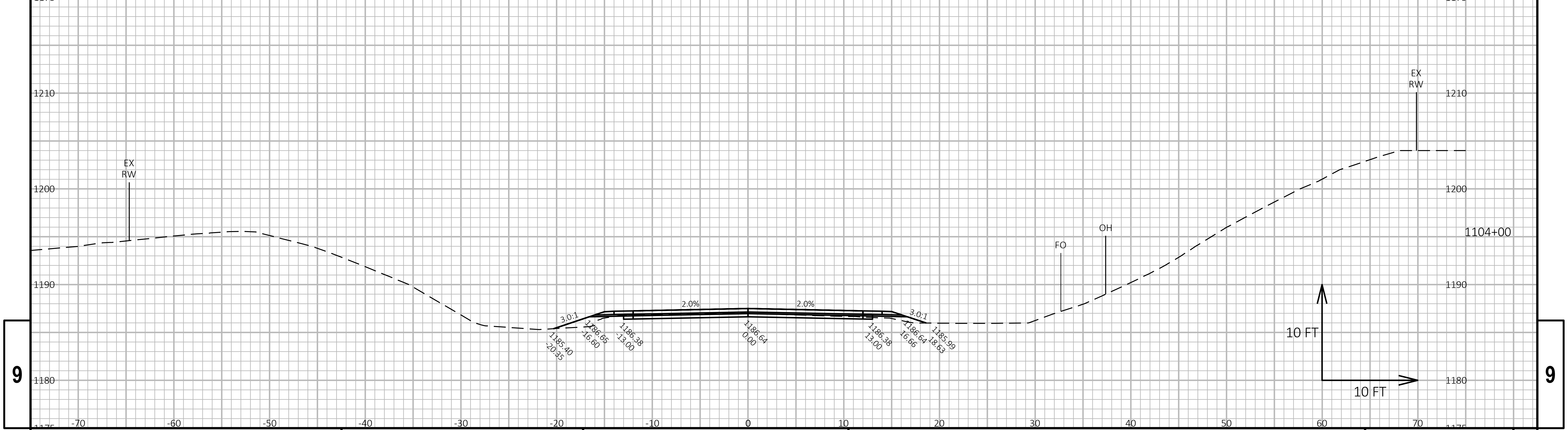
WISDOT/CADDS SHEET 49



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 117	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 37
PLOT DATE : 8/11/2022 7:35 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49





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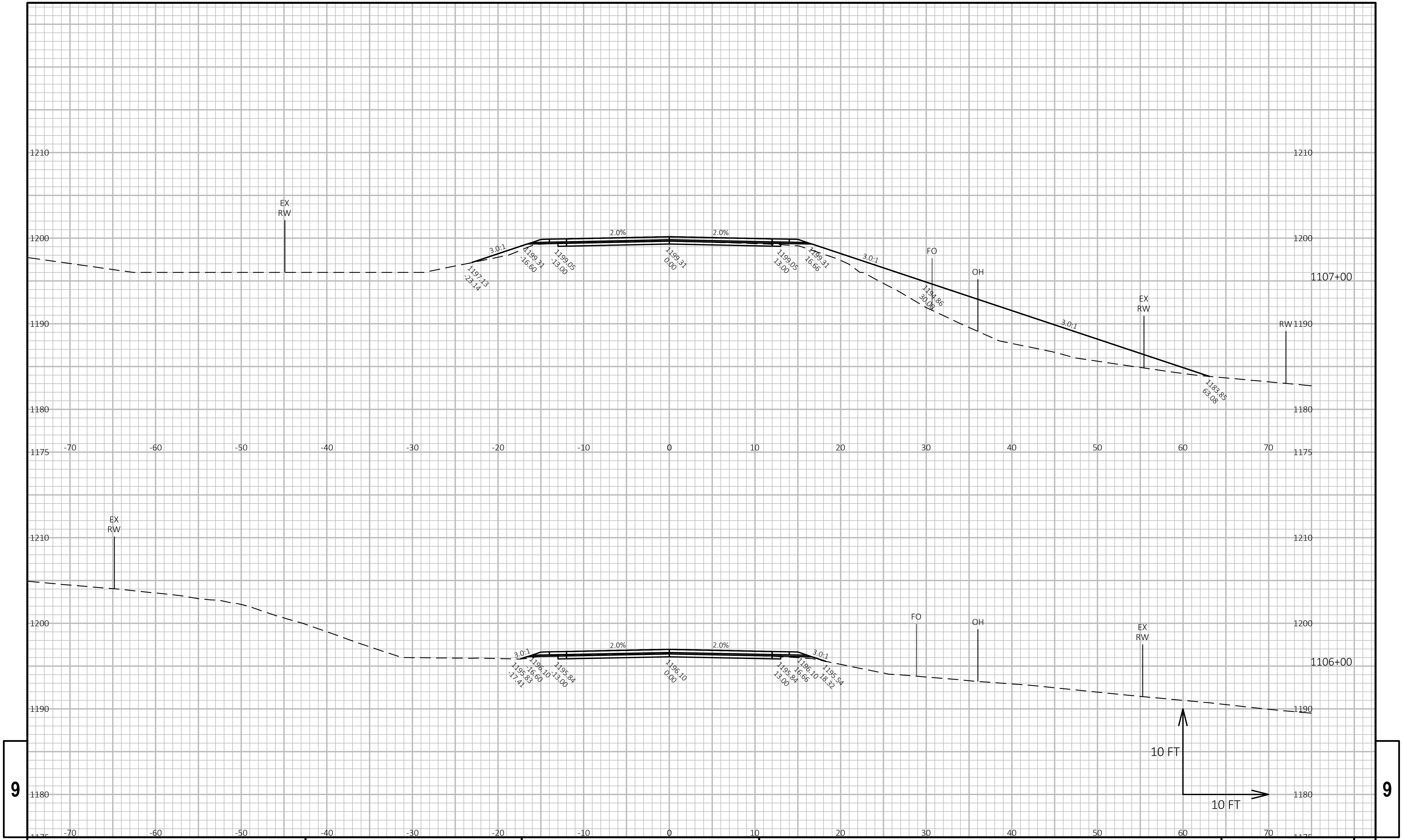
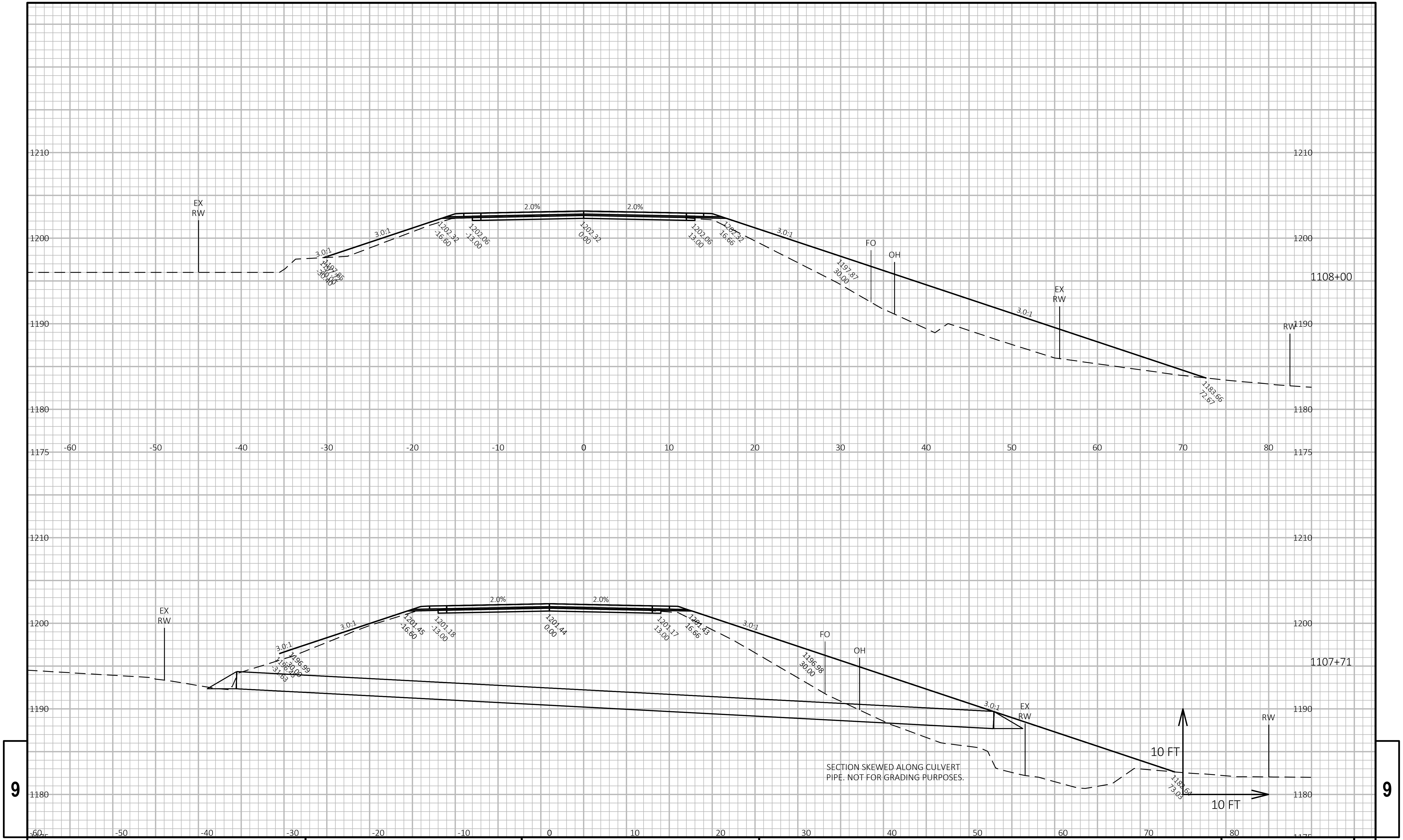
PROJECT NO: 8822-00-71
HWY: CTH P
COUNTY: BARRON
CROSS SECTIONS: CTH P
SHEET 118
E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 38
PLOT DATE : 8/11/2022 7:35 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 119 | E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 39
PLOT DATE : 8/11/2022 7:35 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 120	E

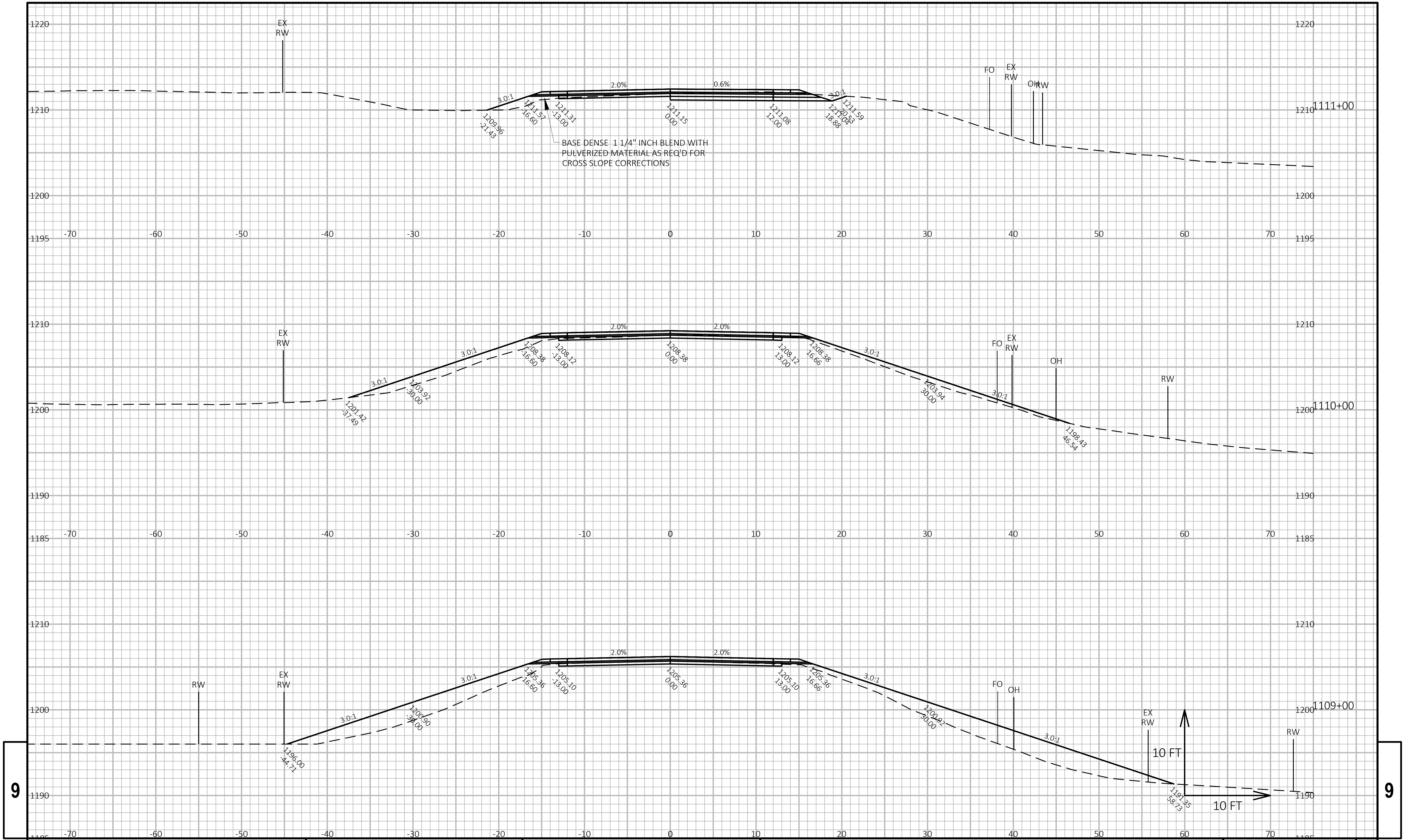
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090202_XS_CTH P.DWG
LAYOUT NAME - 40

PLOT DATE : 8/11/2022 7:35 PM

PLOT BY : DUSTIN SCHUH

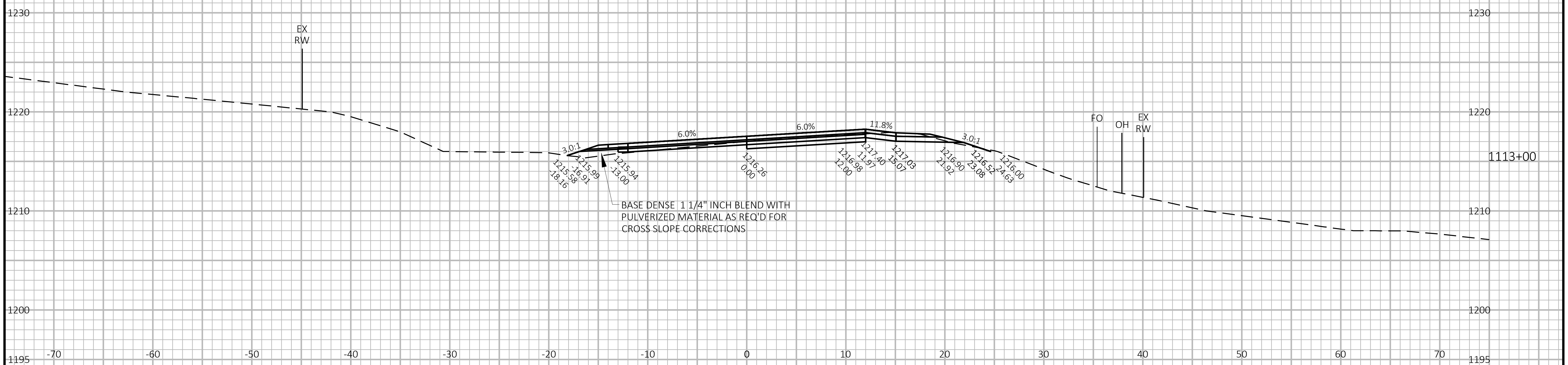
PLOT NAME :

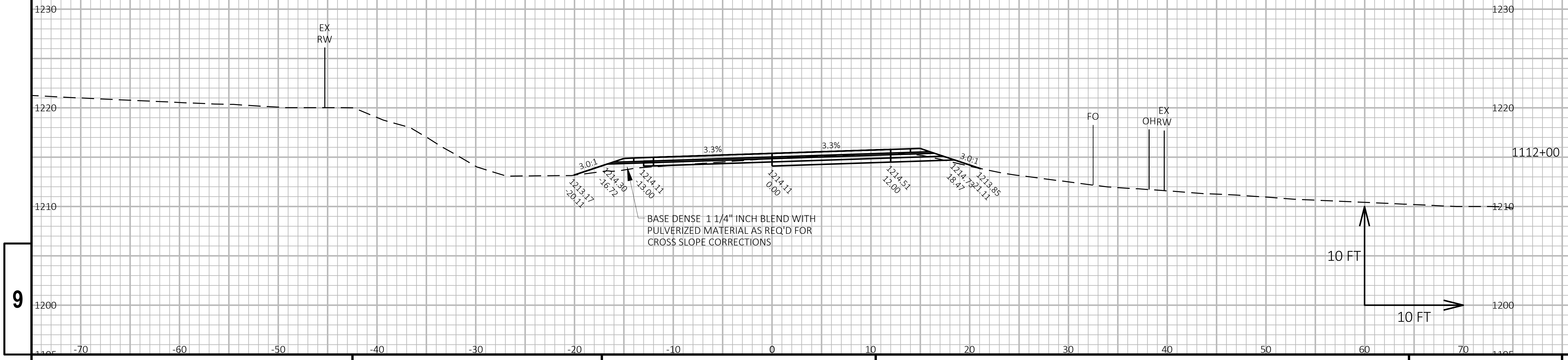
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 41
PLOT DATE : 8/11/2022 7:37 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.





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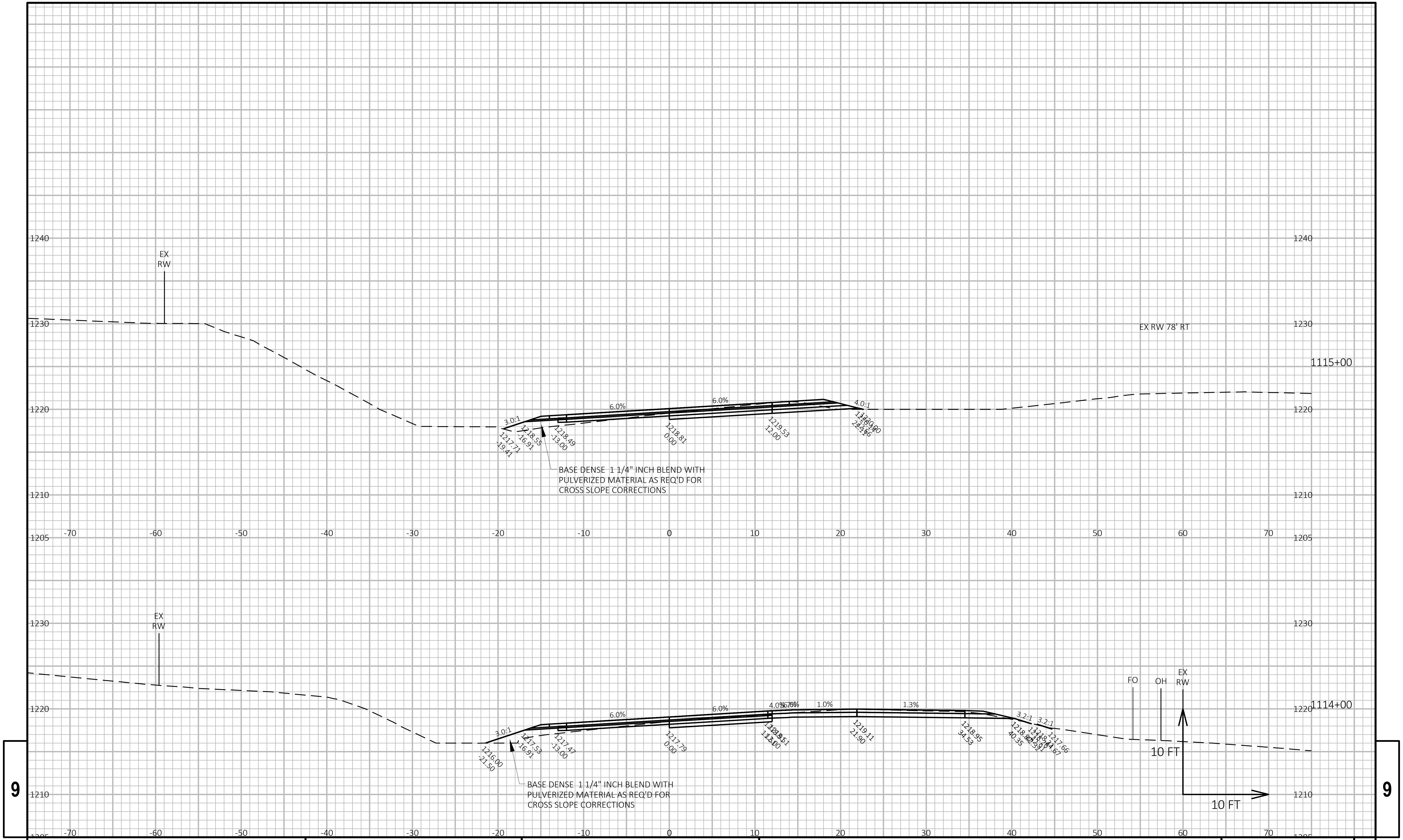
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 122	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 42
PLOT DATE : 8/11/2022 7:38 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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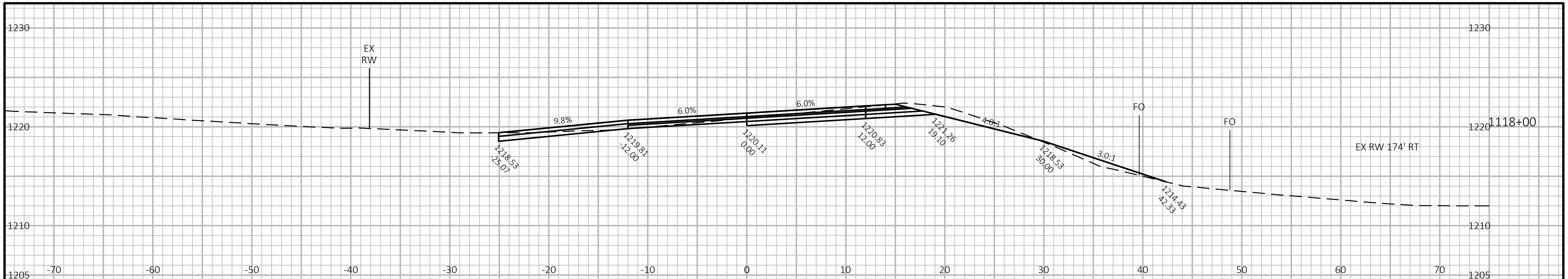
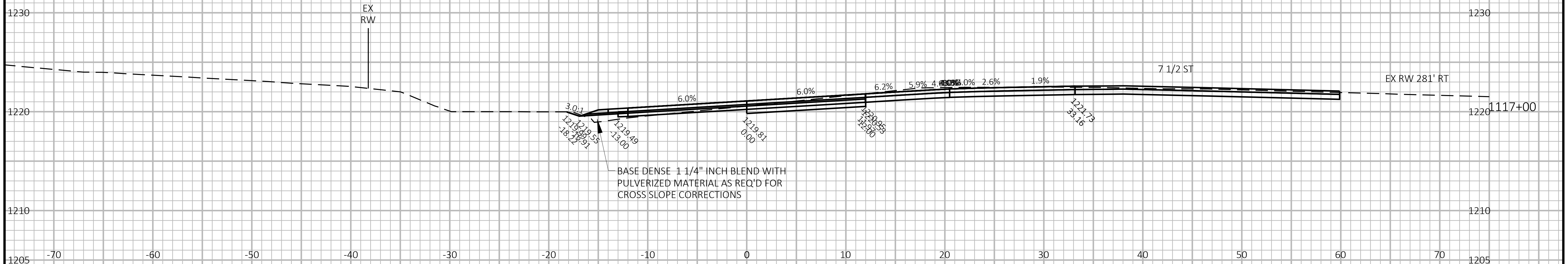
9

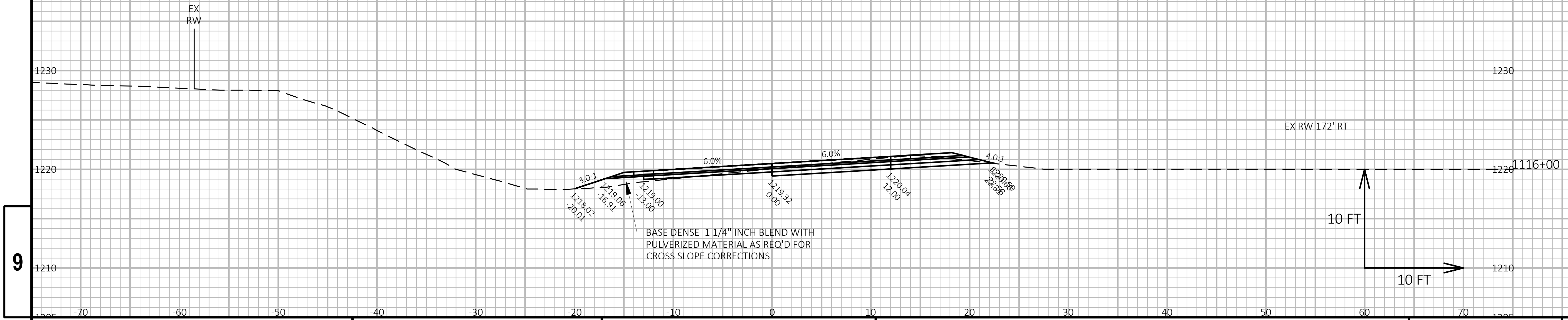
PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 123 | E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 43
PLOT DATE : 8/11/2022 7:38 PM PLOT BY : DUSTIN SCHUH PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.





BASE DENSE 1 1/4" INCH BLEND WITH
PULVERIZED MATERIAL AS REQ'D FOR
CROSS SLOPE CORRECTIONS

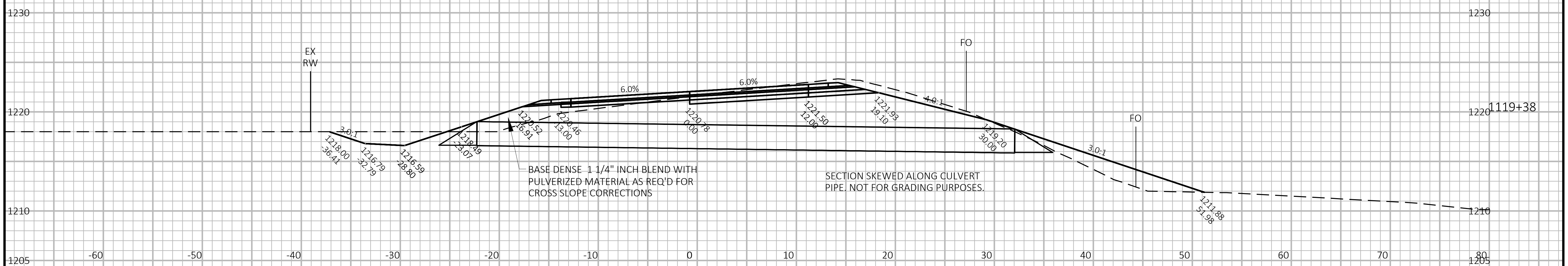


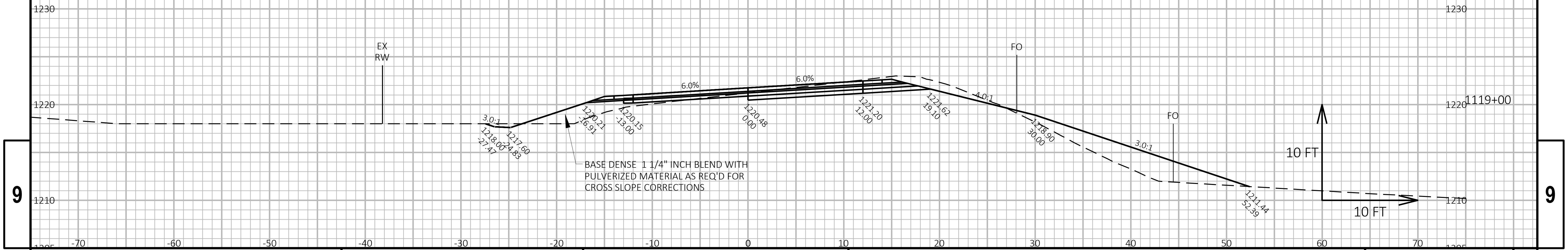
BASE DENSE 1 1/4" INCH BLEND WITH
PULVERIZED MATERIAL AS REQ'D FOR
CROSS SLOPE CORRECTIONS

9

9

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 124 E





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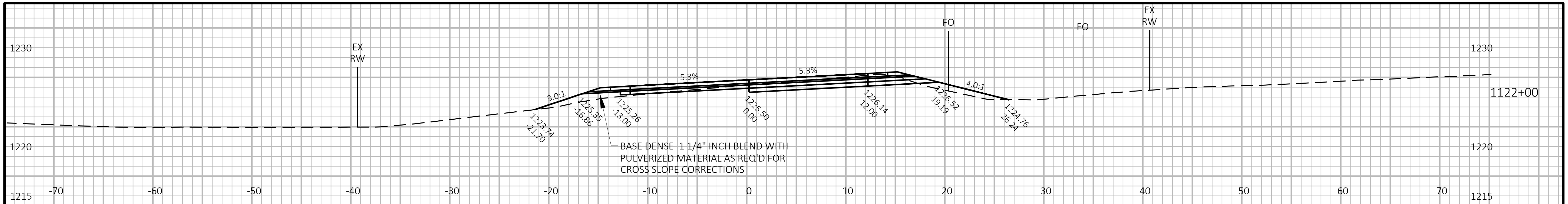
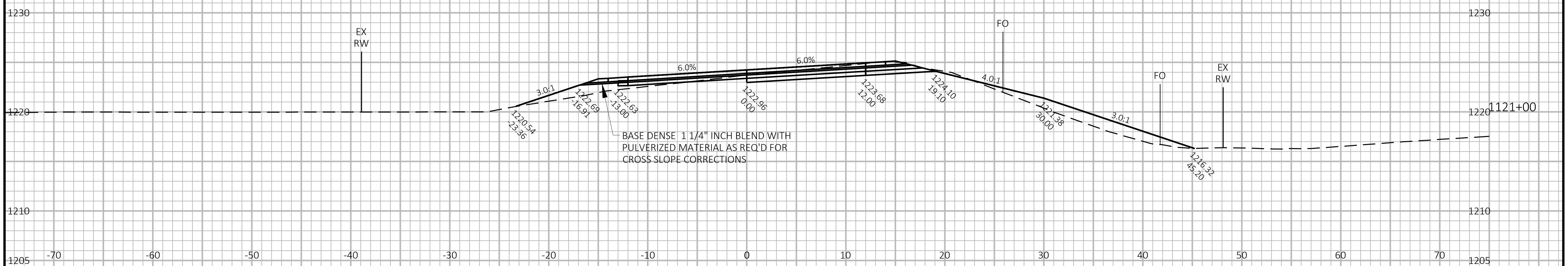
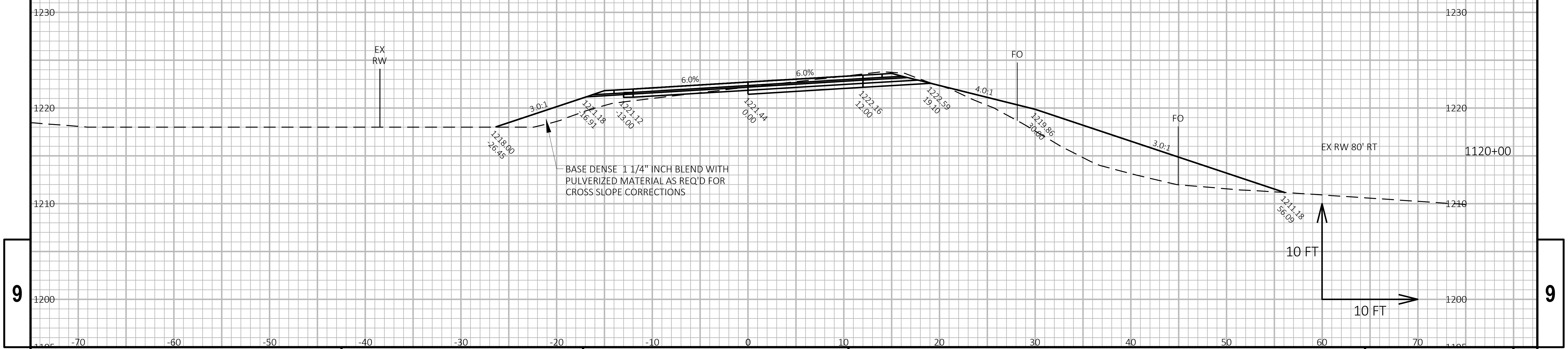
PROJECT NO: 8822-00-71
HWY: CTH P
COUNTY: BARRON
CROSS SECTIONS: CTH P
SHEET

E

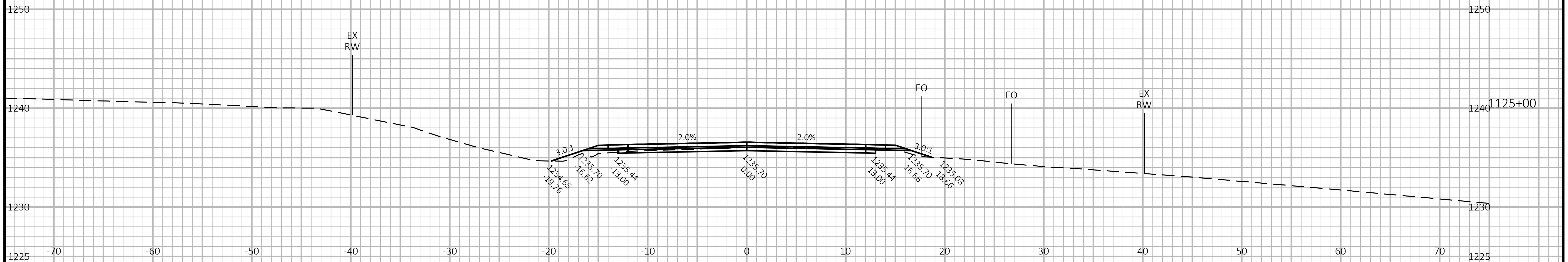
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 45
PLOT DATE : 8/11/2022 7:38 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

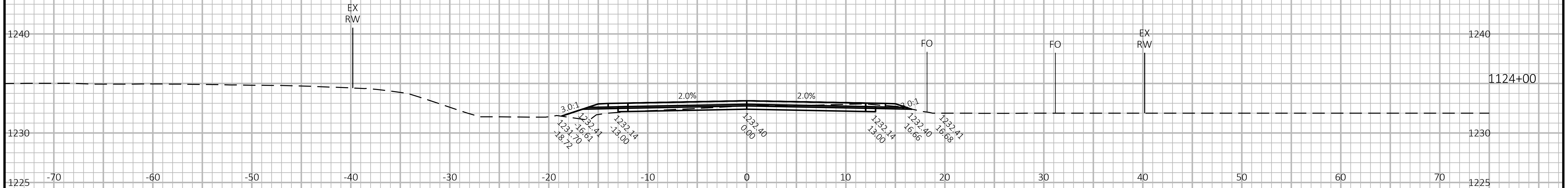


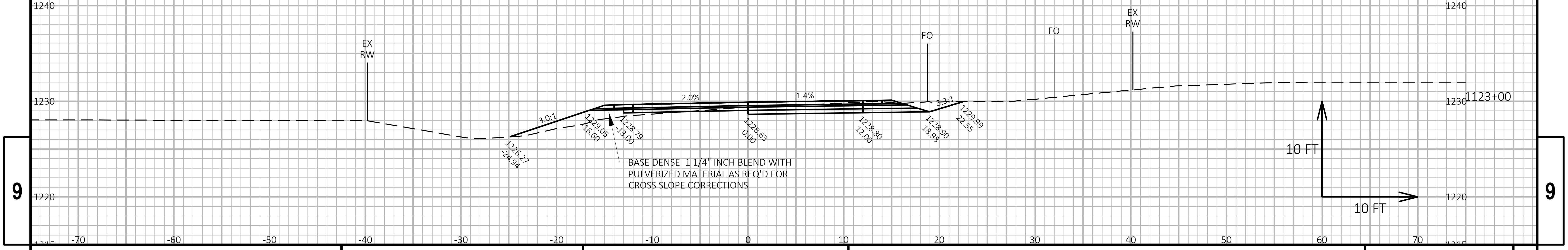




PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 126	E







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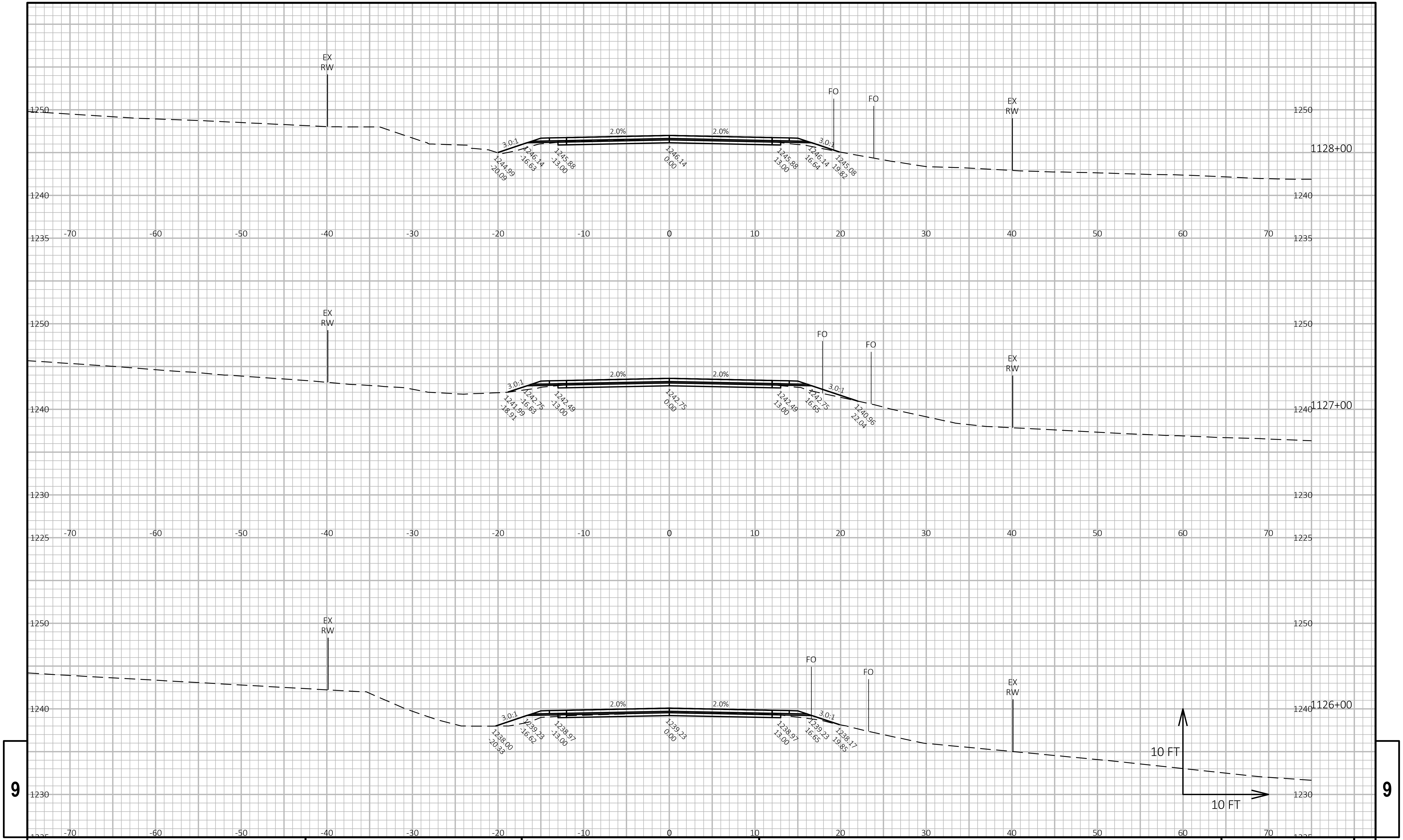
9

PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 127 | E



9

9

PROJECT NO: 8822-00-71

HWY: CTH P

COUNTY: BARRON

CROSS SECTIONS: CTH P

SHEET

E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 48

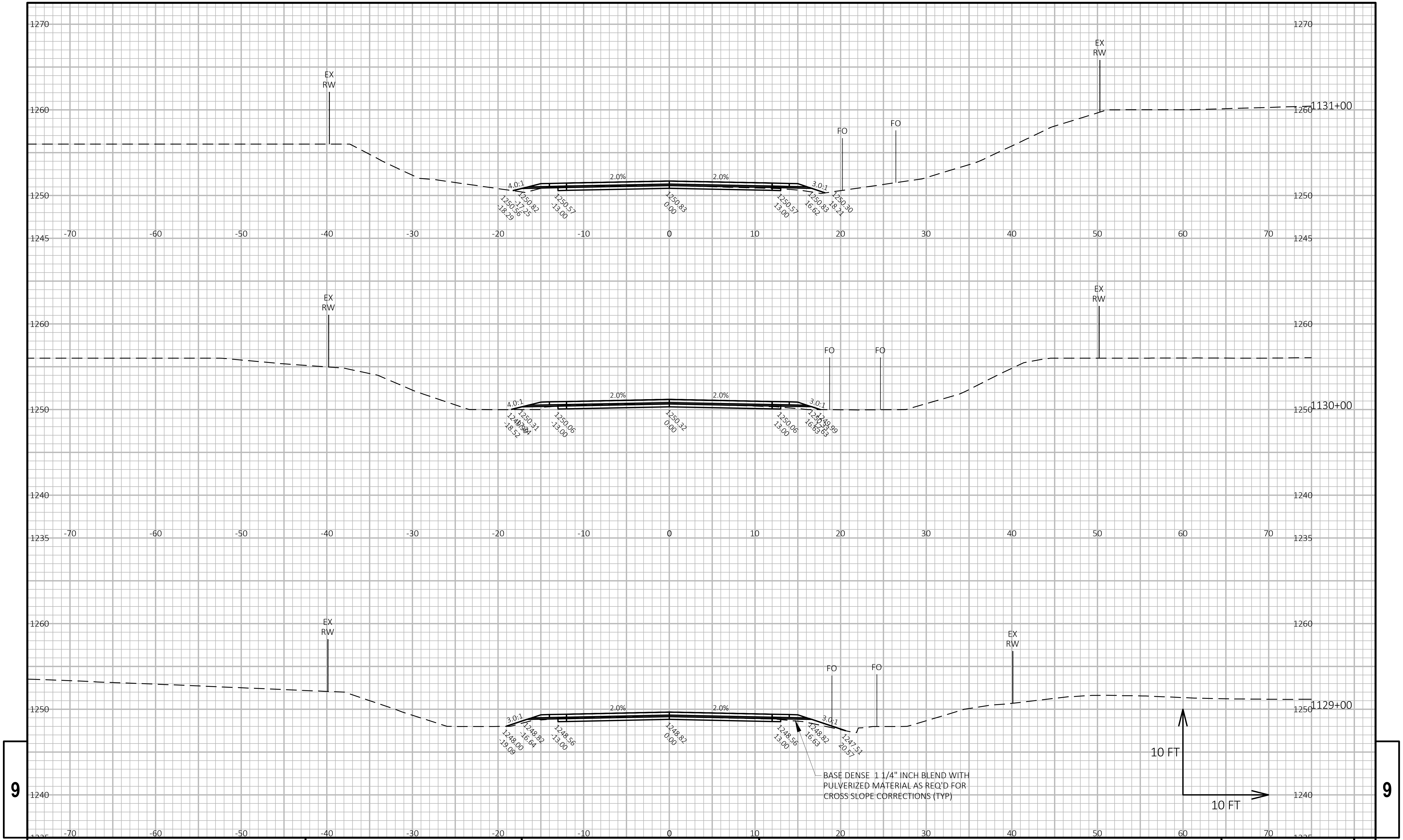
PLOT DATE : 8/11/2022 7:39 PM

PLOT BY : DUSTIN SCHUH

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

9



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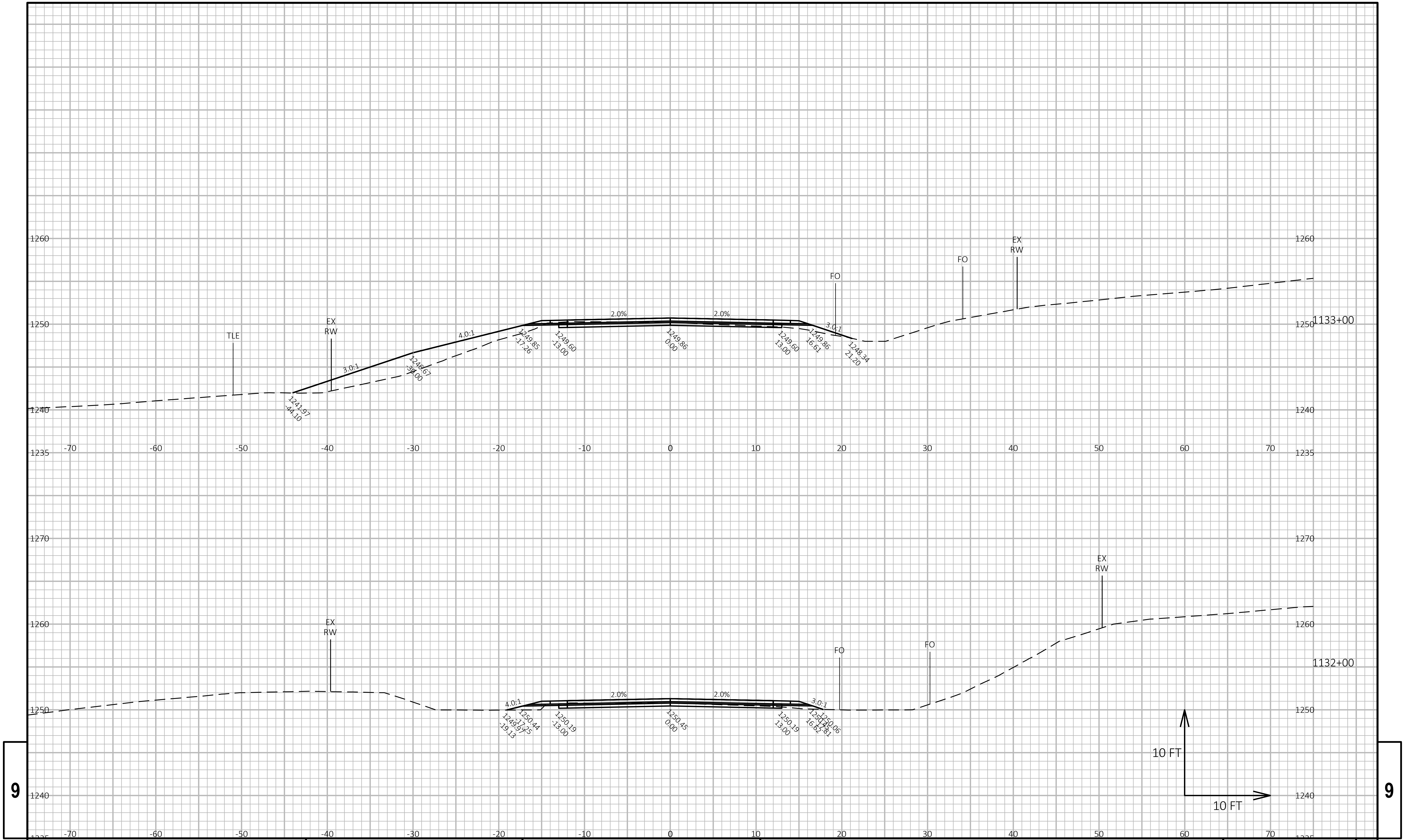
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 49
PLOT DATE : 8/11/2022 7:39 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

9



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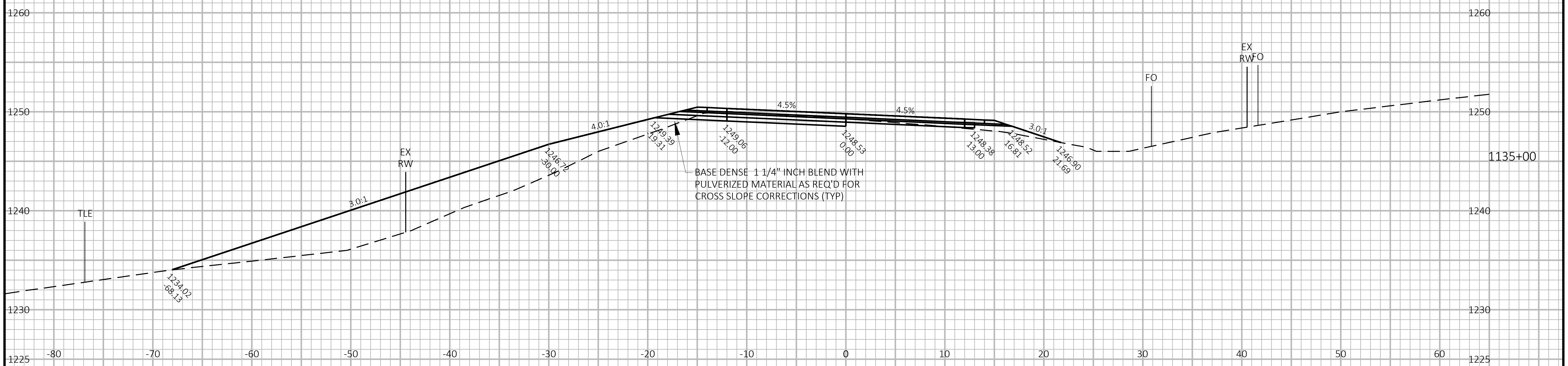
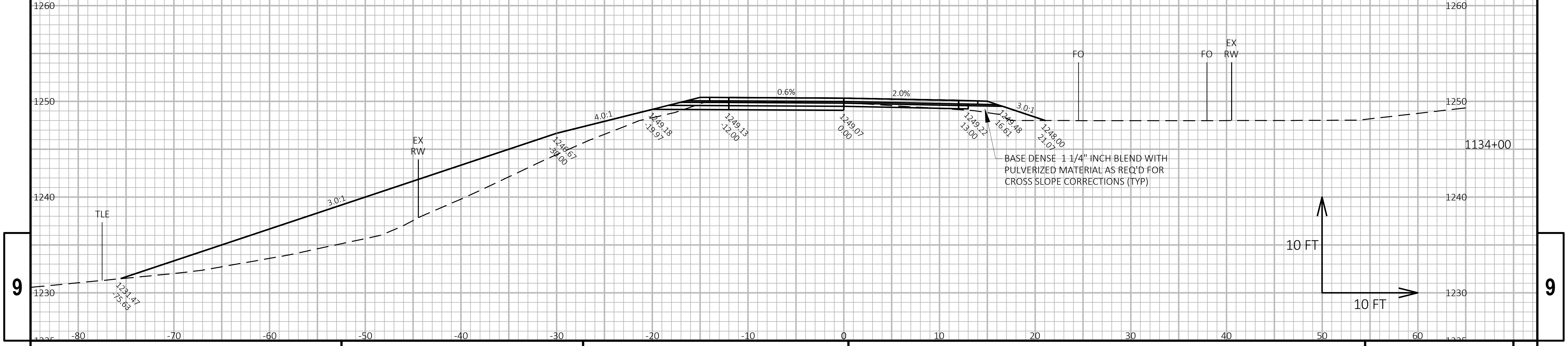
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 130	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 50
PLOT DATE : 8/11/2022 7:39 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49





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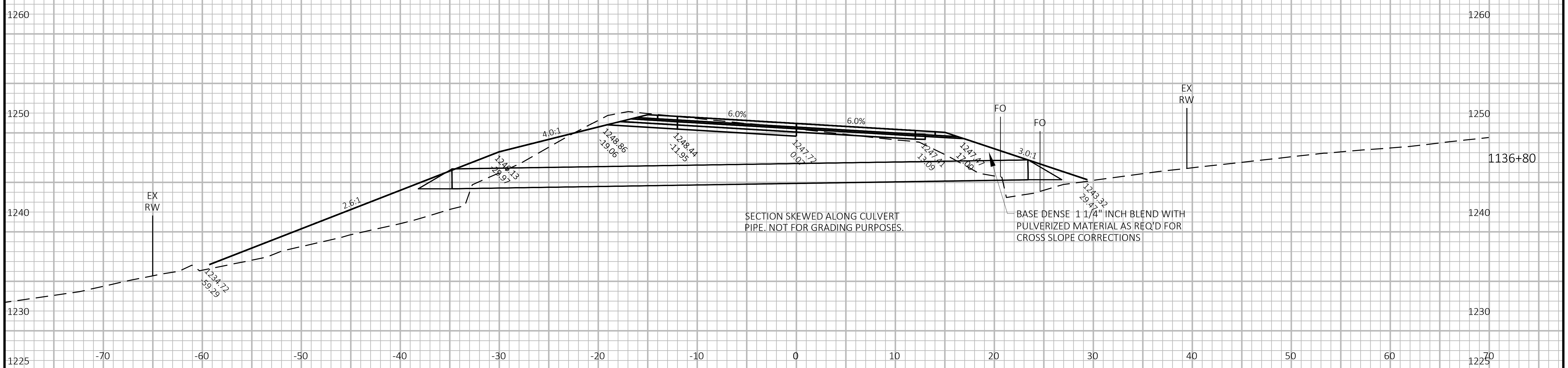
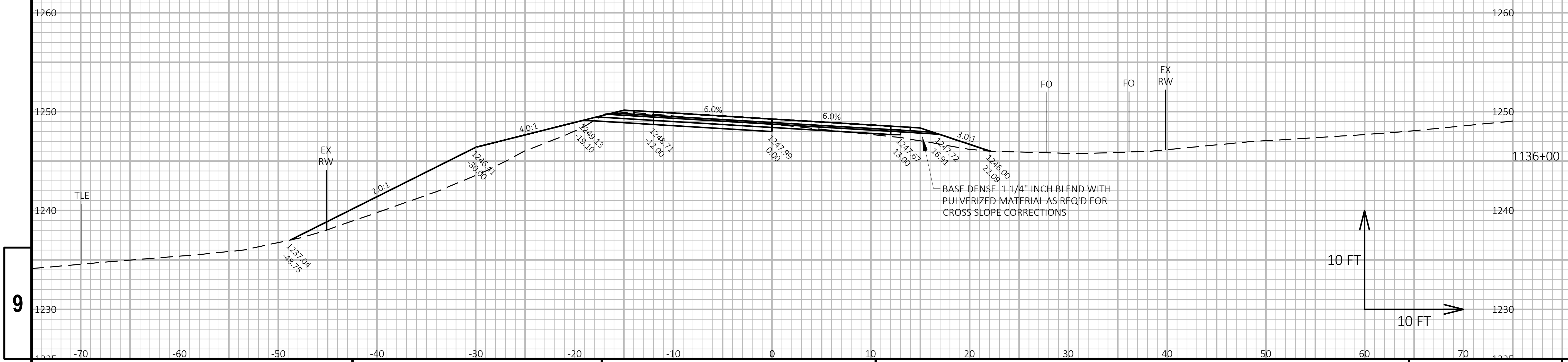
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 131 E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 51
PLOT DATE : 8/11/2022 7:40 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING PURPOSES.

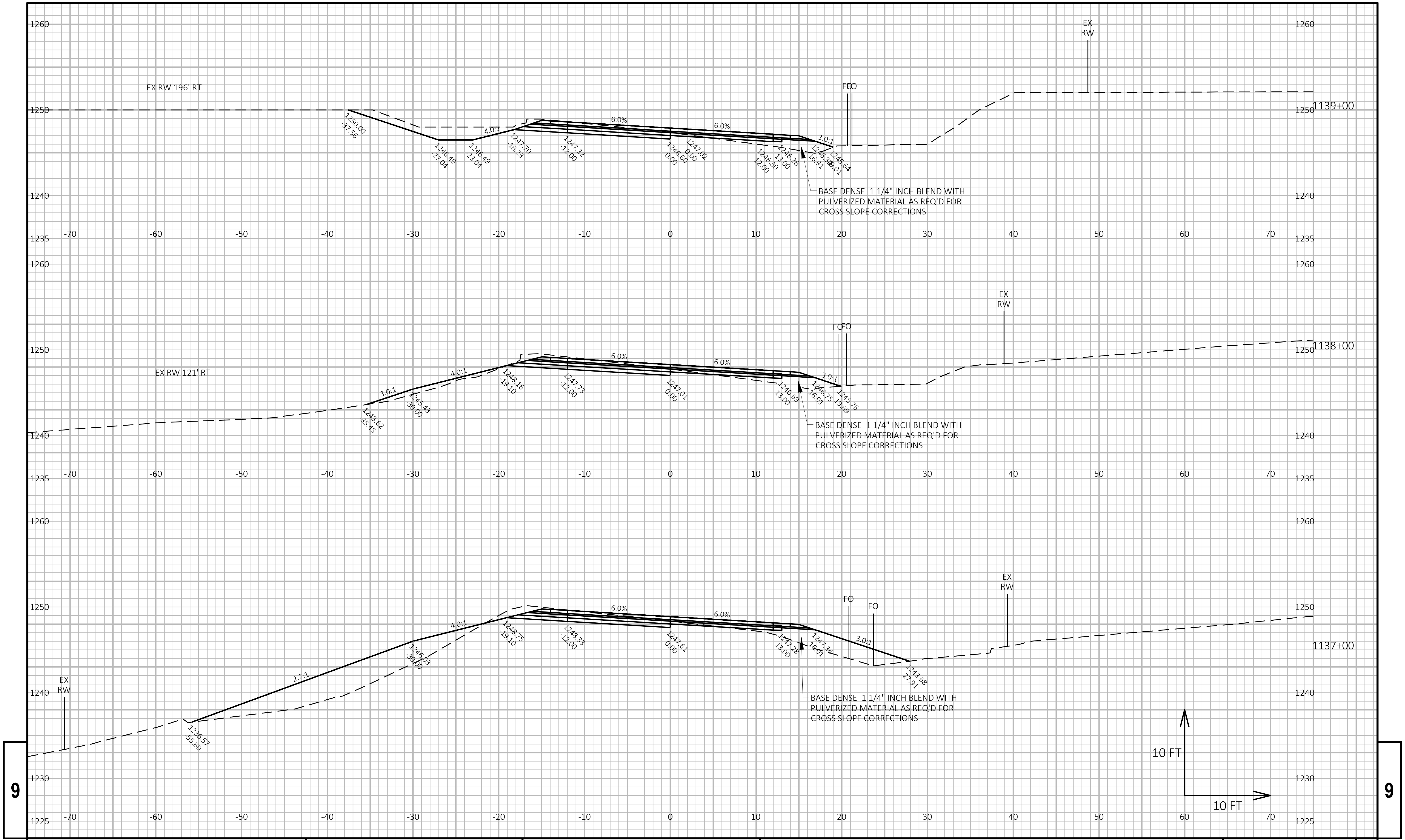
BASE DENSE 1 1/4" INCH BLEND WITH PULVERIZED MATERIAL AS REQ'D FOR CROSS SLOPE CORRECTIONS



BASE DENSE 1 1/4" INCH BLEND WITH PULVERIZED MATERIAL AS REQ'D FOR CROSS SLOPE CORRECTIONS

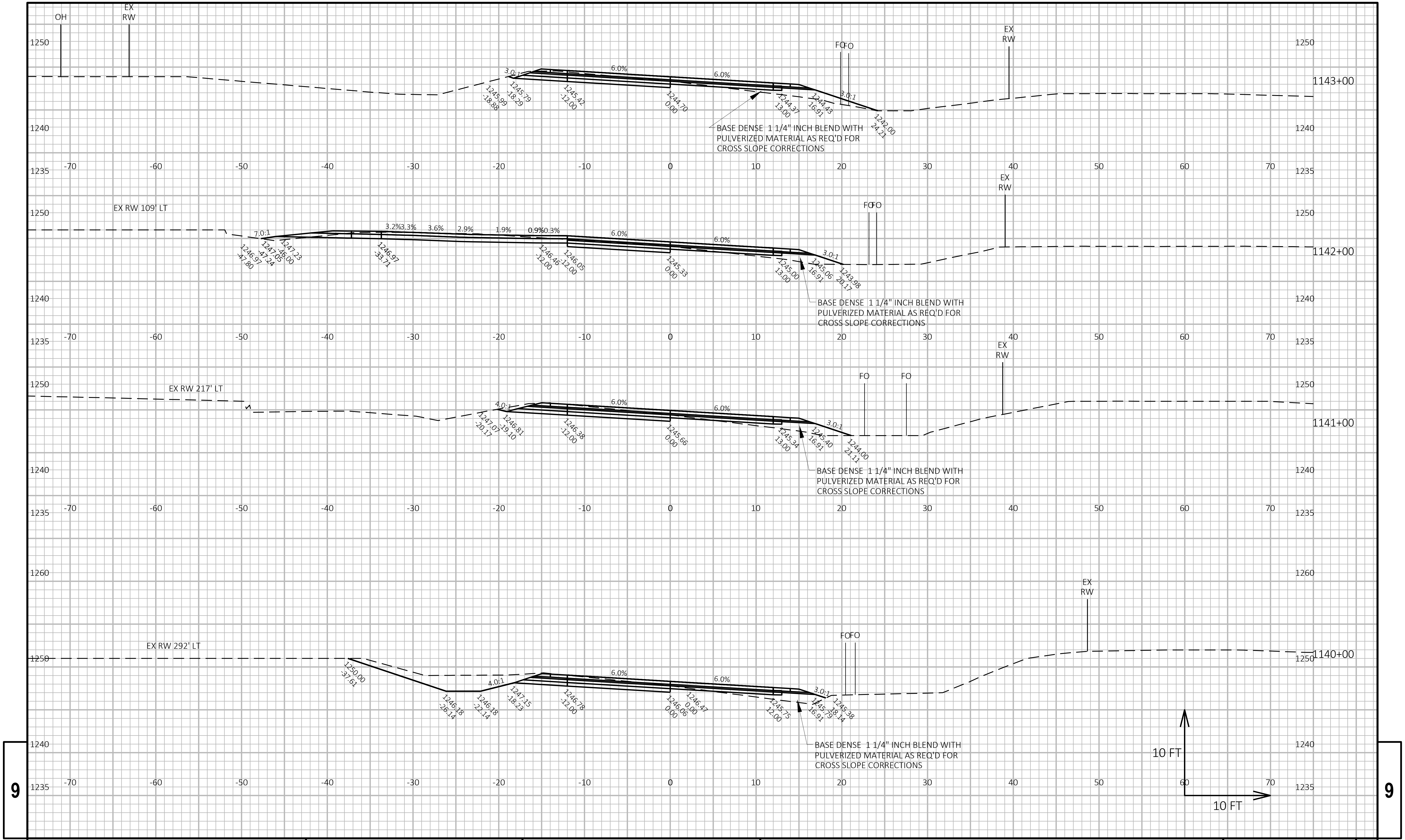
9

9



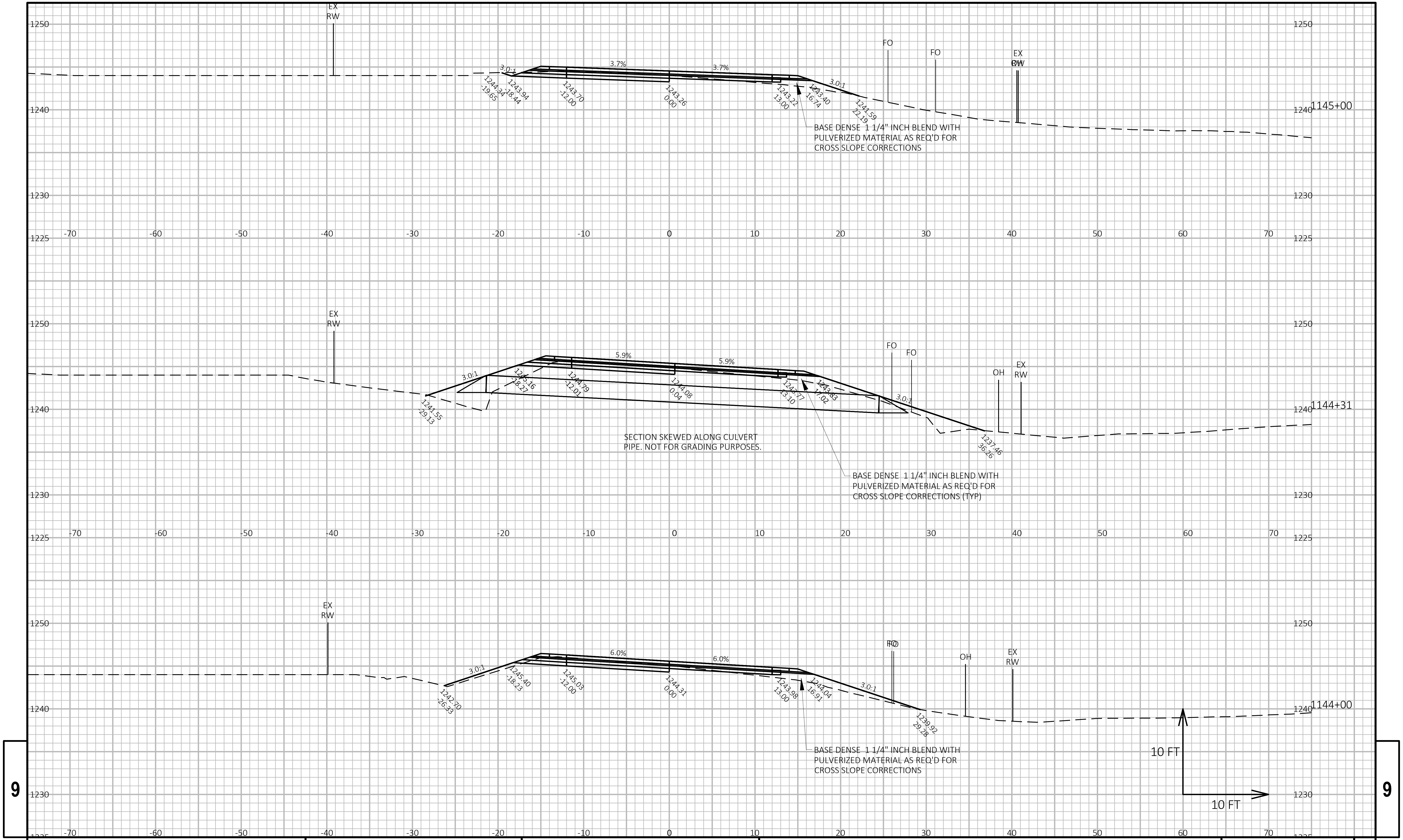
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 133	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 53
PLOT DATE : 8/11/2022 7:40 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 134	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 54
PLOT DATE : 8/11/2022 7:40 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



BASE DENSE 1 1/4" INCH BLEND WITH
PULVERIZED MATERIAL AS REQ'D FOR
CROSS SLOPE CORRECTIONS

SECTION SKEWED ALONG CULVERT
PIPE. NOT FOR GRADING PURPOSES.

BASE DENSE 1 1/4" INCH BLEND WITH
PULVERIZED MATERIAL AS REQ'D FOR
CROSS SLOPE CORRECTIONS (TYP)

BASE DENSE 1 1/4" INCH BLEND WITH
PULVERIZED MATERIAL AS REQ'D FOR
CROSS SLOPE CORRECTIONS

9

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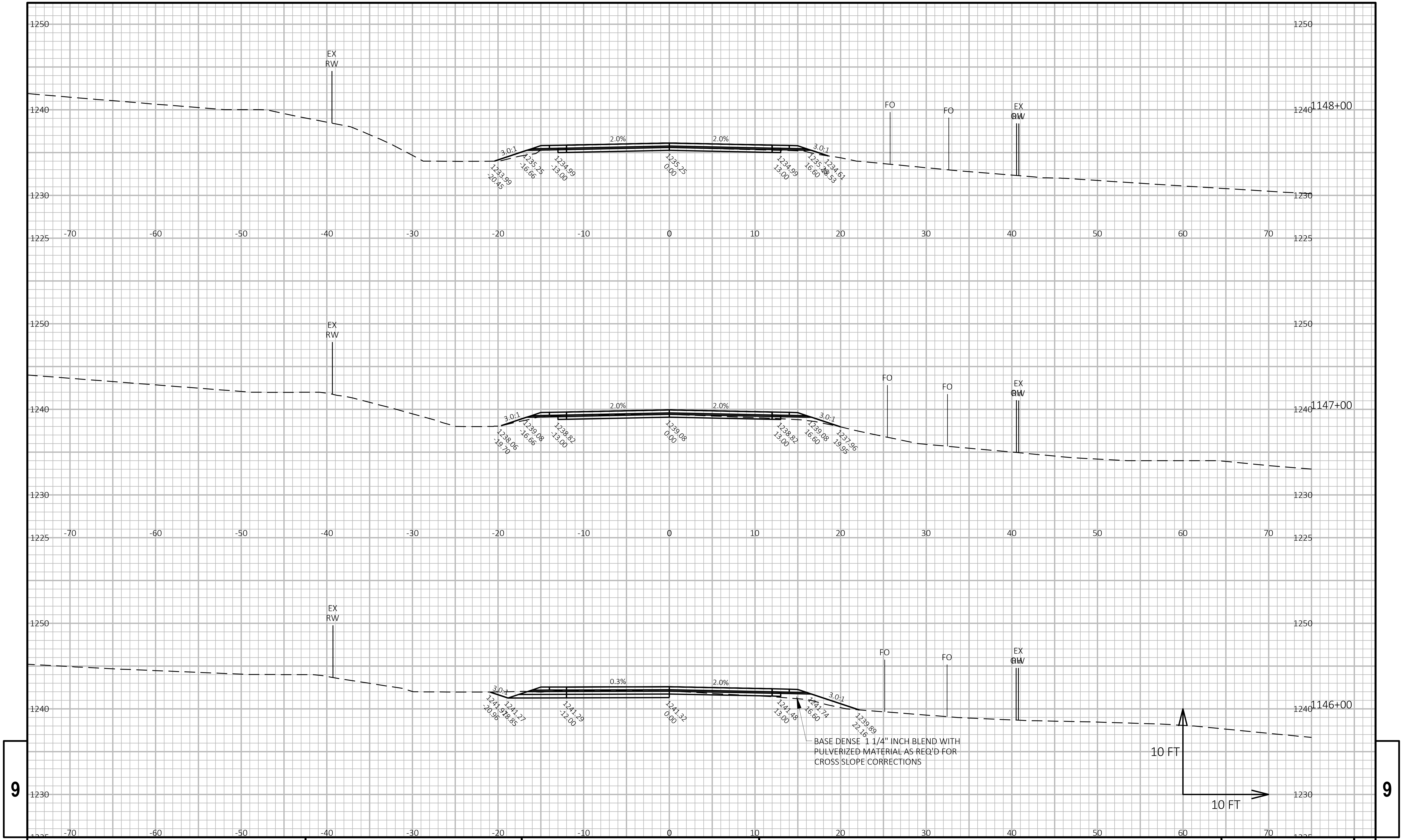
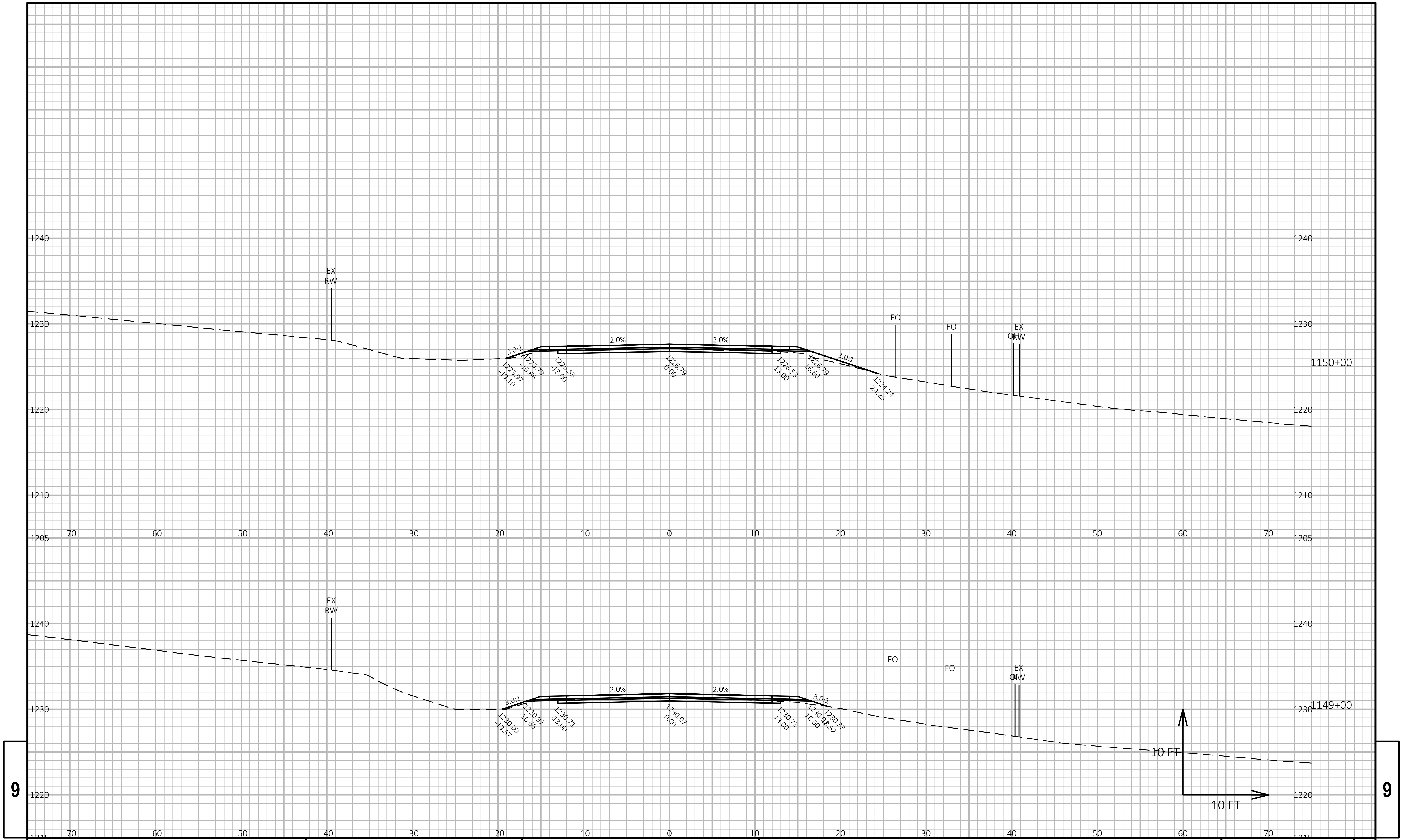
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 135	E



PROJECT NO: 8822-00-71
HWY: CTH P
COUNTY: BARRON
CROSS SECTIONS: CTH P
SHEET 136
E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 56
PLOT DATE : 8/11/2022 7:41 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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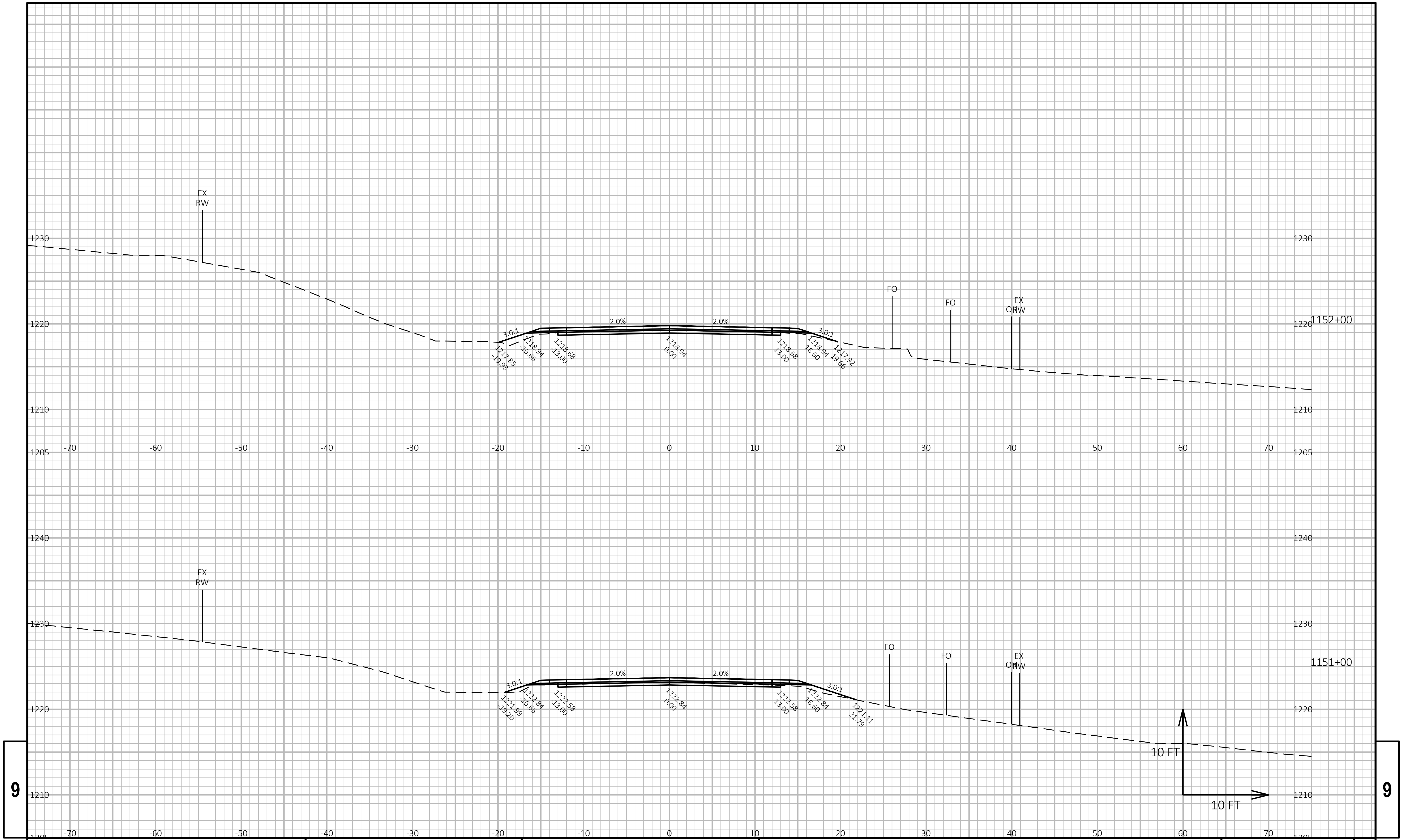
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 137	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 57
PLOT DATE : 8/11/2022 7:41 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



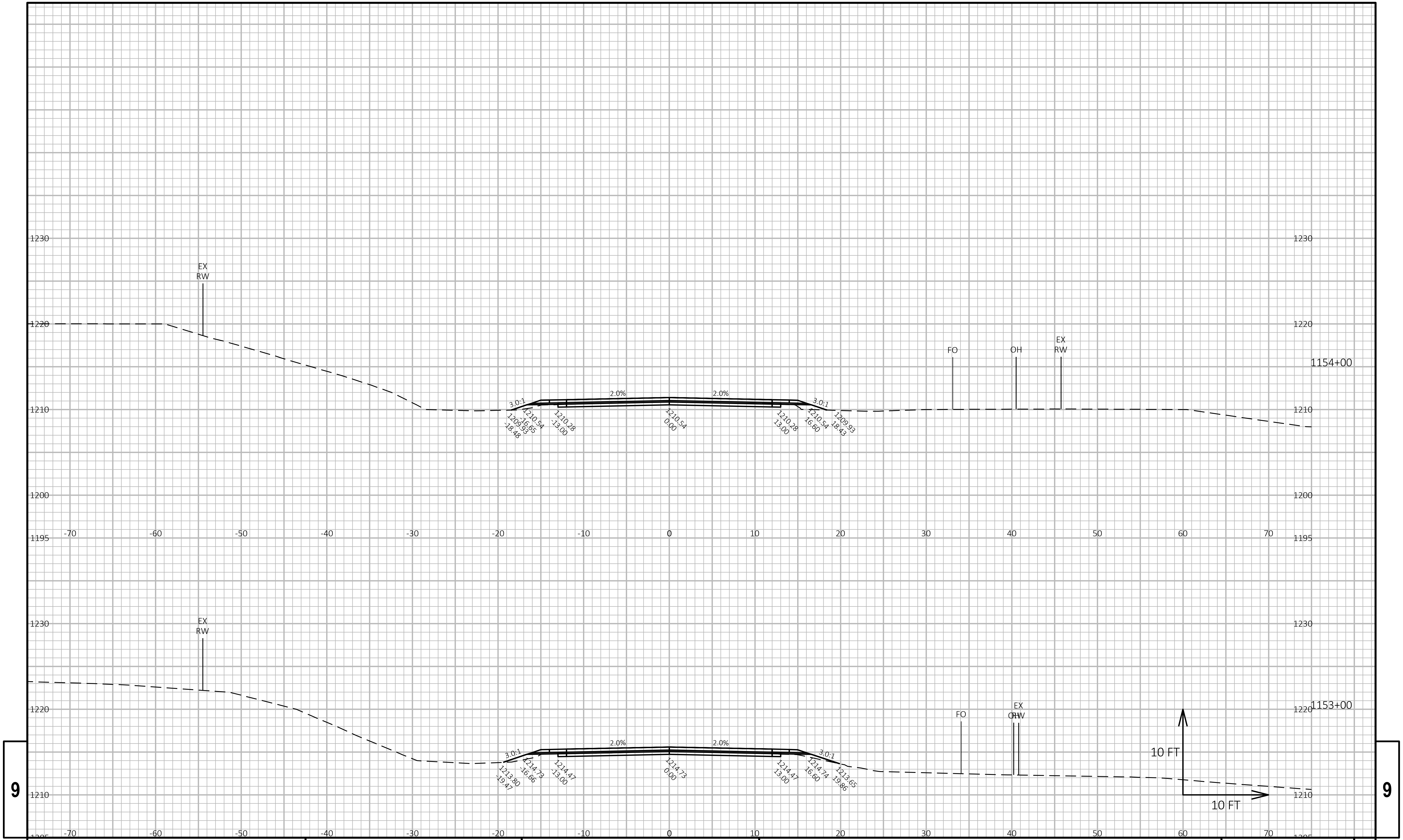
9

9

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 138	E

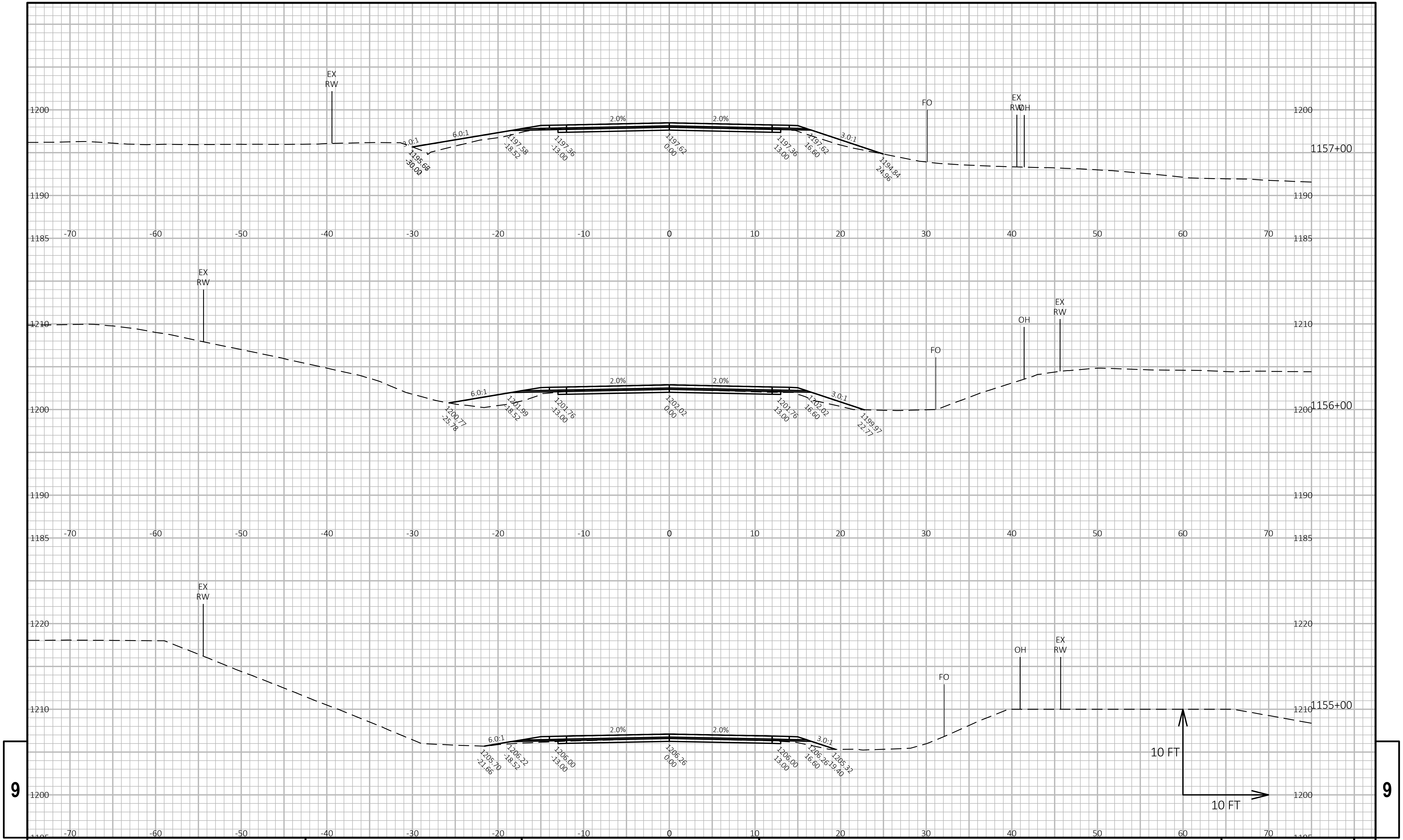
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 58

PLOT DATE : 8/11/2022 7:41 PM PLOT BY : DUSTIN SCHUH PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 139 | E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090203_XS_CTH P.DWG
LAYOUT NAME - 59
PLOT DATE : 8/11/2022 7:41 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 8822-00-71

HWY: CTH P

COUNTY: BARRON

CROSS SECTIONS: CTH P

SHEET

E

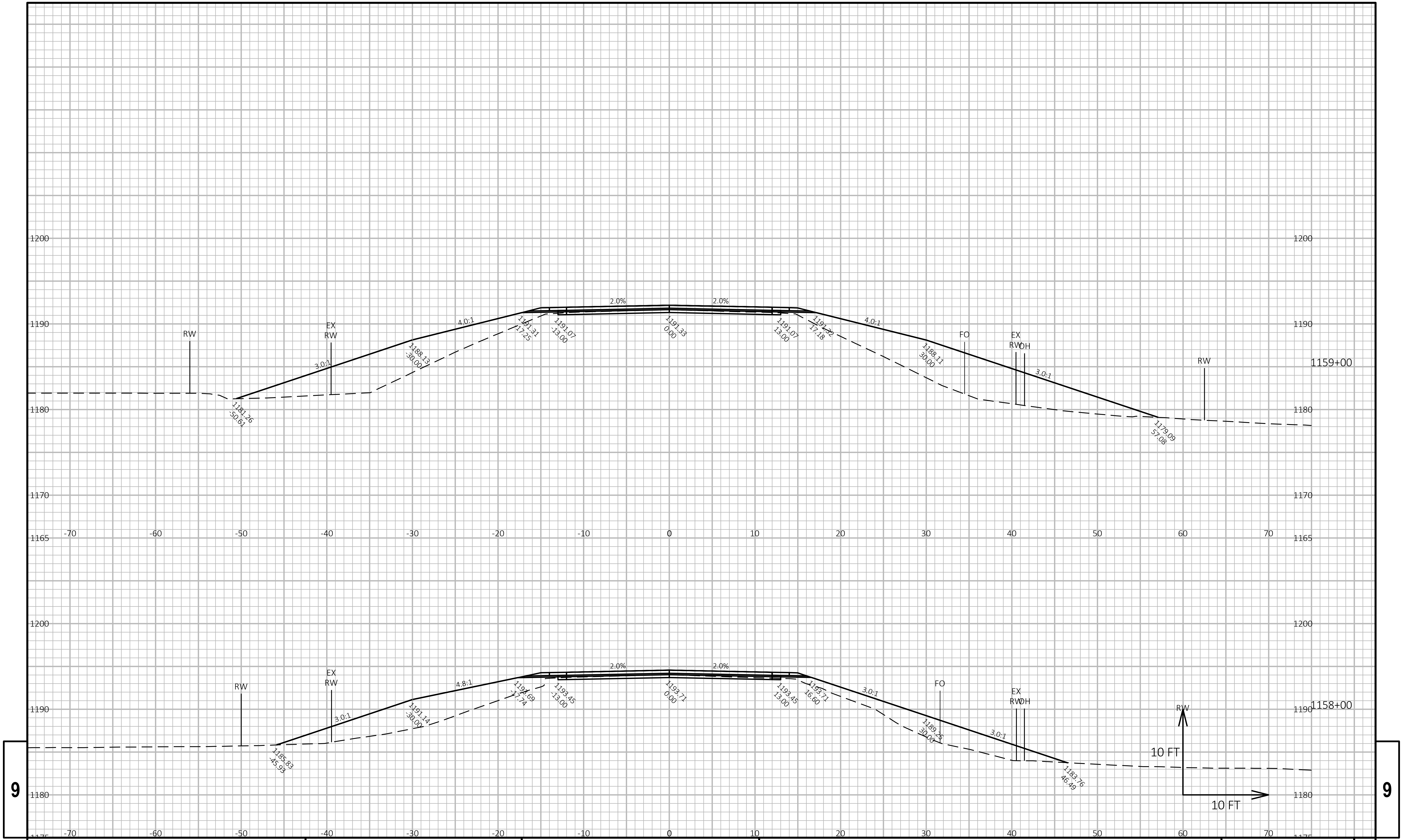
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 60

PLOT DATE : 8/11/2022 7:43 PM

PLOT BY : DUSTIN SCHUH

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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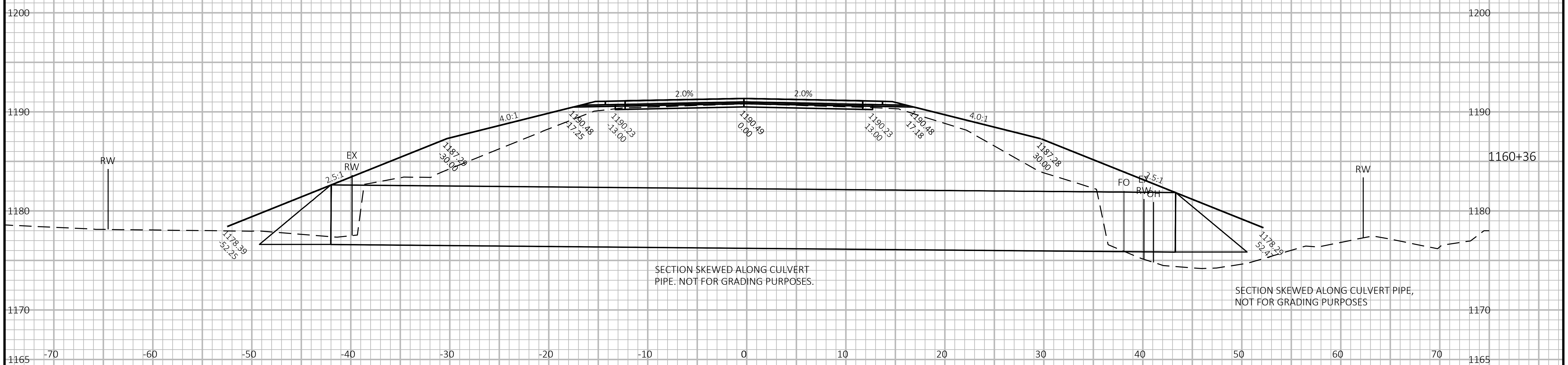
PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 141 | E

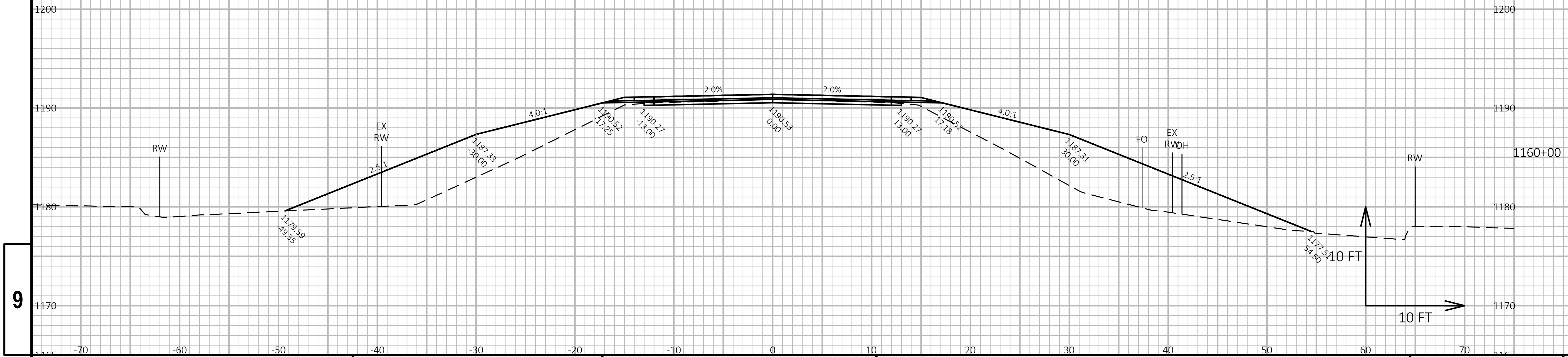
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 61
PLOT DATE : 8/11/2022 7:43 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

9



SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING PURPOSES.

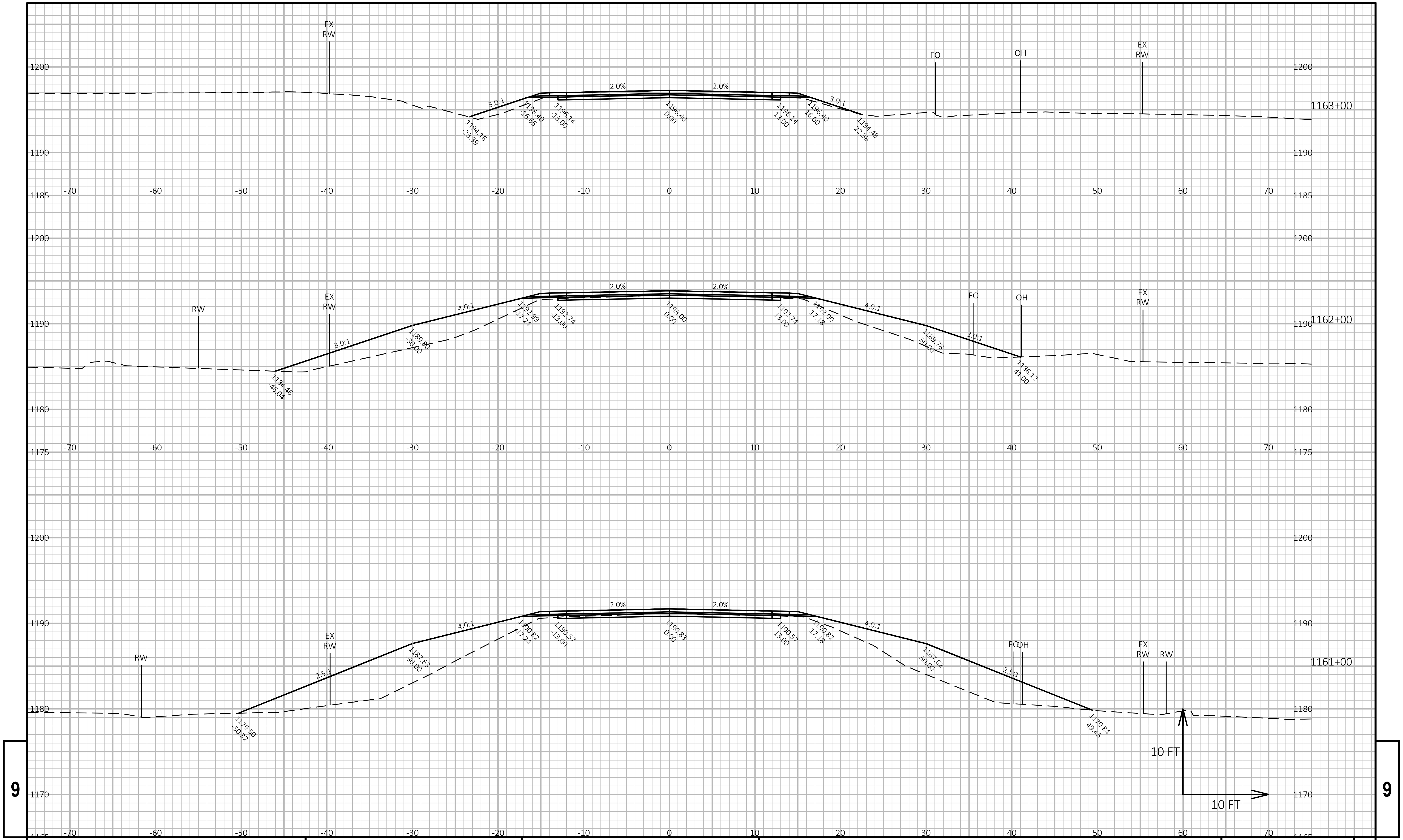
SECTION SKEWED ALONG CULVERT PIPE, NOT FOR GRADING PURPOSES

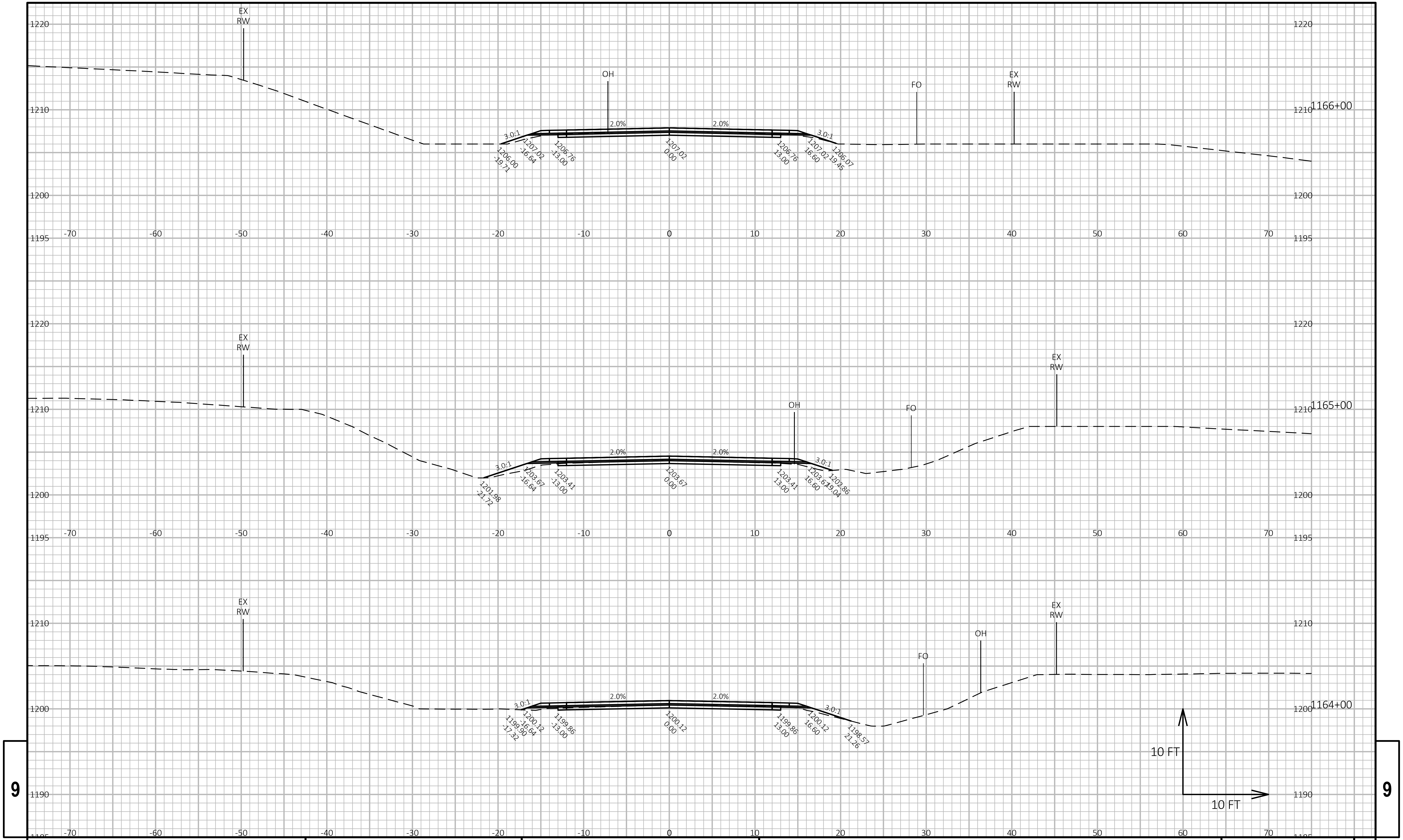


9

PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 142 | E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 62
PLOT DATE : 8/11/2022 7:44 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49


EX RW
FO
OH
EX RW
2.0%
2.0%
3.0:1
3.0:1
1194.16 -23.39
1196.40 -16.65
1196.14 -13.00
1196.40 0.00
1196.14 13.00
1196.40 16.60
1194.48 22.38
1163+00
1200
1190
1185
-70
-60
-50
-40
-30
-20
-10
0
10
20
30
40
50
60
70
RW
EX RW
FO
OH
EX RW
2.0%
2.0%
4.0:1
4.0:1
3.0:1
3.0:1
1184.46 -46.04
1189.80 -30.00
1192.99 -17.24
1192.74 -13.00
1193.00 0.00
1192.74 13.00
1192.99 17.18
1189.78 30.00
1186.12 41.00
1162+00
1200
1190
1180
1175
RW
EX RW
FO
OH
EX RW
RW
2.0%
2.0%
4.0:1
4.0:1
2.5:1
2.5:1
1179.50 -50.32
1187.63 -30.00
1190.82 -17.24
1190.57 -13.00
1190.83 0.00
1190.57 13.00
1190.82 17.18
1187.62 30.00
1179.84 49.45
1161+00
1200
1190
1180
1170
10 FT
10 FT
9
9



9

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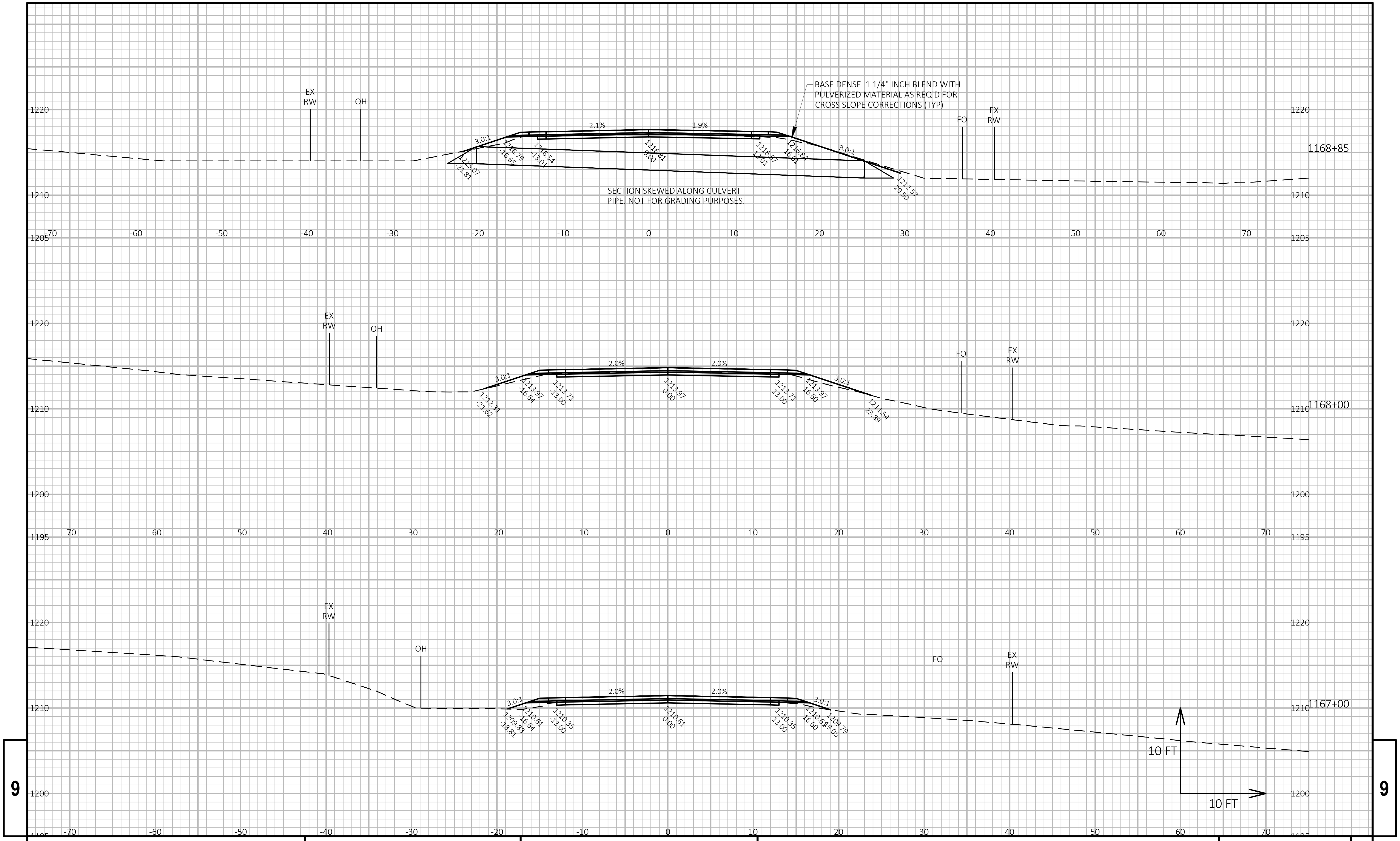
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 144	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 64
PLOT DATE : 8/11/2022 7:44 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 145 E

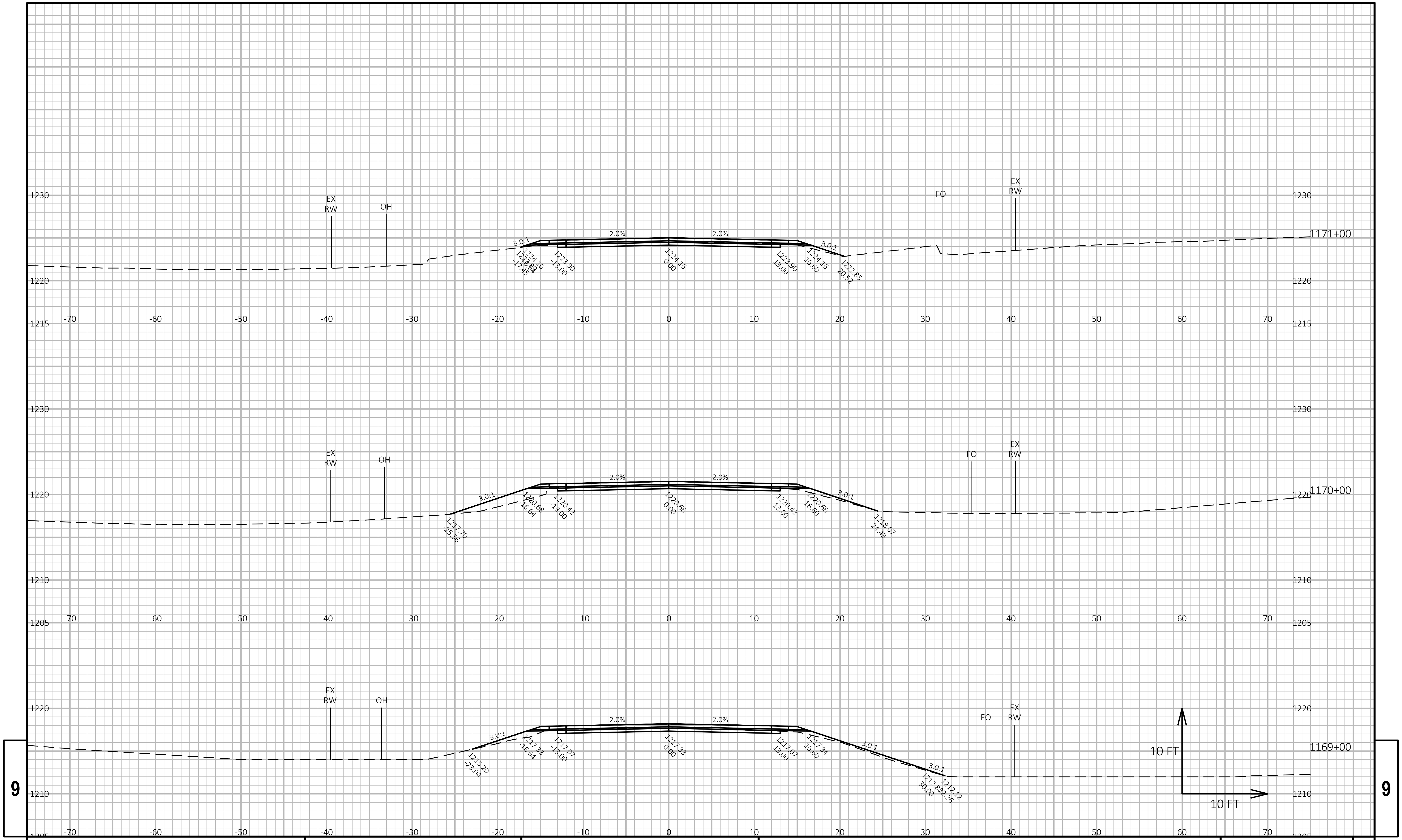
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 65

PLOT DATE : 8/11/2022 7:44 PM

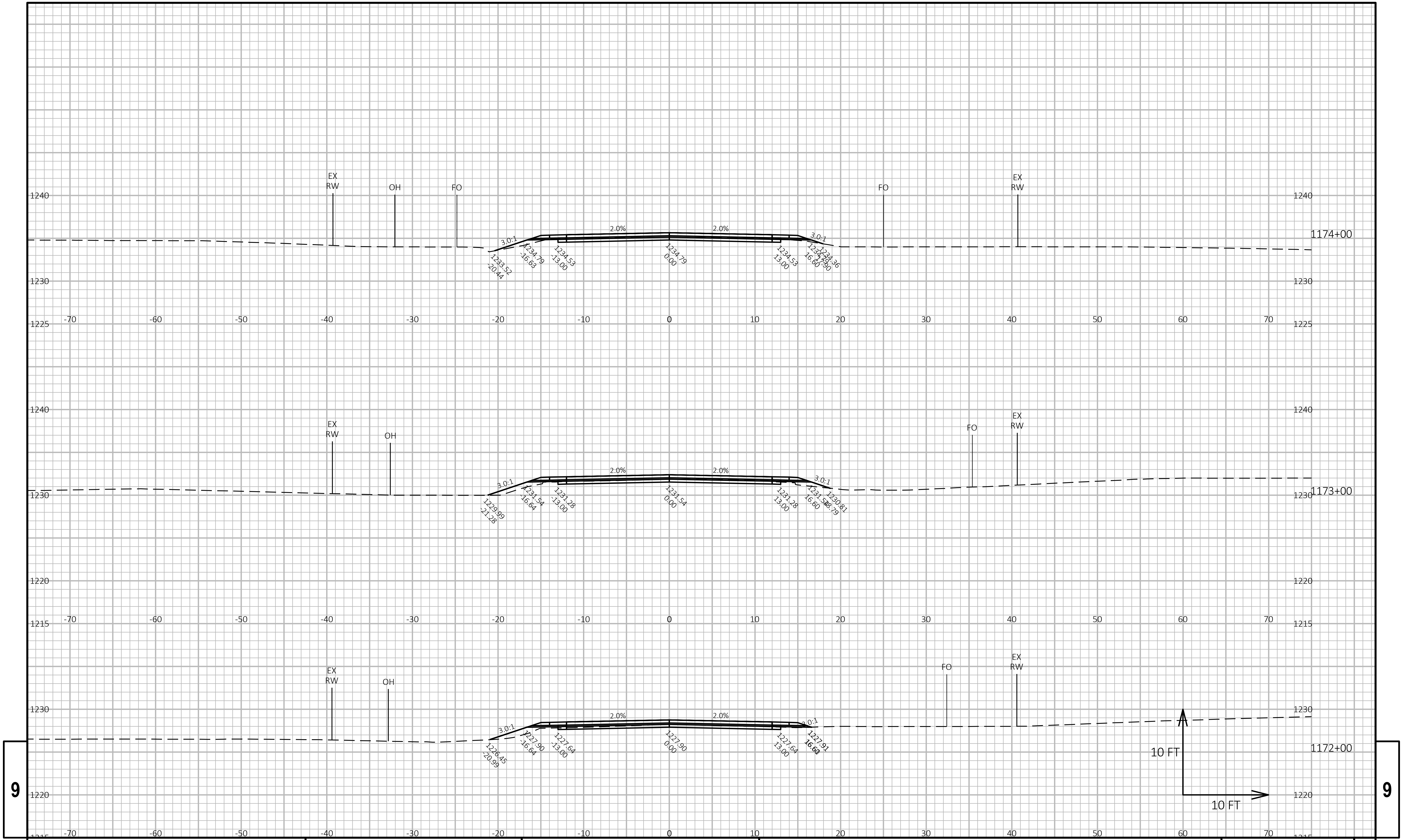
PLOT BY : DUSTIN SCHUH

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 146	E



9

9

PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 147	E

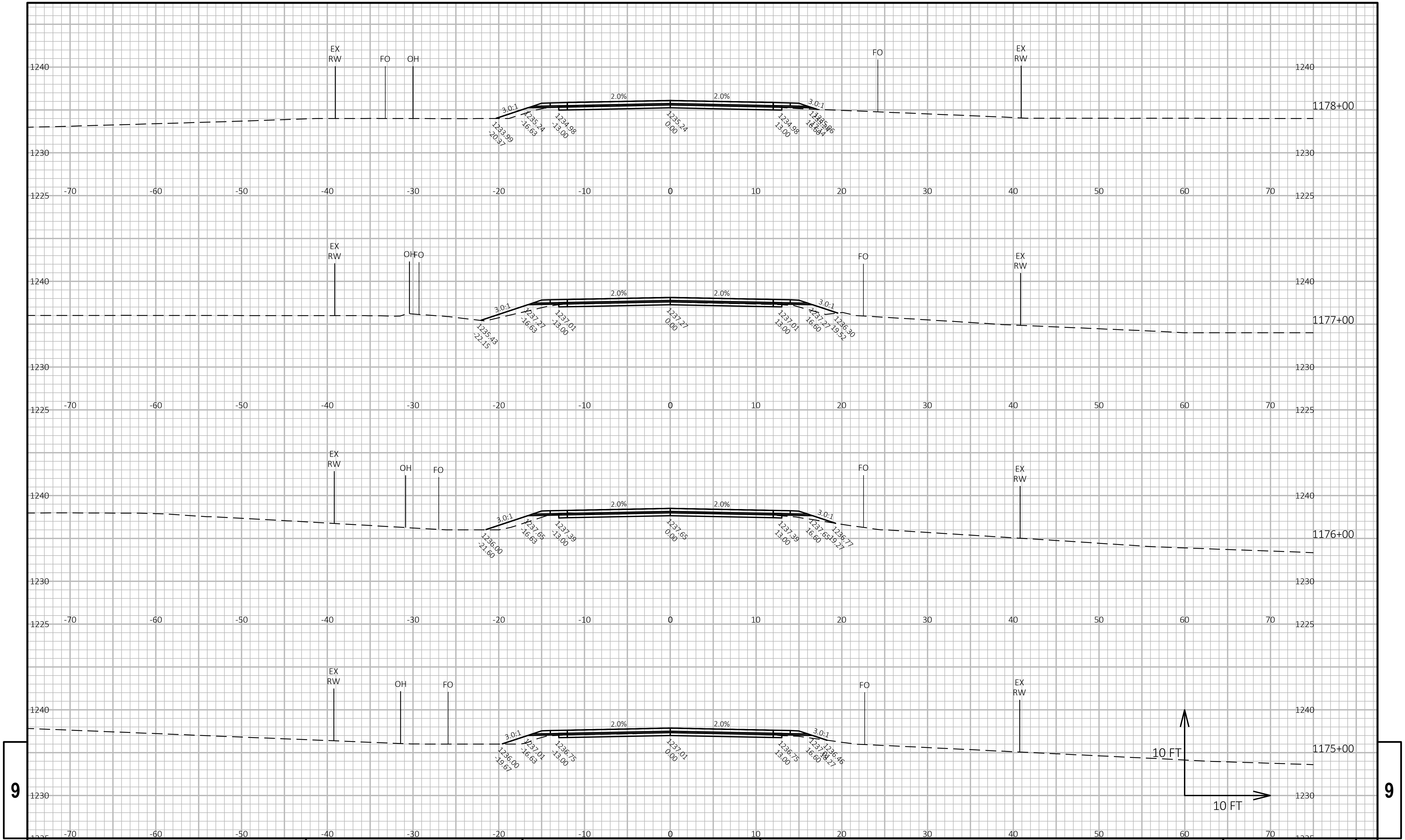
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 67

PLOT DATE : 8/11/2022 7:45 PM

PLOT BY : DUSTIN SCHUH

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 148 | E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 68

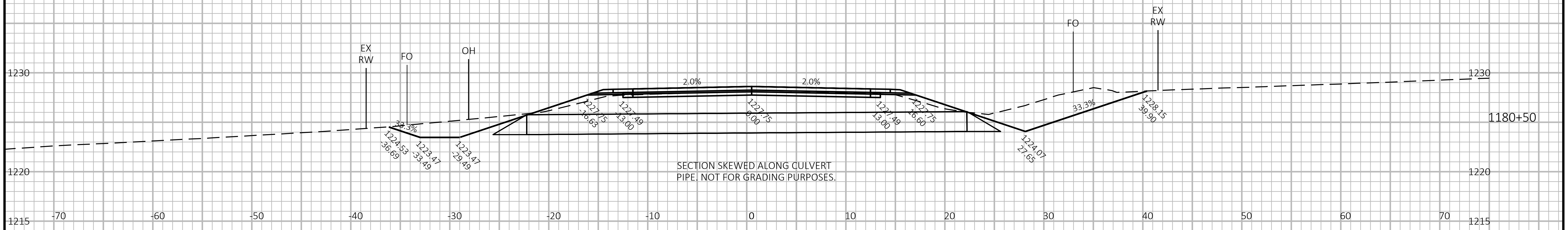
PLOT DATE : 8/11/2022 7:45 PM

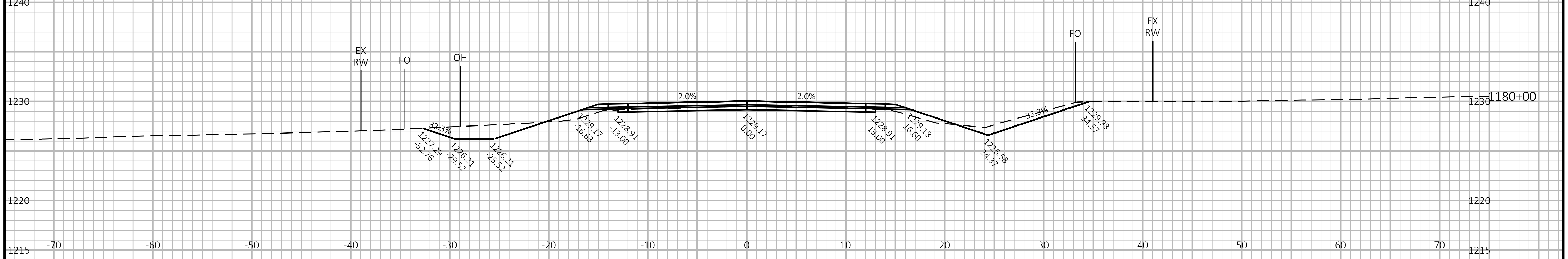
PLOT BY : DUSTIN SCHUH

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

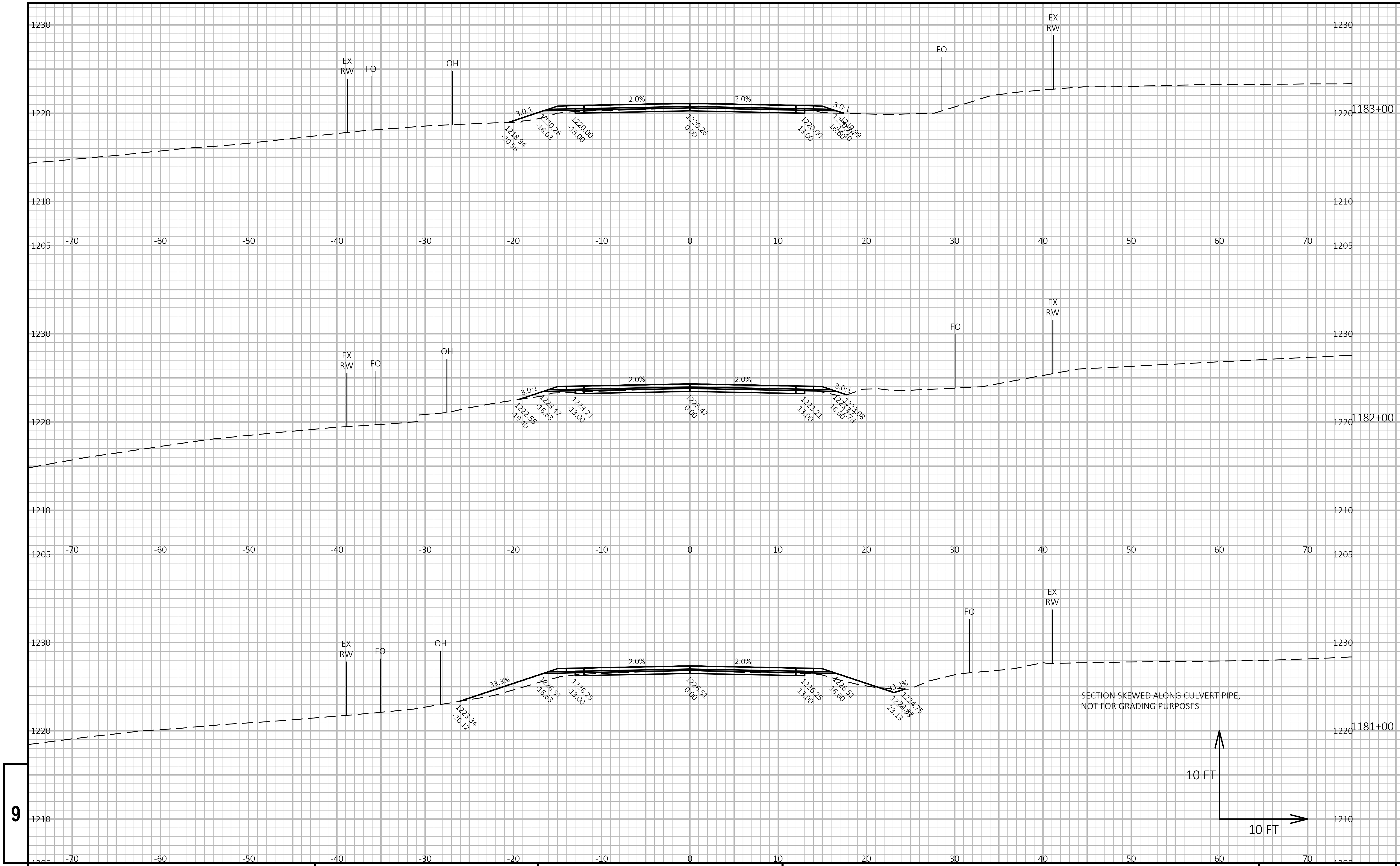




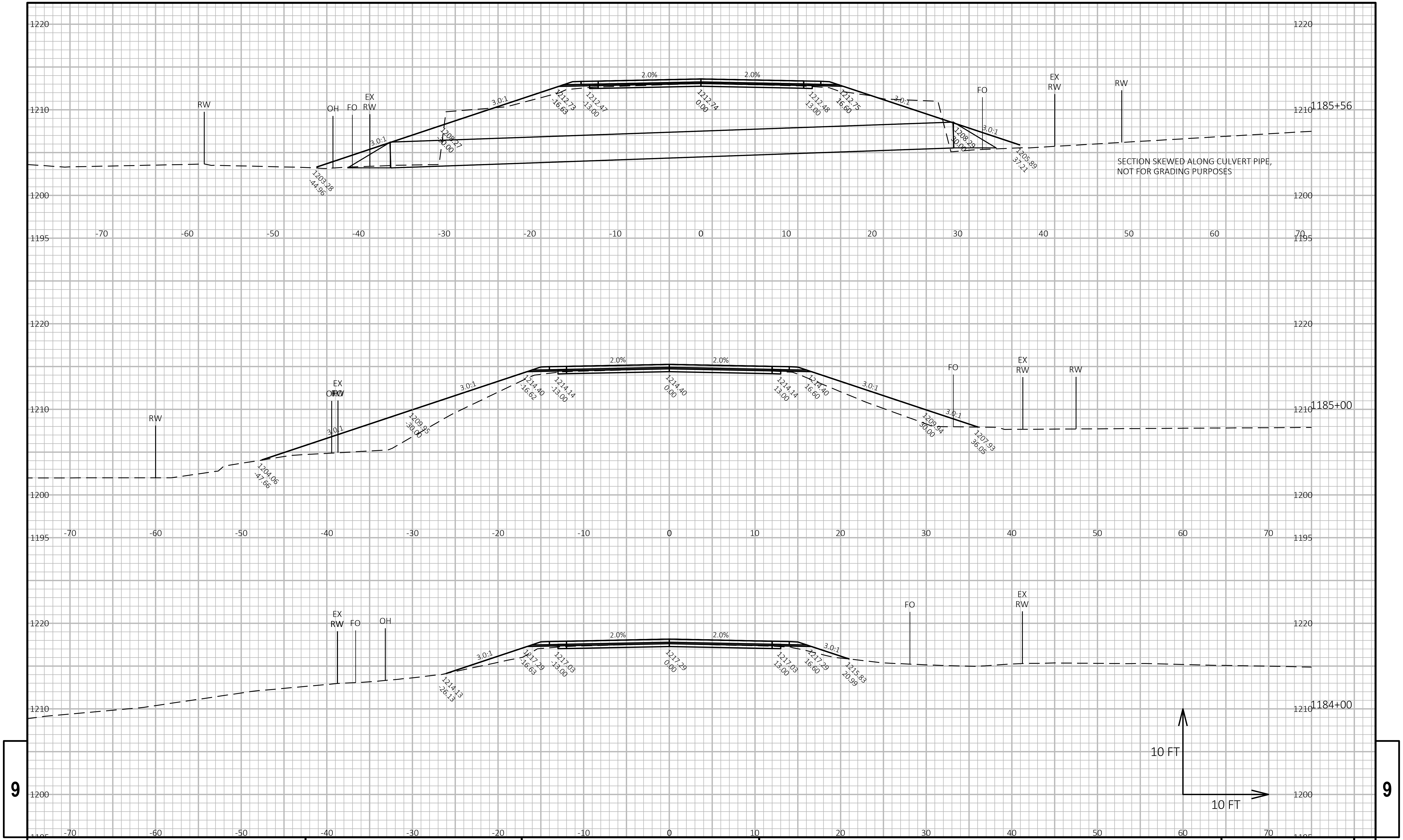
9

9

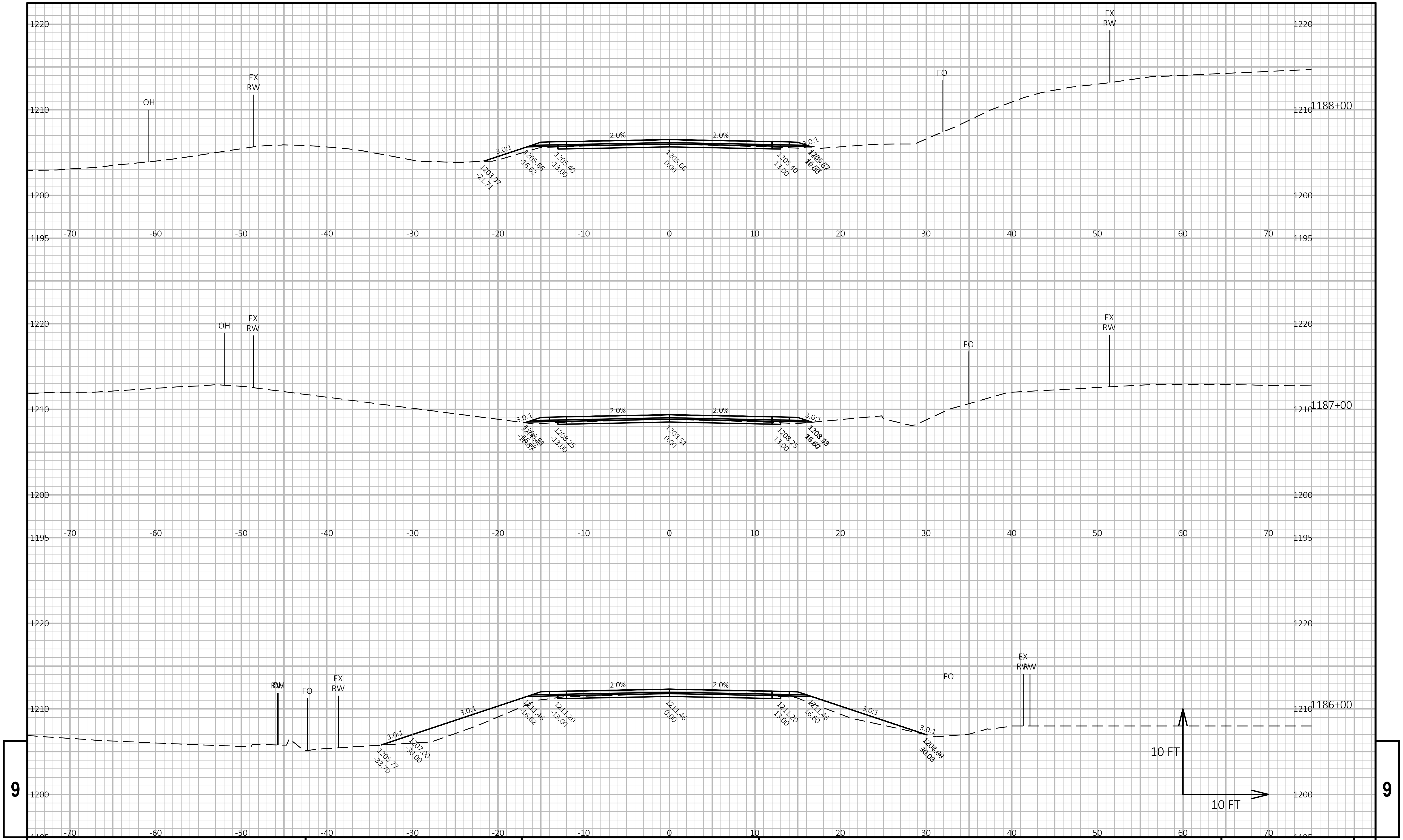
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 149	E



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 150	E

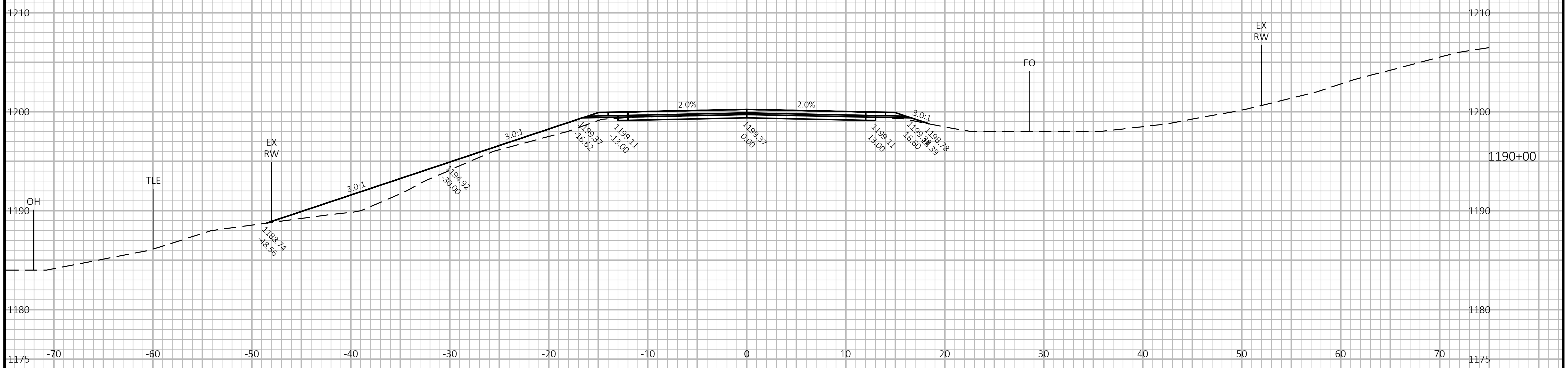


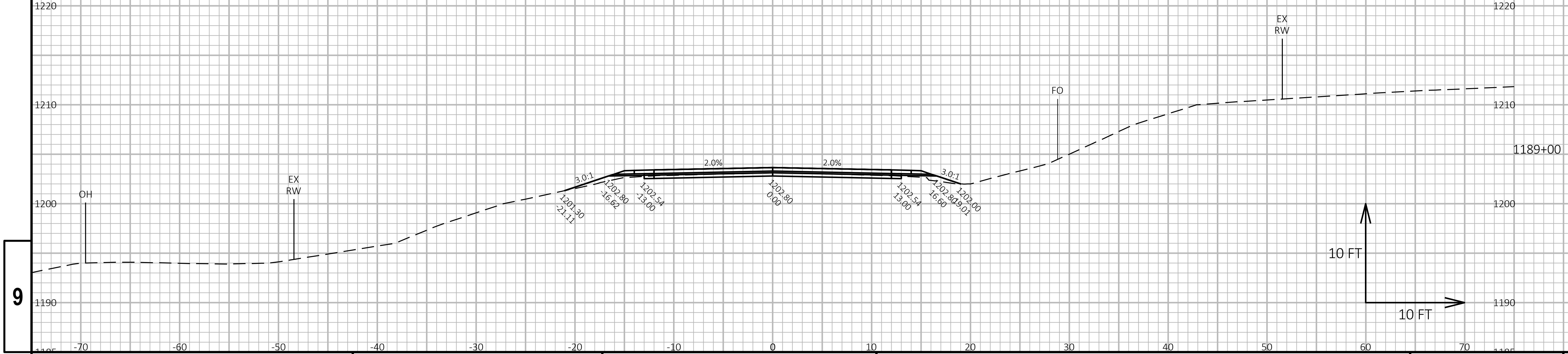
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 151	E



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 152	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 72
PLOT DATE : 8/11/2022 7:46 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49





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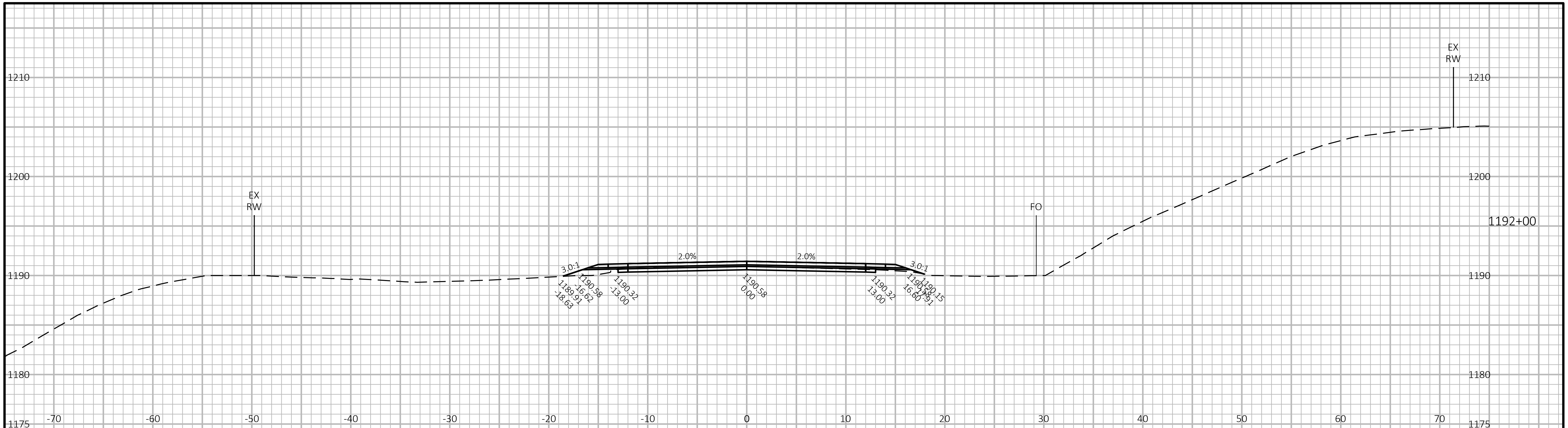
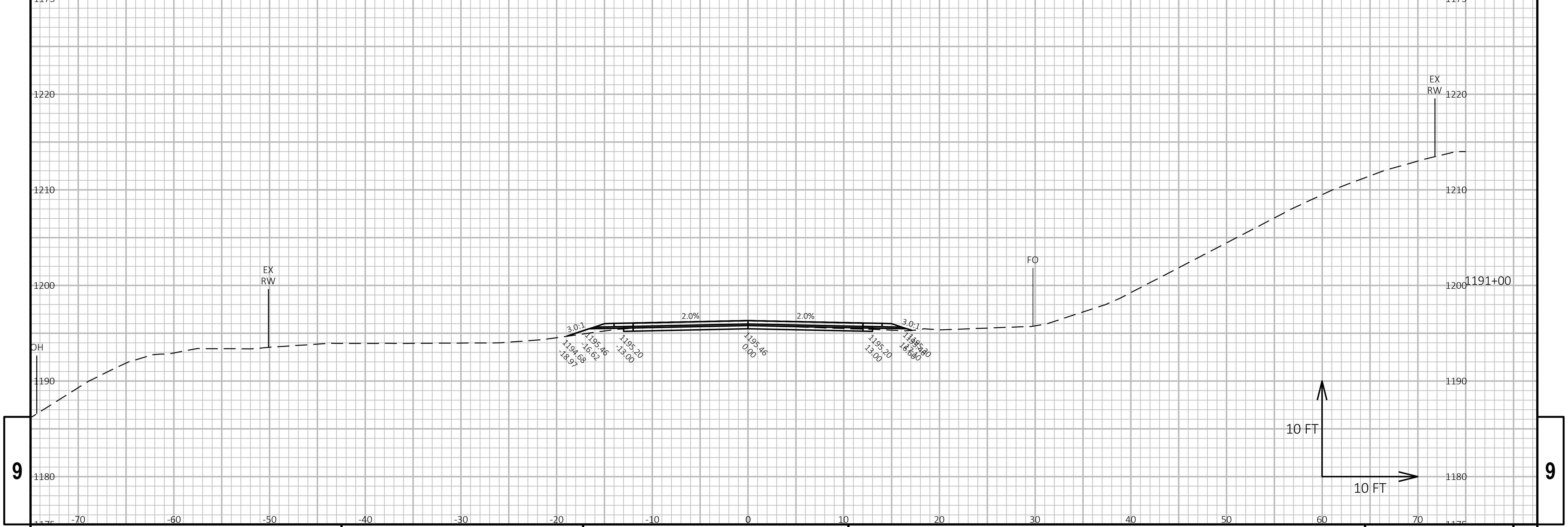
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 153	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 73
PLOT DATE : 8/11/2022 7:46 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49





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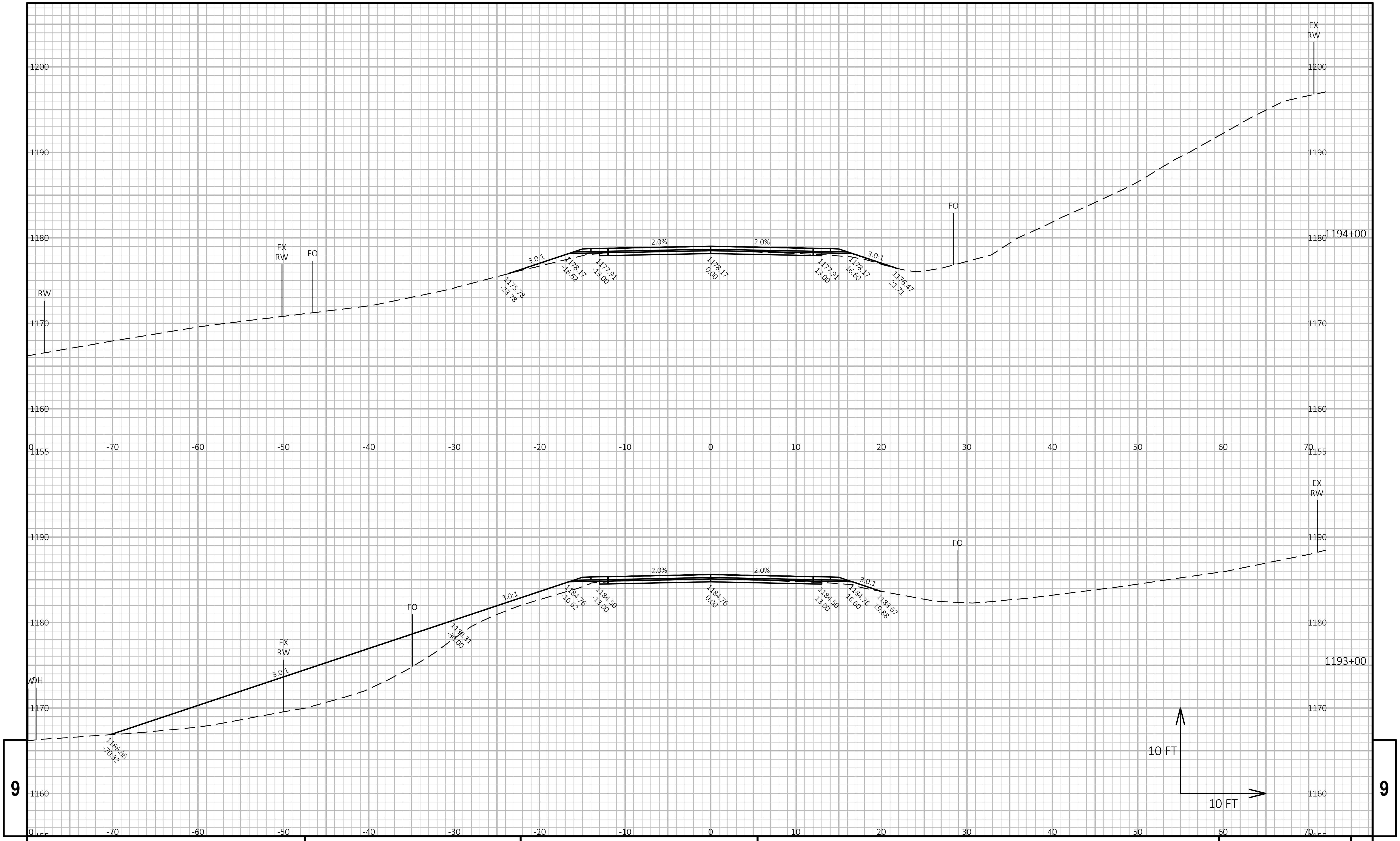
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 154	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 74
PLOT DATE : 8/11/2022 7:46 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET	E

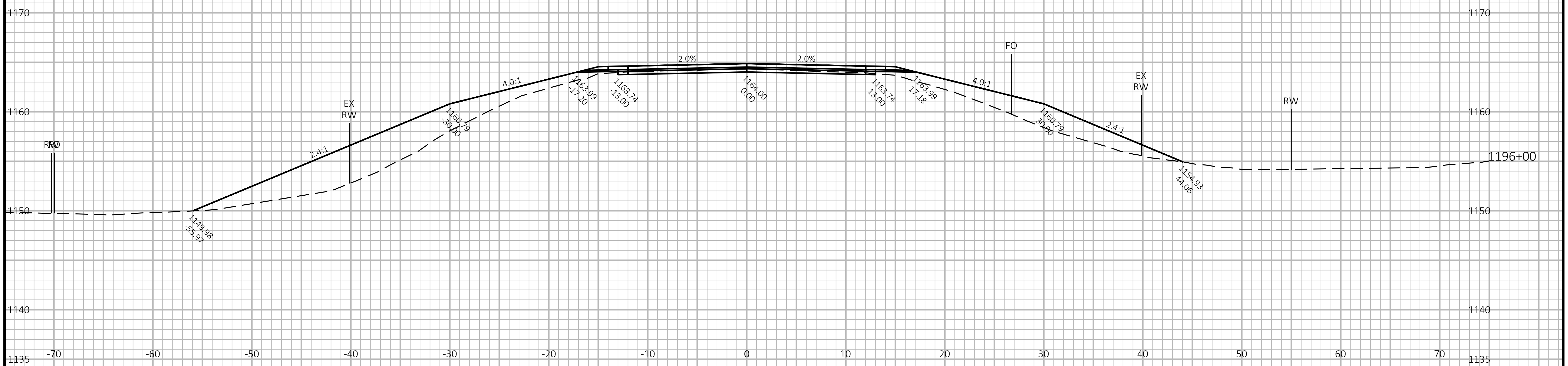
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 75

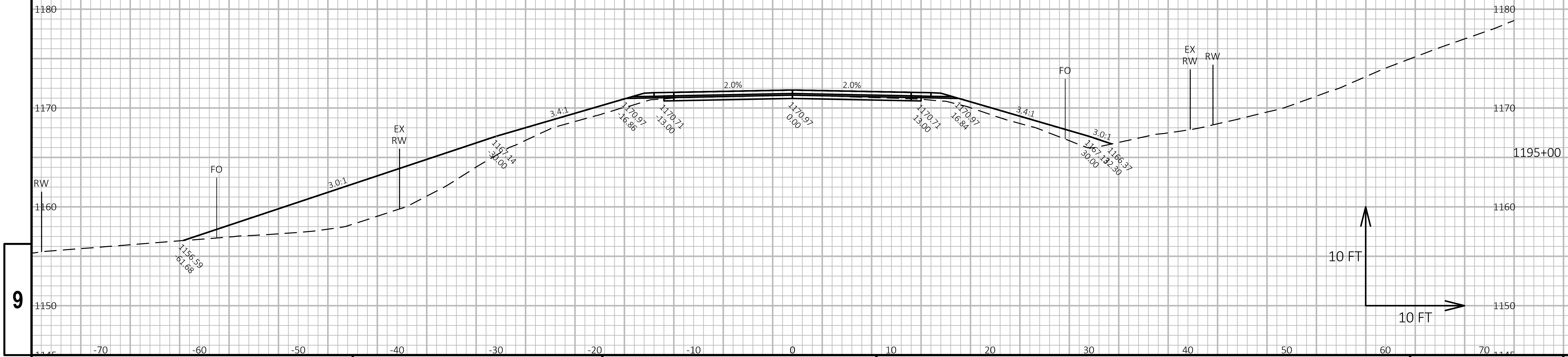
PLOT DATE : 8/11/2022 7:46 PM

PLOT BY : DUSTIN SCHUH

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.





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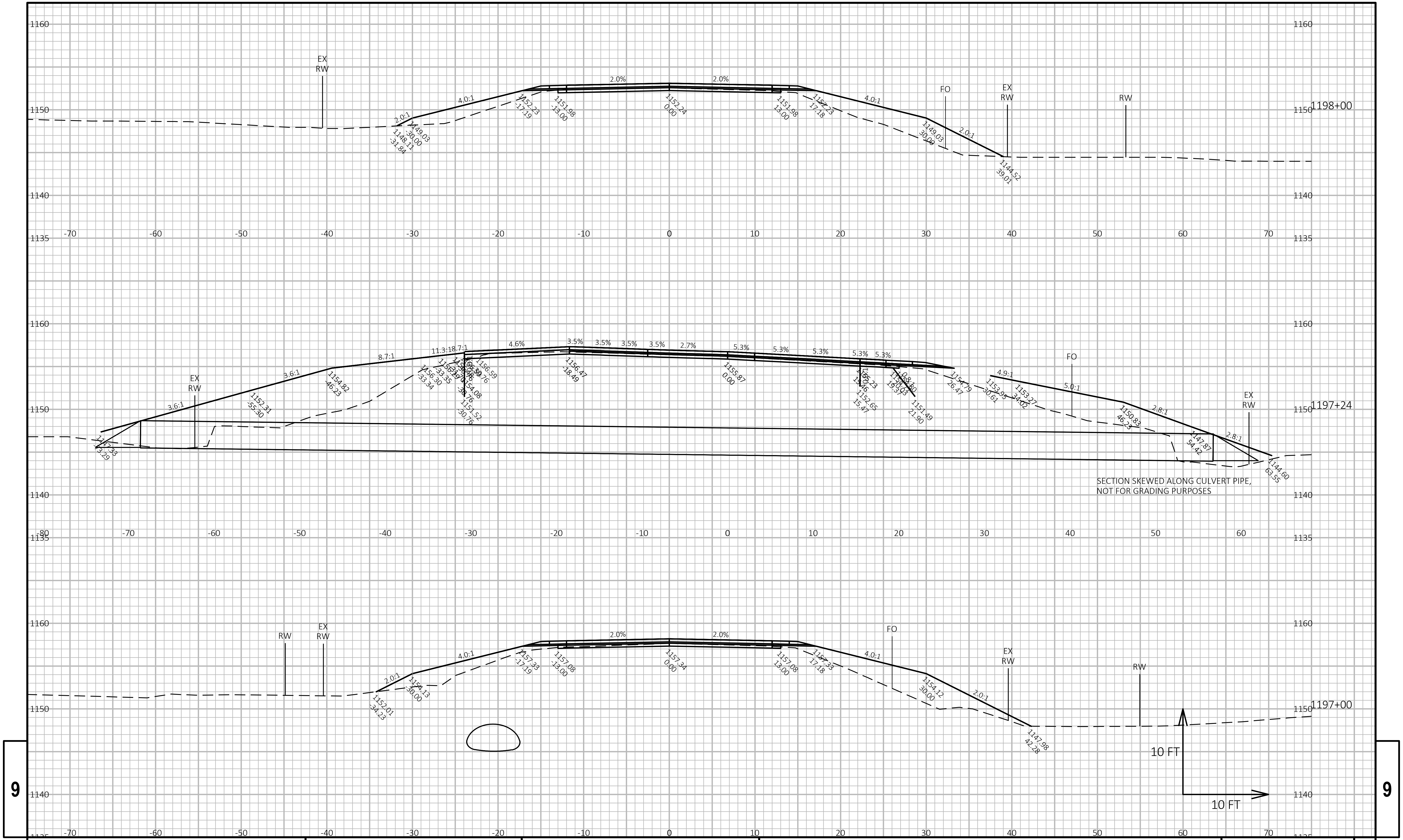
PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 156 | E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 76
PLOT DATE : 8/11/2022 7:46 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



SECTION SKEWED ALONG CULVERT PIPE, NOT FOR GRADING PURPOSES

9

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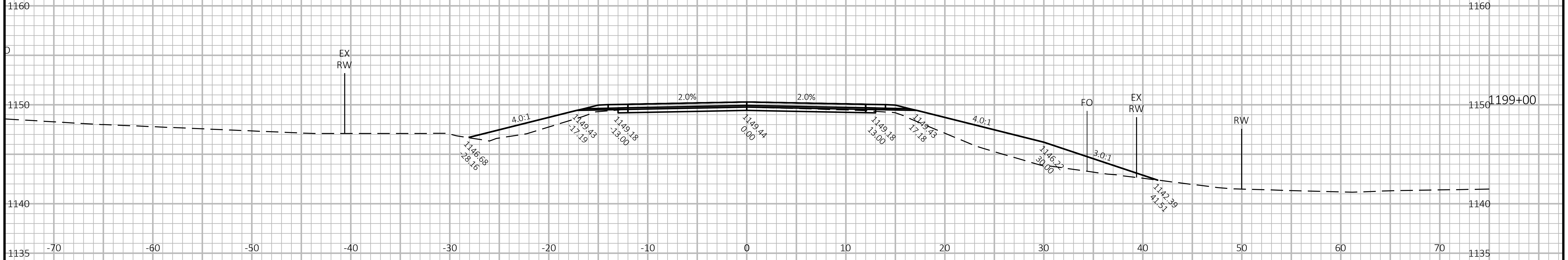

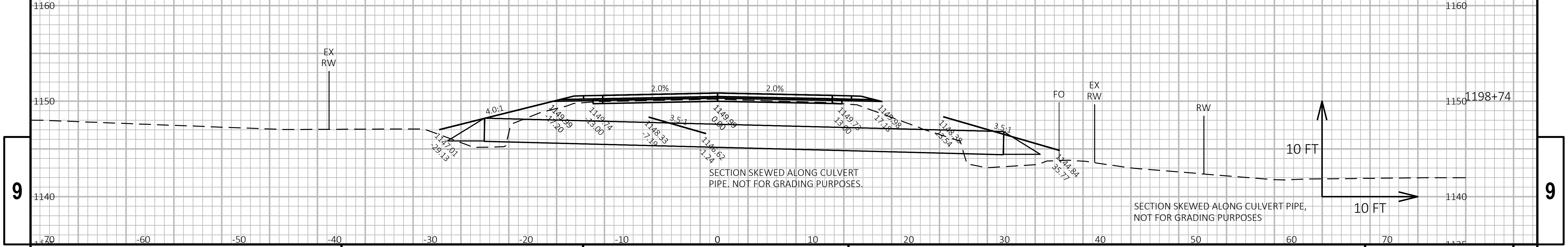

SECTION SKEWED ALONG CULVERT PIPE. NOT FOR GRADING PURPOSES.

SECTION SKEWED ALONG CULVERT PIPE, NOT FOR GRADING PURPOSES

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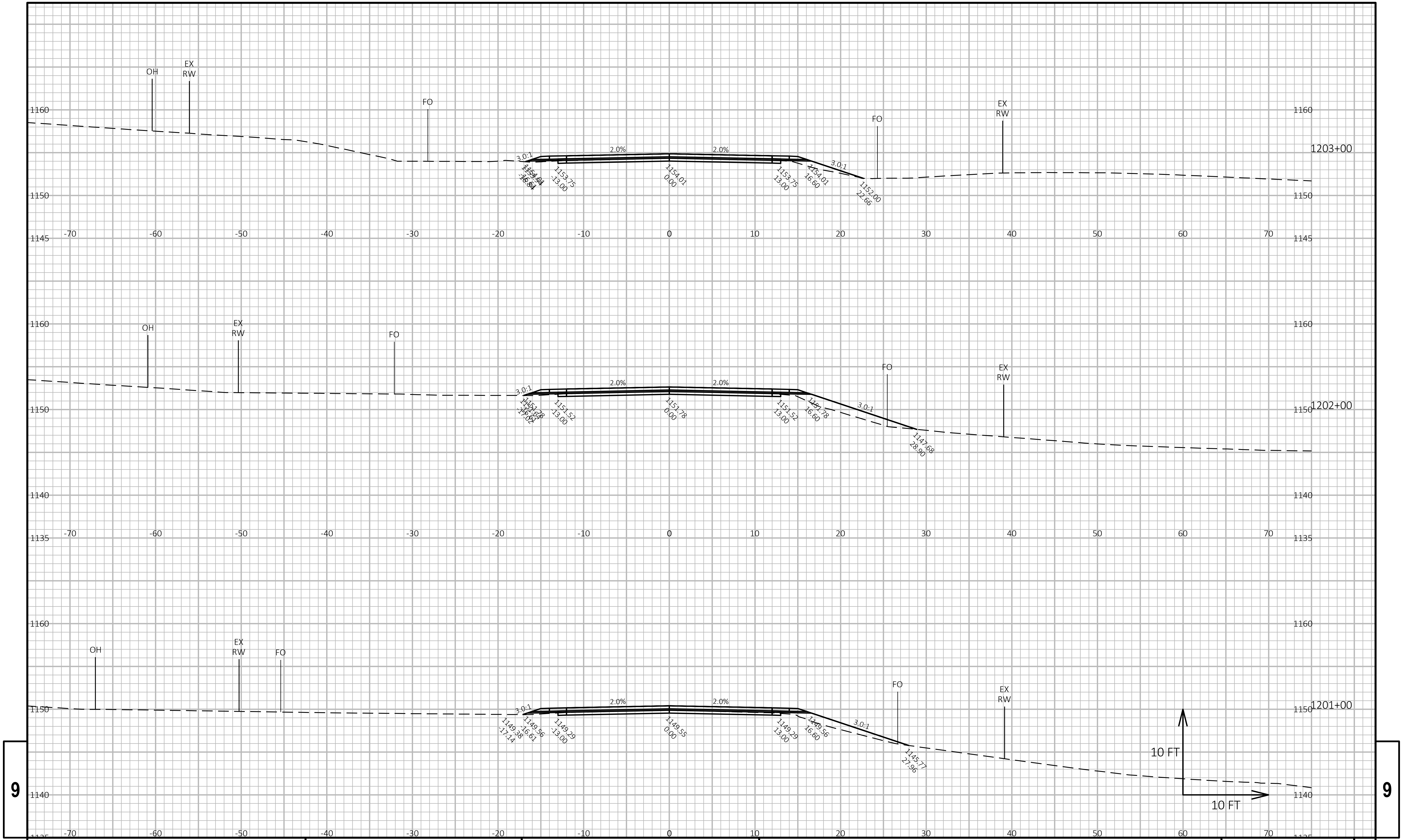
PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 158	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 78
PLOT DATE : 8/11/2022 7:46 PM
PLOT BY : DUSTIN SCHUH
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 159 | E

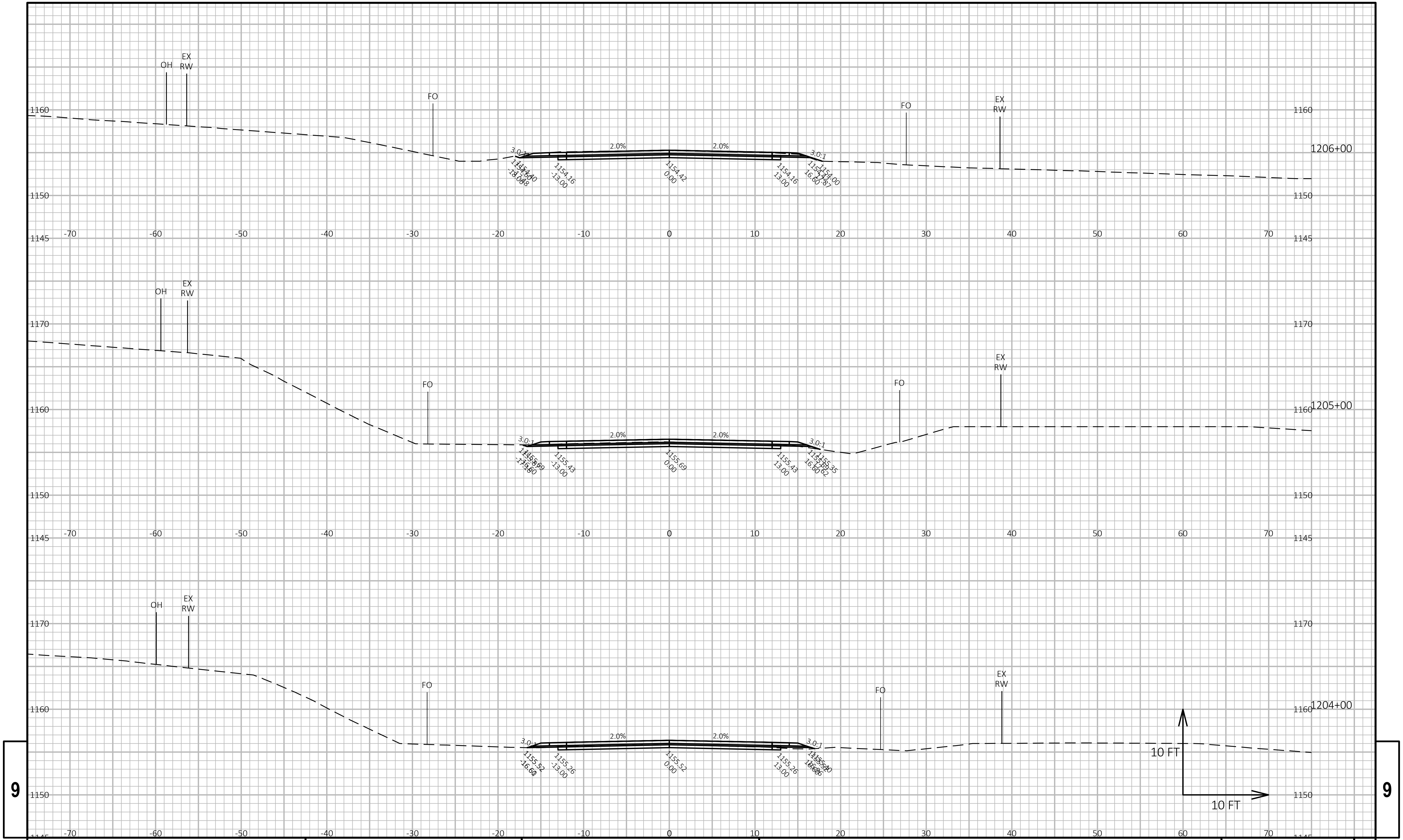
FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 79

PLOT DATE : 8/11/2022 7:47 PM

PLOT BY : DUSTIN SCHUH

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 8822-00-71	HWY: CTH P	COUNTY: BARRON	CROSS SECTIONS: CTH P	SHEET 160	E

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 80

PLOT DATE : 8/11/2022 7:47 PM PLOT BY : DUSTIN SCHUH PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

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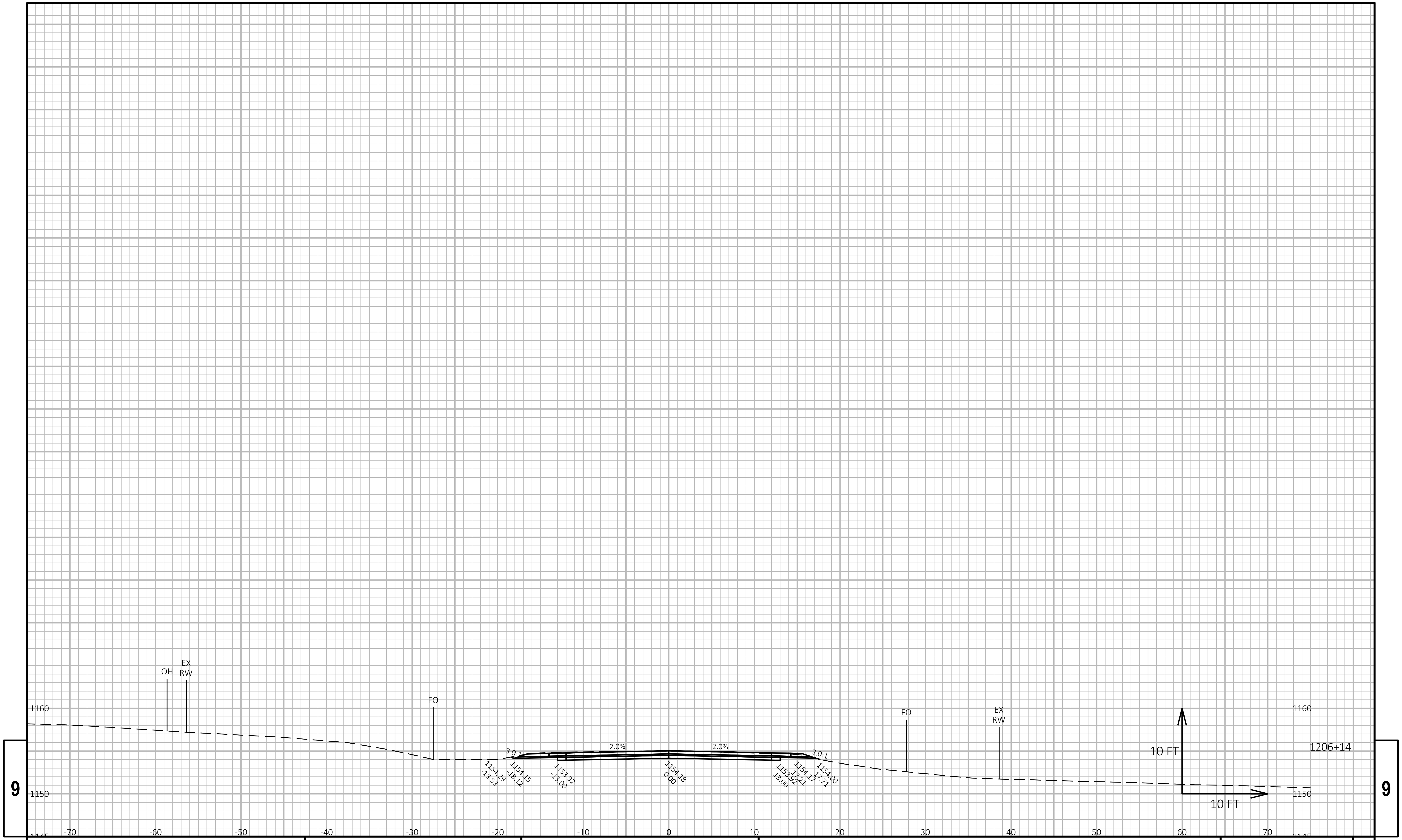

9

PROJECT NO: 8822-00-71 | HWY: CTH P | COUNTY: BARRON | CROSS SECTIONS: CTH P | SHEET 161 | **E**

FILE NAME : X:\AE\B\BARRH\162807\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D\12345601\SHEETSPLAN\090204_XS_CTH P.DWG
LAYOUT NAME - 81

PLOT DATE : 8/11/2022 7:47 PM

PLOT BY : DUSTIN SCHUH

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

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