RHI

MARCH 2024

PROJECT ID: 9130-03-72

WITH: N/A

COUNTY: FOREST

ORDER OF SHEETS

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

TOTAL SHEETS = 428

DESIGN DESIGNATION STH 32

A.A.D.T.	2024	=	3,750 - 5,350
A.A.D.T.	2044	=	4,450 - 6,450
D.H.V.	2044	=	590 - 860
D.D.		=	61/39
T.		=	14.8%
DESIGN SPEED		=	25 - 35
ESALS		=	1,110,000

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

WABENO - CRANDON

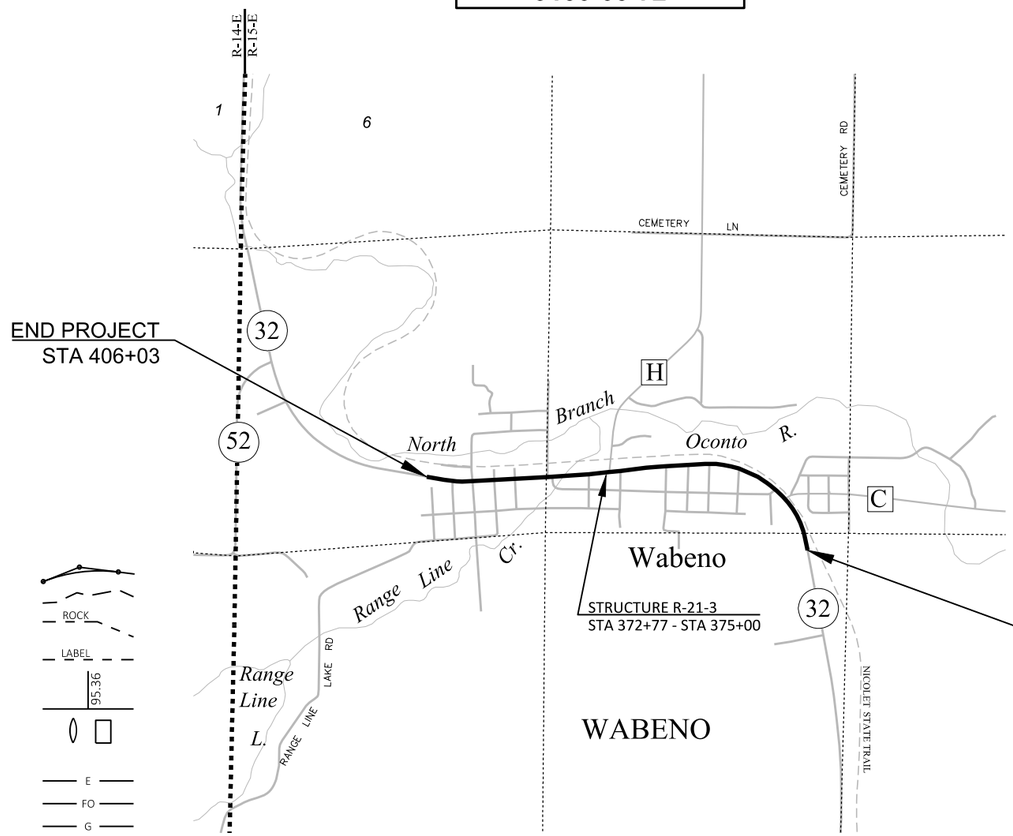
CTH C TO FOREST AVENUE

STH 32

FOREST COUNTY

STATE PROJECT NUMBER
9130-03-72

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9130-03-72	———	———



LAYOUT

SCALE 0 0.5 MI

TOTAL NET LENGTH OF CENTERLINE = 1.465 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), FOREST 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.

CONVENTIONAL SYMBOLS

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

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

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

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

WISCONSIN PROFESSIONAL ENGINEER
SCOTT M. KAISER
E-41772-6
MOSINEE
WI

10/10/2023 (Date) Scott Kaiser (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	EMCS, INC.
Designer	EMCS, INC.
Project Manager	STACY HAGENBUCHER
Regional Examiner	FRED SCHUNKE
Regional Supervisor	KAI KILEN

APPROVED FOR THE DEPARTMENT

DATE: 10/13/2023 Stacy Hagenbucher (Signature)

E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\010101-TI.DWG PLOT DATE : 7/20/2023 6:32 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

GENERAL NOTES

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

AS-BUILTS USED FOR PLAN DEVELOPMENT

PROJECT NO: 9131-1-72, CONSTRUCTION YEAR: 1969
PROJECT NO: 9131-1-70, CONSTRUCTION YEAR: 1970
PROJECT NO: 9131-04-70, CONSTRUCTION YEAR: 1986
PROJECT NO: 9131-08-70, CONSTRUCTION YEAR: 2003

ORDER OF SECTION 2 SHEETS

PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PAVING DETAILS
CURB RAMP DETAILS
EROSION CONTROL
STORM SEWER
PERMANENT SIGNING AND MARKING
TRAFFIC CONTROL

UTILITIES

COMMUNICATIONS

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

CENTURYLINK
CHUCK BRUN
5475 MEREDITH DR
DES MOINES, IA 50131
PHONE: (515) 336-6310
MOBILE: (515) 371-3429
CHARLES.BRUN@LUMEN.COM

ELECTRIC

WISCONSIN PUBLIC SERVICE CORPORATION
BRANDON TAYLOR
2850 S ASHLAND AVE
PO BOX 19001
GREEN BAY, WI 54307-9001
PHONE: (715) 775-0222
BRANDON.TAYLOR@WISCONSINPUBLICSERVICE.COM

GAS/PETROLEUM

WISCONSIN PUBLIC SERVICE CORPORATION
STEVE BONECK
1717 10TH AVE
MENOMINEE, MI 49858
PHONE: (906) 863-4320
MOBILE: (920) 606-3338
STEVE.BONECK@WISCONSINPUBLICSERVICE.COM

SANITARY SEWER

WABENO SANITARY DISTRICT #1
ALLEN ERVAY
1735 3RD ST
WABENO, WI 54566
PHONE: (715) 473-2905
MOBILE: (715) 850-0367
OPERATORWSD328@GMAIL.COM

WATER

WABENO SANITARY DISTRICT #1
ALLEN ERVAY
1735 3RD ST
WABENO, WI 54566
PHONE: (715) 473-2905
MOBILE: (715) 850-0367
OPERATORWSD328@GMAIL.COM

RUNOFF COEFFICIENT TABLE

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

TOTAL PROJECT AREA = 26 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 4 ACRES

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

OTHER CONTACTS

DNR LIAISON

JON SIMONSEN
DNR NORTHERN REGION HEADQUARTERS
107 SUTLIFF
RHINELANDER, WI 54501
(715) 367-1936
JONATHAN.SIMONSEN@WISCONSIN.GOV

FOREST COUNTY POTAWATOMI COMMUNITY (COMMUNICATIONS)

JOE MAYER
5416 EVERYBODYS RD
CRANDON, WI 54520
PHONE: (715) 889-2943
JOE.MAYER@FCP-NSN.GOV

WABENO SCHOOL DISTRICT (COMMUNICATIONS)

JOE WESTIMAYER
4346 MILL LN
WABENO, WI 54566
PHONE: (715) 473-2592
MOBILE: (715) 889-2862
COMPUTERTECH@WABENO.K12.WI.US

2

LEGEND

1 STA 331+07 - STA 405+03
FULL DEPTH PAVEMENT REPLACEMENT,
CURB RAMP REPLACEMENT,
CURB & GUTTER REPLACEMENT,
SPOT STORM SEWER REPLACEMENT

2 STA 341+75, LT - STA 385+32, LT
CONCRETE SIDEWALK REPLACEMENT

3 STA 371+69, RT - STA 388+05, RT
PROPOSED CONCRETE SIDEWALK (NO ROUTE EXISTS)

4 STA 328+70 - STA 331+07
STA 405+03 - STA 406+03
MILL AND OVERLAY

ADAMS LN

CONSTRUCTION LIMITS
CONSTRUCT AND REMOVE
TEMPORARY SHOULDERS

BEGIN PROJECT
STA 328+70

STA 331+07

STA 341+75, LT

CHEQUAMEGON-NICOLET
NATIONAL FOREST

RANGE LINE CREEK

STATE BANK OF WABENO (LAONA STATE BANK)

WABENO SCHOOL DISTRICT BALL DIAMOND

STA 385+32, LT

FOREST COUNTY POTAWATOMI TRIBAL LAND

PROPOSED STRUCTURE R-21-3
(SEE STRUCTURE PLANS)

C-21-2
(TO REMAIN)

WABENO HIGH SCHOOL

STA 388+05, RT

STA 405+03

END PROJECT
STA 406+03

CONSTRUCTION LIMITS
CONSTRUCT AND REMOVE
TEMPORARY SHOULDERS

RIVER ST (WEST)
CRANDON AVE
JONES AVE
CECIL AVE
OCONTO AVE
CAVOUR AVE
FOREST AVE
FAIRVIEW AVE
PEARL AVE
EAST AVE
ELM AVE
MAPLE AVE
RIVER ST (EAST)
BROADWAY ST
CTH C
STH 32
CTH H

340 350 360 370 380 390 400 410

NICOLET STATE TRAIL

STA 371+69, RT

NORTH BRANCH
OCONTO RIVER

TOWN OF WABENO LOGGING MUSEUM
AND BANDSHELL

THE CHICAGO AND NORTH WESTERN LAND
OFFICE/WABENO PUBLIC LIBRARY

UNNAMED
OPEN WATER

UNNAMED
OPEN WATER

NORTH BRANCH OCONTO RIVER

UNNAMED STREAM

TOWN OF WABENO

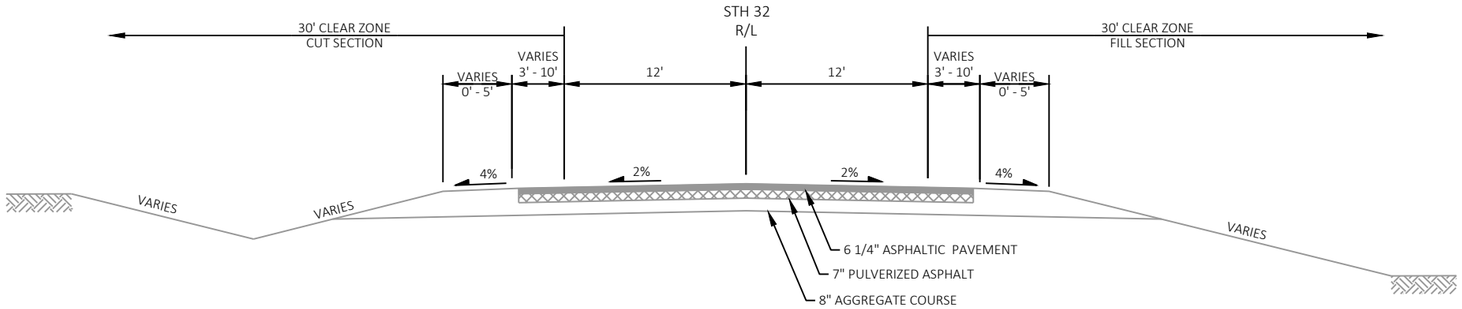
N

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PROJECT OVERVIEW	SHEET 3	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - 01

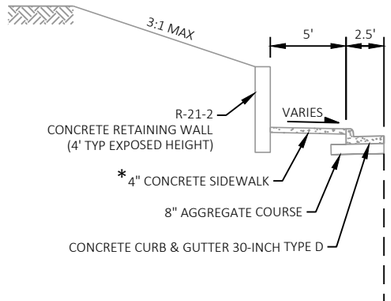
PLOT DATE : 7/20/2023 6:32 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42



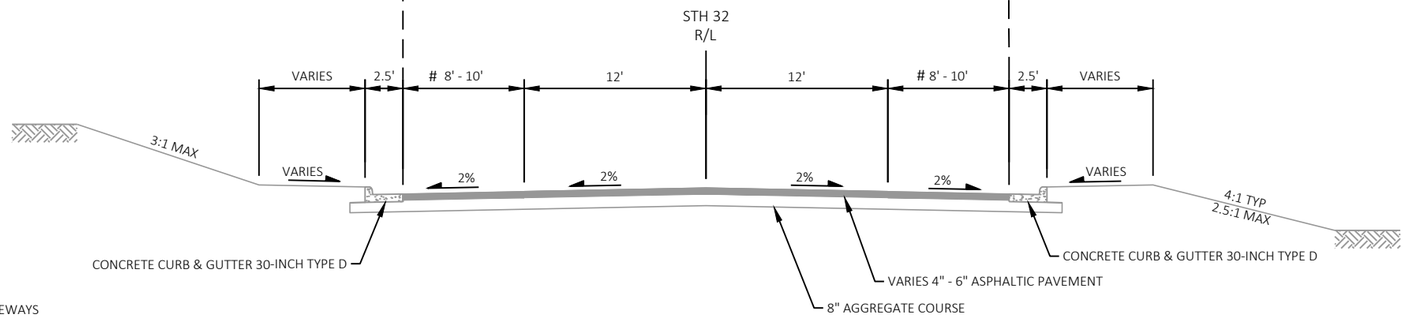
EXISTING TYPICAL SECTION
STH 32
STA 328+70 - STA 331+07

STA 372+67 - STA 375+24



STA 343+38 - STA 400+53

STA 387+54 - STA 393+77
STA 395+63 - STA 396+68
STA 398+19 - STA 401+21



EXISTING TYPICAL SECTION
STH 32
STA 331+07 - STA 405+03

NOTES

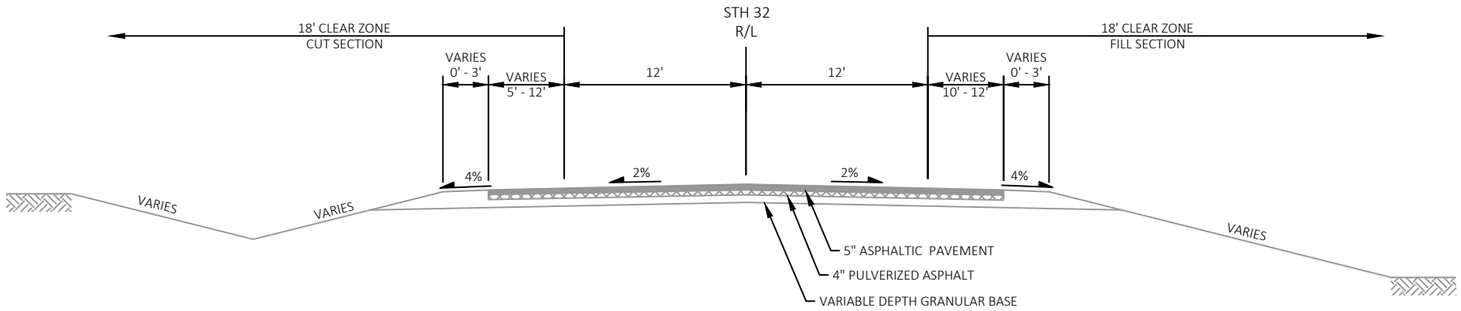
* CONCRETE SIDEWALK DEPTH IS ANTICIPATED TO BE 6" THROUGH DRIVEWAYS

** SIDEWALK WIDTH VARIES FROM 7' - 32' FROM STA 384+30 - STA 400+53, LT

\# SHOULDER/PARKING LANE WIDTH
- 8' FROM STA 331+07 - STA 384+41, LT
- 8' FROM STA 331+07 - STA 385+30, RT
- 10' FROM STA 384+41 - STA 405+03, LT
- 10' FROM STA 385+30 - STA 405+03, RT

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TYPICAL SECTIONS	SHEET 4	E

2



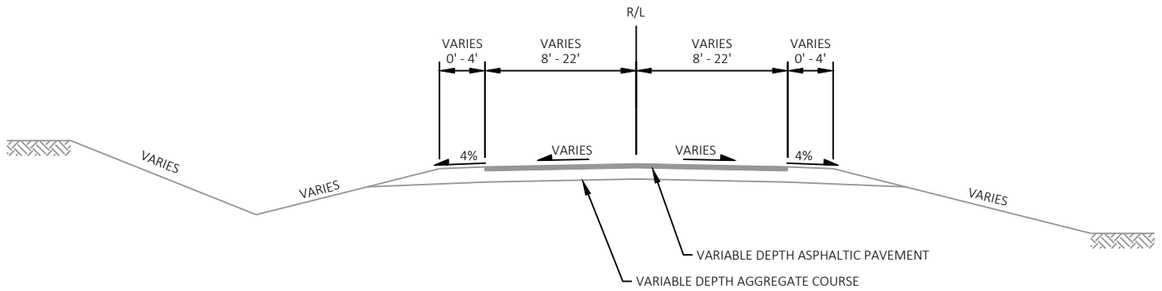
EXISTING TYPICAL SECTION

STH 32

STA 405+03 - STA 406+03

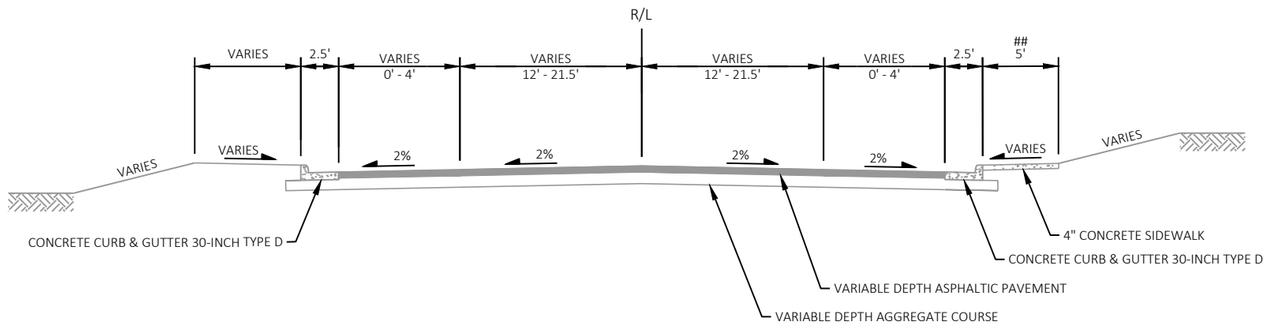
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TYPICAL SECTIONS	SHEET 5	E

2



EXISTING TYPICAL SECTION
SIDE ROADS

CTH C
RIVER ST (EAST)
MAPLE AVE
ELM AVE
EAST AVE
PEARL AVE
JONES AVE
CRANDON AVE
RIVER ST (WEST)
FAIRVIEW AVE
CECIL AVE
CAVOUR AVE (NORTH)



EXISTING TYPICAL SECTION
SIDE ROADS

CTH H
OCONTO AVE
CAVOUR AVE (SOUTH)
FOREST AVE

NOTES

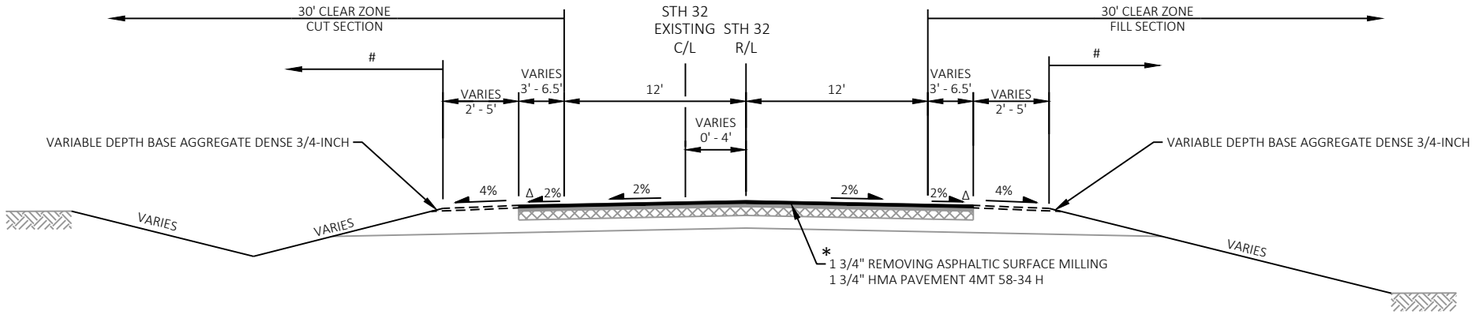
THE EXISTING TYPICAL SECTIONS FOR SIDE ROADS ARE SHOWN BEYOND THE INTERSECTION RADII. CURB & GUTTER MAY BE PRESENT IN THE INTERSECTION RADII. THE PAVEMENT STRUCTURE ON SIDE ROADS THROUGH THE INTERSECTION RADII MATCH THE MAINLINE (4"-6" ASPHALTIC PAVEMENT AND 8" AGGREGATE COURSE BASED ON AS-BUILT PLANS).

A TERRACE IS LOCATED BETWEEN THE CURB AND GUTTER AND THE SIDEWALK AT THE FOLLOWING INTERSECTIONS:

- CAVOUR AVE - 11' WIDE, RT AND THERE IS NO TERRACE ON THE LT
- FOREST AVE - 6' WIDE

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TYPICAL SECTIONS	SHEET 6	E

2



FINISHED TYPICAL SECTION
STH 32
STA 328+70 - STA 331+07

NOTE

* MILLING DEPTH VARIES DUE TO CROWN LINE SHIFT (SEE CROSS SECTIONS)

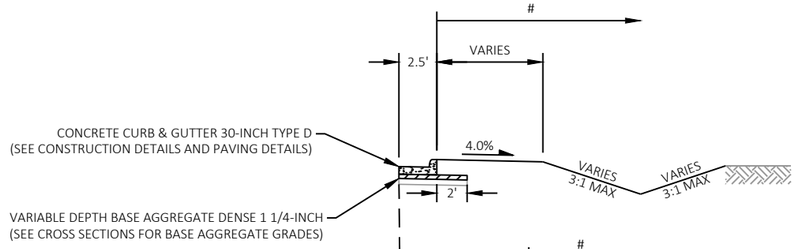
\# TOPSOIL, SEEDING, FERTILIZER AND EROSION MAT (SEE EROSION CONTROL PLANS FOR ADDITIONAL INFORMATION)

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

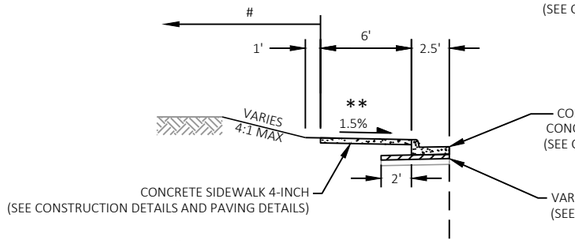
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TYPICAL SECTIONS	SHEET 7	E

2

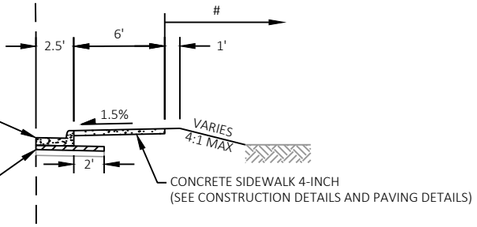
STA 333+05 - STA 341+12



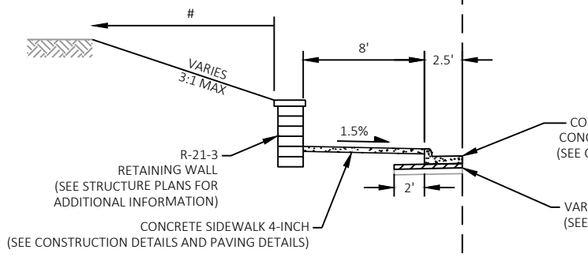
STA 341+75 - STA 372+77
STA 375+00 - STA 379+84



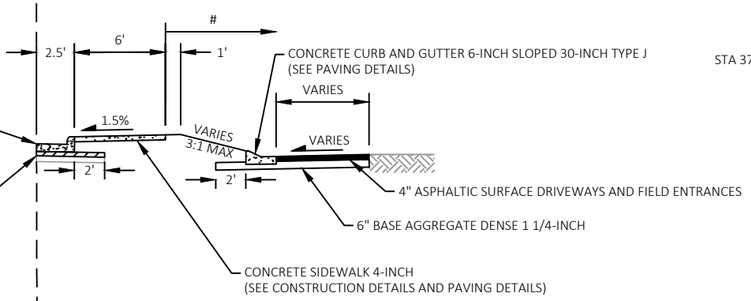
STA 371+69 - STA 375+25

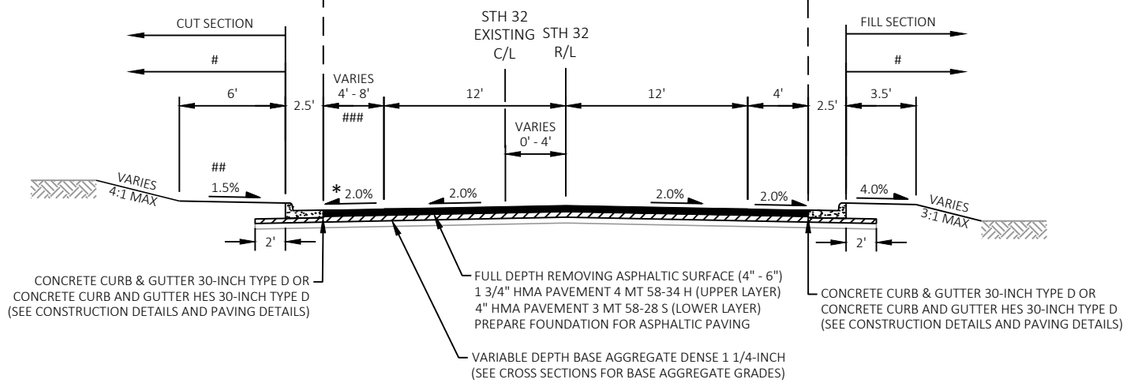


STA 372+77 - STA 375+00



STA 375+25 - STA 379+84





NOTES

* SHOULDER SLOPE VARIES (SEE CROSS SECTIONS)

** SIDEWALK CROSS SLOPE IS 1.0% BETWEEN STA 358+10 - STA 359+96, LT

\# TOPSOIL, SEEDING, FERTILIZER AND EROSION MAT (SEE EROSION CONTROL PLANS FOR ADDITIONAL INFORMATION)

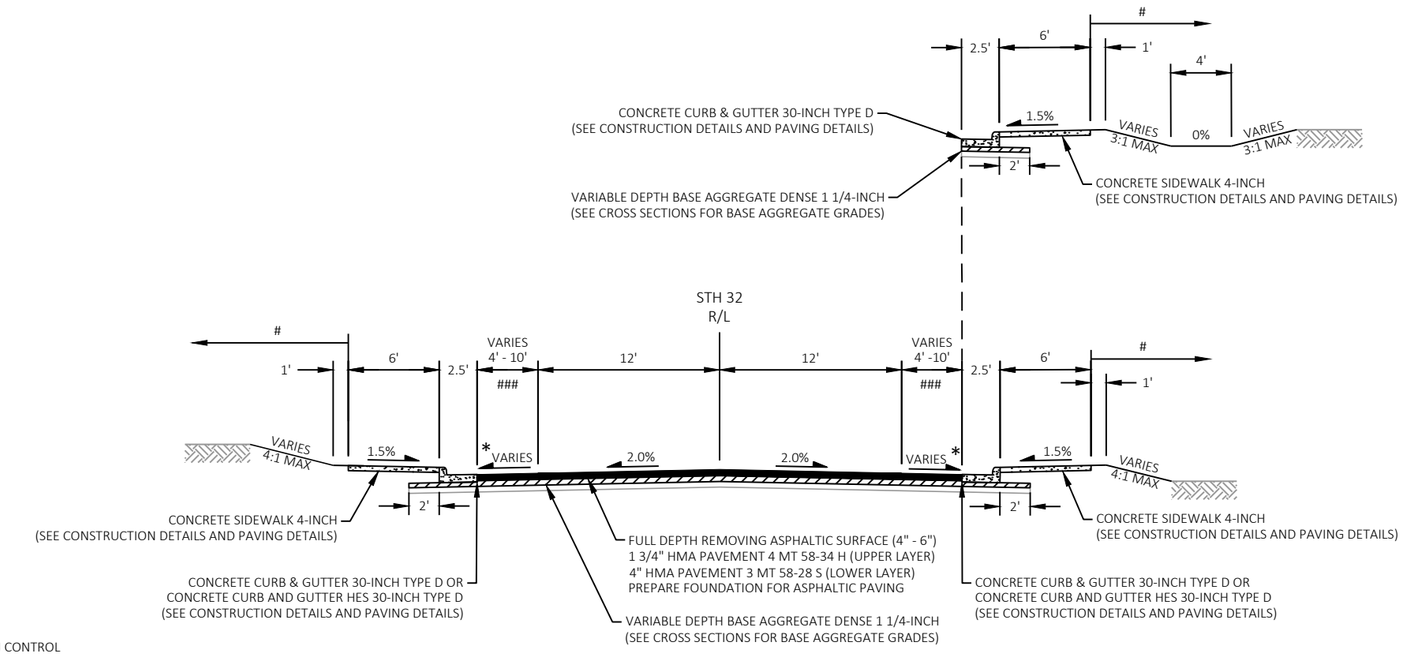
\## FROM STA 331+07 - STA 332+50, LT, SEE CROSS SECTIONS FOR DRAINAGE DITCH BEHIND CURB & GUTTER

\### SHOULDER/PARKING LANE WIDTH
- 4' FROM STA 331+07 - STA 357+01, LT
- 8' FROM STA 357+01 - STA 371+69, LT
- 4' FROM STA 371+69 - STA 379+84, LT

FINISHED TYPICAL SECTION
STH 32
STA 331+07 - STA 379+84

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TYPICAL SECTIONS	SHEET 8	E

2



STA 379+84 - STA 382+02

FINISHED TYPICAL SECTION
STH 32

STA 379+84 - STA 384+07

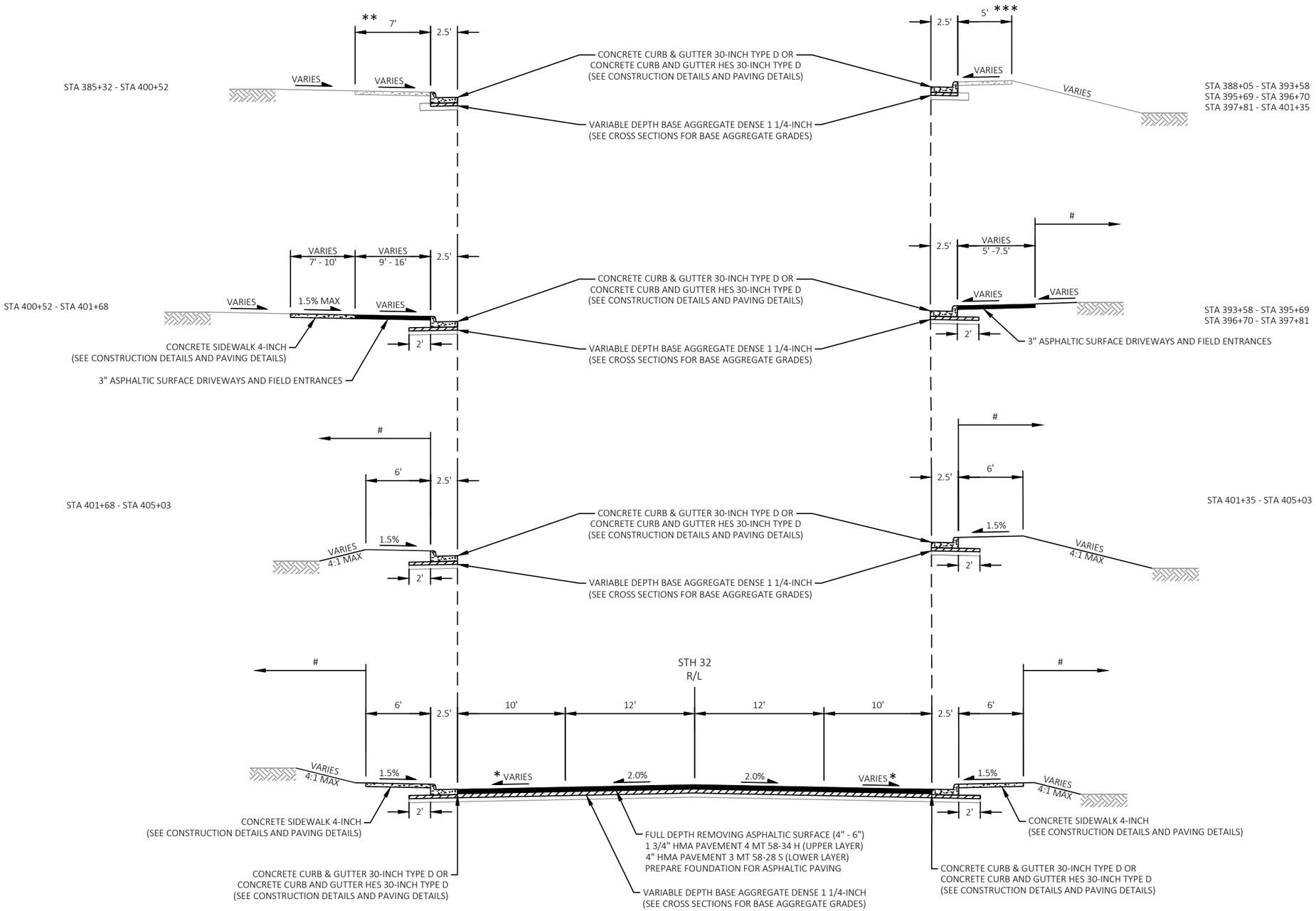
NOTES

* SHOULDER SLOPE VARIES (SEE CROSS SECTIONS)

\# TOPSOIL, SEEDING, FERTILIZER AND EROSION MAT (SEE EROSION CONTROL PLANS FOR ADDITIONAL INFORMATION)

SHOULDER/PARKING LANE WIDTH
- 4' FROM STA 379+84 - STA 382+09, LT
- VARIES 4' - 10' FROM STA 382+09 - STA 382+69, LT
- 10' FROM STA 382+69 - STA 384+07, LT
- 4' FROM STA 379+84 - STA 383+47, RT
- VARIES 4' - 10' FROM STA 383+47 - STA 384+07, RT

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TYPICAL SECTIONS	SHEET 9	E



NOTES

* SHOULDER SLOPE VARIES (SEE CROSS SECTIONS)

** SIDEWALK WIDTH VARIES FROM 7' - 32' BETWEEN STA 384+30 - STA 400+53, LT
SEE PAVING DETAILS FOR SPOT SIDEWALK REPLACEMENTS

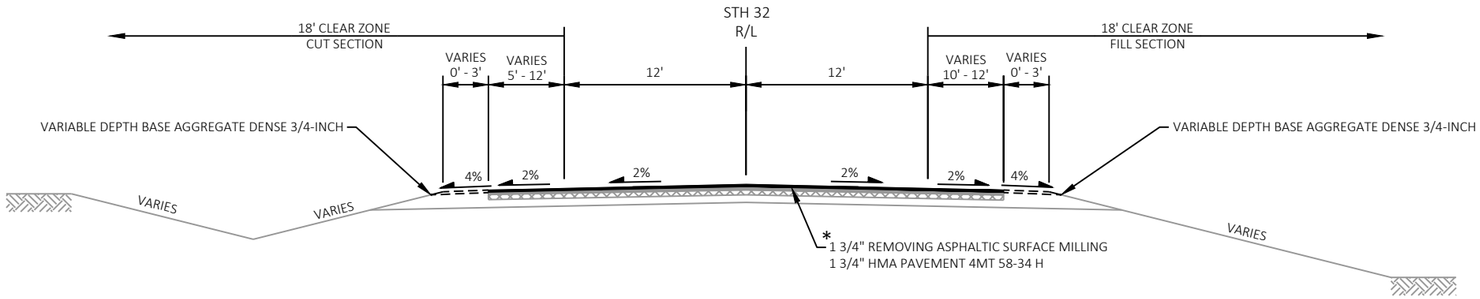
*** SEE PAVING DETAILS FOR SPOT SIDEWALK REPLACEMENTS

\# TOPSOIL, SEEDING, FERTILIZER AND EROSION MAT (SEE EROSION CONTROL PLANS FOR ADDITIONAL INFORMATION)

FINISHED TYPICAL SECTION
STH 32
STA 384+07 - STA 405+03

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TYPICAL SECTIONS	SHEET 10	E

2



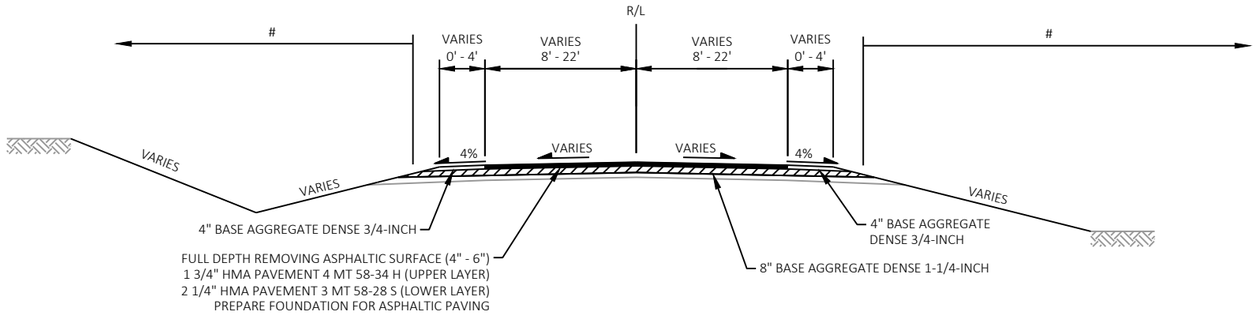
FINISHED TYPICAL SECTION
STH 32
STA 405+03 - STA 406+03

NOTE

* MILLING DEPTH VARIES DUE TO PROFILE TRANSITION

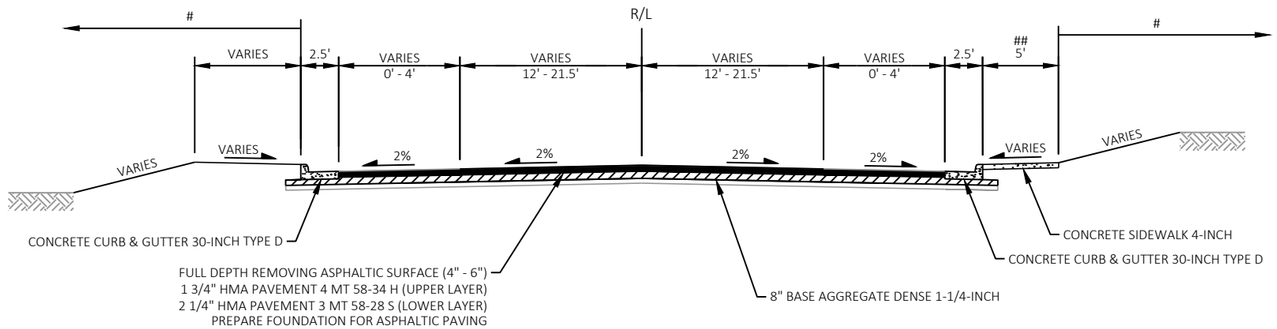
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TYPICAL SECTIONS	SHEET 11	E

2



FINISHED TYPICAL SECTION
SIDE ROADS

CTH C
RIVER ST (EAST)
MAPLE AVE
ELM AVE
EAST AVE
PEARL AVE
JONES AVE
CRANDON AVE
RIVER ST (WEST)
FAIRVIEW AVE
CECIL AVE
CAVOUR AVE (NORTH)



FINISHED TYPICAL SECTION
SIDE ROADS

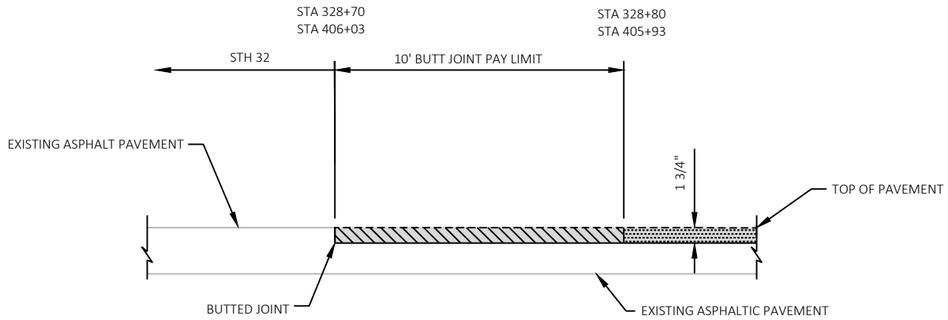
CTH H
OCONTO AVE
CAVOUR AVE (SOUTH)
FOREST AVE

NOTES

\# TOPSOIL, SEEDING, FERTILIZER AND EROSION MAT OR ASPHALTIC SURFACE
(SEE EROSION CONTROL PLANS AND PAVING DETAILS FOR ADDITIONAL INFORMATION)

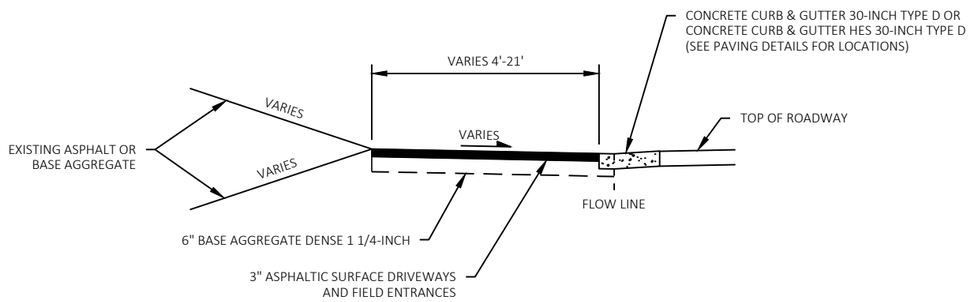
A TERRACE IS LOCATED BETWEEN THE CURB AND GUTTER AND THE SIDEWALK AT THE FOLLOWING INTERSECTIONS:

- CAVOUR AVE - 11' WIDE, RT AND THERE IS NO TERRACE ON THE LT
- FOREST AVE - 6' WIDE



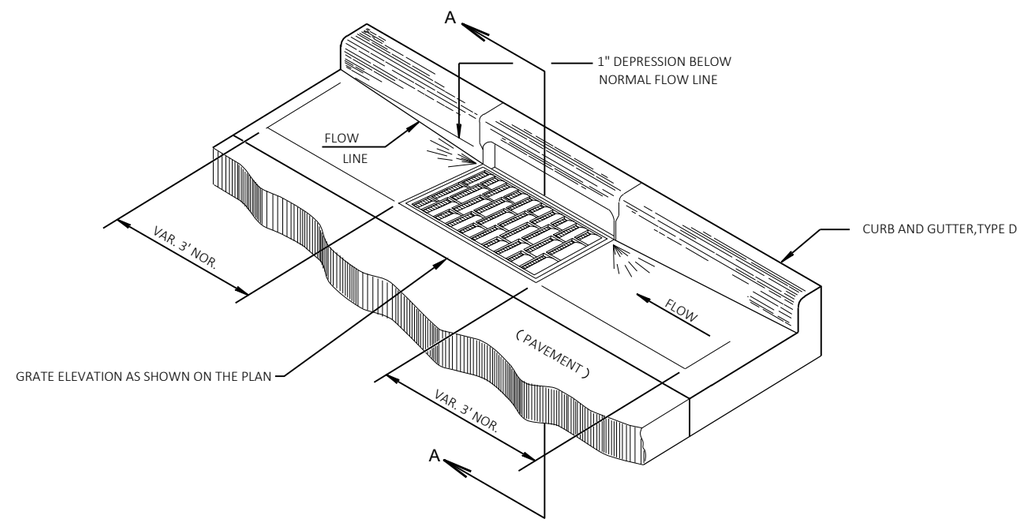
BUTT JOINT DETAIL

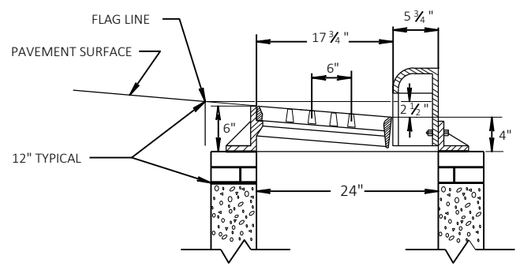
STA 328+70 (BEGIN PROJECT)
STA 406+03 (END PROJECT)



ASPHALTIC DRIVEWAY APRON BEHIND CURB & GUTTER DETAIL

SEE PAVING DETAILS FOR LOCATIONS

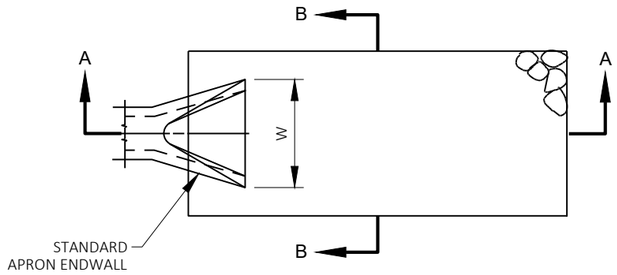


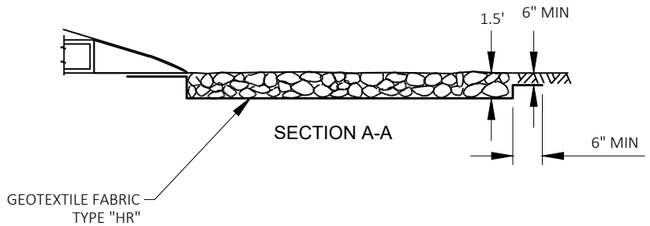


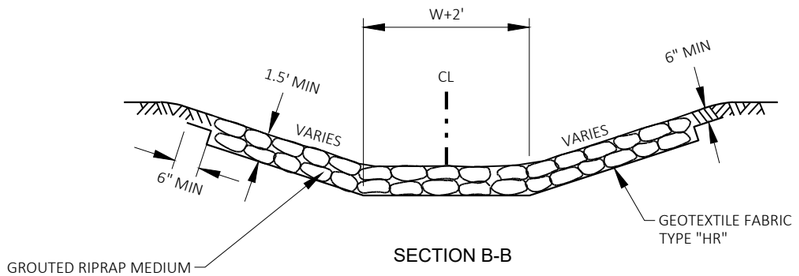
SECTION A-A

CONCRETE CURB AND GUTTER AT INLETS DETAIL

(TYPE 2X3-FT / H INLET SHOWN)

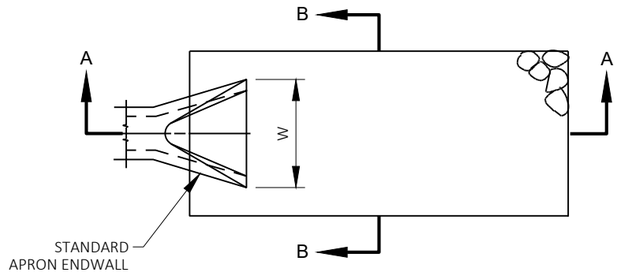


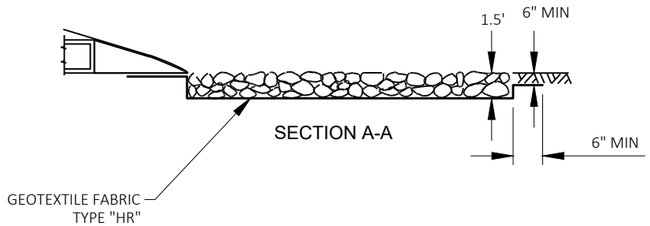


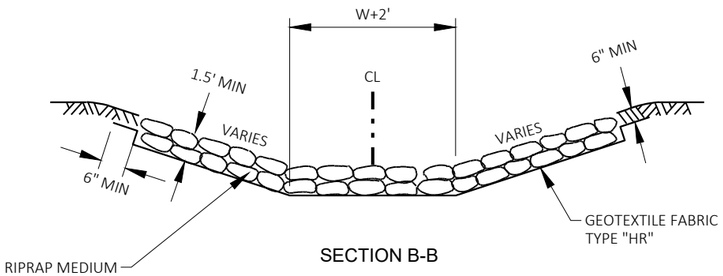


GROUTED RIPRAP MEDIUM TREATMENT DETAIL AT ENDWALL

STA 349+77, RT
STA 352+94, RT
STA 356+03, RT
STA 360+66, RT
STA 364+75, RT

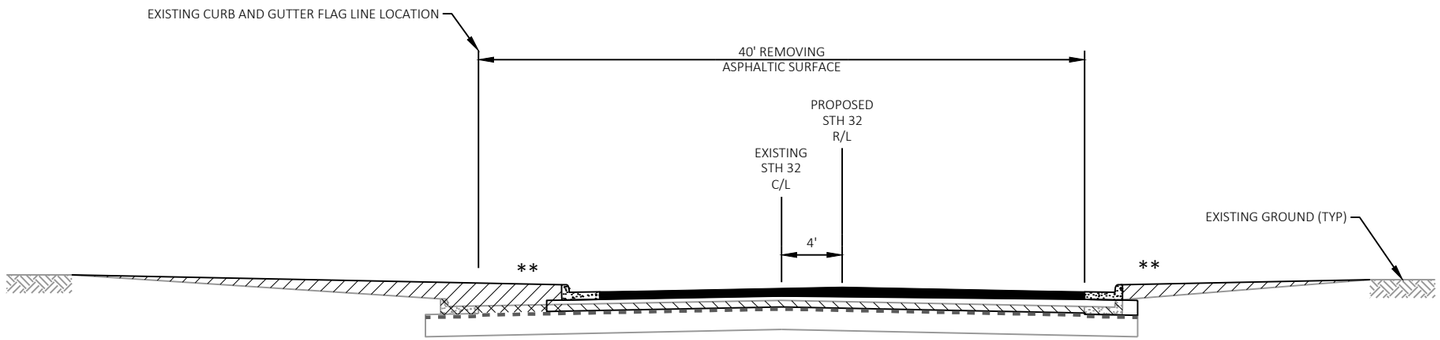






RIPRAP MEDIUM TREATMENT DETAIL AT ENDWALLS

STA 340+94, RT
STA 341+15, LT
STA 369+91, RT
STA 380+15, RT
STA 380+80, RT
STA 382+00, RT



FULL DEPTH PAVEMENT REPLACEMENT EARTHWORK DETAIL
STH 32
STA 331+07 - STA 384+07

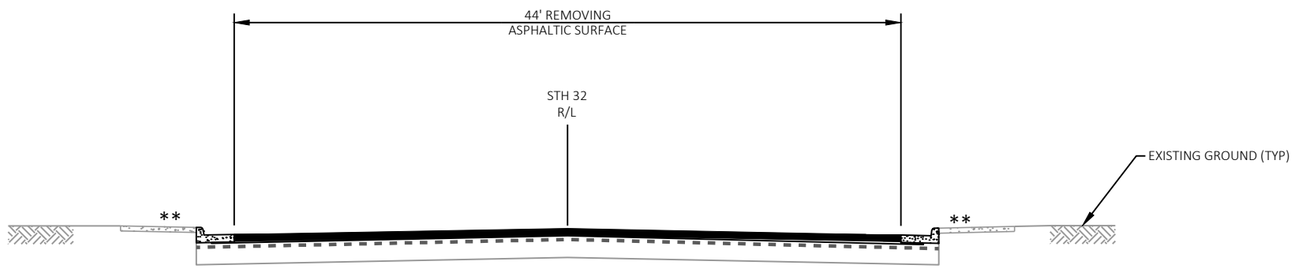
LEGEND

- BORROW
- EXCAVATION COMMON
- NEW HMA PAVEMENT (32' - 36' WIDTH)
- ESTIMATED TOP OF EXISTING BASE AGGREGATE COURSE (SHOWN ON CROSS SECTIONS)

NOTES
REMOVE EXISTING ASPHALTIC PAVEMENT FULL DEPTH (PAID AS REMOVING ASPHALTIC SURFACE)

REMOVING ASPHALTIC SURFACE AND REMOVING CONCRETE SIDEWALK VOLUMES ARE ALSO INCLUDED IN EXCAVATION COMMON

** SEE PLANS FOR LOCATIONS OF SIDEWALK WORK



FULL DEPTH PAVEMENT REPLACEMENT EARTHWORK DETAIL
STH 32
STA 384+07 - STA 405+03

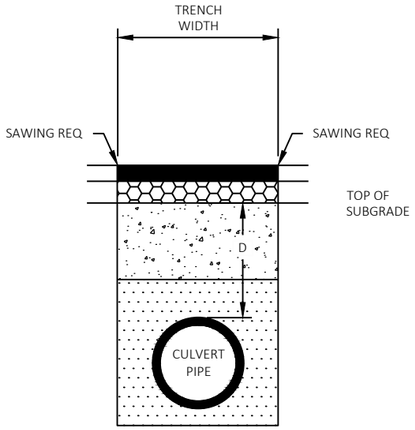
LEGEND

- EXCAVATION COMMON AND NEW HMA PAVEMENT (44' WIDTH)
- ESTIMATED TOP OF EXISTING BASE AGGREGATE COURSE (SHOWN ON CROSS SECTIONS)

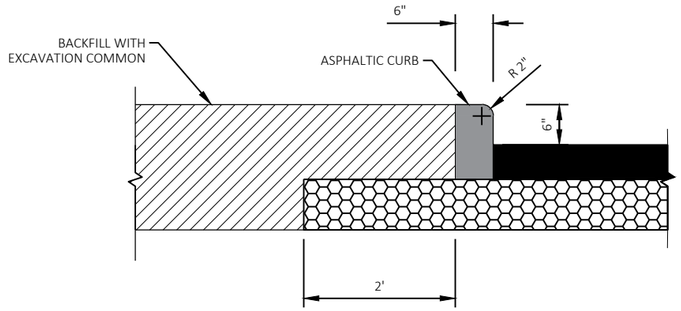
NOTES
REMOVE EXISTING ASPHALTIC PAVEMENT FULL DEPTH (PAID AS REMOVING ASPHALTIC SURFACE)

REMOVING ASPHALTIC SURFACE AND REMOVING CONCRETE SIDEWALK VOLUMES ARE ALSO INCLUDED IN EXCAVATION COMMON

** SEE PLANS FOR LOCATIONS OF SIDEWALK WORK



DEPTH D < 6 FT

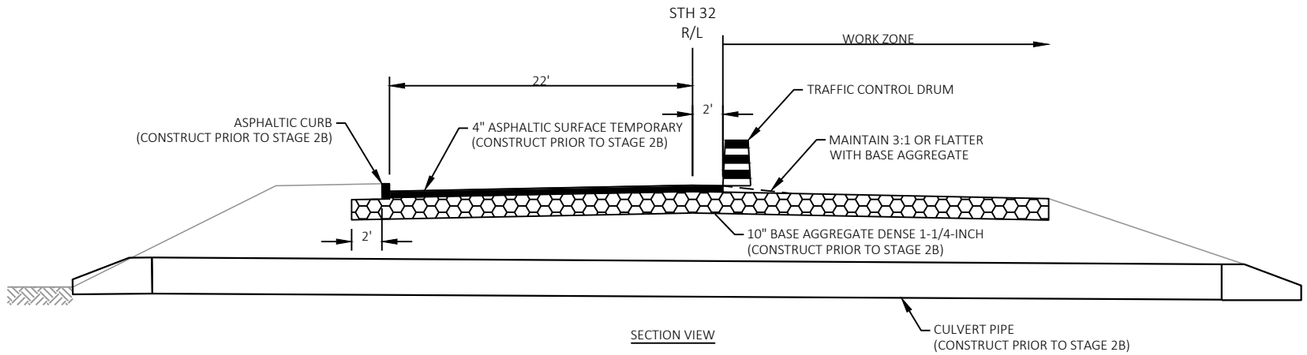


ASPHALTIC CURB DETAIL

STA 403+95 - STA 404+15, LT

LEGEND

- ASPHALTIC SURFACE TEMPORARY (MATCH EXISTING, 4" MIN)
- PROPOSED BASE (10" MIN BASE AGGREGATE DENSE 1-1/4-INCH)
- TRENCH BACKFILL
- FOUNDATION BACKFILL



SECTION VIEW

NOTES

BACKFILL TRENCH AS SPECIFIED IN STANDARD SPEC 520

PERFORM CULVERT PIPE INSTALLATION BEFORE THE PAVEMENT REPLACEMENT

PLACE ASPHALTIC SURFACE TEMPORARY AFTER CULVERT PIPE INSTALLATION AND BEFORE THE PAVEMENT REPLACEMENT OPERATIONS

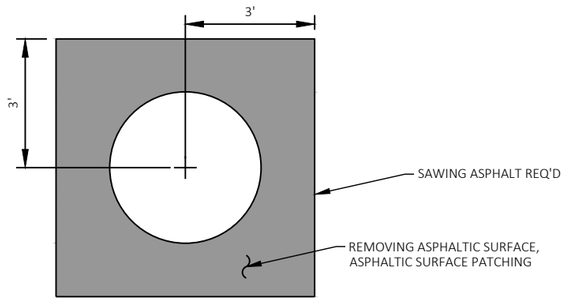
∗ DEPTH IS MEASURED AT THE DEEPEST PORTION OF THE PIPE WITHIN THE SUBGRADE SHOULDER POINTS

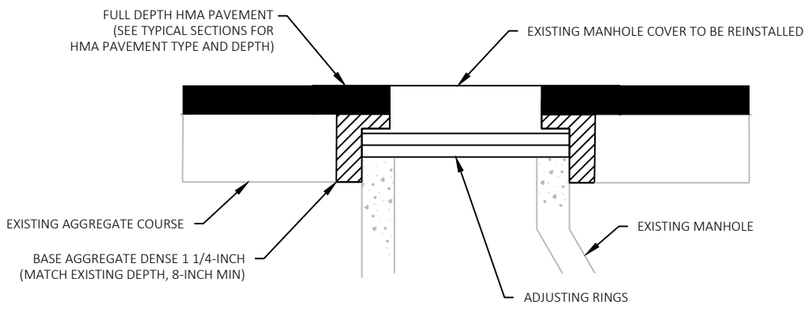
CULVERT REPLACEMENT COULD OCCUR ALL IN STAGE 1 UNDER FLAGGING OR HALF AT A TIME IN STAGE 1/STAGE 2A

CULVERT PIPE DETAIL

ROUTE	CULVERT NUMBER	STA (CL)	∗ DEPTH D (FT)	PIPE SIZE (IN)
STH 32	21032000270	404+06	0.5'	29"X45" HE

2





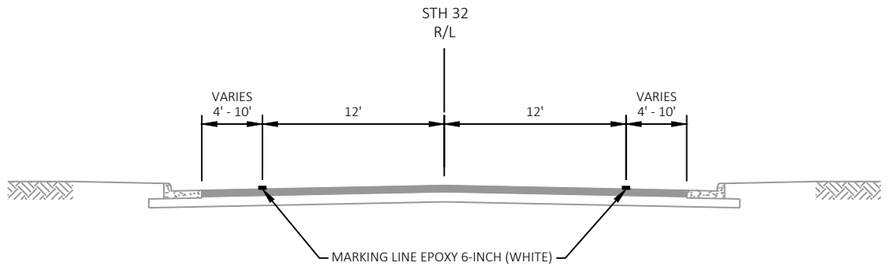
ADJUSTING SANITARY SEWER MANHOLE COVERS IN ASPHALTIC PAVEMENT

NOTES
THE PATCHING FOR THE WATER VALVES SHOULD FOLLOW A SIMILAR DETAIL, EXCEPT THAT THE ANTICIPATED PAVEMENT REMOVAL AREA IS ESTIMATED AT 3' X 3'.

ADJUST THE MANHOLES TO THE PROPER ELEVATION PRIOR TO PLACING THE SURFACE LAYER OF HMA.

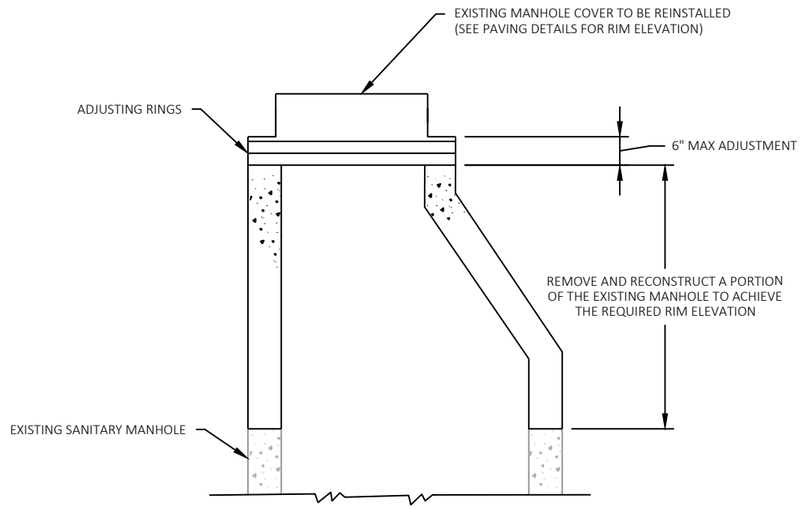
ADJUSTING SANITARY SEWER MANHOLE COVERS DETAIL

STA 341+68 - STA 377+56



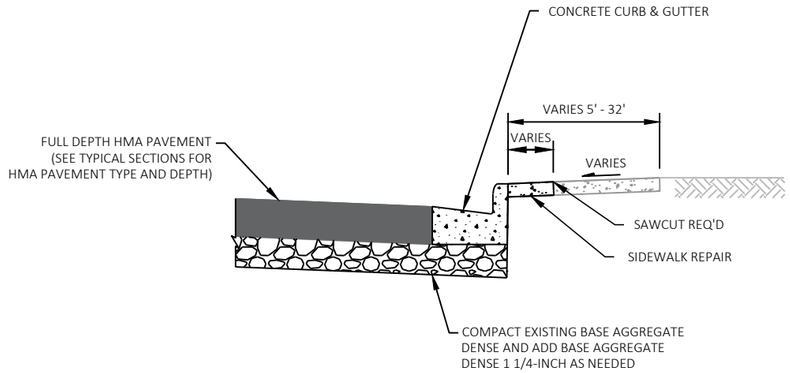
URBAN EDGELINE MARKING DETAIL

STA 331+07 - STA 405+03



RECONSTRUCTING SANITARY MANHOLE DETAIL

STA 374+88, LT



SIDEWALK REPAIR DETAIL

LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER

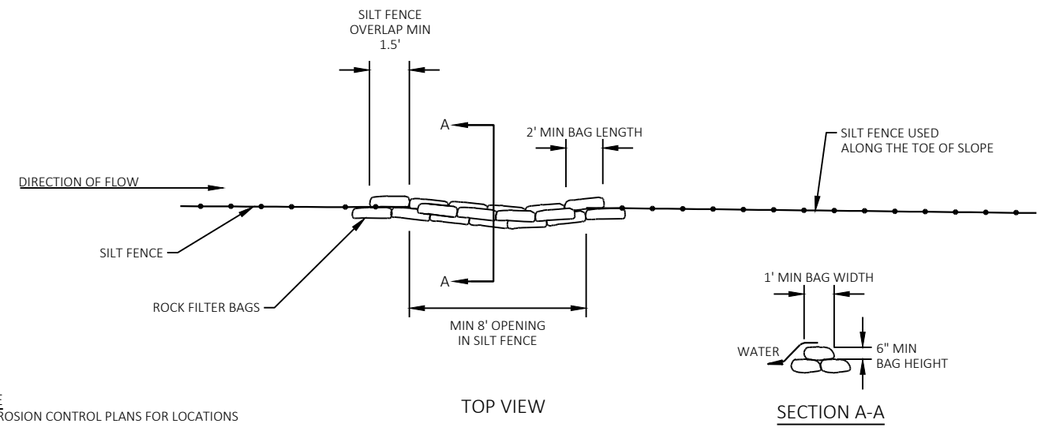
NOTES

SIDEWALK REPAIR IN LOCATIONS WHERE THE EXISTING SIDEWALK IS DETERIORATED AND IS NEEDED TO CREATE A CLEAN EDGE BETWEEN THE SIDEWALK AND CURB AND GUTTER

COMPLETE CURB & GUTTER REPLACEMENTS PRIOR TO PLACING THE HMA PAVEMENT ON STH 32

AREAS OF SIDEWALK REPAIR ARE ESTIMATED, MAY VARY DEPENDING ON OBSERVED FIELD CONDITIONS, AND REQUIRE APPROVAL BY THE ENGINEER.

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



NOTE

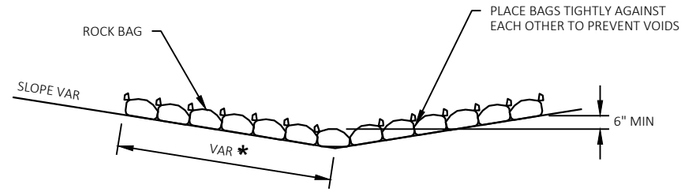
SEE EROSION CONTROL PLANS FOR LOCATIONS

TOP VIEW

SECTION A-A

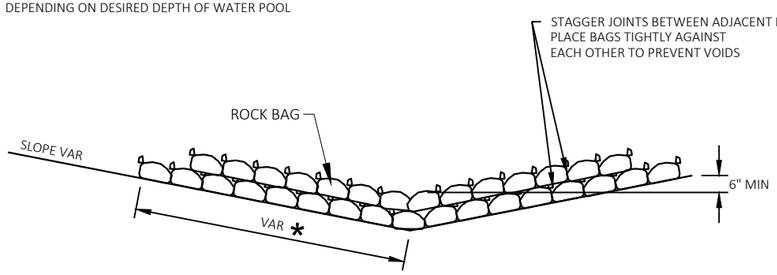
ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL

PAID AS ROCK BAGS

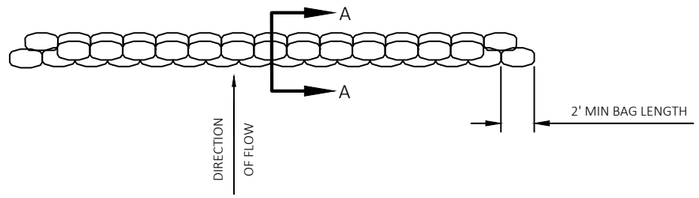


SIDE VIEW (SINGLE LAYER)

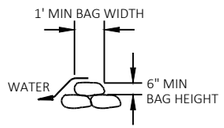
* LENGTH AND NUMBER OF BAGS MAY VARY DEPENDING ON DESIRED DEPTH OF WATER POOL



SIDE VIEW (MULTIPLE LAYER)



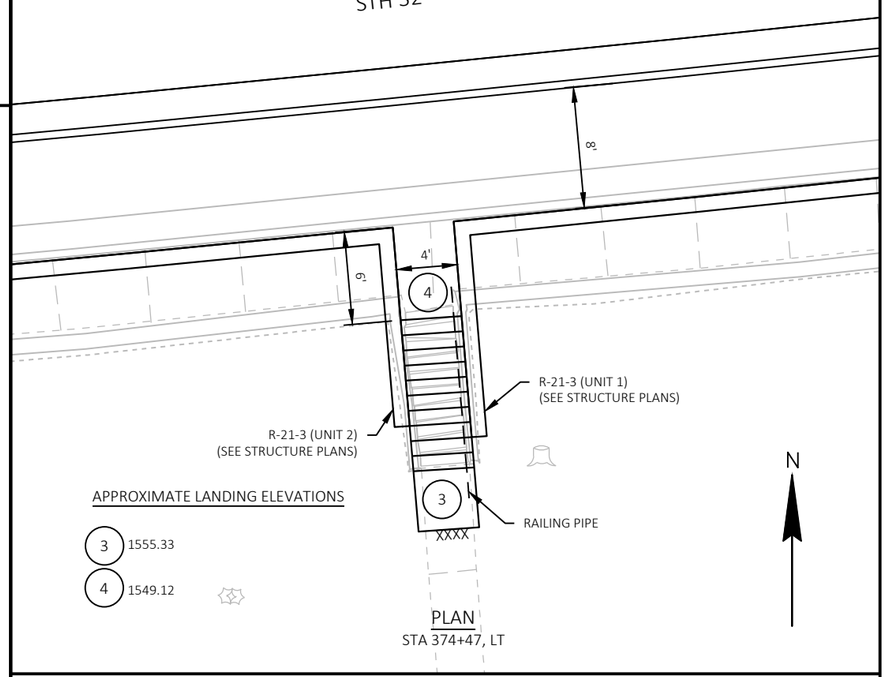
TOP VIEW (MULTIPLE LAYER)



SECTION A-A

ROCK BAGS USED FOR DITCH CHECKS DETAIL

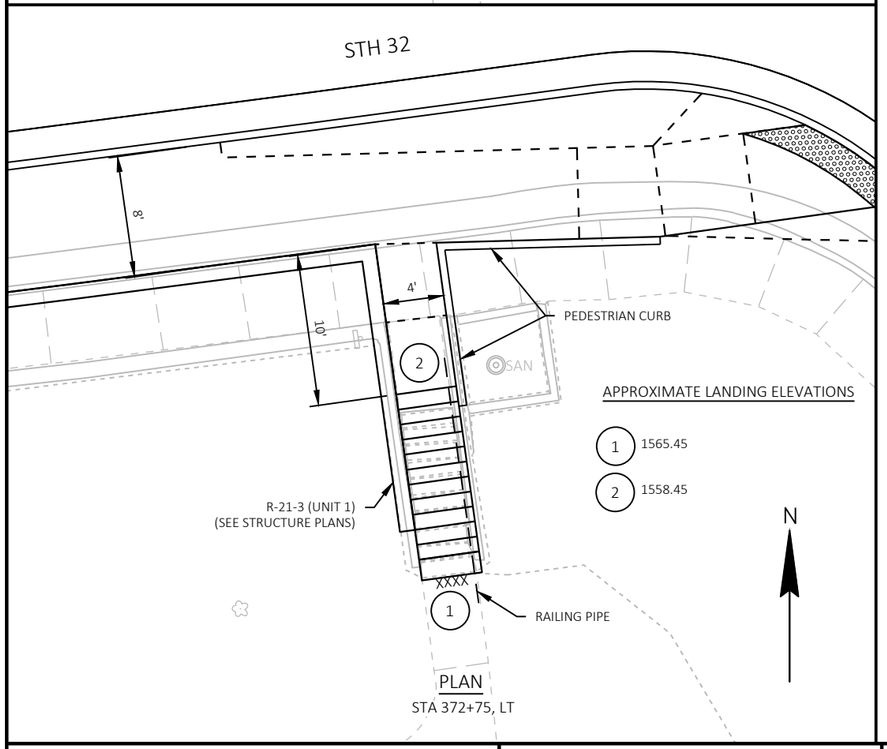
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CONSTRUCTION DETAILS	SHEET 18	E



APPROXIMATE LANDING ELEVATIONS

3	1555.33
4	1549.12

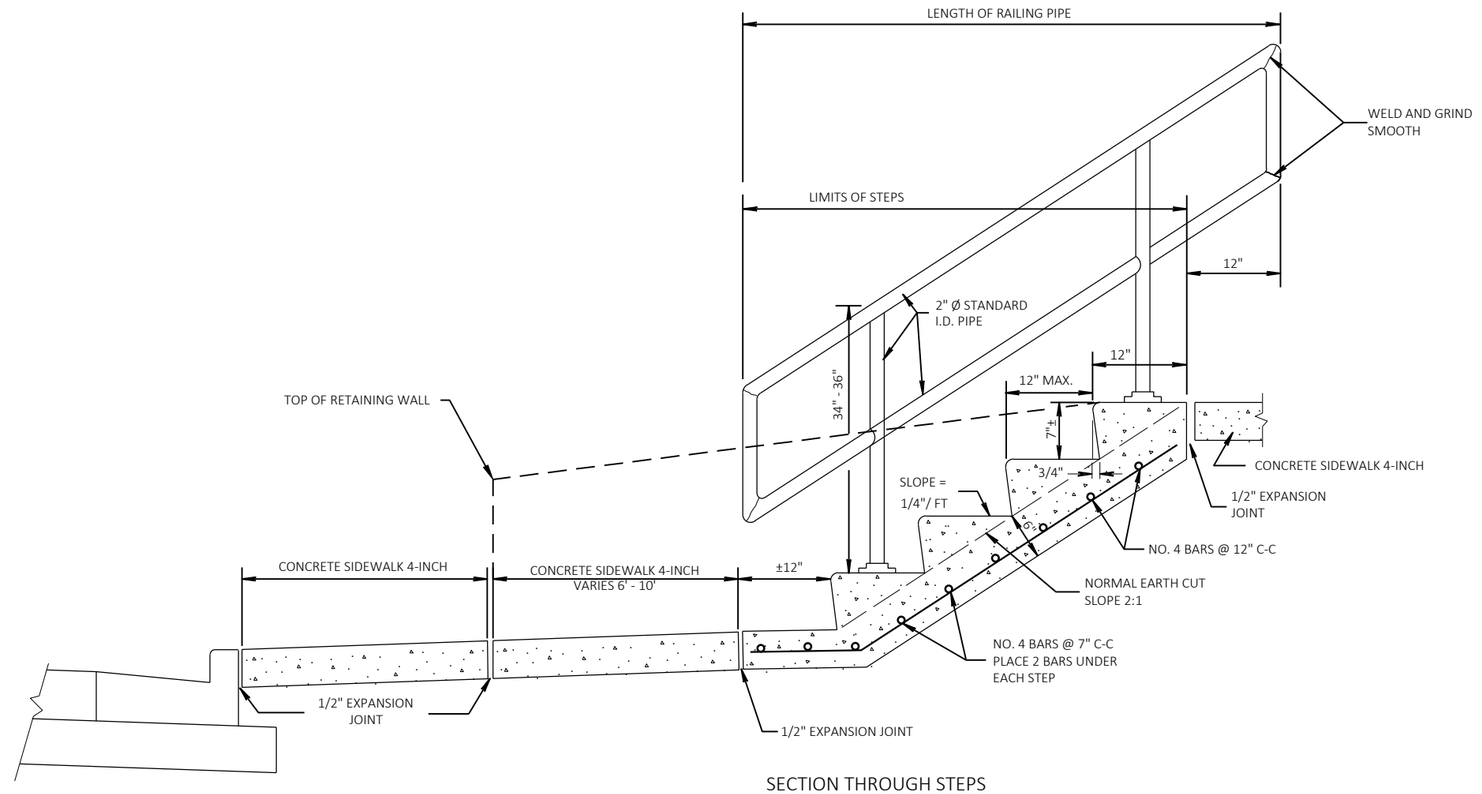
PLAN
STA 374+47, LT



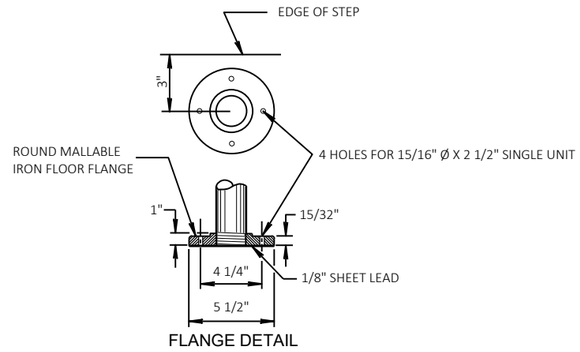
APPROXIMATE LANDING ELEVATIONS

1	1565.45
2	1558.45

PLAN
STA 372+75, LT



SECTION THROUGH STEPS



FLANGE DETAIL

NOTES

THE EXACT LOCATION, WIDTHS, & NUMBER OF STEPS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

MINIMUM WIDTH OF STEP EQUALS 4 FEET.

RAILING TO BE PLACED ON LEFT ASCENDING SIDE OF STEPS ONLY.

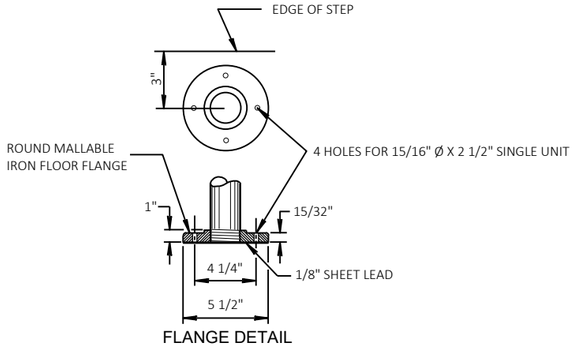
ELEVEN STEPS ANTICIPATED AT 7" EACH FOR STA 372+75, LT.

TEN STEPS ANTICIPATED AT 7" EACH FOR STA 374+47, LT.

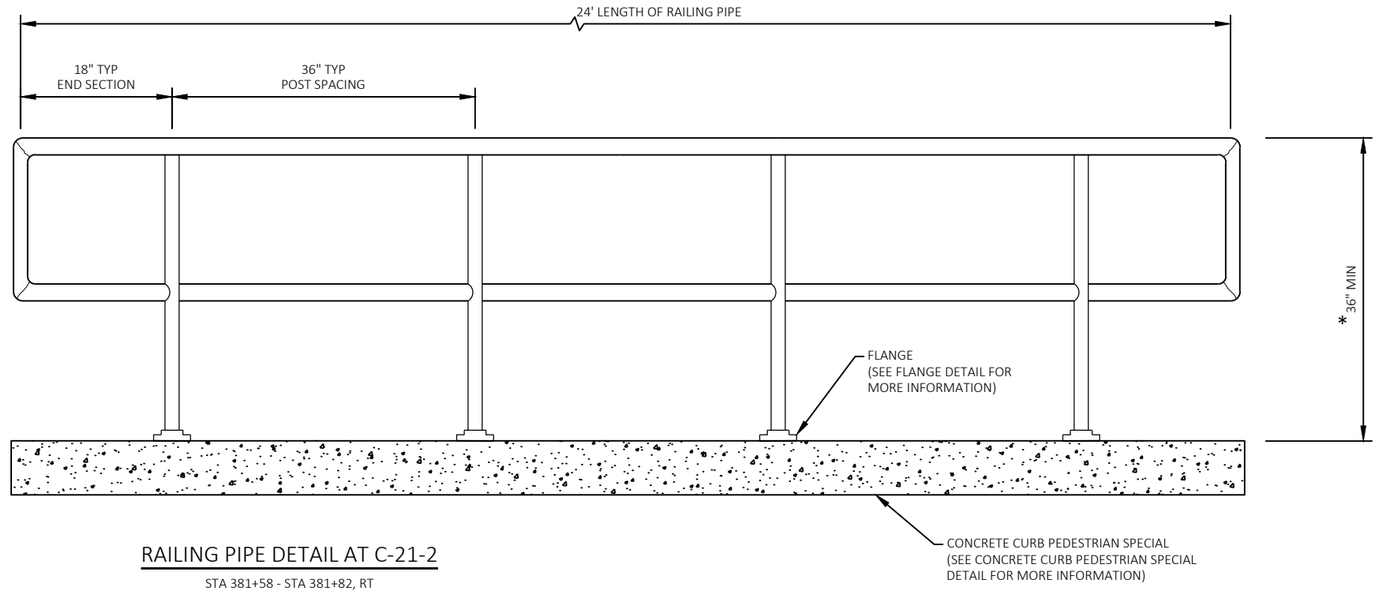
CONCRETE STEPS DETAIL

STA 372+75, LT
STA 374+47, LT

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CONSTRUCTION DETAILS	SHEET 19	E



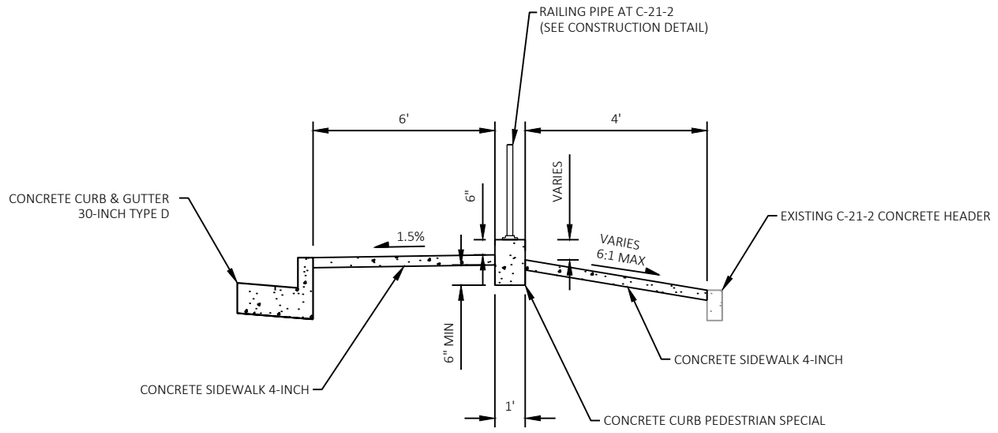
FLANGE DETAIL



RAILING PIPE DETAIL AT C-21-2

STA 381+58 - STA 381+82, RT

NOTE
* 42" MIN FROM THE TOP OF SIDEWALK



CONCRETE CURB PEDESTRIAN SPECIAL DETAIL

STA 381+58 - STA 381+82, RT

2

LEGEND

DELINEATED WETLAND BOUNDARY

SLOPE INTERCEPT

RIPRAP MEDIUM (SEE EROSION CONTROL DETAILS)

STH 32

380+00 381+00 382+00

N

S86° 22' 49"W

INVERT = 1526.10

INVERT = 1526.40

PROPOSED R/W

DITCH BOTTOM (TYP)

TLE

R/W

1527.00

1525.47

INVERT = 1526.48

CONC CE

WEIR

1525.18

* RIPRAP MEDIUM

NOTE

* PLACE RIPRAP MEDIUM IN THE TRENCH CREATED BY THE EXISTING STORM SEWER REMOVAL TO RESTORE THE GAP ALONG THE STREAMBANK.

1536 1532 1528 1524 1520

EXISTING GROUND

FINISHED PROFILE

DITCH PROFILE RIGHT

TOP OF STREAM BANK (+/-)

STA 379+84 EL 1529.20

-2.63%

-25.00%

STA 379+92 EL 1529.00

STA 380+02 EL 1526.40

-0.41%

STA 380+75 EL 1526.10

-0.30%

STA 381+32 EL 1525.93

WEIR

25.00%

STA 381+40 EL 1528.00

STA 381+84 EL 1528.50

25.00%

0.30%

22.81%

STA 382+16 EL 1530.10

DITCH PROFILE RIGHT

STA 381+92 EL 1526.43

STA 382+00 EL 1526.45

FINISHED PROFILE ELEVATION AT R/L

EXISTING GROUND ELEVATION AT R/L

1529.80 1529.63 | 1529.62 1529.46 | 1529.59 1529.56 | 1529.79 1529.84 | 1530.04 1530.12 | 1530.32 1530.40

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CONSTRUCTION DETAIL - STORM SEWER OUTLET GRADING	SHEET 21	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021003-CD.DWG
LAYOUT NAME - 01

PLOT DATE : 10/12/2023 10:41 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

LEGEND

	HMA PAVEMENT (SEE TYPICAL SECTIONS FOR DEPTH AND LAYER INFORMATION)	D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
B1	6" BASE AGGREGATE DENSE 3/4-INCH	D2	CONCRETE DRIVEWAY 6-INCH
B2	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS) (SEE TYPICAL SECTIONS FOR DEPTH INFORMATION)	D3	CONCRETE DRIVEWAY HES 6-INCH
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D	D4	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)	F1	ASPHALTIC FLUMES
C3	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J	F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
C4	CONCRETE CURB PEDESTRIAN		
C5	CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAIL)	S1	CONCRETE SIDEWALK 4-INCH

Y1	VARIABLE DEPTH REMOVING ASPHALTIC SURFACE MILLING 1 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE)		
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)		
XXXXXXX	SAWCUT		
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN FOR ADDITIONAL INFO)		
	ADJUSTING INLET COVERS		
SAN	ADJUSTING SANITARY MANHOLE COVERS		
WV	ADJUSTING WATER VALVE BOXES		
	SURFACE WATER FLOW		

NOTES

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

CURB & GUTTER GRADES ARE SHOWN AT 50' INTERVALS.

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

PRIVATE SIDEWALKS SHALL MATCH EXISTING WIDTH.

PLACE CURB HEAD TRANSITIONS AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

* SEE CURB RAMP DETAILS FOR ADDITIONAL CURB & GUTTER AND SIDEWALK INFORMATION.

N

2

CENTERLINE SHIFT

POST

BEGIN PROJECT
STA 328+70
BUTT JOINT REQ'D
(SEE CONSTRUCTION DETAILS)

329+00 330+00 331+00 332+00 333+00 334+00

STH 32

B2 B1 Y1 Y2 C1

+56 15' LT

+07

+20 15' RT

+76 42' RT

+92 42' RT

16'

16'

16'

BASE AGG FE

REMOVING CURB & GUTTER

O/S 16.00', LT 1546.11'
O/S 16.00', LT 1545.59'
O/S 16.00', LT 1545.02'
O/S 16.00', LT 1544.46'
O/S 16.00', LT 1543.90'
O/S 16.00', LT 1543.34'
O/S 16.00', LT 1542.78'

O/S 16.00', RT 1545.59'
O/S 16.00', RT 1545.02'
O/S 16.00', RT 1544.46'
O/S 16.00', RT 1543.90'
O/S 16.00', RT 1543.34'
O/S 16.00', RT 1542.78'
O/S 16.00', RT 1546.11'

REMOVING CURB & GUTTER

GUY

POST

GUY

NICOLET STATE TRAIL

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PAVING DETAILS	SHEET 22	E

LEGEND

	HMA PAVEMENT (SEE TYPICAL SECTIONS FOR DEPTH AND LAYER INFORMATION)	D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
B1	6" BASE AGGREGATE DENSE 3/4-INCH	D2	CONCRETE DRIVEWAY 6-INCH
B2	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS) (SEE TYPICAL SECTIONS FOR DEPTH INFORMATION)	D3	CONCRETE DRIVEWAY HES 6-INCH
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D	D4	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)	F1	ASPHALTIC FLUMES
C3	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J	F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
C4	CONCRETE CURB PEDESTRIAN		
C5	CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAIL)	S1	CONCRETE SIDEWALK 4-INCH

Y1	VARIABLE DEPTH REMOVING ASPHALTIC SURFACE MILLING 1 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE)		
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)		
XXXXXXX	SAWCUT		
● / ■	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN FOR ADDITIONAL INFO)		
▭	ADJUSTING INLET COVERS		
SAN	ADJUSTING SANITARY MANHOLE COVERS		
WV	ADJUSTING WATER VALVE BOXES		
~→	SURFACE WATER FLOW		

NOTES

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

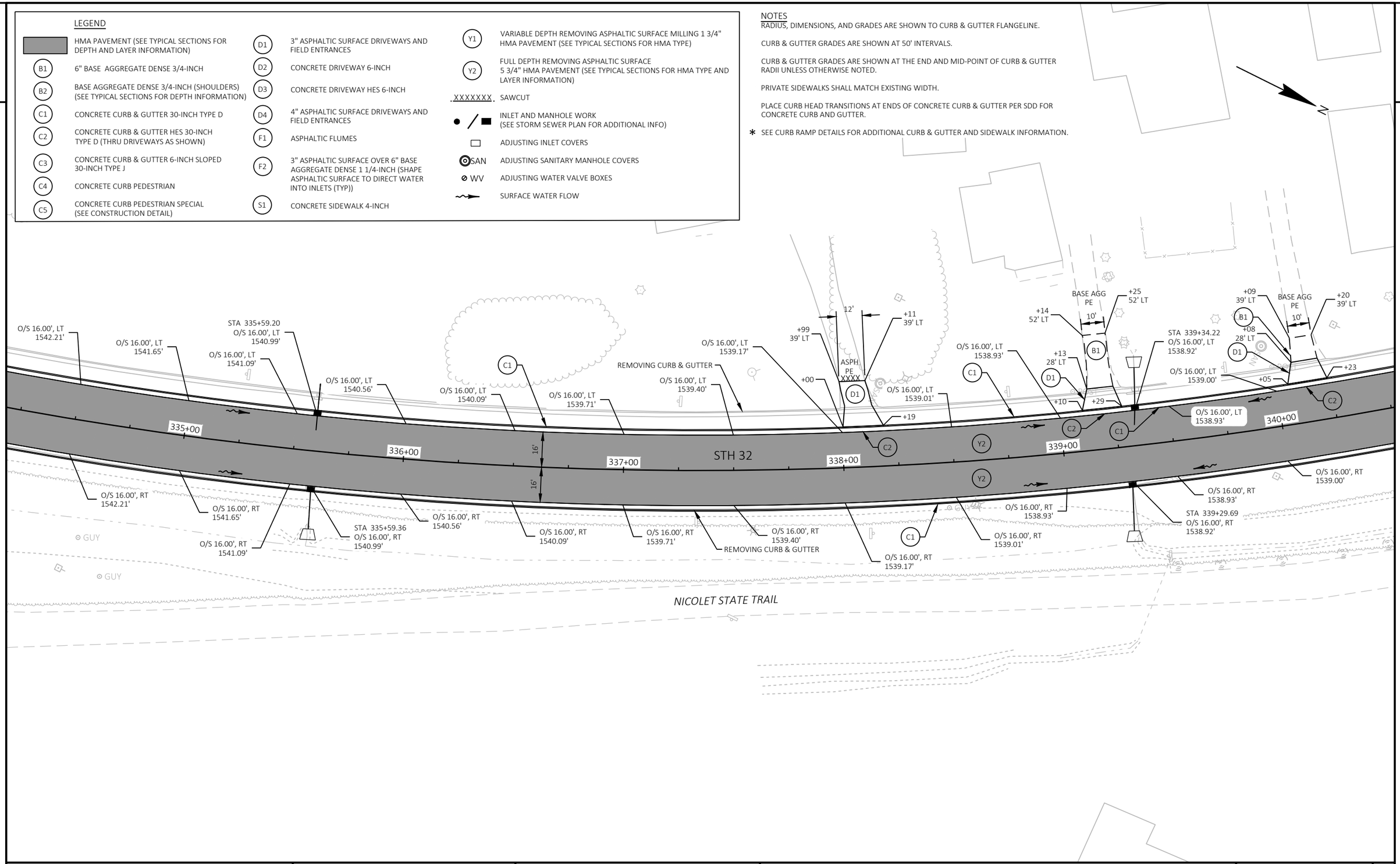
CURB & GUTTER GRADES ARE SHOWN AT 50' INTERVALS.

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

PRIVATE SIDEWALKS SHALL MATCH EXISTING WIDTH.

PLACE CURB HEAD TRANSITIONS AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

* SEE CURB RAMP DETAILS FOR ADDITIONAL CURB & GUTTER AND SIDEWALK INFORMATION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PAVING DETAILS	SHEET 23 E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 02

PLOT DATE : 10/11/2023 3:57 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- HMA PAVEMENT (SEE TYPICAL SECTIONS FOR DEPTH AND LAYER INFORMATION)
- B1 — 6" BASE AGGREGATE DENSE 3/4-INCH
- B2 — BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS) (SEE TYPICAL SECTIONS FOR DEPTH INFORMATION)
- C1 — CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 — CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C3 — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J
- C4 — CONCRETE CURB PEDESTRIAN
- C5 — CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAIL)
- D1 — 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D2 — CONCRETE DRIVEWAY 6-INCH
- D3 — CONCRETE DRIVEWAY HES 6-INCH
- D4 — 4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- F1 — ASPHALTIC FLUMES
- F2 — 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 — CONCRETE SIDEWALK 4-INCH
- Y1 — VARIABLE DEPTH REMOVING ASPHALTIC SURFACE MILLING 1 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE)
- Y2 — FULL DEPTH REMOVING ASPHALTIC SURFACE 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- XXXXXXX — SAWCUT
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN FOR ADDITIONAL INFO)
- ADJUSTING INLET COVERS
- SAN — ADJUSTING SANITARY MANHOLE COVERS
- WV — ADJUSTING WATER VALVE BOXES
- SURFACE WATER FLOW

NOTES

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

CURB & GUTTER GRADES ARE SHOWN AT 50' INTERVALS.

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

PRIVATE SIDEWALKS SHALL MATCH EXISTING WIDTH.

PLACE CURB HEAD TRANSITIONS AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

* SEE CURB RAMP DETAILS FOR ADDITIONAL CURB & GUTTER AND SIDEWALK INFORMATION.

N

LIND AVE

RIVER ST (EAST)

END CONSTRUCTION STA 19+30 SAWCUT REQ'D MATCH EXISTING

STA 19+30.00 O/S 18.99', RT 1543.75'

STA 19+42.44 O/S 22.69', RT 1542.01'

STA 19+62.15 O/S 25.45', RT 1542.12'

STA 19+29.88 O/S 21.37', LT 1542.72'

STA 19+36.51 O/S 24.95', LT 1541.41'

STA 19+39.01 O/S 25.05', LT 1541.27'

STA 19+48.52 O/S 25.43', LT 1541.70'

STA 344+51.36 O/S 16.00', LT 1542.25'

REMOVING CURB & GUTTER

REMOVING CONCRETE SIDEWALK

REMOVING CURB & GUTTER

REMOVING CONCRETE SIDEWALK

CLOSE EXISTING CURB CUT

STH 32

NICOLET STATE TRAIL

CTH C

BROADWAY ST

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PAVING DETAILS	SHEET 24	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 03

PLOT DATE : 10/11/2023 3:57 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

LEGEND

	HMA PAVEMENT (SEE TYPICAL SECTIONS FOR DEPTH AND LAYER INFORMATION)	D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
B1	6" BASE AGGREGATE DENSE 3/4-INCH	D2	CONCRETE DRIVEWAY 6-INCH
B2	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS) (SEE TYPICAL SECTIONS FOR DEPTH INFORMATION)	D3	CONCRETE DRIVEWAY HES 6-INCH
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D	D4	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)	F1	ASPHALTIC FLUMES
C3	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J	F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
C4	CONCRETE CURB PEDESTRIAN		
C5	CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAIL)	S1	CONCRETE SIDEWALK 4-INCH

Y1	VARIABLE DEPTH REMOVING ASPHALTIC SURFACE MILLING 1 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE)
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
XXXXXXX	SAWCUT
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN FOR ADDITIONAL INFO)
	ADJUSTING INLET COVERS
SAN	ADJUSTING SANITARY MANHOLE COVERS
WV	ADJUSTING WATER VALVE BOXES
	SURFACE WATER FLOW

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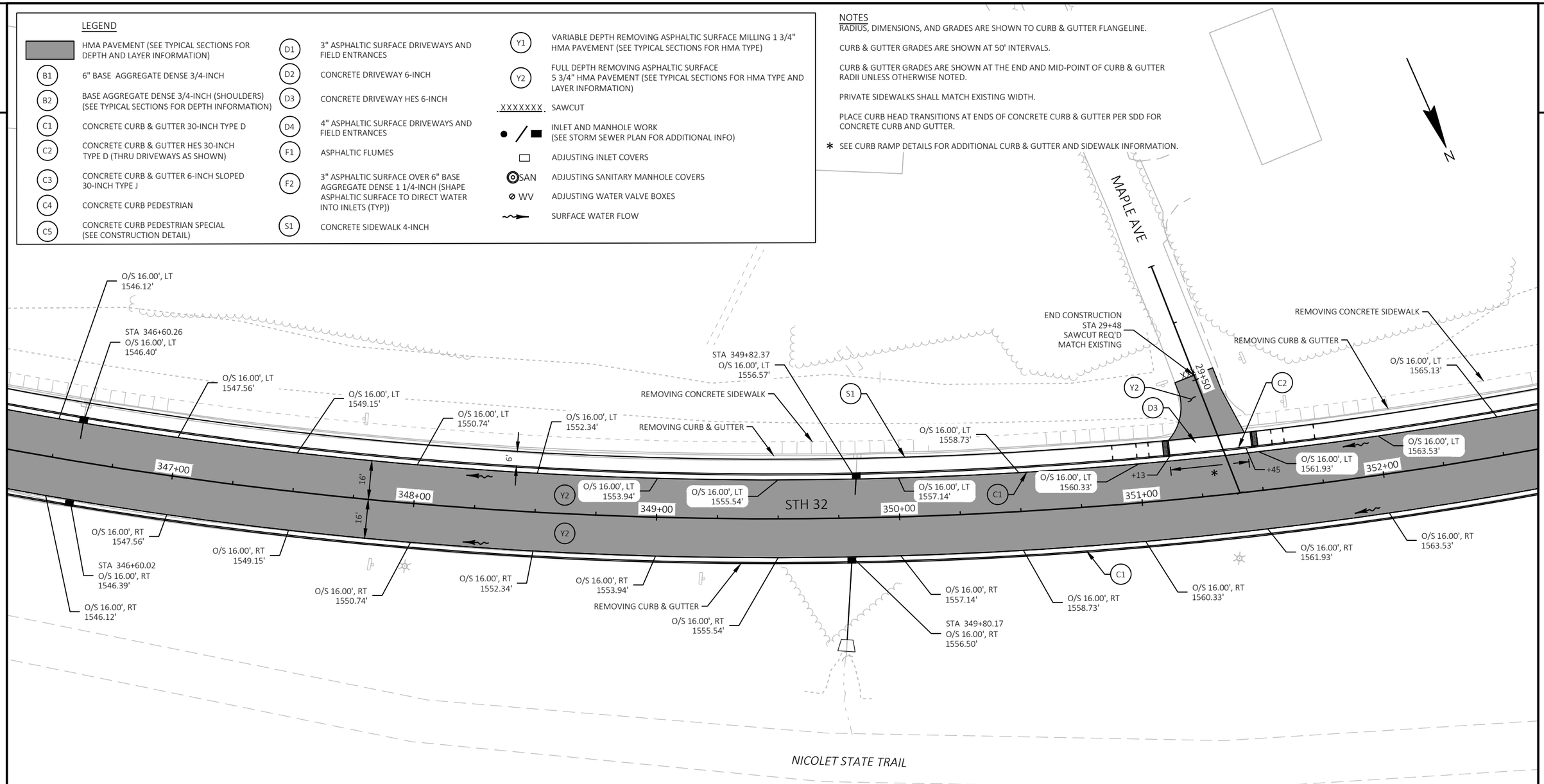

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PAVING DETAILS	SHEET 25	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 04

PLOT DATE : 10/11/2023 3:57 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

LEGEND

	HMA PAVEMENT (SEE TYPICAL SECTIONS FOR DEPTH AND LAYER INFORMATION)	D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
B1	6" BASE AGGREGATE DENSE 3/4-INCH	D2	CONCRETE DRIVEWAY 6-INCH
B2	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS) (SEE TYPICAL SECTIONS FOR DEPTH INFORMATION)	D3	CONCRETE DRIVEWAY HES 6-INCH
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D	D4	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)	F1	ASPHALTIC FLUMES
C3	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J	F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
C4	CONCRETE CURB PEDESTRIAN		
C5	CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAIL)	S1	CONCRETE SIDEWALK 4-INCH

Y1	VARIABLE DEPTH REMOVING ASPHALTIC SURFACE MILLING 1 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE)
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
XXXXXXX	SAWCUT
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN FOR ADDITIONAL INFO)
	ADJUSTING INLET COVERS
SAN	ADJUSTING SANITARY MANHOLE COVERS
WV	ADJUSTING WATER VALVE BOXES
	SURFACE WATER FLOW

NOTES

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* SEE CURB RAMP DETAILS FOR ADDITIONAL CURB & GUTTER AND SIDEWALK INFORMATION.

N

2

END CONSTRUCTION
STA 39+25
SAWCUT REQ'D
MATCH EXISTING

ELM AVE

STA 356+26.45
O/S 43.62', LT
1572.06'

STA 39+35.00
O/S 24.64', LT
1571.50'

STA 357+20.00
O/S 44.00', LT
1569.08'

+11
20' LT

+32
28' LT

+25
28' RT

STA 39+31.20
O/S 24.72', RT
1571.07'

+49
28' RT

STA 39+51.13
O/S 25.56', RT
1570.90'

+53
30' RT

STA 39+54.94
O/S 25.52', RT
1571.87'

STA 39+51.70
O/S 24.56', LT
1571.02'

STA 39+56.50
O/S 24.56', LT
1571.97'

+57
28' LT

REMOVING CONCRETE SIDEWALK

+03
59' LT

11'

+14
59' LT

O/S 20.00', LT
1569.19'

O/S 20.00', LT
1567.94'

REMOVING CURB & GUTTER
O/S 20.00', LT
1570.30'

O/S 16.00', LT
1565.13'

STA 352+97.59
O/S 16.00', LT
1566.65'

O/S 16.00', LT
1566.72'

O/S 16.00', LT
1569.92'

REMOVING CONCRETE SIDEWALK

REMOVING CURB & GUTTER

O/S 16.00', LT
1571.46'

STA 355+74.49
O/S 16.00', LT
1573.14' HP

O/S 16.00', LT
1573.08'

STA 355+98.89
O/S 16.00', LT
1573.08'

O/S 16.00', LT
1572.54'

O/S 16.00', LT
1568.32'

353+00

354+00

355+00

356+00

357+00

358+00

STH 32

39+50

16'

16'

20'

16'

O/S 16.00', RT
1565.13'

STA 352+98.29
O/S 16.00', RT
1566.67'

O/S 16.00', RT
1566.72'

O/S 16.00', RT
1568.32'

O/S 16.00', RT
1569.92'

O/S 16.00', RT
1571.46'

REMOVING CURB & GUTTER

O/S 16.00', RT
1572.54'

O/S 16.00', RT
1573.08'

STA 355+74.49
O/S 16.00', RT
1573.14' HP

O/S 16.00', RT
1573.07'

O/S 16.00', RT
1572.52'

O/S 16.00', RT
1571.49'

O/S 16.00', RT
1570.38'

O/S 16.00', RT
1569.27'

NICOLET STATE TRAIL

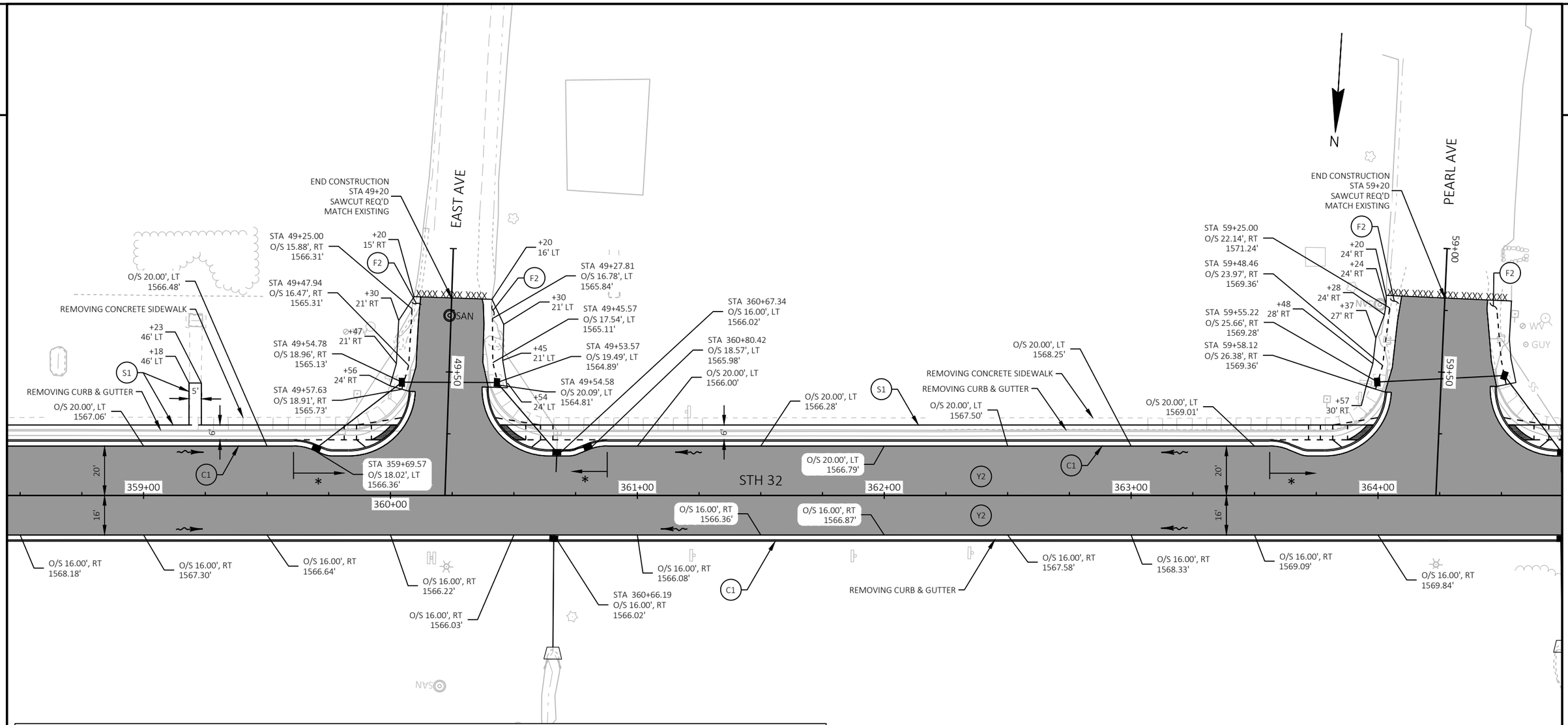
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PAVING DETAILS	SHEET 26	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 05

PLOT DATE : 10/11/2023 3:58 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2



LEGEND

	HMA PAVEMENT (SEE TYPICAL SECTIONS FOR DEPTH AND LAYER INFORMATION)	D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
B1	6" BASE AGGREGATE DENSE 3/4-INCH	D2	CONCRETE DRIVEWAY 6-INCH
B2	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS) (SEE TYPICAL SECTIONS FOR DEPTH INFORMATION)	D3	CONCRETE DRIVEWAY HES 6-INCH
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D	D4	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)	F1	ASPHALTIC FLUMES
C3	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J	F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
C4	CONCRETE CURB PEDESTRIAN		
C5	CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAIL)	S1	CONCRETE SIDEWALK 4-INCH

Y1	VARIABLE DEPTH REMOVING ASPHALTIC SURFACE MILLING 1 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE)		
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)		
XXXXXXX	SAWCUT		
● / ■	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN FOR ADDITIONAL INFO)		
□	ADJUSTING INLET COVERS		
SAN	ADJUSTING SANITARY MANHOLE COVERS		
WV	ADJUSTING WATER VALVE BOXES		
~→	SURFACE WATER FLOW		

NOTES

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PLACE CURB HEAD TRANSITIONS AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

* SEE CURB RAMP DETAILS FOR ADDITIONAL CURB & GUTTER AND SIDEWALK INFORMATION.

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PAVING DETAILS	SHEET 27	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 06
PLOT DATE : 10/11/2023 3:58 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

LEGEND

- HMA PAVEMENT (SEE TYPICAL SECTIONS FOR DEPTH AND LAYER INFORMATION)
- B1 — 6" BASE AGGREGATE DENSE 3/4-INCH
- B2 — BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS) (SEE TYPICAL SECTIONS FOR DEPTH INFORMATION)
- C1 — CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 — CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C3 — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J
- C4 — CONCRETE CURB PEDESTRIAN
- C5 — CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAIL)
- D1 — 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D2 — CONCRETE DRIVEWAY 6-INCH
- D3 — CONCRETE DRIVEWAY HES 6-INCH
- D4 — 4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- F1 — ASPHALTIC FLUMES
- F2 — 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 — CONCRETE SIDEWALK 4-INCH
- Y1 — VARIABLE DEPTH REMOVING ASPHALTIC SURFACE MILLING 1 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE)
- Y2 — FULL DEPTH REMOVING ASPHALTIC SURFACE 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- XXXXXXX — SAWCUT
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN FOR ADDITIONAL INFO)
- ADJUSTING INLET COVERS
- SAN — ADJUSTING SANITARY MANHOLE COVERS
- WV — ADJUSTING WATER VALVE BOXES
- SURFACE WATER FLOW

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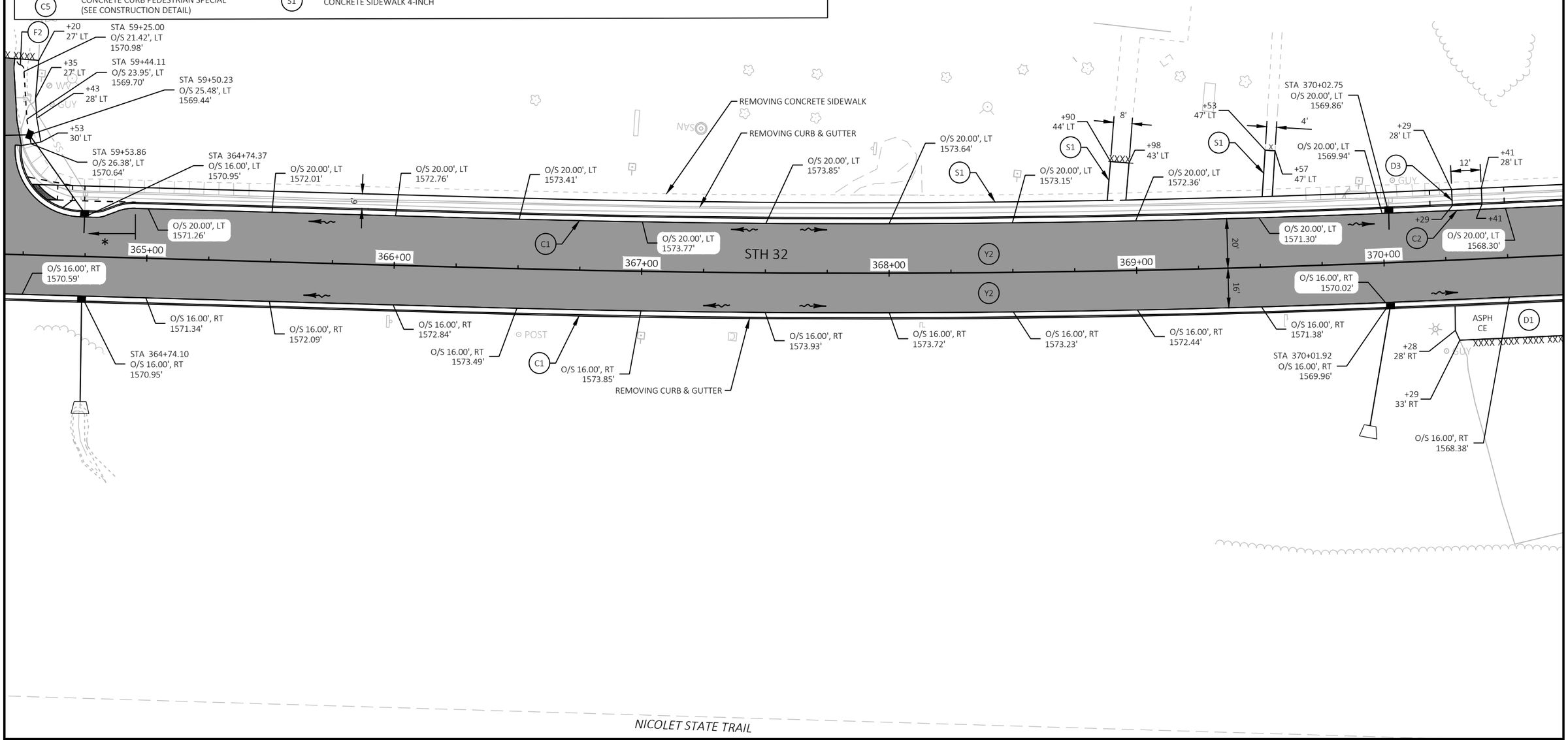
N

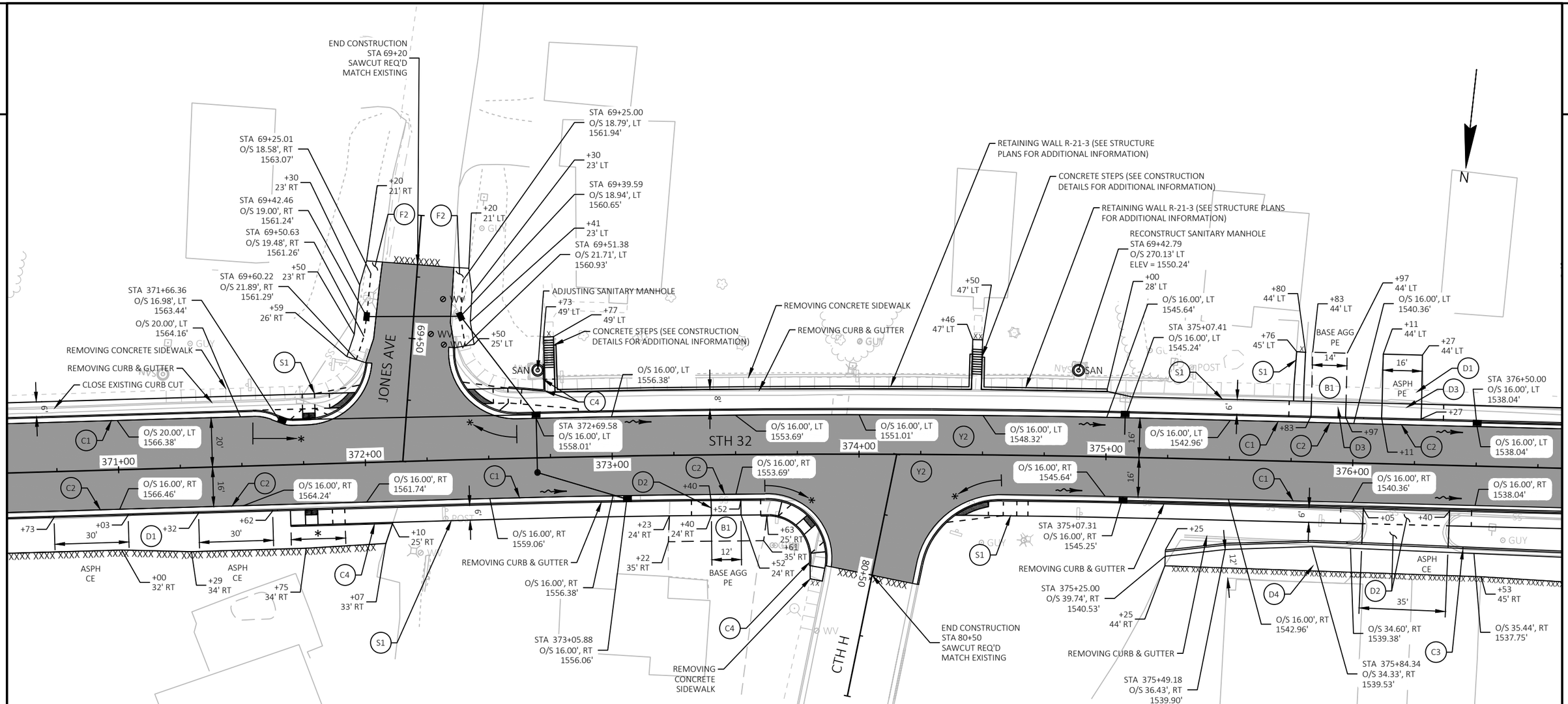


PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PAVING DETAILS	SHEET 28	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 07

PLOT DATE : 10/11/2023 3:58 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

	HMA PAVEMENT (SEE TYPICAL SECTIONS FOR DEPTH AND LAYER INFORMATION)	D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	Y1	VARIABLE DEPTH REMOVING ASPHALTIC SURFACE MILLING 1 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE)
B1	6" BASE AGGREGATE DENSE 3/4-INCH	D2	CONCRETE DRIVEWAY 6-INCH	Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
B2	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS) (SEE TYPICAL SECTIONS FOR DEPTH INFORMATION)	D3	CONCRETE DRIVEWAY HES 6-INCH	XXXXXXX	SAWCUT
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D	D4	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES		INLET AND MANHOLE WORK (SEE STORM SEWER PLAN FOR ADDITIONAL INFO)
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)	F1	ASPHALTIC FLUMES		ADJUSTING INLET COVERS
C3	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J	F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))	SAN	ADJUSTING SANITARY MANHOLE COVERS
C4	CONCRETE CURB PEDESTRIAN			WV	ADJUSTING WATER VALVE BOXES
C5	CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAIL)	S1	CONCRETE SIDEWALK 4-INCH		SURFACE WATER FLOW

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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PAVING DETAILS	SHEET 29	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 08
PLOT DATE : 10/11/2023 3:58 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- HMA PAVEMENT (SEE TYPICAL SECTIONS FOR DEPTH AND LAYER INFORMATION)
- B1 — 6" BASE AGGREGATE DENSE 3/4-INCH
- B2 — BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS) (SEE TYPICAL SECTIONS FOR DEPTH INFORMATION)
- C1 — CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 — CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C3 — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J
- C4 — CONCRETE CURB PEDESTRIAN
- C5 — CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAIL)
- D1 — 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D2 — CONCRETE DRIVEWAY 6-INCH
- D3 — CONCRETE DRIVEWAY HES 6-INCH
- D4 — 4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- F1 — ASPHALTIC FLUMES
- F2 — 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 — CONCRETE SIDEWALK 4-INCH
- Y1 — VARIABLE DEPTH REMOVING ASPHALTIC SURFACE MILLING 1 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE)
- Y2 — FULL DEPTH REMOVING ASPHALTIC SURFACE 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- XXXXXXX — SAWCUT
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN FOR ADDITIONAL INFO)
- ADJUSTING INLET COVERS
- SAN — ADJUSTING SANITARY MANHOLE COVERS
- WV — ADJUSTING WATER VALVE BOXES
- SURFACE WATER FLOW

NOTES

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

CURB & GUTTER GRADES ARE SHOWN AT 50' INTERVALS.

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

PRIVATE SIDEWALKS SHALL MATCH EXISTING WIDTH.

PLACE CURB HEAD TRANSITIONS AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

* SEE CURB RAMP DETAILS FOR ADDITIONAL CURB & GUTTER AND SIDEWALK INFORMATION.

\# EXISTING SIGN TO REMAIN IN PLACE. FORM CURB AND GUTTER AROUND SIGN AS DIRECTED BY THE ENGINEER.

N

CRANDON AVE

STH 32

RANGE LINE CREEK

END CONSTRUCTION STA 89+25 SAWCUT REQ'D MATCH EXISTING

STA 89+25.00 O/S 11.05', RT 1535.84'

STA 377+53.97 O/S 34.87', LT 1534.03'

REMOVING CURB & GUTTER

REMOVING CONCRETE SIDEWALK

STA 377+26.11 O/S 16.00', LT 1535.02'

STA 89+31.96 O/S 14.98', LT 1534.28'

+32 22' LT

+37 22' LT

+47 28' LT

STA 89+39.05 O/S 18.78', LT 1533.86'

STA 89+46.16 O/S 22.53', LT 1533.47'

STA 89+48.98 O/S 24.01', LT 1533.84'

+28 34' LT

+32 34' LT

+71 33' LT

+83 33' LT

ASPH PE 12'

REMOVING CONCRETE SIDEWALK

O/S 16.00', LT 1530.46'

REMOVING CURB & GUTTER

STA 379+20.01 O/S 16.00', LT 1530.14'

CLOSE EXISTING CURB CUT

STA 380+66.40 O/S 16.00', LT 1529.14'

STA 380+56.38 O/S 16.00', LT 1529.14'

O/S 16.00', LT 1529.14'

STA 380+31.33 O/S 16.00', LT 1529.17'

+79 36' LT

ASPH CE 30'

+09 36' LT

EXISTING STEEL RAILING ON C-1-2 (TO REMAIN)

+75 30' LT

+99 30' LT

STA 382+06.69 O/S 16.00', LT 1529.83'

O/S 16.00', LT 1529.80'

O/S 18.76', LT 1530.03'

STA 382+68.65 O/S 20.00', LT 1530.12'

STA 382+08.65 O/S 16.00', LT 1529.84'

+77 +07

O/S 16.00', LT 1535.98'

O/S 16.00', LT 1531.43'

+71

+83

O/S 16.00', LT 1529.75'

O/S 16.00', LT 1529.31'

O/S 16.00', LT 1529.24'

O/S 16.00', LT 1529.52'

377+00

378+00

379+00

380+00

381+00

382+00

16'

O/S 16.00', RT 1535.98'

O/S 16.00', RT 1534.20'

STA 377+60.47 O/S 16.00', RT 1533.86'

O/S 16.00', RT 1531.43'

O/S 16.00', RT 1530.46'

O/S 16.00', RT 1529.75'

O/S 16.00', RT 1529.31'

STA 380+29.71 O/S 16.00', RT 1529.18'

O/S 16.00', RT 1529.24'

O/S 16.00', RT 1529.52'

O/S 16.00', RT 1530.08'

+15 +50

+32 +67

35'

+02 35' RT

+25

+57

+90 46' RT

35'

ASPH CE

O/S 37.13', RT 1534.43'

STA 377+58.00 O/S 37.27', RT 1534.01'

STA 377+68.02 O/S 35.44', RT 1533.48'

CENTERLINE SHIFT

O/S 16.00', RT 1532.68'

O/S 37.50', RT 1532.50'

STA 377+82.00 O/S 37.50', RT 1533.01'

+73 45' RT

STA 377+71.39 O/S 35.50', RT 1533.30'

O/S 37.50', RT 1531.28'

O/S 37.50', RT 1530.09'

STA 379+20.00 O/S 16.00', RT 1530.14'

+78 45' RT

O/S 37.50', RT 1529.60'

O/S 37.50', RT 1529.43'

+79 43' RT

O/S 16.00', RT 1529.14'

STA 380+56.04 O/S 16.00', RT 1529.14'

REMOVING CURB & GUTTER

& RAILING PIPE (SEE CONSTRUCTION DETAIL FOR ADDITIONAL INFORMATION)

EXISTING STEEL RAILING ON C-1-2 (TO REMAIN)

+58 30' RT

+82 30' RT

O/S 16.00', RT 1529.80'

STA 382+06.71 O/S 16.00', RT 1529.83'

+25 29' RT

CONC CE 32'

+57 29' RT

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PAVING DETAILS	SHEET 30	E

2

LEGEND

- HMA PAVEMENT (SEE TYPICAL SECTIONS FOR DEPTH AND LAYER INFORMATION)
- B1 — 6" BASE AGGREGATE DENSE 3/4-INCH
- B2 — BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS) (SEE TYPICAL SECTIONS FOR DEPTH INFORMATION)
- C1 — CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 — CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C3 — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J
- C4 — CONCRETE CURB PEDESTRIAN
- C5 — CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAIL)
- D1 — 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D2 — CONCRETE DRIVEWAY 6-INCH
- D3 — CONCRETE DRIVEWAY HES 6-INCH
- D4 — 4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- F1 — ASPHALTIC FLUMES
- F2 — 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 — CONCRETE SIDEWALK 4-INCH
- Y1 — VARIABLE DEPTH REMOVING ASPHALTIC SURFACE MILLING 1 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE)
- Y2 — FULL DEPTH REMOVING ASPHALTIC SURFACE 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- XXXXXXX — SAWCUT
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN FOR ADDITIONAL INFO)
- ADJUSTING INLET COVERS
- SAN — ADJUSTING SANITARY MANHOLE COVERS
- WV — ADJUSTING WATER VALVE BOXES
- SURFACE WATER FLOW

NOTES

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

CURB & GUTTER GRADES ARE SHOWN AT 50' INTERVALS.

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

PRIVATE SIDEWALKS SHALL MATCH EXISTING WIDTH.

PLACE CURB HEAD TRANSITIONS AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

* SEE CURB RAMP DETAILS FOR ADDITIONAL CURB & GUTTER AND SIDEWALK INFORMATION.

N

RIVER ST (WEST)

END CONSTRUCTION, 50' LT
SAWCUT REQ'D
MATCH EXISTING

REMOVING CONCRETE SIDEWALK
REMOVING CURB & GUTTER
CLOSE EXISTING CURB CUT

+29 50' LT
+38 45' LT
+48 36' LT
+21 36' LT
+21 32' LT
+32 32' LT
35'
ASPH CE

O/S 20.00', LT 1530.21'
O/S 20.00', LT 1530.36'
O/S 22.00', LT 1531.47'
O/S 22.00', LT 1531.98'
O/S 22.00', LT 1532.34'
O/S 22.00', LT 1532.52'
O/S 22.00', LT 1532.63'
O/S 22.00', LT 1532.81'
O/S 22.00', LT 1533.68'
O/S 22.00', LT 1533.14'

STA 387+80.28
O/S 22.00', LT
1533.00'
+92 32' LT
+72 32' LT
+65
+85
ASPH CE 20'

MATCH EXISTING SANITARY MANHOLE COVER

STH 32

383+00 384+00 385+00 386+00 387+00 388+00

20' 16' 20' 22'

O/S 16.00', RT 1530.40'
O/S 16.16', RT 1530.74'
O/S 19.51', RT 1531.02'
O/S 20.00', RT 1531.25'
O/S 22.00', RT 1532.08'
O/S 22.00', RT 1532.36'
O/S 22.00', RT 1532.53'
O/S 22.00', RT 1532.84'
O/S 22.00', RT 1533.06'
O/S 22.00', RT 1533.30'

REMOVING CURB & GUTTER
RECONSTRUCTING INLETS

+48 +78
+84
+19
+59
+94
+25
+60
+05 30' RT
+92 30' RT
+92 31' RT

CONC CE 30'
ASPH CE 35'
ASPH CE 35'
ASPH CE 35'

STA 383+47.36
O/S 16.00', RT
1530.73'
+48 29' RT
+78 29' RT
STA 384+07.36
O/S 20.00', RT
1531.07'
+50 36' RT
+07 40' RT
+02 40' RT
+25 35' RT
+62 35' RT
O/S 22.00', RT 1532.80'
STA 387+81.57
O/S 22.00', RT
1532.87'

REMOVING CURB & GUTTER
END CONSTRUCTION, 52' RT
SAWCUT REQ'D
MATCH EXISTING
CLOSE EXISTING CURB CUT
REMOVING CONCRETE SIDEWALK

FAIRVIEW AVE

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PAVING DETAILS	SHEET 31	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 10

PLOT DATE : 10/11/2023 3:58 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

	HMA PAVEMENT (SEE TYPICAL SECTIONS FOR DEPTH AND LAYER INFORMATION)	D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
B1	6" BASE AGGREGATE DENSE 3/4-INCH	D2	CONCRETE DRIVEWAY 6-INCH
B2	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS) (SEE TYPICAL SECTIONS FOR DEPTH INFORMATION)	D3	CONCRETE DRIVEWAY HES 6-INCH
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D	D4	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)	F1	ASPHALTIC FLUMES
C3	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J	F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
C4	CONCRETE CURB PEDESTRIAN		
C5	CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAIL)	S1	CONCRETE SIDEWALK 4-INCH

Y1	VARIABLE DEPTH REMOVING ASPHALTIC SURFACE MILLING 1 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE)
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
XXXXXXX	SAWCUT
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN FOR ADDITIONAL INFO)
	ADJUSTING INLET COVERS
SAN	ADJUSTING SANITARY MANHOLE COVERS
WV	ADJUSTING WATER VALVE BOXES
	SURFACE WATER FLOW

NOTES

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

CURB & GUTTER GRADES ARE SHOWN AT 50' INTERVALS.

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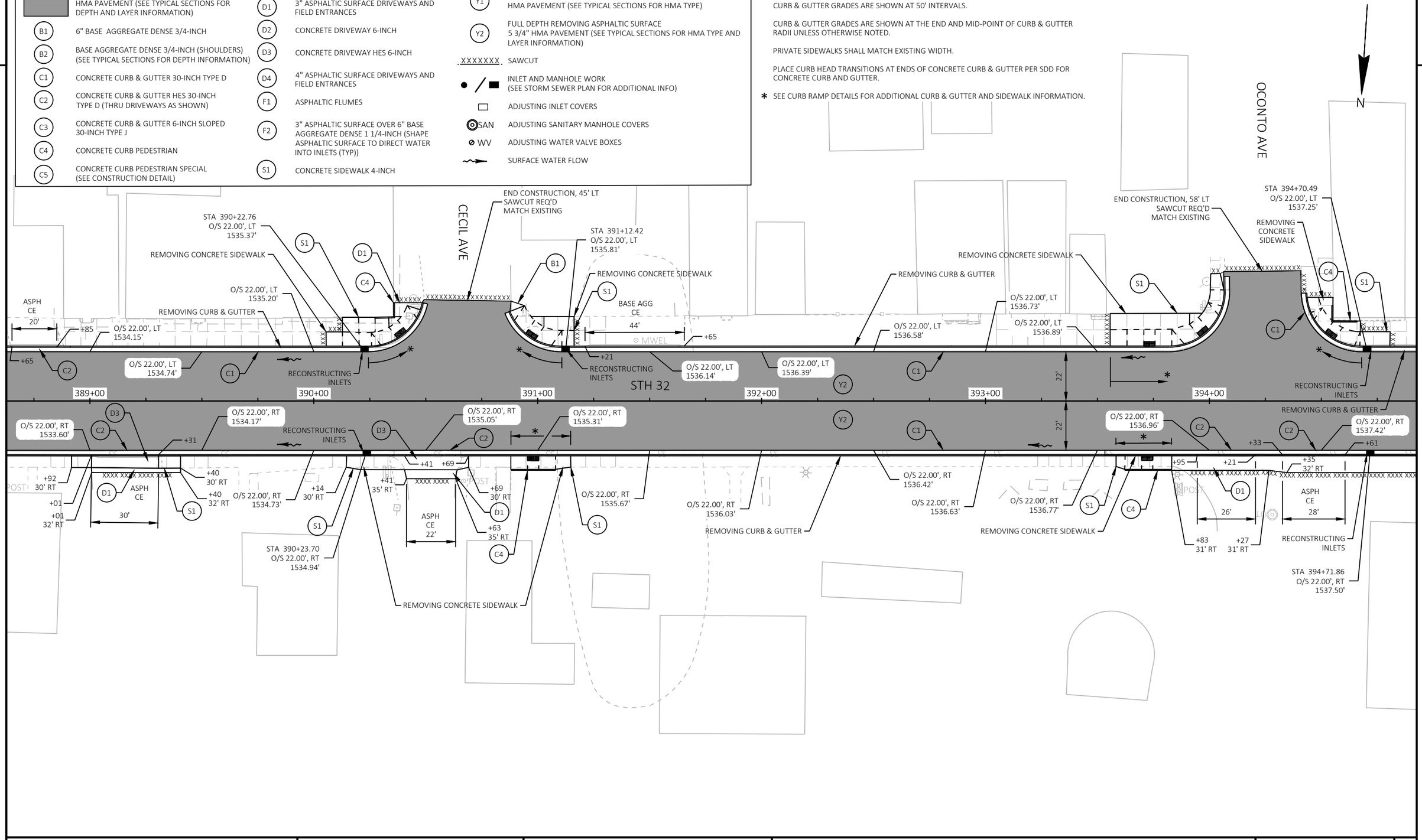
PLACE CURB HEAD TRANSITIONS AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

* SEE CURB RAMP DETAILS FOR ADDITIONAL CURB & GUTTER AND SIDEWALK INFORMATION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PAVING DETAILS	SHEET 32 E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 11

PLOT DATE : 10/11/2023 3:58 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

LEGEND

- HMA PAVEMENT (SEE TYPICAL SECTIONS FOR DEPTH AND LAYER INFORMATION)
- B1 — 6" BASE AGGREGATE DENSE 3/4-INCH
- B2 — BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS) (SEE TYPICAL SECTIONS FOR DEPTH INFORMATION)
- C1 — CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 — CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C3 — CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J
- C4 — CONCRETE CURB PEDESTRIAN
- C5 — CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAIL)
- D1 — 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D2 — CONCRETE DRIVEWAY 6-INCH
- D3 — CONCRETE DRIVEWAY HES 6-INCH
- D4 — 4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- F1 — ASPHALTIC FLUMES
- F2 — 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 — CONCRETE SIDEWALK 4-INCH
- Y1 — VARIABLE DEPTH REMOVING ASPHALTIC SURFACE MILLING 1 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE)
- Y2 — FULL DEPTH REMOVING ASPHALTIC SURFACE 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- XXXXXXX — SAWCUT
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN FOR ADDITIONAL INFO)
- ADJUSTING INLET COVERS
- SAN — ADJUSTING SANITARY MANHOLE COVERS
- WV — ADJUSTING WATER VALVE BOXES
- SURFACE WATER FLOW

NOTES

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

CURB & GUTTER GRADES ARE SHOWN AT 50' INTERVALS.

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

PRIVATE SIDEWALKS SHALL MATCH EXISTING WIDTH.

PLACE CURB HEAD TRANSITIONS AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

* SEE CURB RAMP DETAILS FOR ADDITIONAL CURB & GUTTER AND SIDEWALK INFORMATION.

N

STH 32

CAVOUR AVE

395+00 396+00 397+00 398+00 399+00 400+00

STA 398+42.99 O/S 22.00', LT 1538.46'

REMOVING CONCRETE SIDEWALK

END CONSTRUCTION, 51' LT SAWCUT REQ'D MATCH EXISTING

O/S 22.00', LT 1538.45'

REMOVING CURB & GUTTER

BASE AGG CE 19'

REMOVING CONCRETE SIDEWALK

STA 397+20.00 O/S 22.00', LT 1538.91' HP

O/S 22.00', LT 1538.87'

O/S 22.00', LT 1538.43'

O/S 22.00', LT 1537.48'

O/S 22.00', LT 1538.78'

O/S 22.00', LT 1538.30'

ASPH PE 32'

BASE AGG CE 16'

+52 41' LT

+53 33' LT

O/S 22.00', LT 1538.21'

O/S 22.00', LT 1538.00'

O/S 22.00', LT 1537.83'

RECONSTRUCTING INLETS

O/S 22.00', LT 1538.02'

O/S 22.00', RT 1538.23'

O/S 22.00', RT 1538.45'

O/S 22.00', RT 1538.87'

O/S 22.00', RT 1538.97'

O/S 22.00', RT 1539.11'

O/S 22.00', RT 1538.32'

O/S 22.00', RT 1538.15'

O/S 22.00', RT 1537.98'

O/S 22.00', RT 1537.78'

STA 397+72.92 O/S 29.37', RT 1538.87'

O/S 22.00', RT 1538.48'

STA 398+43.91 O/S 22.00', RT 1538.47'

REMOVING CURB & GUTTER

REMOVING CONCRETE SIDEWALK

ASPH CE 30'

ASPH CE 26'

CONC CE 26'

ASPH CE 35'

O/S 22.00', RT 1537.69'

REMOVING CURB & GUTTER

STA 397+54.38 O/S 22.00', RT 1539.12'

STA 397+57.61 O/S 22.19', RT 1539.13' HP

STA 397+54.38 O/S 49.00, RT

STA 397+81.44 O/S 47.46', RT 1538.61'

R27

END CONSTRUCTION, 53' RT SAWCUT REQ'D MATCH EXISTING

CAVOUR AVE

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PAVING DETAILS	SHEET 33	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 12

PLOT DATE : 10/11/2023 3:58 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

	HMA PAVEMENT (SEE TYPICAL SECTIONS FOR DEPTH AND LAYER INFORMATION)
B1	6" BASE AGGREGATE DENSE 3/4-INCH
B2	BASE AGGREGATE DENSE 3/4-INCH (SHOULDERS) (SEE TYPICAL SECTIONS FOR DEPTH INFORMATION)
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
C3	CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J
C4	CONCRETE CURB PEDESTRIAN
C5	CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAIL)
D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D2	CONCRETE DRIVEWAY 6-INCH
D3	CONCRETE DRIVEWAY HES 6-INCH
D4	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
F1	ASPHALTIC FLUMES
F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
S1	CONCRETE SIDEWALK 4-INCH
Y1	VARIABLE DEPTH REMOVING ASPHALTIC SURFACE MILLING 1 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE)
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
XXXXXXX	SAWCUT
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN FOR ADDITIONAL INFO)
	ADJUSTING INLET COVERS
SAN	ADJUSTING SANITARY MANHOLE COVERS
WV	ADJUSTING WATER VALVE BOXES
	SURFACE WATER FLOW

NOTES

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

CURB & GUTTER GRADES ARE SHOWN AT 50' INTERVALS.

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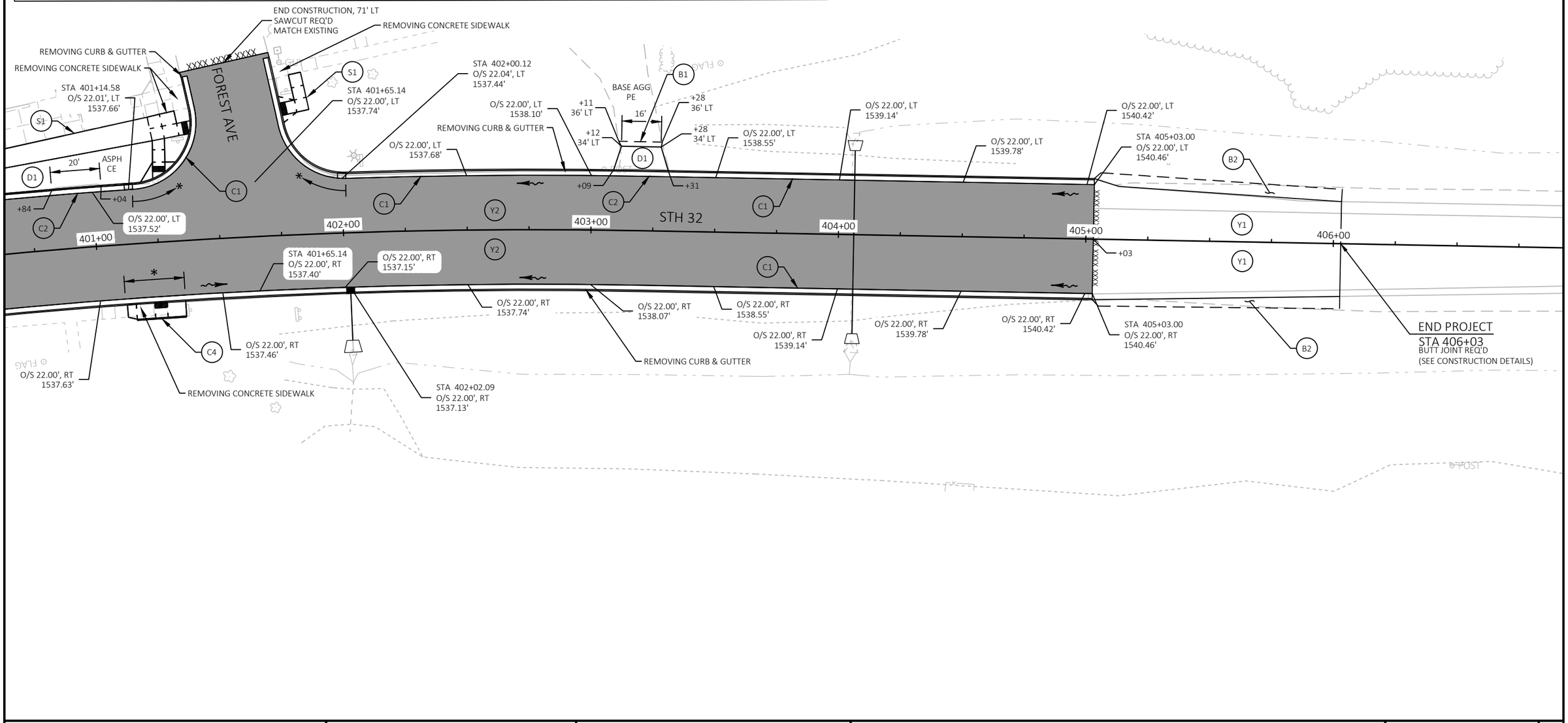
PRIVATE SIDEWALKS SHALL MATCH EXISTING WIDTH.

PLACE CURB HEAD TRANSITIONS AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

* SEE CURB RAMP DETAILS FOR ADDITIONAL CURB & GUTTER AND SIDEWALK INFORMATION.

N



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PAVING DETAILS	SHEET 34	E

LEGEND

XXXX	SAWCUT
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
C4	CONCRETE CURB PEDESTRIAN
D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D3	CONCRETE DRIVEWAY HES 6-INCH
F1	ASPHALTIC FLUMES
F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
S1	CONCRETE SIDEWALK 4-INCH
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
	SURFACE WATER FLOW
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
LL	LEVEL LANDING

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS

DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS

THE CROSS SLOPE OF THE GUTTER SHELL BE 4% UNLESS OTHERWISE SHOWN

THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%

PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

CTH C - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1-1	341+74.77	16.00' LT	1539.84	522304.41	903522.61
1-2	341+85.89	16.00' LT	1539.93	522312.73	903515.37
1-3	341+90.96	16.00' LT	1539.97	522316.50	903512.06
1-4	341+99.04	16.00' LT	1540.03	522322.50	903506.76
1-5	341+74.77	18.50' LT	1540.25	522302.78	903520.72
1-6	341+85.89	18.00' LT	1539.85	522311.42	903513.87
1-7	341+90.96	18.00' LT	1539.89	522315.18	903510.56
1-8	341+99.04	18.50' LT	1540.45	522320.84	903504.89
1-9	341+99.02	24.50' LT	1540.54	522316.84	903500.42
1-10	341+90.96	24.50' LT	1539.98	522310.89	903505.69
1-11	341+85.89	24.50' LT	1539.94	522307.13	903508.98
1-12	341+75.08	24.50' LT	1540.35	522299.09	903515.98

SEE PAVING DETAILS FOR ADDITIONAL INFORMATION

SEE PAVING DETAILS FOR ADDITIONAL INFORMATION

TYPE 7A CURB RAMP
DETECTABLE WARNING FIELD REQ'D

STH 32

341+50

342+00

342+50

BP: 10+00.00

TYPE 2 CURB RAMP
DETECTABLE WARNING FIELD RADIAL REQ'D

RADIAL ATTRIBUTES
BACK OF CURB RADIUS = 22.5'
RADIAL LONG CHORD = 7.14 LF
LANDING 'XR' = 8.98 LF

SEE PAVING DETAILS FOR ADDITIONAL INFORMATION

CTH C - NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1-13	341+75.80	41.22' RT	1539.38	522342.63	903565.21
1-14	341+76.28	37.51' RT	1539.25	522340.58	903562.08
1-15	341+83.53	22.90' RT	1539.50	522336.55	903546.22
1-16	341+88.70	19.03' RT	1539.60	522337.94	903539.86
1-17	342+01.87	16.00' RT	1540.06	522345.89	903528.78
1-18	341+80.04	32.60' RT	1539.74	522340.26	903555.86
1-19	341+83.31	26.85' RT	1539.40	522338.98	903549.34
1-20	341+88.52	22.05' RT	1539.52	522339.80	903542.25
1-21	341+91.59	20.37' RT	1540.08	522341.02	903538.94
1-22	341+82.49	41.71' RT	1539.83	522348.12	903561.09
1-23	341+82.76	36.72' RT	1539.75	522345.05	903557.14
1-24	341+83.09	30.73' RT	1539.46	522341.37	903552.41
1-25	341+88.00	31.02' RT	1539.54	522345.31	903549.34
1-26	341+87.65	37.01' RT	1539.83	522349.00	903554.07
1-27	341+87.36	42.00' RT	1539.90	522352.07	903558.02

STA 342+00.50
O/S 40.96' RT

CTH C

10+50

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 35	E

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS

DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS

THE CROSS SLOPE OF THE GUTTER SHELL BE 4% UNLESS OTHERWISE SHOWN

THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%

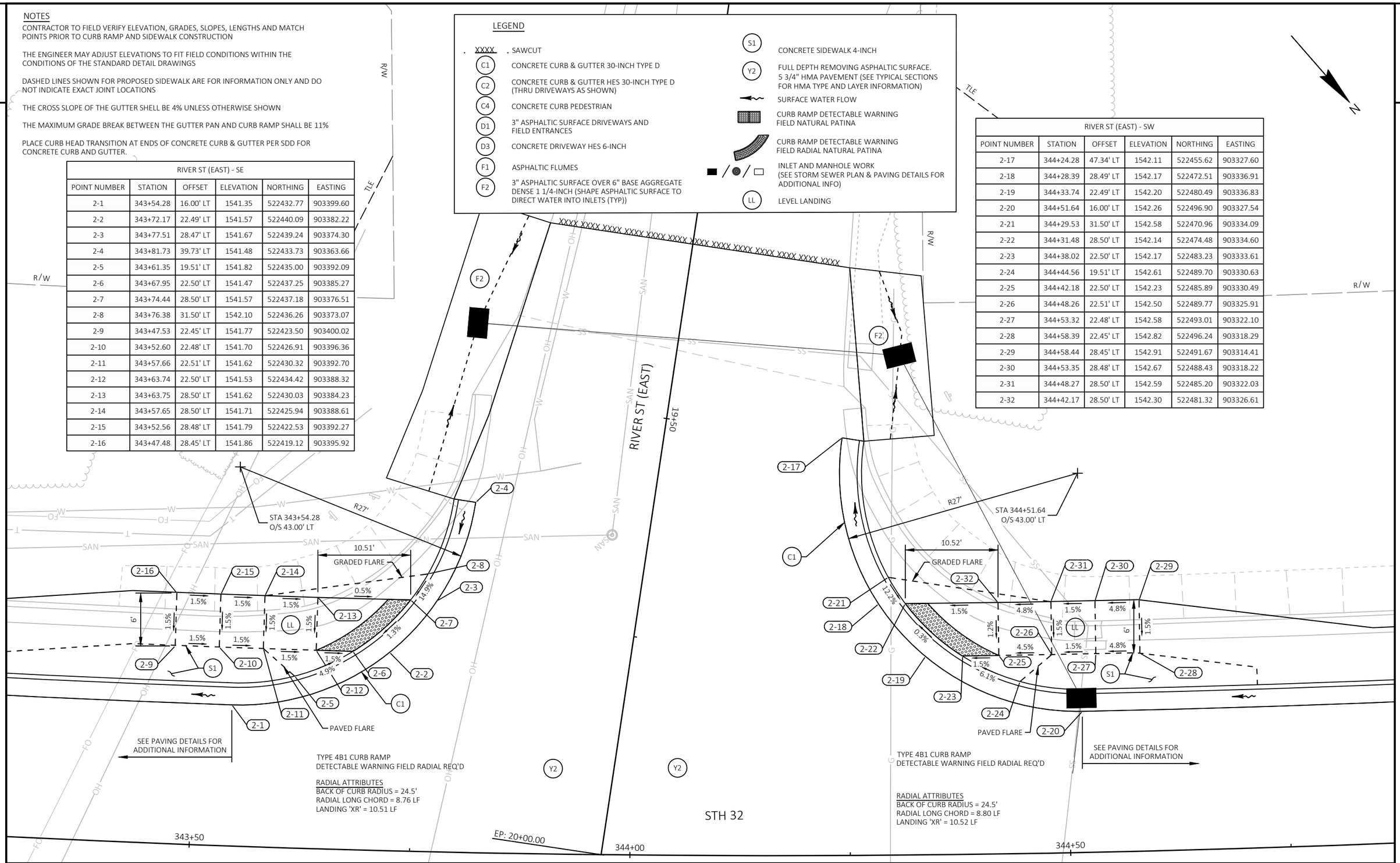
PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

RIVER ST (EAST) - SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2-1	343+54.28	16.00' LT	1541.35	522432.77	903399.60
2-2	343+72.17	22.49' LT	1541.57	522440.09	903382.22
2-3	343+77.51	28.47' LT	1541.67	522439.24	903374.30
2-4	343+81.73	39.73' LT	1541.48	522433.73	903363.66
2-5	343+61.35	19.51' LT	1541.82	522435.00	903392.09
2-6	343+67.95	22.50' LT	1541.47	522437.25	903385.27
2-7	343+74.44	28.50' LT	1541.57	522437.18	903376.51
2-8	343+76.38	31.50' LT	1542.10	522436.26	903373.07
2-9	343+47.53	22.45' LT	1541.77	522423.50	903400.02
2-10	343+52.60	22.48' LT	1541.70	522426.91	903396.36
2-11	343+57.66	22.51' LT	1541.62	522430.32	903392.70
2-12	343+63.74	22.50' LT	1541.53	522434.42	903388.32
2-13	343+63.75	28.50' LT	1541.62	522430.03	903384.23
2-14	343+57.65	28.50' LT	1541.71	522425.94	903388.61
2-15	343+52.56	28.48' LT	1541.79	522422.53	903392.27
2-16	343+47.48	28.45' LT	1541.86	522419.12	903395.92

LEGEND

- XXXX . SAWCUT
- C1 CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C4 CONCRETE CURB PEDESTRIAN
- D1 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D3 CONCRETE DRIVEWAY HES 6-INCH
- F1 ASPHALTIC FLUMES
- F2 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 CONCRETE SIDEWALK 4-INCH
- Y2 FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- SURFACE WATER FLOW
- CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
- CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
- LL LEVEL LANDING

RIVER ST (EAST) - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2-17	344+24.28	47.34' LT	1542.11	522455.62	903327.60
2-18	344+28.39	28.49' LT	1542.17	522472.51	903336.91
2-19	344+33.74	22.49' LT	1542.20	522480.49	903336.83
2-20	344+51.64	16.00' LT	1542.26	522496.90	903327.54
2-21	344+29.53	31.50' LT	1542.58	522470.96	903334.09
2-22	344+31.48	28.50' LT	1542.14	522474.48	903334.60
2-23	344+38.02	22.50' LT	1542.17	522483.23	903333.61
2-24	344+44.56	19.51' LT	1542.61	522489.70	903330.63
2-25	344+42.18	22.50' LT	1542.23	522485.89	903330.49
2-26	344+48.26	22.51' LT	1542.50	522489.77	903325.91
2-27	344+53.32	22.48' LT	1542.58	522493.01	903322.10
2-28	344+58.39	22.45' LT	1542.82	522496.24	903318.29
2-29	344+58.44	28.45' LT	1542.91	522491.67	903314.41
2-30	344+53.35	28.48' LT	1542.67	522488.43	903318.22
2-31	344+48.27	28.50' LT	1542.59	522485.20	903322.03
2-32	344+42.17	28.50' LT	1542.30	522481.32	903326.61



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 36	E

LEGEND

XXXX SAWCUT	S1 CONCRETE SIDEWALK 4-INCH
C1 CONCRETE CURB & GUTTER 30-INCH TYPE D	Y2 FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
C2 CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)	SURFACE WATER FLOW
C4 CONCRETE CURB PEDESTRIAN	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
D1 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
D3 CONCRETE DRIVEWAY HES 6-INCH	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
F1 ASPHALTIC FLUMES	LL LEVEL LANDING
F2 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))	

NOTES

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PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

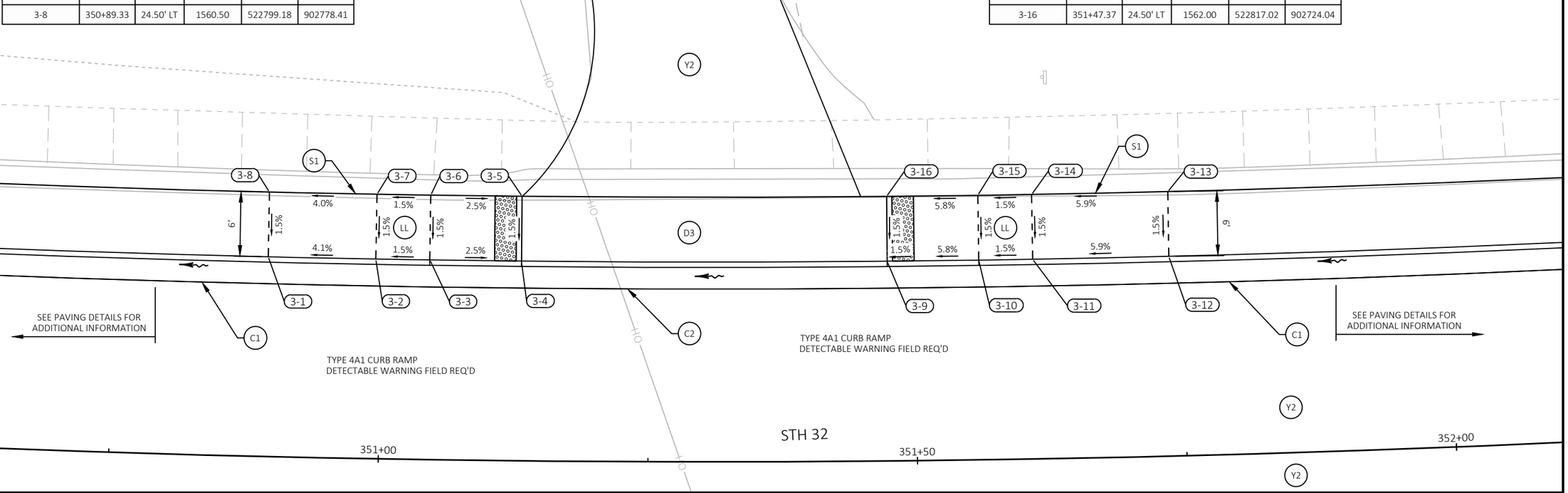
N

R/W

MAPLE AVE

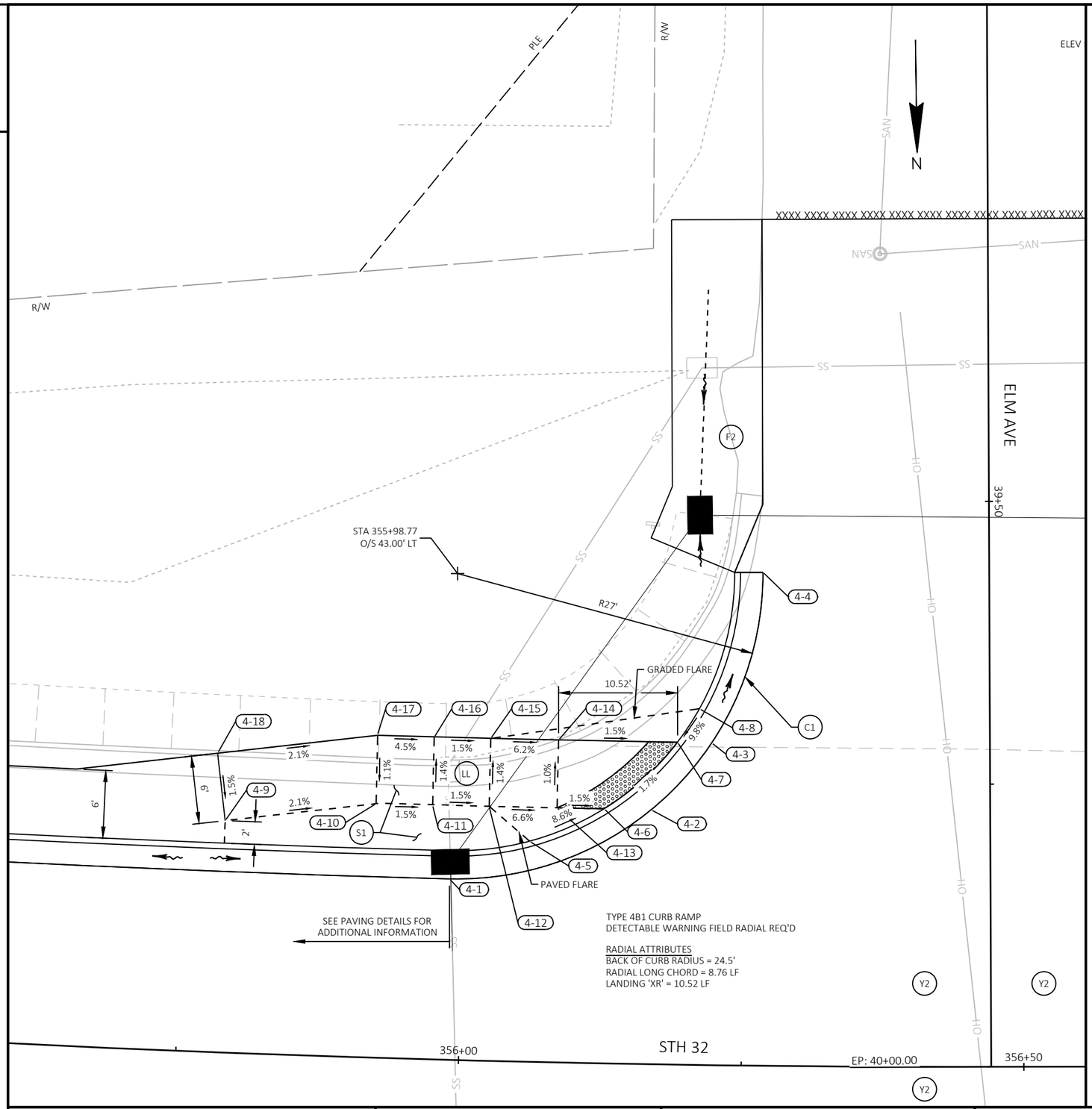
MAPLE AVE - SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3-1	350+89.36	18.50' LT	1560.41	522804.86	902780.34
3-2	350+99.45	18.50' LT	1560.82	522808.10	902770.91
3-3	351+04.50	18.50' LT	1560.89	522809.70	902766.17
3-4	351+13.10	18.50' LT	1560.68	522812.40	902758.11
3-5	351+13.10	24.50' LT	1560.77	522806.70	902756.22
3-6	351+04.50	24.50' LT	1560.98	522804.02	902764.26
3-7	350+99.45	24.50' LT	1560.91	522802.42	902768.97
3-8	350+89.33	24.50' LT	1560.50	522799.18	902778.41

MAPLE AVE - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3-9	351+47.36	18.50' LT	1561.91	522822.75	902725.82
3-10	351+55.95	18.50' LT	1562.54	522825.25	902717.70
3-11	351+61.00	18.50' LT	1562.70	522826.69	902712.91
3-12	351+73.77	18.50' LT	1563.11	522830.29	902700.81
3-13	351+73.82	24.50' LT	1563.20	522824.55	902699.07
3-14	351+61.00	24.50' LT	1562.79	522820.95	902711.18
3-15	351+55.95	24.50' LT	1562.63	522819.51	902715.95
3-16	351+47.37	24.50' LT	1562.00	522817.02	902724.04



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 37	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 03
PLOT DATE : 10/23/2023 7:28 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



LEGEND

XXXX	SAWCUT
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
C4	CONCRETE CURB PEDESTRIAN
D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D3	CONCRETE DRIVEWAY HES 6-INCH
F1	ASPHALTIC FLUMES
F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
S1	CONCRETE SIDEWALK 4-INCH
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
	SURFACE WATER FLOW
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
LL	LEVEL LANDING

NOTES

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PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

ELM AVE - SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
4-1	355+98.77	16.00' LT	1573.08	522901.05	902287.05
4-2	356+16.67	22.49' LT	1572.70	522895.20	902269.12
4-3	356+22.01	28.49' LT	1572.54	522889.37	902263.68
4-4	356+26.45	43.62' LT	1572.06	522874.36	902258.93
4-5	356+05.85	19.51' LT	1573.32	522897.82	902279.91
4-6	356+12.45	22.50' LT	1572.70	522895.06	902273.29
4-7	356+18.93	28.50' LT	1572.55	522889.27	902266.71
4-8	356+20.88	31.50' LT	1572.88	522886.32	902264.71
4-9	355+78.58	20.50' LT	1573.59	522895.60	902306.80
4-10	355+92.02	22.45' LT	1573.31	522894.31	902293.43
4-11	355+97.09	22.48' LT	1573.24	522894.50	902288.44
4-12	356+02.15	22.51' LT	1573.16	522894.68	902283.44
4-13	356+08.23	22.50' LT	1572.76	522894.91	902277.45
4-14	356+08.24	28.50' LT	1572.70	522888.91	902277.22
4-15	356+02.14	28.50' LT	1573.08	522888.69	902283.22
4-16	355+97.06	28.48' LT	1573.15	522888.50	902288.21
4-17	355+91.95	28.51' LT	1573.38	522888.25	902293.23
4-18	355+77.66	26.43' LT	1573.68	522889.63	902307.38

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 38	E

LEGEND

. XXXX .	SAWCUT
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
C4	CONCRETE CURB PEDESTRIAN
D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D3	CONCRETE DRIVEWAY HES 6-INCH
F1	ASPHALTIC FLUMES
F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
S1	CONCRETE SIDEWALK 4-INCH
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
	SURFACE WATER FLOW
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
LL	LEVEL LANDING

NOTES

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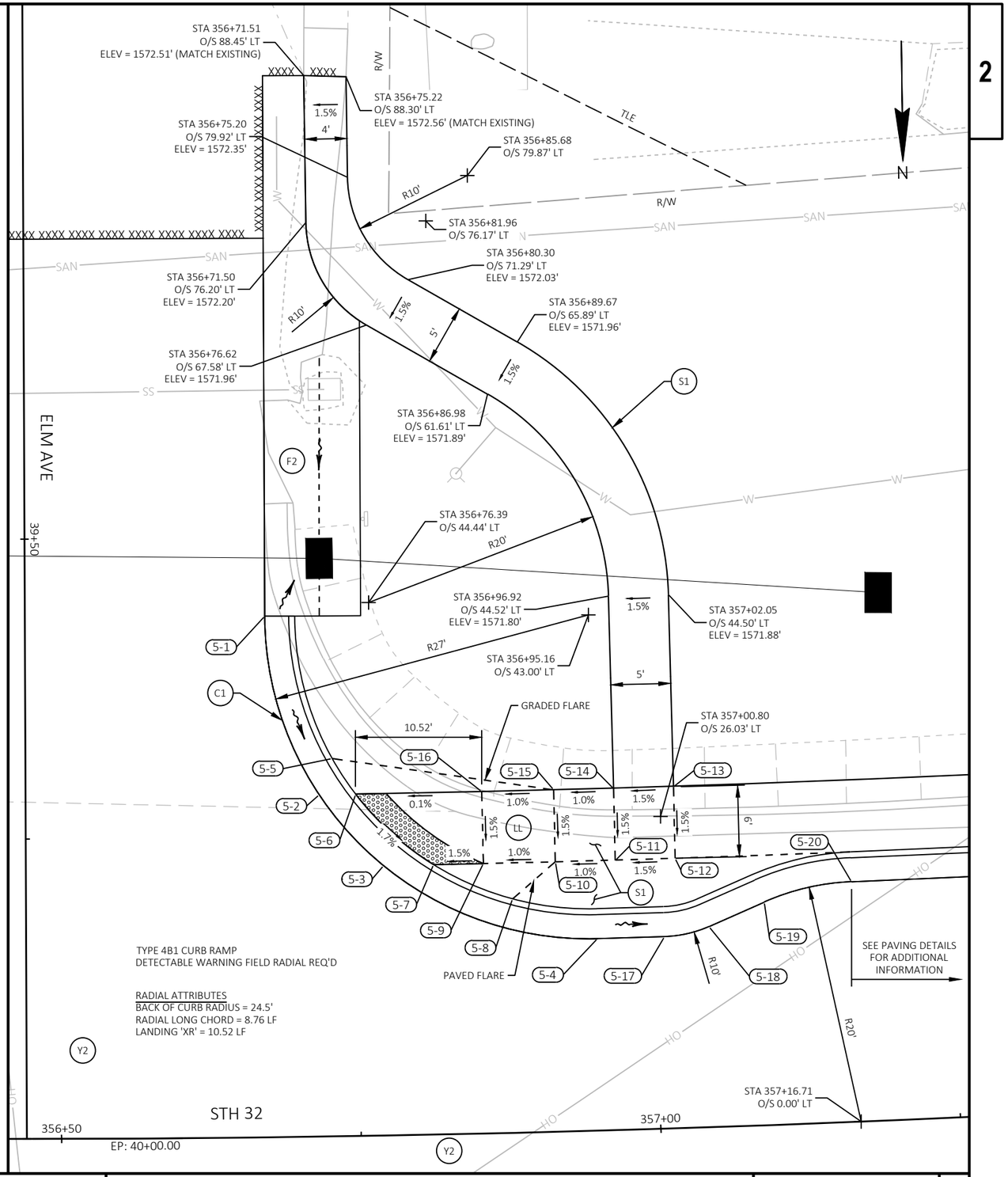
PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

ELM AVE - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
5-1	356+67.48	43.44' LT	1572.03	522875.09	902218.93
5-2	356+71.92	28.48' LT	1571.91	522890.06	902214.60
5-3	356+77.26	22.49' LT	1571.82	522896.04	902209.32
5-4	356+95.16	16.00' LT	1571.60	522902.38	902191.57
5-5	356+73.05	31.50' LT	1572.29	522887.04	902213.48
5-6	356+75.00	28.49' LT	1571.86	522890.04	902211.56
5-7	356+81.48	22.50' LT	1571.72	522896.01	902205.15
5-8	356+88.10	19.50' LT	1572.07	522898.96	902198.60
5-9	356+85.70	22.50' LT	1571.78	522895.98	902200.99
5-10	356+91.78	22.50' LT	1571.84	522895.93	902194.99
5-11	356+96.85	22.48' LT	1571.89	522895.88	902189.99
5-12	357+01.91	22.50' LT	1571.97	522895.77	902184.99
5-13	357+01.96	28.46' LT	1572.06	522889.82	902185.05
5-14	356+96.88	28.48' LT	1571.98	522889.88	902190.04
5-15	356+91.80	28.50' LT	1571.93	522889.92	902195.04
5-16	356+85.70	28.50' LT	1571.87	522889.98	902201.04
5-17	357+00.81	16.00' LT	1571.47	522902.29	902185.97
5-18	357+04.58	16.72' LT	1571.37	522901.51	902182.25
5-19	357+09.30	18.59' LT	1571.23	522899.54	902177.61
5-20	357+16.72	20.00' LT	1571.04	522897.96	902170.31



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 39	E

EAST AVE - SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
6-1	359+60.77	20.00' LT	1566.40	522883.45	901927.49
6-2	359+68.19	18.57' LT	1566.35	522884.40	901919.99
6-3	359+72.83	16.72' LT	1566.38	522885.95	901915.24
6-4	359+76.54	16.00' LT	1566.39	522886.42	901911.49
6-5	359+83.03	16.00' LT	1566.34	522886.00	901905.01
6-6	360+00.60	22.50' LT	1566.00	522878.37	901887.90
6-7	360+05.81	28.50' LT	1565.86	522872.04	901883.10
6-8	360+10.02	42.08' LT	1565.69	522858.21	901879.78
6-9	359+89.96	19.50' LT	1566.58	522882.05	901898.33
6-10	359+96.45	22.50' LT	1566.02	522878.64	901892.05
6-11	360+02.78	28.50' LT	1565.87	522872.24	901886.12
6-12	360+04.66	31.50' LT	1566.22	522869.12	901884.43
6-13	359+60.77	22.50' LT	1566.82	522880.96	901927.65
6-14	359+81.30	22.50' LT	1566.46	522879.62	901907.16
6-15	359+86.30	22.50' LT	1566.39	522879.30	901902.17
6-16	359+92.30	22.50' LT	1566.08	522878.91	901896.18
6-17	359+92.30	28.50' LT	1565.99	522872.92	901896.57
6-18	359+86.30	28.50' LT	1566.30	522873.31	901902.56
6-19	359+81.30	28.50' LT	1566.37	522873.63	901907.55
6-20	359+60.77	28.50' LT	1566.91	522874.97	901928.04

NOTES

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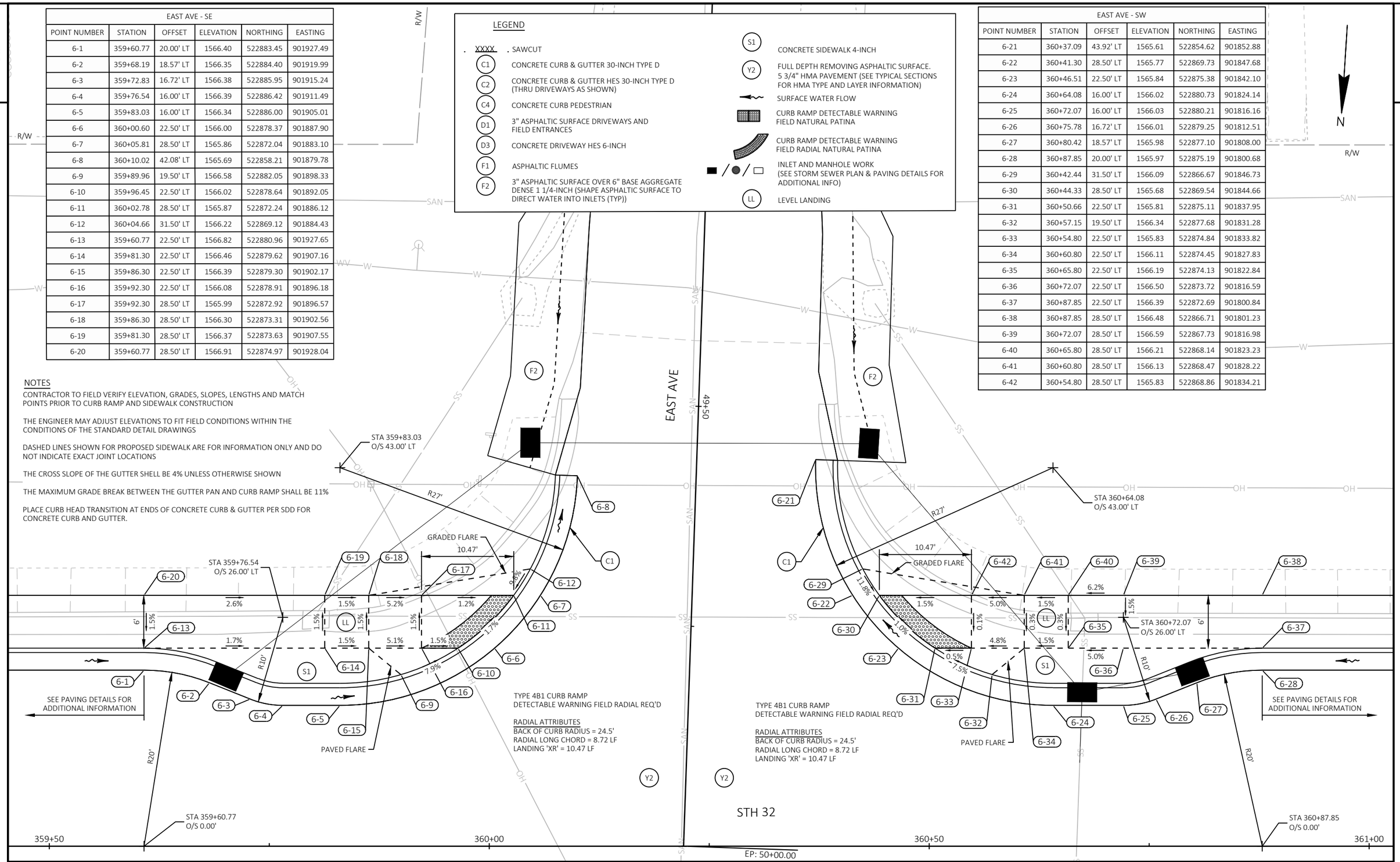
LEGEND

- XXXX . SAWCUT
- C1 CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C4 CONCRETE CURB PEDESTRIAN
- D1 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D3 CONCRETE DRIVEWAY HES 6-INCH
- F1 ASPHALTIC FLUMES
- F2 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 CONCRETE SIDEWALK 4-INCH
- Y2 FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- SURFACE WATER FLOW
- CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
- CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
- LL LEVEL LANDING

EAST AVE - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
6-21	360+37.09	43.92' LT	1565.61	522854.62	901852.88
6-22	360+41.30	28.50' LT	1565.77	522869.73	901847.68
6-23	360+46.51	22.50' LT	1565.84	522875.38	901842.10
6-24	360+64.08	16.00' LT	1566.02	522880.73	901824.14
6-25	360+72.07	16.00' LT	1566.03	522880.21	901816.16
6-26	360+75.78	16.72' LT	1566.01	522879.25	901812.51
6-27	360+80.42	18.57' LT	1565.98	522877.10	901808.00
6-28	360+87.85	20.00' LT	1565.97	522875.19	901800.68
6-29	360+42.44	31.50' LT	1566.09	522866.67	901846.73
6-30	360+44.33	28.50' LT	1565.68	522869.54	901844.66
6-31	360+50.66	22.50' LT	1565.81	522875.11	901837.95
6-32	360+57.15	19.50' LT	1566.34	522877.68	901831.28
6-33	360+54.80	22.50' LT	1565.83	522874.84	901833.82
6-34	360+60.80	22.50' LT	1566.11	522874.45	901827.83
6-35	360+65.80	22.50' LT	1566.19	522874.13	901822.84
6-36	360+72.07	22.50' LT	1566.50	522873.72	901816.59
6-37	360+87.85	22.50' LT	1566.39	522872.69	901800.84
6-38	360+87.85	28.50' LT	1566.48	522866.71	901801.23
6-39	360+72.07	28.50' LT	1566.59	522867.73	901816.98
6-40	360+65.80	28.50' LT	1566.21	522868.14	901823.23
6-41	360+60.80	28.50' LT	1566.13	522868.47	901828.22
6-42	360+54.80	28.50' LT	1565.83	522868.86	901834.21



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 40	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 06

PLOT DATE : 10/23/2023 7:29 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

PEARL AVE - SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
7-1	363+56.13	20.00' LT	1569.10	522857.75	901532.96
7-2	363+63.56	18.57' LT	1569.24	522858.69	901525.46
7-3	363+68.19	16.72' LT	1569.34	522860.24	901520.71
7-4	363+71.91	16.00' LT	1569.41	522860.71	901516.96
7-5	363+79.47	16.02' LT	1569.52	522860.20	901509.41
7-6	363+95.97	22.50' LT	1569.59	522852.66	901493.38
7-7	364+01.17	28.50' LT	1569.56	522846.34	901488.57
7-8	364+05.37	41.78' LT	1569.86	522832.81	901485.25
7-9	363+85.32	19.50' LT	1569.93	522856.35	901503.80
7-10	363+91.81	22.50' LT	1569.54	522852.93	901497.52
7-11	363+98.14	28.50' LT	1569.56	522846.53	901491.59
7-12	364+00.03	31.50' LT	1569.92	522843.42	901489.91
7-13	363+56.13	22.50' LT	1569.52	522855.25	901533.13
7-14	363+71.91	22.50' LT	1569.89	522854.22	901517.38
7-15	363+76.67	22.50' LT	1569.94	522853.92	901512.63
7-16	363+81.67	22.50' LT	1569.86	522853.59	901507.64
7-17	363+87.67	22.50' LT	1569.60	522853.20	901501.66
7-18	363+87.67	28.50' LT	1569.72	522847.21	901502.05
7-19	363+81.67	28.50' LT	1570.01	522847.60	901508.03
7-20	363+76.67	28.50' LT	1570.03	522847.93	901513.02
7-21	363+71.91	28.50' LT	1569.98	522848.24	901517.77
7-22	363+56.13	28.50' LT	1569.61	522849.27	901533.52

LEGEND

- XXXX . SAWCUT
- C1 CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C4 CONCRETE CURB PEDESTRIAN
- D1 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D3 CONCRETE DRIVEWAY HES 6-INCH
- F1 ASPHALTIC FLUMES
- F2 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 CONCRETE SIDEWALK 4-INCH
- Y2 FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- SURFACE WATER FLOW
- CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
- CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
- LL LEVEL LANDING

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS

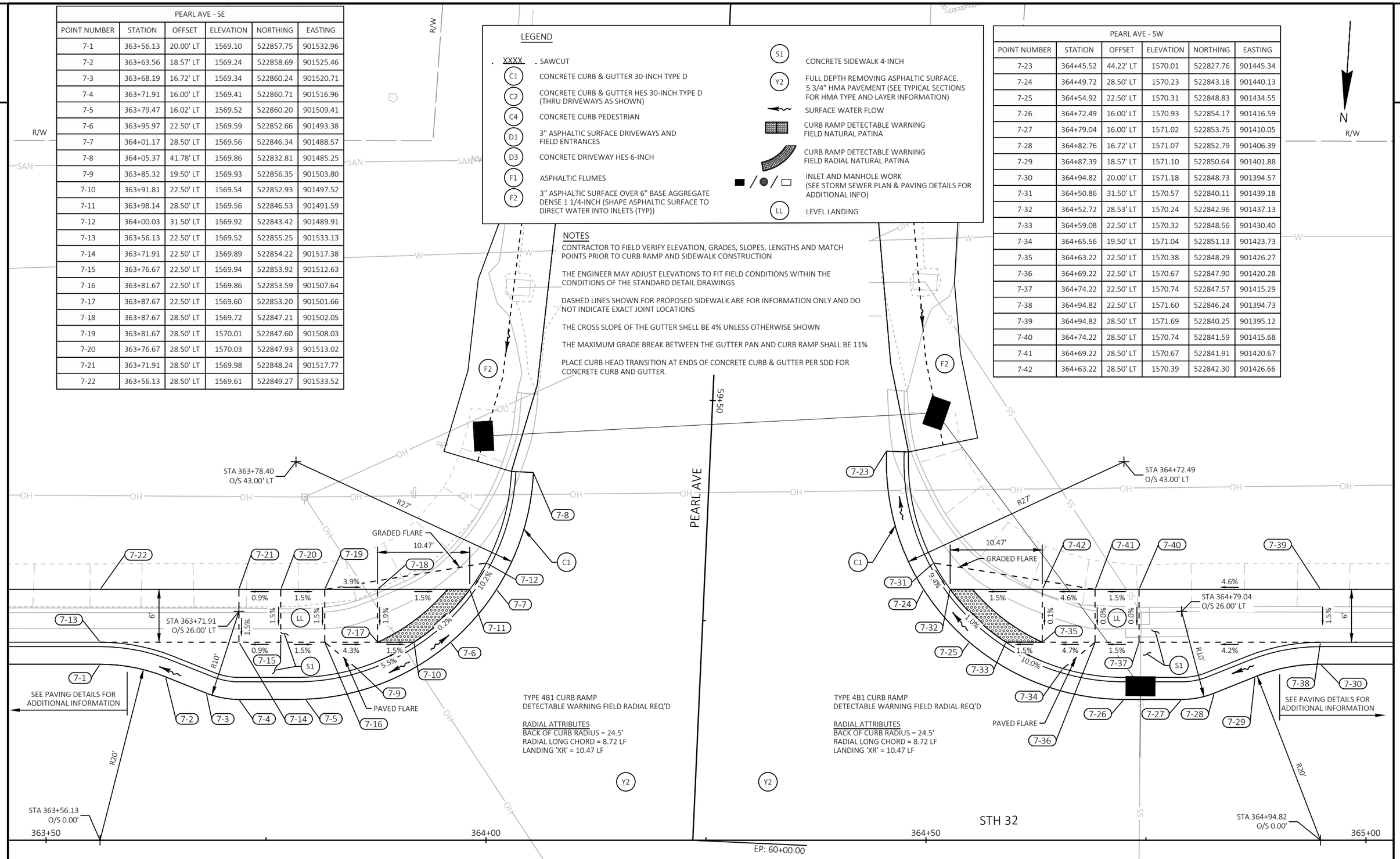
DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS

THE CROSS SLOPE OF THE GUTTER SHELL BE 4% UNLESS OTHERWISE SHOWN

THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%

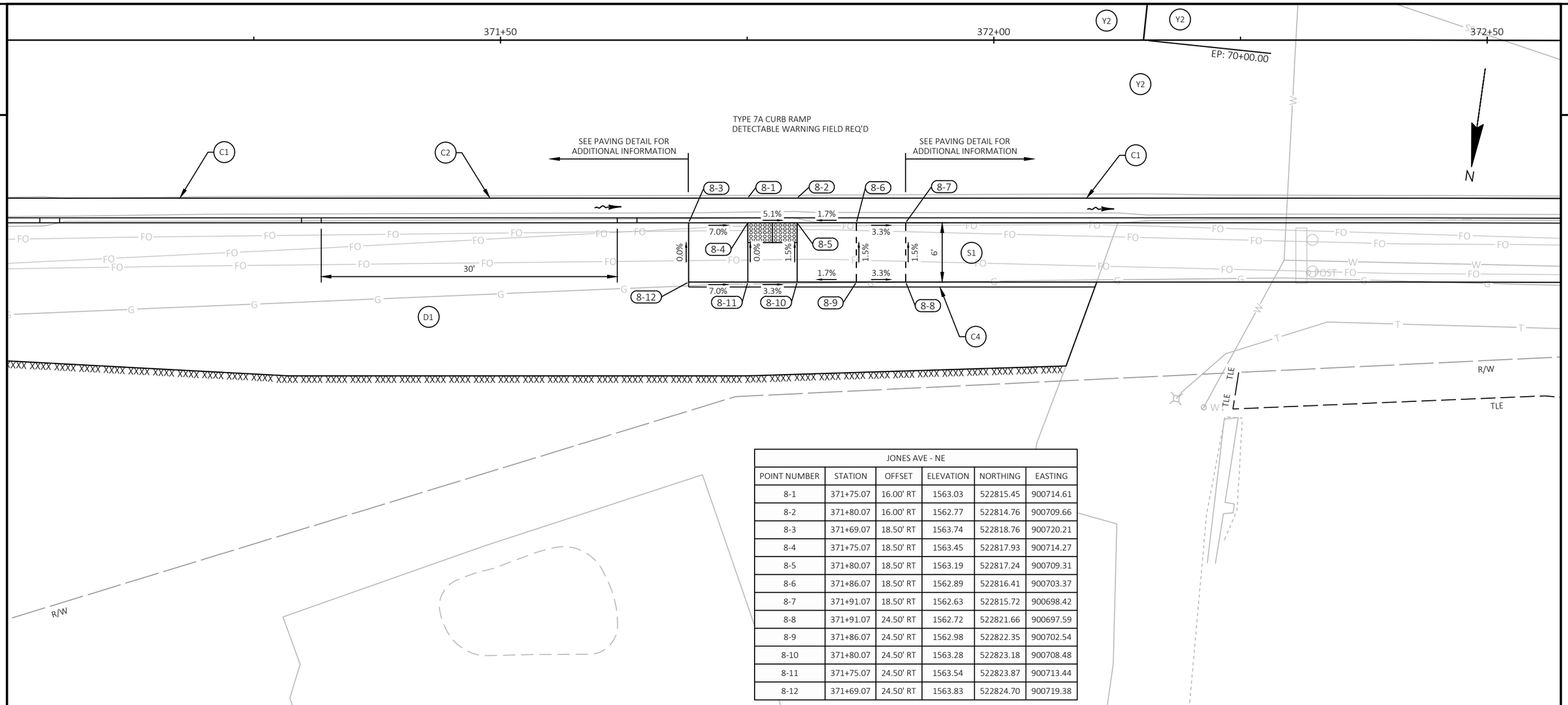
PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

PEARL AVE - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
7-23	364+45.52	44.22' LT	1570.01	522827.76	901445.34
7-24	364+49.72	28.50' LT	1570.23	522843.18	901440.13
7-25	364+54.92	22.50' LT	1570.31	522848.83	901434.55
7-26	364+72.49	16.00' LT	1570.93	522854.17	901416.59
7-27	364+79.04	16.00' LT	1571.02	522853.75	901410.05
7-28	364+82.76	16.72' LT	1571.07	522852.79	901406.39
7-29	364+87.39	18.57' LT	1571.10	522850.64	901401.88
7-30	364+94.82	20.00' LT	1571.18	522848.73	901394.57
7-31	364+50.86	31.50' LT	1570.57	522840.11	901439.18
7-32	364+52.72	28.53' LT	1570.24	522842.96	901437.13
7-33	364+59.08	22.50' LT	1570.32	522848.56	901430.40
7-34	364+65.56	19.50' LT	1571.04	522851.13	901423.73
7-35	364+63.22	22.50' LT	1570.38	522848.29	901426.27
7-36	364+69.22	22.50' LT	1570.67	522847.90	901420.28
7-37	364+74.22	22.50' LT	1570.74	522847.57	901415.29
7-38	364+94.82	22.50' LT	1571.60	522846.24	901394.73
7-39	364+94.82	28.50' LT	1571.69	522840.25	901395.12
7-40	364+74.22	28.50' LT	1570.74	522841.59	901415.68
7-41	364+69.22	28.50' LT	1570.67	522841.91	901420.67
7-42	364+63.22	28.50' LT	1570.39	522842.30	901426.66



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 41	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 07
PLOT DATE : 10/23/2023 7:29 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



JONES AVE - NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
8-1	371+75.07	16.00' RT	1563.03	522815.45	900714.61
8-2	371+80.07	16.00' RT	1562.77	522814.76	900709.66
8-3	371+69.07	18.50' RT	1563.74	522818.76	900720.21
8-4	371+75.07	18.50' RT	1563.45	522817.93	900714.27
8-5	371+80.07	18.50' RT	1563.19	522817.24	900709.31
8-6	371+86.07	18.50' RT	1562.89	522816.41	900703.37
8-7	371+91.07	18.50' RT	1562.63	522815.72	900698.42
8-8	371+91.07	24.50' RT	1562.72	522821.66	900697.59
8-9	371+86.07	24.50' RT	1562.98	522822.35	900702.54
8-10	371+80.07	24.50' RT	1563.28	522823.18	900708.48
8-11	371+75.07	24.50' RT	1563.54	522823.87	900713.44
8-12	371+69.07	24.50' RT	1563.83	522824.70	900719.38

LEGEND

XXXX SAWCUT	
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
C4	CONCRETE CURB PEDESTRIAN
D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D3	CONCRETE DRIVEWAY HES 6-INCH
F1	ASPHALTIC FLUMES
F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
S1	CONCRETE SIDEWALK 4-INCH
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
	SURFACE WATER FLOW
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
LL	LEVEL LANDING

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS

DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS

THE CROSS SLOPE OF THE GUTTER SHELL BE 4% UNLESS OTHERWISE SHOWN

THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%

PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 42	E

2

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS

DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS

THE CROSS SLOPE OF THE GUTTER SHELL BE 4% UNLESS OTHERWISE SHOWN

THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%

PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

JONES AVE - SE

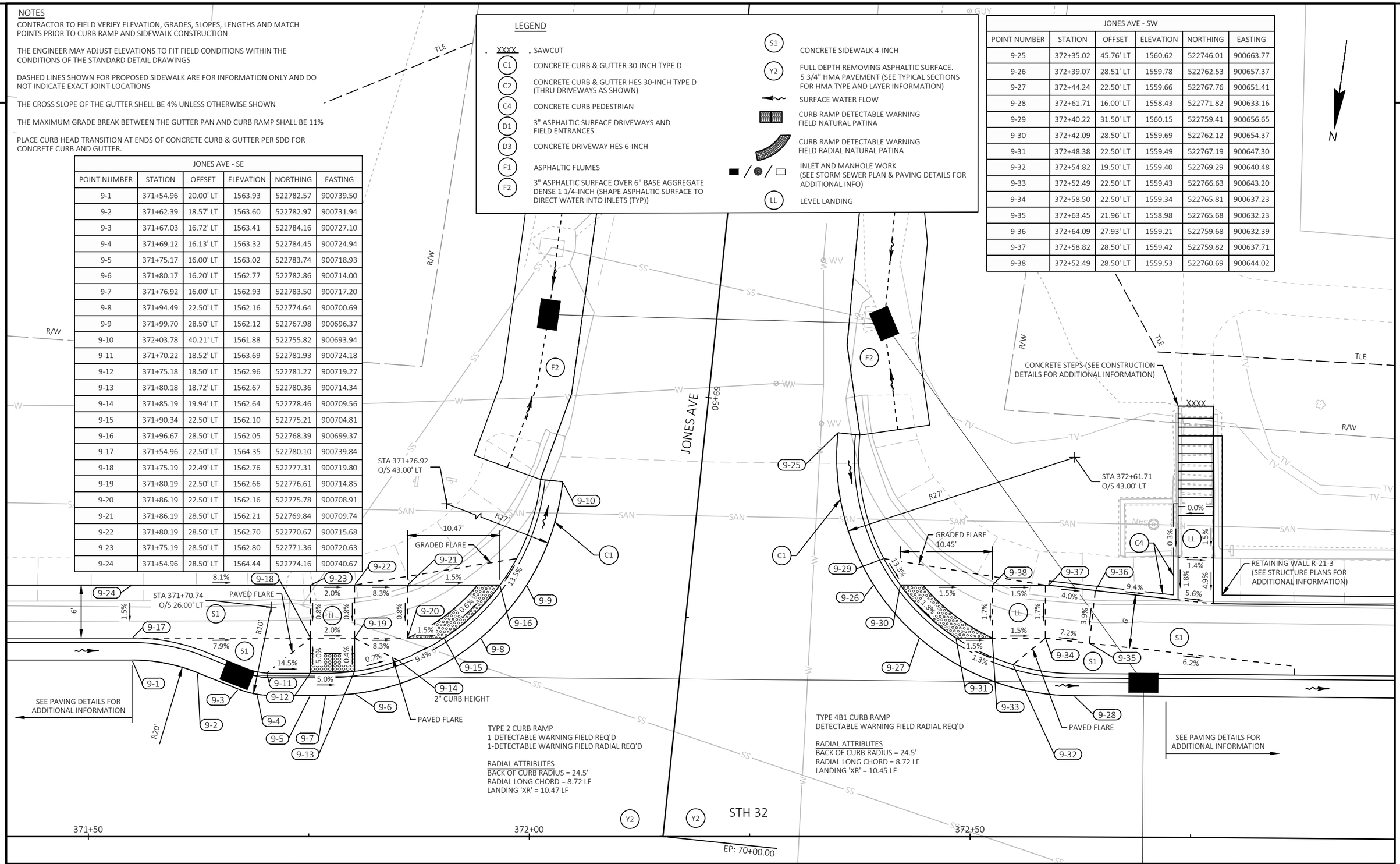
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
9-1	371+54.96	20.00' LT	1563.93	522782.57	900739.50
9-2	371+62.39	18.57' LT	1563.60	522782.97	900731.94
9-3	371+67.03	16.72' LT	1563.41	522784.16	900727.10
9-4	371+69.12	16.13' LT	1563.32	522784.45	900724.94
9-5	371+75.17	16.00' LT	1563.02	522783.74	900718.93
9-6	371+80.17	16.20' LT	1562.77	522782.86	900714.00
9-7	371+76.92	16.00' LT	1562.93	522783.50	900717.20
9-8	371+94.49	22.50' LT	1562.16	522774.64	900700.69
9-9	371+99.70	28.50' LT	1562.12	522767.98	900696.37
9-10	372+03.78	40.21' LT	1561.88	522755.82	900693.94
9-11	371+70.22	18.52' LT	1563.69	522781.93	900724.18
9-12	371+75.18	18.50' LT	1562.96	522781.27	900719.27
9-13	371+80.18	18.72' LT	1562.67	522780.36	900714.34
9-14	371+85.19	19.94' LT	1562.64	522778.46	900709.56
9-15	371+90.34	22.50' LT	1562.10	522775.21	900704.81
9-16	371+96.67	28.50' LT	1562.05	522768.39	900699.37
9-17	371+54.96	22.50' LT	1564.35	522780.10	900739.84
9-18	371+75.19	22.49' LT	1562.76	522777.31	900719.80
9-19	371+80.19	22.50' LT	1562.66	522776.61	900714.85
9-20	371+86.19	22.50' LT	1562.16	522775.78	900708.91
9-21	371+86.19	28.50' LT	1562.21	522769.84	900709.74
9-22	371+80.19	28.50' LT	1562.70	522770.67	900715.68
9-23	371+75.19	28.50' LT	1562.80	522771.36	900720.63
9-24	371+54.96	28.50' LT	1564.44	522774.16	900740.67

LEGEND

- XXXX . SAWCUT
- C1 CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C4 CONCRETE CURB PEDESTRIAN
- D1 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D3 CONCRETE DRIVEWAY HES 6-INCH
- F1 ASPHALTIC FLUMES
- F2 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 CONCRETE SIDEWALK 4-INCH
- Y2 FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- SURFACE WATER FLOW
- CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
- CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
- LL LEVEL LANDING

JONES AVE - SW

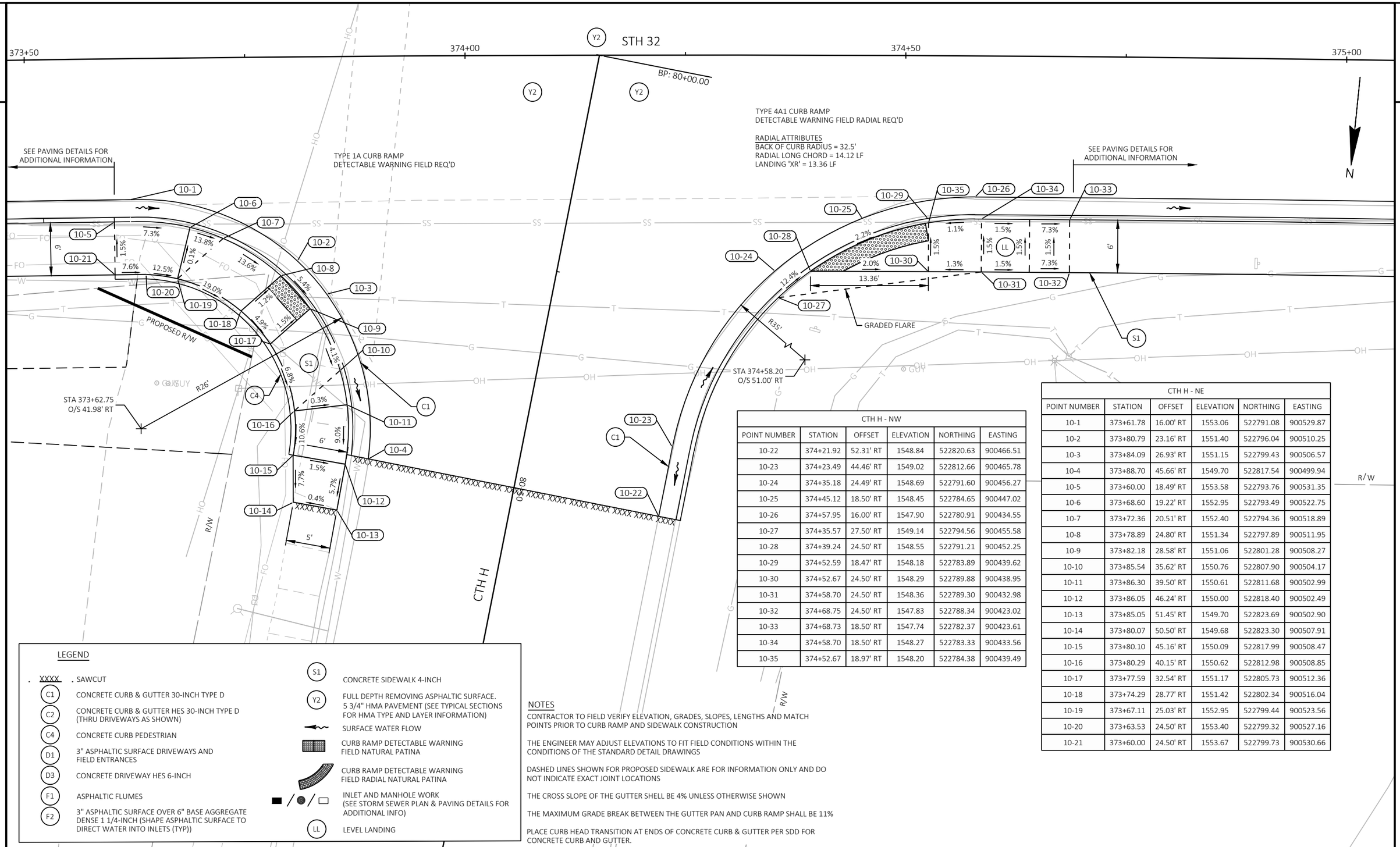
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
9-25	372+35.02	45.76' LT	1560.62	522746.01	900663.77
9-26	372+39.07	28.51' LT	1559.78	522762.53	900657.37
9-27	372+44.24	22.50' LT	1559.66	522767.76	900651.41
9-28	372+61.71	16.00' LT	1558.43	522771.82	900633.16
9-29	372+40.22	31.50' LT	1560.15	522759.41	900656.65
9-30	372+42.09	28.50' LT	1559.69	522762.12	900654.37
9-31	372+48.38	22.50' LT	1559.49	522767.19	900647.30
9-32	372+54.82	19.50' LT	1559.40	522769.29	900640.48
9-33	372+52.49	22.50' LT	1559.43	522766.63	900643.20
9-34	372+58.50	22.50' LT	1559.34	522765.81	900637.23
9-35	372+63.45	21.96' LT	1558.98	522765.68	900632.23
9-36	372+64.09	27.93' LT	1559.21	522759.68	900632.39
9-37	372+58.82	28.50' LT	1559.42	522759.82	900637.71
9-38	372+52.49	28.50' LT	1559.53	522760.69	900644.02



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 43	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 09

PLOT DATE : 10/23/2023 7:29 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:10 FT



CTH H - NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
10-22	374+21.92	52.31' RT	1548.84	522820.63	900466.51
10-23	374+23.49	44.46' RT	1549.02	522812.66	900465.78
10-24	374+35.18	24.49' RT	1548.69	522791.60	900456.27
10-25	374+45.12	18.50' RT	1548.45	522784.65	900447.02
10-26	374+57.95	16.00' RT	1547.90	522780.91	900434.55
10-27	374+35.57	27.50' RT	1549.14	522794.56	900455.58
10-28	374+39.24	24.50' RT	1548.55	522791.21	900452.25
10-29	374+52.59	18.47' RT	1548.18	522783.89	900439.62
10-30	374+52.67	24.50' RT	1548.29	522789.88	900438.95
10-31	374+58.70	24.50' RT	1548.36	522789.30	900432.98
10-32	374+68.75	24.50' RT	1547.83	522788.34	900423.02
10-33	374+68.73	18.50' RT	1547.74	522782.37	900423.61
10-34	374+58.70	18.50' RT	1548.27	522783.33	900433.56
10-35	374+52.67	18.97' RT	1548.20	522784.38	900439.49

CTH H - NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
10-1	373+61.78	16.00' RT	1553.06	522791.08	900529.87
10-2	373+80.79	23.16' RT	1551.40	522796.04	900510.25
10-3	373+84.09	26.93' RT	1551.15	522799.43	900506.57
10-4	373+88.70	45.66' RT	1549.70	522817.54	900499.94
10-5	373+60.00	18.49' RT	1553.58	522793.76	900531.35
10-6	373+68.60	19.22' RT	1552.95	522793.49	900522.75
10-7	373+72.36	20.51' RT	1552.40	522794.36	900518.89
10-8	373+78.89	24.80' RT	1551.34	522797.89	900511.95
10-9	373+82.18	28.58' RT	1551.06	522801.28	900508.27
10-10	373+85.54	35.62' RT	1550.76	522807.90	900504.17
10-11	373+86.30	39.50' RT	1550.61	522811.68	900502.99
10-12	373+86.05	46.24' RT	1550.00	522818.40	900502.49
10-13	373+85.05	51.45' RT	1549.70	522823.69	900502.90
10-14	373+80.07	50.50' RT	1549.68	522823.30	900507.91
10-15	373+80.10	45.16' RT	1550.09	522817.99	900508.47
10-16	373+80.29	40.15' RT	1550.62	522812.98	900508.85
10-17	373+77.59	32.54' RT	1551.17	522805.73	900512.36
10-18	373+74.29	28.77' RT	1551.42	522802.34	900516.04
10-19	373+67.11	25.03' RT	1552.95	522799.44	900523.56
10-20	373+63.53	24.50' RT	1553.40	522799.32	900527.16
10-21	373+60.00	24.50' RT	1553.67	522799.73	900530.66

LEGEND

- XXXX . SAWCUT
- C1 CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C4 CONCRETE CURB PEDESTRIAN
- D1 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D3 CONCRETE DRIVEWAY HES 6-INCH
- F1 ASPHALTIC FLUMES
- F2 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 CONCRETE SIDEWALK 4-INCH
- Y2 FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- SURFACE WATER FLOW
- CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
- CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
- LL LEVEL LANDING

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS

DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS

THE CROSS SLOPE OF THE GUTTER SHELL BE 4% UNLESS OTHERWISE SHOWN

THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%

PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 44	E

SENSITIVE AREA

FOREST COUNTY POTAWATOMI TRIBAL LAND

CRANDON AVE - SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
11-1	377+26.33	16.00' LT	1535.01	522726.09	900170.05
11-2	377+44.76	22.50' LT	1534.27	522718.07	900152.22
11-3	377+50.48	28.50' LT	1534.14	522711.61	900147.03
11-4	377+56.41	45.58' LT	1534.14	522694.09	900142.54
11-5	377+33.62	19.55' LT	1535.00	522721.94	900163.08
11-6	377+40.39	22.50' LT	1534.25	522718.43	900156.58
11-7	377+47.29	28.50' LT	1534.17	522711.88	900150.20
11-8	377+49.45	31.46' LT	1534.49	522708.74	900148.30
11-9	377+05.60	19.50' LT	1536.08	522724.34	900190.99
11-10	377+25.46	22.50' LT	1534.76	522719.69	900171.45
11-11	377+30.01	22.50' LT	1534.70	522719.30	900166.92
11-12	377+36.01	22.50' LT	1534.28	522718.80	900160.94
11-13	377+36.01	28.50' LT	1534.34	522712.82	900161.44
11-14	377+30.01	28.50' LT	1534.76	522713.33	900167.42
11-15	377+25.01	28.50' LT	1534.83	522713.74	900172.40
11-16	377+04.60	25.41' LT	1536.15	522718.54	900192.49

LEGEND

- XXXX — SAWCUT
- C1 — CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 — CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C4 — CONCRETE CURB PEDESTRIAN
- D1 — 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D3 — CONCRETE DRIVEWAY HES 6-INCH
- F1 — ASPHALTIC FLUMES
- F2 — 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 — CONCRETE SIDEWALK 4-INCH
- Y2 — FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- SURFACE WATER FLOW
- CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
- CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
- LL — LEVEL LANDING

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS

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PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

CRANDON AVE - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
11-17	377+86.69	47.55' LT	1534.03	522689.82	900111.53
11-18	377+92.28	28.50' LT	1533.03	522708.48	900104.74
11-19	377+98.00	22.50' LT	1532.89	522714.11	900098.66
11-20	378+16.65	16.00' LT	1532.24	522719.42	900079.64
11-21	377+93.29	31.50' LT	1533.56	522705.42	900103.94
11-22	377+95.44	28.50' LT	1532.93	522708.28	900101.60
11-23	378+02.37	22.50' LT	1532.75	522713.83	900094.30
11-24	378+09.30	19.50' LT	1532.92	522716.39	900087.19
11-25	378+06.75	22.50' LT	1532.82	522713.55	900089.93
11-26	378+12.75	22.50' LT	1532.91	522713.17	900083.94
11-27	378+17.75	22.50' LT	1532.69	522712.86	900078.95
11-28	378+17.75	28.50' LT	1532.78	522706.87	900079.33
11-29	378+12.75	28.50' LT	1533.00	522707.19	900084.32
11-30	378+06.75	28.50' LT	1532.91	522707.57	900090.31

N

CRANDON AVE

89+50

STA 377+26.33 O/S 46.00' LT

STA 378+16.65 O/S 46.00' LT

STA 378+28.07 O/S 34.12' LT MATCH EXISTING

STA 378+31.93 O/S 34.12' LT MATCH EXISTING

R30'

GRADED FLARE

PAVED FLARE

TLE

R/W

SAN

OH

G

SS

T

GUY

11.19'

11.31'

TYPE 4B1 CURB RAMP
DETECTABLE WARNING FIELD RADIAL REQ'D

RADIAL ATTRIBUTES
BACK OF CURB RADIUS = 27.5'
RADIAL LONG CHORD = 9.16 LF
LANDING 'XR' = 11.31 LF

SEE PAVING DETAILS FOR ADDITIONAL INFORMATION

STH 32

377+00

377+50

378+00

EP: 90+00.00

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 45	E

RIVER ST (WEST) - SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
12-1	383+63.08	20.00' LT	1530.41	522680.93	899534.55
12-2	383+74.50	22.53' LT	1530.58	522677.68	899523.31
12-3	383+82.74	28.50' LT	1530.73	522671.20	899515.46
12-4	383+90.08	47.18' LT	1531.03	522652.09	899509.32
12-5	383+47.92	22.52' LT	1530.78	522679.36	899549.84
12-6	383+56.36	22.55' LT	1530.80	522678.80	899541.42
12-7	383+61.35	22.50' LT	1530.81	522678.54	899536.43
12-8	383+67.36	22.88' LT	1530.41	522677.78	899530.46
12-9	383+68.14	22.52' LT	1530.41	522678.09	899529.66
12-10	383+79.14	28.50' LT	1530.63	522671.43	899519.06
12-11	383+85.46	37.03' LT	1531.28	522662.52	899513.29
12-12	383+79.43	37.01' LT	1531.35	522662.91	899519.31
12-13	383+61.40	36.97' LT	1531.12	522664.10	899537.30
12-14	383+47.99	36.93' LT	1530.99	522664.98	899550.68
12-15	383+47.96	28.50' LT	1530.86	522673.39	899550.18
12-16	383+56.42	28.55' LT	1530.89	522672.81	899541.74
12-17	383+61.42	28.50' LT	1530.90	522672.55	899536.75
12-18	383+67.42	28.50' LT	1530.49	522672.17	899530.76

LEGEND

- XXXX . SAWCUT
- C1 CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C4 CONCRETE CURB PEDESTRIAN
- D1 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D3 CONCRETE DRIVEWAY HES 6-INCH
- F1 ASPHALTIC FLUMES
- F2 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 CONCRETE SIDEWALK 4-INCH
- Y2 FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- SURFACE WATER FLOW
- CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
- CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
- LL LEVEL LANDING

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS

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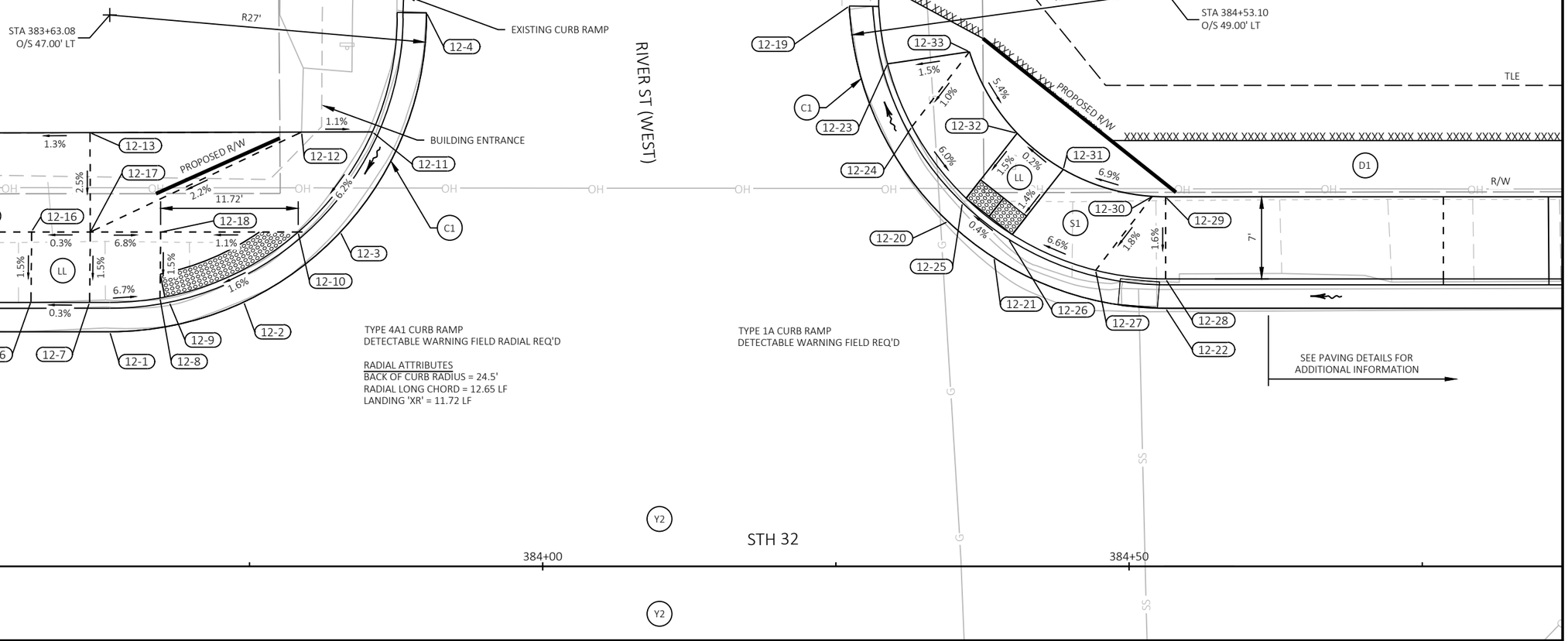
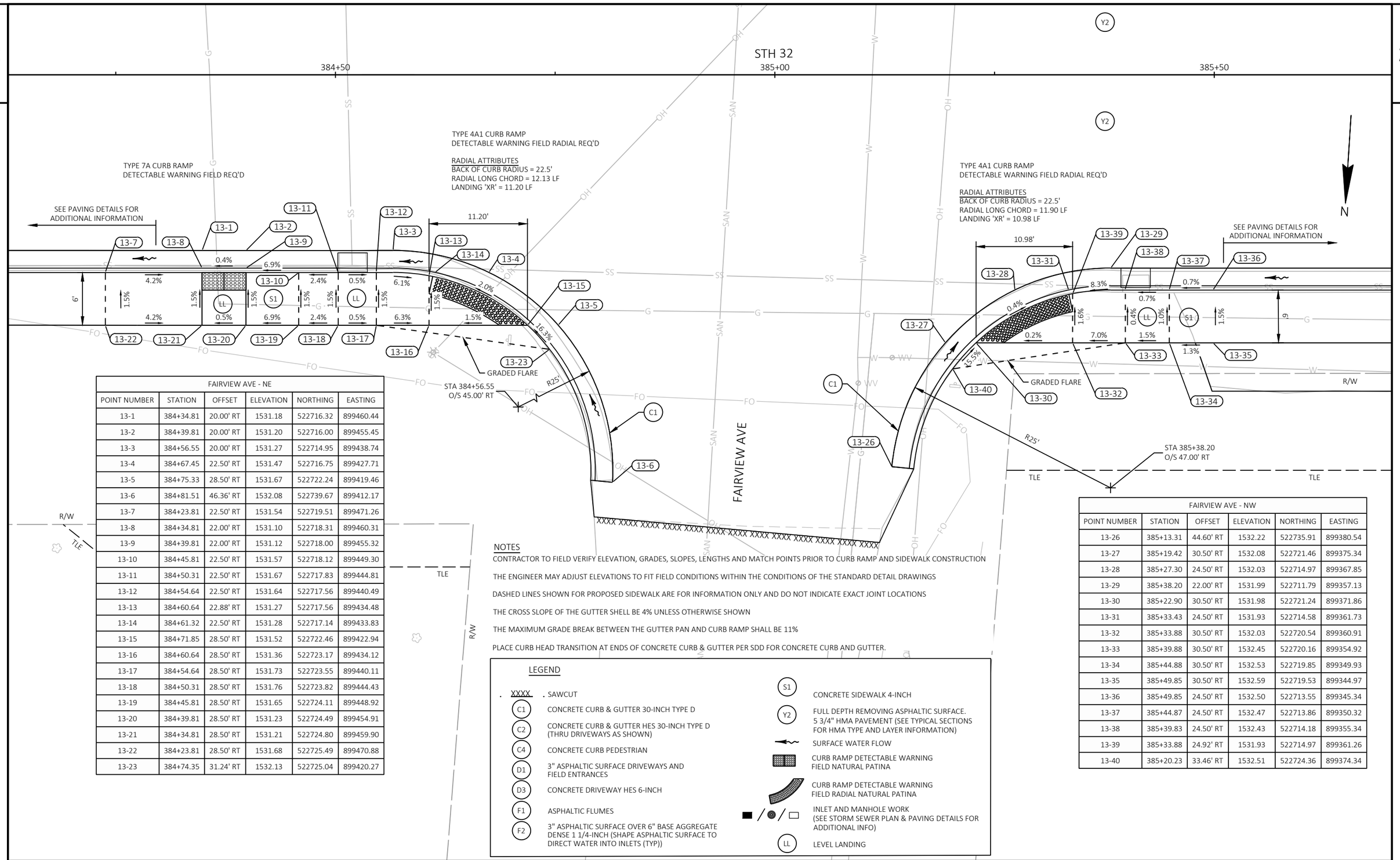
PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

RIVER ST (WEST) - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
12-19	384+26.13	47.76' LT	1531.02	522649.24	899473.38
12-20	384+34.54	29.40' LT	1531.05	522667.04	899463.83
12-21	384+38.47	26.31' LT	1531.07	522669.87	899459.71
12-22	384+53.10	22.00' LT	1531.13	522673.25	899444.83
12-23	384+29.39	42.84' LT	1531.42	522653.95	899469.81
12-24	384+31.48	37.48' LT	1531.44	522659.16	899467.39
12-25	384+35.78	30.98' LT	1530.97	522665.38	899462.69
12-26	384+39.71	27.89' LT	1530.99	522668.21	899458.57
12-27	384+47.14	25.24' LT	1531.50	522670.39	899450.99
12-28	384+53.10	24.50' LT	1531.55	522670.75	899444.99
12-29	384+53.10	31.50' LT	1531.67	522663.77	899445.43
12-30	384+51.97	31.54' LT	1531.65	522663.80	899446.57
12-31	384+44.37	33.83' LT	1531.10	522661.99	899454.30
12-32	384+40.44	36.92' LT	1531.09	522659.15	899458.41
12-33	384+36.37	43.86' LT	1531.52	522652.49	899462.91



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 46	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 12
PLOT DATE : 10/23/2023 7:30 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:10 FT



FAIRVIEW AVE - NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
13-1	384+34.81	20.00' RT	1531.18	522716.32	899460.44
13-2	384+39.81	20.00' RT	1531.20	522716.00	899455.45
13-3	384+56.55	20.00' RT	1531.27	522714.95	899438.74
13-4	384+67.45	22.50' RT	1531.47	522716.75	899427.71
13-5	384+75.33	28.50' RT	1531.67	522722.24	899419.46
13-6	384+81.51	46.36' RT	1532.08	522739.67	899412.17
13-7	384+23.81	22.50' RT	1531.54	522719.51	899471.26
13-8	384+34.81	22.00' RT	1531.10	522718.31	899460.31
13-9	384+39.81	22.00' RT	1531.12	522718.00	899455.32
13-10	384+45.81	22.50' RT	1531.57	522718.12	899449.30
13-11	384+50.31	22.50' RT	1531.67	522717.83	899444.81
13-12	384+54.64	22.50' RT	1531.64	522717.56	899440.49
13-13	384+60.64	22.88' RT	1531.27	522717.56	899434.48
13-14	384+61.32	22.50' RT	1531.28	522717.14	899433.83
13-15	384+71.85	28.50' RT	1531.52	522722.46	899422.94
13-16	384+60.64	28.50' RT	1531.36	522723.17	899434.12
13-17	384+54.64	28.50' RT	1531.73	522723.55	899440.11
13-18	384+50.31	28.50' RT	1531.76	522723.82	899444.43
13-19	384+45.81	28.50' RT	1531.65	522724.11	899448.92
13-20	384+39.81	28.50' RT	1531.23	522724.49	899454.91
13-21	384+34.81	28.50' RT	1531.21	522724.80	899459.90
13-22	384+23.81	28.50' RT	1531.68	522725.49	899470.88
13-23	384+74.35	31.24' RT	1532.13	522725.04	899420.27

FAIRVIEW AVE - NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
13-26	385+13.31	44.60' RT	1532.22	522735.91	899380.54
13-27	385+19.42	30.50' RT	1532.08	522721.46	899375.34
13-28	385+27.30	24.50' RT	1532.03	522714.97	899367.85
13-29	385+38.20	22.00' RT	1531.99	522711.79	899357.13
13-30	385+22.90	30.50' RT	1531.98	522721.24	899371.86
13-31	385+33.43	24.50' RT	1531.93	522714.58	899361.73
13-32	385+33.88	30.50' RT	1532.03	522720.54	899360.91
13-33	385+39.88	30.50' RT	1532.45	522720.16	899354.92
13-34	385+44.88	30.50' RT	1532.53	522719.85	899349.93
13-35	385+49.85	30.50' RT	1532.59	522719.53	899344.97
13-36	385+49.86	24.50' RT	1532.50	522713.55	899345.34
13-37	385+44.87	24.50' RT	1532.47	522713.86	899350.32
13-38	385+39.83	24.50' RT	1532.43	522714.18	899355.34
13-39	385+33.88	24.92' RT	1531.93	522714.97	899361.26
13-40	385+20.23	33.46' RT	1532.51	522724.36	899374.34

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

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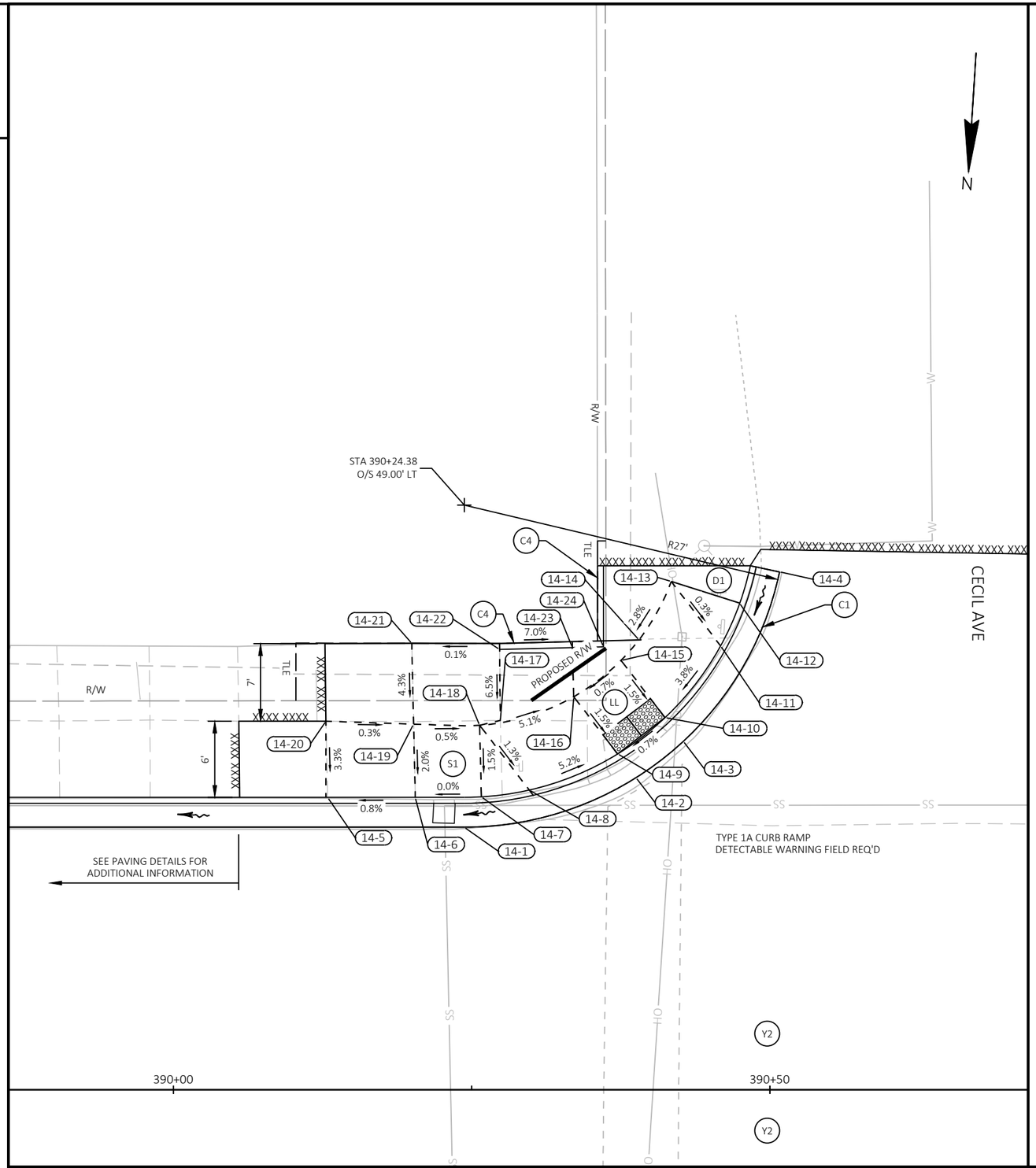
PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

LEGEND

- XXXX — SAWCUT
- C1 — CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 — CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C4 — CONCRETE CURB PEDESTRIAN
- D1 — 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D3 — CONCRETE DRIVEWAY HES 6-INCH
- F1 — ASPHALTIC FLUMES
- F2 — 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 — CONCRETE SIDEWALK 4-INCH
- Y2 — FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- SURFACE WATER FLOW
- CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
- CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
- LL — LEVEL LANDING

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 47	E


N
R/W
STA 390+24.38
O/S 49.00' LT
C4
TLE
R27'
XXXX XXXX XXXX

LEGEND

XXXX SAWCUT	
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
C4	CONCRETE CURB PEDESTRIAN
D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D3	CONCRETE DRIVEWAY HES 6-INCH
F1	ASPHALTIC FLUMES
F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
S1	CONCRETE SIDEWALK 4-INCH
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
	SURFACE WATER FLOW
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
LL	LEVEL LANDING

NOTES

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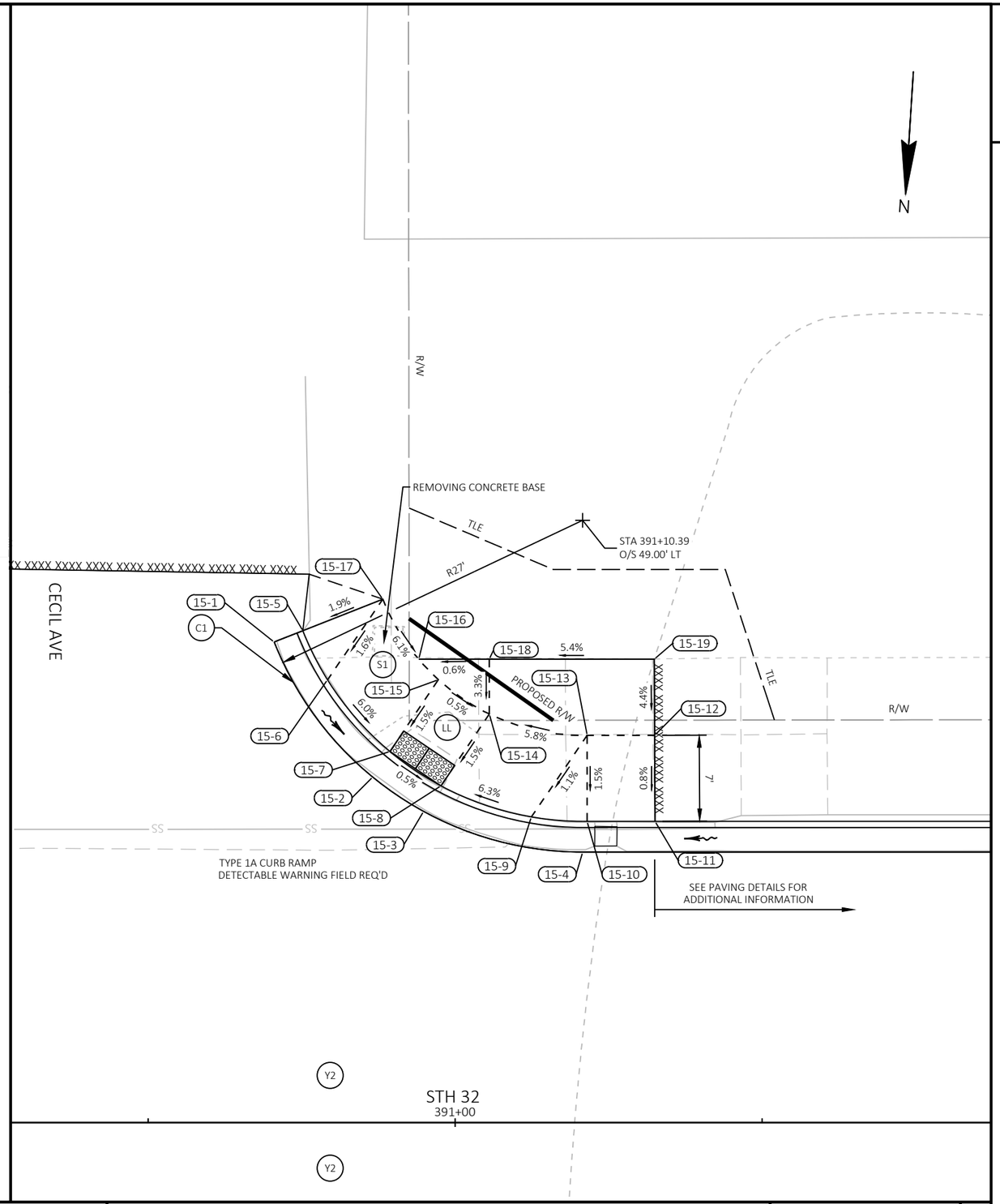
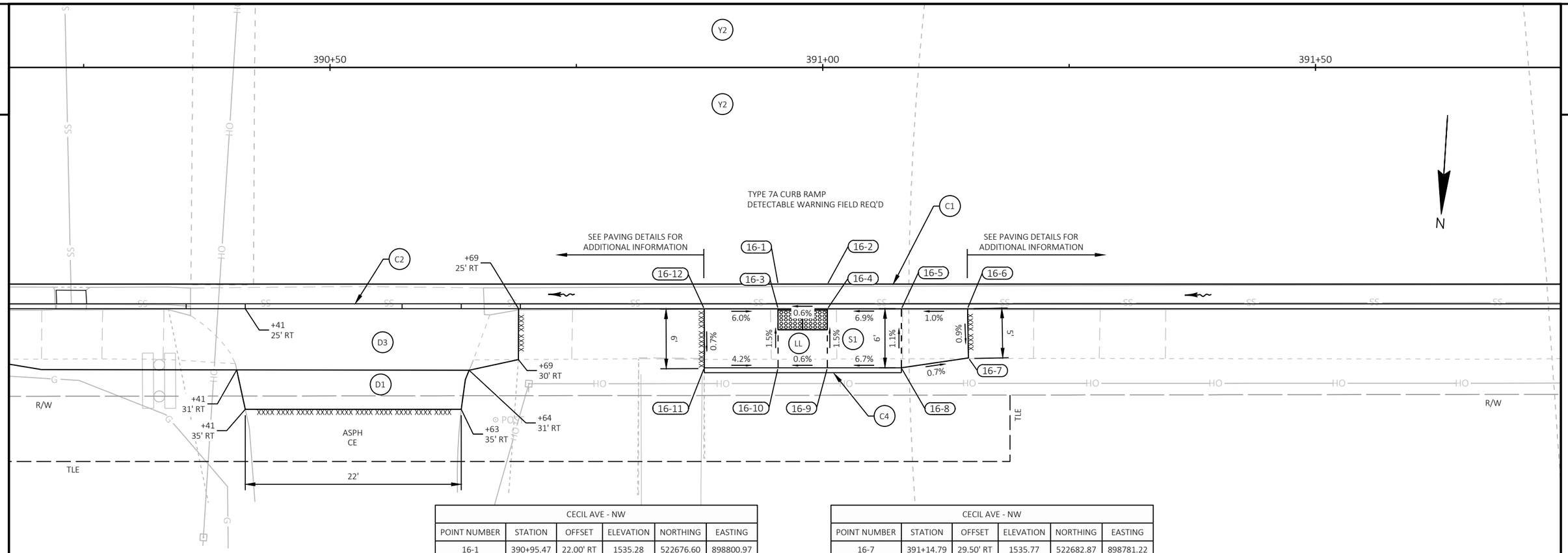
PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

CECIL AVE - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
15-1	390+85.27	39.10' LT	1536.25	522616.27	898815.01
15-2	390+93.29	28.11' LT	1535.79	522626.74	898806.31
15-3	390+97.43	25.31' LT	1535.77	522629.26	898802.00
15-4	391+10.39	22.00' LT	1535.73	522631.75	898788.86
15-5	390+87.62	40.00' LT	1536.17	522615.22	898812.72
15-6	390+89.61	36.02' LT	1536.18	522619.07	898810.48
15-7	390+94.69	30.19' LT	1535.71	522624.57	898805.04
15-8	390+98.84	27.39' LT	1535.69	522627.10	898800.73
15-9	391+06.20	24.86' LT	1536.18	522629.16	898793.22
15-10	391+10.76	24.50' LT	1536.16	522629.23	898788.65
15-11	391+16.28	24.50' LT	1536.34	522628.88	898783.14
15-12	391+16.25	31.50' LT	1536.40	522621.90	898783.61
15-13	391+10.76	31.50' LT	1536.27	522622.25	898789.09
15-14	391+02.78	33.24' LT	1535.80	522621.01	898797.16
15-15	390+98.63	36.04' LT	1535.82	522618.48	898801.48
15-16	390+97.03	37.70' LT	1535.91	522616.93	898803.19
15-17	390+94.11	42.58' LT	1536.31	522612.24	898806.41
15-18	391+02.77	37.70' LT	1535.94	522616.56	898797.45
15-19	391+16.22	37.70' LT	1536.67	522615.71	898784.03



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 49	E



CECIL AVE - NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
16-1	390+95.47	22.00' RT	1535.28	522676.60	898800.97
16-2	391+00.47	22.00' RT	1535.31	522676.29	898795.98
16-3	390+95.47	24.50' RT	1535.20	522679.10	898800.81
16-4	391+00.47	24.50' RT	1535.23	522678.78	898795.82
16-5	391+07.98	24.50' RT	1535.75	522678.31	898788.33
16-6	391+14.69	24.50' RT	1535.82	522677.89	898781.63

CECIL AVE - NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
16-7	391+14.79	29.50' RT	1535.77	522682.87	898781.22
16-8	391+07.98	30.50' RT	1535.82	522684.30	898787.95
16-9	391+00.47	30.50' RT	1535.32	522684.77	898795.45
16-10	390+95.47	30.50' RT	1535.29	522685.09	898800.44
16-11	390+87.98	30.50' RT	1535.60	522685.56	898807.91
16-12	390+87.97	24.50' RT	1535.64	522679.57	898808.30

LEGEND

- XXXX . SAWCUT
- C1 CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C4 CONCRETE CURB PEDESTRIAN
- D1 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D3 CONCRETE DRIVEWAY HES 6-INCH
- F1 ASPHALTIC FLUMES
- F2 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 CONCRETE SIDEWALK 4-INCH
- Y2 FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- SURFACE WATER FLOW
- CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
- CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
- LL LEVEL LANDING

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS

DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS

THE CROSS SLOPE OF THE GUTTER SHELL BE 4% UNLESS OTHERWISE SHOWN

THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%

PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 50	E

LEGEND

. XXXX .	SAWCUT
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
C4	CONCRETE CURB PEDESTRIAN
D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D3	CONCRETE DRIVEWAY HES 6-INCH
F1	ASPHALTIC FLUMES
F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
S1	CONCRETE SIDEWALK 4-INCH
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
	SURFACE WATER FLOW
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
LL	LEVEL LANDING

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

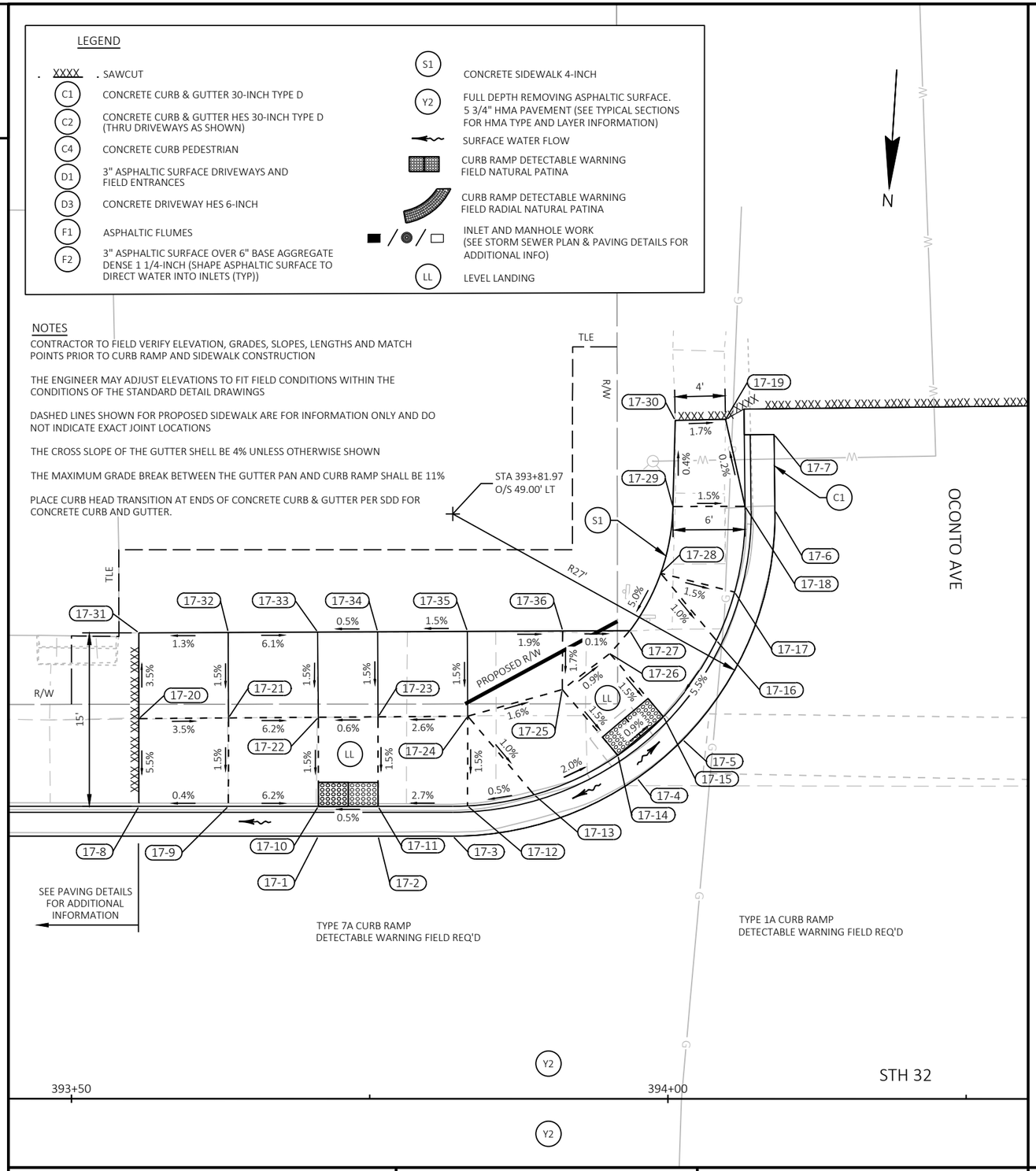
THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS

DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS

THE CROSS SLOPE OF THE GUTTER SHELL BE 4% UNLESS OTHERWISE SHOWN

THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%

PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.



OCONTO AVE - SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
17-1	393+70.70	22.00' LT	1536.98	522615.32	898529.07
17-2	393+75.70	22.00' LT	1537.00	522615.00	898524.08
17-3	393+81.97	22.00' LT	1537.03	522614.60	898517.82
17-4	393+97.42	26.86' LT	1537.07	522608.78	898502.71
17-5	394+01.24	30.09' LT	1537.04	522605.31	898499.10
17-6	394+08.96	49.30' LT	1536.89	522585.65	898492.60
17-7	394+08.89	55.66' LT	1536.93	522579.31	898493.08
17-8	393+55.65	24.50' LT	1537.33	522613.77	898544.24
17-9	393+63.15	24.50' LT	1537.36	522613.30	898536.76
17-10	393+70.70	24.50' LT	1536.90	522612.82	898529.22
17-11	393+75.70	24.50' LT	1536.92	522612.51	898524.23
17-12	393+83.20	24.53' LT	1537.12	522612.00	898516.75
17-13	393+88.78	25.47' LT	1537.15	522610.72	898511.24
17-14	393+95.80	28.78' LT	1537.00	522606.97	898504.45
17-15	393+99.62	32.01' LT	1536.96	522603.50	898500.84
17-16	394+04.06	38.40' LT	1537.40	522596.84	898496.81
17-17	394+05.58	42.46' LT	1537.37	522592.70	898495.55
17-18	394+06.46	49.63' LT	1537.31	522585.48	898495.12
17-19	394+04.83	56.93' LT	1537.30	522578.30	898497.21
17-20	393+55.65	31.85' LT	1537.74	522606.44	898544.71
17-21	393+63.17	31.90' LT	1537.47	522605.91	898537.21
17-22	393+70.70	31.96' LT	1537.01	522605.38	898529.70
17-23	393+75.70	32.00' LT	1537.04	522605.02	898524.71
17-24	393+83.22	32.05' LT	1537.24	522604.49	898517.21
17-25	393+91.14	34.28' LT	1537.11	522601.77	898509.44
17-26	393+95.13	37.31' LT	1537.06	522598.49	898505.65
17-27	393+96.80	39.22' LT	1537.19	522596.48	898504.10
17-28	393+99.38	44.03' LT	1537.46	522591.52	898501.83
17-29	394+00.41	49.63' LT	1537.40	522585.87	898501.16
17-30	394+00.61	56.84' LT	1537.37	522578.66	898501.42
17-31	393+55.64	39.03' LT	1537.48	522599.27	898545.17
17-32	393+63.14	39.07' LT	1537.58	522598.76	898537.69
17-33	393+70.64	39.10' LT	1537.12	522598.25	898530.21
17-34	393+75.67	39.12' LT	1537.15	522597.91	898525.19
17-35	393+83.18	39.16' LT	1537.34	522597.40	898517.69
17-36	393+91.17	39.20' LT	1537.19	522596.86	898509.72

2

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 51	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 17
PLOT DATE : 10/23/2023 7:31 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

LEGEND

. XXXX .	SAWCUT
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
C4	CONCRETE CURB PEDESTRIAN
D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D3	CONCRETE DRIVEWAY HES 6-INCH
F1	ASPHALTIC FLUMES
F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
S1	CONCRETE SIDEWALK 4-INCH
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
	SURFACE WATER FLOW
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
LL	LEVEL LANDING

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

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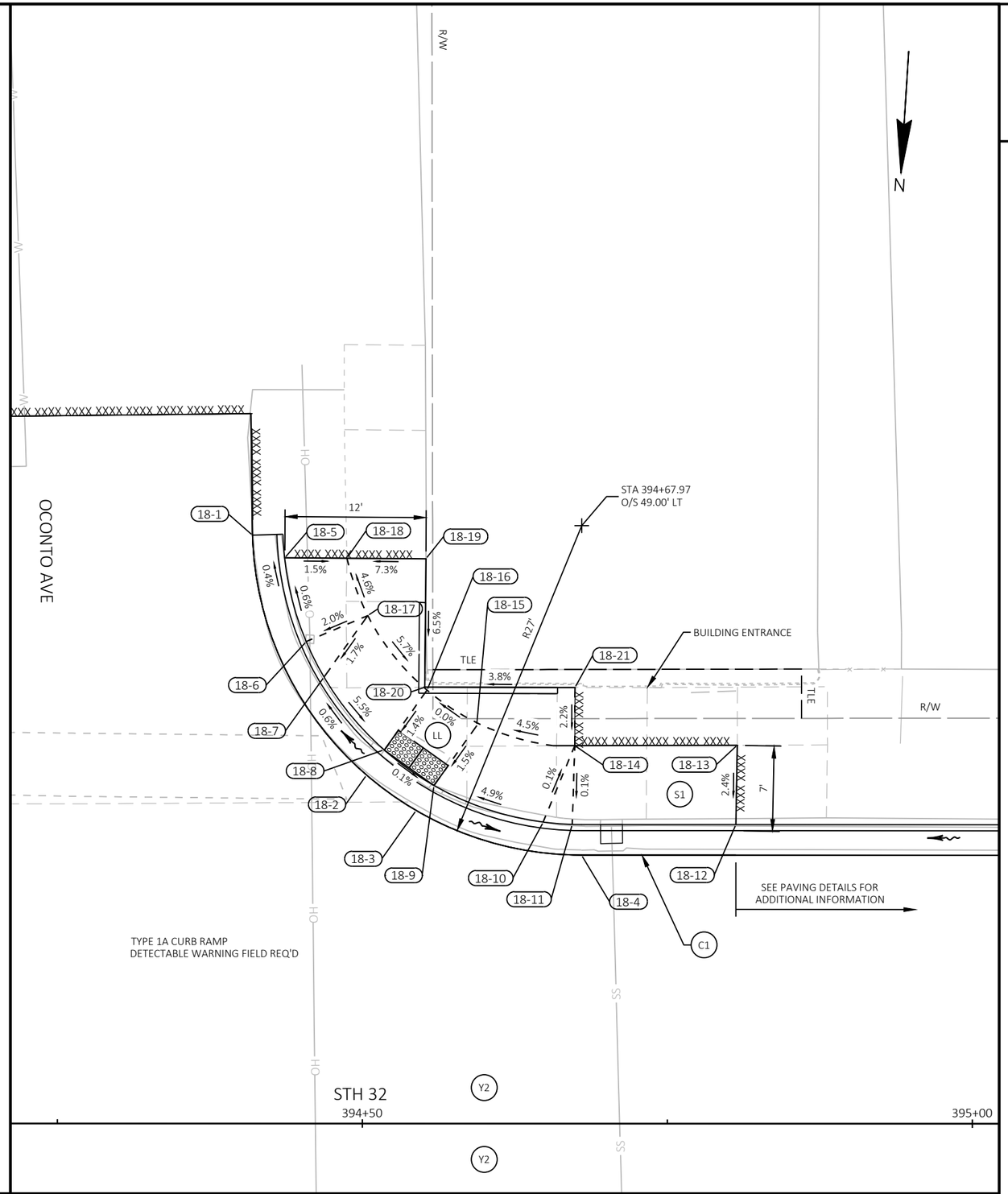
THE CROSS SLOPE OF THE GUTTER SHELL BE 4% UNLESS OTHERWISE SHOWN

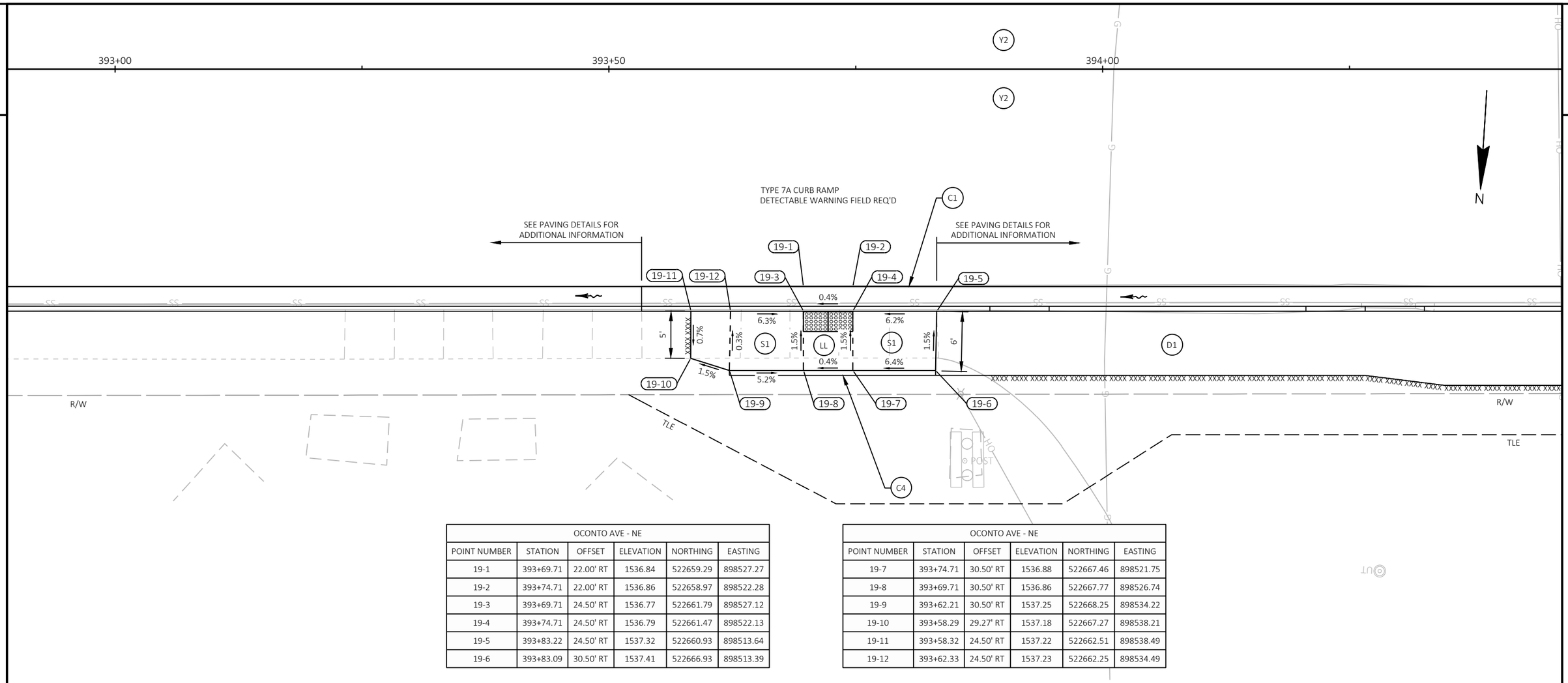
THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%

PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

OCONTO AVE - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
18-1	394+40.98	48.22' LT	1537.18	522584.71	898460.58
18-2	394+50.34	28.55' LT	1537.30	522603.75	898450.00
18-3	394+54.41	25.65' LT	1537.30	522606.39	898445.75
18-4	394+67.97	22.00' LT	1537.26	522609.18	898431.99
18-5	394+43.64	46.35' LT	1537.61	522586.41	898457.81
18-6	394+45.39	39.50' LT	1537.65	522593.14	898455.63
18-7	394+46.85	36.58' LT	1537.66	522595.95	898453.99
18-8	394+51.77	30.62' LT	1537.24	522601.60	898448.70
18-9	394+55.87	27.70' LT	1537.23	522604.25	898444.43
18-10	394+64.82	24.70' LT	1537.69	522606.68	898435.31
18-11	394+67.20	24.51' LT	1537.68	522606.72	898432.91
18-12	394+80.61	24.50' LT	1537.63	522605.88	898419.54
18-13	394+80.73	31.00' LT	1537.79	522599.38	898419.83
18-14	394+67.41	30.97' LT	1537.69	522600.25	898433.12
18-15	394+59.37	32.62' LT	1537.32	522599.12	898441.24
18-16	394+55.29	35.51' LT	1537.32	522596.49	898445.49
18-17	394+50.44	41.62' LT	1537.77	522590.70	898450.73
18-18	394+48.72	46.32' LT	1537.53	522586.12	898452.73
18-19	394+55.21	46.28' LT	1538.00	522585.75	898446.26
18-20	394+55.12	35.76' LT	1537.33	522596.25	898445.69
18-21	394+67.42	35.73' LT	1537.79	522595.51	898433.40



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 52	E



OCONTO AVE - NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
19-1	393+69.71	22.00' RT	1536.84	522659.29	898527.27
19-2	393+74.71	22.00' RT	1536.86	522658.97	898522.28
19-3	393+69.71	24.50' RT	1536.77	522661.79	898527.12
19-4	393+74.71	24.50' RT	1536.79	522661.47	898522.13
19-5	393+83.22	24.50' RT	1537.32	522660.93	898513.64
19-6	393+83.09	30.50' RT	1537.41	522666.93	898513.39

OCONTO AVE - NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
19-7	393+74.71	30.50' RT	1536.88	522667.46	898521.75
19-8	393+69.71	30.50' RT	1536.86	522667.77	898526.74
19-9	393+62.21	30.50' RT	1537.25	522668.25	898534.22
19-10	393+58.29	29.27' RT	1537.18	522667.27	898538.21
19-11	393+58.32	24.50' RT	1537.22	522662.51	898538.49
19-12	393+62.33	24.50' RT	1537.23	522662.25	898534.49

LEGEND

- XXXX . SAWCUT
- C1 CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C4 CONCRETE CURB PEDESTRIAN
- D1 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D3 CONCRETE DRIVEWAY HES 6-INCH
- F1 ASPHALTIC FLUMES
- F2 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 CONCRETE SIDEWALK 4-INCH
- Y2 FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- SURFACE WATER FLOW
- CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
- CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
- LL LEVEL LANDING

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS

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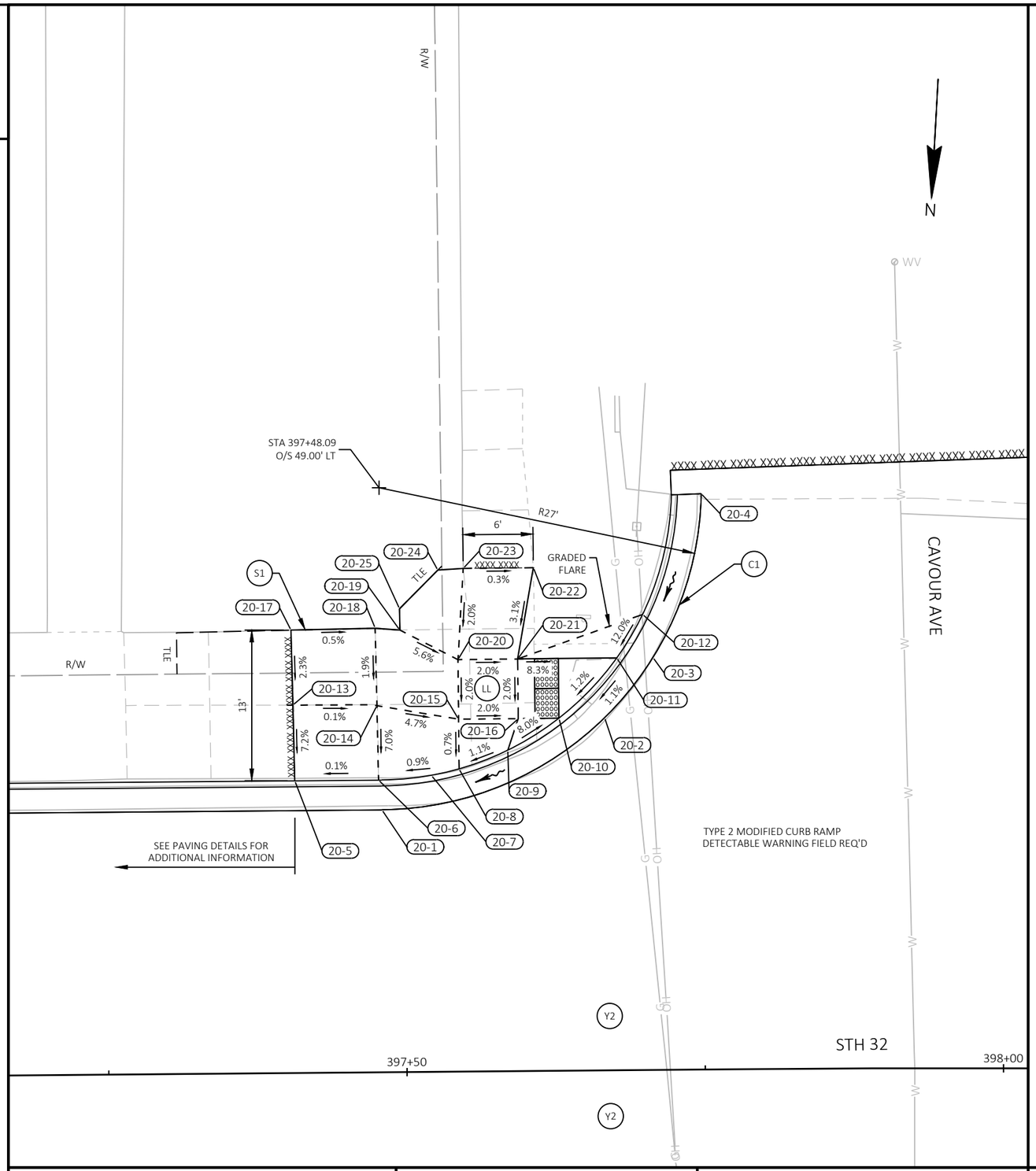
PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.



LEGEND

XXXX	SAWCUT
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
C4	CONCRETE CURB PEDESTRIAN
D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D3	CONCRETE DRIVEWAY HES 6-INCH
F1	ASPHALTIC FLUMES
F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
S1	CONCRETE SIDEWALK 4-INCH
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
	SURFACE WATER FLOW
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
LL	LEVEL LANDING

NOTES

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PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

CAVOUR AVE - SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
20-1	397+48.09	22.00' LT	1538.90	522591.49	898152.43
20-2	397+66.83	29.56' LT	1539.13	522582.76	898134.21
20-3	397+70.91	34.57' LT	1539.20	522577.51	898130.45
20-4	397+75.08	48.28' LT	1539.24	522563.56	898127.16
20-5	397+40.81	24.50' LT	1539.26	522589.46	898159.86
20-6	397+47.83	24.50' LT	1539.32	522589.01	898152.85
20-7	397+52.26	24.86' LT	1539.36	522588.38	898148.45
20-8	397+54.58	25.38' LT	1539.39	522587.71	898146.16
20-9	397+58.69	26.91' LT	1539.44	522585.92	898142.16
20-10	397+62.99	29.56' LT	1539.04	522583.01	898138.04
20-11	397+67.88	34.56' LT	1539.12	522577.70	898133.47
20-12	397+70.07	38.19' LT	1539.63	522573.94	898131.51
20-13	397+40.70	30.84' LT	1539.76	522583.14	898160.37
20-14	397+47.74	30.74' LT	1539.75	522582.79	898153.33
20-15	397+54.58	29.54' LT	1539.42	522583.55	898146.43
20-16	397+59.58	29.55' LT	1539.32	522583.23	898141.44
20-17	397+40.59	37.13' LT	1539.90	522576.86	898160.87
20-18	397+47.65	37.22' LT	1539.87	522576.33	898153.83
20-19	397+49.72	37.06' LT	1539.82	522576.36	898151.75
20-20	397+54.58	34.54' LT	1539.52	522578.56	898146.75
20-21	397+59.58	34.55' LT	1539.42	522578.24	898141.76
20-22	397+60.96	42.19' LT	1539.66	522570.53	898140.86
20-23	397+55.08	42.18' LT	1539.67	522570.90	898146.73
20-24	397+52.94	42.06' LT	1539.94	522571.17	898148.85
20-25	397+49.71	38.85' LT	1539.95	522574.57	898151.88

LEGEND

. XXXX .	SAWCUT
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
C4	CONCRETE CURB PEDESTRIAN
D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D3	CONCRETE DRIVEWAY HES 6-INCH
F1	ASPHALTIC FLUMES
F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
S1	CONCRETE SIDEWALK 4-INCH
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
	SURFACE WATER FLOW
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
LL	LEVEL LANDING

CAVOUR AVE - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
21-1	398+14.49	45.80' LT	1538.61	522563.81	898086.90
21-2	398+17.40	35.03' LT	1538.71	522574.43	898083.44
21-3	398+20.84	30.11' LT	1538.69	522579.19	898079.74
21-4	398+28.37	24.43' LT	1538.62	522584.55	898071.88
21-5	398+33.37	22.65' LT	1538.54	522586.13	898066.77
21-6	398+38.96	22.00' LT	1538.45	522586.57	898061.09
21-7	398+18.45	38.66' LT	1539.11	522570.76	898082.54
21-8	398+20.21	35.10' LT	1538.63	522574.24	898080.60
21-9	398+24.25	30.19' LT	1538.60	522578.97	898076.28
21-10	398+28.30	27.28' LT	1538.56	522581.70	898072.07
21-11	398+33.30	25.25' LT	1538.47	522583.53	898066.94
21-12	398+38.53	24.50' LT	1538.88	522584.08	898061.62
21-13	398+41.46	24.49' LT	1538.87	522584.00	898058.66
21-14	398+48.49	24.50' LT	1538.88	522583.74	898051.57
21-15	398+55.51	24.50' LT	1538.71	522583.53	898044.47
21-16	398+27.80	46.70' LT	1539.27	522562.32	898073.36
21-17	398+28.09	35.29' LT	1538.79	522573.71	898072.60
21-18	398+28.22	30.29' LT	1538.71	522578.70	898072.27
21-19	398+33.15	30.43' LT	1538.71	522578.37	898067.28
21-20	398+41.27	30.67' LT	1538.96	522577.82	898059.07
21-21	398+48.33	30.92' LT	1538.98	522577.33	898051.93
21-22	398+55.34	31.19' LT	1539.13	522576.85	898044.84
21-23	398+55.17	38.38' LT	1539.30	522569.66	898045.21
21-24	398+48.05	38.08' LT	1539.08	522570.18	898052.44
21-25	398+41.10	37.75' LT	1539.06	522570.76	898059.49
21-26	398+34.08	37.56' LT	1538.93	522571.20	898066.61
21-27	398+34.07	38.04' LT	1539.32	522570.73	898066.65
21-28	398+32.92	38.03' LT	1538.93	522570.78	898067.81
21-29	398+32.70	46.84' LT	1539.42	522561.99	898068.38

NOTES

CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION

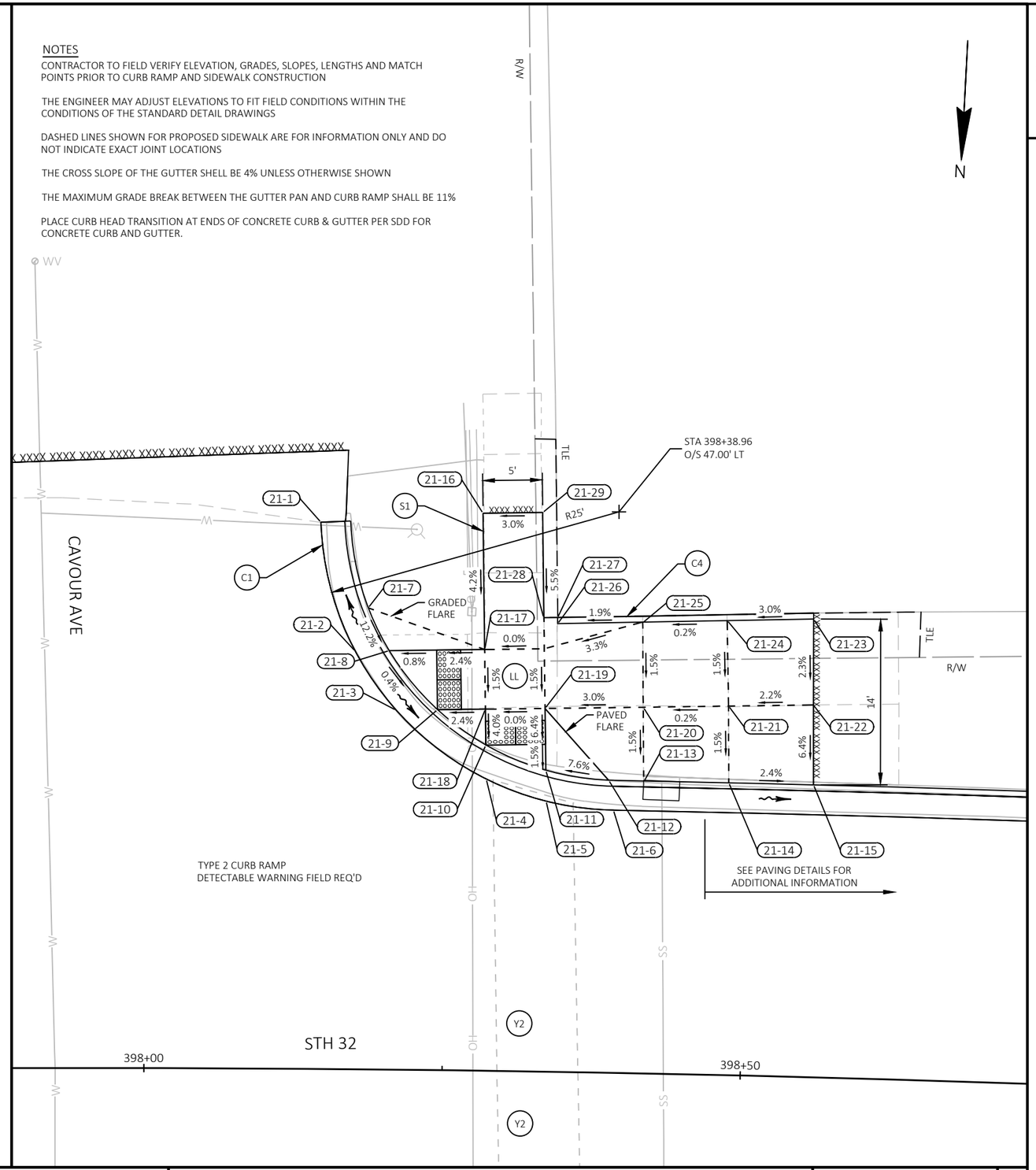
THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS

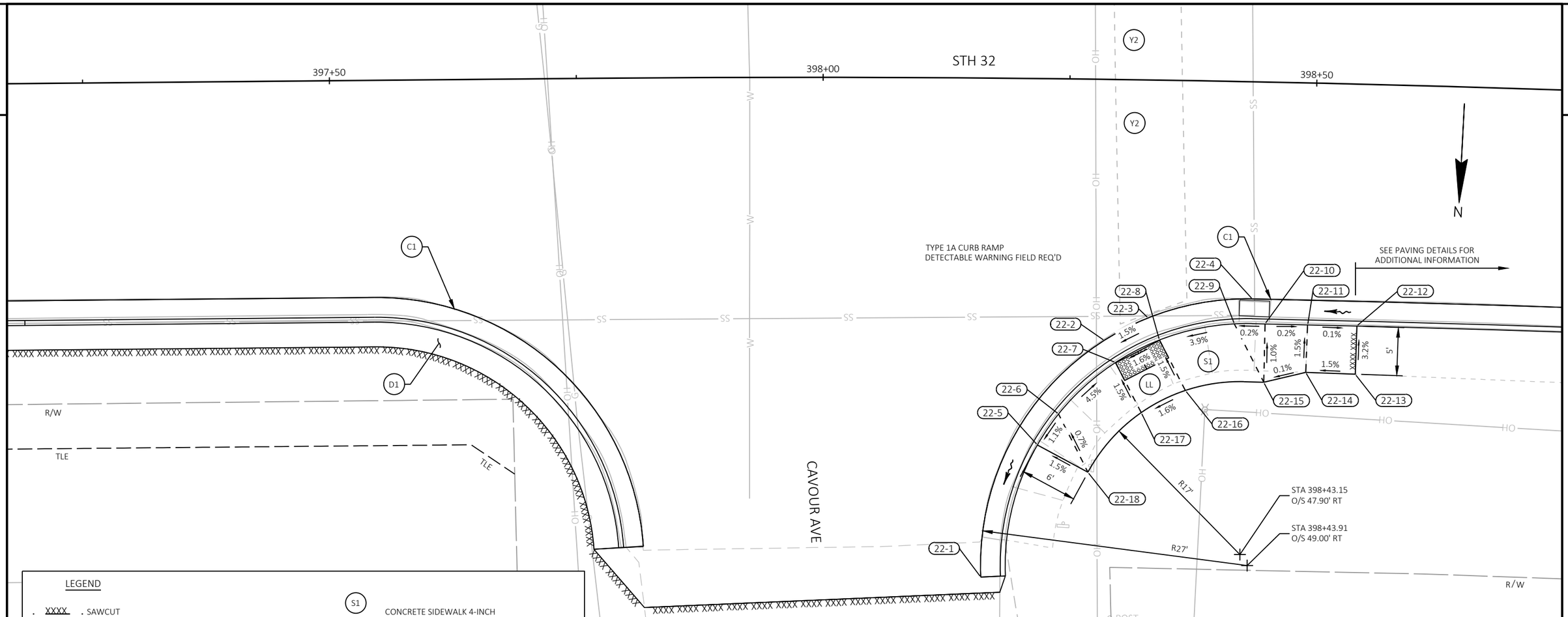
DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS

THE CROSS SLOPE OF THE GUTTER SHELL BE 4% UNLESS OTHERWISE SHOWN

THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%

PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.





LEGEND

XXXX . SAWCUT	
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
C4	CONCRETE CURB PEDESTRIAN
D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D3	CONCRETE DRIVEWAY HES 6-INCH
F1	ASPHALTIC FLUMES
F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
S1	CONCRETE SIDEWALK 4-INCH
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
	SURFACE WATER FLOW
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
LL	LEVEL LANDING

NOTES

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THE CROSS SLOPE OF THE GUTTER SHELL BE 4% UNLESS OTHERWISE SHOWN

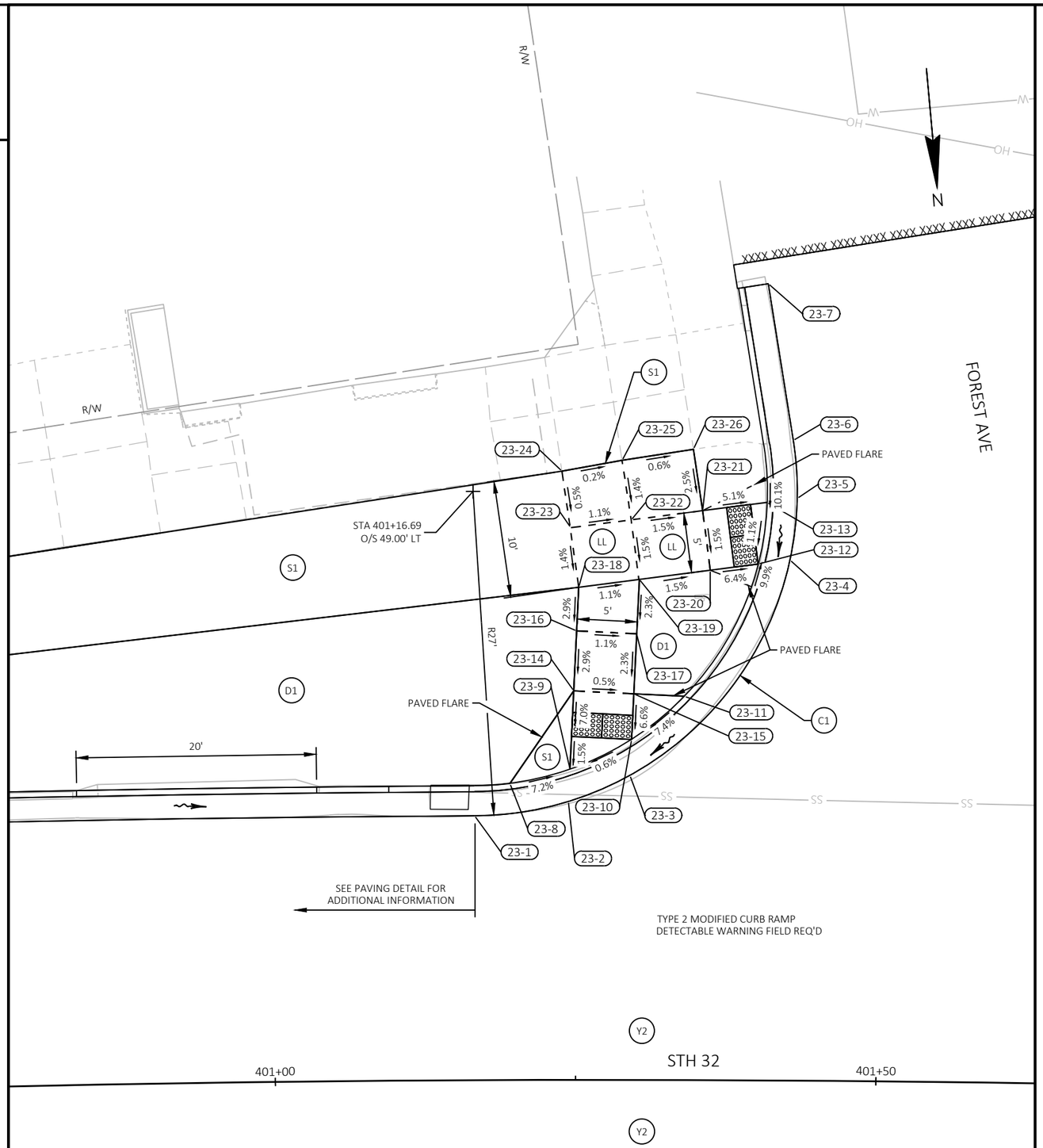
THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%

PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

CAVOUR AVE - NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
22-1	398+16.36	50.54' RT	1538.24	522659.96	898080.57
22-2	398+28.82	26.45' RT	1538.60	522635.37	898069.37
22-3	398+33.29	24.11' RT	1538.67	522632.85	898065.05
22-4	398+43.91	22.00' RT	1538.47	522630.37	898054.61
22-5	398+22.08	37.10' RT	1538.83	522646.29	898075.56
22-6	398+24.23	33.95' RT	1538.87	522643.05	898073.59
22-7	398+30.01	28.67' RT	1538.52	522637.54	898068.11
22-8	398+34.48	26.32' RT	1538.60	522635.02	898063.78
22-9	398+42.12	24.56' RT	1538.91	522632.99	898056.30

CAVOUR AVE - NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
22-10	398+45.26	24.50' RT	1538.86	522632.82	898053.20
22-11	398+49.62	24.50' RT	1538.91	522632.68	898048.89
22-12	398+54.66	24.50' RT	1538.90	522632.53	898043.90
22-13	398+54.61	29.38' RT	1539.05	522637.41	898043.81
22-14	398+49.53	29.31' RT	1538.98	522637.50	898048.83
22-15	398+45.25	30.41' RT	1538.97	522638.73	898053.01
22-16	398+37.22	31.40' RT	1538.69	522640.00	898060.89
22-17	398+32.73	33.71' RT	1538.61	522642.47	898065.23
22-18	398+27.33	39.82' RT	1538.92	522648.79	898070.30

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 56	E



LEGEND

XXXX	SAWCUT
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
C4	CONCRETE CURB PEDESTRIAN
D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D3	CONCRETE DRIVEWAY HES 6-INCH
F1	ASPHALTIC FLUMES
F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
S1	CONCRETE SIDEWALK 4-INCH
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
	SURFACE WATER FLOW
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
LL	LEVEL LANDING

NOTES

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PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

FOREST AVE - SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
23-1	401+16.69	22.00' LT	1537.65	522593.46	897780.96
23-2	401+24.43	23.17' LT	1537.45	522592.97	897773.07
23-3	401+29.49	25.34' LT	1537.48	522591.27	897767.78
23-4	401+42.56	43.32' LT	1537.60	522574.61	897752.89
23-5	401+43.12	48.44' LT	1537.62	522569.56	897751.83
23-6	401+42.77	53.27' LT	1537.65	522564.72	897751.73
23-7	401+40.67	66.30' LT	1537.72	522551.55	897752.62
23-8	401+19.62	24.68' LT	1537.75	522591.04	897777.78
23-9	401+24.56	25.84' LT	1537.38	522590.32	897772.70
23-10	401+29.63	28.33' LT	1537.41	522588.30	897767.37
23-11	401+33.96	31.93' LT	1537.83	522585.12	897762.67
23-12	401+39.97	42.96' LT	1537.51	522574.71	897755.56
23-13	401+40.66	48.10' LT	1537.54	522569.66	897754.36
23-14	401+24.88	32.37' LT	1537.68	522583.84	897771.80
23-15	401+29.81	32.13' LT	1537.66	522584.53	897766.85
23-16	401+25.13	37.37' LT	1537.83	522578.89	897771.11
23-17	401+30.04	37.12' LT	1537.78	522579.58	897766.16
23-18	401+25.31	41.00' LT	1537.94	522575.29	897770.61
23-19	401+30.25	41.65' LT	1537.88	522575.09	897765.53
23-20	401+36.06	42.43' LT	1537.78	522574.86	897759.57
23-21	401+35.41	47.38' LT	1537.86	522569.87	897759.77
23-22	401+29.58	46.60' LT	1537.96	522570.10	897765.76
23-23	401+24.66	45.96' LT	1538.01	522570.29	897770.82
23-24	401+23.94	50.65' LT	1538.03	522565.55	897771.14
23-25	401+28.83	51.55' LT	1538.02	522565.10	897766.08
23-26	401+34.64	52.49' LT	1537.99	522564.71	897760.08

LEGEND

. XXXX . SAWCUT	
C1	CONCRETE CURB & GUTTER 30-INCH TYPE D
C2	CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
C4	CONCRETE CURB PEDESTRIAN
D1	3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
D3	CONCRETE DRIVEWAY HES 6-INCH
F1	ASPHALTIC FLUMES
F2	3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
S1	CONCRETE SIDEWALK 4-INCH
Y2	FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
	SURFACE WATER FLOW
	CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
	CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
	INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
LL	LEVEL LANDING

NOTES

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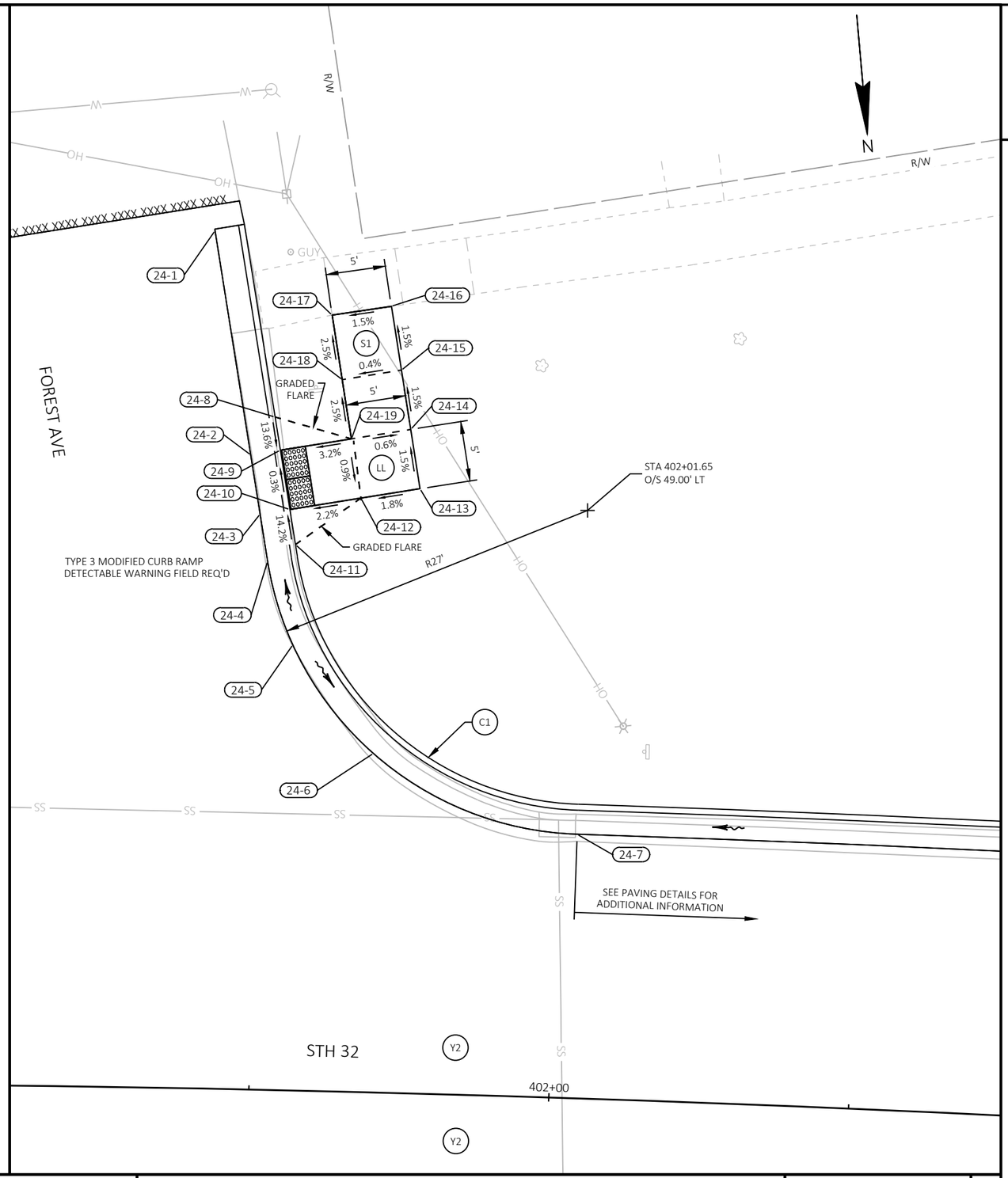
PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

FOREST AVE - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
24-1	401+70.82	71.51' LT	1537.73	522549.53	897721.19
24-2	401+74.08	52.88' LT	1537.79	522568.42	897719.90
24-3	401+74.95	47.96' LT	1537.80	522573.41	897719.56
24-4	401+75.64	44.05' LT	1537.81	522577.37	897719.29
24-5	401+77.85	37.14' LT	1537.82	522584.49	897717.83
24-6	401+84.67	28.24' LT	1537.66	522594.11	897711.96
24-7	402+01.65	22.00' LT	1537.62	522602.34	897695.65
24-8	401+76.00	56.08' LT	1538.13	522565.46	897717.60
24-9	401+76.48	53.32' LT	1537.75	522568.25	897717.41
24-10	401+77.36	48.40' LT	1537.76	522573.24	897717.07
24-11	401+77.88	45.48' LT	1538.18	522576.20	897716.87
24-12	401+83.13	49.48' LT	1537.90	522572.83	897711.08
24-13	401+87.93	50.39' LT	1537.98	522572.49	897706.11
24-14	401+87.05	55.31' LT	1537.91	522567.50	897706.43
24-15	401+86.17	60.23' LT	1537.83	522562.51	897706.76
24-16	401+85.21	65.52' LT	1537.75	522557.14	897707.14
24-17	401+80.44	64.68' LT	1537.68	522557.42	897712.10
24-18	401+81.38	59.32' LT	1537.82	522562.85	897711.75
24-19	401+82.25	54.40' LT	1537.94	522567.84	897711.42



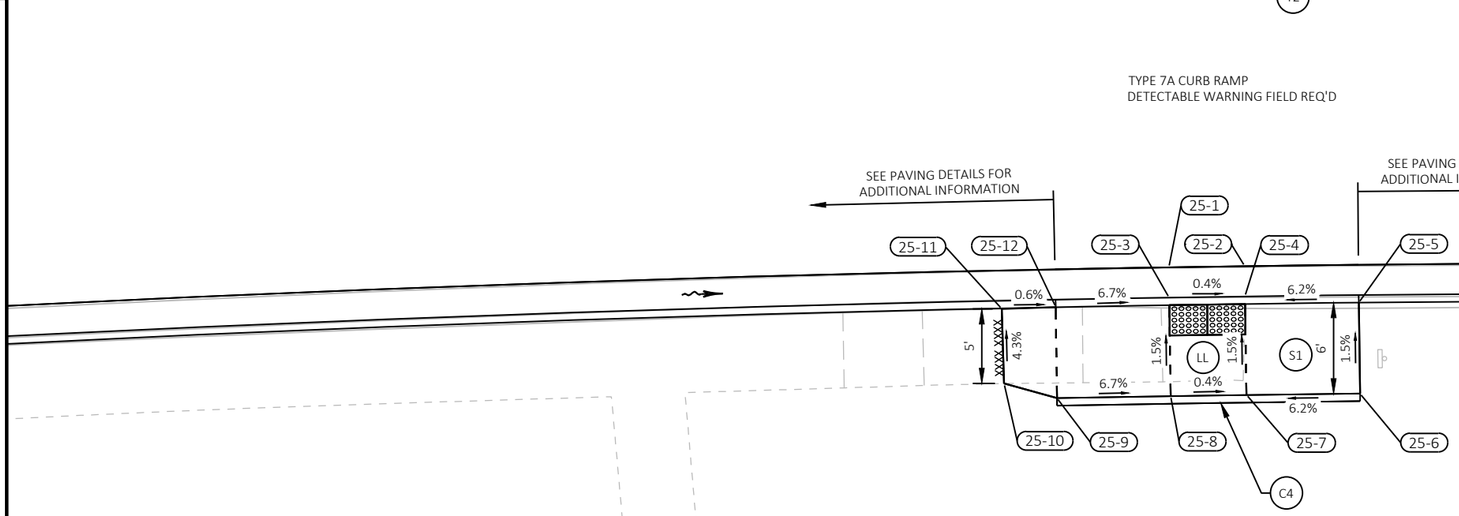
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CURB RAMP DETAILS	SHEET 58	E

STH 32

400+50 401+00 401+50 402+00

Y2

TYPE 7A CURB RAMP
DETECTABLE WARNING FIELD REQ'D



N

R/W

FOREST AVE - NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
25-1	401+22.03	22.00' RT	1537.57	522637.75	897779.43
25-2	401+27.08	22.00' RT	1537.55	522638.20	897774.45
25-3	401+22.03	24.00' RT	1537.49	522639.75	897779.61
25-4	401+27.08	24.00' RT	1537.47	522640.19	897774.63
25-5	401+34.66	24.50' RT	1537.94	522641.37	897767.20
25-6	401+34.68	30.50' RT	1538.04	522647.35	897767.74

FOREST AVE - NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
25-7	401+27.08	30.50' RT	1537.57	522646.66	897775.21
25-8	401+22.02	30.49' RT	1537.59	522646.21	897780.19
25-9	401+14.41	30.50' RT	1538.09	522645.58	897787.66
25-10	401+10.89	29.46' RT	1538.23	522644.25	897791.04
25-11	401+10.85	24.54' RT	1538.03	522639.34	897790.68
25-12	401+14.45	24.50' RT	1538.00	522639.60	897787.13

R/W

LEGEND

- XXXX . SAWCUT
- C1 CONCRETE CURB & GUTTER 30-INCH TYPE D
- C2 CONCRETE CURB & GUTTER HES 30-INCH TYPE D (THRU DRIVEWAYS AS SHOWN)
- C4 CONCRETE CURB PEDESTRIAN
- D1 3" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- D3 CONCRETE DRIVEWAY HES 6-INCH
- F1 ASPHALTIC FLUMES
- F2 3" ASPHALTIC SURFACE OVER 6" BASE AGGREGATE DENSE 1 1/4-INCH (SHAPE ASPHALTIC SURFACE TO DIRECT WATER INTO INLETS (TYP))
- S1 CONCRETE SIDEWALK 4-INCH
- Y2 FULL DEPTH REMOVING ASPHALTIC SURFACE. 5 3/4" HMA PAVEMENT (SEE TYPICAL SECTIONS FOR HMA TYPE AND LAYER INFORMATION)
- SURFACE WATER FLOW
- CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA
- CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA
- INLET AND MANHOLE WORK (SEE STORM SEWER PLAN & PAVING DETAILS FOR ADDITIONAL INFO)
- LL LEVEL LANDING

NOTES

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PLACE CURB HEAD TRANSITION AT ENDS OF CONCRETE CURB & GUTTER PER SDD FOR CONCRETE CURB AND GUTTER.

2

LEGEND

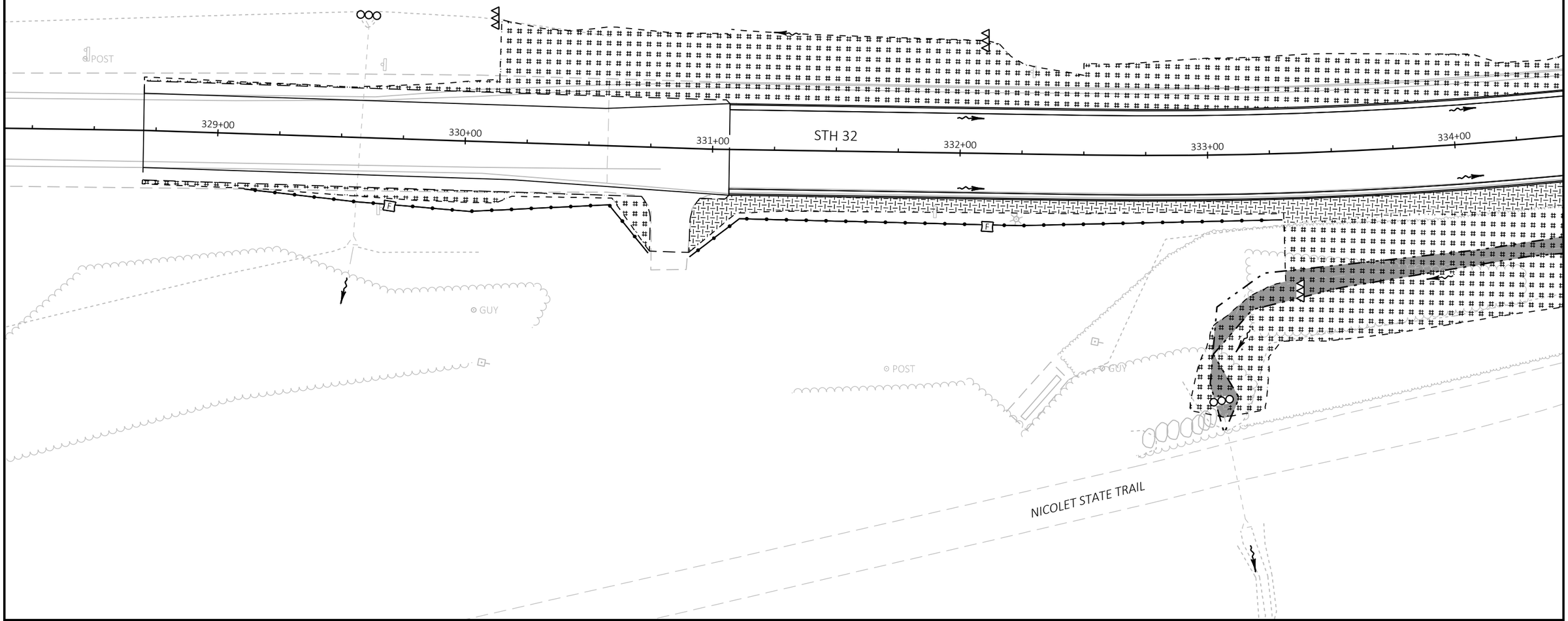
- PERMITTED WETLAND IMPACTS
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- GROUTED RIPRAP MEDIUM (UNLESS OTHERWISE NOTED) (SEE CONSTRUCTION DETAILS)
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- SILT FENCE RELIEF (ROCK BAGS)
- INLET PROTECTION TYPE A & C (UNLESS OTHERWISE NOTED)
- ROCK BAGS

NOTES

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

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXPECT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED, SEEDED AND COVERED WITH EROSION MAT.

N



2

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	EROSION CONTROL	SHEET 60	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 01

PLOT DATE : 10/19/2023 8:48 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

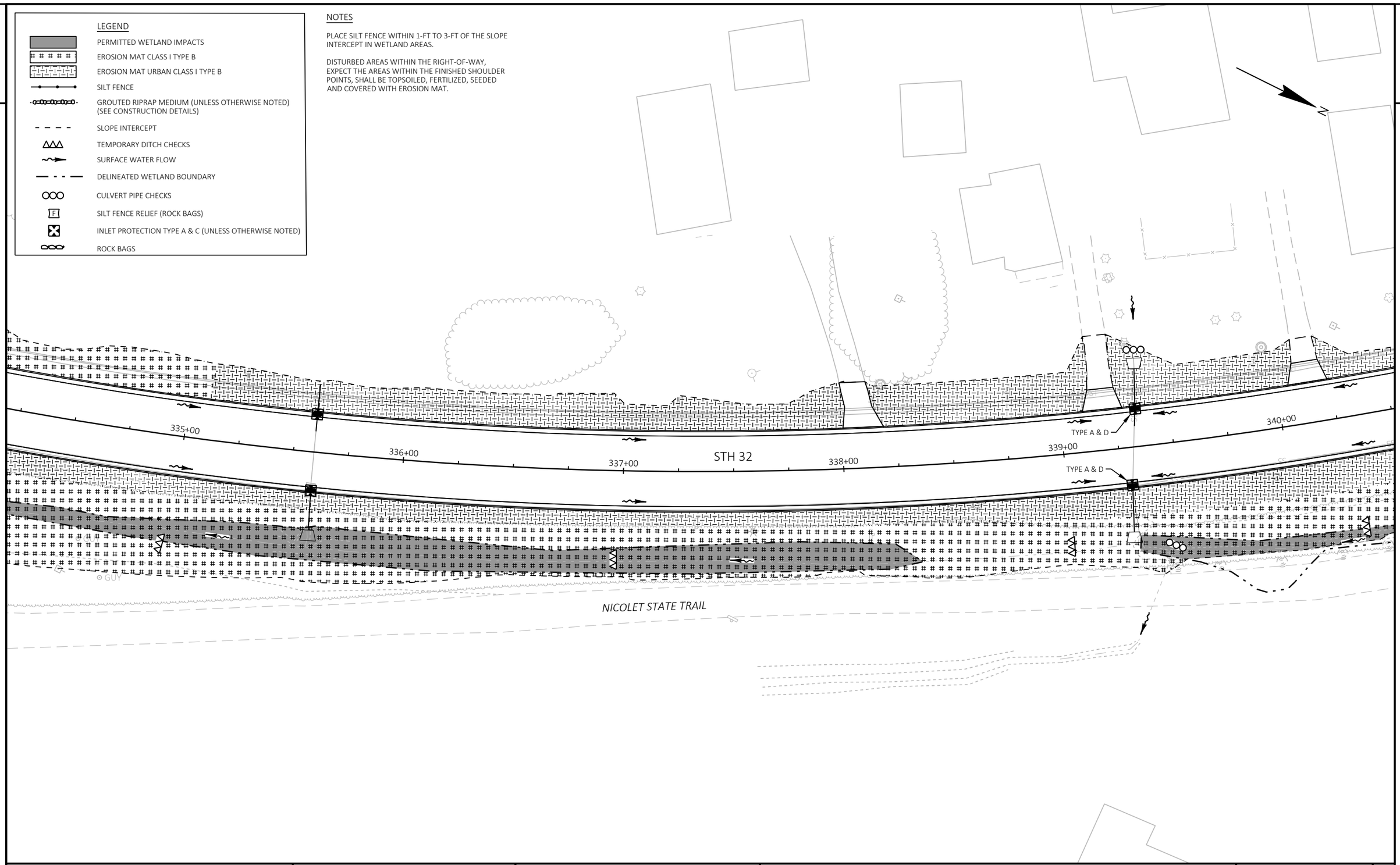
LEGEND

- PERMITTED WETLAND IMPACTS
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- GROUTED RIPRAP MEDIUM (UNLESS OTHERWISE NOTED) (SEE CONSTRUCTION DETAILS)
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- SILT FENCE RELIEF (ROCK BAGS)
- INLET PROTECTION TYPE A & C (UNLESS OTHERWISE NOTED)
- ROCK BAGS

NOTES

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

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXPECT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED, SEEDED AND COVERED WITH EROSION MAT.



2

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	EROSION CONTROL	SHEET 61	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 02

PLOT DATE : 10/19/2023 8:48 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- PERMITTED WETLAND IMPACTS
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- GROUTED RIPRAP MEDIUM (UNLESS OTHERWISE NOTED) (SEE CONSTRUCTION DETAILS)
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- SILT FENCE RELIEF (ROCK BAGS)
- INLET PROTECTION TYPE A & C (UNLESS OTHERWISE NOTED)
- ROCK BAGS

NOTES

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

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXPECT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED, SEEDED AND COVERED WITH EROSION MAT.

LIND AVE

RIVER ST (EAST)

N

RIPRAP MEDIUM
12' X 12'

TYPE A & B

341+00

342+00

343+00

STH 32

344+00

345+00

346+00

RIPRAP MEDIUM
7' X 18'

NICOLET STATE TRAIL

CTH C

BROADWAY ST

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	EROSION CONTROL	SHEET 62	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 03

PLOT DATE : 10/19/2023 8:48 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

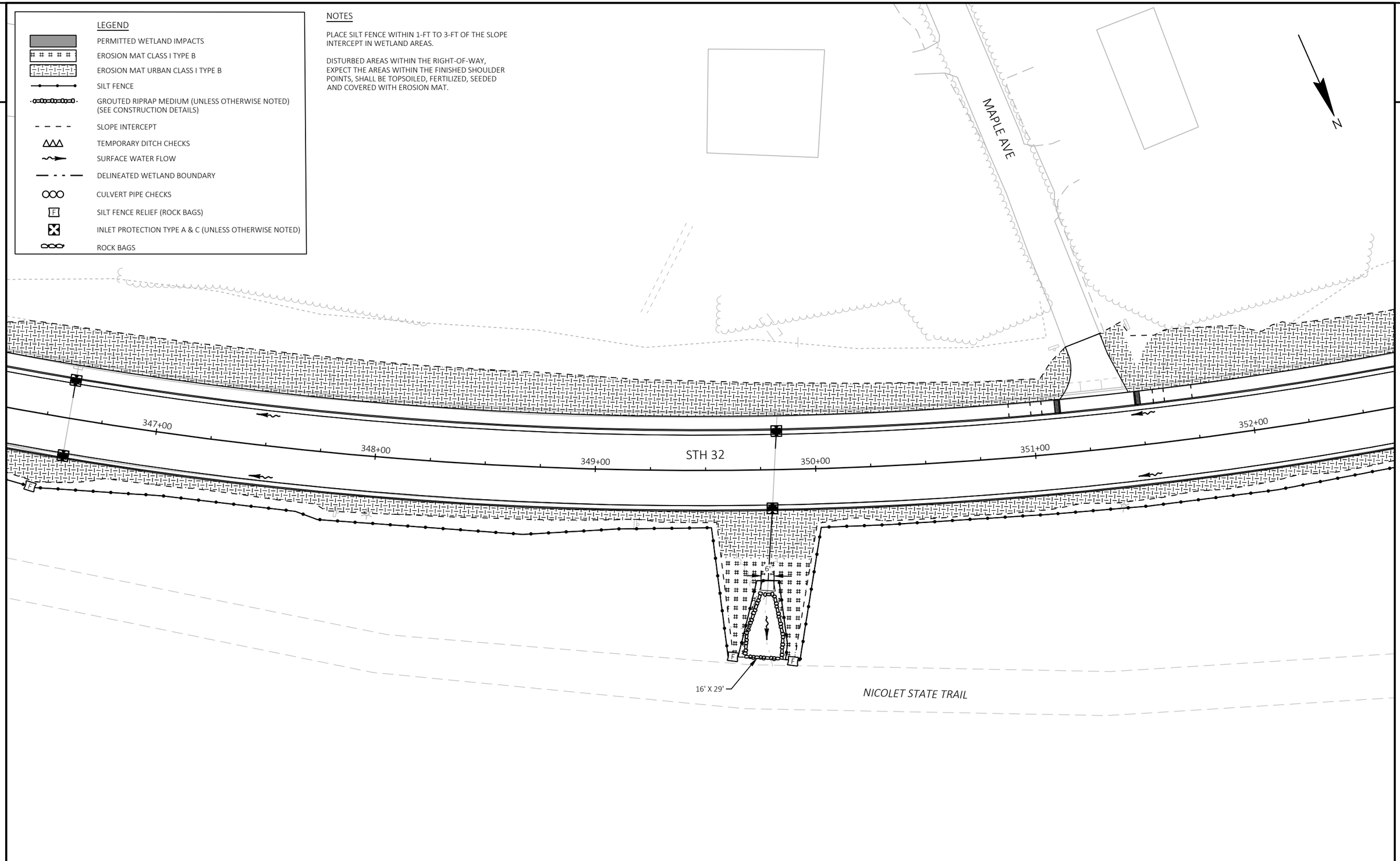
LEGEND

- PERMITTED WETLAND IMPACTS
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- GROUTED RIPRAP MEDIUM (UNLESS OTHERWISE NOTED) (SEE CONSTRUCTION DETAILS)
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- SILT FENCE RELIEF (ROCK BAGS)
- INLET PROTECTION TYPE A & C (UNLESS OTHERWISE NOTED)
- ROCK BAGS

NOTES

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

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXPECT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED, SEEDED AND COVERED WITH EROSION MAT.



2

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	EROSION CONTROL	SHEET 63	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 04

PLOT DATE : 10/19/2023 8:48 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- PERMITTED WETLAND IMPACTS
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- GROUTED RIPRAP MEDIUM (UNLESS OTHERWISE NOTED) (SEE CONSTRUCTION DETAILS)
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- SILT FENCE RELIEF (ROCK BAGS)
- INLET PROTECTION TYPE A & C (UNLESS OTHERWISE NOTED)
- ROCK BAGS

NOTES

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

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXPECT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED, SEEDED AND COVERED WITH EROSION MAT.

N

ELM AVE

TYPE A & B

TYPE A & B

353+00

354+00

355+00

STH 32

356+00

357+00

358+00

MATCH EXISTING GROUTED RIPRAP MEDIUM
5' X 8'

6' X 36'

NICOLET STATE TRAIL

2

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	EROSION CONTROL	SHEET 64	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 05

PLOT DATE : 10/23/2023 10:34 AM PLOT BY : SCOTT KAISER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

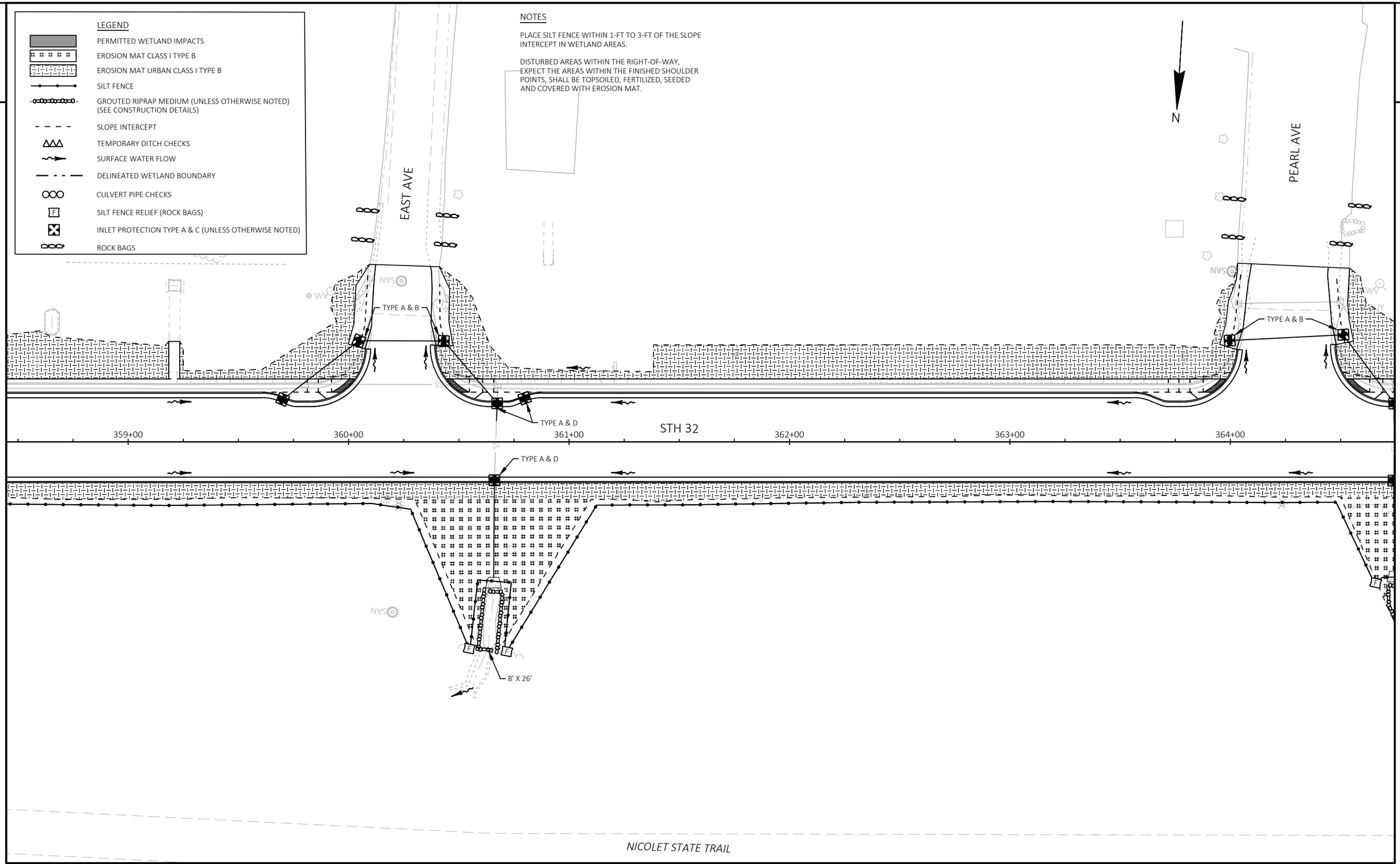
LEGEND

- PERMITTED WETLAND IMPACTS
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- GROUTED RIPRAP MEDIUM (UNLESS OTHERWISE NOTED) (SEE CONSTRUCTION DETAILS)
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- SILT FENCE RELIEF (ROCK BAGS)
- INLET PROTECTION TYPE A & C (UNLESS OTHERWISE NOTED)
- ROCK BAGS

NOTES

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

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXPECT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED, SEEDED AND COVERED WITH EROSION MAT.



2

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	EROSION CONTROL	SHEET 65	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 06

PLOT DATE : 10/19/2023 8:49 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- PERMITTED WETLAND IMPACTS
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- GROUTED RIPRAP MEDIUM (UNLESS OTHERWISE NOTED) (SEE CONSTRUCTION DETAILS)
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- SILT FENCE RELIEF (ROCK BAGS)
- INLET PROTECTION TYPE A & C (UNLESS OTHERWISE NOTED)
- ROCK BAGS

NOTES

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

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXPECT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED, SEEDED AND COVERED WITH EROSION MAT.

N

365+00 366+00 367+00 STH 32 368+00 369+00 370+00

6' X 21'

RIPRAP MEDIUM
6' X 10'

NICOLET STATE TRAIL

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	EROSION CONTROL	SHEET 66	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 07

PLOT DATE : 10/19/2023 8:49 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

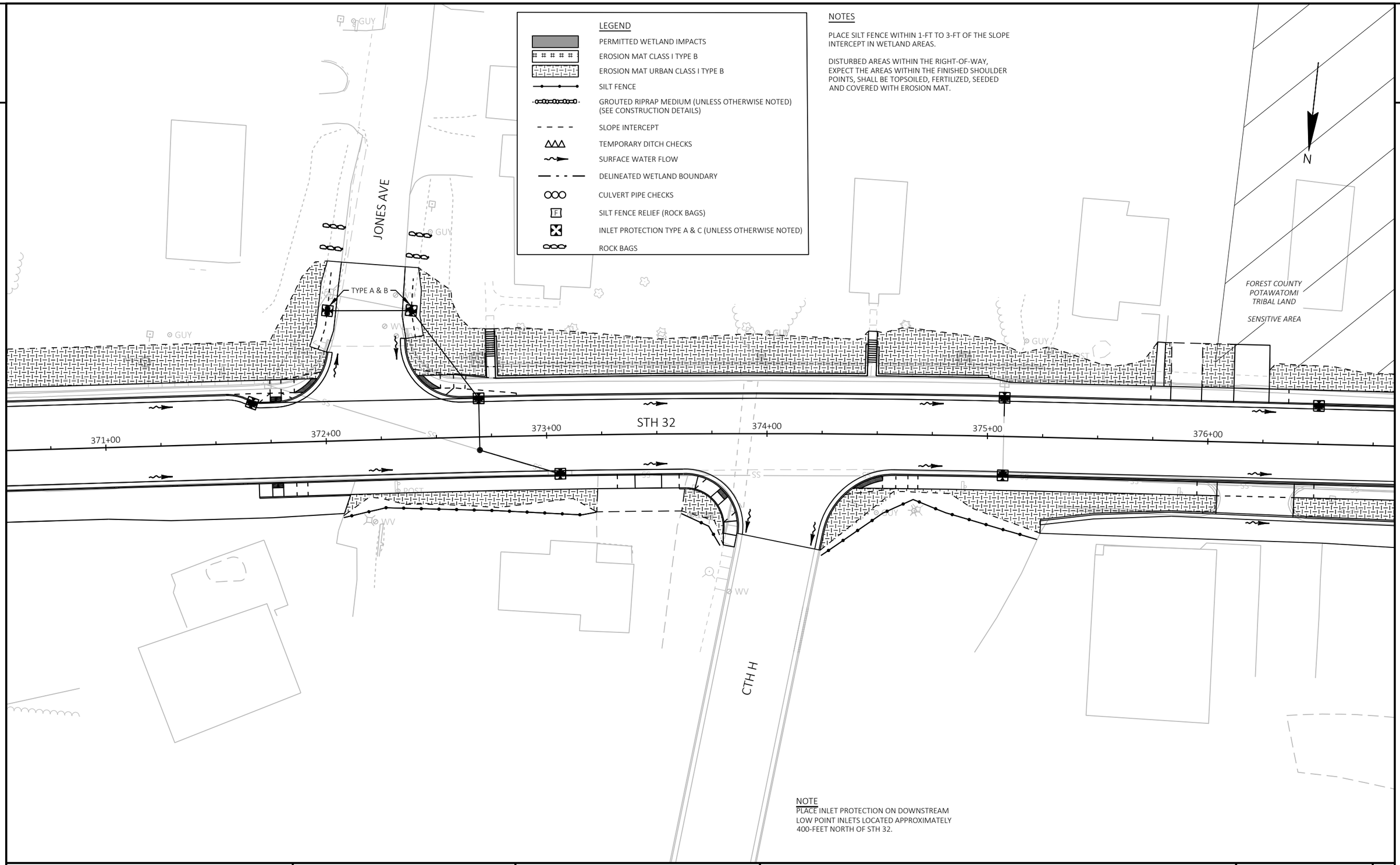
LEGEND

- PERMITTED WETLAND IMPACTS
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- GROUTED RIPRAP MEDIUM (UNLESS OTHERWISE NOTED) (SEE CONSTRUCTION DETAILS)
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- SILT FENCE RELIEF (ROCK BAGS)
- INLET PROTECTION TYPE A & C (UNLESS OTHERWISE NOTED)
- ROCK BAGS

NOTES

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

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXPECT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED, SEEDED AND COVERED WITH EROSION MAT.



NOTE

PLACE INLET PROTECTION ON DOWNSTREAM LOW POINT INLETS LOCATED APPROXIMATELY 400-FEET NORTH OF STH 32.

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	EROSION CONTROL	SHEET 67	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 08

PLOT DATE : 10/19/2023 8:49 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- PERMITTED WETLAND IMPACTS
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- GROUTED RIPRAP MEDIUM (UNLESS OTHERWISE NOTED) (SEE CONSTRUCTION DETAILS)
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
- SILT FENCE RELIEF (ROCK BAGS)
- INLET PROTECTION TYPE A & C (UNLESS OTHERWISE NOTED)
- ROCK BAGS

NOTES

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N

CRANDON AVE

FOREST COUNTY POTAWATOMI TRIBAL LAND

SENSITIVE AREA

RANGE LINE CREEK

TYPE A & B

GUY

SIGN

STH 32

377+00 378+00 379+00 380+00 381+00 382+00

TYPE A & D

TYPE A & D

RIPRAP MEDIUM 15' X 8'

RIPRAP MEDIUM 22' X 8'

RIPRAP MEDIUM 4' X 5' (BACKFILL STORM SEWER PIPE REMOVAL AREA; SEE CONSTRUCTION DETAILS)

RIPRAP MEDIUM 15' X 8'

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	EROSION CONTROL	SHEET 68	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 09

PLOT DATE : 10/23/2023 10:44 AM PLOT BY : SCOTT KAISER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

LEGEND

- PERMITTED WETLAND IMPACTS
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- GROUTED RIPRAP MEDIUM (UNLESS OTHERWISE NOTED) (SEE CONSTRUCTION DETAILS)
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
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- ROCK BAGS

NOTES

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N

RIVER ST (WEST)

STH 32

383+00 384+00 385+00 386+00 387+00 388+00

FAIRVIEW AVE

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	EROSION CONTROL	SHEET 69	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 10

PLOT DATE : 10/19/2023 8:49 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- PERMITTED WETLAND IMPACTS
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- GROUTED RIPRAP MEDIUM (UNLESS OTHERWISE NOTED) (SEE CONSTRUCTION DETAILS)
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
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- SILT FENCE RELIEF (ROCK BAGS)
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NOTES

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DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXPECT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED, SEEDED AND COVERED WITH EROSION MAT.

NOTE

PLACE INLET PROTECTION ON DOWNSTREAM LOW POINT INLETS LOCATED APPROXIMATELY 100-FEET SOUTH OF STH 32.

N

CECIL AVE

OCONTO AVE

STH 32

389+00 390+00 391+00 392+00 393+00 394+00

2

LEGEND

- PERMITTED WETLAND IMPACTS
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- GROUTED RIPRAP MEDIUM (UNLESS OTHERWISE NOTED) (SEE CONSTRUCTION DETAILS)
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
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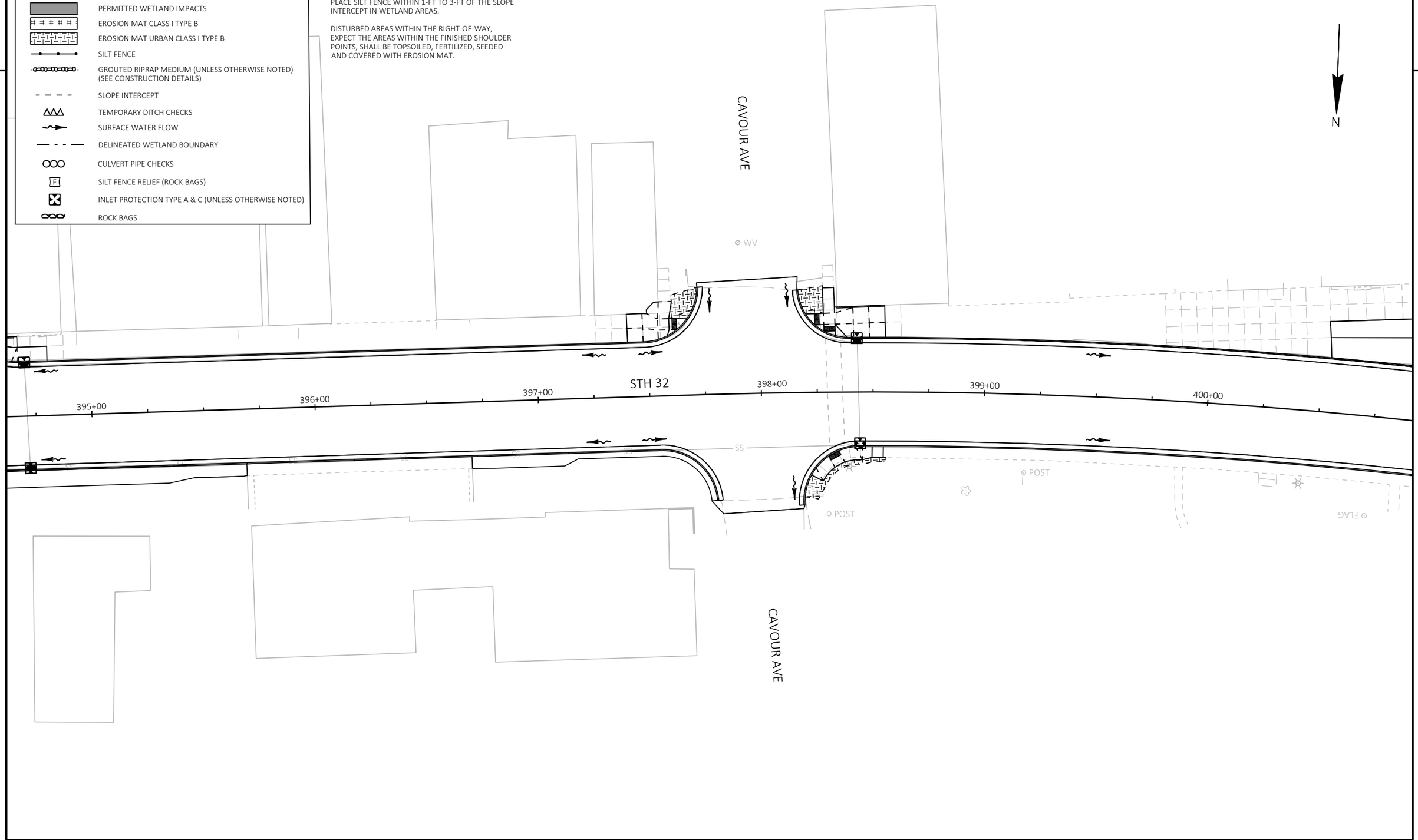

2

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	EROSION CONTROL	SHEET 71	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 12

PLOT DATE : 10/19/2023 8:49 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

LEGEND

- PERMITTED WETLAND IMPACTS
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- GROUTED RIPRAP MEDIUM (UNLESS OTHERWISE NOTED) (SEE CONSTRUCTION DETAILS)
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECKS
- SURFACE WATER FLOW
- DELINEATED WETLAND BOUNDARY
- CULVERT PIPE CHECKS
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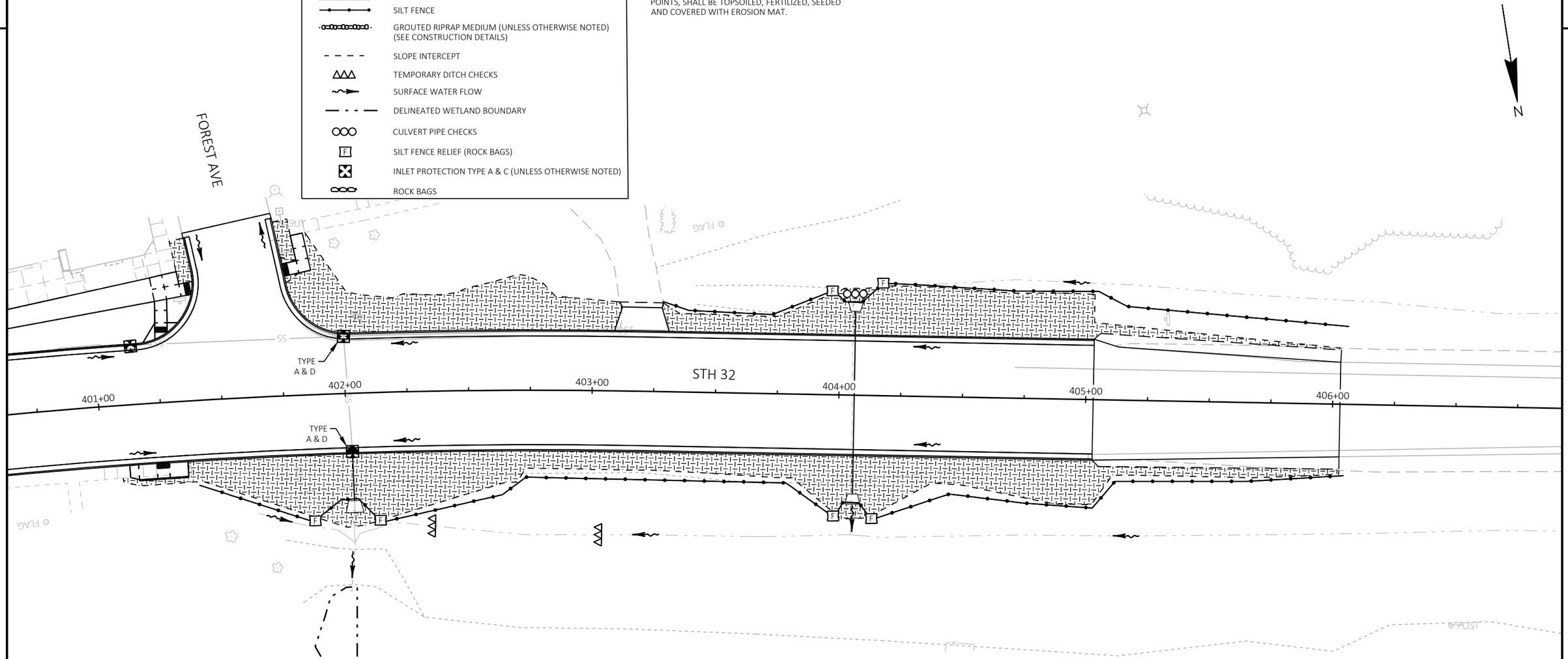
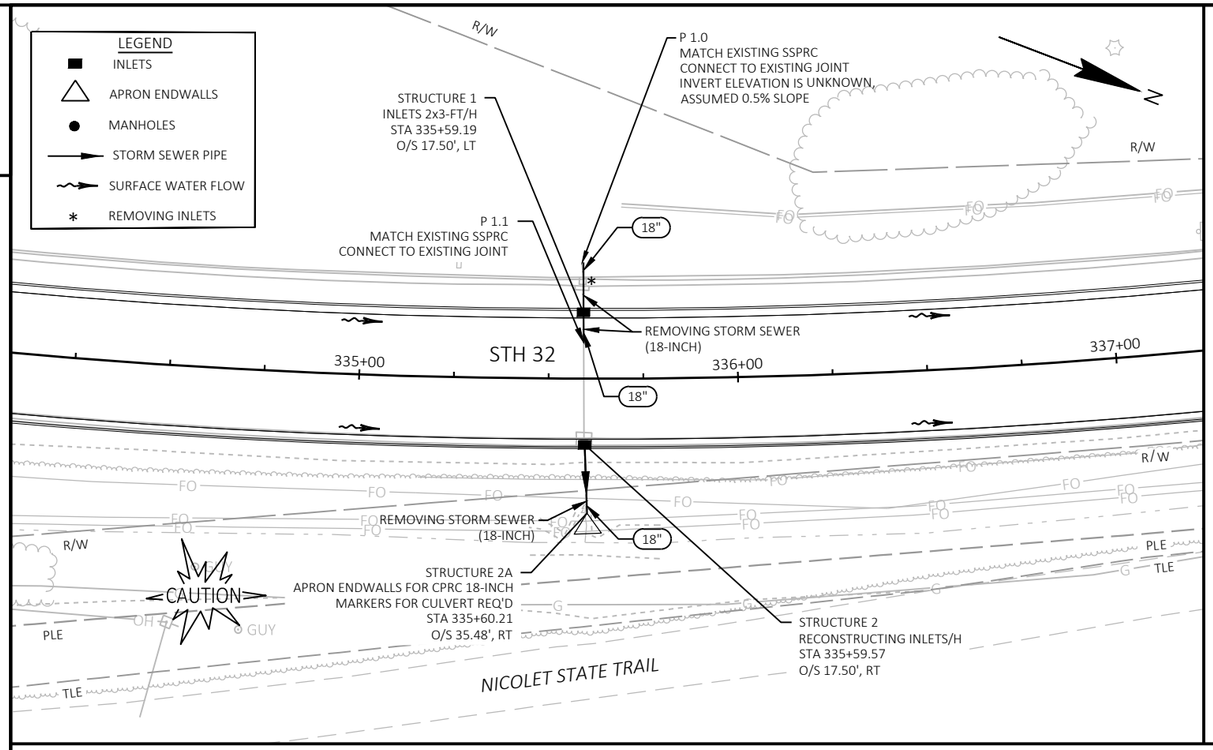
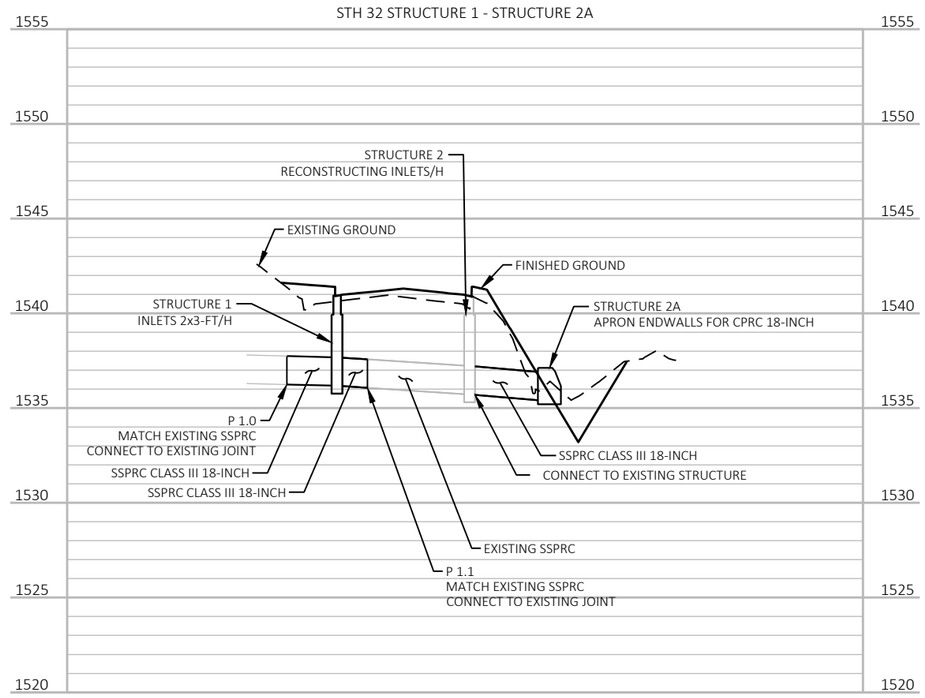


PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	EROSION CONTROL	SHEET 72	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 13

PLOT DATE : 10/19/2023 8:49 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

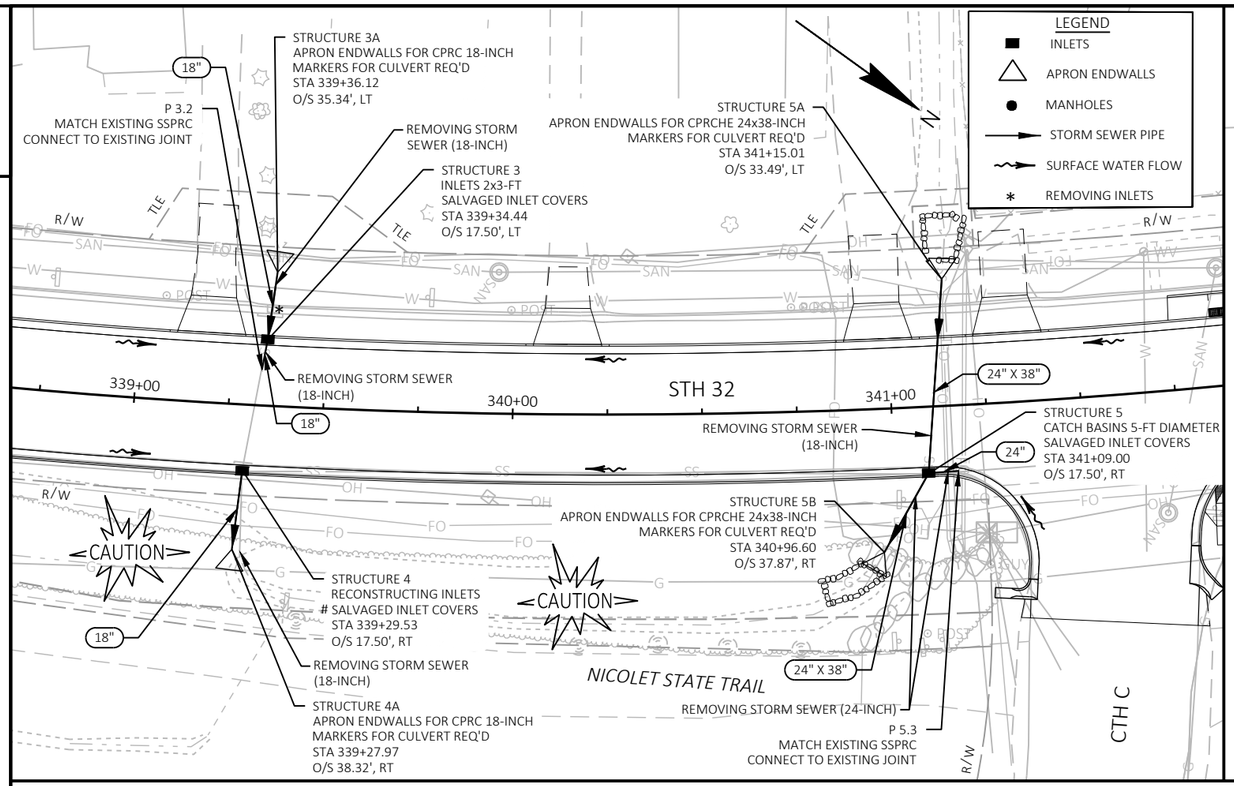


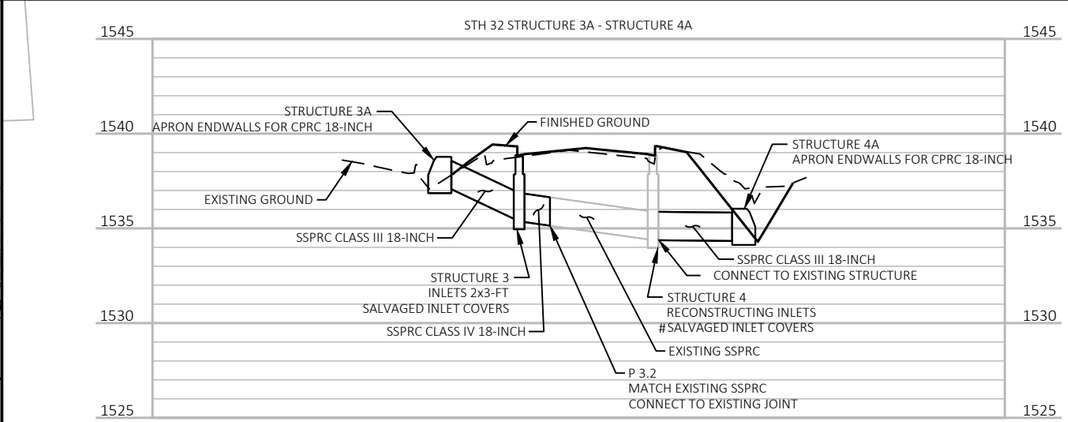


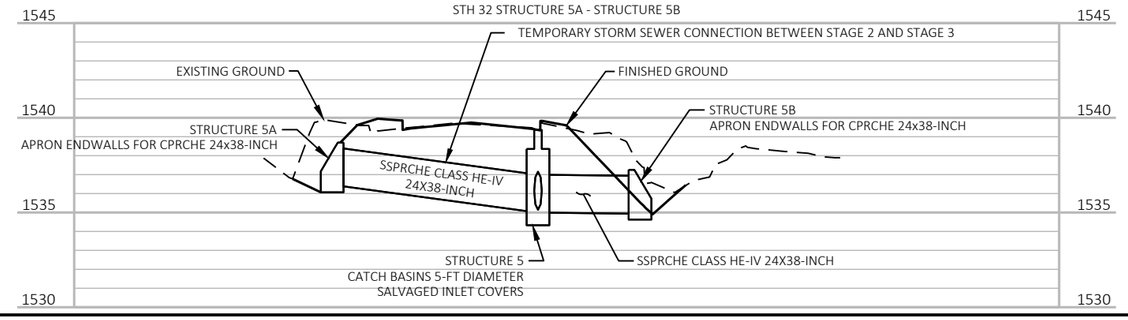
STORM SEWER SCHEDULE

STRUCTOR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCT OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE CLASS	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	REMARKS
1.0	--	--	13.0	1	--	--	--	--	III	18	1536.24	1536.18	12.0	0.48	CONNECT TO EXISTING JOINT AT P 1.0
1	335+59.19	17.50' LT	8.0	1.1	INLETS 2x3-FT / H	1540.99	1539.99	3.81	III	18	1536.18	1536.07	7.0	1.54	CONNECT TO EXISTING JOINT AT P 1.1
2	335+59.57	17.50' RT	18.0	2A	EXISTING / H	1540.99	1539.99	4.27	III	18	1535.72	1535.41	17.0	1.80	EXISTING INLET, RECONSTRUCTING INLETS
2A	335+60.21	35.48' RT	--	--	--	--	--	--	--	18	1535.41	--	--	--	(7) APRON ENDWALLREQ'D

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
(2) RIM ELEVATION SHOWN AT CURB FLANGE FOR TYPE H COVERS. SEE CONCRETE CURB AND GUTTER AT INLETS DETAIL FOR ADDITIONAL INFORMATION. RIM ELEVATION SHOWN AT CENTER OF STRUCTURE FOR TYPE C, J, AND MS-A COVERS.
(3) TOP OF STRUCTURE ELEVATION (T.O.S.) IS DETERMINED BY SUBTRACTING THE CASTING HEIGHT AND 6-INCHES FOR ADJUSTMENT, FROM THE RIM ELEVATION. TYPE H INLET CASTING IS 6-INCHES IN HEIGHT. TYPE C INLET CASTING IS 9-INCHES IN HEIGHT. TYPE J INLET CASTING IS 9-INCHES IN HEIGHT. FOR MEDIAN 1 GRATE AND MEDIAN 2 GRATE INLETS, THE T.O.S. ELEVATION IS EQUAL TO THE RIM/GRATE ELEVATION
(4) DEPTH OF STRUCTURE IS MEASURED BY SUBTRACTING INVERT ELEVATION FROM T.O.S.
(5) PIPE LENGTH IS MEASURED FROM INSIDE WALL OF STRUCTURE TO INSIDE WALL OF STRUCTURE OR INSIDE WALL OF STRUCTURE TO THE EXISTING PIPE CONNECTION. PAYMENT IS C-C PER STANDARD SPEC.
(6) PIPE SLOPE IS CALCULATED USING ((INLET ELEVATION - DISCHARGE ELEVATION) / PIPE LENGTH)*100
(7) STATION AT ENDWALL IS TO THE BEGINING OF ENDWALL/END OF NORMAL PIPE







STORM SEWER SCHEDULE

STRUCTURE OR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCTURE OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE						REMARKS
									CLASS	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	
3A	339+36.12	35.34' LT	18.0	3	--	--	--	--	III	18	1537.07	1535.37	17.0	10.00	(7) APRON ENDWALL REQ'D
3	339+34.44	17.50' LT	8.0	3.2	INLETS 2x3-FT / SALVAGED INLET COVERS	1538.92	1537.92	2.55	IV	18	1535.37	1535.14	7.0	3.29	CONNECT TO EXISTING JOINT AT P 3.2
4	339+29.53	17.50' RT	20.9	4A	EXISTING / SALVAGED INLET COVERS #	1538.92	1537.92	3.54	III	18	1534.38	1534.34	19.9	0.23	EXISTING INLET, RECONSTRUCTING INLETS REQ'D
4A	339+27.97	38.32' RT	--	--	--	--	--	--	--	18	1534.34	--	--	--	(7) APRON ENDWALL REQ'D
5A	341+15.01	33.49' LT	51.3	5	--	--	--	--	IV	24X38	1536.38	1534.99	48.8	2.85%	TEMPORARY STORM SEWER CONNECTION REQ'D, (7) APRON ENDWALL REQ'D
5	341+09.00	17.50' RT	24.0	5B	CATCH BASINS 5-FT DIAMETER / SALVAGED INLET COVERS	1539.43	1538.43	3.44	IV	24X38	1534.99	1534.94	21.5	0.24%	NO SUMP REQ'D
5B	340+96.60	37.87' RT	--	--	--	--	--	--	--	24X38	1534.94	--	--	--	(7) APRON ENDWALL REQ'D
5.3	--	--	8.0	5.0	--	--	--	--	IV	24	1535.19	1535.15	5.5	0.73%	CONNECT TO EXISTING JOINT AT P 5.3

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
(2) RIM ELEVATION SHOWN AT CURB FLANGE FOR TYPE H COVERS. SEE CONCRETE CURB AND GUTTER AT INLETS DETAIL FOR ADDITIONAL INFORMATION. RIM ELEVATION SHOWN AT CENTER OF STRUCTURE FOR TYPE C, J, AND MS-A COVERS.
(3) TOP OF STRUCTURE ELEVATION (T.O.S.) IS DETERMINED BY SUBTRACTING THE CASTING HEIGHT AND 6-INCHES FOR ADJUSTMENT, FROM THE RIM ELEVATION. TYPE H INLET CASTING IS 6-INCHES IN HEIGHT. TYPE C INLET CASTING IS 9-INCHES IN HEIGHT. TYPE J INLET CASTING IS 9-INCHES IN HEIGHT. FOR MEDIAN 1 GRATE AND MEDIAN 2 GRATE INLETS, THE T.O.S. ELEVATION IS EQUAL TO THE RIM/GRATE ELEVATION
(4) DEPTH OF STRUCTURE IS MEASURED BY SUBTRACTING INVERT ELEVATION FROM T.O.S.
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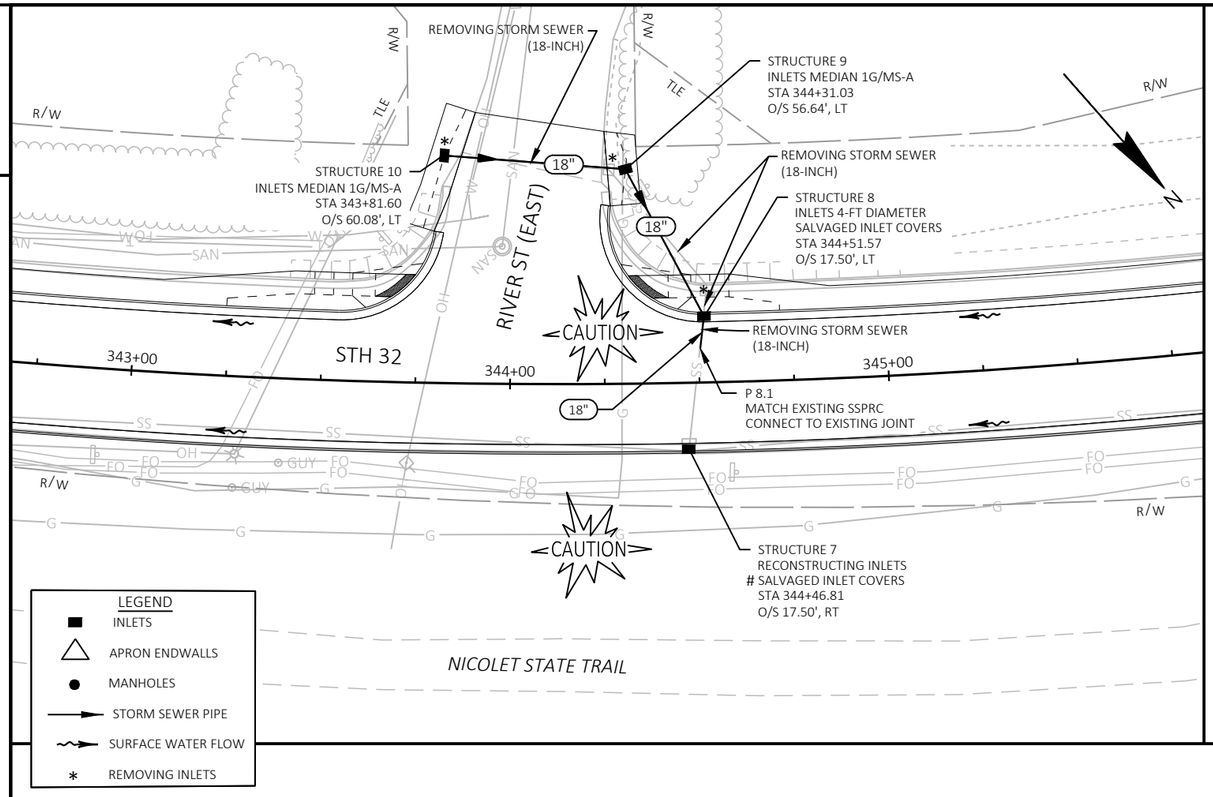
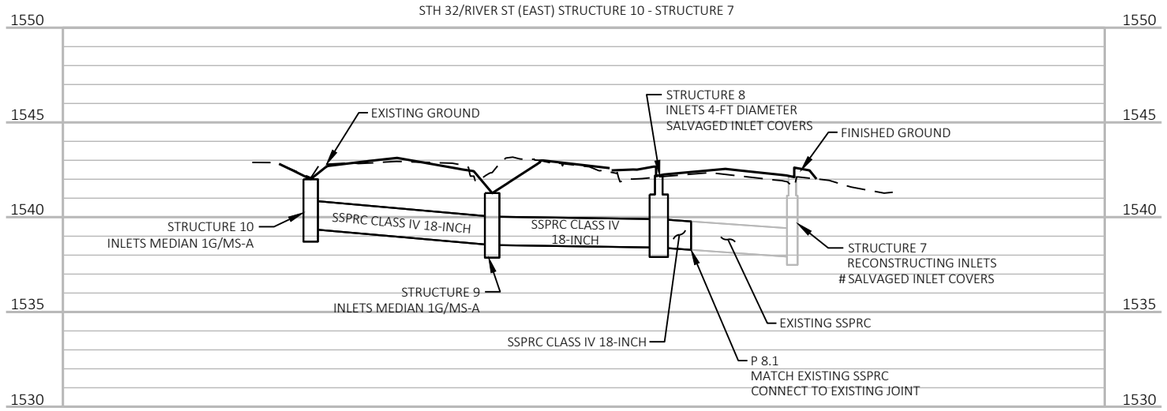
(6) PIPE SLOPE IS CALCULATED USING ((INLET ELEVATION - DISCHARGE ELEVATION) / PIPE LENGTH)*100
(7) STATION AT ENDWALL IS TO THE BEGINING OF ENDWALL/END OF NORMAL PIPE
SALVAGED INLET COVERS ARE INCIDENTAL TO THE RECONSTRUCTING INLETS ITEM

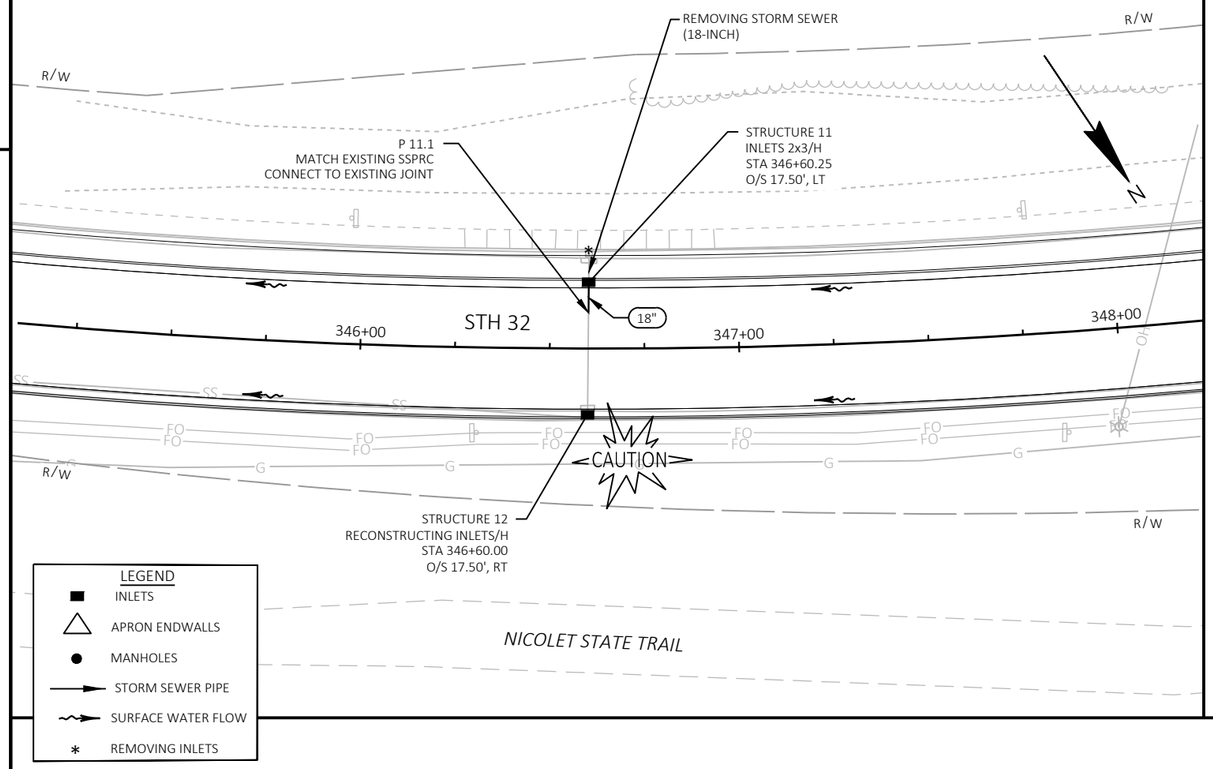


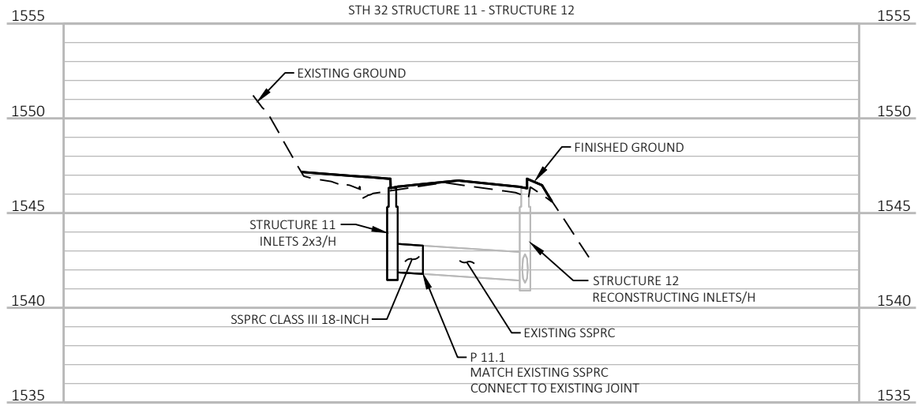


STORM SEWER SCHEDULE

STRUCTOR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCT OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE CLASS	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	REMARKS
10	343+81.60	60.08' LT	47.9	9	INLETS MEDIAN 1 GRATE / MS-A	1542.00	1542.00	2.63	IV	18	1539.37	1538.94	45.0	0.96	MS-A COVER, NO SLOPE
9	344+31.03	56.64' LT	44.0	8	INLETS MEDIAN 1 GRATE / MS-A	1541.27	1541.27	2.41	IV	18	1538.86	1538.40	40.6	1.13	MS-A COVER, NO SLOPE
8	344+51.57	17.50' LT	8.0	8.1	INLETS 4-FT DIAMETER / SALVAGED INLET COVERS	1542.25	1541.25	2.86	IV	18	1538.40	1538.28	6.0	1.92	CONNECT TO EXISTING JOINT AT P 8.1
7	344+46.81	17.50' RT	--	--	EXISTING / SALVAGED INLET COVERS #	1542.24	--	--	--	--	--	--	--	--	EXISTING INLET, RECONSTRUCTING INLETS REQ'D

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
(2) RIM ELEVATION SHOWN AT CURB FLANGE FOR TYPE H COVERS. SEE CONCRETE CURB AND GUTTER AT INLETS DETAIL FOR ADDITIONAL INFORMATION. RIM ELEVATION SHOWN AT CENTER OF STRUCTURE FOR TYPE C, J, AND MS-A COVERS.
(3) TOP OF STRUCTURE ELEVATION (T.O.S.) IS DETERMINED BY SUBTRACTING THE CASTING HEIGHT AND 6-INCHES FOR ADJUSTMENT, FROM THE RIM ELEVATION. TYPE H INLET CASTING IS 6-INCHES IN HEIGHT. TYPE C INLET CASTING IS 9-INCHES IN HEIGHT. TYPE J INLET CASTING IS 9-INCHES IN HEIGHT. FOR MEDIAN 1 GRATE AND MEDIAN 2 GRATE INLETS, THE T.O.S. ELEVATION IS EQUAL TO THE RIM/GRATE ELEVATION
(4) DEPTH OF STRUCTURE IS MEASURED BY SUBTRACTING INVERT ELEVATION FROM T.O.S.
(5) PIPE LENGTH IS MEASURED FROM INSIDE WALL OF STRUCTURE TO INSIDE WALL OF STRUCTURE OR INSIDE WALL OF STRUCTURE TO THE EXISTING PIPE CONNECTION. PAYMENT IS C-C PER STANDARD SPEC.
(6) PIPE SLOPE IS CALCULATED USING ((INLET ELEVATION - DISCHARGE ELEVATION) / PIPE LENGTH)*100
(7) STATION AT ENDWALL IS TO THE BEGINING OF ENDWALL/END OF NORMAL PIPE
SALVAGED INLET COVERS ARE INCIDENTAL TO THE RECONSTRUCTING INLETS ITEM

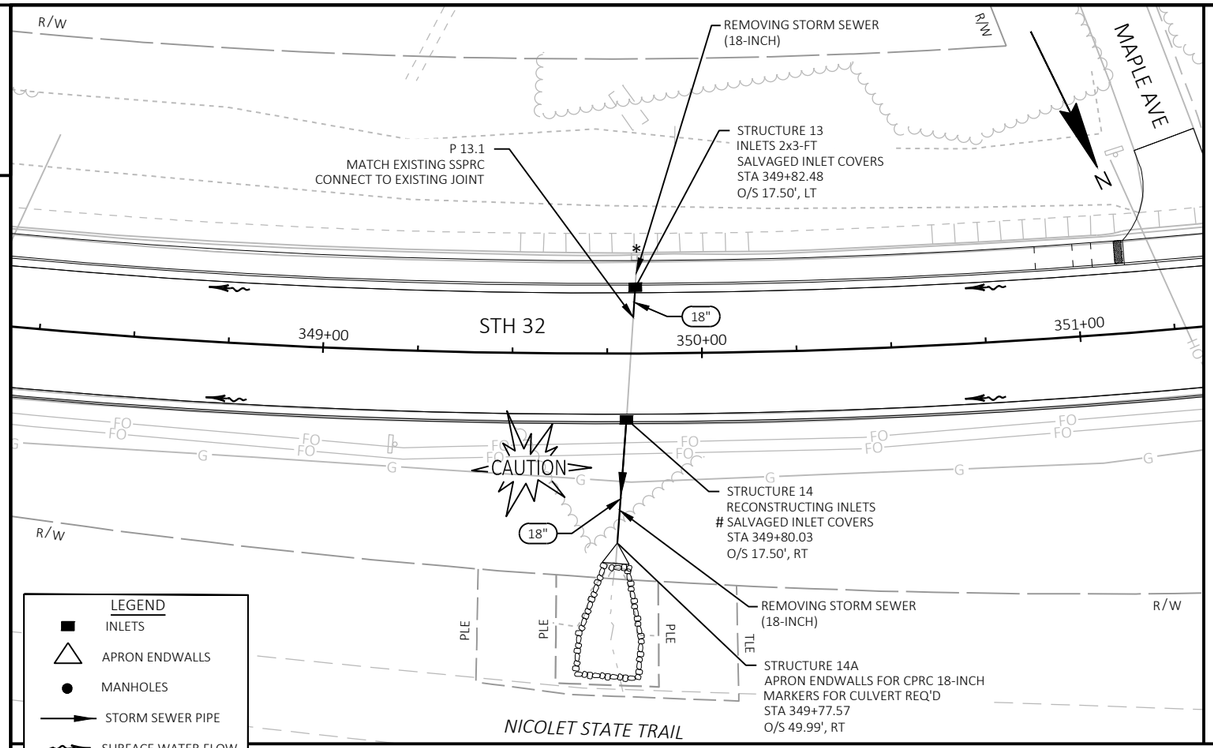


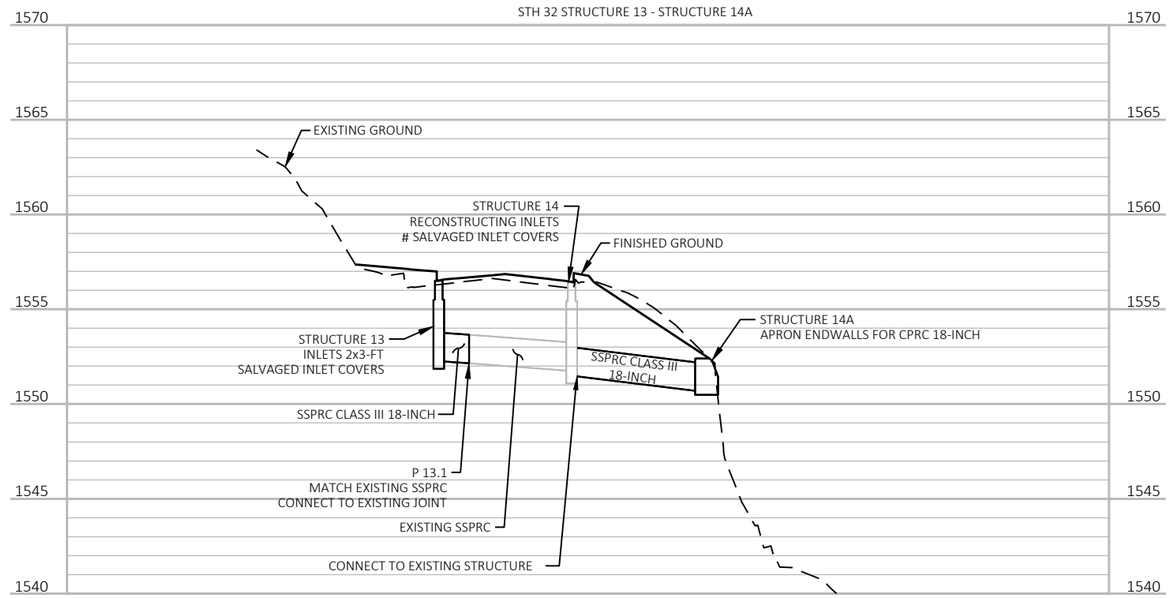


STORM SEWER SCHEDULE

STRUCTOR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCT OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE CLASS	DISCHARGE PIPE SIZE (IN)	DISCHARGE PIPE INLET ELEV.	DISCHARGE PIPE DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	REMARKS
11	346+60.25	17.50' LT	8.0	11.1	INLETS 2x3-FT / H	1546.40	1545.40	3.51	III	18	1541.89	1541.78	7.0	1.57	CONNECT TO EXISTING JOINT AT P 11.1
12	346+60.00	17.50' RT	--	--	EXISTING / H	1546.39	--	--	--	--	--	--	--	--	EXISTING INLET, RECONSTRUCTING INLETS REQ'D

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
(2) RIM ELEVATION SHOWN AT CURB FLANGE FOR TYPE H COVERS. SEE CONCRETE CURB AND GUTTER AT INLETS DETAIL FOR ADDITIONAL INFORMATION. RIM ELEVATION SHOWN AT CENTER OF STRUCTURE FOR TYPE C, J, AND MS-A COVERS.
(3) TOP OF STRUCTURE ELEVATION (T.O.S.) IS DETERMINED BY SUBTRACTING THE CASTING HEIGHT AND 6-INCHES FOR ADJUSTMENT, FROM THE RIM ELEVATION. TYPE H INLET CASTING IS 6-INCHES IN HEIGHT. TYPE C INLET CASTING IS 9-INCHES IN HEIGHT. TYPE J INLET CASTING IS 9-INCHES IN HEIGHT. FOR MEDIAN 1 GRATE AND MEDIAN 2 GRATE INLETS, THE T.O.S. ELEVATION IS EQUAL TO THE RIM/GRATE ELEVATION
(4) DEPTH OF STRUCTURE IS MEASURED BY SUBTRACTING INVERT ELEVATION FROM T.O.S.
(5) PIPE LENGTH IS MEASURED FROM INSIDE WALL OF STRUCTURE TO INSIDE WALL OF STRUCTURE OR INSIDE WALL OF STRUCTURE TO THE EXISTING PIPE CONNECTION. PAYMENT IS C-C PER STANDARD SPEC.
(6) PIPE SLOPE IS CALCULATED USING ((INLET ELEVATION - DISCHARGE ELEVATION) / PIPE LENGTH)*100
(7) STATION AT ENDWALL IS TO THE BEGINING OF ENDWALL/END OF NORMAL PIPE



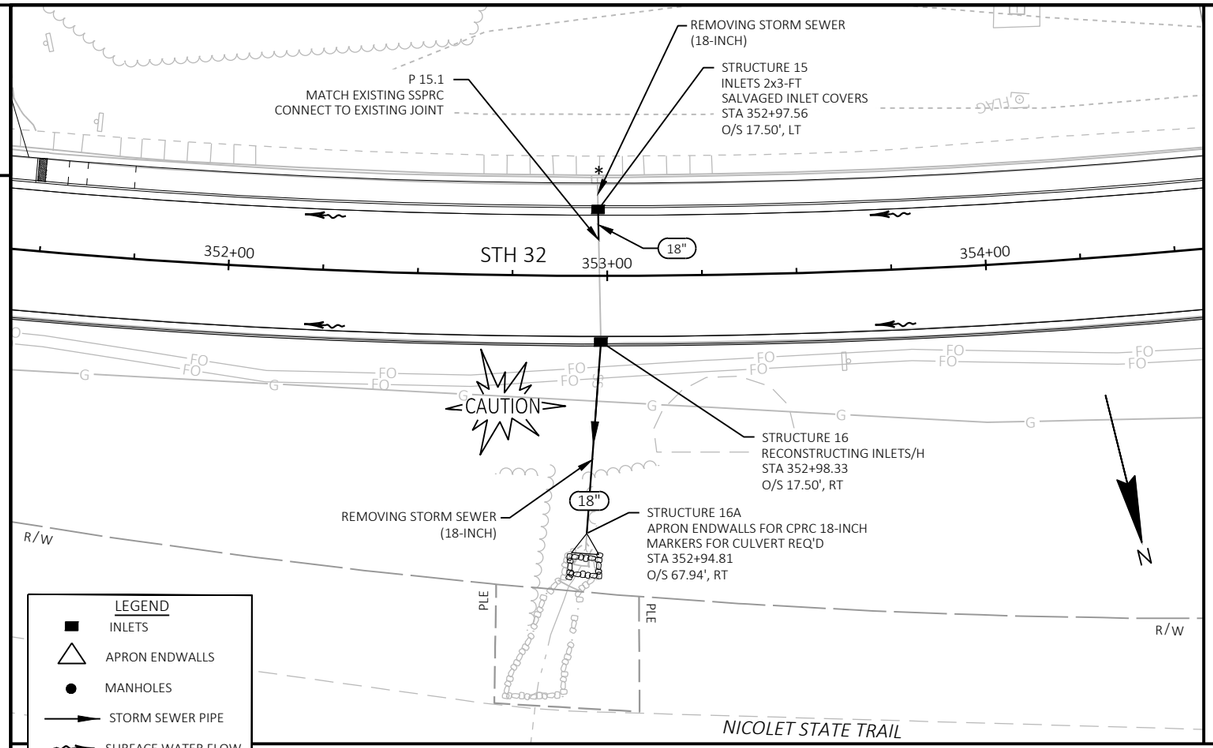


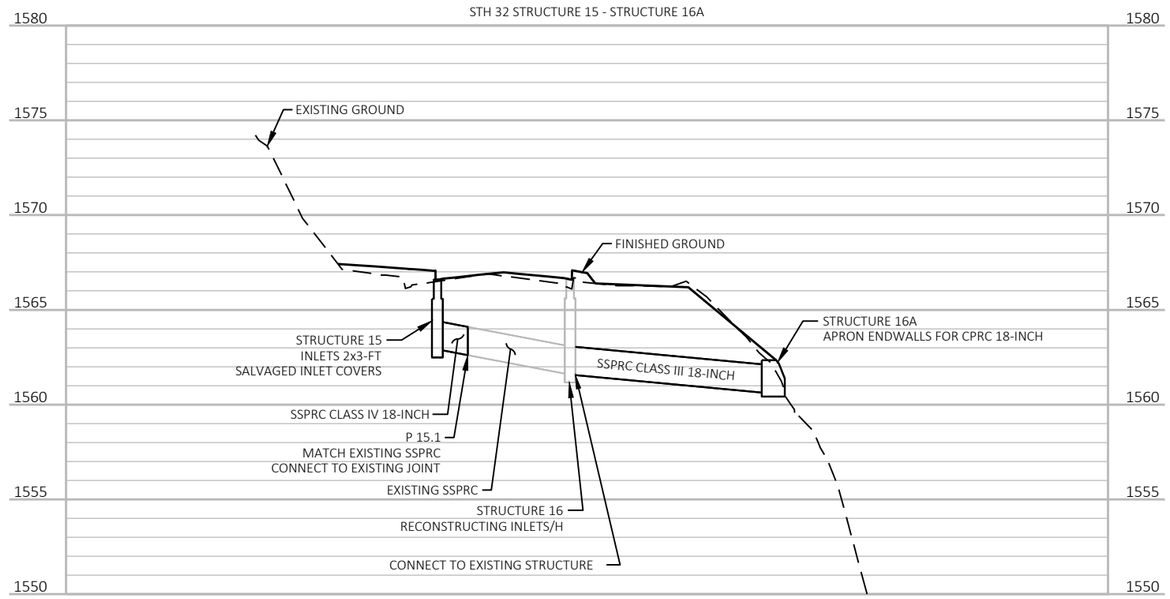
2

STORM SEWER SCHEDULE

STRUCTURE OR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCTURE OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE						REMARKS
									CLASS	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	
13	349+82.48	17.50' LT	8.0	13.1	INLETS 2x3-FT / SALVAGED INLET COVERS	1556.57	1555.57	3.30	III	18	1552.27	1552.15	7.0	1.71	CONNECT TO EXISTING JOINT AT P 13.1
14	349+80.03	17.50' RT	32.6	14A	EXISTING / SALVAGED INLET COVERS #	1556.50	--	--	III	18	1551.50	1550.70	31.6	2.53	EXISTING INLET, RECONSTRUCTING INLETS REQ'D
14A	349+77.57	49.99' RT	--	--	--	--	--	--	--	18	1550.70	--	--	--	(7) APRON ENDWALL REQ'D

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
(2) RIM ELEVATION SHOWN AT CURB FLANGE FOR TYPE H COVERS. SEE CONCRETE CURB AND GUTTER AT INLETS DETAIL FOR ADDITIONAL INFORMATION. RIM ELEVATION SHOWN AT CENTER OF STRUCTURE FOR TYPE C, J, AND MS-A COVERS.
(3) TOP OF STRUCTURE ELEVATION (T.O.S.) IS DETERMINED BY SUBTRACTING THE CASTING HEIGHT AND 6-INCHES FOR ADJUSTMENT, FROM THE RIM ELEVATION. TYPE H INLET CASTING IS 6-INCHES IN HEIGHT. TYPE C INLET CASTING IS 9-INCHES IN HEIGHT. TYPE J INLET CASTING IS 9-INCHES IN HEIGHT. FOR MEDIAN 1 GRATE AND MEDIAN 2 GRATE INLETS, THE T.O.S. ELEVATION IS EQUAL TO THE RIM/GRATE ELEVATION
(4) DEPTH OF STRUCTURE IS MEASURED BY SUBTRACTING INVERT ELEVATION FROM T.O.S.
(5) PIPE LENGTH IS MEASURED FROM INSIDE WALL OF STRUCTURE TO INSIDE WALL OF STRUCTURE OR INSIDE WALL OF STRUCTURE TO THE EXISTING PIPE CONNECTION. PAYMENT IS C-C PER STANDARD SPEC.
(6) PIPE SLOPE IS CALCULATED USING ((INLET ELEVATION - DISCHARGE ELEVATION) / PIPE LENGTH)*100
(7) STATION AT ENDWALL IS TO THE BEGINING OF ENDWALL/END OF NORMAL PIPE
SALVAGED INLET COVERS ARE INCIDENTAL TO THE RECONSTRUCTING INLETS ITEM





2

STORM SEWER SCHEDULE

STRUCT OR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCT OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE						REMARKS
									CLASS	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	
15	352+97.56	17.50' LT	8.0	15.1	INLETS 2x3 / SALVAGED INLET COVERS	1566.65	1565.65	2.74	IV	18	1562.91	1562.61	7.0	4.29	CONNECT TO EXISTING JOINT AT P 15.1
16	352+98.33	17.50' RT	50.6	16A	EXISTING / H	1566.72	--	--	III	18	1561.58	1560.63	49.6	1.92	EXISTING INLET, RECONSTRUCTING INLETS REQ'D
16A	352+94.81	67.94' RT	--	--	--	--	--	--	--	18	1560.63	--	--	--	(7) APRON ENDWALL REQ'D

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
(2) RIM ELEVATION SHOWN AT CURB FLANGE FOR TYPE H COVERS. SEE CONCRETE CURB AND GUTTER AT INLETS DETAIL FOR ADDITIONAL INFORMATION. RIM ELEVATION SHOWN AT CENTER OF STRUCTURE FOR TYPE C, J, AND MS-A COVERS.
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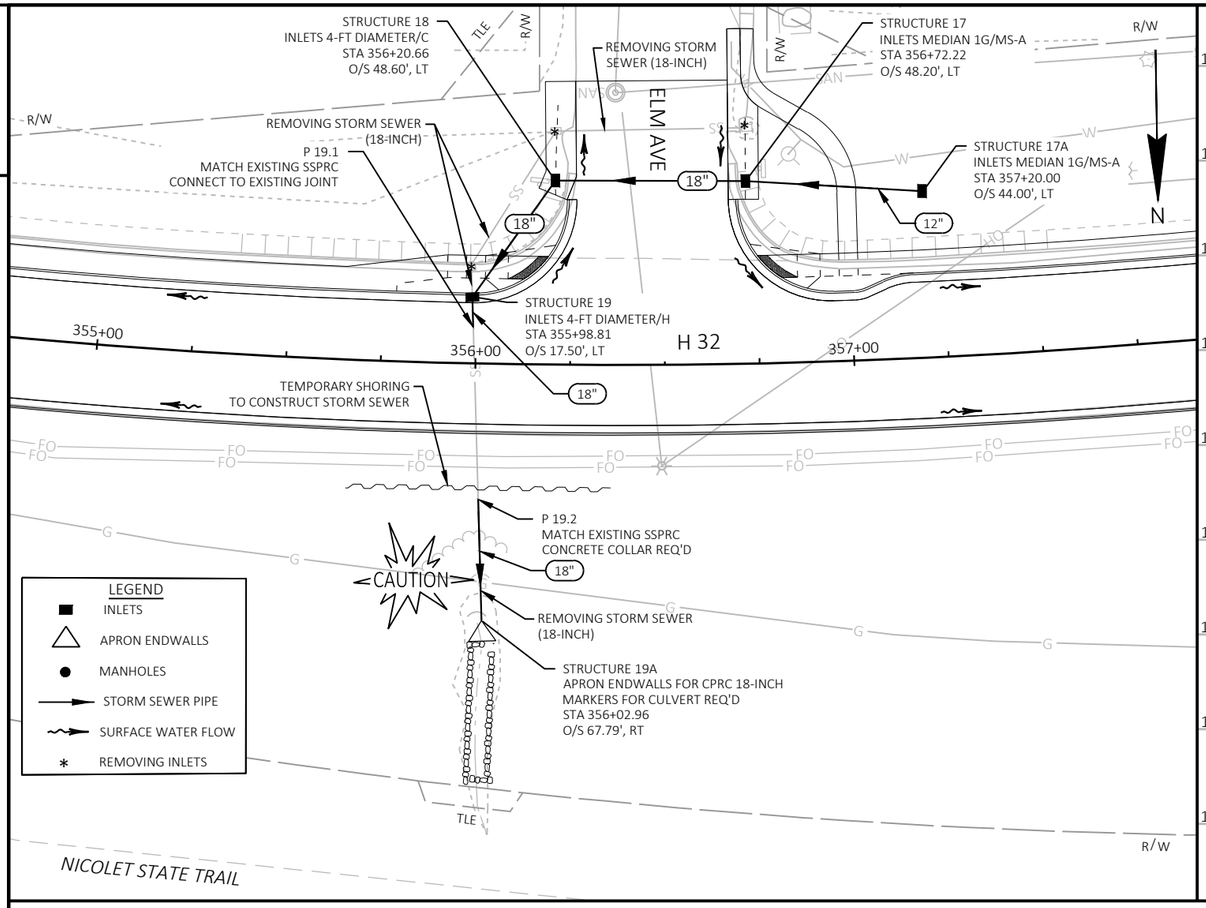
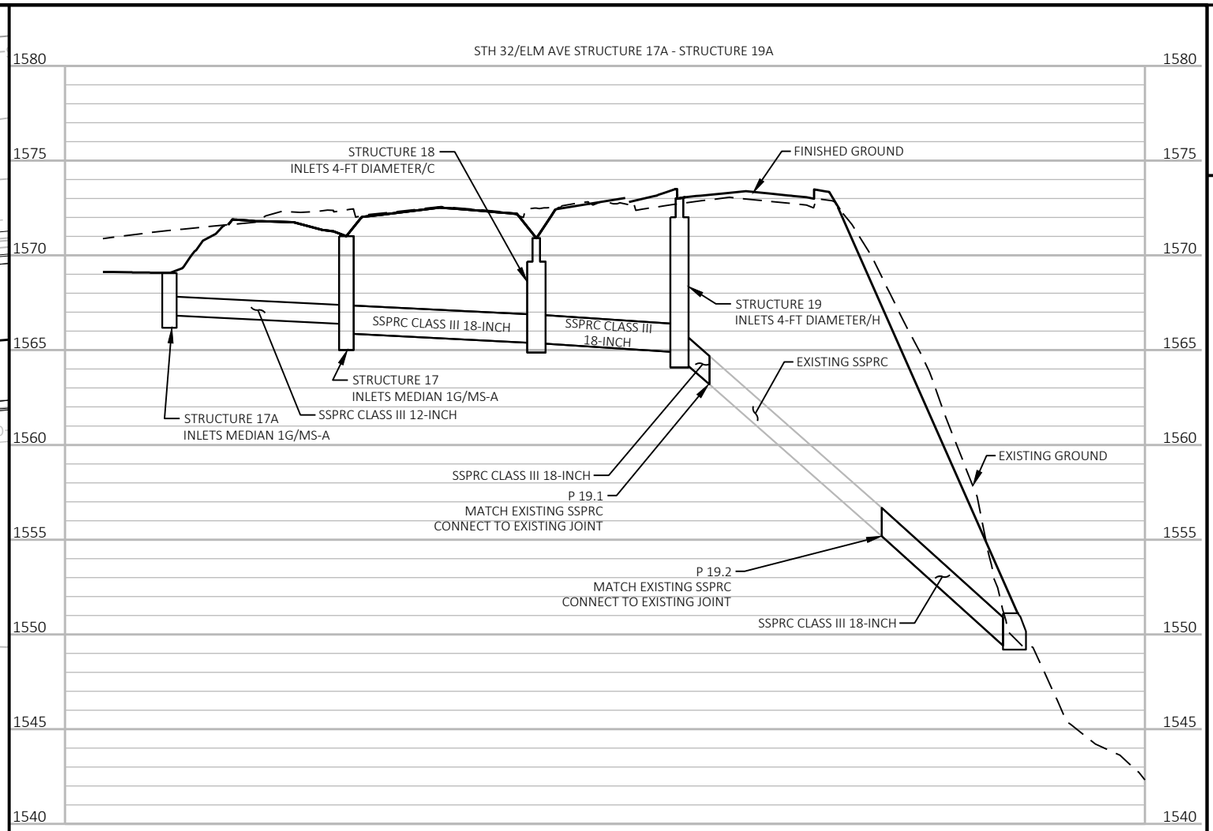
(7) STATION AT ENDWALL IS TO THE BEGINING OF ENDWALL/END OF NORMAL PIPE





STORM SEWER SCHEDULE

STRUCTOR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCT OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE CLASS	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	REMARKS
17A	357+20.00	44.00' LT	46.7	17	INLETS MEDIAN 1 GRATE / MS-A	1569.08	1569.08	2.24	III	12	1566.84	1566.37	43.8	1.07	MS-A COVER, NO SLOPE
17	356+72.22	48.20' LT	50.1	18	INLETS MEDIAN 1 GRATE / MS-A	1571.02	1571.02	5.15	III	18	1565.87	1565.37	46.7	1.07	MS-A COVER, NO SLOPE
18	356+20.66	48.60 ' LT	37.8	19	INLETS 4-FT DIAMETER / C	1570.90	1569.66	4.29	III	18	1565.37	1564.88	33.8	1.45	
19	355+98.81	17.50' LT	8.0	19.1	INLETS 4-FT DIAMETER / H	1573.08	1572.08	7.50	III	18	1564.58	1563.19	6.0	23.17	CONNECT TO EXISTING JOINT AT P 19.1
19.2	356+01.45	35.99' RT	32.5	19A	--	--	--	--	III	18	1555.18	1549.41	32.5	17.75	CONNECT TO EXISTING JOINT AT P 19.2; STA/OFF IS ESTIMATED; DO NOT TIE PIPE JOINTS
19A	356+02.96	67.79' RT	--	--	--	--	--	--	--	18	1549.41	--	--	--	(7) APRON ENDWALL REQ'D

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
(2) RIM ELEVATION SHOWN AT CURB FLANGE FOR TYPE H COVERS. SEE CONCRETE CURB AND GUTTER AT INLETS DETAIL FOR ADDITIONAL INFORMATION. RIM ELEVATION SHOWN AT CENTER OF STRUCTURE FOR TYPE C, J, AND MS-A COVERS.
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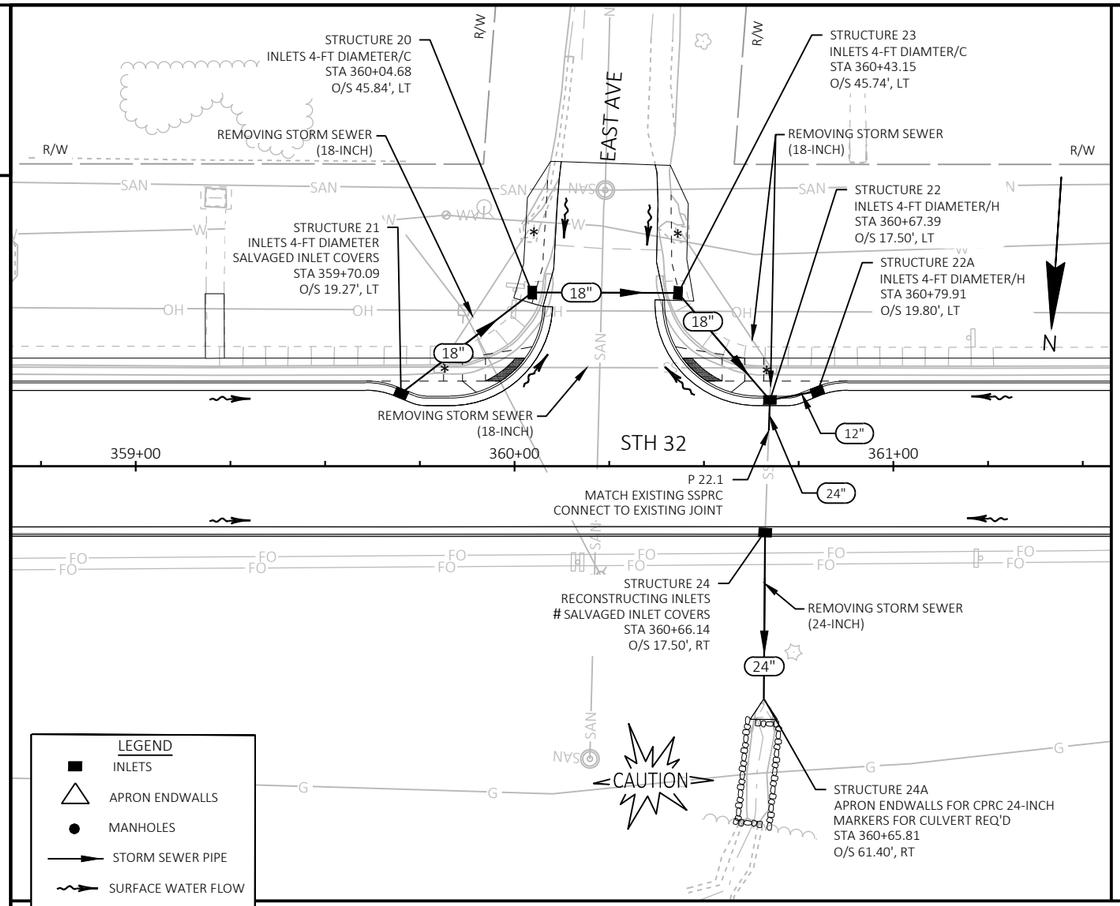
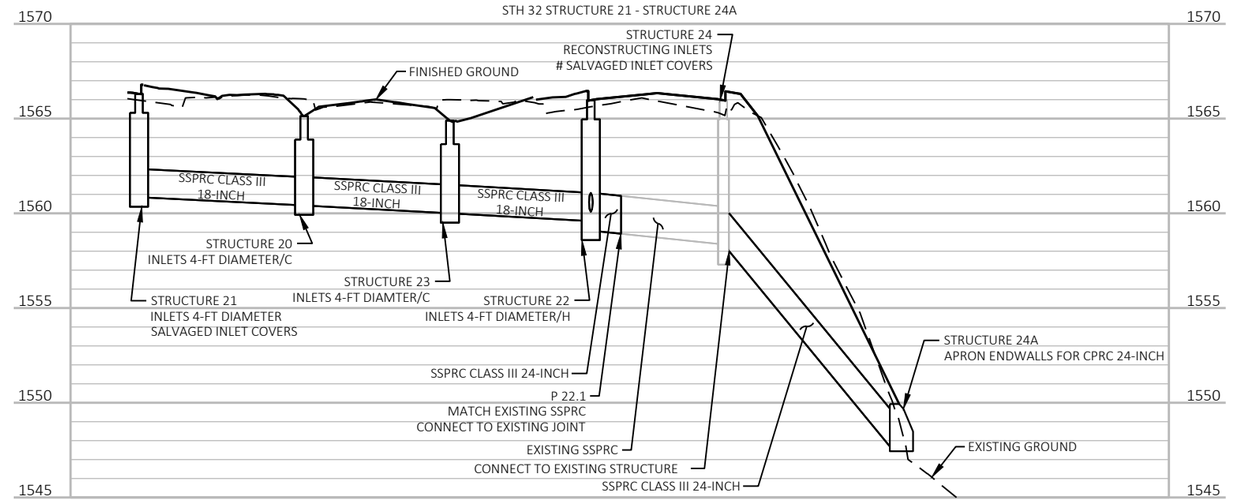
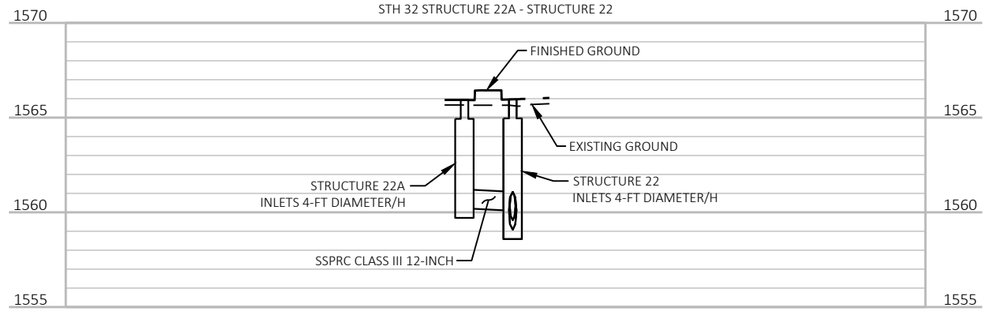
(6) PIPE SLOPE IS CALCULATED USING ((INLET ELEVATION - DISCHARGE ELEVATION) / PIPE LENGTH)*100
(7) STATION AT ENDWALL IS TO THE BEGINING OF ENDWALL/END OF NORMAL PIPE







STORM SEWER SCHEDULE

STRUCTOR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCT OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE CLASS	DISCHARGE PIPE SIZE (IN)	DISCHARGE PIPE INLET ELEV.	DISCHARGE PIPE DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	REMARKS
21	359+70.09	19.27' LT	43.6	20	INLETS 4-FT DIAMETER / SALVAGED INLET COVERS	1566.36	1565.36	4.51	III	18	1560.85	1560.41	39.6	1.10	
20	360+04.68	45.84' LT	38.5	23	INLETS 4-FT DIAMETER / C	1565.13	1563.89	3.48	III	18	1560.41	1560.00	34.5	1.19	
23	360+43.15	45.74' LT	37.2	22	INLETS 4-FT DIAMETER / C	1564.89	1563.65	3.65	III	18	1560.00	1559.58	33.2	1.27	
22	360+67.39	17.50' LT	8.0	22.1	INLETS 4-FT DIAMETER / H	1566.02	1565.02	5.94	III	24	1559.08	1558.92	6.0	2.67	CONNECT TO EXISTING JOINT AT P 22.1
22A	360+79.91	19.80' LT	12.7	22	INLETS 4-FT DIAMETER / H	1565.98	1564.98	4.77	III	12	1560.21	1560.08	8.7	1.49	EXISTING INLET, RECONSTRUCTING INLETS REQ'D
24	360+66.14	17.50' RT	44.0	24A	EXISTING / SALVAGED INLET COVERS #	1566.02	--	--	III	24	1558.36	1547.69	43.0	24.81	
24A	360+65.81	61.40' RT	--	--	--	--	--	--	--	24	1547.69	--	--	--	(7) APRON ENDWALL REQ'D

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
(2) RIM ELEVATION SHOWN AT CURB FLANGE FOR TYPE H COVERS. SEE CONCRETE CURB AND GUTTER AT INLETS DETAIL FOR ADDITIONAL INFORMATION. RIM ELEVATION SHOWN AT CENTER OF STRUCTURE FOR TYPE C, J, AND MS-A COVERS.
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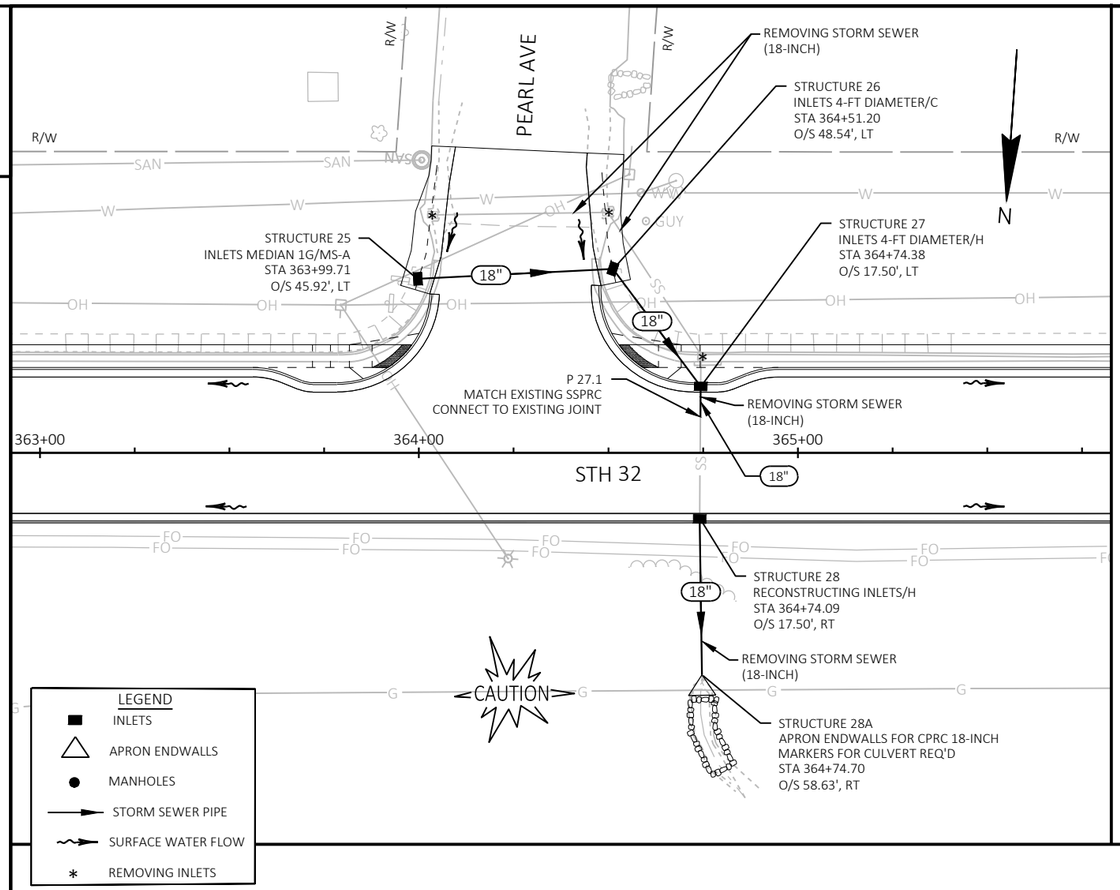
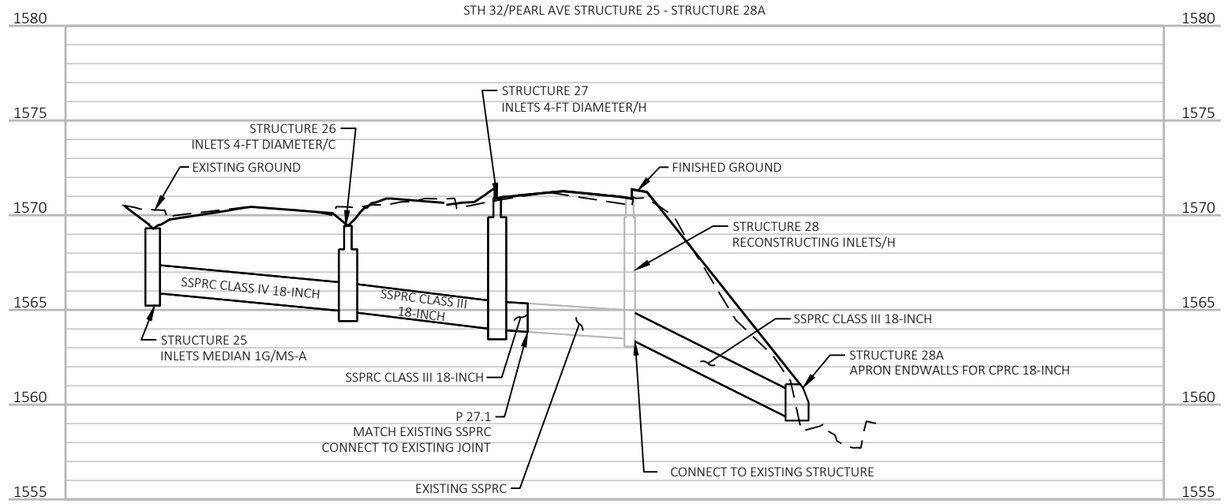
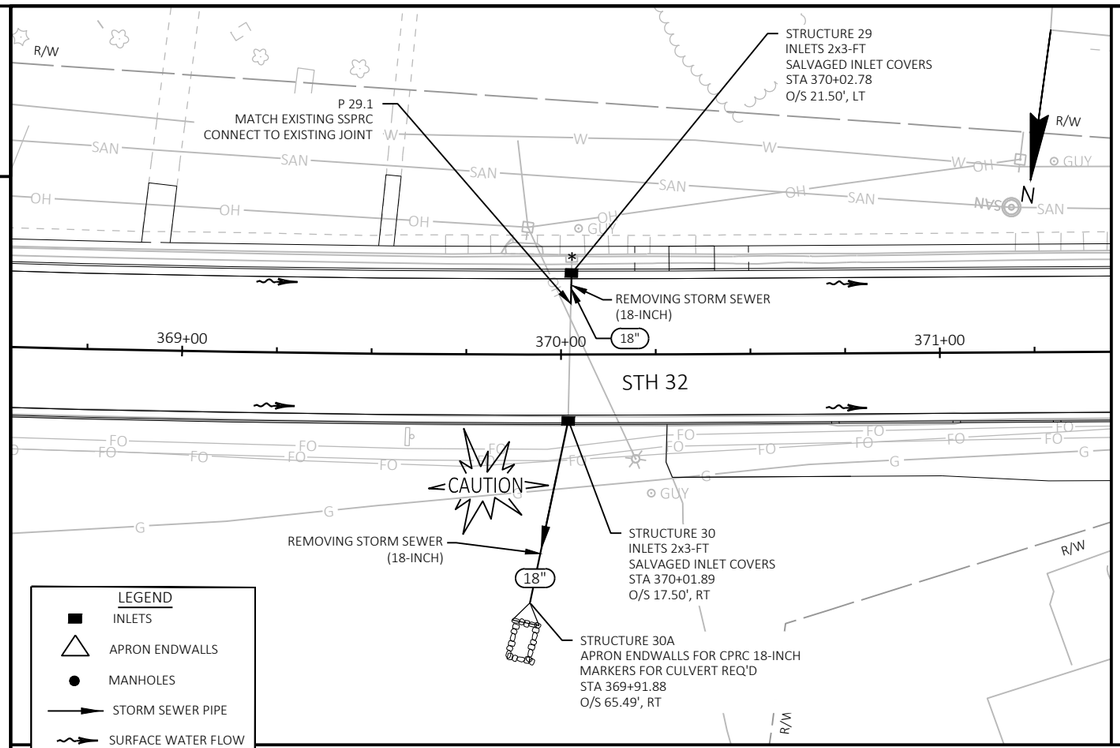


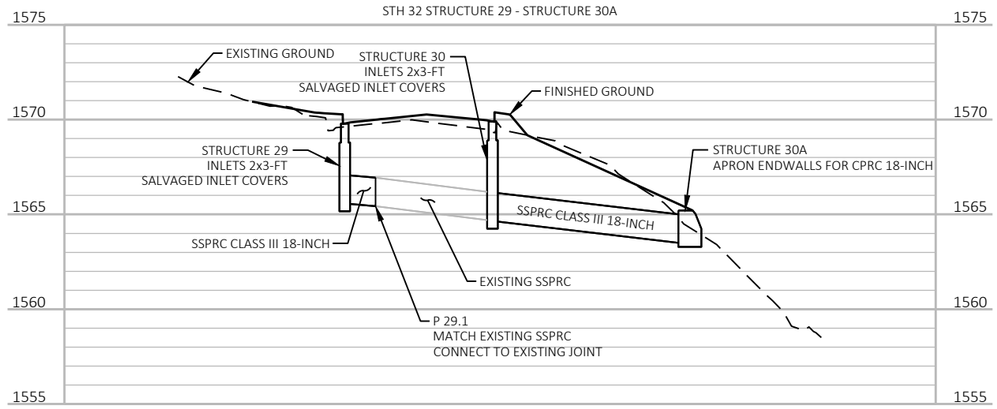


STORM SEWER SCHEDULE

STRUCTOR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCT OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE						REMARKS
									CLASS	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	
25	363+99.71	45.92' LT	51.6	26	INLETS MEDIAN 1 GRATE / MS-A	1569.28	1569.28	3.38	IV	18	1565.90	1564.92	48.2	2.03	MS-A COVER, NO SLOPE
26	364+51.20	48.54' LT	38.8	27	INLETS 4-FT DIAMETER / C	1569.44	1568.20	3.28	III	18	1564.92	1563.95	35.4	2.74	
27	364+74.38	17.50' LT	8.0	27.1	INLETS 4-FT DIAMETER / H	1570.95	1569.95	6.00	III	18	1563.95	1563.84	6.0	1.83	CONNECT TO EXISTING JOINT AT P 27.1
28	364+74.09	17.50' RT	41.3	28A	EXISTING / H	1570.95	--	--	III	18	1563.48	1559.37	40.3	10.20	EXISTING INLET, RECONSTRUCTING INLETS REQ'D
28A	364+74.70	58.63' RT	--	--	--	--	--	--	--	18	1559.37	--	--	--	(7) APRON ENDWALL REQ'D

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
(2) RIM ELEVATION SHOWN AT CURB FLANGE FOR TYPE H COVERS. SEE CONCRETE CURB AND GUTTER AT INLETS DETAIL FOR ADDITIONAL INFORMATION. RIM ELEVATION SHOWN AT CENTER OF STRUCTURE FOR TYPE C, J, AND MS-A COVERS.
(3) TOP OF STRUCTURE ELEVATION (T.O.S.) IS DETERMINED BY SUBTRACTING THE CASTING HEIGHT AND 6-INCHES FOR ADJUSTMENT, FROM THE RIM ELEVATION. TYPE H INLET CASTING IS 6-INCHES IN HEIGHT. TYPE C INLET CASTING IS 9-INCHES IN HEIGHT. TYPE J INLET CASTING IS 9-INCHES IN HEIGHT. FOR MEDIAN 1 GRATE AND MEDIAN 2 GRATE INLETS, THE T.O.S. ELEVATION IS EQUAL TO THE RIM/GRATE ELEVATION
(4) DEPTH OF STRUCTURE IS MEASURED BY SUBTRACTING INVERT ELEVATION FROM T.O.S.
(5) PIPE LENGTH IS MEASURED FROM INSIDE WALL OF STRUCTURE TO INSIDE WALL OF STRUCTURE OR INSIDE WALL OF STRUCTURE TO THE EXISTING PIPE CONNECTION. PAYMENT IS C-C PER STANDARD SPEC.
(6) PIPE SLOPE IS CALCULATED USING ((INLET ELEVATION - DISCHARGE ELEVATION) / PIPE LENGTH)*100
(7) STATION AT ENDWALL IS TO THE BEGINING OF ENDWALL/END OF NORMAL PIPE

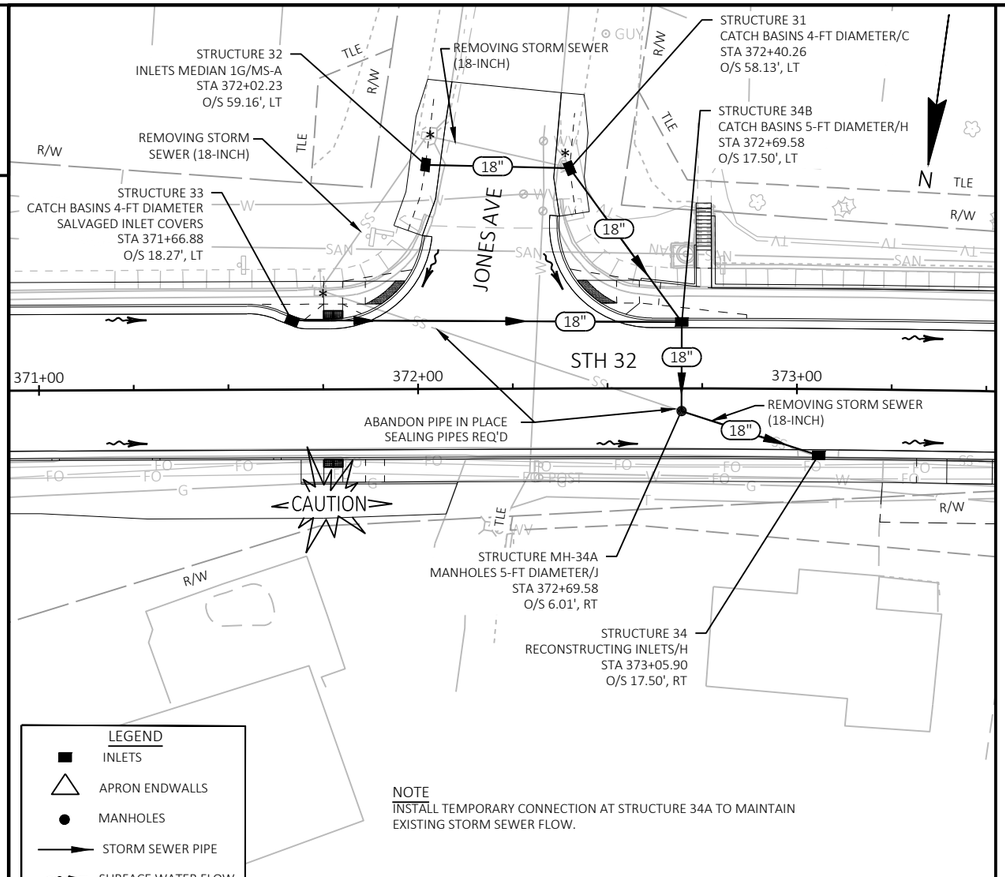




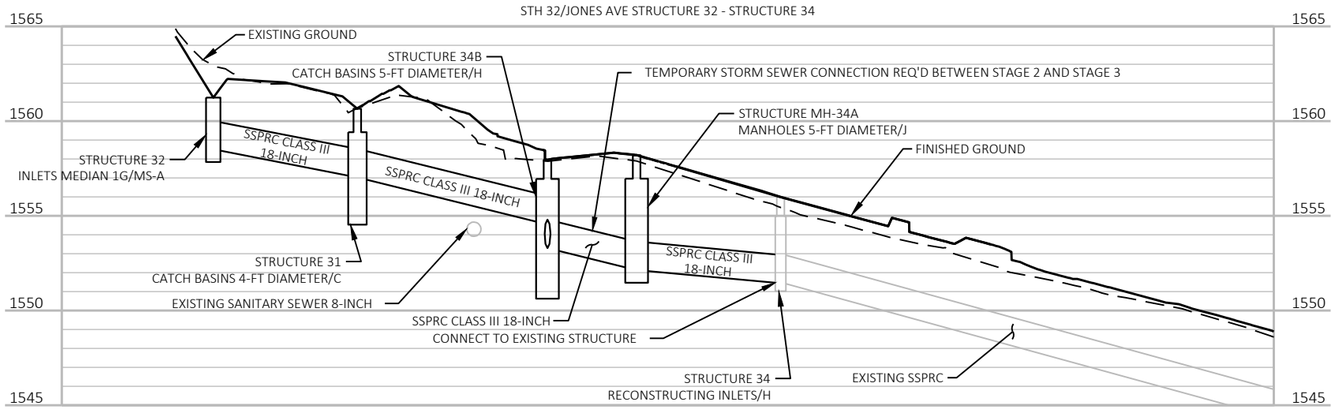
STORM SEWER SCHEDULE

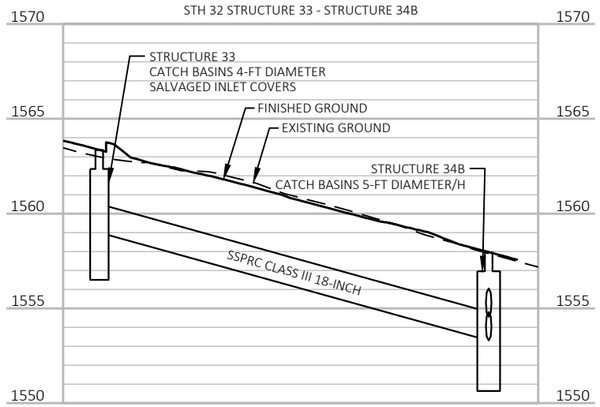
STRUCT OR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCT OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE CLASS	DISCHARGE PIPE SIZE (IN)	DISCHARGE PIPE INLET ELEV.	DISCHARGE PIPE DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	REMARKS
29	370+02.78	21.50' LT	8.0	29	INLETS 2x3-FT / SALVAGED INLET COVERS	1569.86	1568.86	3.28	III	18	1565.58	1565.44	7.0	2.00	CONNECT TO EXISTING JOINT AT P 29.1
30	370+01.89	17.50' RT	49.1	30A	INLETS 2x3-FT / SALVAGED INLET COVERS	1569.96	1568.96	4.30	III	18	1564.66	1563.50	48.1	2.41	
30A	369+91.88	65.49' RT	--	--	--	--	--	--	--	18	1563.50	--	--	--	(7) APRON ENDWALL REQ'D

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
(2) RIM ELEVATION SHOWN AT CURB FLANGE FOR TYPE H COVERS. SEE CONCRETE CURB AND GUTTER AT INLETS DETAIL FOR ADDITIONAL INFORMATION. RIM ELEVATION SHOWN AT CENTER OF STRUCTURE FOR TYPE C, J, AND MS-A COVERS.
(3) TOP OF STRUCTURE ELEVATION (T.O.S.) IS DETERMINED BY SUBTRACTING THE CASTING HEIGHT AND 6-INCHES FOR ADJUSTMENT, FROM THE RIM ELEVATION. TYPE H INLET CASTING IS 6-INCHES IN HEIGHT. TYPE C INLET CASTING IS 9-INCHES IN HEIGHT. TYPE J INLET CASTING IS 9-INCHES IN HEIGHT. FOR MEDIAN 1 GRATE AND MEDIAN 2 GRATE INLETS, THE T.O.S. ELEVATION IS EQUAL TO THE RIM/GRATE ELEVATION
(4) DEPTH OF STRUCTURE IS MEASURED BY SUBTRACTING INVERT ELEVATION FROM T.O.S.
(5) PIPE LENGTH IS MEASURED FROM INSIDE WALL OF STRUCTURE TO INSIDE WALL OF STRUCTURE OR INSIDE WALL OF STRUCTURE TO THE EXISTING PIPE CONNECTION. PAYMENT IS C-C PER STANDARD SPEC.
(6) PIPE SLOPE IS CALCULATED USING ((INLET ELEVATION - DISCHARGE ELEVATION) / PIPE LENGTH)*100
(7) STATION AT ENDWALL IS TO THE BEGINING OF ENDWALL/END OF NORMAL PIPE



NOTE
INSTALL TEMPORARY CONNECTION AT STRUCTURE 34A TO MAINTAIN EXISTING STORM SEWER FLOW.





STORM SEWER SCHEDULE

STRUCT OR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCT OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE CLASS	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	REMARKS
32	372+02.23	59.16' LT	38.1	31	INLETS MEDIAN 1 GRATE / MS-A	1561.24	1561.24	2.73	III	18	1558.51	1557.03	34.7	4.27	MS-A COVER, NO SLOPE
31	372+40.26	58.13' LT	50.3	34B	CATCH BASINS 4-FT DIAMETER / C	1560.65	1559.41	4.38	III	18	1557.03	1554.55	45.8	5.41	DEPTH INCLUDES 2-FT SUMP
33	371+66.88	18.27' LT	103.0	34B	CATCH BASINS 4-FT DIAMETER / SALVAGED INLET COVERS	1563.44	1562.44	5.44	III	18	1559.00	1553.30	98.5	5.79	DEPTH INCLUDES 2-FT SUMP
34B	372+69.58	17.50' LT	23.5	34A	CATCH BASINS 5-FT DIAMETER / H	1558.01	1557.01	5.71	III	18	1553.30	1552.14	18.5	6.27	DEPTH INCLUDES 2-FT SUMP
34A	372+69.58	6.01' RT	38.0	34	MANHOLES 5-FT DIAMETER / J	1558.21	1556.97	4.83	III	18	1552.14	1551.44	33.5	2.09	TEMPORARY STORM SEWER CONNECTION REQ'D
34	373+05.90	17.50' RT	--	--	EXISTING / H	1556.06	--	--	--	--	--	--	--	--	RECONSTRUCTING INLETS REQ'D

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
(2) RIM ELEVATION SHOWN AT CURB FLANGE FOR TYPE H COVERS. SEE CONCRETE CURB AND GUTTER AT INLETS DETAIL FOR ADDITIONAL INFORMATION. RIM ELEVATION SHOWN AT CENTER OF STRUCTURE FOR TYPE C, J, AND MS-A COVERS.
(3) TOP OF STRUCTURE ELEVATION (T.O.S.) IS DETERMINED BY SUBTRACTING THE CASTING HEIGHT AND 6-INCHES FOR ADJUSTMENT, FROM THE RIM ELEVATION. TYPE H INLET CASTING IS 6-INCHES IN HEIGHT. TYPE C INLET CASTING IS 9-INCHES IN HEIGHT. TYPE J INLET CASTING IS 9-INCHES IN HEIGHT. FOR MEDIAN 1 GRATE AND MEDIAN 2 GRATE INLETS, THE T.O.S. ELEVATION IS EQUAL TO THE RIM/GRATE ELEVATION
(4) DEPTH OF STRUCTURE IS MEASURED BY SUBTRACTING INVERT ELEVATION FROM T.O.S.
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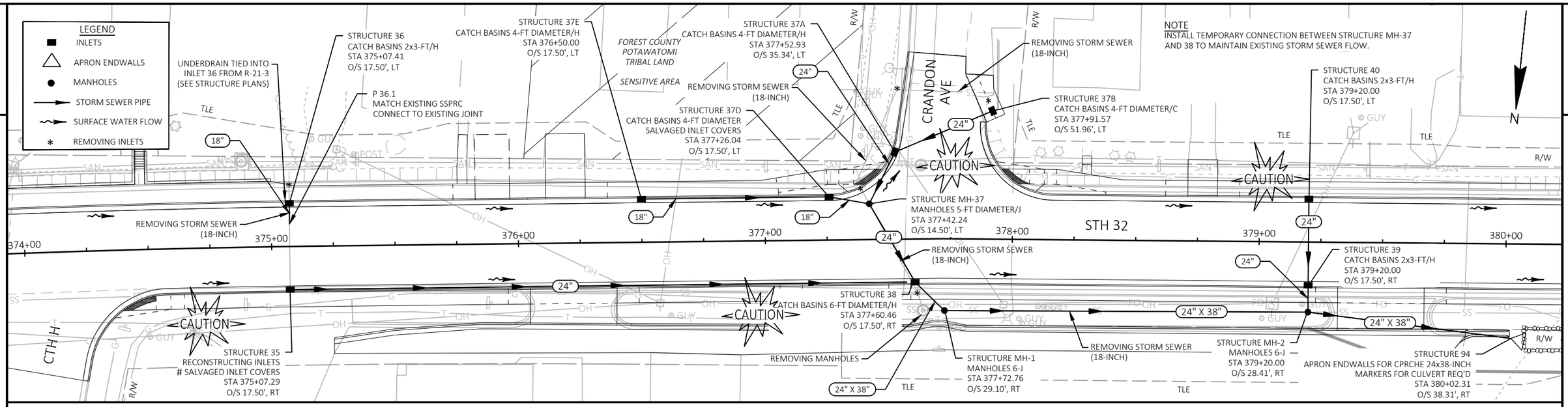
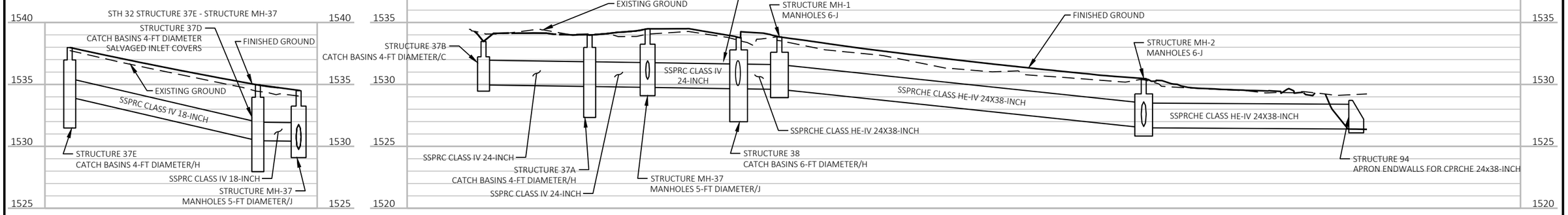
(6) PIPE SLOPE IS CALCULATED USING ((INLET ELEVATION - DISCHARGE ELEVATION) / PIPE LENGTH)*100
(7) STATION AT ENDWALL IS TO THE BEGINING OF ENDWALL/END OF NORMAL PIPE





PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	STORM SEWER	SHEET 84	E

2

STORM SEWER SCHEDULE

STRUCT OR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCT OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE						REMARKS
									CLASS	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	
40	379+20.00	17.50' LT	35.0	39.0	CATCH BASINS 2X3-FT / H	1530.14	1529.14	4.31	IV	24	1526.83	1526.66	33.0	0.52	DEPTH INCLUDES 2-FT SUMP
39	379+20.00	17.50' RT	10.9	MH-2	CATCH BASINS 2X3-FT / H	1530.14	1529.14	4.48	IV	24	1526.66	1526.60	7.4	0.81	DEPTH INCLUDES 2-FT SUMP
37B	377+91.57	51.96' LT	42.9	37A	CATCH BASINS 4-FT DIAMETER / C	1533.47	1532.40	4.44	IV	24	1529.96	1529.83	38.9	0.33	DEPTH INCLUDES 2-FT SUMP; MAXIMUM ADJUSTMENT IS 4 INCHES
37A	377+52.93	35.34' LT	23.4	MH-37	CATCH BASINS 4-FT DIAMETER / H	1534.03	1533.03	5.20	IV	24	1529.83	1529.76	18.9	0.37	DEPTH INCLUDES 2-FT SUMP
37E	376+50.00	17.50' LT	76.0	37D	CATCH BASINS 4-FT DIAMETER / H	1538.04	1537.04	5.06	IV	18	1533.98	1530.45	72.0	4.90	DEPTH INCLUDES 2-FT SUMP
37D	377+26.04	17.50' LT	16.5	MH-37	CATCH BASINS 4-FT DIAMETER / SALVAGED INLET COVERS	1535.02	1534.02	5.57	IV	18	1530.45	1530.41	12.0	0.33	DEPTH INCLUDES 2-FT SUMP
MH-37	377+42.24	14.50' LT	36.8	38	MANHOLES 5-FT DIAMETER / J	1534.49	1533.25	3.34	IV	24	1529.91	1529.80	31.3	0.35	TEMPORARY STORM SEWER CONNECTION REQ'D
38	377+60.46	17.50' RT	16.5	MH-1	CATCH BASINS 6-FT DIAMETER / H	1533.86	1532.86	5.06	IV	24x38	1529.80	1529.76	11.0	0.36	DEPTH INCLUDES 2-FT SUMP
MH-1	377+72.76	29.10' RT	147.2	MH-2	MANHOLES 6-FT DIAMETER / J	1533.88	1532.64	2.88	IV	24X38	1529.76	1526.50	142.2	2.29	
MH-2	379+20.00	28.41' RT	82.9	94	MANHOLES 6-FT DIAMETER / J	1530.56	1529.32	2.82	IV	24X38	1526.50	1526.40	80.4	0.12	
94	380+02.31	38.31' RT	--	--	--	--	--	--	--	24X38	1526.40	--	--	--	(7) APRON ENDWALL REQ'D
36	375+07.41	17.50' LT	8.0	36.1	CATCH BASINS 2X3-FT / H	1545.24	1544.24	4.95	IV	18	1541.29	1541.17	7.0	1.71	UNDERDRAIN TIED INTO INLET 36 FROM R-21-3 (SEE STRUCTURE PLANS)
35	375+07.29	17.50' RT	253.1	38	EXISTING / SALVAGED INLET COVERS #	1545.25	--	--	IV	24	1540.13	1529.80	248.6	4.16	RECONSTRUCTING INLETS REQ'D

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
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(6) PIPE SLOPE IS CALCULATED USING ((INLET ELEVATION - DISCHARGE ELEVATION) / PIPE LENGTH)*100
(7) STATION AT ENDWALL IS TO THE BEGINING OF ENDWALL/END OF NORMAL PIPE
SALVAGED INLET COVERS ARE INCIDENTAL TO THE RECONSTRUCTING INLETS ITEM

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 12(2)
PLOT DATE : 1/10/2024 11:20 AM PLOT BY : SCOTT KAISER PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 41

2

LEGEND
- INLETS
- APRON ENDWALLS
- MANHOLES
- STORM SEWER PIPE
- SURFACE WATER FLOW
- REMOVING INLETS

NOTE
INSTALL TEMPORARY CONNECTION BETWEEN STRUCTURE 41A AND 41C TO MAINTAIN EXISTING STORM SEWER FLOW.

SEE PAVING DETAILS FOR INLET WORK AND INLET GRADES FROM FAIRVIEW AVE TO FOREST AVE.

N

RANGE LINE CREEK

STH 32

380+00 381+00 382+00

STRUCTURE 41A
CATCH BASINS 4-FT DIAMETER/H
STA 380+31.40
O/S 17.50', LT

STRUCTURE 41
CATCH BASINS 4-FT DIAMETER/H
STA 380+56.40
O/S 17.50', LT

STRUCTURE 41B
CATCH BASINS 4-FT DIAMETER/H
STA 380+66.40
O/S 17.50', LT

STRUCTURE 43A
CATCH BASINS 2x3-FT/H
STA 382+06.69
O/S 17.50', LT

STRUCTURE 43
CATCH BASINS 5-FT DIAMETER/H
STA 382+06.71
O/S 17.50', RT

P 44.1
MATCH EXISTING SSPRC
CONNECT TO EXISTING JOINT

STRUCTURE MH-44
MANHOLES 6-FT DIAMETER/J
STA 382+13.55
O/S 21.80', RT

STRUCTURE MH-45
MANHOLES 6-FT DIAMETER/J
STA 382+13.45
O/S 35.16', RT

STRUCTURE 42
CATCH BASINS 4-FT DIAMETER/H
STA 380+56.24
O/S 17.50', RT

STRUCTURE 41C
CATCH BASINS 4-FT DIAMETER/H
STA 380+29.66
O/S 17.50', RT

STRUCTURE 42A
APRON ENDWALLS FOR CPRCHE 14x23-INCH MARKERS FOR CULVERT REQ'D
STA 380+72.81
O/S 31.59', RT

STRUCTURE 45A
APRON ENDWALLS FOR CPRCHE 19x30-INCH MARKERS FOR CULVERT REQ'D
STA 382+08.50
O/S 35.13', RT

14" X 23" (5) 24" 19" X 30" (2)

REMOVING STORM EWER (18-INCH)
REMOVING STORM SEWER (18-INCH)
REMOVING MANHOLES
REMOVING STORM EWER (18-INCH)
REMOVING MANHOLES
PROPOSED R/W
R/W TLE OH SAN SS FO SIGN GU

STH 32 STRUCTURE 41B - STRUCTURE 42A

TEMPORARY STORM SEWER CONNECTION REQ'D BETWEEN STAGE 2 AND STAGE 3
FINISHED GROUND
STRUCTURE 41A
CATCH BASINS 4-FT DIAMETER/H
STRUCTURE 41C
CATCH BASINS 4-FT DIAMETER/H
STRUCTURE 42
CATCH BASINS 4-FT DIAMETER/H
EXISTING GROUND
SSPRCHE CLASS HE-IV 14X23-INCH
STRUCTURE 41B
CATCH BASINS 4-FT DIAMETER/H
STRUCTURE 42A
APRON ENDWALLS FOR CPRCHE 14x23-INCH
SSPRCHE CLASS HE-IV 14X23-INCH
SSPRCHE CLASS HE-IV 14X23-INCH
STRUCTURE 41
CATCH BASINS 4-FT DIAMETER/H
SSPRCHE CLASS HE-IV 14X23-INCH
SSPRCHE CLASS HE-IV 14X23-INCH
1535 1530 1525 1520

STH 32 STRUCTURE 43A - STRUCTURE 45A

STRUCTURE MH-45
MANHOLES 6-FT DIAMETER/J
FINISHED GROUND
EXISTING GROUND
STRUCTURE 43A
CATCH BASINS 2x3-FT/H
STRUCTURE 45A
APRON ENDWALLS FOR CPRCHE 19x30-INCH
SSPRCHE CLASS HE-IV 19X30-INCH
SSPRCHE CLASS HE-IV 14X23-INCH
STRUCTURE 43
CATCH BASINS 5-FT DIAMETER/H
STRUCTURE MH-44
MANHOLES 6-FT DIAMETER/J
SSPRCHE CLASS HE-IV 14X23-INCH
1535 1530 1525 1520

STH 32 STRUCTURE MH-44 - PIPE 44.1

STRUCTURE MH-44
MANHOLES 6-FT DIAMETER/J
EXISTING SSPRC
SSPRC CLASS IV 24-INCH
P 44.1
MATCH EXISTING SSPRC
CONNECT TO EXISTING JOINT
1535 1530 1525 1520

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	STORM SEWER	SHEET 86	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 13
PLOT DATE : 10/12/2023 11:04 AM PLOT BY : NICHOLAS WIEDERIN PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

2

STORM SEWER SCHEDULE

STRUCT OR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCT OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE						REMARKS
									CLASS	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	
41B	380+66.40	17.50' LT	10.0	41.0	CATCH BASINS 4-FT DIAMETER / H	1529.14	1528.31	3.99	IV	14X23	1526.32	1526.30	6.0	0.33	MAXIMUM ADJUSTMENT IS 4 INCHES; DEPTH INCLUDES 2-FT SUMP
41	380+56.40	17.50' LT	25.0	41A	CATCH BASINS 4-FT DIAMETER / H	1529.14	1528.31	4.01	IV	14X23	1526.30	1526.26	21.0	0.19	MAXIMUM ADJUSTMENT IS 4 INCHES; DEPTH INCLUDES 2-FT SUMP
41A	380+31.40	17.50' LT	35.0	41C	CATCH BASINS 4-FT DIAMETER / H	1529.17	1528.34	4.08	IV	14X23	1526.26	1526.19	31.0	0.23	TEMPORARY STORM SEWER CONNECTION REQ'D; MAXIMUM ADJUSTMENT IS 4 INCHES; DEPTH INCLUDES 2-FT SUMP
41C	380+29.66	17.50' RT	26.6	42	CATCH BASINS 4-FT DIAMETER / H	1529.18	1528.18	3.99	IV	14X23	1526.19	1526.15	22.6	0.18	DEPTH INCLUDES 2-FT SUMP
42	380+56.24	17.50' RT	21.8	42A	CATCH BASINS 4-FT DIAMETER / H	1529.14	1528.14	3.99	IV	14X23	1526.15	1526.10	19.8	0.25	DEPTH INCLUDES 2-FT SUMP
42A	380+72.81	31.59' RT	--	--	--	--	--	--	--	14X23	1526.10	--	--	--	(7) APRON ENDWALL REQ'D
43A	382+06.69	17.50' LT	35.0	43.0	CATCH BASINS 2X3-FT / H	1529.83	1528.83	4.21	IV	14X23	1526.62	1526.55	30.5	0.23	'DEPTH INCLUDES 2-FT SUMP
43	382+06.71	17.50' RT	8.2	MH-44	CATCH BASINS 5-FT DIAMETER / H	1529.83	1528.83	4.26	IV	14X23	1526.57	1526.55	3.2	0.62	DEPTH INCLUDES 2-FT SUMP
44.1	--	--	8.0	MH-44	--	--	--	--	IV	24	1526.63	1526.59	5.0	0.80	CONNECT TO EXISTING JOINT AT P 44.1
MH-44	382+13.55	21.80' RT	19.4	MH-45	MANHOLES 6-FT DIAMETER / J	1530.34	1529.10	2.55	IV	19X30	1526.55	1526.49	14.4	0.42	
MH-45	382+13.45	35.16' RT	5.0	45A	MANHOLES 6-FT DIAMETER / J	1530.60	1529.36	2.87	IV	19X30	1526.49	1526.48	2.5	0.40	
45A	382+08.50	35.13' RT	--	--	--	--	--	--	--	19X30	1526.48	--	--	--	(7) APRON ENDWALL REQ'D

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
(2) RIM ELEVATION SHOWN AT CURB FLANGE FOR TYPE H COVERS. SEE CONCRETE CURB AND GUTTER AT INLETS DETAIL FOR ADDITIONAL INFORMATION. RIM ELEVATION SHOWN AT CENTER OF STRUCTURE FOR TYPE C, J, AND MS-A COVERS.
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FOR MEDIAN 1 GRATE AND MEDIAN 2 GRATE INLETS, THE T.O.S. ELEVATION IS EQUAL TO THE RIM/GRATE ELEVATION
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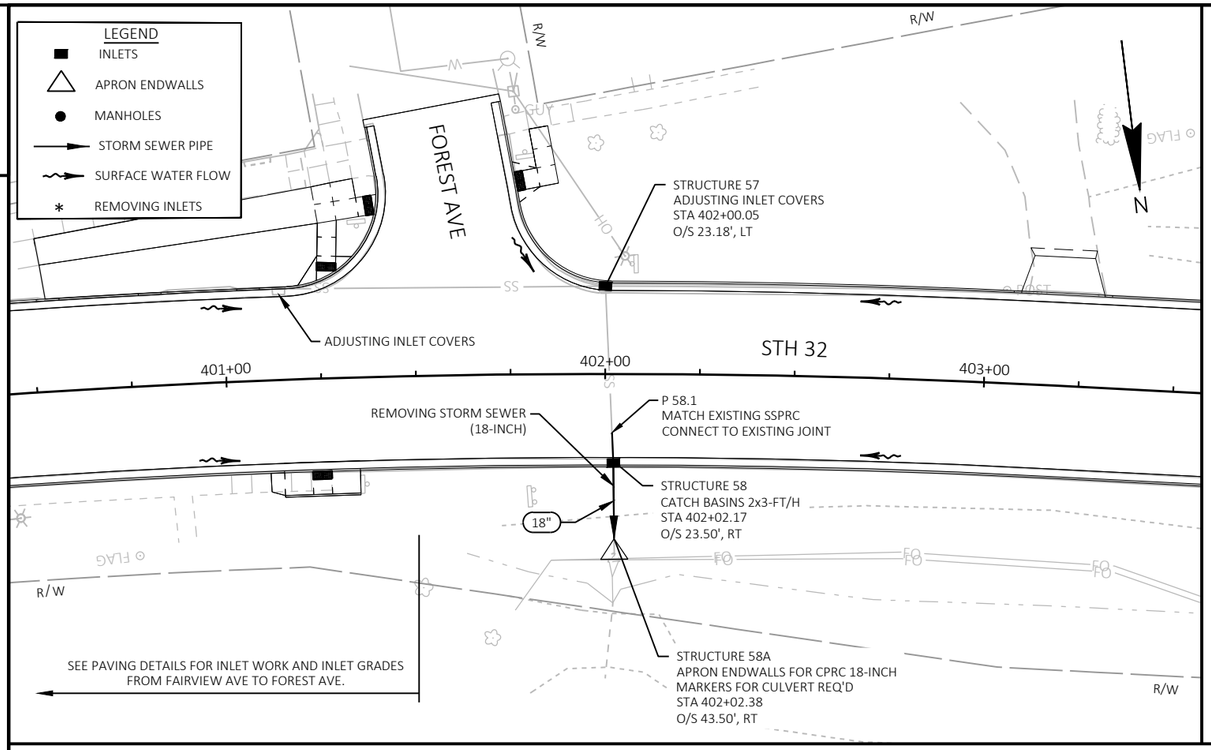
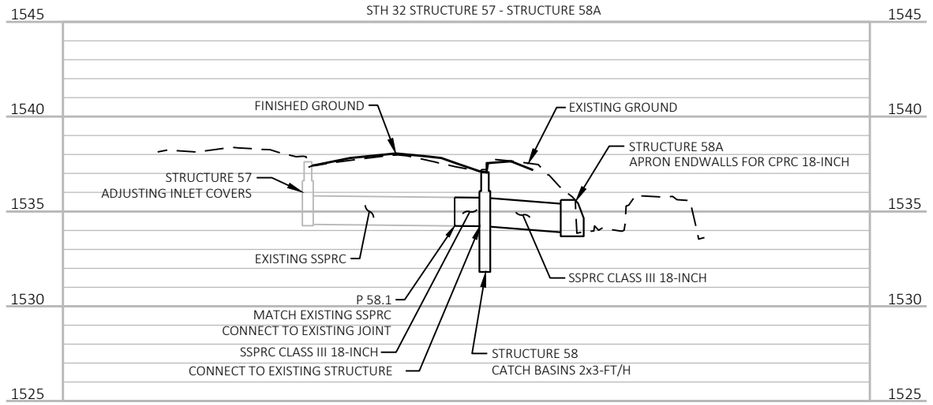
(6) PIPE SLOPE IS CALCULATED USING ((INLET ELEVATION - DISCHARGE ELEVATION) / PIPE LENGTH)*100
(7) STATION AT ENDWALL IS TO THE BEGINING OF ENDWALL/END OF NORMAL PIPE





STORM SEWER SCHEDULE

STRUCT OR PIPE NO.	STATION	(1) OFFSET	C-C (FT)	TO STRUCT OR PIPE	INLET TYPE / COVER	(2) RIM/ GRATE ELEV.	(3) T.O.S. ELEV.	(4) DEPTH (FT)	DISCHARGE PIPE CLASS	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	(5) LENGTH (FT)	(6) SLOPE (%)	REMARKS
57	402+00.05	23.18' LT	--	--	EXISTING	--	--	--	--	--	--	--	--	--	EXISTING INLET, ADJUSTING INLET COVERS REQ'D
58.1	--	--	8.0	58.0	--	--	--	--	III	18	1534.24	1534.22	7.0	0.29	CONNECT TO EXISTING JOINT AT P 58.1
58	402+02.17	23.50' RT	20.0	58A	CATCH BASINS 2X3-FT / H	1537.15	1536.15	1.93	III	18	1534.22	1533.90	19.0	1.68	
58A	402+02.38	43.50' RT	--	--	--	--	--	--	--	18	1533.90	--	--	--	(7) APRON ENDWALL REQ'D

(1) STRUCTURE OFFSET IS TO CENTER OF STRUCTURE.
(2) RIM ELEVATION SHOWN AT CURB FLANGE FOR TYPE H COVERS. SEE CONCRETE CURB AND GUTTER AT INLETS DETAIL FOR ADDITIONAL INFORMATION. RIM ELEVATION SHOWN AT CENTER OF STRUCTURE FOR TYPE C, J, AND MS-A COVERS.
(3) TOP OF STRUCTURE ELEVATION (T.O.S.) IS DETERMINED BY SUBTRACTING THE CASTING HEIGHT AND 6-INCHES FOR ADJUSTMENT, FROM THE RIM ELEVATION. TYPE H INLET CASTING IS 6-INCHES IN HEIGHT. TYPE C INLET CASTING IS 9-INCHES IN HEIGHT. TYPE J INLET CASTING IS 9-INCHES IN HEIGHT. FOR MEDIAN 1 GRATE AND MEDIAN 2 GRATE INLETS, THE T.O.S. ELEVATION IS EQUAL TO THE RIM/GRATE ELEVATION
(4) DEPTH OF STRUCTURE IS MEASURED BY SUBTRACTING INVERT ELEVATION FROM T.O.S.
(5) PIPE LENGTH IS MEASURED FROM INSIDE WALL OF STRUCTURE TO INSIDE WALL OF STRUCTURE OR INSIDE WALL OF STRUCTURE TO THE EXISTING PIPE CONNECTION. PAYMENT IS C-C PER STANDARD SPEC.
(6) PIPE SLOPE IS CALCULATED USING ((INLET ELEVATION - DISCHARGE ELEVATION) / PIPE LENGTH)*100
(7) STATION AT ENDWALL IS TO THE BEGINING OF ENDWALL/END OF NORMAL PIPE

LEGEND

EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MYDY4	MARKING LINE 4-INCH (DOUBLE YELLOW)
MWE6	MARKING LINE 6-INCH (WHITE EDGELINE)
MSDY4	MARKING LINE SAME DAY 4-INCH (DOUBLE YELLOW)
MSDY6	MARKING LINE SAME DAY 6-INCH (DOUBLE YELLOW)
ARRW1	MARKING ARROW TYPE 1 (YELLOW)
ARRW2	MARKING ARROW TYPE 2 (YELLOW)
CWTW6	MARKING CROSSWALK TRANSVERSE 6-INCH LINE (WHITE)
SLW18	MARKING STOP LINE 18-INCH (YELLOW)
CWBW24	MARKING CROSSWALK BLOCK STYLE 24-INCH (WHITE)

X	SIGN - REMOVE AND REPLACE
X	SIGN - NEW
X	SIGN - REMOVE
X	SIGN - MOVE
	EXISTING SIGN MOUNTED ON SINGLE POST
	MOVE EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
	EXISTING SIGN MOUNTED ON MULTIPLE POSTS
	PROPOSED SIGN MOUNTED ON MULTIPLE POSTS

2

R/W

N

CARTER 4
GREEN BAY 82
TO REMAIN

1-2
SPEED LIMIT 55
R2-1
24"X30"

1-4
SOUTH 32
REMOVE

MWE6 GWRE

MWE6 EPOXY

MSDY6 EPOXY

POST

329+00 330+00 331+00 332+00 333+00 334+00

STH 32

+66

+66

12'

12'

MWE6 GWRE

MWE6 EPOXY

EXTEND CENTERLINE AND EDGE LINE MARKING TO STA 320+07 DUE TO STAGING, SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.

SPEED LIMIT 35
R2-1
24"X30"
1-1

JCT COUNTY C
REMOVE
1-3

JCT COUNTY C
J1-1
24"X39"
1-5

FO G OH GUY POST HO PLE TLE

R/W

NICOLET STATE TRAIL

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING AND MARKING	SHEET 89	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 01
PLOT DATE : 10/12/2023 7:23 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

LEGEND

EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MYDY4	MARKING LINE 4-INCH (DOUBLE YELLOW)
MWE6	MARKING LINE 6-INCH (WHITE EDGELINE)
MSDY4	MARKING LINE SAME DAY 4-INCH (DOUBLE YELLOW)
MSDY6	MARKING LINE SAME DAY 6-INCH (DOUBLE YELLOW)
ARRW1	MARKING ARROW TYPE 1 (YELLOW)
ARRW2	MARKING ARROW TYPE 2 (YELLOW)
CWTW6	MARKING CROSSWALK TRANSVERSE 6-INCH LINE (WHITE)
SLW18	MARKING STOP LINE 18-INCH (YELLOW)
CWBW24	MARKING CROSSWALK BLOCK STYLE 24-INCH (WHITE)

X	SIGN - REMOVE AND REPLACE
X	SIGN - NEW
X	SIGN - REMOVE
X	SIGN - MOVE
	EXISTING SIGN MOUNTED ON SINGLE POST
	MOVE EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
	EXISTING SIGN MOUNTED ON MULTIPLE POSTS
	PROPOSED SIGN MOUNTED ON MULTIPLE POSTS

2-1 CENTERLINE RUMBLE STRIPS REMOVE
NEXT 2 MILES REMOVE

2-2 SPEED LIMIT 35 R2-1 24"X30"

2-6 ADOPT A HIGHWAY I55-56 30"X18"

2-7 IN MEMORY OF PERCY AND ALLEN HOULE I55-56P 30"X18"

2-8 SOUTH 32 J4-1 24"X36"

2-9 SCENIC BYWAY D6-45 24"X24"

MSDY6 EPOXY

MWE6 EPOXY

MWE6 EPOXY

STH 32

12' 12'

335+00 336+00 337+00 338+00 339+00 340+00

R/W R/W

TLE TLE

PLE PLE

NICOLET STATE TRAIL

2-3 RUSTIC ROAD JR13-1 24"X45"

2-4 ADOPT A HIGHWAY I55-56 30"X18"

2-5 IN MEMORY OF PATRICIA AND JOHN TALLIER I55-56P 30"X18"

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING AND MARKING	SHEET 90	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 02

PLOT DATE : 10/12/2023 7:23 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MYDY4	MARKING LINE 4-INCH (DOUBLE YELLOW)
MWE6	MARKING LINE 6-INCH (WHITE EDGELINE)
MSDY4	MARKING LINE SAME DAY 4-INCH (DOUBLE YELLOW)
MSDY6	MARKING LINE SAME DAY 6-INCH (DOUBLE YELLOW)
ARRW1	MARKING ARROW TYPE 1 (YELLOW)
ARRW2	MARKING ARROW TYPE 2 (YELLOW)
CWTW6	MARKING CROSSWALK TRANSVERSE 6-INCH LINE (WHITE)
SLW18	MARKING STOP LINE 18-INCH (YELLOW)
CWBW24	MARKING CROSSWALK BLOCK STYLE 24-INCH (WHITE)

X	SIGN - REMOVE AND REPLACE
X	SIGN - NEW
X	SIGN - REMOVE
X	SIGN - MOVE
	EXISTING SIGN MOUNTED ON SINGLE POST
	MOVE EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
	EXISTING SIGN MOUNTED ON MULTIPLE POSTS
	PROPOSED SIGN MOUNTED ON MULTIPLE POSTS

LIND AVE

RIVER ST (EAST)

STH 32

CTH C

BROADWAY ST

NICOLET STATE TRAIL

R/W

TLE

PLE

MWE6 EPOXY

CWTW6 EPOXY

MSDY6 EPOXY

MSDY4 EPOXY

+13 +84 +91 +90 +34 +60 +58 +46

6' 12'

3-1 COUNTY C J13-1 24"X45"

3-2 STOP R1-1 30"X30"

3-3 32 J12-1 24"X45"

3-4 COUNTY C J13-1 24"X45"

3-5 NORTH 32 J4-1 24"X36"

3-6 SCENIC BYWAY D6-4S 24"X24"

3-7 STOP R1-1 30"X30"

MOVE BY MUNICIPALITY

3-8 WABENO UNINCORPORATED I2-3 54"X24"

3-9 RUSTIC ROAD J13-1 24"X45"

3-10 SPEED LIMIT 35 R2-1 24"X30"

2

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING AND MARKING	SHEET 91	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 03

PLOT DATE : 10/12/2023 7:23 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

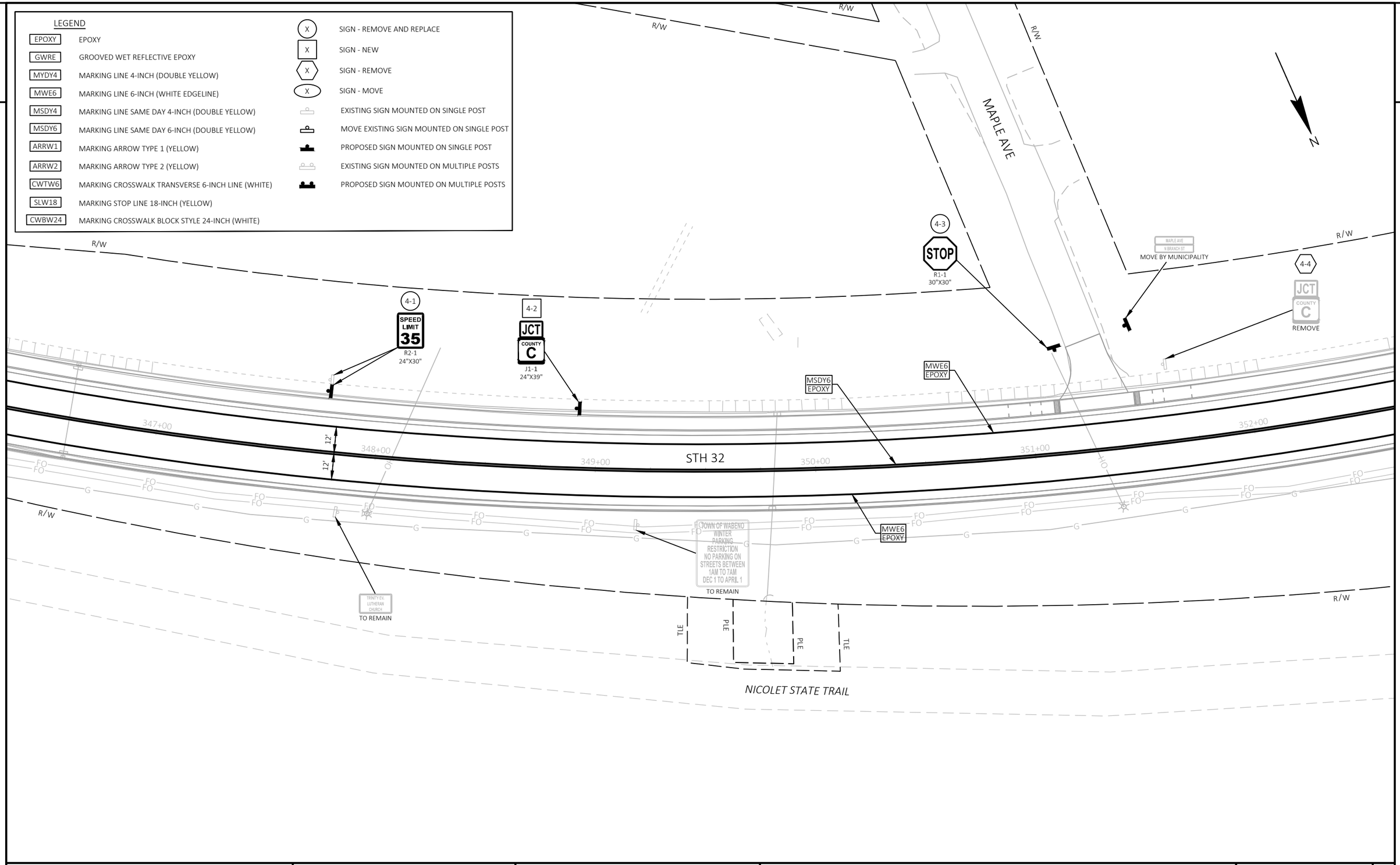
WISDOT/CADDS SHEET 44

2

LEGEND

EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MYDY4	MARKING LINE 4-INCH (DOUBLE YELLOW)
MWE6	MARKING LINE 6-INCH (WHITE EDGELINE)
MSDY4	MARKING LINE SAME DAY 4-INCH (DOUBLE YELLOW)
MSDY6	MARKING LINE SAME DAY 6-INCH (DOUBLE YELLOW)
ARRW1	MARKING ARROW TYPE 1 (YELLOW)
ARRW2	MARKING ARROW TYPE 2 (YELLOW)
CWTW6	MARKING CROSSWALK TRANSVERSE 6-INCH LINE (WHITE)
SLW18	MARKING STOP LINE 18-INCH (YELLOW)
CWBW24	MARKING CROSSWALK BLOCK STYLE 24-INCH (WHITE)

X	SIGN - REMOVE AND REPLACE
X	SIGN - NEW
X	SIGN - REMOVE
X	SIGN - MOVE
	EXISTING SIGN MOUNTED ON SINGLE POST
	MOVE EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
	EXISTING SIGN MOUNTED ON MULTIPLE POSTS
	PROPOSED SIGN MOUNTED ON MULTIPLE POSTS



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING AND MARKING	SHEET 92	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 04

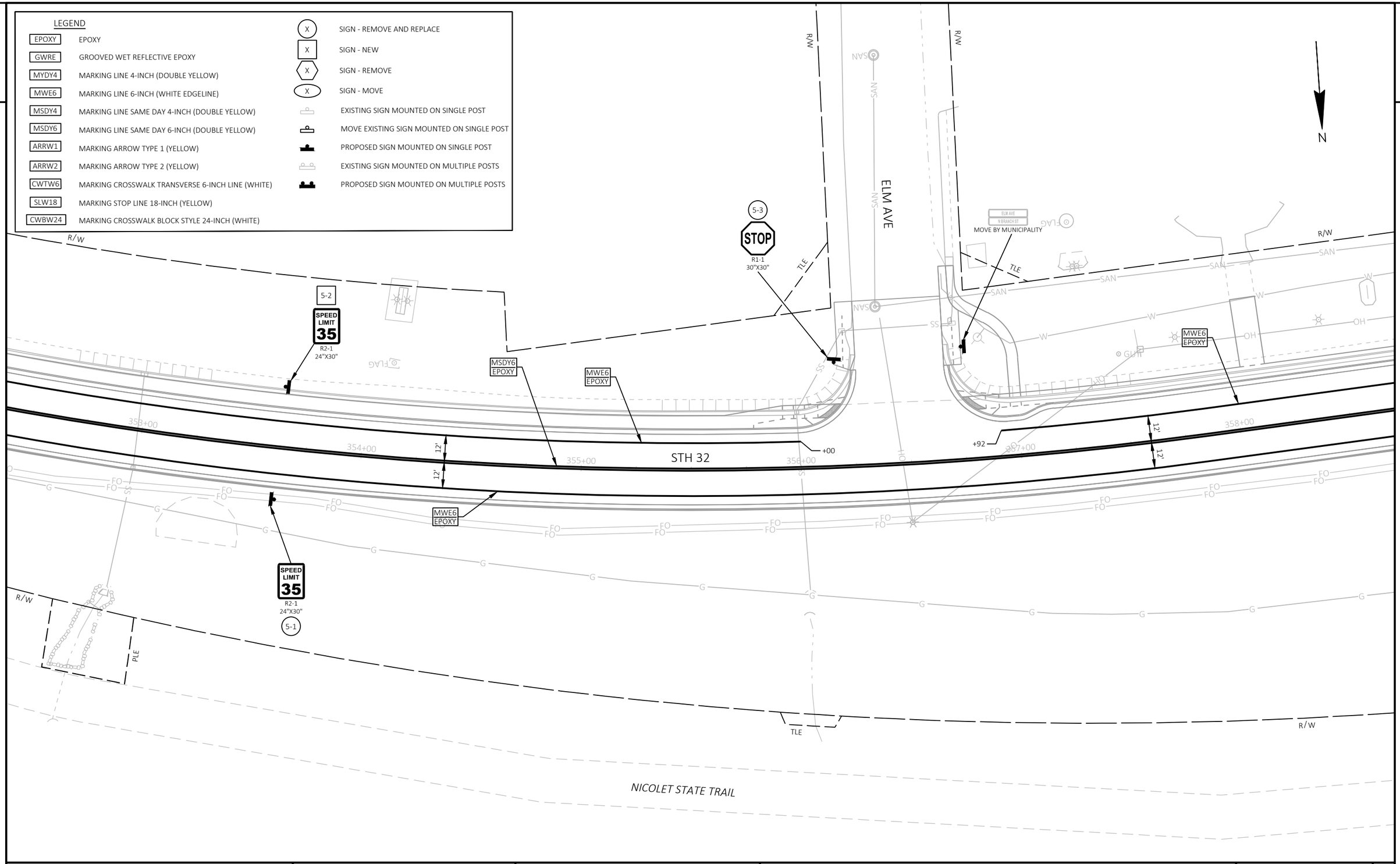
PLOT DATE : 10/12/2023 7:23 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

LEGEND

EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MYDY4	MARKING LINE 4-INCH (DOUBLE YELLOW)
MWE6	MARKING LINE 6-INCH (WHITE EDGELINE)
MSDY4	MARKING LINE SAME DAY 4-INCH (DOUBLE YELLOW)
MSDY6	MARKING LINE SAME DAY 6-INCH (DOUBLE YELLOW)
ARRW1	MARKING ARROW TYPE 1 (YELLOW)
ARRW2	MARKING ARROW TYPE 2 (YELLOW)
CWTW6	MARKING CROSSWALK TRANSVERSE 6-INCH LINE (WHITE)
SLW18	MARKING STOP LINE 18-INCH (YELLOW)
CWBW24	MARKING CROSSWALK BLOCK STYLE 24-INCH (WHITE)

X	SIGN - REMOVE AND REPLACE
X	SIGN - NEW
X	SIGN - REMOVE
X	SIGN - MOVE
	EXISTING SIGN MOUNTED ON SINGLE POST
	MOVE EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
	EXISTING SIGN MOUNTED ON MULTIPLE POSTS
	PROPOSED SIGN MOUNTED ON MULTIPLE POSTS



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING AND MARKING	SHEET 93	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 05

PLOT DATE : 10/12/2023 7:23 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

LEGEND

EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MYDY4	MARKING LINE 4-INCH (DOUBLE YELLOW)
MWE6	MARKING LINE 6-INCH (WHITE EDGELINE)
MSDY4	MARKING LINE SAME DAY 4-INCH (DOUBLE YELLOW)
MSDY6	MARKING LINE SAME DAY 6-INCH (DOUBLE YELLOW)
ARRW1	MARKING ARROW TYPE 1 (YELLOW)
ARRW2	MARKING ARROW TYPE 2 (YELLOW)
CWTW6	MARKING CROSSWALK TRANSVERSE 6-INCH LINE (WHITE)
SLW18	MARKING STOP LINE 18-INCH (YELLOW)
CWBW24	MARKING CROSSWALK BLOCK STYLE 24-INCH (WHITE)

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X	SIGN - NEW
X	SIGN - REMOVE
X	SIGN - MOVE
	EXISTING SIGN MOUNTED ON SINGLE POST
	MOVE EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
	EXISTING SIGN MOUNTED ON MULTIPLE POSTS
	PROPOSED SIGN MOUNTED ON MULTIPLE POSTS

N

PEARL AVE

EAST AVE

STH 32

6-1 STOP R1-1 30"X30"

MOVE BY MUNICIPALITY (EAST AVE / N BRANCH ST)

MWE6 EPOXY

6-3 SPEED LIMIT 35 R2-1 24"X30"

6-10 SPEED LIMIT 25 R2-1 24"X30"

6-11 END SCHOOL ZONE S5-2 24"X30"

6-12 STOP R1-1 30"X30"

MOVE BY MUNICIPALITY (PEARL AVE / N BRANCH ST)

MSDY6 EPOXY

MWE6 EPOXY

MWE6 EPOXY

BETHEL BAPTIST CHURCH — REMOVE BY OTHERS

BETHEL BAPTIST CHURCH — REMOVE BY OTHERS

6-2 SPEED LIMIT 25 R2-1 24"X30"

6-4 REMOVE

6-5 S1-1 36"X36"

6-6 AHEAD W16-9P 30"X18"

6-7 FINES HIGHER R2-6P 24"X18"

6-8 SPEED LIMIT 25 REMOVE

6-9 SCHOOL SPEED LIMIT 15 (WHEN CHILDREN ARE PRESENT) S4-51 24"X48"
REMOVE EXISTING BEACON AND ABANDON THE EXISTING WIRING, INCIDENTAL TO THE REMOVING SIGN ITEM

+86 359+00 360+00 +62 361+00 362+00 363+00 +79 364+00 +71

12' 12' 12' 12'

R/W

NICOLET STATE TRAIL

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING AND MARKING	SHEET 94	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 06

PLOT DATE : 10/12/2023 7:23 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MYDY4	MARKING LINE 4-INCH (DOUBLE YELLOW)
MWE6	MARKING LINE 6-INCH (WHITE EDGELINE)
MSDY4	MARKING LINE SAME DAY 4-INCH (DOUBLE YELLOW)
MSDY6	MARKING LINE SAME DAY 6-INCH (DOUBLE YELLOW)
ARRW1	MARKING ARROW TYPE 1 (YELLOW)
ARRW2	MARKING ARROW TYPE 2 (YELLOW)
CWTW6	MARKING CROSSWALK TRANSVERSE 6-INCH LINE (WHITE)
SLW18	MARKING STOP LINE 18-INCH (YELLOW)
CWBW24	MARKING CROSSWALK BLOCK STYLE 24-INCH (WHITE)

X	SIGN - REMOVE AND REPLACE
X	SIGN - NEW
X	SIGN - REMOVE
X	SIGN - MOVE
	EXISTING SIGN MOUNTED ON SINGLE POST
	MOVE EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
	EXISTING SIGN MOUNTED ON MULTIPLE POSTS
	PROPOSED SIGN MOUNTED ON MULTIPLE POSTS

N

7-4
SOUTH 32
J4-1
24"X36"
7-5
SCENIC BYWAY
D6-4S
24"X24"

R/W

MSDY6
EPOXY

MWE6
EPOXY

+71

365+00 366+00 367+00 368+00 369+00 370+00

STH 32

12'
12'

MWE6
EPOXY

REMOVE SIGN POST
7-2

REMOVE
7-1

SPEED LIMIT 25
REMOVE
7-3

JCT COUNTY H
J1-1
24"X39"
7-6

R/W

R/W

NICOLET STATE TRAIL

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING AND MARKING	SHEET 95	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 07

PLOT DATE : 10/12/2023 7:24 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MYDY4	MARKING LINE 4-INCH (DOUBLE YELLOW)
MWE6	MARKING LINE 6-INCH (WHITE EDGELINE)
MSDY4	MARKING LINE SAME DAY 4-INCH (DOUBLE YELLOW)
MSDY6	MARKING LINE SAME DAY 6-INCH (DOUBLE YELLOW)
ARRW1	MARKING ARROW TYPE 1 (YELLOW)
ARRW2	MARKING ARROW TYPE 2 (YELLOW)
CWTW6	MARKING CROSSWALK TRANSVERSE 6-INCH LINE (WHITE)
SLW18	MARKING STOP LINE 18-INCH (YELLOW)
CWBW24	MARKING CROSSWALK BLOCK STYLE 24-INCH (WHITE)

X	SIGN - REMOVE AND REPLACE
X	SIGN - NEW
X	SIGN - REMOVE
X	SIGN - MOVE
	EXISTING SIGN MOUNTED ON SINGLE POST
	MOVE EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
	EXISTING SIGN MOUNTED ON MULTIPLE POSTS
	PROPOSED SIGN MOUNTED ON MULTIPLE POSTS

NOTE
PLACE MARKING CROSSWALK BLOCK STYLE 24-INCH ACCORDING TO SDD "STOP LINE AND CROSSWALK PAVEMENT MARKING" AND DETAIL "TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK".

N

8-4 S1-1 36"X36"
8-1 REMOVE
8-6 STOP R1-1 30"X30"
JONES AVE / N BRANCH ST MOVE BY MUNICIPALITY
8-5 S16-7L 30"X18"
SPEED LIMIT 25 REMOVE
JONES AVE
8-8 SOUTH 32 REMOVE
8-11 REMOVE AHEAD REMOVE
8-13 COUNTY H J12-1 24"X45"
8-16 COUNTY H BLACKWELL REMOVE
MWE6 EPOXY
MSDY6 EPOXY
CWBW24 EPOXY
STH 32
CTH H
PLE
TLE
R/W
PRW
6'
12'
+75
+81
+60
+62
+56
+32
+50
371+00
372+00
373+00
374+00
375+00
376+00
8-7 BLACKWELL REMOVE
8-9 REMOVE
8-10 COUNTY H J12-1 24"X45"
8-2 S1-1 36"X36"
8-3 S16-7L 30"X18"
8-12 STOP R1-1 30"X30"
8-14 NORTH 32 J4-1 24"X36"
8-15 SCENIC BYWAY D6-4S 24"X24"
REPLACE 385' OF CTH H CENTERLINE DUE TO MARKING REMOVAL FOR PARTIAL LANE SHIFT. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING AND MARKING	SHEET 96	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 08
PLOT DATE : 10/12/2023 7:24 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MYDY4	MARKING LINE 4-INCH (DOUBLE YELLOW)
MWE6	MARKING LINE 6-INCH (WHITE EDGELINE)
MSDY4	MARKING LINE SAME DAY 4-INCH (DOUBLE YELLOW)
MSDY6	MARKING LINE SAME DAY 6-INCH (DOUBLE YELLOW)
ARRW1	MARKING ARROW TYPE 1 (YELLOW)
ARRW2	MARKING ARROW TYPE 2 (YELLOW)
CWTW6	MARKING CROSSWALK TRANSVERSE 6-INCH LINE (WHITE)
SLW18	MARKING STOP LINE 18-INCH (YELLOW)
CWBW24	MARKING CROSSWALK BLOCK STYLE 24-INCH (WHITE)

X	SIGN - REMOVE AND REPLACE
X	SIGN - NEW
X	SIGN - REMOVE
X	SIGN - MOVE
	EXISTING SIGN MOUNTED ON SINGLE POST
	MOVE EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
	EXISTING SIGN MOUNTED ON MULTIPLE POSTS
	PROPOSED SIGN MOUNTED ON MULTIPLE POSTS

9-1 SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT
S4-51
24"X48"
REMOVE EXISTING BEACON AND ABANDON THE EXISTING WIRING, INCIDENTAL TO THE REMOVING SIGN ITEM

CRANDON AVE
N BRANCH ST
MOVE BY MUNICIPALITY

9-4 STOP
R1-1
30"X30"

9-5
S1-1
36"X36"

9-6 AHEAD
W16-9P
30"X18"

9-7 FINES HIGHER
R2-6P
24"X18"

9-8 JCT COUNTY H
J1-1
24"X39"

MSDY6 EPOXY

ARRW2 EPOXY

SLW18 EPOXY

MYDY4 EPOXY

ARRW1 EPOXY

9-10 SPEED LIMIT 25
R2-1
24"X30"

RANGE LINE CREEK

N

R/W

TLE

CRANDON AVE

STH 32

377+00 378+00 379+00 380+00 381+00 382+00

+17 +26

MWE6 EPOXY

12'

PRW

SPEED LIMIT 25
R2-1
24"X30"
9-2

END SCHOOL ZONE
S5-2
24"X30"
9-3

W11-8
30"X30"
REMOVE EXISTING BEACON AND ABANDON THE EXISTING WIRING, INCIDENTAL TO THE REMOVING SIGN ITEM
9-9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING AND MARKING	SHEET 97	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 09

PLOT DATE : 10/12/2023 7:24 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MYDY4	MARKING LINE 4-INCH (DOUBLE YELLOW)
MWE6	MARKING LINE 6-INCH (WHITE EDGELINE)
MSDY4	MARKING LINE SAME DAY 4-INCH (DOUBLE YELLOW)
MSDY6	MARKING LINE SAME DAY 6-INCH (DOUBLE YELLOW)
ARRW1	MARKING ARROW TYPE 1 (YELLOW)
ARRW2	MARKING ARROW TYPE 2 (YELLOW)
CWTW6	MARKING CROSSWALK TRANSVERSE 6-INCH LINE (WHITE)
SLW18	MARKING STOP LINE 18-INCH (YELLOW)
CWBW24	MARKING CROSSWALK BLOCK STYLE 24-INCH (WHITE)

X	SIGN - REMOVE AND REPLACE
X	SIGN - NEW
X	SIGN - REMOVE
X	SIGN - MOVE
	EXISTING SIGN MOUNTED ON SINGLE POST
	MOVE EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
	EXISTING SIGN MOUNTED ON MULTIPLE POSTS
	PROPOSED SIGN MOUNTED ON MULTIPLE POSTS

N

10-1 R1-1 30"X30" STOP

10-2 NO PARKING ANY TIME R7-1D 18"X24" REMOVE

10-3 NO PARKING ANY TIME R7-1D 18"X24"

10-4 SPEED LIMIT 25 R2-1 24"X30"

10-5 REMOVE

10-6 STOP R1-1 30"X30"

10-7 W11-8 30"X30" SIGN POST BOX-OUT REQ'D, INCIDENTAL TO THE PROPOSED SIGN.

10-8 REMOVE REMOVE EXISTING BEACON AND ABANDON THE EXISTING WIRING, INCIDENTAL TO THE REMOVING SIGN ITEM

MOVE BY MUNICIPALITY (RIVER ST / N BRANCH ST)

MOVE BY MUNICIPALITY (FAIRVIEW AVE / N BRANCH ST)

RIVER ST (WEST)

FAIRVIEW AVE

STH 32

CWTW6 EPOXY

MSDY6 EPOXY

MWE6 EPOXY

+62 +40 +34 +57 +38

6' 12'

383+00 384+00 385+00 386+00 387+00 388+00

R/W TLE PRW OH SS FO G W SAN POST GUY

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING AND MARKING	SHEET 98	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 10

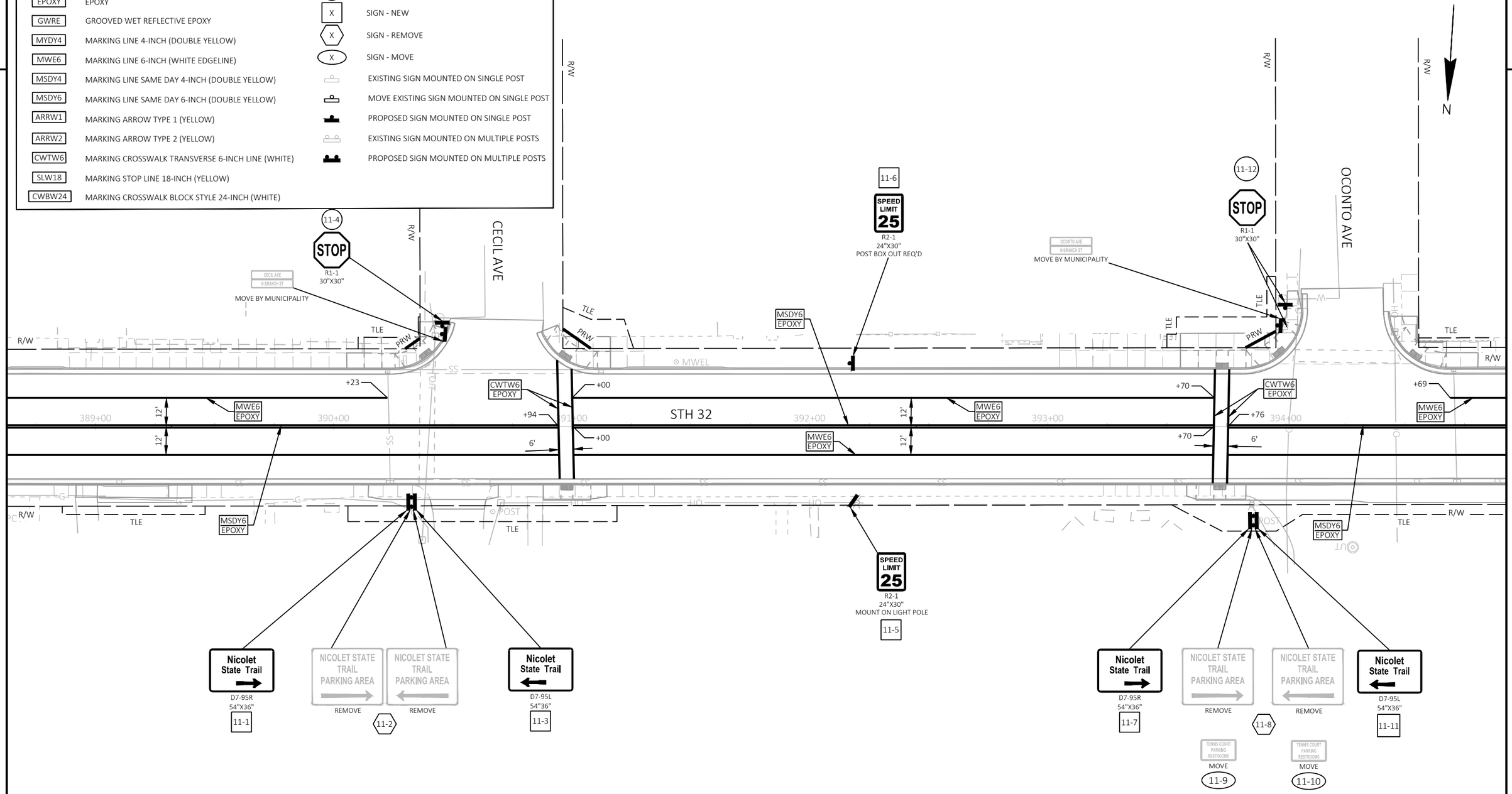
PLOT DATE : 10/12/2023 7:24 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

LEGEND

EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MYDY4	MARKING LINE 4-INCH (DOUBLE YELLOW)
MWE6	MARKING LINE 6-INCH (WHITE EDGELINE)
MSDY4	MARKING LINE SAME DAY 4-INCH (DOUBLE YELLOW)
MSDY6	MARKING LINE SAME DAY 6-INCH (DOUBLE YELLOW)
ARRW1	MARKING ARROW TYPE 1 (YELLOW)
ARRW2	MARKING ARROW TYPE 2 (YELLOW)
CWTW6	MARKING CROSSWALK TRANSVERSE 6-INCH LINE (WHITE)
SLW18	MARKING STOP LINE 18-INCH (YELLOW)
CWBW24	MARKING CROSSWALK BLOCK STYLE 24-INCH (WHITE)

X	SIGN - REMOVE AND REPLACE
X	SIGN - NEW
X	SIGN - REMOVE
X	SIGN - MOVE
	EXISTING SIGN MOUNTED ON SINGLE POST
	MOVE EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
	EXISTING SIGN MOUNTED ON MULTIPLE POSTS
	PROPOSED SIGN MOUNTED ON MULTIPLE POSTS



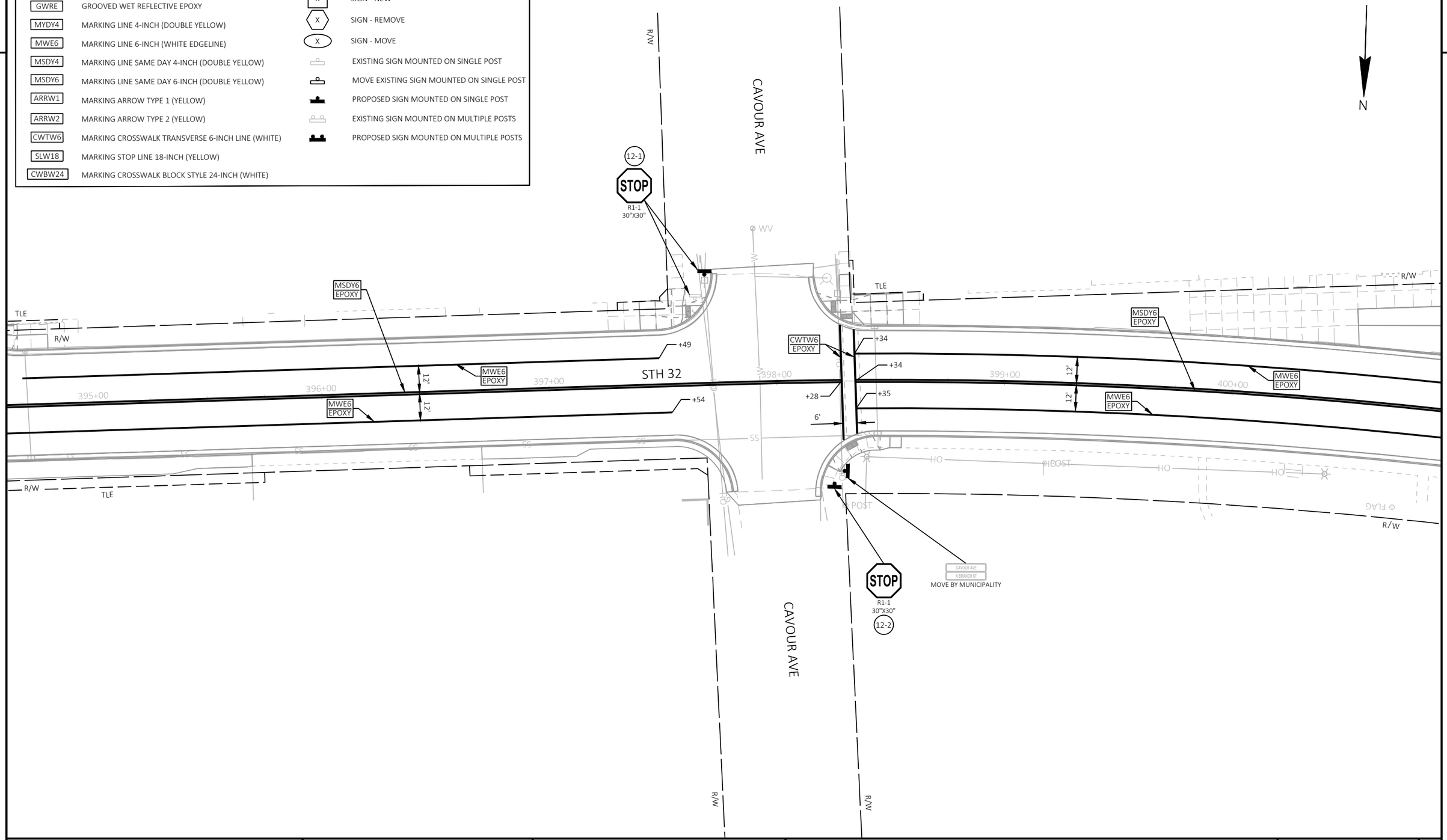
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING AND MARKING	SHEET 99	E

2

LEGEND

EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MYDY4	MARKING LINE 4-INCH (DOUBLE YELLOW)
MWE6	MARKING LINE 6-INCH (WHITE EDGELINE)
MSDY4	MARKING LINE SAME DAY 4-INCH (DOUBLE YELLOW)
MSDY6	MARKING LINE SAME DAY 6-INCH (DOUBLE YELLOW)
ARRW1	MARKING ARROW TYPE 1 (YELLOW)
ARRW2	MARKING ARROW TYPE 2 (YELLOW)
CWTW6	MARKING CROSSWALK TRANSVERSE 6-INCH LINE (WHITE)
SLW18	MARKING STOP LINE 18-INCH (YELLOW)
CWBW24	MARKING CROSSWALK BLOCK STYLE 24-INCH (WHITE)

X	SIGN - REMOVE AND REPLACE
X	SIGN - NEW
X	SIGN - REMOVE
X	SIGN - MOVE
	EXISTING SIGN MOUNTED ON SINGLE POST
	MOVE EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
	EXISTING SIGN MOUNTED ON MULTIPLE POSTS
	PROPOSED SIGN MOUNTED ON MULTIPLE POSTS



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING AND MARKING	SHEET 100 E

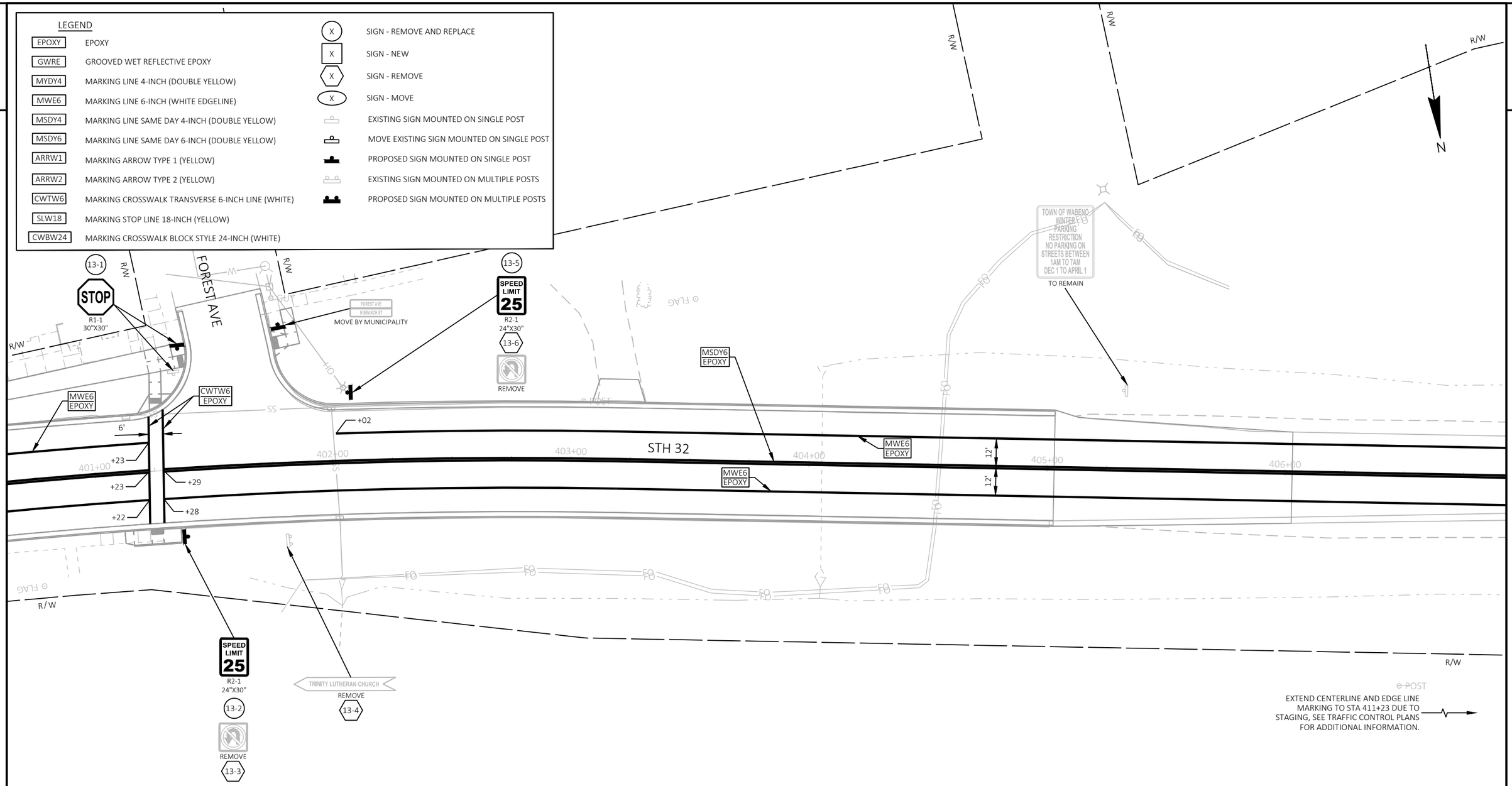
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 12

PLOT DATE : 10/12/2023 7:24 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

EPOXY	EPOXY
GWRE	GROOVED WET REFLECTIVE EPOXY
MYDY4	MARKING LINE 4-INCH (DOUBLE YELLOW)
MWE6	MARKING LINE 6-INCH (WHITE EDGELINE)
MSDY4	MARKING LINE SAME DAY 4-INCH (DOUBLE YELLOW)
MSDY6	MARKING LINE SAME DAY 6-INCH (DOUBLE YELLOW)
ARRW1	MARKING ARROW TYPE 1 (YELLOW)
ARRW2	MARKING ARROW TYPE 2 (YELLOW)
CWTW6	MARKING CROSSWALK TRANSVERSE 6-INCH LINE (WHITE)
SLW18	MARKING STOP LINE 18-INCH (YELLOW)
CWBW24	MARKING CROSSWALK BLOCK STYLE 24-INCH (WHITE)

X	SIGN - REMOVE AND REPLACE
X	SIGN - NEW
X	SIGN - REMOVE
X	SIGN - MOVE
	EXISTING SIGN MOUNTED ON SINGLE POST
	MOVE EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
	EXISTING SIGN MOUNTED ON MULTIPLE POSTS
	PROPOSED SIGN MOUNTED ON MULTIPLE POSTS



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING AND MARKING	SHEET 101	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 13

PLOT DATE : 10/12/2023 7:24 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

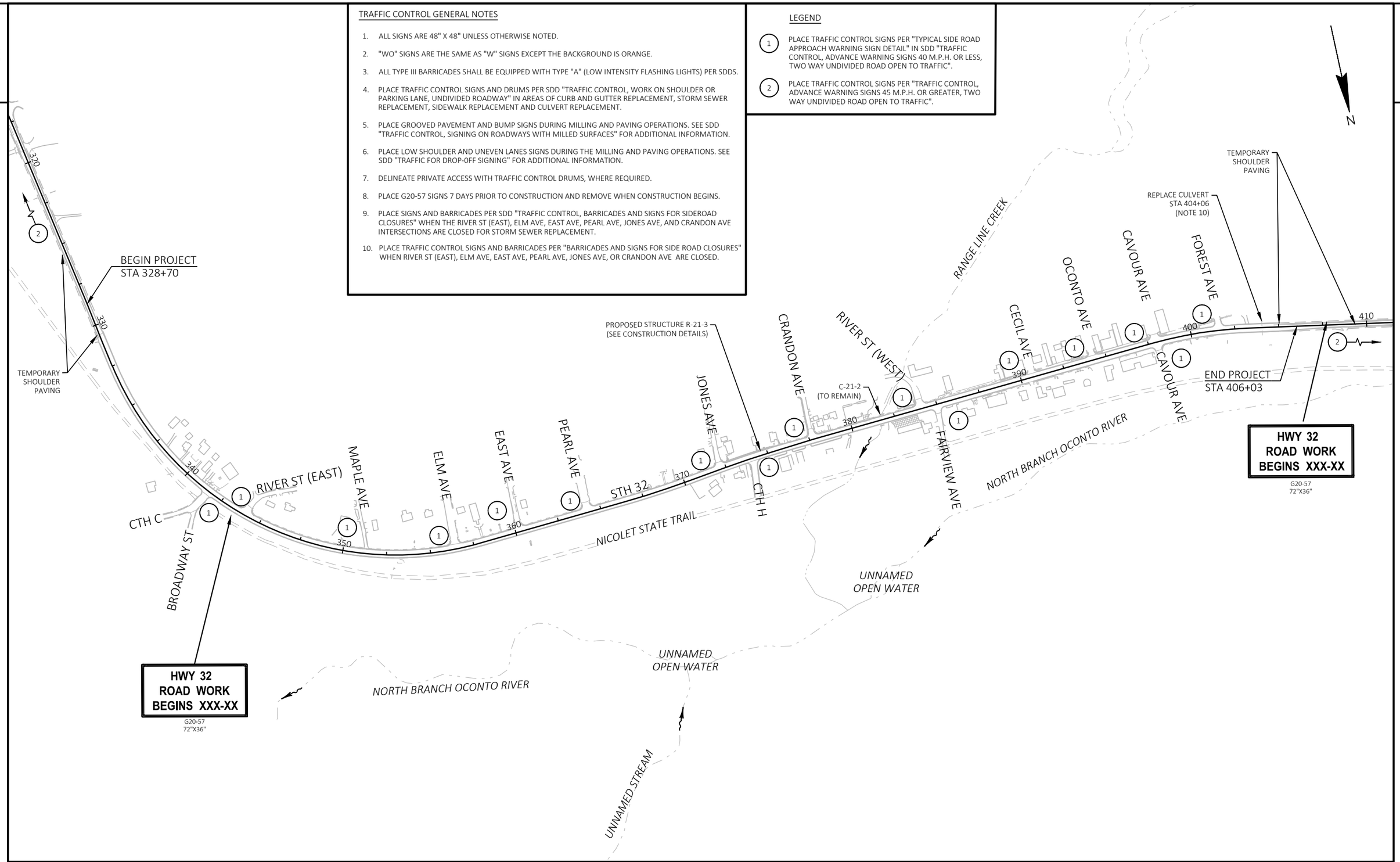
TRAFFIC CONTROL GENERAL NOTES

1. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.
2. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
3. ALL TYPE III BARRICADES SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING LIGHTS) PER SDDS.
4. PLACE TRAFFIC CONTROL SIGNS AND DRUMS PER SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" IN AREAS OF CURB AND GUTTER REPLACEMENT, STORM SEWER REPLACEMENT, SIDEWALK REPLACEMENT AND CULVERT REPLACEMENT.
5. PLACE GROOVED PAVEMENT AND BUMP SIGNS DURING MILLING AND PAVING OPERATIONS. SEE SDD "TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES" FOR ADDITIONAL INFORMATION.
6. PLACE LOW SHOULDER AND UNEVEN LANES SIGNS DURING THE MILLING AND PAVING OPERATIONS. SEE SDD "TRAFFIC FOR DROP-0FF SIGNING" FOR ADDITIONAL INFORMATION.
7. DELINEATE PRIVATE ACCESS WITH TRAFFIC CONTROL DRUMS, WHERE REQUIRED.
8. PLACE G20-57 SIGNS 7 DAYS PRIOR TO CONSTRUCTION AND REMOVE WHEN CONSTRUCTION BEGINS.
9. PLACE SIGNS AND BARRICADES PER SDD "TRAFFIC CONTROL, BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" WHEN THE RIVER ST (EAST), ELM AVE, EAST AVE, PEARL AVE, JONES AVE, AND CRANDON AVE INTERSECTIONS ARE CLOSED FOR STORM SEWER REPLACEMENT.
10. PLACE TRAFFIC CONTROL SIGNS AND BARRICADES PER "BARRICADES AND SIGNS FOR SIDE ROAD CLOSURES" WHEN RIVER ST (EAST), ELM AVE, EAST AVE, PEARL AVE, JONES AVE, OR CRANDON AVE ARE CLOSED.

LEGEND

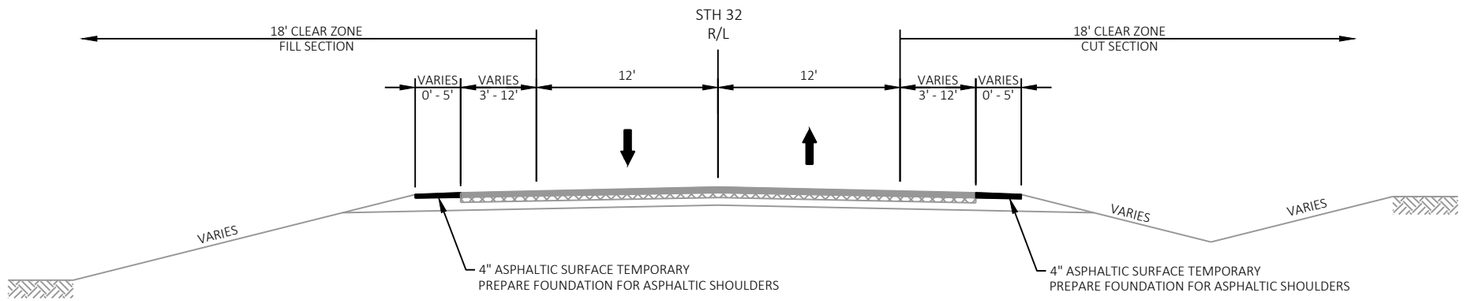
(1) PLACE TRAFFIC CONTROL SIGNS PER "TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL" IN SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC".

(2) PLACE TRAFFIC CONTROL SIGNS PER "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC".



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - OVERVIEW	SHEET 102	E

2



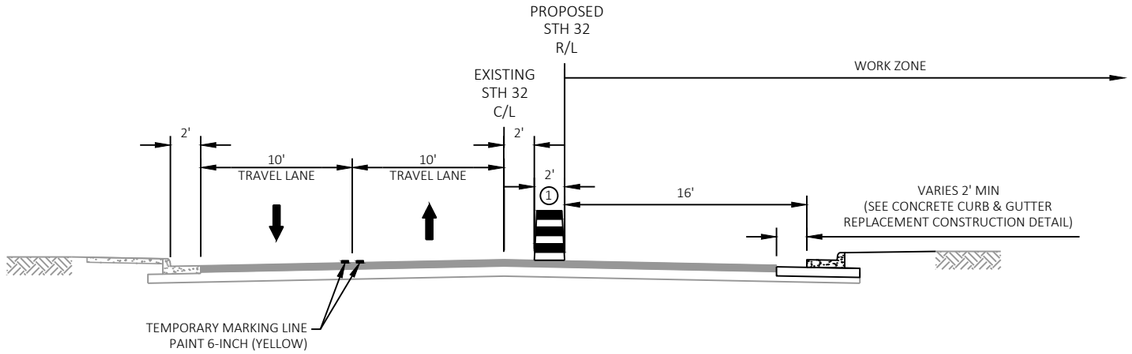
PROPOSED WORK STAGE 1
CONSTRUCT TEMPORARY SHOULDER PAVING FOR TRAFFIC SHIFT, LT & RT
REMOVE AND REPLACE CULVERT AT STA 406+06, LT

STAGE 1 TYPICAL SECTION
STH 32

STA 322+81 - STA 330+31
STA 405+03 - STA 409+34

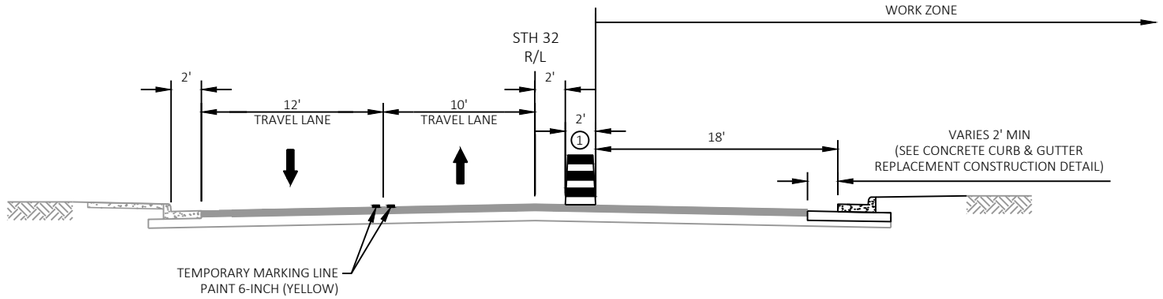
NOTE
ASPHALTIC SURFACE TEMPORARY LAYOUT SHOWN ON STAGE 2A - STAGE 2C AND STAGE 3A - STAGE 3B DETAILS.

2



PROPOSED WORK STAGE 2A
REMOVE EXISTING CURB & GUTTER, RT
STORM SEWER WORK, RT
CONSTRUCT CURB & GUTTER, RT
CONSTRUCT SIDEWALK, RT

STAGE 2A TYPICAL SECTION
STH 32
STA 331+07 - STA 384+46



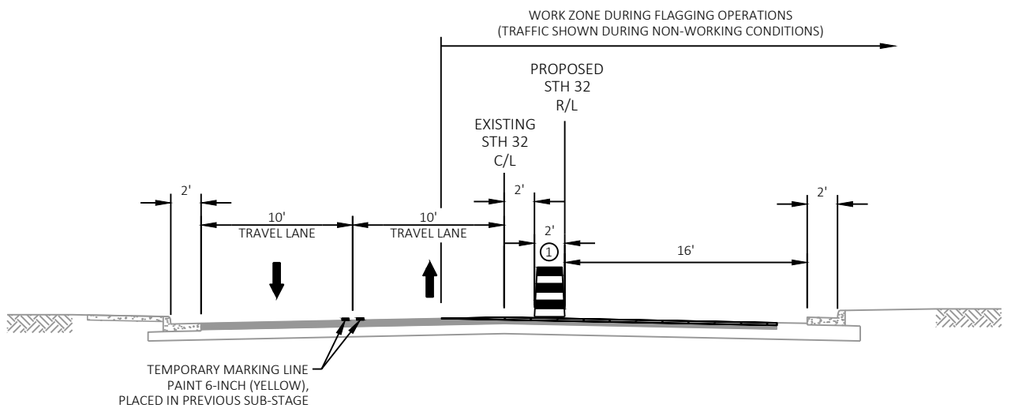
PROPOSED WORK STAGE 2A
REMOVE EXISTING CURB & GUTTER, RT
STORM SEWER WORK, RT
REMOVE AND REPLACE CULVERT, RT
CONSTRUCT CURB & GUTTER, RT
CONSTRUCT SIDEWALK, RT

STAGE 2A TYPICAL SECTION
STH 32
STA 384+46 - STA 405+03

NOTES
THE WORK ZONE AS SHOWN INCLUDES WORKING ROOM AND BUFFER TO LIVE TRAFFIC.

(1) DRUM PLACEMENT SHOWN DURING NON-WORKING HOURS, SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" FOR ADDITIONAL INFORMATION. SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

2

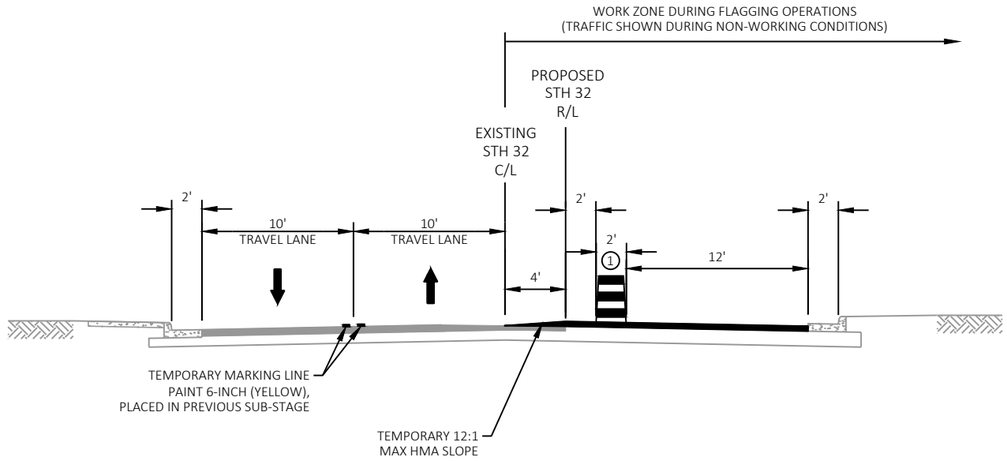


PROPOSED WORK STAGE 2B
MILL 2" OF EXISTING ASPHALT, RT

STAGE 2B TYPICAL SECTION
STH 32
STA 331+07 - STA 384+46

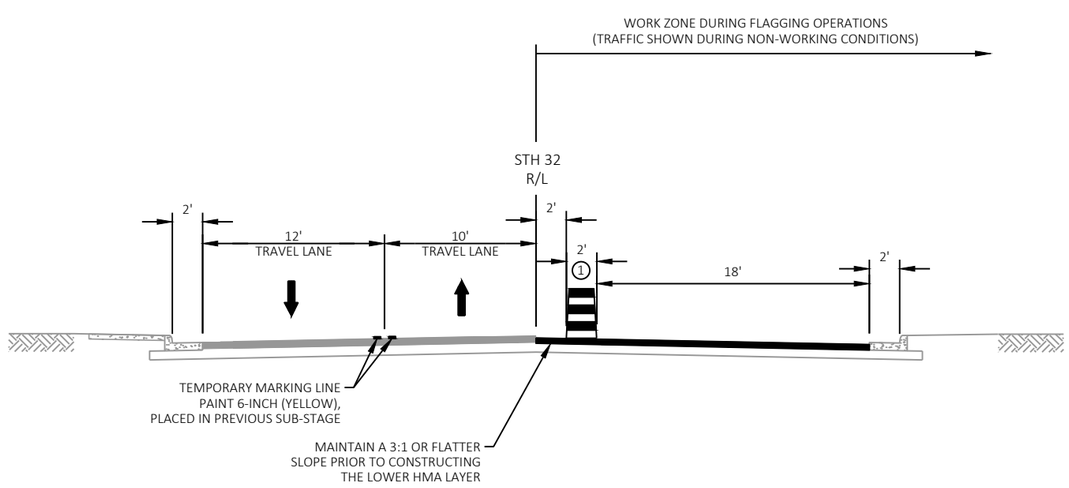
NOTES
THE WORK ZONE AS SHOWN INCLUDES WORKING ROOM AND BUFFER TO LIVE TRAFFIC.

(1) DRUM PLACEMENT SHOWN DURING NON-WORKING HOURS, SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" FOR ADDITIONAL INFORMATION. SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.



PROPOSED WORK STAGE 2C
REMOVING ASPHALTIC SURFACE FULL DEPTH
AND PAVE LOWER LAYER IN SAME DAY, RT

STAGE 2C TYPICAL SECTION
STH 32
STA 331+07 - STA 384+46



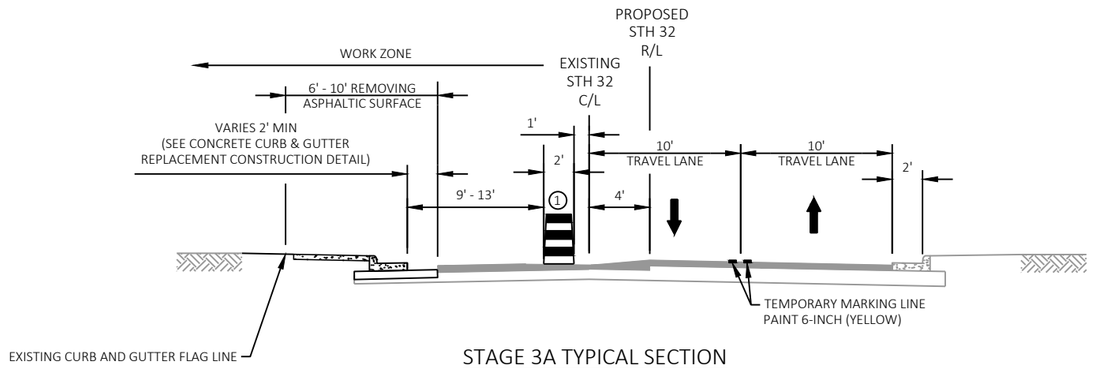
PROPOSED WORK STAGE 2C
REMOVING ASPHALTIC SURFACE FULL DEPTH
AND PAVE LOWER LAYER IN SAME DAY, RT

STAGE 2C TYPICAL SECTION
STH 32
STA 384+46 - STA 405+03

NOTES
THE WORK ZONE AS SHOWN INCLUDES WORKING ROOM AND BUFFER TO LIVE TRAFFIC.

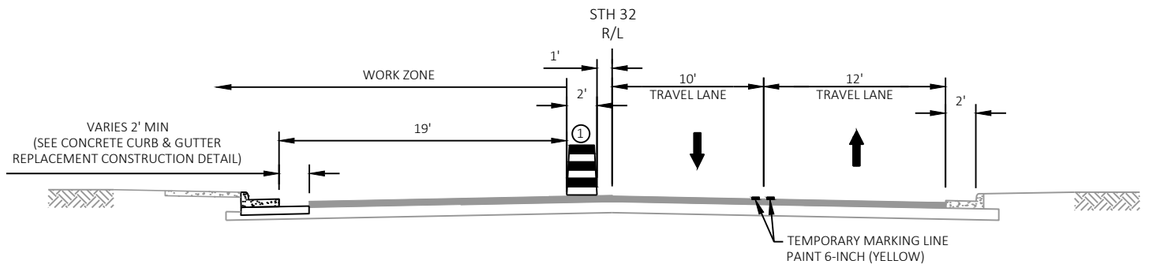
(1) DRUM PLACEMENT SHOWN DURING NON-WORKING HOURS, SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" FOR ADDITIONAL INFORMATION. SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

2



STAGE 3A TYPICAL SECTION
STH 32
STA 331+07 - STA 384+46

PROPOSED WORK STAGE 3A
REMOVE EXISTING CURB & GUTTER, LT
REMOVING ASPHALTIC SURFACE FULL DEPTH OUTER
6' TO 10' OF EXISTING ASPHALT, LT
STORM SEWER WORK, LT
CONSTRUCT R-21-3 RETAINING WALL, LT
CONSTRUCT CURB & GUTTER, LT
CONSTRUCT SIDEWALK, LT



STAGE 3A TYPICAL SECTION
STH 32
STA 384+46 - STA 405+03

PROPOSED WORK STAGE 3A
REMOVE EXISTING CURB & GUTTER, LT
REMOVING ASPHALTIC SURFACE FULL DEPTH OUTER
STORM SEWER WORK, LT
CONSTRUCT CURB & GUTTER, LT
CONSTRUCT SIDEWALK, LT

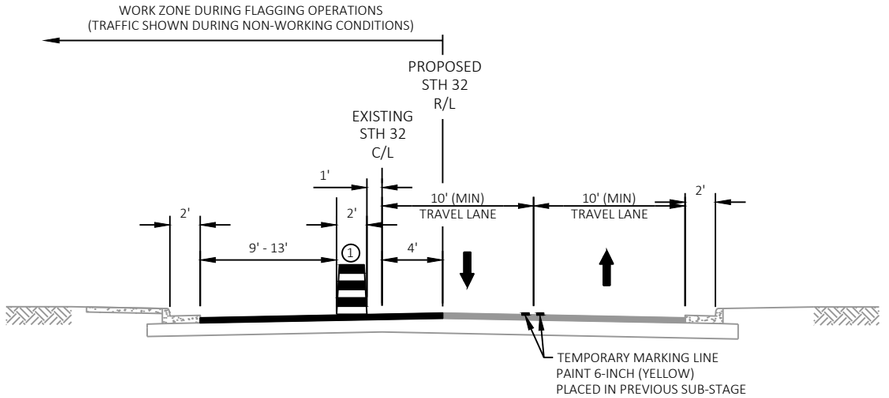
NOTES

THE WORK ZONE AS SHOWN INCLUDES WORKING ROOM AND BUFFER TO LIVE TRAFFIC.

(1) DRUM PLACEMENT SHOWN DURING NON-WORKING HOURS, SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" FOR ADDITIONAL INFORMATION. SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

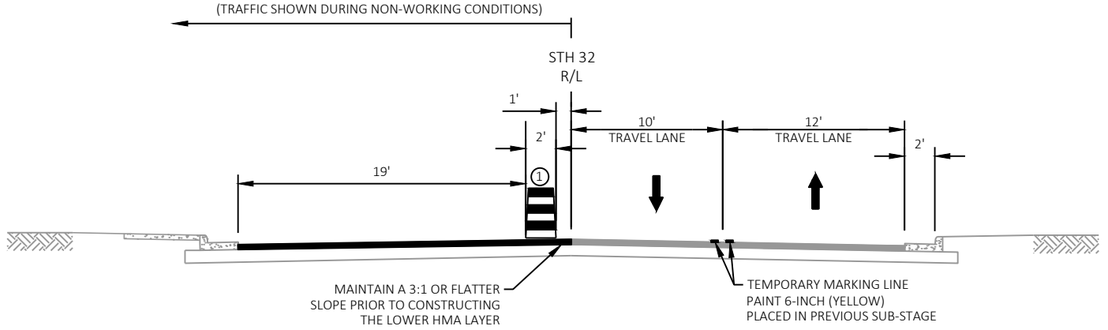
THE PROPOSED CURB AND GUTTER LOCATION VARIES DUE TO THE PARKING LANE BETWEEN STA 357+00 - STA 371+70, LT.

2



PROPOSED WORK STAGE 3B
REMOVING ASPHALTIC SURFACE FULL DEPTH AND PAVE LOWER LAYER IN SAME DAY, LT

STAGE 3B TYPICAL SECTION
STH 32
STA 331+07 - STA 384+46



PROPOSED WORK STAGE 3B
REMOVING ASPHALTIC SURFACE FULL DEPTH
AND PAVE LOWER LAYER, LT

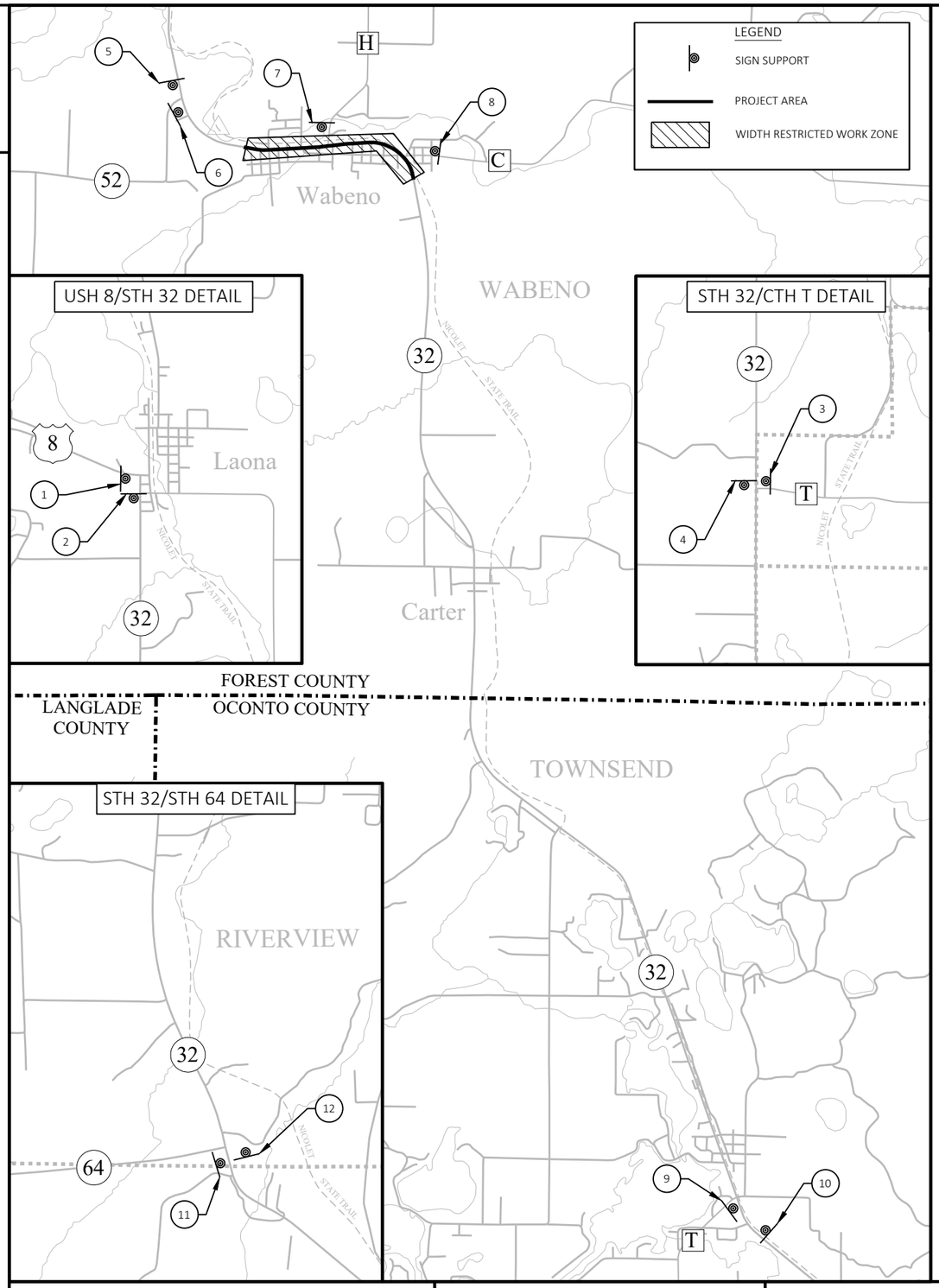
STAGE 3B TYPICAL SECTION
STH 32
STA 384+46 - STA 405+03

NOTES

THE WORK ZONE AS SHOWN INCLUDES WORKING ROOM AND BUFFER TO LIVE TRAFFIC.

(1) DRUM PLACEMENT SHOWN DURING NON-WORKING HOURS, SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" FOR ADDITIONAL INFORMATION. SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

STAGE 4 NOT SHOWN, VARIABLE DEPTH MILL BETWEEN STA 328+70 - STA 331+07 AND STA 405+03 - STA 406+03 AND PLACE 1 3/4-INCH HMA UPPER LAYER THROUGHOUT THE PROJECT LIMITS. PLACE DOUBLE YELLOW TEMPORARY MARKING LINE PAINT 6-INCH ALONG STH 32 REFERENCE LINE PRIOR TO STAGE 4.



N

NOTES FOR WIDTH RESTRICTION SIGNING

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

* PLACE SIGN M1-6 AND M3-1 OR M3-3 WHEN ASSEMBLY IS MOUNTED ON ALL ROADWAYS OTHER THAN STH 32. (1) (3) (6) (7) (8) (9) (11)

** PLACE SIGN M3-1 ON THE FOLLOWING ASSEMBLIES. (9) (11)

*** PLACE SIGN M3-3 ON THE FOLLOWING ASSEMBLIES. (1) (3) (6)

DURING STAGE 4, MAINTAIN 16-FEET CLEAR WIDTH DURING FLAGGING OPERATIONS .

1	USH 8 / STH 32 INTERSECTION - 8 1/2 MILES AHEAD
2	STH 32 / USH 8 INTERSECTION - 8 1/2 MILES AHEAD
3	CTH T / STH 32 INTERSECTION - 5 1/2 MILES AHEAD
4	STH 32 / CTH T INTERSECTION - 5 1/2 MILES AHEAD
5	STH 32 / STH 52 INTERSECTION - 1/2 MILES AHEAD
6	STH 52 / STH 32 INTERSECTION - 1/2 MILES AHEAD
7	CTH H / STH 32 INTERSECTION - (WO57-52 NOT REQUIRED)
8	CTH C / STH 32 INTERSECTION - (WO57-52 NOT REQUIRED)
9	CTH T / STH 32 INTERSECTION - 8 1/2 MILES AHEAD
10	STH 32 / CTH T INTERSECTION - 8 1/2 MILES AHEAD
11	STH 64 / STH 32 INTERSECTION - 19 MILES AHEAD
12	STH 32 / STH 64 INTERSECTION - 19 MILES AHEAD

** NORTH
M3-1
24"X12"

*** SOUTH
M3-3
24"X12"

* 32
M1-6B
24"X24"

MAX. 10' WIDTH
W12-52
48"X48"

XX MILES AHEAD
WO57-52
48"X36"

PLACE ABOVE SIGNS AT ALL LOCATIONS DURING STAGE 1, STAGE 2 AND STAGE 3

2

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - WIDTH RESTRICTIONS	SHEET 109	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\025002-TC.DWG
LAYOUT NAME - 01
PLOT DATE : 10/12/2023 10:10 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:1 MI
WISDOT/CADDS SHEET 42

2

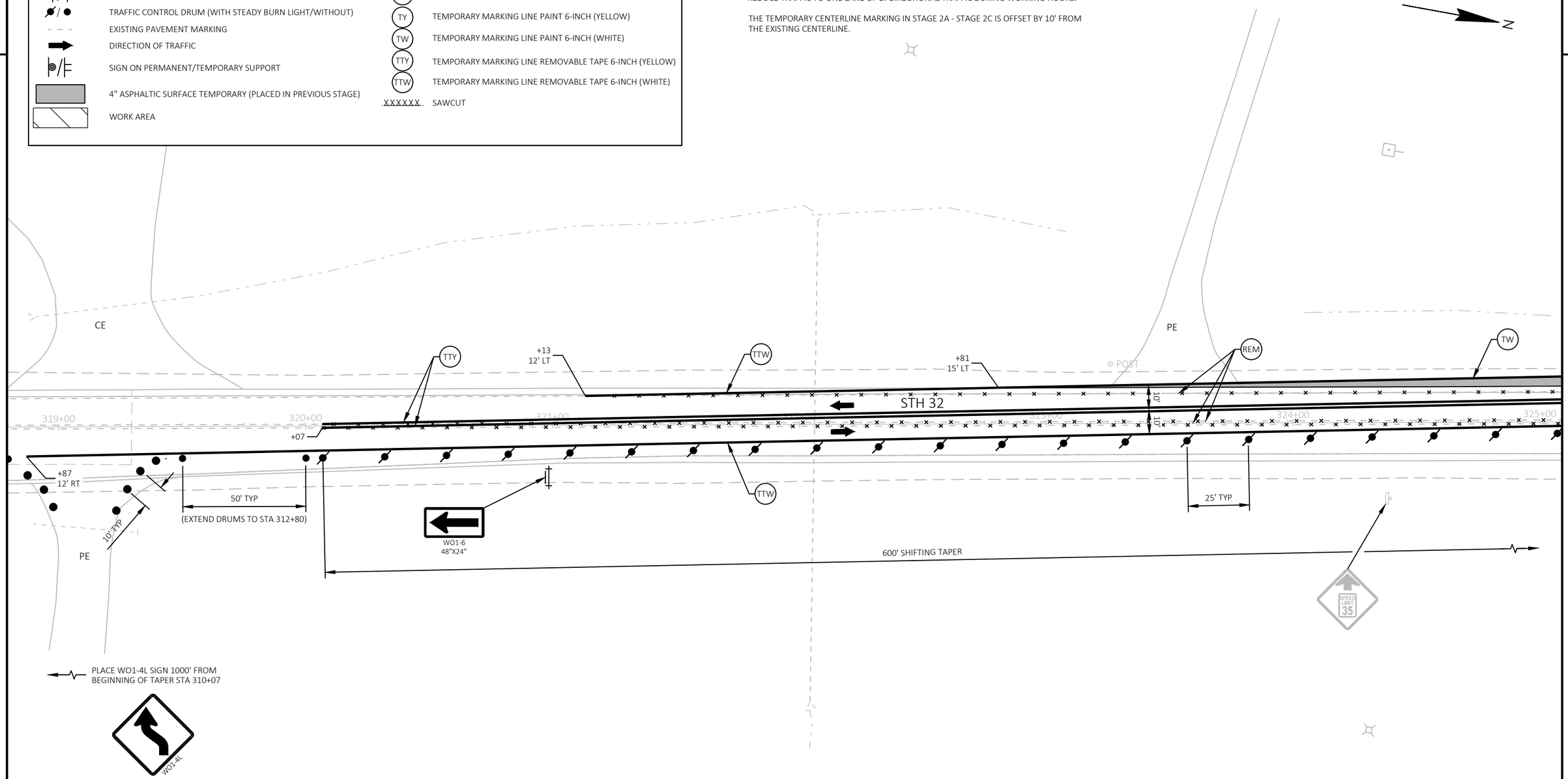
LEGEND

- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITH STEADY BURN LIGHT/WITHOUT)
- EXISTING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- SIGN ON PERMANENT/TEMPORARY SUPPORT
- 4" ASPHALTIC SURFACE TEMPORARY (PLACED IN PREVIOUS STAGE)
- WORK AREA
- (REM) MARKING REMOVAL LINE 6-INCH
- (TY) TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
- (TW) TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
- (TTY) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- (TTW) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- XXXXXX SAWCUT

NOTE

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

THE TEMPORARY CENTERLINE MARKING IN STAGE 2A - STAGE 2C IS OFFSET BY 10' FROM THE EXISTING CENTERLINE.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TRAFFIC SHIFT STAGE 2B - STAGE 2C	SHEET 110	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\025101-TC.DWG
LAYOUT NAME - 01

PLOT DATE : 10/19/2023 10:21 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

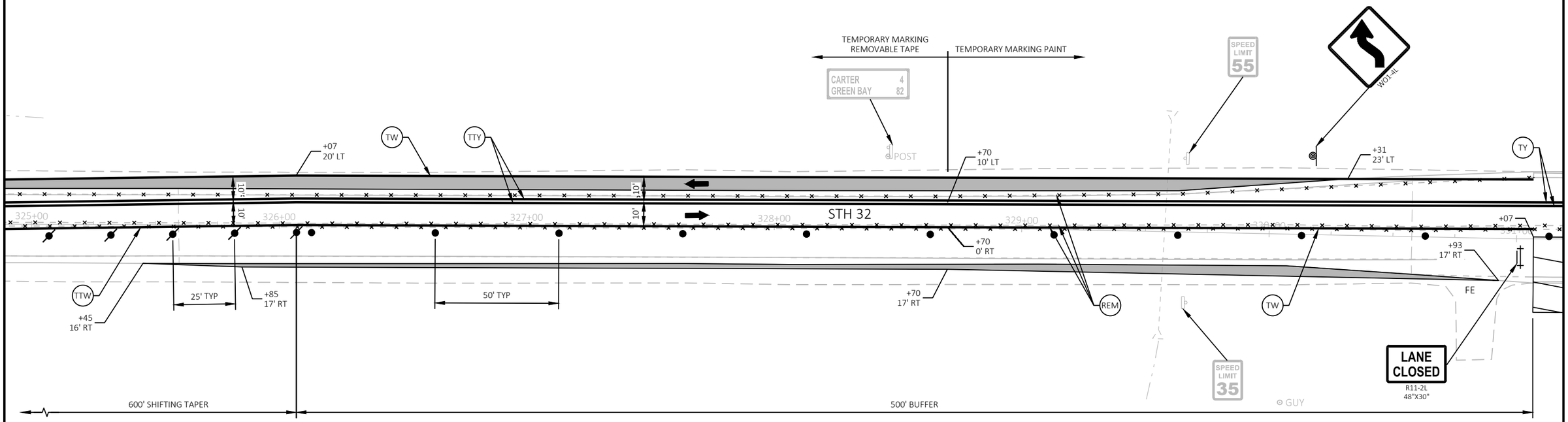
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITH STEADY BURN LIGHT/WITHOUT)
- EXISTING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- SIGN ON PERMANENT/TEMPORARY SUPPORT
- 4" ASPHALTIC SURFACE TEMPORARY (PLACED IN PREVIOUS STAGE)
- WORK AREA
- (REM) MARKING REMOVAL LINE 6-INCH
- (TY) TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
- (TW) TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
- (TTY) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- (TTW) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- XXXXXX SAWCUT

NOTE

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

THE TEMPORARY CENTERLINE MARKING IN STAGE 2A - STAGE 2C IS OFFSET BY 10' FROM THE EXISTING CENTERLINE.

N



SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR STAGING INFORMATION FROM STA 331+07 TO STA 405+03

NICOLET STATE TRAIL

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TRAFFIC SHIFT STAGE 2B - STAGE 2C	SHEET 111	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\025101-TC.DWG
LAYOUT NAME - 02
PLOT DATE : 10/19/2023 10:21 AM
PLOT BY : DREW NELSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITH STEADY BURN LIGHT/WITHOUT)
- EXISTING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- SIGN ON PERMANENT/TEMPORARY SUPPORT
- 4" ASPHALTIC SURFACE TEMPORARY (PLACED IN PREVIOUS STAGE)
- WORK AREA
- REM — MARKING REMOVAL LINE 6-INCH
- TY — TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
- TW — TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
- TTY — TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- TTW — TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- XXXXXX — SAWCUT

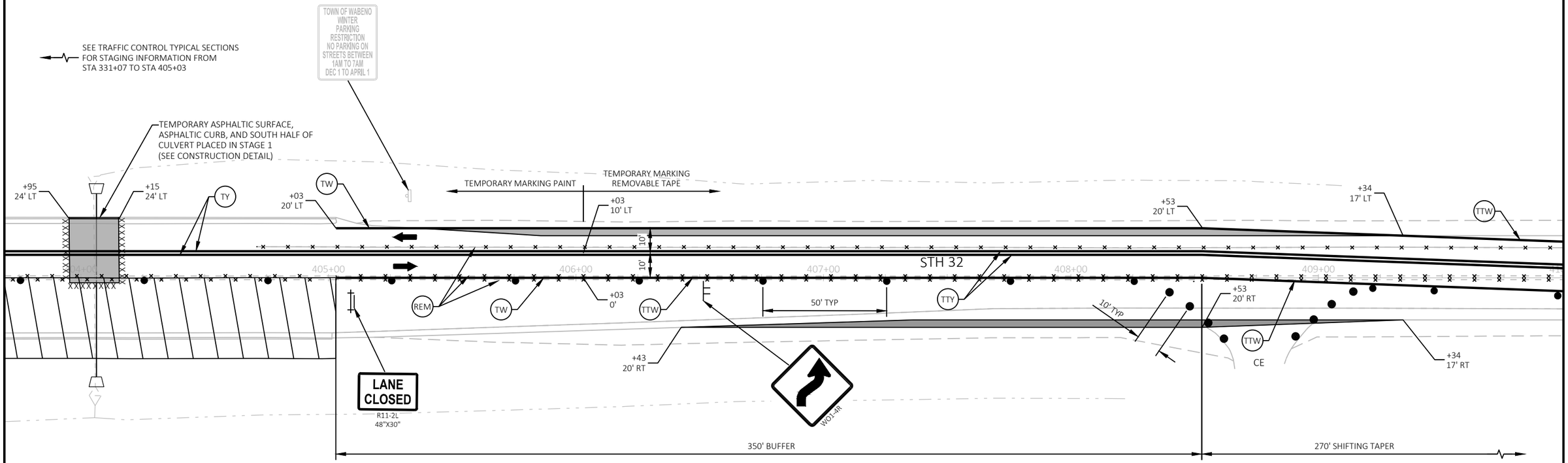
NOTE

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

THE TEMPORARY CENTERLINE MARKING IN STAGE 2A - STAGE 2C IS OFFSET BY 10' FROM THE EXISTING CENTERLINE.

REPLACE CULVERT AT STA 404+06 PRIOR TO REMOVING THE ASPHALT AND CURB AND GUTTER ON THE RIGHT SIDE OF THE ROADWAY. SEE CONSTRUCTION DETAILS FOR TYPICAL SECTION IN TRAFFIC MAINTENANCE AFTER THE CULVERT REPLACEMENT IS COMPLETE.

N



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TRAFFIC SHIFT STAGE 2B - STAGE 2C	SHEET 112	E

LEGEND

- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITH STEADY BURN LIGHT/WITHOUT)
- EXISTING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- SIGN ON PERMANENT/TEMPORARY SUPPORT
- 4" ASPHALTIC SURFACE TEMPORARY (PLACED IN PREVIOUS STAGE)
- WORK AREA
- REM — MARKING REMOVAL LINE 6-INCH
- TY — TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
- TW — TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
- TTY — TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- TTW — TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- XXXXXX — SAWCUT

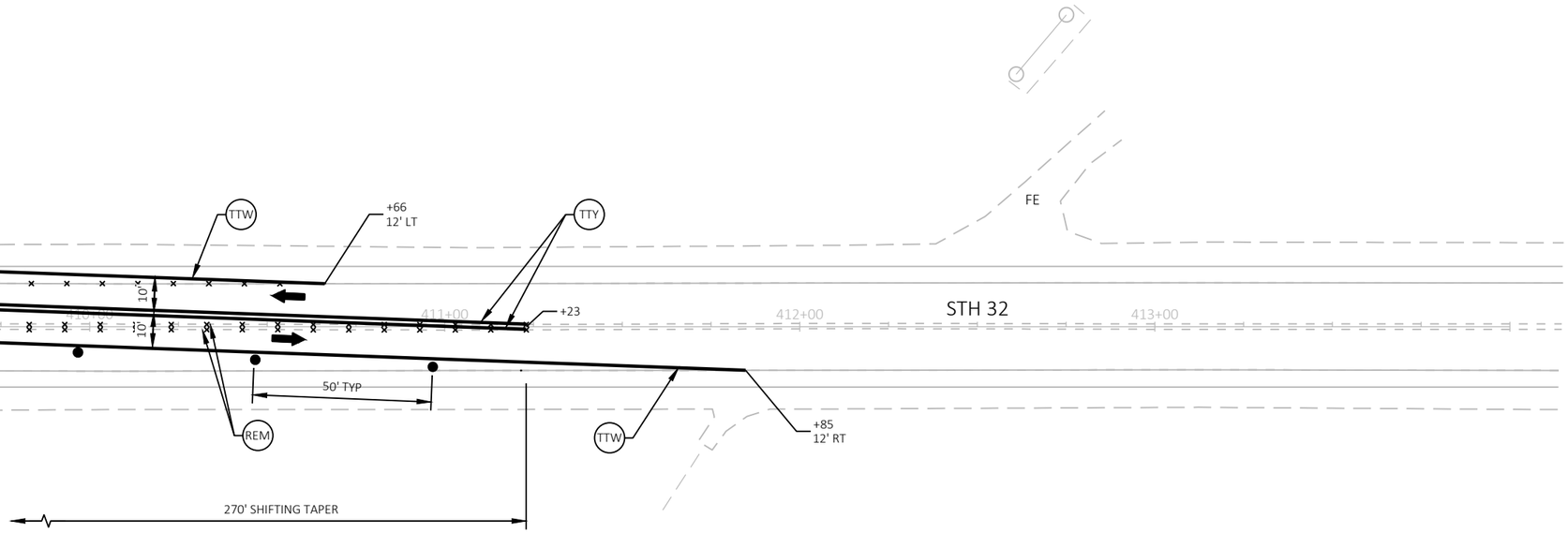
NOTE

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

THE TEMPORARY CENTERLINE MARKING IN STAGE 2A - STAGE 2C IS OFFSET BY 10' FROM THE EXISTING CENTERLINE.

N

PLACE WO1-4R SIGN 1000' FROM BEGINNING OF TAPER
STA 421+23



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TRAFFIC SHIFT STAGE 2B - STAGE 2C	SHEET 113	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\025101-TC.DWG
LAYOUT NAME - 04

PLOT DATE : 10/19/2023 10:21 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

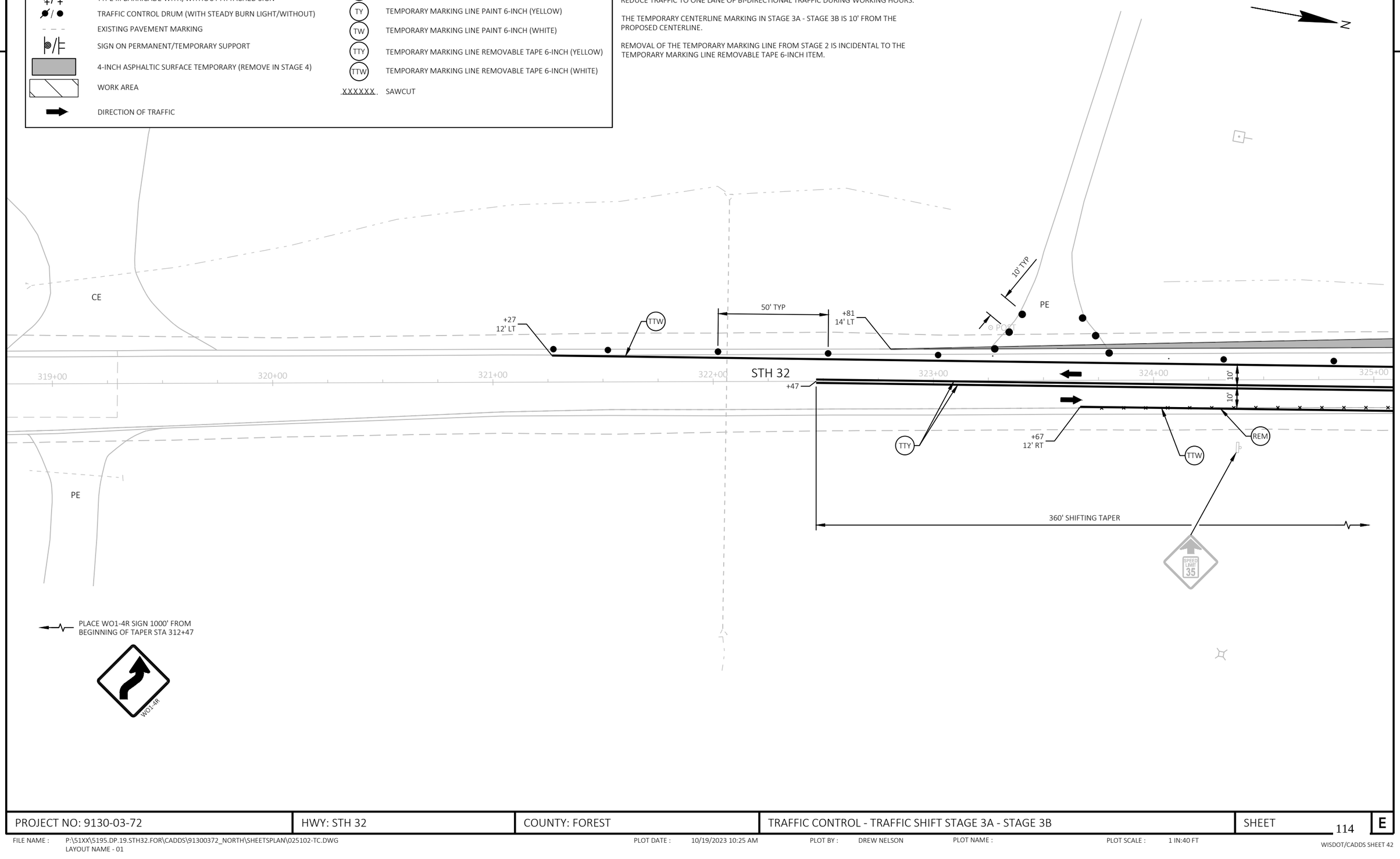
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITH STEADY BURN LIGHT/WITHOUT)
- EXISTING PAVEMENT MARKING
- SIGN ON PERMANENT/TEMPORARY SUPPORT
- 4-INCH ASPHALTIC SURFACE TEMPORARY (REMOVE IN STAGE 4)
- WORK AREA
- DIRECTION OF TRAFFIC
- (REM) MARKING REMOVAL LINE 6-INCH
- (TY) TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
- (TW) TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
- (TTY) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- (TTW) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- XXXXXX SAWCUT

NOTES

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

THE TEMPORARY CENTERLINE MARKING IN STAGE 3A - STAGE 3B IS 10' FROM THE PROPOSED CENTERLINE.

REMOVAL OF THE TEMPORARY MARKING LINE FROM STAGE 2 IS INCIDENTAL TO THE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH ITEM.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TRAFFIC SHIFT STAGE 3A - STAGE 3B	SHEET 114	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 01

PLOT DATE : 10/19/2023 10:25 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITH STEADY BURN LIGHT/WITHOUT)
- EXISTING PAVEMENT MARKING
- SIGN ON PERMANENT/TEMPORARY SUPPORT
- 4-INCH ASPHALTIC SURFACE TEMPORARY (REMOVE IN STAGE 4)
- WORK AREA
- DIRECTION OF TRAFFIC
- (REM) MARKING REMOVAL LINE 6-INCH
- (TY) TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
- (TW) TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
- (TTY) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- (TTW) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- XXXXXX SAWCUT

NOTES

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

THE TEMPORARY CENTERLINE MARKING IN STAGE 3A - STAGE 3B IS 10' FROM THE PROPOSED CENTERLINE.

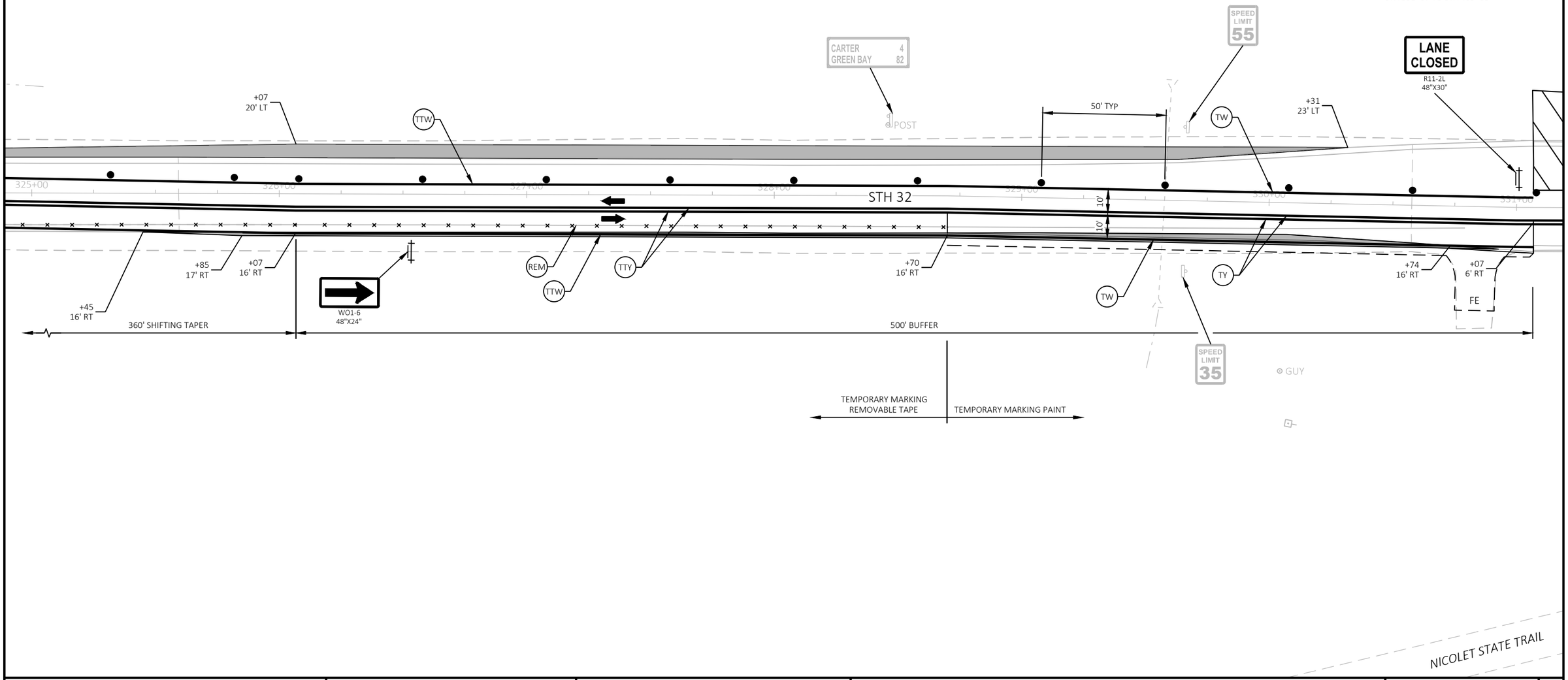
REMOVAL OF THE TEMPORARY MARKING LINE FROM STAGE 2 IS INCIDENTAL TO THE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH ITEM.

N

WO1-4R

PLACE WO1-4R SIGN 350' FROM BEGINNING OF TAPER STA 334+57

SEE TRAFFIC CONTROL TYPICAL SECTIONS FOR STAGING INFORMATION FROM STA 331+07 TO STA 405+03



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TRAFFIC SHIFT STAGE 3A - STAGE 3B	SHEET 115	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 02

PLOT DATE : 10/19/2023 10:25 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITH STEADY BURN LIGHT/WITHOUT)
- EXISTING PAVEMENT MARKING
- SIGN ON PERMANENT/TEMPORARY SUPPORT
- 4-INCH ASPHALTIC SURFACE TEMPORARY (REMOVE IN STAGE 4)
- WORK AREA
- DIRECTION OF TRAFFIC
- REM — MARKING REMOVAL LINE 6-INCH
- TY — TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
- TW — TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
- TTY — TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- TTW — TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- XXXXXX — SAWCUT

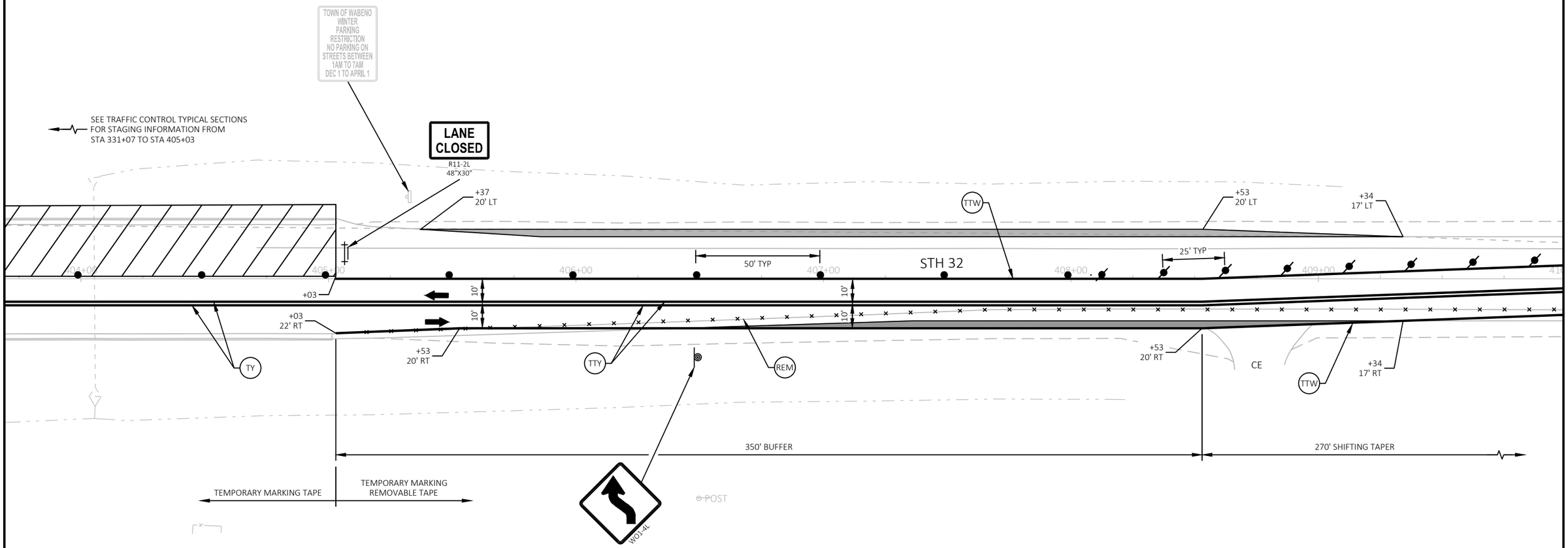
NOTES

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

THE TEMPORARY CENTERLINE MARKING IN STAGE 3A - STAGE 3B IS 10' FROM THE PROPOSED CENTERLINE.

REMOVAL OF THE TEMPORARY MARKING LINE FROM STAGE 2 IS INCIDENTAL TO THE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH ITEM.

N



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TRAFFIC SHIFT STAGE 3A - STAGE 3B	SHEET 116	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 03

PLOT DATE : 10/19/2023 10:25 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUM (WITH STEADY BURN LIGHT/WITHOUT)
- EXISTING PAVEMENT MARKING
- SIGN ON PERMANENT/TEMPORARY SUPPORT
- 4-INCH ASPHALTIC SURFACE TEMPORARY (REMOVE IN STAGE 4)
- WORK AREA
- DIRECTION OF TRAFFIC
- REM — MARKING REMOVAL LINE 6-INCH
- TY — TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
- TW — TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
- TTY — TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- TTW — TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- XXXXXX — SAWCUT

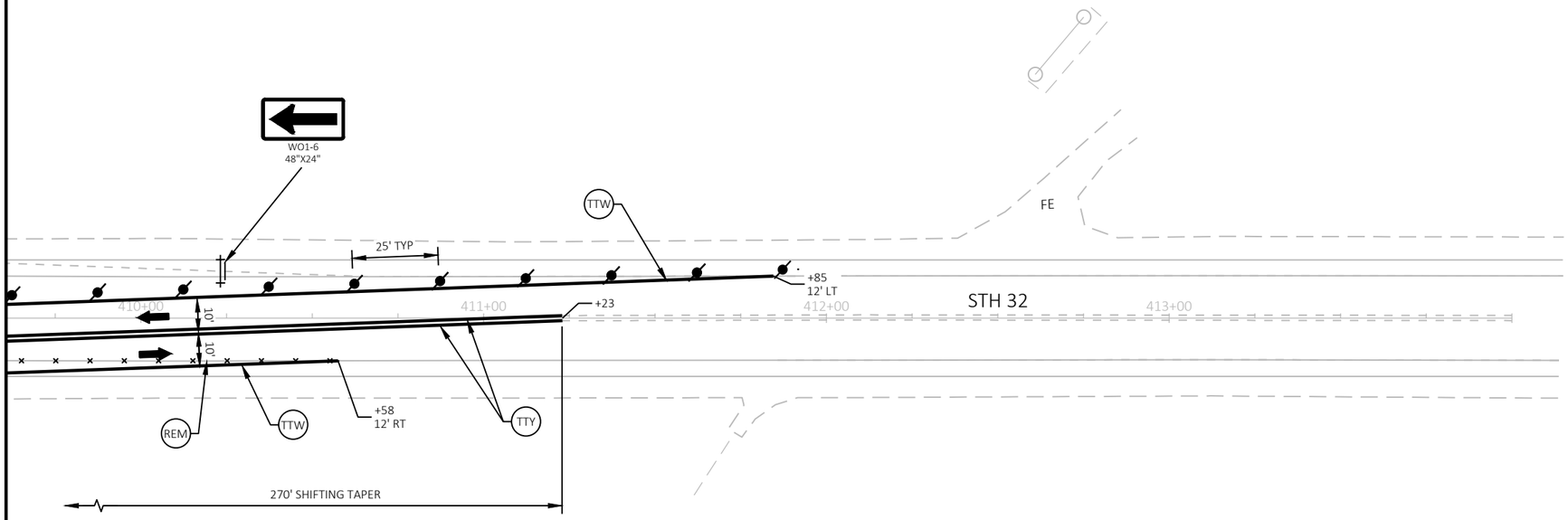
NOTES

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

THE TEMPORARY CENTERLINE MARKING IN STAGE 3A - STAGE 3B IS 10' FROM THE PROPOSED CENTERLINE.

REMOVAL OF THE TEMPORARY MARKING LINE FROM STAGE 2 IS INCIDENTAL TO THE TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH ITEM.

N



PLACE WO1-4R SIGN 1000' FROM BEGINNING OF TAPER STA 421+23

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TRAFFIC SHIFT STAGE 3A - STAGE 3B	SHEET 117	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 04

PLOT DATE : 10/19/2023 10:25 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- WORK ZONE STAGE 2A-1
- WORK ZONE STAGE 2A-2
- TEMPORARY PEDESTRIAN CURB RAMP
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT STEADY BURN LIGHT)
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- SIGN ON PERMANENT/TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- (TY) TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
- (TTY) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- (TTW) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- (TXW) TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH (WHITE)
- (TM) TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH
- (REM) MARKING REMOVAL LINE 6-INCH

NOTES

DETAILS SHOW ANTICIPATED STAGING FOR CURB RAMP REPLACEMENTS.

SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

SIDE ROAD TRAFFIC APPROACHING STH 32 SHALL BE SHIFTED TO ACCOMMODATE THE WORK ZONE FOR EACH CURB RAMP BEING CONSTRUCTED. EACH INTERSECTION WILL NEED TO BE BUILT IN SUB-STAGES AS SHOWN . SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY".

EXISTING SIGNS ARE NOT SHOWN.

N

JONES AVE

372+00 373+00 374+00

50' TYP.

10' 10' TYP.

15' TYP.

5'

11' 11' 11'

12' 12'

25'

TLE R/W PLE

PROPOSED R/W

CTH H

LANE CLOSED
R11-2L
48"X30"

M4-60R
30"X24"

TEMPORARY CURB RAMP
WIDTH=5'
LENGTH=6'
TOP EL.=1548.88
BOT. EL.=1548.58

TY TXW TTW TTY REM

WO1-6
48"X24"

PLACE TRAFFIC CONTROL DEVICES, TEMPORARY MARKING AND MARKING REMOVAL. SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC".
TEMPORARY LANE SHIFT = 250'
SHIFTING TAPER LENGTH = 135'

STAGE 2A-1

PLACE TRAFFIC CONTROL DEVICES AND TEMPORARY MARKING. SEE SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC".
TEMPORARY LANE SHIFT IS 250'
SHIFTING TAPER LENGTH IS 135'

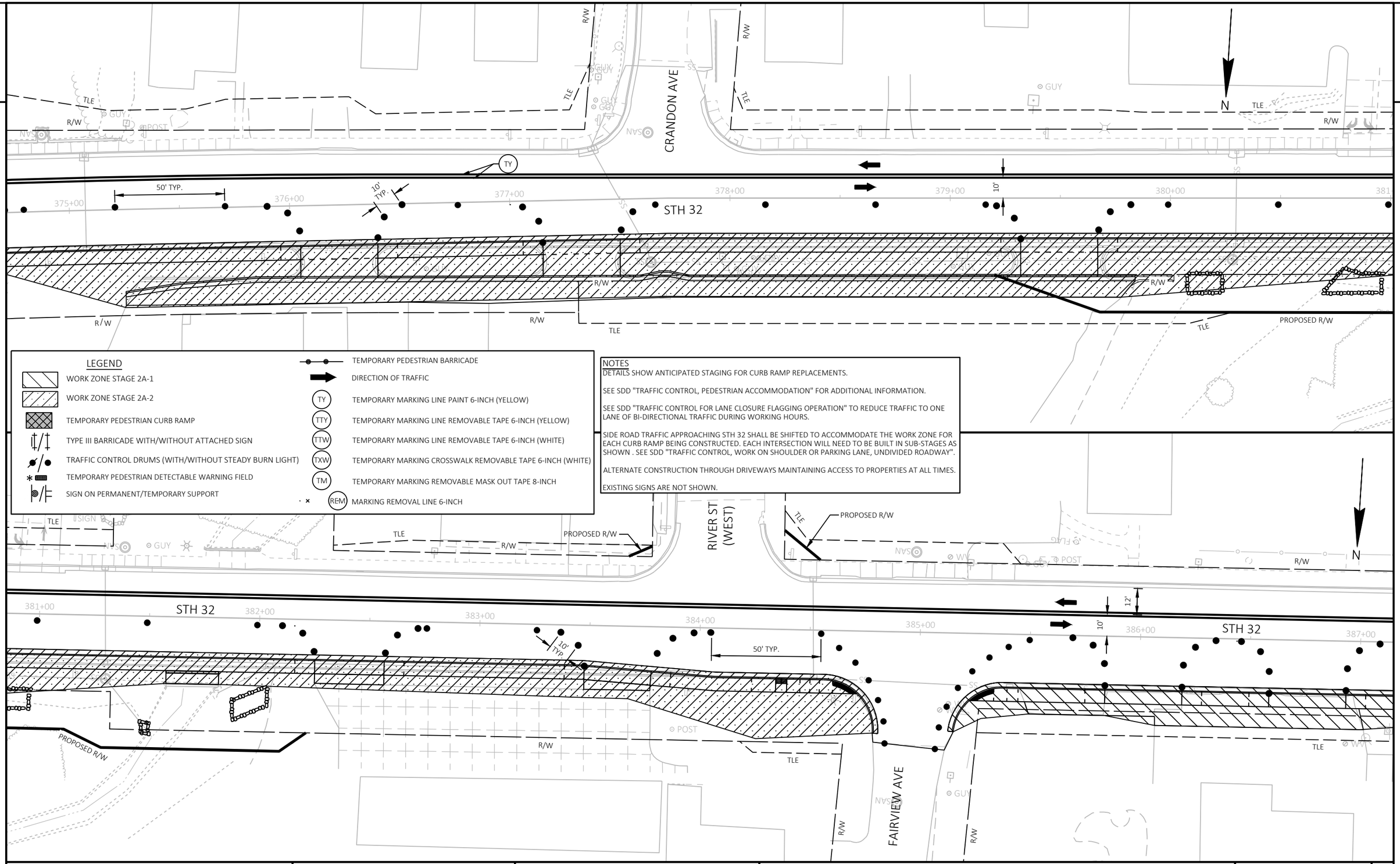
STAGE 2A-2

2

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TEMPORARY PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 118	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\025103-TC.DWG
LAYOUT NAME - 01
PLOT DATE : 10/19/2023 10:29 AM
PLOT BY : DREW NELSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2



LEGEND

- WORK ZONE STAGE 2A-1
- WORK ZONE STAGE 2A-2
- TEMPORARY PEDESTRIAN CURB RAMP
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT STEADY BURN LIGHT)
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- SIGN ON PERMANENT/TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- (TY) TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
- (TTY) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- (TTW) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- (TXW) TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH (WHITE)
- (TM) TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH
- (REM) MARKING REMOVAL LINE 6-INCH

NOTES

DETAILS SHOW ANTICIPATED STAGING FOR CURB RAMP REPLACEMENTS.

SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

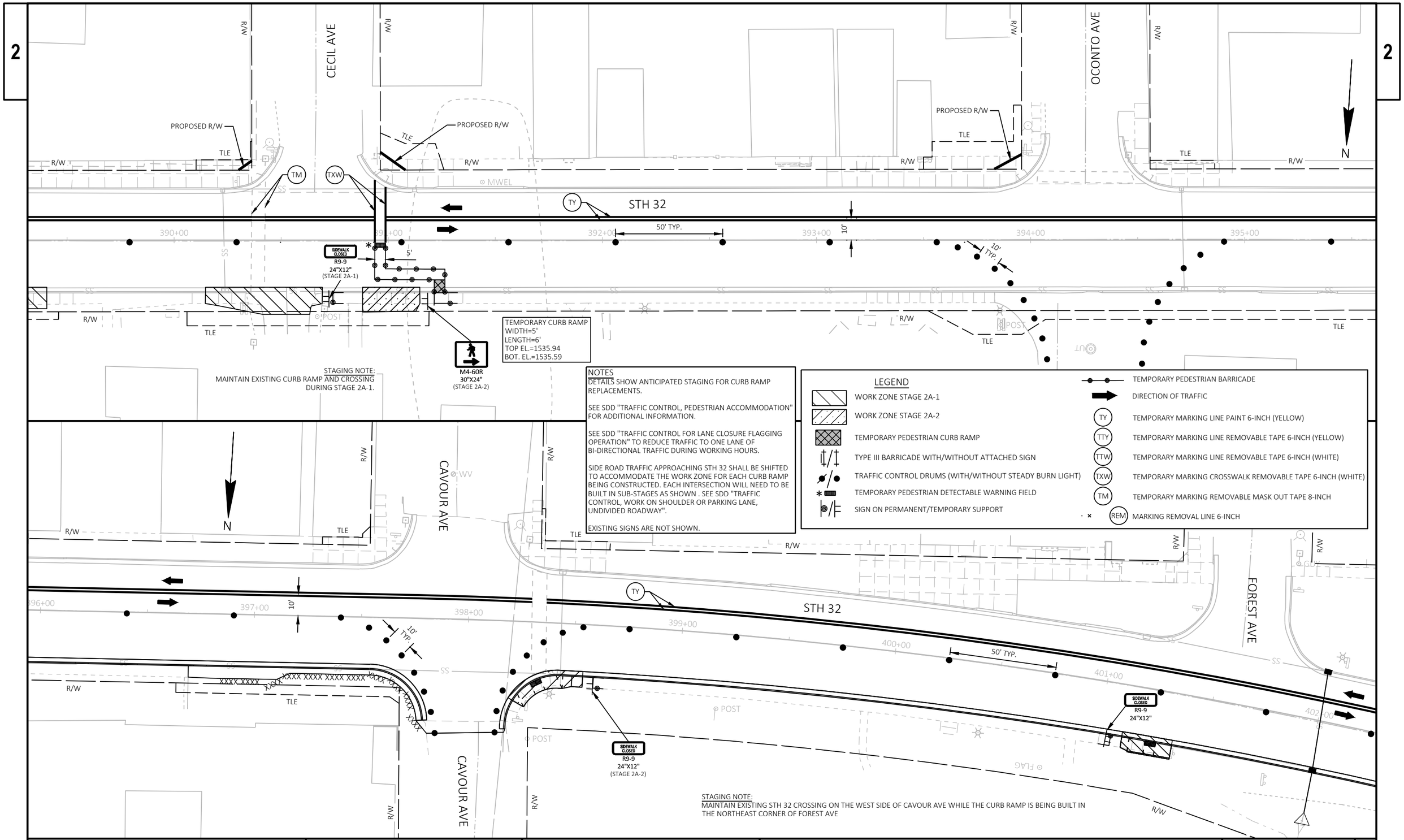
SIDE ROAD TRAFFIC APPROACHING STH 32 SHALL BE SHIFTED TO ACCOMMODATE THE WORK ZONE FOR EACH CURB RAMP BEING CONSTRUCTED. EACH INTERSECTION WILL NEED TO BE BUILT IN SUB-STAGES AS SHOWN . SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY".

ALTERNATE CONSTRUCTION THROUGH DRIVEWAYS MAINTAINING ACCESS TO PROPERTIES AT ALL TIMES.

EXISTING SIGNS ARE NOT SHOWN.

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TEMPORARY PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 119	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\025103-TC.DWG
LAYOUT NAME - 02
PLOT DATE : 10/19/2023 10:29 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TEMPORARY PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 120	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\025103-TC.DWG
LAYOUT NAME - 03
PLOT DATE : 10/19/2023 10:29 AM
PLOT BY : DREW NELSON
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

NOTES
EXISTING SIDEWALK SHALL REMAIN OPEN FROM PEARL AVE TO STA 371+00, LT DURING STAGE 3A-1. A TEMPORARY CURB RAMP WILL CROSS PEDESTRIANS TO THE NORTH SIDE OF STH 32 AT STA 371+00 TO MAINTAIN CONNECTIVITY ON THE PREVIOUSLY CONSTRUCTED SIDEWALK IN STAGE 2. SEE 'TRAFFIC CONTROL - STAGE 3A PEDESTRIAN ACCOMMODATIONS' PLAN SHEETS FOR MORE DETAIL.

SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITION INFORMATION

SHUTTLE SERVICE IN PLACE DURING STAGE 3A-2.

CTH C
RIVER ST (EAST)
BROADWAY ST
MAPLE AVE
ELM AVE
EAST AVE
PEARL AVE
350
360
370
STH 32
NICOLET STATE TRAIL
N

LEGEND
TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
SIGN ON PERMANENT/TEMPORARY SUPPORT
WORK ZONE STAGE 3A-1
WORK ZONE STAGE 3A-2

JONES AVE
CRANDON AVE
RIVER ST (WEST)
CECIL AVE
OCONTO AVE
CAVOUR AVE
FOREST AVE
380
390
400
CTH H
SEE STAGE 3A DETAILS
FAIRVIEW AVE
NICOLET STATE TRAIL
NORTH BRANCH OCONTO RIVER
SEE STAGE 3A DETAILS
N

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - OVERVIEW - STAGE 3 PEDESTRIAN ACCOMMODATIONS	SHEET 121	E

STAGING NOTE:
PEDESTRIAN DETOUR ROUTE SHALL ROUTE PEDESTRIANS DOWN PEARL AVE DURING STAGE 3A-1. EXISTING SIDEWALK SHALL REMAIN OPEN FROM PEARL AVE TO JONES AVE DURING THIS TIME. TEMPORARY PEDESTRIAN ACCOMMODATIONS PROVIDED FOR STH 32 CROSSING. ONCE CURB RAMP ON THE EAST SIDE OF JONES AVE IS COMPLETE, THE TEMPORARY CURB RAMP IS NO LONGER NEEDED.

ALL PEDESTRIAN TRAFFIC SHALL BE ROUTED TO THE NORTH SIDE OF STH 32 DURING STAGE 3A WHILE SIDEWALK IS BEING CONSTRUCTED FROM JONES AVE TO RIVER ST.

TEMPORARY CURB RAMP
WIDTH=5'
LENGTH=6'
TOP EL.=1564.29
BOT. EL.=1563.99

M4-60R
30"X24"
(STAGE 3A-1)

JONES AVE

STH 32

50' TYP.

15' TYP.

5'

4'

10'

TLE

R/W

PROPOSED R/W

LEGEND

- WORK ZONE STAGE 3A-1
- WORK ZONE STAGE 3A-2
- TEMPORARY PEDESTRIAN CURB RAMP
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT STEADY BURN LIGHT)
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- SIGN ON PERMANENT/TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- (TY) TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
- (TTY) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- (TTW) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- (TXW) TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH (WHITE)
- (TM) TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH
- (REM) MARKING REMOVAL LINE 4-INCH

NOTES

DETAILS SHOW ANTICIPATED STAGING FOR CURB RAMP REPLACEMENTS.

SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

SIDE ROAD TRAFFIC APPROACHING STH 32 SHALL BE SHIFTED TO ACCOMMODATE THE WORK ZONE FOR EACH CURB RAMP BEING CONSTRUCTED. EACH INTERSECTION WILL NEED TO BE BUILT IN SUB-STAGES AS SHOWN BY THE DIFFERENT HATCH PATTERNS. SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY".

* TEMPORARY PEDESTRIAN ACCOMMODATIONS ONLY FOR WHEN SHUTTLE SERVICE IS NOT IN USE.

EXISTING SIGNS ARE NOT SHOWN.

CTH H

RIVER ST (WEST)

FAIRVIEW AVE

TEMPORARY CURB RAMP
WIDTH=5'
LENGTH=6'
TOP EL.=1532.22
BOT. EL.=1531.96

M4-60L
30"X24"
(STAGE 3A-1)

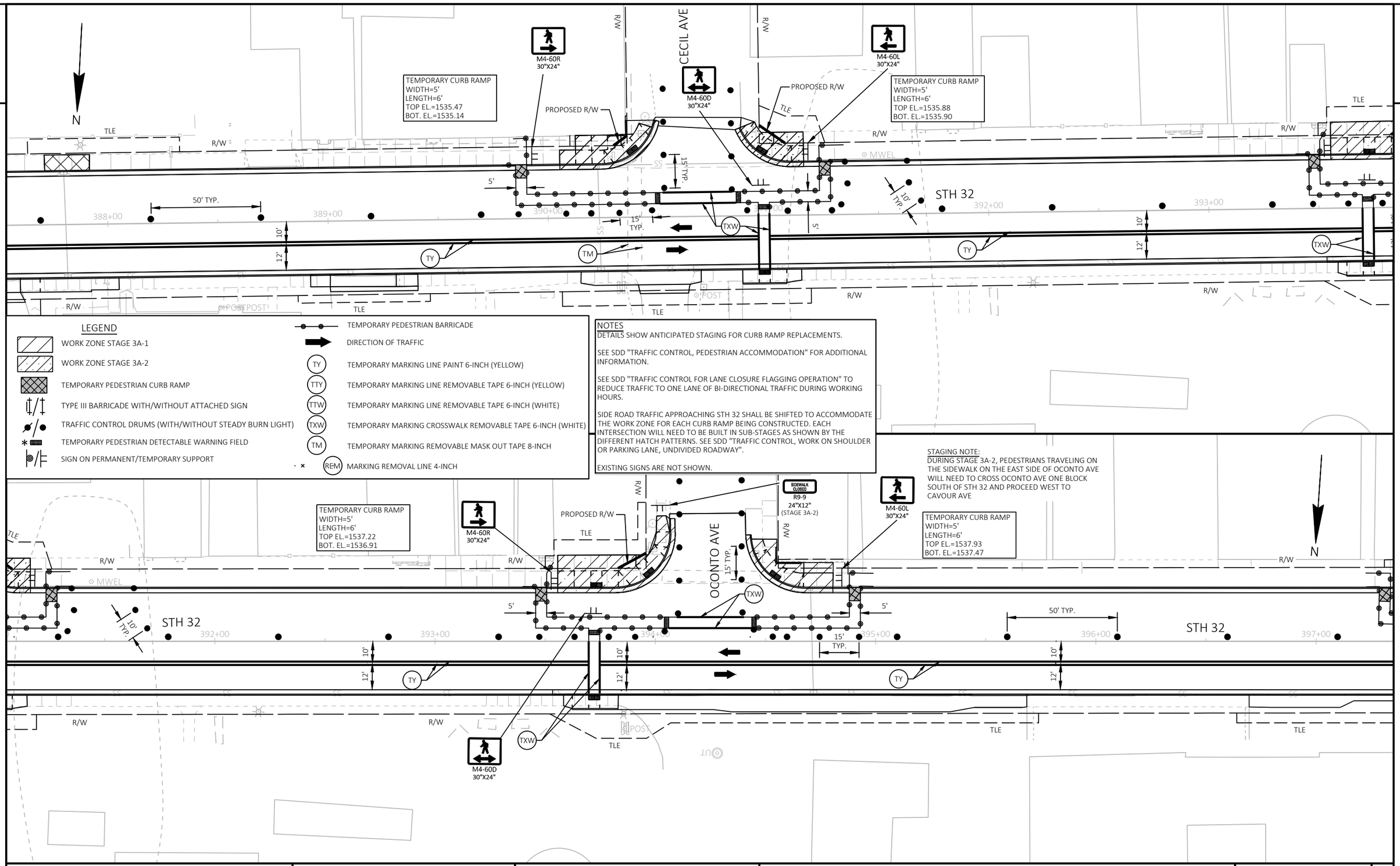
STA 384+47.40, 9.25' RT

STA 383+47.37, 5.25' RT

SIDEWALK CLOSED
R9-9
24"X12"
STAGE 3A-1

12'

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TEMPORARY PEDESTRIAN ACCOMMODATION - STAGE 3A	SHEET 122	E



LEGEND

- WORK ZONE STAGE 3A-1
- WORK ZONE STAGE 3A-2
- TEMPORARY PEDESTRIAN CURB RAMP
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT STEADY BURN LIGHT)
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- SIGN ON PERMANENT/TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- (TY) TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
- (TTY) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- (TTW) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- (TXW) TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH (WHITE)
- (TM) TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH
- (REM) MARKING REMOVAL LINE 4-INCH

NOTES

DETAILS SHOW ANTICIPATED STAGING FOR CURB RAMP REPLACEMENTS.

SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

SIDE ROAD TRAFFIC APPROACHING STH 32 SHALL BE SHIFTED TO ACCOMMODATE THE WORK ZONE FOR EACH CURB RAMP BEING CONSTRUCTED. EACH INTERSECTION WILL NEED TO BE BUILT IN SUB-STAGES AS SHOWN BY THE DIFFERENT HATCH PATTERNS. SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY".

EXISTING SIGNS ARE NOT SHOWN.

STAGING NOTE:
DURING STAGE 3A-2, PEDESTRIANS TRAVELING ON THE SIDEWALK ON THE EAST SIDE OF OCONTO AVE WILL NEED TO CROSS OCONTO AVE ONE BLOCK SOUTH OF STH 32 AND PROCEED WEST TO CAVOUR AVE

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TEMPORARY PEDESTRIAN ACCOMMODATION - STAGE 3A	SHEET 123	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\025105-TC.DWG
LAYOUT NAME - 02
PLOT DATE : 10/23/2023 8:07 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

STAGING NOTE:
DURING STAGE 3A-1, PEDESTRIANS TRAVELING ON THE SIDEWALK ON THE EAST SIDE OF CAVOUR AVE WILL NEED TO CROSS CAVOUR AVE ONE BLOCK SOUTH OF STH 32 AND PROCEED EAST TO OCONTO AVE

TEMPORARY CURB RAMP
WIDTH=5'
LENGTH=6'
TOP EL.=1539.49
BOT. EL.=1538.99

TEMPORARY CURB RAMP
WIDTH=5'
LENGTH=6'
TOP EL.=1538.89
BOT. EL.=1538.55

M4-60R
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"
(STAGE 3A-1)

M4-60L
30"X24"

M4-60D
30"X24"

CAVOUR AVE

STH 32

R/W

15' TYP.

5'

50' TYP.

10' TYP.

10'

12'

TXW

TY

TLE

SS

POST

FLAG

395+00 396+00 397+00 398+00 399+00 400+00 401+00

LEGEND

- WORK ZONE STAGE 3A-1
- WORK ZONE STAGE 3A-2
- TEMPORARY PEDESTRIAN CURB RAMP
- TYPE III BARRICADE WITH/WITHOUT ATTACHED SIGN
- TRAFFIC CONTROL DRUMS (WITH/WITHOUT STEADY BURN LIGHT)
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- SIGN ON PERMANENT/TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- (TY) TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
- (TTY) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- (TTW) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- (TXW) TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH (WHITE)
- (TM) TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH
- (REM) MARKING REMOVAL LINE 4-INCH

NOTES
DETAILS SHOW ANTICIPATED STAGING FOR CURB RAMP REPLACEMENTS.

SEE SDD "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" FOR ADDITIONAL INFORMATION.

SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE FLAGGING OPERATION" TO REDUCE TRAFFIC TO ONE LANE OF BI-DIRECTIONAL TRAFFIC DURING WORKING HOURS.

SIDE ROAD TRAFFIC APPROACHING STH 32 SHALL BE SHIFTED TO ACCOMMODATE THE WORK ZONE FOR EACH CURB RAMP BEING CONSTRUCTED. EACH INTERSECTION WILL NEED TO BE BUILT IN SUB-STAGES AS SHOWN BY THE DIFFERENT HATCH PATTERNS. SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY".

EXISTING SIGNS ARE NOT SHOWN.

FOREST AVE - STAGE 3A-1

STAGING NOTE:
MAINTAIN EXISTING CROSSING OF FOREST AVE.
THE STH 32 CROSSING ON THE EAST SIDE OF FOREST AVE IS CLOSED DURING STAGE 3A-1.
USE THE CROSSING AT CAVOUR AVE.

FOREST AVE

SIDEWALK CLOSED
R9-9
24"X12"

STH 32

50' TYP.

10' TYP.

15' TYP.

400+00 401+00

FOREST AVE - STAGE 3A-2

M4-60R
30"X24"

M4-60L
30"X24"

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	TRAFFIC CONTROL - TEMPORARY PEDESTRIAN ACCOMMODATION - STAGE 3A	SHEET 124 E

Estimate Of Quantities

9130-03-72

Line	Item	Item Description	Unit	Total	Qty
0002	201.0205	Grubbing	STA	12.000	12.000
0004	203.0100	Removing Small Pipe Culverts	EACH	1.000	1.000
0006	204.0110	Removing Asphaltic Surface	SY	37,935.000	37,935.000
0008	204.0115	Removing Asphaltic Surface Butt Joints	SY	80.000	80.000
0010	204.0120	Removing Asphaltic Surface Milling	SY	1,340.000	1,340.000
0012	204.0150	Removing Curb & Gutter	LF	15,100.000	15,100.000
0014	204.0155	Removing Concrete Sidewalk	SY	2,770.000	2,770.000
0016	204.0180	Removing Delineators and Markers	EACH	18.000	18.000
0018	204.0195	Removing Concrete Bases	EACH	1.000	1.000
0020	204.0210	Removing Manholes	EACH	3.000	3.000
0022	204.0220	Removing Inlets	EACH	35.000	35.000
0024	204.0245	Removing Storm Sewer (size) 01. 18-Inch	LF	2,010.000	2,010.000
0026	204.0245	Removing Storm Sewer (size) 02. 24-Inch	LF	94.000	94.000
0028	204.0280	Sealing Pipes	EACH	1.000	1.000
0030	204.9060.S	Removing (item description) 01. Retaining Wall	EACH	1.000	1.000
0032	204.9060.S	Removing (item description) 02. Concrete Steps, Railing, and Sidewalls	EACH	2.000	2.000
0034	205.0100	Excavation Common	CY	9,516.000	9,516.000
0036	208.0100	Borrow	CY	1,310.000	1,310.000
0038	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 9130-03-72	EACH	1.000	1.000
0040	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	14.000	14.000
0042	213.0100	Finishing Roadway (project) 01. 9130-03-72	EACH	1.000	1.000
0044	305.0110	Base Aggregate Dense 3/4-Inch	TON	40.000	40.000
0046	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	5,850.000	5,850.000
0048	450.4000	HMA Cold Weather Paving	TON	800.000	800.000
0050	455.0605	Tack Coat	GAL	3,300.000	3,300.000
0052	460.2000	Incentive Density HMA Pavement	DOL	6,630.000	6,630.000
0054	460.6223	HMA Pavement 3 MT 58-28 S	TON	7,100.000	7,100.000
0056	460.6444	HMA Pavement 4 MT 58-34 H	TON	3,250.000	3,250.000
0058	465.0105	Asphaltic Surface	TON	52.000	52.000
0060	465.0110	Asphaltic Surface Patching	TON	10.000	10.000
0062	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	260.000	260.000
0064	465.0125	Asphaltic Surface Temporary	TON	165.000	165.000
0066	465.0310	Asphaltic Curb	LF	20.000	20.000
0068	465.0315	Asphaltic Flumes	SY	28.000	28.000
0070	511.1100	Temporary Shoring	SF	980.000	980.000
0072	513.2001	Railing Pipe	LF	54.000	54.000
0074	520.8000	Concrete Collars for Pipe	EACH	1.000	1.000
0076	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	9.000	9.000
0078	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	1.000	1.000
0080	522.2429	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	LF	74.000	74.000
0082	522.2614	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 14x23-Inch	EACH	1.000	1.000
0084	522.2619	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	EACH	1.000	1.000
0086	522.2624	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	EACH	3.000	3.000
0088	522.2629	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch	EACH	2.000	2.000
0090	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	13,670.000	13,670.000
0092	601.0415	Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type J	LF	460.000	460.000
0094	601.0600	Concrete Curb Pedestrian	LF	220.000	220.000
0096	602.0405	Concrete Sidewalk 4-Inch	SF	38,340.000	38,340.000
0098	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	234.000	234.000
0100	602.0615	Curb Ramp Detectable Warning Field Radial Natural Patina	SF	330.000	330.000

9130-03-72

Line	Item	Item Description	Unit	Total	Qty
0102	602.0810	Concrete Driveway 6-Inch	SY	305.000	305.000
0104	602.0860	Concrete Driveway HES 6-Inch	SY	253.000	253.000
0106	602.1500	Concrete Steps	SF	94.000	94.000
0108	606.0200	Riprap Medium	CY	45.000	45.000
0110	606.0600	Grouted Riprap Medium	CY	55.000	55.000
0112	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	60.000	60.000
0114	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	853.000	853.000
0116	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	52.000	52.000
0118	608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	269.000	269.000
0120	608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	418.000	418.000
0122	608.2414	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	LF	164.000	164.000
0124	608.2419	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	LF	24.000	24.000
0126	608.2424	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	LF	323.000	323.000
0128	611.0430	Reconstructing Inlets	EACH	17.000	17.000
0130	611.0530	Manhole Covers Type J	EACH	6.000	6.000
0132	611.0612	Inlet Covers Type C	EACH	6.000	6.000
0134	611.0624	Inlet Covers Type H	EACH	26.000	26.000
0136	611.0645	Inlet Covers Type MS-A	EACH	6.000	6.000
0138	611.1004	Catch Basins 4-FT Diameter	EACH	11.000	11.000
0140	611.1005	Catch Basins 5-FT Diameter	EACH	3.000	3.000
0142	611.1006	Catch Basins 6-FT Diameter	EACH	1.000	1.000
0144	611.1230	Catch Basins 2x3-FT	EACH	5.000	5.000
0146	611.2005	Manholes 5-FT Diameter	EACH	2.000	2.000
0148	611.2006	Manholes 6-FT Diameter	EACH	4.000	4.000
0150	611.3004	Inlets 4-FT Diameter	EACH	10.000	10.000
0152	611.3230	Inlets 2x3-FT	EACH	7.000	7.000
0154	611.3901	Inlets Median 1 Grate	EACH	6.000	6.000
0156	611.8115	Adjusting Inlet Covers	EACH	6.000	6.000
0158	611.8120.S	Cover Plates Temporary	EACH	7.000	7.000
0160	611.9710	Salvaged Inlet Covers	EACH	10.000	10.000
0162	612.0206	Pipe Underdrain Unperforated 6-Inch	LF	15.000	15.000
0164	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	275.000	275.000
0166	618.0100	Maintenance and Repair of Haul Roads (project) 01. 9130-03-72	EACH	1.000	1.000
0168	619.1000	Mobilization	EACH	1.000	1.000
0170	624.0100	Water	MGAL	200.000	200.000
0172	625.0100	Topsoil	SY	23,820.000	23,820.000
0174	628.1504	Silt Fence	LF	6,860.000	6,860.000
0176	628.1520	Silt Fence Maintenance	LF	6,860.000	6,860.000
0178	628.1905	Mobilizations Erosion Control	EACH	8.000	8.000
0180	628.1910	Mobilizations Emergency Erosion Control	EACH	5.000	5.000
0182	628.2004	Erosion Mat Class I Type B	SY	6,660.000	6,660.000
0184	628.2008	Erosion Mat Urban Class I Type B	SY	17,160.000	17,160.000
0186	628.7005	Inlet Protection Type A	EACH	73.000	73.000
0188	628.7010	Inlet Protection Type B	EACH	15.000	15.000
0190	628.7015	Inlet Protection Type C	EACH	58.000	58.000
0192	628.7020	Inlet Protection Type D	EACH	15.000	15.000
0194	628.7504	Temporary Ditch Checks	LF	270.000	270.000
0196	628.7555	Culvert Pipe Checks	EACH	45.000	45.000
0198	628.7570	Rock Bags	EACH	1,175.000	1,175.000
0200	629.0210	Fertilizer Type B	CWT	5.000	5.000

Estimate Of Quantities

9130-03-72

Line	Item	Item Description	Unit	Total	Qty
0202	630.0120	Seeding Mixture No. 20	LB	180.000	180.000
0204	630.0140	Seeding Mixture No. 40	LB	310.000	310.000
0206	630.0500	Seed Water	MGAL	350.000	350.000
0208	633.5200	Markers Culvert End	EACH	19.000	19.000
0210	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	34.000	34.000
0212	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	21.000	21.000
0214	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	8.000	8.000
0216	637.2210	Signs Type II Reflective H	SF	456.130	456.130
0218	638.2102	Moving Signs Type II	EACH	2.000	2.000
0220	638.2602	Removing Signs Type II	EACH	69.000	69.000
0222	638.3000	Removing Small Sign Supports	EACH	63.000	63.000
0224	642.5001	Field Office Type B	EACH	1.000	1.000
0226	643.0300	Traffic Control Drums	DAY	43,810.000	43,810.000
0228	643.0420	Traffic Control Barricades Type III	DAY	1,690.000	1,690.000
0230	643.0705	Traffic Control Warning Lights Type A	DAY	3,380.000	3,380.000
0232	643.0715	Traffic Control Warning Lights Type C	DAY	3,196.000	3,196.000
0234	643.0900	Traffic Control Signs	DAY	13,067.000	13,067.000
0236	643.1000	Traffic Control Signs Fixed Message	SF	36.000	36.000
0238	643.3165	Temporary Marking Line Paint 6-Inch	LF	48,100.000	48,100.000
0240	643.3180	Temporary Marking Line Removable Tape 6-Inch	LF	10,700.000	10,700.000
0242	643.3350	Temporary Marking Crosswalk Removable Tape 6-inch	LF	750.000	750.000
0244	643.3980	Temporary Marking Removable Mask Out Tape 8-Inch	LF	250.000	250.000
0246	643.5000	Traffic Control	EACH	1.000	1.000
0248	644.1601	Temporary Pedestrian Curb Ramp	DAY	271.000	271.000
0250	644.1605	Temporary Pedestrian Detectable Warning Field	SF	150.000	150.000
0252	644.1810	Temporary Pedestrian Barricade	LF	1,850.000	1,850.000
0254	645.0120	Geotextile Type HR	SY	290.000	290.000
0256	646.1020	Marking Line Epoxy 4-Inch	LF	6.000	6.000
0258	646.2020	Marking Line Epoxy 6-Inch	LF	15,000.000	15,000.000
0260	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	2,000.000	2,000.000
0262	646.4520	Marking Line Same Day Epoxy 4-Inch	LF	770.000	770.000
0264	646.4720	Marking Line Same Day Epoxy 6-Inch	LF	18,220.000	18,220.000
0266	646.5020	Marking Arrow Epoxy	EACH	3.000	3.000
0268	646.6120	Marking Stop Line Epoxy 18-Inch	LF	15.000	15.000
0270	646.6466	Cold Weather Marking Epoxy 6-Inch	LF	3,600.000	3,600.000
0272	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	550.000	550.000
0274	646.7520	Marking Crosswalk Epoxy Block Style 24-Inch	LF	180.000	180.000
0276	646.9000	Marking Removal Line 4-Inch	LF	20,900.000	20,900.000
0278	650.4000	Construction Staking Storm Sewer	EACH	64.000	64.000
0280	650.5000	Construction Staking Base	LF	7,396.000	7,396.000
0282	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	15,425.000	15,425.000
0284	650.6000	Construction Staking Pipe Culverts	EACH	1.000	1.000
0286	650.6501	Construction Staking Structure Layout (structure) 01. R-21-3	EACH	1.000	1.000
0288	650.9000	Construction Staking Curb Ramps	EACH	40.000	40.000
0290	650.9500	Construction Staking Sidewalk (project) 01. 9130-03-72	EACH	1.000	1.000
0292	650.9911	Construction Staking Supplemental Control (project) 01. 9130-03-72	EACH	1.000	1.000
0294	650.9920	Construction Staking Slope Stakes	LF	7,733.000	7,733.000
0296	690.0150	Sawing Asphalt	LF	4,415.000	4,415.000
0298	690.0250	Sawing Concrete	LF	315.000	315.000
0300	740.0440	Incentive IRI Ride	DOL	5,860.000	5,860.000

Estimate Of Quantities

9130-03-72

Line	Item	Item Description	Unit	Total	Qty
0302	SPV.0030	Special 01. Fertilizer for Lawn Type Turf	CWT	12.000	12.000
0304	SPV.0060	Special 01. Moving Boulders	EACH	11.000	11.000
0306	SPV.0060	Special 02. Temporary Storm Sewer Connection	EACH	4.000	4.000
0308	SPV.0060	Special 03. Adjusting Water Valve Boxes	EACH	7.000	7.000
0310	SPV.0060	Special 04. Adjusting Sanitary Manhole Covers	EACH	7.000	7.000
0312	SPV.0060	Special 05. Reconstructing Sanitary Manholes	EACH	1.000	1.000
0314	SPV.0060	Special 06. Research and Locate Existing Land Parcel Monuments	EACH	97.000	97.000
0316	SPV.0060	Special 07. Verify and Replace Existing Land Parcel Monuments	EACH	97.000	97.000
0318	SPV.0060	Special 08. Shuttle Service	EACH	1.000	1.000
0320	SPV.0090	Special 01. Concrete Curb and Gutter HES 30-Inch Type D	LF	1,050.000	1,050.000
0322	SPV.0090	Special 02. Concrete Curb Pedestrian Special	LF	25.000	25.000
0324	SPV.0090	Special 03. Sidewalk Repair	LF	420.000	420.000
0326	SPV.0165	Special 01. Wall Modular Block Gravity (R-21-3)	SF	930.000	930.000
0328	SPV.0180	Special 01. Preparing Topsoil for Lawn Type Turf	SY	17,160.000	17,160.000

GRUBBING ITEM

CATEGORY	STATION	TO	STATION	OFFSET	201.0205 GRUBBING STA
0010					
	333+00	-	335+00	RT	2
	344+00	-	345+00	LT	1
	349+00	-	350+00	RT	1
	352+00	-	354+00	RT	2
	355+00	-	357+00	RT	2
	360+00	-	361+00	RT	1
	364+00	-	365+00	LT	1
	373+00	-	374+00	LT	1
	375+00	-	376+00	LT	1
TOTAL					12

REMOVAL ITEMS

CATEGORY	STAGE	STATION	TO	STATION	OFFSET	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	204.0180 REMOVING DELINEATORS AND MARKERS EACH	204.0195 REMOVING CONCRETE BASES EACH	SPV.0060.01 MOVING BOULDERS EACH	COMMENTS
0010														
	1	403+52	-	404+60	LT	53	--	--	20	--	2	--	--	CULVERT REPLACEMENT
STAGE 1 TOTALS						53	--	--	20	--	2	--	--	
	2A	331+07	-	405+03	RT	2,758	--	--	7,836	120	--	--	11	NB C&G
	2C	331+07	-	405+03	RT	12,893	--	--	--	--	14	--	--	NB PAVEMENT REPLACEMENT
STAGE 2 TOTALS						15,651	--	--	7,836	120	14	--	11	
	3A	331+07	-	405+03	LT	8,498	--	--	7,244	2,650	--	1	--	SB C&G
	3B	331+07	-	405+03	LT	12,873	--	--	--	--	2	--	--	SB PAVEMENT REPLACEMENT
STAGE 3 TOTALS						21,371	--	--	7,244	2,650	2	1	--	
	4	328+70	-	331+07	LT&RT	580	36	880	--	--	--	--	--	MILL AND OVERLAY
	4	405+03	-	406+03	LT&RT	255	44	460	--	--	--	--	--	MILL AND OVERLAY
STAGE 4 TOTALS						835	80	1,340	--	--	--	--	--	
CATEGORY 0010 TOTALS						37,910	80	1,340	15,100	2,770	18	1	11	
0030														
	2A	331+07	-	405+03	RT	4	--	--	--	--	--	--	--	SANITARY ADJUSTMENTS
	2A	331+07	-	405+03	RT	2	--	--	--	--	--	--	--	WATER VALVE ADJUSTMENTS
STAGE 2 TOTALS						6	--	--	--	--	--	--	--	
	3A	331+07	-	405+03	LT	16	--	--	--	--	--	--	--	SANITARY ADJUSTMENTS
	3A	331+07	-	405+03	LT	3	--	--	--	--	--	--	--	WATER VALVE ADJUSTMENTS
STAGE 3 TOTALS						19	--	--	--	--	--	--	--	
CATEGORY 0030 TOTALS						25	--	--	--	--	--	--	--	
TOTALS						37,935	80	1,340	15,100	2,770	18	1	11	

REMOVING SMALL PIPE CULVERTS ITEM

CATEGORY	STATION	OFFSET	203.0100 REMOVING SMALL PIPE CULVERTS EACH	COMMENTS
0010				
	404+06	LT&RT	1	CMCP 36"
TOTAL			1	

REMOVING CONCRETE STEPS, RAILINGS, AND SIDEWALLS

CATEGORY	STAGE	STATION	TO	STATION	OFFSET	204.9060.S.02 EACH
0010						
	3A	372+78	-	375+24	LT	2
TOTAL						2

EARTHWORK SUMMARY

DIVISION	STATION TO STATION	LOCATION	205.0100 EXCAVATION COMMON (CY) (1)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (CY) (2)	AVAILABLE MATERIAL (3)	UNEXPANDED FILL	EXPANDED FILL (4) FACTOR 1.25	MASS ORDINATE +/- (5)	208.0100 BORROW (CY)
1									
	331+07 - 405+03	STH 32 NB PAVEMENT REPLACEMENT	5,124	3,002	2,122	649	812	1,310	--
	333+00 - 333+29	STH 32 NB OUTFALL DITCHING	39	--	39	--	--	39	--
	10+50 - 10+60	CTH C	55	8	47	--	--	47	--
SUBTOTALS			5,218	3,010	2,208	649	812	1,396	--
2									
	328+70 - 331+07	STH 32 SB RURAL DITCHING	85	--	85	--	--	85	--
	331+07 - 405+03	STH 32 SB PAVEMENT REPLACEMENT	3,925	3,781	144	1,163	1,454	-1,310	1,310
	19+30 - 19+49	RIVER ST (EAST)	36	13	23	--	--	23	--
	39+25 - 39+56	ELM AVE	83	27	56	--	--	56	--
	49+20 - 49+55	EAST AVE	39	23	16	--	--	16	--
	59+20 - 59+55	PEARL AVE	59	31	28	--	--	28	--
	69+20 - 69+52	JONES AVE	33	18	15	1	1	14	--
	89+25 - 89+50	CRANDON AVE	38	12	26	--	--	26	--
SUBTOTALS			4,298	3,905	393	1,164	1,455	-1,062	1,310
PROJECT TOTALS			9,516	6,915	2,601	1,813	2,267	334	1,310

NOTES
1) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS THE EXISTING CONCRETE AND ASPHALT PAVEMENT VOLUME, NOT AVAILABLE FOR FILL (MATERIAL TO BE WASTED)
3) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL.
4) EXPANDED FILL = (UNEXPANDED FILL) * (FILL FACTOR).
5) MASS ORDINATE = AVAILABLE MATERIAL - (EXPANDED FILL); POSITIVE INDICATES AN EXCESS OF MATERIAL

BASE AGGREGATE ITEMS

CATEGORY	STAGE	STATION	TO	STATION	OFFSET	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	COMMENTS
0010								
	1	403+90	-	404+10	LT&RT	--	30	CULVERT REPLACEMENT
STAGE 1 TOTALS						--	30	
	2A	331+07	-	384+46	RT	--	1,030	NB C&G REPLACEMENT
	2A	384+46	-	405+03	RT	--	410	NB C&G REPLACEMENT
	2A	10+16	-	10+60	LT&RT	5	110	CTH C
	2A	80+16	-	80+50	LT&RT	--	80	CTH H
	2C	331+07	-	384+46	RT	--	1,350	NB PAVEMENT REPLACEMENT
	2C	384+46	-	405+03	RT	--	250	NB PAVEMENT REPLACEMENT
STAGE 2 TOTALS						5	3,230	
	3A	331+07	-	384+46	LT	--	440	SB C&G REPLACEMENT
	3A	384+46	-	405+03	LT	--	440	SB C&G REPLACEMENT
	3A	19+30	-	19+39	LT&RT	--	140	RIVER ST (EAST)
	3A	39+25	-	39+84	LT&RT	--	150	ELM AVE
	3A	49+20	-	49+84	LT&RT	--	120	EAST AVE
	3A	59+20	-	59+84	LT&RT	--	160	PEARL AVE
	3A	69+20	-	69+84	LT&RT	--	130	JONES AVE
	3A	89+25	-	89+84	LT&RT	--	110	CRANDON AVE
	3B	331+07	-	357+01	LT	--	290	SB PAVEMENT REPLACEMENT
	3B	357+01	-	371+71	LT	--	220	SB PAVEMENT REPLACEMENT
	3B	371+71	-	382+09	LT	--	110	SB PAVEMENT REPLACEMENT
	3B	382+09	-	405+03	LT	--	280	SB PAVEMENT REPLACEMENT
STAGE 3 TOTALS						--	2,590	
	4	328+70	-	331+07	LT&RT	25	--	MAINLINE SHOULDERS
	4	405+03	-	406+03	LT&RT	10	--	MAINLINE SHOULDERS
STAGE 4 TOTALS						35	--	
TOTALS						40	5,850	

REMOVING DRAINAGE ITEMS

CATEGORY	STAGE	STATION	TO	STATION	OFFSET	204.0210 REMOVING MANHOLES EACH	204.0220 REMOVING INLETS EACH	204.0245.01 REMOVING STORM SEWER (18-INCH) LF	204.0245.02 REMOVING STORM SEWER (24-INCH) LF	204.0280 SEALING PIPES EACH
0010										
	2A	331+07	-	384+46	RT	3	7	1,067	78	--
	2A	384+46	-	405+03	RT	--	1	24	--	--
STAGE 2 SUBTOTALS						3	8	1,091	78	--
	3A	331+07	-	384+46	LT	--	27	919	16	1
STAGE 3 SUBTOTALS						--	27	919	16	1
TOTALS						3	35	2,010	94	1

PREPARE FOUNDATION ITEMS

CATEGORY	STATION	TO	STATION	OFFSET	211.0101.01 PREPARE FOUNDATION FOR ASPHALTIC PAVING (9130-03-72) EACH	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA
0010						
	322+81	-	330+31	LT&RT	--	9
	405+03	-	409+34	LT&RT	--	5
	PROJECT				1	--
TOTALS					1	14

ASPHALTIC ITEMS

CATEGORY	STAGE	STATION	TO	STATION	OFFSET	450.4000 HMA COLD WEATHER PAVING TON	455.0605 TACK COAT GAL	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6444 HMA PAVEMENT 4 MT 58-34 H TON	465.0105 ASPHALTIC SURFACE TON	465.0110 ASPHALTIC SURFACE PATCHING TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	465.0125 ASPHALTIC SURFACE TEMPORARY TON	465.0310 ASPHALTIC CURB LF	465.0315 ASPHALTIC FLUMES SY
0010															
	1	322+81	-	330+31	LT&RT	--	--	--	--	--	--	--	106	--	--
	1	403+90	-	404+10	LT&RT	--	--	--	--	--	--	--	17	20	--
	1	405+03	-	409+34	LT&RT	--	--	--	--	--	--	--	42	--	--
STAGE 1 TOTALS						--	--	--	--	--	--	--	165	20	--
	2A	331+07	-	405+03	RT	--	--	--	--	--	1	200	--	--	10
	2C	331+07	-	384+46	RT	--	500	2,190	--	--	--	--	--	--	18
	2C	384+46	-	405+03	RT	--	260	1,160	--	--	--	--	--	--	--
	2C	10+16	-	10+60	LT&RT	--	10	30	--	--	--	--	--	--	--
	2C	80+16	-	80+50	LT&RT	--	10	20	--	--	--	--	--	--	--
STAGE 2 TOTALS						--	780	3,400	--	--	1	200	--	--	28
	3A	331+07	-	405+03	LT	--	--	--	--	--	1	60	--	--	--
	3B	331+07	-	384+46	LT	--	520	2,290	--	--	--	--	--	--	--
	3B	384+46	-	405+03	LT	--	280	1,210	--	--	--	--	--	--	--
	3B	19+30	-	19+39	LT&RT	--	10	30	--	8	--	--	--	--	--
	3B	39+25	-	39+84	LT&RT	--	10	40	--	10	--	--	--	--	--
	3B	49+20	-	49+84	LT&RT	--	10	30	--	10	--	--	--	--	--
	3B	59+20	-	59+84	LT&RT	--	20	40	--	11	--	--	--	--	--
	3B	69+20	-	69+84	LT&RT	--	10	30	--	10	--	--	--	--	--
	3B	89+25	-	89+84	LT&RT	--	10	30	--	3	--	--	--	--	--
STAGE 3 TOTALS						--	870	3,700	--	52	1	60	--	--	--
	4	328+70	-	406+03	LT&RT	800	1,650	--	3,250	--	--	--	--	--	--
STAGE 4 TOTALS						800	1,650	--	3,250	--	--	--	--	--	--
CATEGORY 0010 TOTALS						800	3,300	7,100	3,250	52	2	260	165	20	28
0030															
	2A	331+07	-	405+03	RT	--	--	--	--	--	1	--	--	--	--
	2A	331+07	-	405+03	RT	--	--	--	--	--	1	--	--	--	--
STAGE 2 TOTALS						--	--	--	--	--	2	--	--	--	--
	3A	331+07	-	405+03	LT	--	--	--	--	--	5	--	--	--	--
	3A	331+07	-	405+03	LT	--	--	--	--	--	1	--	--	--	--
STAGE 3 TOTALS						--	--	--	--	--	6	--	--	--	--
CATEGORY 0030 TOTALS						--	--	--	--	--	8	--	--	--	--
TOTALS						800	3,300	7,100	3,250	52	10	260	165	20	28

CONCRETE DRIVEWAY ITEMS

CATEGORY	STAGE	STATION	TO	STATION	OFFSET	602.0810 CONCRETE DRIVEWAY 6-INCH SY	602.0860 CONCRETE DRIVEWAY HES 6-INCH SY
0010							
	2	372+15	-	374+15	RT	8	--
	2	385+00	-	405+03	RT	47	78
STAGE 2 TOTALS						55	78
	3	331+07	-	405+03	LT	--	175
STAGE 3 TOTALS						--	175
CATEGORY 0010 TOTALS						55	253
0020							
	2	374+15	-	385+00	RT	250	--
CATEGORY 0020 TOTALS						250	--
TOTALS						305	253

CONCRETE CURB & GUTTER ITEMS

CATEGORY	STAGE	STATION	TO	STATION	OFFSET	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0415 CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE J LF	601.0600 CONCRETE CURB PEDESTRIAN LF	SPV.0090.01 CONCRETE CURB & GUTTER HES 30-INCH TYPE D LF	SPV.0090.02 CONCRETE CURB PEDESTRIAN SPECIAL LF
0010										
	2A	331+07	-	405+03	RT	6,860	460	136	513	25
	3A	331+07	-	405+03	LT	6,810	--	84	537	--
TOTALS						13,670	460	220	1,050	25

3

SIDEWALK ITEMS

CATEGORY	STAGE	STATION	TO	STATION	OFFSET	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF	602.0615 CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA SF	602.1500 CONCRETE STEPS SF	SPV.0090.03 SIDEWALK REPAIR LF
0010										
	2A	331+07	-	374+15	RT	1,460	20	15	--	--
	2A	385+00	-	405+03	RT	1,760	40	21	--	--
STAGE 2 TOTALS						3,220	60	36	--	--
	3A	331+07	-	405+03	LT	29,880	164	247	94	--
STAGE 3 TOTALS						29,880	164	247	94	--
	--		UNDISTRIBUTED			--	--	--	--	420
CATEGORY 0010 TOTALS						33,100	224	283	94	420
0020										
	2A	374+15	-	385+00	RT	5,240	10	47	--	--
CATEGORY 0020 TOTALS						5,240	10	47	--	--
TOTALS						38,340	234	330	94	420

NOTE
USE OF THE SIDEWALK REPAIR ITEM SHALL BE PER THE CONSTRUCTION DETAIL AND ONLY WHERE DIRECTED BY THE ENGINEER.

TEMPORARY STORM SEWER ITEMS

CATEGORY	STAGE	STATION	OFFSET	FROM STRUCTURE	TO STRUCTURE	SPV.0060.02 TEMPORARY STORM SEWER CONNECTION EACH	COMMENTS
0010							
	2	341+11	LT&RT	5A	5	1	CONNECT EXISTING SSPRC 18-INCH TO SSPRCHE CLASS IV 24X38-INCH
	2	372+70	LT&RT	34B	MH-34A	1	CONNECT EXISTING SSPRC 18-INCH TO MH-34A
	2	377+50	LT&RT	MH-37	38	1	CONNECT EXISTING SSPRC 18-INCH TO SSPRC CLASS IV 24-INCH
	2	380+30	LT&RT	41A	41C	1	CONNECT EXISTING SSPRC 18-INCH TO SSPRCHE CLASS IV 14X23-INCH
TOTAL						4	

CULVERT ITEMS

CATEGORY	STAGE	STATION	OFFSET	522.2429 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 29X45-INCH LF	522.2629 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 29X45-INCH EACH	* JOINT TIES EACH
0010						
	1	404+06	LT	34	1	10
	2A	404+06	RT	40	1	12
TOTALS				74	2	22

NOTE:
*JOINT TIES ARE NOT A PAY ITEM AND ARE LISTED FOR INFORMATION ONLY

ADJUSTING MANHOLE & INLET COVER ITEMS

CATEGORY	STAGE	STATION	OFFSET	611.8115 ADJUSTING INLET COVERS EACH	SPV.0060.03 ADJUSTING WATER VALVE BOXES EACH	SPV.0060.04 ADJUSTING SANITARY MANHOLE COVERS EACH	SPV.0060.05 RECONSTRUCTING SANITARY MANHOLES EACH
0010							
	2	384+52	RT	1	--	--	--
	2	385+41	RT	1			
STAGE 2 TOTALS				2	--	--	--
	3	384+51	LT	1	--	--	--
	3	387+80	LT	1	--	--	--
	3	401+15	LT	1	--	--	--
	3	402+00	LT	1	--	--	--
STAGE 3 TOTALS				4	--	--	--
CATEGORY 0010 TOTALS				6	--	--	--
0030							
	4	341+70	LT	--	1	--	--
	4	341+71	RT	--	--	1	--
	4	341+89	LT	--	--	1	--
	4	343+98	LT	--	--	1	--
	4	356+37	LT	--	--	1	--
	4	360+24	LT	--	--	1	--
	4	372+28	LT	--	1	--	--
	4	372+33	LT	--	2	--	--
	4	372+71	LT	--	--	1	--
	4	374+88	LT	--	--	--	1
	4	377+63	LT	--	--	1	--
	4	385+09	RT	--	1	--	--
	4	385+13	LT	--	1	--	--
	4	385+13	RT	--	1	--	--
CATEGORY 0030 TOTALS				--	7	7	1
TOTALS				6	7	7	1

COVER PLATES TEMPORARY ITEM

CATEGORY	STAGE	STATION	OFFSET	LOCATION	611.8120.S COVER PLATES TEMPORARY EACH
0010					
	2A	372+70	RT	STORM SEWER ADJUSTMENT	1
	3A	377+42	LT	STORM SEWER ADJUSTMENT	1
CATEGORY 0010 TOTAL					2
0030					
	2A	341+71	RT	SANITARY ADJUSTMENTS	1
STAGE 2 TOTAL					1
	3A	343+98	LT	SANITARY ADJUSTMENTS	1
	3A	356+37	LT	SANITARY ADJUSTMENTS	1
	3A	360+24	LT	SANITARY ADJUSTMENTS	1
	3A	377+63	LT	SANITARY ADJUSTMENTS	1
STAGE 3 TOTAL					4
CATEGORY 0030 TOTAL					5
TOTAL					7

STORM SEWER PIPE ITEMS

CATEGORY	STAGE	STATION	FROM STRUCTURE	TO STRUCTURE	520.8000 CONCRETE COLLARS FOR PIPE EACH	522.1018 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	522.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	522.2614 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 14X23-INCH EACH	522.2619 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 19X30-INCH EACH	522.2624 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 24X38-INCH EACH	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.2414 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 14X23-INCH LF	608.2419 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 19X30-INCH LF	608.2424 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24X38-INCH LF	* JOINT TIES EACH
0010																			
	2A	335+60	2	2A	--	1	--	--	--	--	--	18	--	--	--	--	--	--	6
	2A	339+30	4	4A	--	1	--	--	--	--	--	21	--	--	--	--	--	--	6
	2A	341+15	5A	5	--	--	--	--	--	--	--	--	--	--	--	--	--	26	8
	2A	341+09	5	5B	--	--	--	--	--	1	--	--	--	--	--	--	--	24	6
	2A	341+09	5.3	5	--	--	--	--	--	--	--	--	--	--	8	--	--	--	--
	2A	349+80	14	14A	--	1	--	--	--	--	--	33	--	--	--	--	--	--	8
	2A	352+98	16	16A	--	1	--	--	--	--	--	51	--	--	--	--	--	--	14
	2A	356+01	19.2	19A	1	1	--	--	--	--	--	33	--	--	--	--	--	--	--
	2A	360+66	24	24A	--	--	1	--	--	--	--	--	44	--	--	--	--	--	12
	2A	364+74	28	28A	--	1	--	--	--	--	--	41	--	--	--	--	--	--	12
	2A	370+02	30	30A	--	1	--	--	--	--	--	49	--	--	--	--	--	--	12
	2A	372+70	34B	MH-34A	--	--	--	--	--	--	--	12	--	--	--	--	--	--	--
	3A	372+70	MH-34A	34	--	--	--	--	--	--	--	38	--	--	--	--	--	--	--
	2A	375+07	35	38	--	--	--	--	--	--	--	--	--	--	253	--	--	--	--
	2A	377+42	MH-37	38	--	--	--	--	--	--	--	--	--	--	18	--	--	--	--
	2A	377+60	38	MH-1	--	--	--	--	--	--	--	--	--	--	--	--	--	17	--
	2A	377+73	MH-1	MH-2	--	--	--	--	--	--	--	--	--	--	--	--	--	147	--
	2A	379+20	40	39	--	--	--	--	--	--	--	--	--	--	18	--	--	--	--
	2A	379+20	39	MH-2	--	--	--	--	--	--	--	--	--	--	11	--	--	--	--
	2A	379+20	MH-2	94	--	--	--	--	--	1	--	--	--	--	--	--	--	83	22
	2A	380+31	41A	41C	--	--	--	--	--	--	--	--	--	--	--	18	--	--	--
	2A	380+30	41C	42	--	--	--	--	--	--	--	--	--	--	--	27	--	--	--
	2A	380+56	42	42A	--	--	--	1	--	--	--	--	--	--	--	22	--	--	6
	2A	382+07	43A	43	--	--	--	--	--	--	--	--	--	--	--	18	--	--	--
	2A	382+07	43	MH-44	--	--	--	--	--	--	--	--	--	--	--	8	--	--	--
	2A	382+14	MH-44	MH-45	--	--	--	--	--	--	--	--	--	--	--	--	19	--	--
	2A	382+13	MH-45	45A	--	--	--	--	1	--	--	--	--	--	--	--	5	--	2
	2A	382+22	44.1	MH-44	--	--	--	--	--	--	--	--	--	--	8	--	--	--	--
	2A	402+02	58.1	58	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--
	2A	402+02	58	58A	--	1	--	--	--	--	--	20	--	--	--	--	--	--	6
STAGE 2 TOTALS					1	8	1	1	1	2	--	324	44	--	316	93	24	297	120
	3A	335+59	1.0	1	--	--	--	--	--	--	--	13	--	--	--	--	--	--	--
	3A	335+59	1	1.1	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--
	3A	339+36	3A	3	--	1	--	--	--	--	--	18	--	--	--	--	--	--	6
	3A	339+34	3	3.2	--	--	--	--	--	--	--	--	--	8	--	--	--	--	--
	3A	341+15	5A	5	--	--	--	--	--	1	--	--	--	--	--	--	--	26	6
	3A	343+82	10	9	--	--	--	--	--	--	--	--	--	48	--	--	--	--	--
	3A	344+31	9	8	--	--	--	--	--	--	--	--	--	44	--	--	--	--	--
	3A	344+52	8	8.1	--	--	--	--	--	--	--	--	--	8	--	--	--	--	--
	3A	346+60	11	11.1	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--
	3A	349+82	13	13.1	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--
	3A	352+98	15	15.1	--	--	--	--	--	--	--	--	--	8	--	--	--	--	--
	3A	357+20	17A	17	--	--	--	--	--	--	47	--	--	--	--	--	--	--	--
	3A	356+72	17	18	--	--	--	--	--	--	--	50	--	--	--	--	--	--	--
	3A	356+21	18	19	--	--	--	--	--	--	--	38	--	--	--	--	--	--	--
	3A	355+99	19	19.1	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--
	3A	359+70	21	20	--	--	--	--	--	--	--	44	--	--	--	--	--	--	--
	3A	360+05	20	23	--	--	--	--	--	--	--	39	--	--	--	--	--	--	--
	3A	360+43	23	22	--	--	--	--	--	--	--	37	--	--	--	--	--	--	--
	3A	360+80	22A	22	--	--	--	--	--	--	13	--	--	--	--	--	--	--	--
	3A	360+67	22	22.1	--	--	--	--	--	--	--	--	8	--	--	--	--	--	--
	3A	364+00	25	26	--	--	--	--	--	--	--	--	--	52	--	--	--	--	--
	3A	364+51	26	27	--	--	--	--	--	--	--	39	--	--	--	--	--	--	--
	3A	364+74	27	27.1	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--
	3A	370+03	29	29.1	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--
	3A	372+02	32	31	--	--	--	--	--	--	--	38	--	--	--	--	--	--	--
	3A	372+40	31	34B	--	--	--	--	--	--	--	50	--	--	--	--	--	--	--
	3A	371+67	33	34B	--	--	--	--	--	--	--	103	--	--	--	--	--	--	--
	3A	372+70	34B	MH-34A	--	--	--	--	--	--	--	12	--	--	--	--	--	--	--
	3A	375+07	36	36.1	--	--	--	--	--	--	--	--	--	8	--	--	--	--	--
	3A	376+50	37E	37D	--	--	--	--	--	--	--	--	--	76	--	--	--	--	--
	3A	377+26	37D	MH-37	--	--	--	--	--	--	--	--	--	17	--	--	--	--	--
	3A	377+92	37B	37A	--	--	--	--	--	--	--	--	--	--	43	--	--	--	--
	3A	377+53	37A	MH-37	--	--	--	--	--	--	--	--	--	--	23	--	--	--	--
	3A	377+42	MH-37	38	--	--	--	--	--	--	--	--	--	--	18	--	--	--	--
	3A	379+20	40	39	--	--	--	--	--	--	--	--	--	--	18	--	--	--	--
	3A	380+66	41B	41	--	--	--	--	--	--	--	--	--	--	--	10	--	--	--
	3A	380+56	41	41A	--	--	--	--	--	--	--	--	--	--	--	25	--	--	--
	3A	380+31	41A	41C	--	--	--	--	--	--	--	--	--	--	--	18	--	--	--
	3A	382+07	43A	43	--	--	--	--	--	--	--	--	--	--	--	18	--	--	--
STAGE 3 TOTALS					--	1	--	--	--	1	60	529	8	269	102	71	--	26	12
TOTALS					1	9	1	1	1	3	60	853	52	269	418	164	24	323	132

NOTE:
*JOINT TIES ARE NOT A PAY ITEM AND ARE LISTED FOR INFORMATION ONLY

STORM SEWER STRUCTURE ITEMS

CATEGORY	STAGE	STATION	OFFSET	STRUCTURE NUMBER	611.0430 RECONSTRUCTING INLETS EACH	611.1004 CATCH BASINS 4-FT DIAMETER EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.1006 CATCH BASINS 6-FT DIAMETER EACH	611.1230 CATCH BASINS 2X3-FT EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0645 INLET COVERS TYPE MS-A EACH	611.9710 SALVAGED INLET COVERS EACH
0010																			
	2A	335+60	17.50' RT	2	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--
	2A	337+30	17.50' RT	4	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2A	341+09	17.50' RT	5	--	--	1	--	--	--	--	--	--	--	--	--	--	--	1
	2A	344+47	17.50' RT	7	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2A	346+60	17.50' RT	12	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--
	2A	349+80	17.50' RT	14	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2A	352+98	17.50' RT	16	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--
	2A	360+66	17.50' RT	24	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2A	364+74	17.50' RT	28	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--
	2A	370+02	17.50' RT	30	--	--	--	--	--	--	--	--	1	--	--	--	--	--	1
	2A	372+70	6.01' RT	MH-34A	--	--	--	--	--	1	--	--	--	--	1	--	--	--	--
	2A	373+06	17.50' RT	34	1	--	--	--	--	--	--	--	--	--	--	--	1	--	--
	2A	379+20	17.50' RT	39	--	--	--	--	1	--	--	--	--	--	--	--	1	--	--
	2A	377+60	17.50' RT	38	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--
	2A	377+73	29.10' RT	MH-1	--	--	--	--	--	--	1	--	--	--	1	--	--	--	--
	2A	379+20	28.41' RT	MH-2	--	--	--	--	--	--	1	--	--	--	1	--	--	--	--
	2A	375+07	17.50' RT	35	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2A	380+30	17.50' RT	41C	--	1	--	--	--	--	--	--	--	--	--	--	1	--	--
	2A	380+56	17.50' RT	42	--	1	--	--	--	--	--	--	--	--	--	--	1	--	--
	2A	382+07	17.50' RT	43	--	--	1	--	--	--	--	--	--	--	--	--	1	--	--
	2A	382+14	21.80' RT	MH-44	--	--	--	--	--	--	1	--	--	--	1	--	--	--	--
	2A	382+13	35.16' RT	MH-45	--	--	--	--	--	--	1	--	--	--	1	--	--	--	--
	2A	387+82	22.00' RT	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2A	390+24	22.00' RT	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2A	394+72	22.00' RT	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2A	402+02	23.50' RT	58	--	--	--	--	1	--	--	--	--	--	--	--	1	--	--
STAGE 2 TOTALS					13	2	2	1	2	1	4	--	1	--	5	--	11	--	2
	3A	335+59	17.50' LT	1	--	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	3A	339+34	17.50' LT	3	--	--	--	--	--	--	--	--	1	--	--	--	--	--	1
	3A	343+82	60.08' LT	10	--	--	--	--	--	--	--	--	--	1	--	--	--	1	--
	3A	344+31	53.64' LT	9	--	--	--	--	--	--	--	--	--	1	--	--	--	1	--
	3A	344+52	17.50' LT	8	--	--	--	--	--	--	--	1	--	--	--	--	--	--	1
	3A	346+60	17.50' LT	11	--	--	--	--	--	--	--	--	1	--	--	--	1	--	--
	3A	349+82	17.50' LT	13	--	--	--	--	--	--	--	--	1	--	--	--	--	--	1
	3A	352+98	17.50' LT	15	--	--	--	--	--	--	--	--	1	--	--	--	--	--	1
	3A	357+20	44.00' LT	17A	--	--	--	--	--	--	--	--	--	1	--	--	--	1	--
	3A	356+72	48.20' LT	17	--	--	--	--	--	--	--	--	--	1	--	--	--	1	--
	3A	356+21	48.60' LT	18	--	--	--	--	--	--	--	1	--	--	--	1	--	--	--
	3A	355+99	17.50' LT	19	--	--	--	--	--	--	--	1	--	--	--	--	1	--	--
	3A	359+70	19.27' LT	21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	1
	3A	360+05	45.84' LT	20	--	--	--	--	--	--	--	1	--	--	--	1	--	--	--
	3A	360+43	45.74' LT	23	--	--	--	--	--	--	--	1	--	--	--	1	--	--	--
	3A	360+67	17.50' LT	22	--	--	--	--	--	--	--	1	--	--	--	--	1	--	--
	3A	360+80	19.80' LT	22A	--	--	--	--	--	--	--	1	--	--	--	--	1	--	--
	3A	364+00	45.92' LT	25	--	--	--	--	--	--	--	--	--	1	--	--	--	1	--
	3A	364+51	48.54' LT	26	--	--	--	--	--	--	--	1	--	--	--	1	--	--	--
	3A	364+74	17.50' LT	27	--	--	--	--	--	--	--	1	--	--	--	--	1	--	--
	3A	370+03	21.50' LT	29	--	--	--	--	--	--	--	--	1	--	--	--	--	--	1
	3A	372+02	59.16' LT	32	--	--	--	--	--	--	--	--	--	1	--	--	--	1	--
	3A	372+40	58.13' LT	31	--	1	--	--	--	--	--	--	--	--	--	1	--	--	--
	3A	371+67	18.27' LT	33	--	1	--	--	--	--	--	--	--	--	--	--	--	--	1
	3A	372+70	17.50' LT	34B	--	--	1	--	--	--	--	--	--	--	--	--	1	--	--
	3A	379+20	17.50' LT	40	--	--	--	--	1	--	--	--	--	--	--	--	1	--	--
	3A	377+92	51.96' LT	37B	--	1	--	--	--	--	--	--	--	--	--	1	--	--	--
	3A	377+53	35.34' LT	37A	--	1	--	--	--	--	--	--	--	--	--	--	1	--	--
	3A	376+50	17.50' LT	37E	--	1	--	--	--	--	--	--	--	--	--	--	1	--	--
	3A	377+26	17.50' LT	37D	--	1	--	--	--	--	--	--	--	--	--	--	--	--	1
	3A	377+42	14.50' LT	MH-37	--	--	--	--	--	1	--	--	--	--	1	--	--	--	--
	3A	375+07	17.50' LT	36	--	--	--	--	1	--	--	--	--	--	--	--	1	--	--
	3A	380+66	17.50' LT	41B	--	1	--	--	--	--	--	--	--	--	--	--	1	--	--
	3A	380+53	17.50' LT	41	--	1	--	--	--	--	--	--	--	--	--	--	1	--	--
	3A	380+31	17.50' LT	41A	--	1	--	--	--	--	--	--	--	--	--	--	1	--	--
	3A	382+07	17.50' LT	43A	--	--	--	--	1	--	--	--	--	--	--	--	1	--	--
	3A	390+23	22.00' LT	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3A	391+12	22.00' LT	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3A	394+70	22.00' LT	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3A	398+43	22.00' LT	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
STAGE 3 TOTALS					4	9	1	--	3	1	--	10	6	6	1	6	15	6	8
TOTALS					17	11	3	1	5	2	4	10	7	6	6	6	26	6	10

3

RESTORATION ITEMS

CATEGORY	STAGE	STATION	TO	STATION	OFFSET	625.0100 TOPSOIL SY	628.2004 EROSION MAT CLASS I TYPE B SY	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0140 SEEDING MIXTURE NO. 40 LB	630.0500 SEED WATER MGAL	SPV.0030.01 FERTILIZER FOR LAWN TYPE TURF CWT	SPV.0180.01 PREPARING TOPSOIL FOR LAWN TYPE TURF SY
0010														
	2	328+70	-	406+03	RT	9,500	4,100	5,400	3	111	98	213	4	5,400
	3	328+70	-	406+03	LT	9,560	1,230	8,330	1	33	150	28	6	8,330
	--			UNDISTRIBUTED		4,760	1,330	3,430	1	36	62	109	2	3,430
TOTALS						23,820	6,660	17,160	5	180	310	350	12	17,160

3

EROSION CONTROL ITEMS

CATEGORY	STAGE	STATION	TO	STATION	OFFSET	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.7005 INLET PROTECTION TYPE A EACH	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7020 INLET PROTECTION TYPE D EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	628.7570 ROCK BAGS EACH
0010														
	1	402+00			LT	--	--	--	--	1	--	--	--	--
	2	328+70	-	406+03	RT	5,050	5,050	26	--	21	5	175	12	390
	3	328+70	-	406+03	LT	440	440	32	12	25	7	35	24	550
	--			UNDISTRIBUTED		1,370	1,370	15	3	11	3	60	9	235
TOTALS						6,860	6,860	73	15	58	15	270	45	1,175

RIPRAP ITEMS

CATEGORY	STATION	OFFSET	606.0200 RIPRAP MEDIUM CY	606.0600 GROUTED RIPRAP MEDIUM CY	645.0120 GEOTEXTILE TYPE HR SY
0010					
	340+94	RT	8	--	22
	341+11	LT	9	--	24
	349+77	RT	--	21	51
	352+95	RT	--	2	9
	356+03	RT	--	12	38
	360+66	RT	--	12	34
	364+75	RT	--	7	23
	369+91	RT	4	--	12
	380+08	RT	7	--	21
	380+77	RT	10	--	30
	381+47	RT	--	1	5
	382+04	RT	7	--	21
TOTALS			45	55	290

EROSION CONTROL MOBILIZATION ITEMS

CATEGORY	STAGE	LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
0010	1			
		PROJECT	8	5
TOTALS			8	5

SIGN TYPE II ITEMS

CATEGORY	SIGN NUMBER	SIGN CODE	SIGN DIMENSION W X H IN	X	IN	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	SIGN MOUNTED ON SAME POST AS SIGN NO.
0010													
	1-1	R2-1	24	X	30	1	--	--	5.00	--	1	1	--
	1-2	R2-1	24	X	30	1	--	--	5.00	--	1	1	--
	1-3	--	--	X	--	--	--	--	--	--	1	1	--
	1-4	--	--	X	--	--	--	--	--	--	1	1	--
	1-5	J1-1	24	X	39	--	1	--	6.50	--	--	--	--
	2-1	--	--	X	--	--	--	--	--	--	1	1	--
	2-2	R2-1	24	X	30	1	--	--	5.00	--	1	1	--
	2-3	JR13-1	24	X	45	--	1	--	7.50	--	1	1	--
	2-4	I55-56	30	X	18	--	1	--	3.75	--	1	1	--
	2-5	I55-56P	30	X	18	--	--	--	3.75	--	1	--	2-4
	2-6	I55-56	30	X	18	--	1	--	3.75	--	1	1	--
	2-7	I55-56P	30	X	18	--	--	--	3.75	--	1	--	2-6
	2-8	J4-1	24	X	36	--	--	1	6.00	--	1	1	--
	2-9	D6-4S	24	X	24	--	--	--	4.00	--	1	--	2-8
	3-1	J13-1	24	X	45	--	1	--	7.50	--	1	1	--
	3-2	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	3-3	J12-1	24	X	45	--	1	--	7.50	--	1	1	--
	3-4	J13-1	24	X	45	--	1	--	7.50	--	1	1	--
	3-5	J4-1	24	X	36	--	--	1	6.00	--	1	1	--
	3-6	D6-4S	24	X	24	--	--	--	4.00	--	1	--	3-5
	3-7	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	3-8	I2-3	54	X	24	1	--	--	9.00	--	1	1	--
	3-9	J13-1	24	X	45	--	1	--	7.50	--	1	1	--
	3-10	R2-1	24	X	30	1	--	--	5.00	--	1	1	--
	4-1	R2-1	24	X	30	1	--	--	5.00	--	1	1	--
	4-2	J1-1	24	X	39	--	1	--	6.50	--	--	--	--
	4-3	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	4-4	--	--	X	--	--	--	--	--	--	1	1	--
	5-1	R2-1	24	X	30	1	--	--	5.00	--	1	1	--
	5-2	R2-1	24	X	30	1	--	--	5.00	--	--	--	--
	5-3	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	6-1	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	6-2	R2-1	24	X	30	1	--	--	5.00	--	--	--	--
	6-3	R2-1	24	X	30	1	--	--	5.00	--	1	1	--
	6-4	--	--	X	--	--	--	--	--	--	1	1	--
	6-5	S1-1	36	X	36	--	--	1	6.75	--	--	--	--
	6-6	W16-9P	30	X	18	--	--	--	3.75	--	--	--	6-5
	6-7	R2-6P	24	X	18	--	--	--	3.00	--	--	--	6-5
	6-8	--	--	X	--	--	--	--	--	--	1	1	--
	6-9	S4-51	24	X	48	--	1	--	8.00	--	1	1	--
	6-10	R2-1	24	X	30	--	--	1	5.00	--	--	--	--
	6-11	S5-2	24	X	30	--	--	--	5.00	--	--	--	6-10
	6-12	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	7-1	--	--	X	--	--	--	--	--	--	1	1	--
	7-2	--	--	X	--	--	--	--	--	--	--	1	--
	7-3	--	--	X	--	--	--	--	--	--	1	1	--
	7-4	J4-1	24	X	36	--	--	1	6.00	--	--	--	--
	7-5	D6-4S	24	X	24	--	--	--	4.00	--	--	--	7-4
	7-6	J1-1	24	X	39	--	1	--	6.50	--	1	1	--
	8-1	--	--	X	--	--	--	--	--	--	1	1	--
	8-2	S1-1	36	X	36	--	1	--	6.75	--	--	--	--
	8-3	S16-7L	30	X	18	--	--	--	3.75	--	--	--	8-2
	8-4	S1-1	36	X	36	--	1	--	6.75	--	--	--	--
	8-5	S16-7L	30	X	18	--	--	--	3.75	--	--	--	8-4
	8-6	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
SUB-TOTALS						17	13	5	244.76	--	39	36	

3

SIGN TYPE II ITEMS (CONTINUED)

CATEGORY	SIGN NUMBER	SIGN CODE	SIGN DIMENSION W X H IN	X	IN	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	SIGN MOUNTED ON SAME POST AS SIGN NO.
0010													
	8-7	--	--	X	--	--	--	--	--	--	1	1	--
	8-8	--	--	X	--	--	--	--	--	--	1	1	--
	8-9	--	--	X	--	--	--	--	--	--	1	1	--
	8-10	J12-1	24	X	45	--	1	--	7.50	--	--	--	--
	8-11	--	--	X	--	--	--	--	--	--	1	1	--
	8-12	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	8-13	J12-1	24	X	45	--	1	--	7.50	--	--	--	--
	8-14	J4-1	24	X	36	--	--	1	6.00	--	1	1	--
	8-15	D6-4S	24	X	24	--	--	--	4.00	--	1	--	8-14
	8-16	--	--	X	--	--	--	--	--	--	1	1	--
	9-1	S4-51	24	X	48	--	1	--	8.00	--	1	1	--
	9-2	R2-1	24	X	30	--	--	1	5.00	--	--	--	--
	9-3	S5-2	24	X	30	--	--	--	5.00	--	--	--	9-2
	9-4	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	9-5	S1-1	36	X	36	--	--	1	9.00	--	--	--	--
	9-6	W16-9P	30	X	18	--	--	--	3.75	--	--	--	9-5
	9-7	R2-6P	24	X	18	--	--	--	3.00	--	--	--	9-5
	9-8	J1-1	24	X	39	--	1	--	6.50	--	1	1	--
	9-9	W11-8	30	X	30	1	--	--	6.25	--	1	1	--
	9-10	R2-1	24	X	30	1	--	--	5.00	--	1	1	--
	10-1	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	10-2	--	--	X	--	--	--	--	--	--	1	1	--
	10-3	R7-1D	18	X	24	1	--	--	3.00	--	--	--	--
	10-4	R2-1	24	X	30	1	--	--	5.00	--	1	1	--
	10-5	--	--	X	--	--	--	--	--	--	1	1	--
	10-6	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	10-7	W11-8	30	X	30	1	--	--	6.25	--	--	--	--
	10-8	--	--	X	--	--	--	--	--	--	1	1	--
	11-1	D7-95R	54	X	36	--	2	--	13.50	--	--	--	--
	11-2	--	--	X	--	--	--	--	--	--	1	1	--
	11-3	D7-95L	54	X	36	--	--	--	13.50	--	--	--	11-1
	11-4	R1-1	30	X	30	1	--	--	5.18	--	--	--	--
	11-5	R2-1	24	X	30	--	--	--	5.00	--	--	--	--
	11-6	R2-1	24	X	30	1	--	--	5.00	--	--	--	--
	11-7	D7-95R	54	X	36	--	2	--	13.50	--	--	--	--
	11-8	--	--	X	--	--	--	--	--	--	1	1	--
	11-9	--	--	X	--	--	--	--	--	1	--	--	11-7
	11-10	--	--	X	--	--	--	--	--	1	--	--	11-7
	11-11	D7-95L	54	X	36	--	--	--	13.50	--	--	--	11-7
	11-12	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	12-1	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	12-2	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	13-1	R1-1	30	X	30	1	--	--	5.18	--	1	1	--
	13-2	R2-1	24	X	30	1	--	--	5.00	--	1	1	--
	13-3	--	--	X	--	--	--	--	--	--	1	--	--
	13-4	--	--	X	--	--	--	--	--	--	1	1	--
	13-5	R2-1	24	X	30	1	--	--	5.00	--	1	1	--
	13-6	--	--	X	--	--	--	--	--	--	1	--	--
TOTALS						34	21	8	456.13	2	69	63	

TRAFFIC CONTROL ITEMS

CATEGORY	STAGE	LOCATION	STAGE DURATION DAYS	643.0300 TRAFFIC CONTROL DRUMS NO.	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III NO.	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A NO.	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C NO.	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	643.0900 TRAFFIC CONTROL SIGNS NO.	643.0900 TRAFFIC CONTROL SIGNS DAY	644.1601 TEMPORARY PEDESTRIAN CURB RAMP NO.	644.1601 TEMPORARY PEDESTRIAN CURB RAMP DAY	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF
0010																	
	1	TEMPORARY SHOULDER PAVING	5	40	200	--	--	--	--	--	--	5	25	--	--	--	--
	1	CULVERT REPLACEMENT	5	10	50	--	--	--	--	--	--	--	--	--	--	--	--
STAGE 1 TOTALS					250		--		--		--		25		--	--	--
	2A	NB C&G REPLACEMENT	51	280	14,280	12	612	24	1,224	30	1,530	16	816	--	--	--	--
	2A-1	TEMPORARY PEDESTRIAN ACCOMODATIONS	14	--	--	--	--	--	--	--	--	1	14	1	14	10	171
	2A-2	TEMPORARY PEDESTRIAN ACCOMODATIONS	37	--	--	1	37	2	74	--	--	5	185	1	37	30	297
	2B/2C	NB PAVEMENT REPLACEMENT	15	280	4,200	12	180	24	360	30	450	16	240	--	--	--	--
STAGE 2 TOTALS					18,480		829		1,658		1,980		1,255		51	40	468
	3A	SB C&G REPLACEMENT	55	330	18,150	11	605	22	1,210	16	880	15	825	--	--	--	--
	3A	SIDE ROAD CLOSURES	5	--	--	5	25	10	50	--	--	3	15	--	--	--	--
	3A-1	TEMPORARY PEDESTRIAN ACCOMODATIONS	7	--	--	--	--	--	--	--	--	8	56	4	28	50	650
	3A-2	TEMPORARY PEDESTRIAN ACCOMODATIONS	48	--	--	--	--	--	--	--	--	11	528	4	192	60	732
	3B	SB PAVEMENT REPLACEMENT	21	330	6,930	11	231	22	462	16	336	15	315	--	--	--	--
STAGE 3 TOTALS					25,080		861		1,722		1,216		1,739		220	110	1,382
	4	MILL AND OVERLAY	27	--	--	--	--	--	--	--	--	20	540	--	--	--	--
STAGE 4 TOTALS					--		--		--		--		540		--	--	--
		PROJECT - ADVANCED WARNING	179	--	--	--	--	--	--	--	--	32	5,728	--	--	--	--
		PROJECT - WIDTH RESTRICTION	105	--	--	--	--	--	--	--	--	36	3,780	--	--	--	--
TOTALS					43,810		1,690		3,380		3,196		13,067		271	150	1,850

TRAFFIC CONTROL SIGNS FIXED MESSAGE

CATEGORY	LOCATION	SIGN CODE	NUMBER REQUIRED	SIGN SIZE W X H FT X FT	643.1000 SF	SIGN MESSAGE
0010						
	SOUTH PROJECT LIMIT (PRIOR TO CONSTRUCTION)	G20-57	1	72"X36"	18.00	HWY 32 / ROAD WORK / BEGINS XXX-XX
	NORTH PROJECT LIMITS (PRIOR TO CONSTRUCTION)	G20-57	1	72"X36"	18.00	HWY 32 / ROAD WORK / BEGINS XXX-XX
TOTAL					36.00	

TEMPORARY PAVEMENT MARKING ITEMS

CATEGORY	STAGE	STATION	TO	STATION	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH SOLID WHITE LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH SOLID YELLOW LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH SOLID WHITE LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH SOLID YELLOW LF	643.3350 TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH LF	643.3980 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 8-INCH LF	646.9000 MARKING REMOVAL LINE 4-INCH LF
0010											
	2	318+87	-	411+85	1,600	16,900	1,970	2,770	150	60	19,840
	3	321+27	-	411+85	--	14,800	2,980	2,980	600	190	1,060
	4	331+07	-	405+03	--	14,800	--	--	--	--	--
TOTALS					1,600	46,500	4,950	5,750	750	250	20,900
					48,100		10,700				

3

PERMANENT PAVEMENT MARKING ITEMS

CATEGORY	STATION	TO	STATION	646.1020 MARKING LINE EPOXY 4-INCH SOLID WHITE LF	646.2020 MARKING LINE EPOXY 6-INCH SOLID WHITE LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH SOLID WHITE LF	646.4520 MARKING LINE SAME DAY EPOXY 4-INCH SOLID YELLOW LF	646.4720 MARKING LINE SAME DAY EPOXY 6-INCH SOLID YELLOW LF	646.5020 MARKING ARROW EPOXY YELLOW EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH SOLID YELLOW LF	646.6466 COLD WEATHER MARKING EPOXY 6-INCH LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH SOLID WHITE LF	646.7520 MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH SOLID WHITE LF
0010													
	320+07	-	329+66	--	--	2,000	--	1,920	--	--	400	--	--
	329+66	-	411+23	6	15,000	--	770	16,300	3	15	3,200	550	180
TOTALS				6	15,000	2,000	770	18,220	3	15	3,600	550	180

TEMPORARY SHORING ITEM

CATEGORY	STATION	TO	STATION	OFFSET	511.1100 TEMPORARY SHORING SF
0010					
	355+67	-	356+36	33' RT	980
TOTAL					980

EXISTING LAND PARCEL MONUMENT ITEMS

CATEGORY	STATION	TO	STATION	OFFSET	SPV.0060.06 RESEARCH AND LOCATE EXISTING LAND PARCEL MONUMENTS EACH	SPV.0060.07 VERIFY AND REPLACE EXISTING LAND PARCEL MONUMENTS EACH
0010						
	328+70	-	406+03	LT&RT	97	97
TOTALS					97	97

RAILING PIPE ITEM

CATEGORY	STAGE	STATION	TO	STATION	OFFSET	513.2001 RAILING PIPE LF	COMMENTS
0010							
	2A	381+58	-	381+82	RT	24	NEW SIDEWALK OVER C-21-2
STAGE 2 TOTALS						24	
	3A	372+78			LT	16	R-21-3
	3A	374+45			LT	14	R-21-3
STAGE 3 TOTALS						30	
TOTAL						54	

MARKERS CULVERT END ITEM

CATEGORY	STAGE	STATION	TO	STATION	OFFSET	633.5200 MARKERS CULVERT END EACH
0010						
	1	404+06			LT	1
	2	328+70	-	406+03	RT	15
	3	328+70	-	341+25	LT	3
TOTAL						19

CONSTRUCTION STAKING ITEMS

CATEGORY	STATION	TO	STATION	OFFSET	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	650.6501.01 CONSTRUCTION STAKING STRUCTURE LAYOUT (R-21-3) EACH	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	650.9500.01 CONSTRUCTION STAKING SIDEWALK (9130-03-72) EACH	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (9130-03-72) EACH	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF
0010													
	328+70	-	331+07	LT&RT	--	--	--	--	--	--	--	--	237
	331+07	-	405+03	LT&RT	64	7,396	15,425	1	1	40	--	--	7,396
	405+03	-	406+03	LT&RT	--	--	--	--	--	--	--	--	100
	PROJECT				--	--	--	--	--	--	1	1	--
TOTALS					64	7,396	15,425	1	1	40	1	1	7,733

WATER ITEM

CATEGORY	STAGE	LOCATION	624.0100 WATER MGAL
0010	ALL		
		PROJECT	200
TOTAL			200

SAWING ITEMS

CATEGORY	STAGE	STATION	TO	STATION	OFFSET	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	COMMENTS
0010								
	1	403+90	-	404+10	LT&RT	68	5	CULVERT REPLACEMENT
STAGE 1 TOTALS						68	5	
	2A	331+07	-	405+03	RT	1,207	65	NB C&G REPLACEMENT
	2A	403+90	-	404+10	LT&RT	40	5	CULVERT REPLACEMENT
	2A		10+60		LT&RT	45	--	CTH C
	2A		80+50		LT&RT	35	5	CTH H
	2C	331+07	-	405+03	RT	33	--	NB PAVEMENT REPLACEMENT
STAGE 2 TOTALS						1,360	75	
	3A	331+07	-	405+03	LT	372	232	SB C&G REPLACEMENT
	3A		19+30		LT&RT	34	--	RIVER ST (EAST)
	3A		39+25		LT&RT	60	--	ELM AVE
	3A		49+20		LT&RT	32	--	EAST AVE
	3A		59+20		LT&RT	51	--	PEARL AVE
	3A		69+20		LT&RT	29	--	JONES AVE
	3A		89+25		LT&RT	39	3	CRANDON AVE
	3B	331+07	-	405+03	LT	34	--	SB PAVEMENT REPLACEMENT
STAGE 3 TOTALS						651	235	
	4	322+81	-	331+07	LT	826	--	TEMPORARY SHOULDER WIDENING
	4	325+45	-	330+93	RT	548	--	TEMPORARY SHOULDER WIDENING
	4	405+03	-	409+93	LT	490	--	TEMPORARY SHOULDER WIDENING
	4	406+43	-	409+34	RT	292	--	TEMPORARY SHOULDER WIDENING
STAGE 4 TOTALS						2,156	--	
CATEGORY 0010 TOTALS						4,235	315	
0030								
	2A	331+07	-	405+03	RT	24	--	SANITARY SEWER ADJUSTMENTS
	2A	331+07	-	405+03	RT	24	--	WATER VALVE ADJUSTMENTS
STAGE 2 TOTALS						48	--	
	3A	331+07	-	405+03	LT	96	--	SANITARY SEWER ADJUSTMENTS
	3A	331+07	-	405+03	LT	36	--	WATER VALVE ADJUSTMENTS
STAGE 3 TOTALS						132	--	
CATEGORY 0030 TOTALS						180	--	
TOTALS						4,415	315	

COMPOSITE DRAWING, ORIGINAL ON FILE AT THE REGISTER OF DEEDS OFFICE

4

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
9130-03-22
WABENO - CRANDON
CTH C TO FOREST AVE
STH 32
FOREST COUNTY

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
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
OFF-PREMISE SIGN
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED)

	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 ABBREVIATIONS

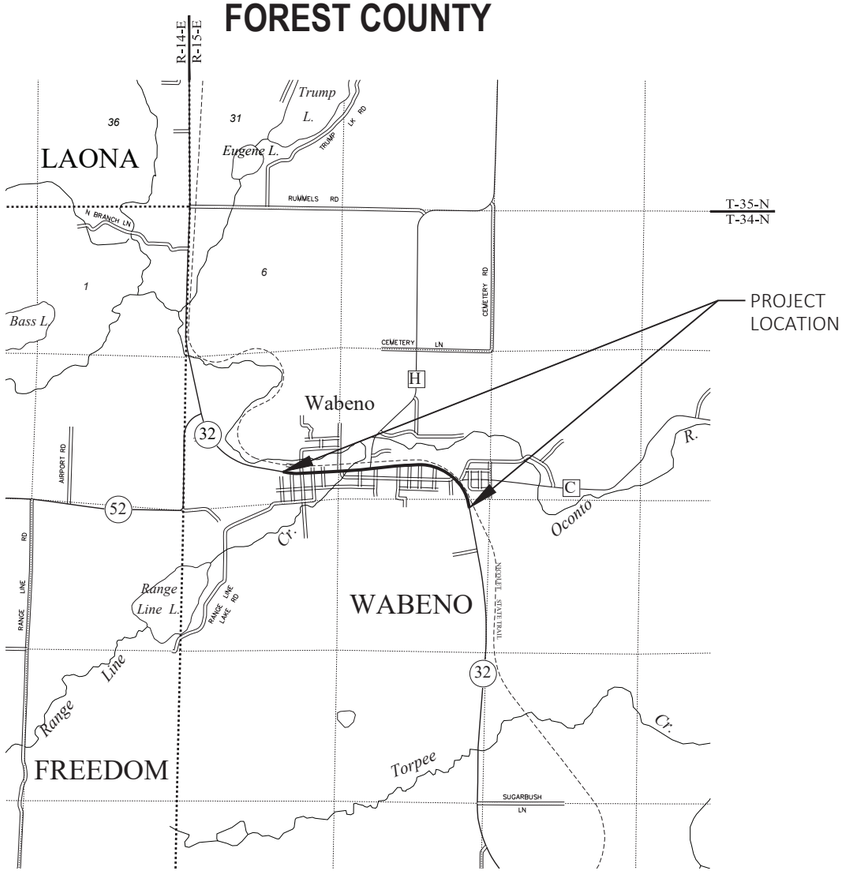
ACCESS RIGHTS	AR	POINT OF COMPOUND CURVE	PCC
ACRES	AC	POINT OF INTERSECTION	PI
AHEAD	AH	PROPERTY LINE	PL
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
CENTERLINE	C/L	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CERTIFIED SURVEY MAP	CSM	RIGHT	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

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	



THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 9130-03-22

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), FOREST COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES 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.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

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.

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

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

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

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

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

PROJECT NUMBER 9130-03-22 - 4. 01
SHEET 2 OF 3
AMENDMENT NO:

04/19/2022

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\TPP\040100-RP.DWG
LAYOUT NAME: 01
PLOT DATE : 1/25/2022 6:22 AM
PLOT BY : DREW NELSON
PLOT NAME : _____

COMPOSITE DRAWING, ORIGINAL ON FILE AT THE REGISTER OF DEEDS OFFICE

TRANSPORTATION PROJECT PLAT NO: 9130-03-22 - 4.01

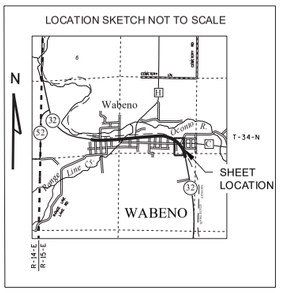
THAT PART OF LOTS 1 - 5, BLOCK M OF THE PLAT OF SOPERTON LOCATED IN PART OF THE SE1/4 OF THE SE1/4, ALSO BEING PART OF THE SE1/4 OF THE SE1/4, ALL IN SECTION 8 AND THAT PART OF THE NE1/4 OF THE NE1/4 OF SECTION 17, ALL IN TOWNSHIP 34 NORTH, RANGE 15 EAST, TOWN OF WABENO, FOREST COUNTY, WISCONSIN.

RELOCATION ORDER - STH 32, WABENO - CRANDON (CTH C TO FOREST AVE), FOREST COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

LOCATION SKETCH NOT TO SCALE



DOC #237298
CORTNEY BRITTEN CLEEREMAN
REGISTER OF DEEDS
FOREST COUNTY, WI
RECEIVED FOR RECORD
Apr 21, 2022
3:15 PM
RECORDING FEE: $25.00
TRANSFER FEE: $0.00
FEE EXEMPT: #
NUMBER OF PAGES: 3
The above recording information verifies that this document has been electronically recorded and returned to WisDOT - NC Region - Rhinelander /

142

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9130-03-22-4.01
SHEET 1 OF 3
AMENDMENT NO:___

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
202	TELEPHONE USA OF WISCONSIN, LLC D/B/A CENTURYLINK (COMMUNICATION)	RELEASE OF RIGHTS
204	WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)	RELEASE OF RIGHTS
205	WISCONSIN PUBLIC SERVICE CORPORATION (GAS)	RELEASE OF RIGHTS

ALL PLES ARE FOR DRAINAGE PURPOSES UNLESS OTHERWISE NOTED

ALL TLES ARE FOR SLOPE GRADING PURPOSES

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3, FOR ADDITIONAL INFORMATION.

SEE SHEET 3 OF 3 FOR TABLES & DETAILS.

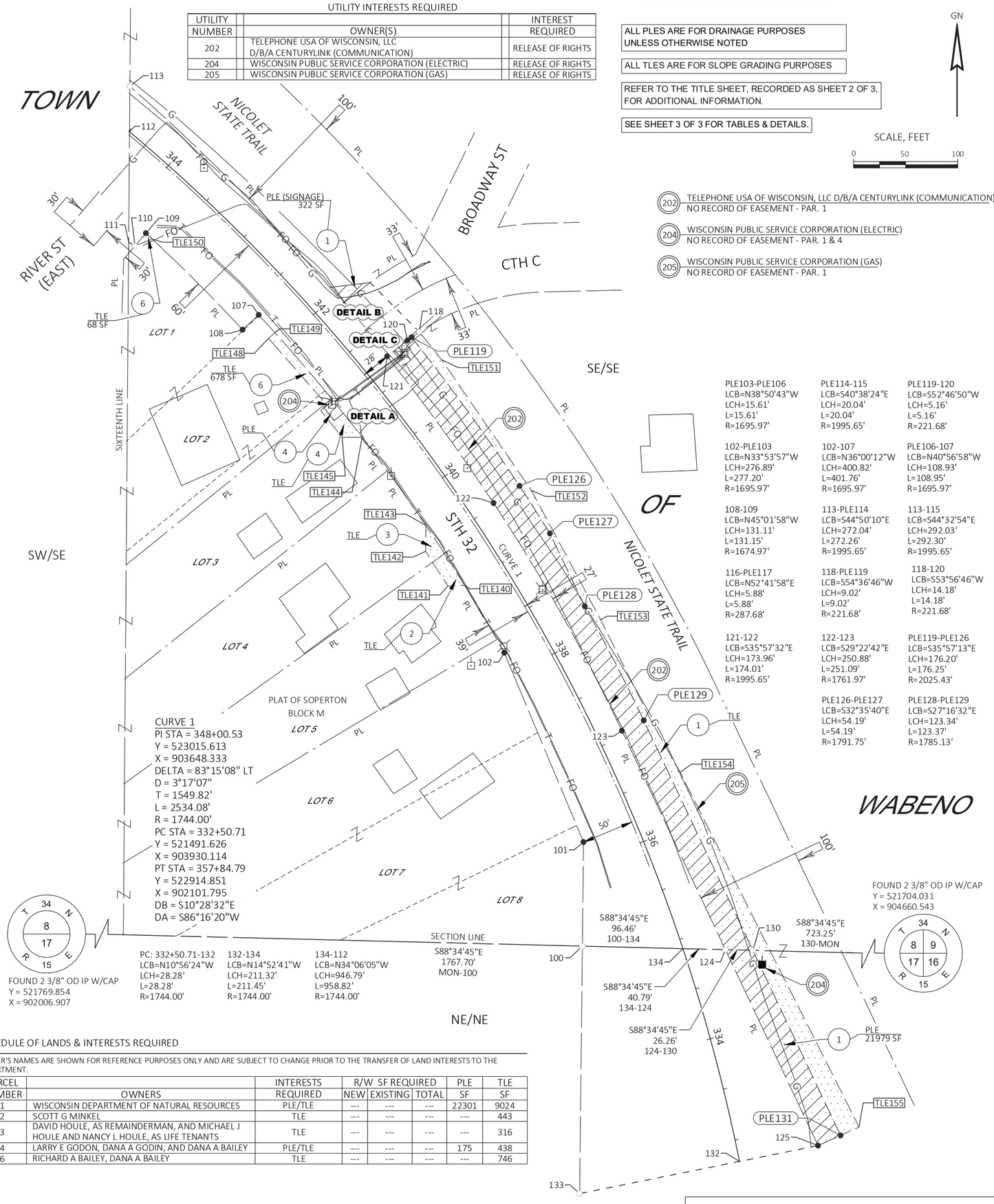
GN

SCALE, FEET
0 50 100

202 TELEPHONE USA OF WISCONSIN, LLC D/B/A CENTURYLINK (COMMUNICATION)
NO RECORD OF EASEMENT - PAR. 1

204 WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)
NO RECORD OF EASEMENT - PAR. 1 & 4

205 WISCONSIN PUBLIC SERVICE CORPORATION (GAS)
NO RECORD OF EASEMENT - PAR. 1



PLE103-PLE106	PLE114-115	PLE119-120
LCB=N38°50'43"W	LCB=S40°38'24"E	LCB=S52°46'50"W
LCH=15.61'	LCH=20.04'	LCH=5.16'
L=15.61'	L=20.04'	L=5.16'
R=1695.97'	R=1995.65'	R=221.68'
102-PLE103	102-107	PLE106-107
LCB=N33°53'57"W	LCB=N36°00'12"W	LCB=N40°56'58"W
LCH=276.89'	LCH=400.82'	LCH=108.93'
L=277.20'	L=401.76'	L=108.95'
R=1695.97'	R=1695.97'	R=1695.97'
108-109	113-PLE114	113-115
LCB=N45°01'58"W	LCB=S44°50'10"E	LCB=S44°32'54"E
LCH=131.11'	LCH=272.04'	LCH=292.03'
L=131.15'	L=272.26'	L=292.30'
R=1674.97'	R=1995.65'	R=1995.65'
116-PLE117	118-PLE119	118-120
LCB=N52°41'58"E	LCB=S54°36'46"W	LCB=S53°56'46"W
LCH=5.88'	LCH=9.02'	LCH=14.18'
L=5.88'	L=9.02'	L=14.18'
R=287.68'	R=221.68'	R=221.68'
121-122	122-123	PLE119-PLE126
LCB=S35°57'32"E	LCB=S29°22'42"E	LCB=S35°57'13"E
LCH=173.96'	LCH=250.88'	LCH=176.20'
L=174.01'	L=251.09'	L=176.25'
R=1995.65'	R=1761.97'	R=2025.43'
	PLE126-PLE127	PLE128-PLE129
	LCB=S32°35'40"E	LCB=S27°16'32"E
	LCH=54.19'	LCH=123.34'
	L=54.19'	L=123.37'
	R=1791.75'	R=1785.13'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNERS	INTERESTS REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	PLE SF	TLE SF
1	WISCONSIN DEPARTMENT OF NATURAL RESOURCES	PLE/TLE	---	---	---	22301	9024
2	SCOTT G MINKEL	TLE	---	---	---	---	443
3	DAVID HOULE, AS REMAINDERMAN, AND MICHAEL J HOULE AND NANCY L HOULE, AS LIFE TENANTS	TLE	---	---	---	---	316
4	LARRY E GODON, DANA A GODIN, AND DANA A BAILEY	PLE/TLE	---	---	---	175	438
6	RICHARD A BAILEY, DANA A BAILEY	TLE	---	---	---	---	746

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), FOREST 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 3/4"X24" IRON REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR STH 32: STATE AID PROJECT 7944, R/W PLAT T 042-1(12), PLAT OF SOPERTON, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR CTH C: STATE AID PROJECT 7944, R/W PLAT T 042-1(12), PLAT OF SOPERTON, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR RIVER ST: STATE AID PROJECT 7944, R/W PLAT T 042-1(12), PLAT OF SOPERTON, AND EXISTING CENTERLINE.

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

emcs inc

I, KEVIN C. BOYER PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN KEVIN C. BOYER S-2675 HEWITT WI LAND SURVEYOR

SIGNATURE: Kevin C. Boyer DATE: 04/19/2022
PRINT NAME: KEVIN C. BOYER
REGISTRATION NUMBER: S-2675

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

SIGNATURE: Brent L Stelle DATE: 04/20/22
PRINT NAME:

9130-03-22-4.01
1 IN:100 FT
PLOT SCALE :
PLOT NAME :
Drew Nelson
PLOT BY :
4/19/2022 2:46 PM
PLOT DATE :
PLOT DATE :
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTHSHEETSPLAN\TPP\040101-RP.DWG
APPRAISAL PLAT DATE : 04/19/2022

COMPOSITE DRAWING, ORIGINAL ON FILE AT THE REGISTER OF DEEDS OFFICE

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), FOREST 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.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3, FOR ADDITIONAL INFORMATION.

ALL TLES ARE FOR SLOPE GRADING PURPOSES

ALL PLES ARE FOR DRAINAGE PURPOSES UNLESS OTHERWISE NOTED

DETAILS ARE NOT TO SCALE

TRANSPORTATION PROJECT PLAT NO: 9130-03-22 - 4.01
EXTENSION SHEET

RELOCATION ORDER - STH 32, WABENO - CRANDON (CTH C TO FOREST AVE), FOREST COUNTY

GN

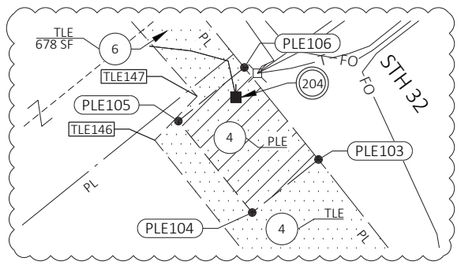
4

COURSE TABLE		
COURSE	BEARING	DISTANCE
100-101	N00° 38' 02"E	99.83'
101-102	N22° 41' 10"W	197.01'
102-107	SEE CURVE DATA	
102-PLE103	SEE CURVE DATA	
PLE103-PLE104	S51° 22' 03"W	11.21'
PLE104-PLE105	N38° 54' 10"W	15.51'
PLE105-PLE106	N50° 50' 24"E	11.22'
PLE106-107	SEE CURVE DATA	
PLE103-PLE106	SEE CURVE DATA	
107-108	S47° 12' 37"W	21.00'
108-109	SEE CURVE DATA	
109-110	S40° 40' 16"W	16.17'
110-111	N58° 56' 59"W	7.01'
111-112	N00° 26' 29"E	106.00'
112-113	N00° 26' 29"E	43.61'
113-115	SEE CURVE DATA	
115-116	N52° 06' 50"E	26.37'
116-PLE117	SEE CURVE DATA	
113-PLE114	SEE CURVE DATA	
PLE114-115	SEE CURVE DATA	
PLE114-PLE117	N83° 15' 46"E	38.81'
PLE117-118	S45° 00' 06"E	66.91'
118-120	SEE CURVE DATA	
120-121	S52° 06' 50"W	24.62'
121-122	SEE CURVE DATA	
122-123	SEE CURVE DATA	
123-124	S25° 17' 45"E	232.32'
124-125	S25° 17' 45"E	207.96'
PLE119-120	SEE CURVE DATA	
118-PLE119	SEE CURVE DATA	
PLE119-PLE126	SEE CURVE DATA	
PLE126-PLE127	SEE CURVE DATA	
PLE127-PLE128	S25° 35' 14"E	77.45'
PLE128-PLE129	SEE CURVE DATA	
PLE129-130	S25° 21' 56"E	244.12'
130-PLE131	S25° 21' 56"E	196.56'
PLE131-125	S65° 41' 48"W	23.70'
125-132	S78° 35' 43"W	76.89'
132-133	S78° 35' 43"W	156.40'
133-100	N00° 38' 02"E	237.57'

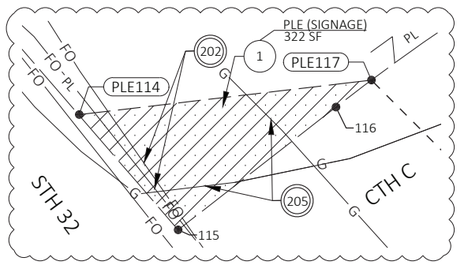
STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
100	335+24.86	-90.45'
101	336+21.62	-53.51'
102	338+23.97	-42.16'
107	342+35.62	-41.68'
108	342+35.63	-62.68'
109	343+71.66	-62.60'
110	343+71.07	-78.77'
111	343+78.26	-80.17'
112	344+49.26	0.00'
113	344+76.59	33.77'
115	341+89.27	26.19'
116	341+87.74	52.52'
118	341+22.93	64.00'
120	341+23.67	49.85'
121	341+24.21	25.23'
122	339+52.60	24.03'
123	337+04.90	23.64'
124	334+76.94	38.44'
125	332+79.00	76.90'
130	334+68.56	63.24'
132	332+79.00	0.00'
133	332+79.00	-156.40'
134	334+90.44	0.00'

TLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
TLE140	339+01.00	-42.04'
TLE141	339+09.00	-56.00'
TLE142	339+50.00	-56.00'
TLE143	339+71.00	-41.95'
TLE144	340+78.05	-41.83'
TLE145	340+90.00	-57.00'
TLE146	341+24.00	-57.00'
TLE147	341+25.00	-49.00'
TLE148	342+12.00	-50.00'
TLE149	342+11.99	-41.70'
TLE150	343+63.00	-62.61'
TLE151	340+90.00	64.00'
TLE152	339+43.00	61.00'
TLE153	338+06.89	54.00'
TLE154	336+47.00	58.00'
TLE155	332+88.00	119.00'

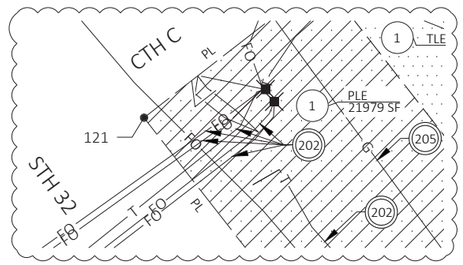
PLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
PLE103	341+08.00	-41.79'
PLE104	341+08.00	-53.00'
PLE105	341+24.00	-53.00'
PLE106	341+24.00	-41.78'
PLE114	342+09.00	26.54'
PLE117	341+87.34	58.39'
PLE119	341+23.50	55.00'
PLE126	339+52.57	53.81'
PLE127	339+00.00	53.74'
PLE128	338+25.00	47.00'
PLE129	337+04.86	46.80'
PLE131	332+84.00	100.00'



DETAIL A



DETAIL B



DETAIL C

PROJECT NUMBER 9130-03-22-4.01
SHEET 3 OF 3
AMENDMENT NO:___ 143

COMPOSITE DRAWING, ORIGINAL ON FILE AT THE REGISTER OF DEEDS OFFICE

TRANSPORTATION PROJECT PLAT NO: 9130-03-22 - 4.02

THAT PART OF LOT 9, BLOCK M, PART OF BLOCK N AND PART OF BLOCK O OF THE PLAT OF RUSCH'S 2ND ADDITION TO WABENO LOCATED IN PART OF THE SW1/4 OF THE SE1/4, AND INCLUDING PART OF THE SW1/4 OF THE SE1/4, ALL IN SECTION 8, TOWNSHIP 34 NORTH, RANGE 15 EAST, TOWN OF WABENO, FOREST COUNTY, WISCONSIN.

RELOCATION ORDER - STH 32, WABENO - CRANDON (CTH C TO FOREST AVE), FOREST COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

DOC #237362
CORTNEY BRITTEN CLEEREMAN
REGISTER OF DEEDS
FOREST COUNTY, WI
RECEIVED FOR RECORD
May 02, 2022
8:30 AM
RECORDING FEE: $25.00
TRANSFER FEE: $0.00
FEE EXEMPT: #
NUMBER OF PAGES: 2
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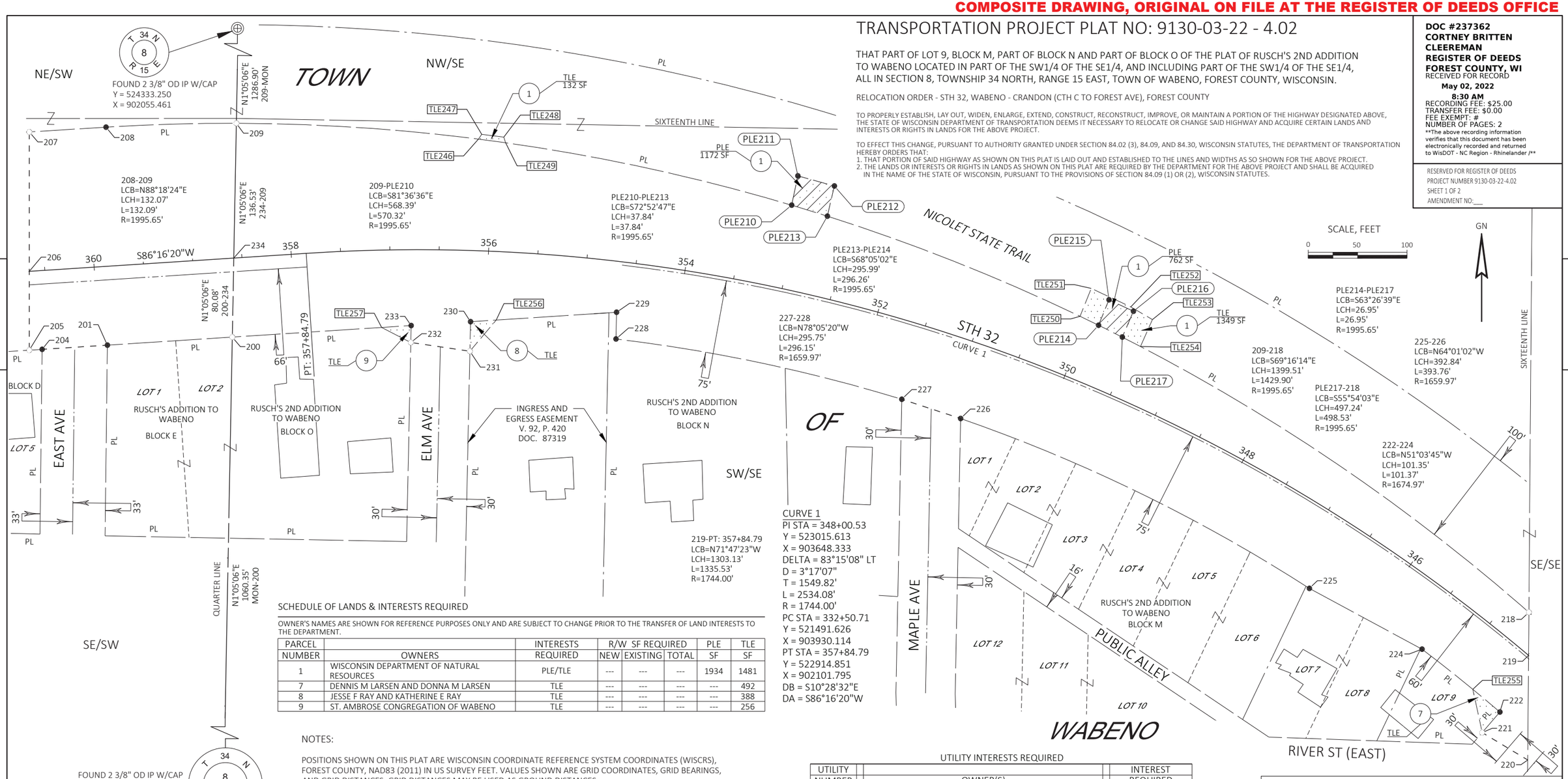
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9130-03-22-4.02
SHEET 1 OF 2
AMENDMENT NO:___



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNERS	INTERESTS REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	PLE SF	TLE SF
1	WISCONSIN DEPARTMENT OF NATURAL RESOURCES	PLE/TLE	---	---	---	1934	1481
7	DENNIS M LARSEN AND DONNA M LARSEN	TLE	---	---	---	---	492
8	JESSE F RAY AND KATHERINE E RAY	TLE	---	---	---	---	388
9	ST. AMBROSE CONGREGATION OF WABENO	TLE	---	---	---	---	256

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), FOREST 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 3/4"X24" IRON REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR STH 32: R/W PLAT T 042-1(12), RUSCH'S ADDITION TO WABENO, RUSCH'S 2ND ADDITION TO WABENO, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR EAST AVE: R/W PLAT T 042-1(12), RUSCH'S ADDITION TO WABENO, AND EXISTING CENTERLINE.

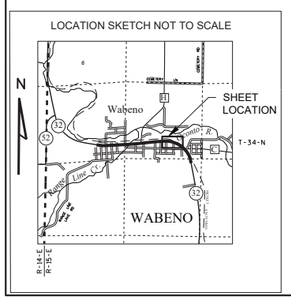
EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR ELM AVE: R/W PLAT T 042-1(12), RUSCH'S 2ND ADDITION TO WABENO, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR MAPLE AVE: R/W PLAT T 042-1(12), RUSCH'S 2ND ADDITION TO WABENO, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR RIVER ST: R/W PLAT T 042-1(12), RUSCH'S 2ND ADDITION TO WABENO, AND EXISTING CENTERLINE.

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

LOCATION SKETCH NOT TO SCALE



UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
206	WABENO SANITARY DISTRICT #1 (SANITARY)	RELEASE OF RIGHTS
207	WABENO SANITARY DISTRICT #1 (WATER)	RELEASE OF RIGHTS

(206) WABENO SANITARY DISTRICT #1 (SANITARY)
VOL. 110 PG. 163 DOC. 100787 - PAR. 8

(207) WABENO SANITARY DISTRICT #1 (WATER)
VOL. 110 PG. 163 DOC. 100787 - PAR. 8

ALL PLES ARE FOR DRAINAGE PURPOSES UNLESS OTHERWISE NOTED

SEE SHEET 2 OF 2 FOR TABLES.

ALL TLES ARE FOR SLOPE GRADING PURPOSES

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3, IN TRANSPORTATION PROJECT PLATS AS DOCUMENT NO. 237298 FOR ADDITIONAL INFORMATION.

emcs inc

I, KEVIN C. BOYER PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN KEVIN C. BOYER S-2675 HEWITT WI LAND SURVEYOR

SIGNATURE: Kevin C. Boyer DATE: 04/27/2022
PRINT NAME: KEVIN C. BOYER
REGISTRATION NUMBER: S-2675

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

SIGNATURE: Brent L Stella DATE: 4-28-22
PRINT NAME: Brent L Stella

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\TPP\040101-RP.DWG
PLOT DATE : 4/27/2022 10:38 AM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT
APPRAISAL PLAT DATE : 04/27/2022

9130-03-22-4.02

COMPOSITE DRAWING, ORIGINAL ON FILE AT THE REGISTER OF DEEDS OFFICE

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), FOREST 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.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3, IN TRANSPORTATION PROJECT PLATS AS DOCUMENT NO. 237298 FOR ADDITIONAL INFORMATION.

TRANSPORTATION PROJECT PLAT NO: 9130-03-22 - 4.02
EXTENSION SHEET

RELOCATION ORDER - STH 32, WABENO - CRANDON (CTH C TO FOREST AVE), FOREST COUNTY

GN

4

COURSE TABLE		
COURSE	BEARING	DISTANCE
200-201	S86° 18' 25"W	126.82'
201-204	S86° 18' 25"W	66.19'
204-205	S86° 18' 25"W	13.03'
205-206	N00° 00' 00"E	79.84'
206-207	N00° 00' 00"E	141.22'
207-208	N86° 24' 38"E	77.85'
208-209	SEE CURVE DATA	
209-218	SEE CURVE DATA	
209-PLE210	SEE CURVE DATA	
PLE210-PLE213	SEE CURVE DATA	
PLE210-PLE211	N11° 55' 55"E	30.36'
PLE211-PLE212	S74° 29' 14"E	38.40'
PLE212-PLE213	S13° 07' 13"W	31.39'
PLE213-PLE214	SEE CURVE DATA	
PLE214-PLE217	SEE CURVE DATA	
PLE214-PLE215	N22° 27' 17"E	27.78'
PLE215-PLE216	S65° 01' 34"E	27.32'
PLE216-PLE217	S23° 18' 02"W	28.51'
PLE217-218	SEE CURVE DATA	
218-219	S00° 26' 29"W	43.61'
219-220	S00° 26' 29"W	106.00'
220-221	N58° 56' 59"W	53.85'
221-222	N40° 40' 16"E	27.42'
222-224	SEE CURVE DATA	
224-225	N61° 38' 57"W	129.62'
225-226	SEE CURVE DATA	
226-227	N71° 53' 43"W	62.73'
227-228	SEE CURVE DATA	
228-229	N01° 12' 03"E	27.05'
229-230	S86° 18' 25"W	148.21'
230-231	S01° 12' 03"W	29.88'
231-232	N81° 36' 53"W	60.47'
232-233	N01° 12' 03"E	17.18'
233-200	S86° 18' 25"W	181.49'

STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
200	358+64.96	-79.80'
201	359+91.78	-79.72'
204	360+57.97	-79.68'
205	360+71.00	-79.67'
206	360+65.80	0.00'
207	360+56.62	140.92'
208	359+78.77	140.74'
209	358+46.78	136.05'
218	344+76.59	33.77'
219	344+49.26	0.00'
220	343+78.26	-80.17'
221	344+33.92	-90.00'
222	344+33.91	-62.58'
224	345+39.05	-62.56'
225	346+73.23	-77.57'
226	350+85.35	-77.83'
227	351+51.01	-77.91'
228	354+61.04	-78.37'
229	354+63.82	-51.45'
230	356+16.02	-72.12'
231	356+15.68	-102.00'
232	356+79.19	-94.00'
233	356+78.73	-76.83'
234	358+58.24	0.00'

PLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
PLE210	353+08.00	84.64'
PLE211	353+08.00	115.00'
PLE212	352+72.00	113.00'
PLE213	352+72.00	81.62'
PLE214	349+88.00	60.22'
PLE215	349+88.00	88.00'
PLE216	349+62.00	87.00'
PLE217	349+62.00	58.49'

TLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
TLE246	356+14.00	113.06'
TLE247	356+11.00	118.00'
TLE248	355+90.00	116.00'
TLE249	355+88.00	110.47'
TLE250	350+08.00	61.57'
TLE251	350+08.00	92.00'
TLE252	349+66.00	90.00'
TLE253	349+42.00	87.00'
TLE254	349+42.00	57.18'
TLE255	344+71.00	-62.57'
TLE256	355+89.00	-69.42'
TLE257	357+10.00	-78.36'

PROJECT NUMBER 9130-03-22-4.02
SHEET 2 OF 2
AMENDMENT NO:___ 145

COMPOSITE DRAWING, ORIGINAL ON FILE AT THE REGISTER OF DEEDS OFFICE

TRANSPORTATION PROJECT PLAT NO: 9130-03-22 - 4.03 AMENDMENT NO. 1

AMENDS PARCEL 16 AND ADDS PARCEL 15 TO TRANSPORTATION PROJECT PLAT 9130-03-22-4.03 RECORDED AS DOCUMENT NUMBER 237363

THAT PART OF LOTS 1 - 3 OF HUETTL'S ADDITION TO WABENO, PART LOTS 1 - 7 OF BLOCK 1 OF JONE'S ADDITION TO THE VILLAGE OF WABENO, PART OF OUTLOT B OF BAZELEY'S SUBDIVISION OF OUTLOT A OF JONE'S ADDITION TO THE VILLAGE OF WABENO, PART OF LOT 1 OF CSM RECORDED IN VOLUME 5, PAGE 72 AS DOCUMENT 158196 AND PART OF LOT 1 OF CSM RECORDED IN VOLUME 10, PAGE 83 - 83A AS DOCUMENT 235465, BEING PART OF THE SW1/4 OF THE SW1/4, PART OF THE SW1/4 OF THE SW1/4, PART OF LOT 1 OF BLOCK A AND PART OF LOT 1 OF BLOCK B OF RUSCH'S ADDITION TO WABANO, BEING PART OF THE SE1/4 OF THE SW1/4, ALL IN SECTION 8, TOWNSHIP 34 NORTH, RANGE 15 EAST, TOWN OF WABENO, FOREST COUNTY, WISCONSIN.

RELOCATION ORDER - STH 32, WABENO - CRANDON (CTH C TO FOREST AVE), FOREST COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

(201) CCI SYSTEMS, INC. D/B/A ASTREA (COMMUNICATION)
NO RECORD OF EASEMENT - PAR. 12

(202) TELEPHONE USA OF WISCONSIN, LLC D/B/A CENTURYLINK (COMMUNICATION)
NO RECORD OF EASEMENT - PAR. ~~12,~~ 17, 18 & 28 **REMOVED PER DOCUMENT # 239453**

(203) FOREST COUNTY ~~POTAWATOMI IT DEPT~~ (COMMUNICATION)
NO RECORD OF EASEMENT - PAR. 28 **COMMUNITY PER DOCUMENT # 241947**

(204) WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)
NO RECORD OF EASEMENT - PAR. 13, 22 & 28

(205) WISCONSIN PUBLIC SERVICE CORPORATION (GAS)
NO RECORD OF EASEMENT - PAR. 28

(206) WABENO SANITARY DISTRICT #1 (SANITARY)
DOC. 98086 - PAR. 27
DOC. 98145 - PAR. 27
VOL. 106 PG. 830 DOC. 98463 - PAR. 24
VOL. 110 PG. 164 DOC. 100789 - PAR. 21
VOL. 110 PG. 169 DOC. 100794 - PAR. 22
VOL. 111 PG. 658 DOC. 101906 - PAR. 22 & 23

(207) WABENO SANITARY DISTRICT #1 (WATER)
DOC. 98086 - PAR. 27
DOC. 98145 - PAR. 27
VOL. 106 PG. 830 DOC. 98463 - PAR. 24
VOL. 110 PG. 164 DOC. 100789 - PAR. 21
VOL. 111 PG. 658 DOC. 101906 - PAR. 22 & 23
NO RECORD OF EASEMENT - PAR. 28

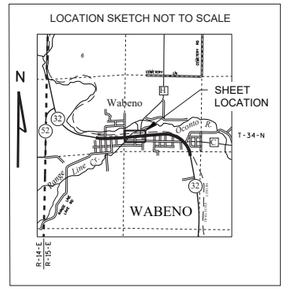
REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3, IN TRANSPORTATION PROJECT PLATS AS DOCUMENT NO. 237298 FOR ADDITIONAL INFORMATION.

SEE SHEET 2 OF 2 FOR TABLES & DETAILS.

ALL TLES ARE FOR SLOPE GRADING PURPOSES

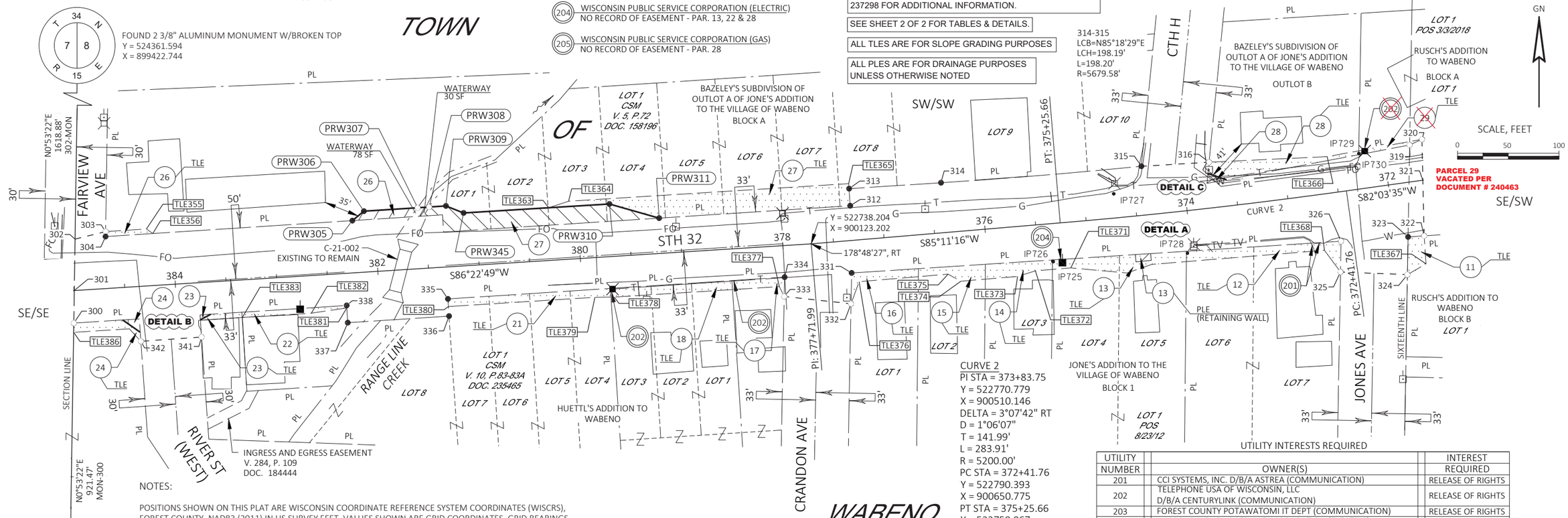
ALL PLES ARE FOR DRAINAGE PURPOSES UNLESS OTHERWISE NOTED

LOCATION SKETCH NOT TO SCALE



DOC #238043
CORTNEY BRITTEN
CLEEREMAN
REGISTER OF DEEDS
FOREST COUNTY, WI
RECEIVED FOR RECORD
Jul 29, 2022
8:30 AM
RECORDING FEE: $25.00
TRANSFER FEE: $0.00
FEE EXEMPT: #
NUMBER OF PAGES: 2
The above recording information verifies that this document has been electronically recorded and returned to WisDOT - NC Region - Rhinelander /

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9130-03-22-4.03
SHEET 1 OF 2
AMENDMENT NO: 1



NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), FOREST 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 3/4"X24" IRON REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR STH 32: R/W PLAT T 042-1(12), RUSCH'S ADDITION TO WABENO, JONE'S ADDITION TO THE VILLAGE OF WABENO, HUETTL'S ADDITION TO WABENO, BAZELEY'S SUBDIVISION OF OUTLOT A OF JONE'S ADDITION TO THE VILLAGE OF WABENO, CSM DOC. 158196, CSM DOC. 235465, PLAT OF SURVEYS, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR FAIRVIEW AVE: R/W PLAT T 042-1(12), AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR RIVER ST: R/W PLAT T 042-1(12), AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR CRANDON AVE: R/W PLAT T 042-1(12), JONE'S ADDITION TO THE VILLAGE OF WABENO, HUETTL'S ADDITION TO WABENO, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR CTH H: R/W PLAT T 042-1(12), BAZELEY'S SUBDIVISION OF OUTLOT A OF JONE'S ADDITION TO THE VILLAGE OF WABENO, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR JONES AVE: R/W PLAT T 042-1(12), RUSCH'S ADDITION TO WABENO, JONE'S ADDITION TO THE VILLAGE OF WABENO, AND EXISTING CENTERLINE

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

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
201	CCI SYSTEMS, INC. D/B/A ASTREA (COMMUNICATION)	RELEASE OF RIGHTS
202	TELEPHONE USA OF WISCONSIN, LLC D/B/A CENTURYLINK (COMMUNICATION)	RELEASE OF RIGHTS
203	FOREST COUNTY POTAWATOMI IT DEPT (COMMUNICATION)	RELEASE OF RIGHTS
204	WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)	RELEASE OF RIGHTS
205	WISCONSIN PUBLIC SERVICE CORPORATION (GAS)	RELEASE OF RIGHTS
206	WABENO SANITARY DISTRICT #1 (SANITARY)	RELEASE OF RIGHTS
207	WABENO SANITARY DISTRICT #1 (WATER)	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNERS	INTERESTS REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	PLE SF	TLE SF
11	TIMOTHY CHAMPINE AND LEAH CHAMPINE	TLE	---	---	---	---	557
12	DAVID L ENZENBACHER	TLE	---	---	---	---	1534
13	SCOTT M MATTHEWS	PLE/TLE	---	---	---	105	1497
14	DALE MORAVEC AND LORI MORAVEC	TLE	---	---	---	---	820
15	FOREST COUNTY POTAWATOMI COMMUNITY AND WAYNE A. TUCKWAB LIFE ESTATE	TLE	---	---	---	---	720
16	FOREST COUNTY POTAWATOMI COMMUNITY	TLE	---	---	---	---	640
17	LEE S SHEUERMAN	TLE	---	---	---	---	485
18	KENNETH A. ST. PETER AND BEVERLY A. ST. PETER	TLE	---	---	---	---	1057
21	MIDWEST WI, LLC	TLE	---	---	---	---	1231
22	CYNTHIA WALKER, AS VENDOR AND CHRISTINA MIELKE AND ROBERT KELLY JR., AS VENDEES	TLE	---	---	---	---	494
23	CASSIDY'S CAFE, LLC	FEE/TLE	25	---	25	---	189
24	TOWN OF WABENO	FEE/TLE	108	---	108	---	552
26	ELLIS H. SCHMIDT AND BARBARA C. SCHMIDT	FEE/TLE	550	---	550	---	212
27	KRIST OIL CO.	FEE/TLE	3511	---	3511	---	5067
28	BRUCE PONTON AND CHRISTY PONTON	FEE/TLE	90	---	90	---	1466
~~29~~	~~ALAN D. PICHOTTA~~	~~TLE~~	—	—	—	—	~~200~~

emcs.inc

I, KEVIN C. BOYER PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN KEVIN C. BOYER S-2675 HEWITT WI LAND SURVEYOR

SIGNATURE: Kevin C. Boyer DATE: 07/27/2022
PRINT NAME: KEVIN C. BOYER
REGISTRATION NUMBER: S-2675

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

SIGNATURE: Brent L Stella DATE: 7/28/22
PRINT NAME: Brent L. Stella

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\TPP\040101-RP.DWG
APPRAISAL PLAT DATE : 07/27/2022
PLOT DATE : 7/27/2022 3:59 PM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : 1 IN:100 FT

COMPOSITE DRAWING, ORIGINAL ON FILE AT THE REGISTER OF DEEDS OFFICE

TRANSPORTATION PROJECT PLAT NO: 9130-03-22 - 4.03 AMENDMENT NO. 1
EXTENSION SHEET

AMENDS PARCEL 16 AND ADDS PARCEL 15 TO TRANSPORTATION PROJECT PLAT 9130-03-22-4.03 RECORDED AS DOCUMENT NUMBER 237363

RELOCATION ORDER - STH 32, WABENO - CRANDON (CTH C TO FOREST AVE), FOREST COUNTY

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), FOREST 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.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3, IN TRANSPORTATION PROJECT PLATS AS DOCUMENT NO. 237298 FOR ADDITIONAL INFORMATION.

ALL PLES ARE FOR DRAINAGE PURPOSES UNLESS OTHERWISE NOTED

ALL TLES ARE FOR SLOPE GRADING PURPOSES

DETAILS ARE NOT TO SCALE

GN

4

4

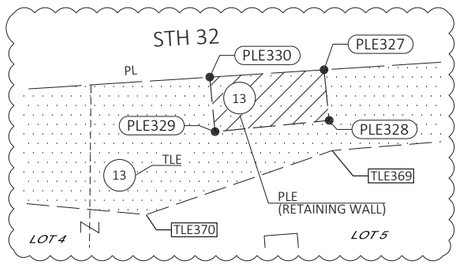
COURSE TABLE		
COURSE	BEARING	DISTANCE
300-301	N00° 53' 22"E	32.05'
301-302	N00° 53' 22"E	50.66'
302-303	N76° 10' 01"E	31.02'
303-304	S00° 53' 22"W	4.92'
304-PRW305	N86° 18' 25"E	243.69'
PRW305-PRW306	N50° 47' 02"E	14.76'
PRW306-PRW307	N86° 22' 49"E	53.07'
PRW307-PRW308	N86° 22' 49"E	11.36'
PRW308-PRW309	N86° 22' 49"E	16.57'
PRW309-PRW345	S68° 25' 07"E	18.79'
PRW345-PRW310	N86° 29' 09"E	144.00'
PRW310-PRW311	S74° 10' 57"E	50.90'
PRW311-312	N86° 18' 25"E	188.70'
312-313	N03° 41' 35"W	16.84'
313-314	N86° 18' 25"E	90.83'
314-315	SEE CURVE DATA	
315-316	N86° 34' 15"E	66.83'
316-PRW317	S05° 37' 59"W	11.25'
PRW317-PRW318	S71° 48' 22"E	19.13'
PRW318-319	N79° 18' 36"E	183.81'
319-320	N65° 03' 46"E	13.34'
320-321	S01° 19' 41"E	40.27'
321-322	S01° 19' 41"E	54.79'
322-323	S86° 18' 25"W	15.89'
323-324	S00° 59' 10"W	37.17'
324-325	N87° 43' 57"W	66.02'
325-326	N00° 59' 10"E	30.29'
326-331	S86° 17' 17"W	483.39'
326-PLE327	S86° 17' 17"W	188.04'
PLE327-PLE330	S86° 17' 17"W	15.12'
PLE327-PLE328	S05° 45' 22"E	6.71'
PLE328-PLE329	S84° 19' 36"W	15.13'
PLE329-PLE330	N05° 35' 27"W	7.23'
PLE330-331	S86° 17' 17"W	280.23'
331-332	S01° 07' 42"W	30.26'
332-333	N83° 49' 18"W	66.26'
333-334	N01° 07' 42"E	19.02'
334-335	S86° 18' 25"W	332.55'
335-336	S03° 41' 35"E	17.00'
336-337	S86° 18' 25"W	100.00'
337-338	N03° 41' 35"W	17.00'
338-PRW339	S86° 18' 25"W	134.22'
PRW339-PRW340	S62° 16' 31"W	11.59'
PRW340-341	S04° 02' 18"E	17.05'
341-342	S85° 57' 42"W	60.00'
342-PRW343	N04° 02' 18"W	9.00'
PRW343-PRW344	N55° 06' 51"W	21.06'
PRW344-300	S86° 18' 25"W	48.33'

TLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
TLE355	384+25.00	56.00'
TLE356	384+19.00	51.16'
TLE363	380+28.00	51.85'
TLE364	380+08.00	57.00'
TLE365	377+30.25	56.00'
TLE366	372+56.00	36.00'
TLE367	371+74.00	-82.00'
TLE368	372+71.00	-55.00'
TLE369	374+40.00	-49.00'
TLE370	374+65.00	-55.00'
TLE371	375+19.00	-45.00'
TLE372	375+54.00	-45.00'
TLE373	375+72.00	-49.00'
TLE374	376+28.00	-49.00'
TLE375	376+40.00	-41.00'
TLE376	377+28.00	-41.00'
TLE377	378+06.00	-40.00'
TLE378	379+69.00	-40.00'
TLE379	379+88.00	-39.00'
TLE380	381+32.78	-39.00'
TLE381	382+32.78	-34.00'
TLE382	382+68.00	-37.00'
TLE383	383+36.12	-36.85'
TLE384	383+77.58	-37.00'
TLE385	384+48.00	-41.00'
TLE386	385+03.04	-41.00'

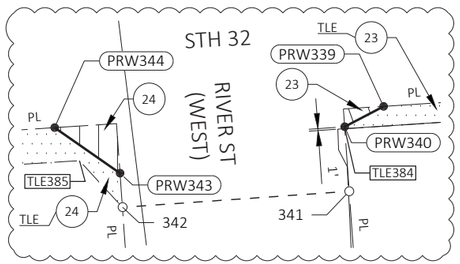
STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
300	385+02.33	-31.95'
301	384+99.81	0.00'
302	384+95.83	50.50'
303	384+65.30	56.00'
304	384+65.69	51.10'
PRW305	382+22.00	51.41'
PRW306	382+10.00	60.00'
PRW307	381+56.93	60.00'
PRW308	381+45.57	60.00'
PRW309	381+29.00	60.00'
PRW310	379+68.00	51.74'
PRW311	379+20.00	34.80'
312	377+30.58	34.18'
313	377+30.25	51.02'
314	376+39.44	49.25'
315	374+40.47	48.14'
316	373+73.10	45.00'
PRW317	373+75.48	34.00'
PRW318	373+58.00	25.99'
319	371+73.81	36.10'
320	371+61.05	40.00'
321	371+65.69	0.00'
322	371+72.00	-54.43'
323	371+87.85	-53.25'
324	371+93.61	-89.97'
325	372+58.34	-78.30'
326	372+53.77	-48.36'
331	377+34.67	-31.91'
332	377+37.80	-62.00'
333	378+01.81	-50.00'
334	378+00.24	-31.05'
335	381+32.79	-31.48'
336	381+32.77	-48.48'
337	382+32.77	-48.60'
338	382+32.79	-31.61'
PRW339	383+67.00	-31.78'
PRW340	383+77.58	-36.51'
341	383+77.46	-53.56'
342	384+37.45	-54.00'
PRW343	384+37.52	-45.00'
PRW344	384+54.00	-31.89'
PRW345	381+12.00	52.00'

PLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
PLE327	374+40.00	-38.29'
PLE328	374+40.00	-45.00'
PLE329	374+55.00	-45.00'
PLE330	374+55.00	-37.77'

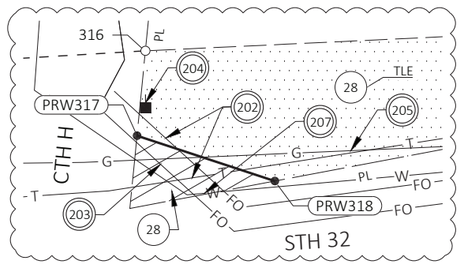
EXISTING MONUMENTS			
POINT	Y (NORTHING)	X (EASTING)	DESCRIPTION
IP725	522720.542	900361.811	3/4" IRON ROD
IP726	522721.084	900361.192	1" O.D. IRON PIPE TIPPED
IP727	522787.497	900421.336	3/4" IROD TIPPED
IP728	522729.094	900494.027	5/8" IRON ROD
IP729	522827.184	900662.955	3/4" IRON ROD
IP730	522834.923	900713.237	MAG NAIL



DETAIL A



DETAIL B



DETAIL C

PROJECT NUMBER 9130-03-22-4.03
SHEET 2 OF 2
AMENDMENT NO: 1

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\TPP\040101-RP.DWG
PLOT DATE : 7/28/2022 10:51 AM PLOT BY : DREW NELSON PLOT NAME : PLOT SCALE : ##########
APPRAISAL PLAT DATE : 07/27/2022

9130-03-22-4.03_A1

COMPOSITE DRAWING, ORIGINAL ON FILE AT THE REGISTER OF DEEDS OFFICE

TRANSPORTATION PROJECT PLAT NO: 9130-03-22 - 4.03

THAT PART OF LOTS 1 - 3 OF HUETTL'S ADDITION TO WABENO, PART LOTS 1 - 7 OF BLOCK 1 OF JONE'S ADDITION TO THE VILLAGE OF WABENO, PART OF OUTLOT B OF BAZELEY'S SUBDIVISION OF OUTLOT A OF JONE'S ADDITION TO THE VILLAGE OF WABENO, PART OF LOT 1 OF CSM RECORDED IN VOLUME 5, PAGE 72 AS DOCUMENT 158196 AND PART OF LOT 1 OF CSM RECORDED IN VOLUME 10, PAGE 83 - 83A AS DOCUMENT 235465, BEING PART OF THE SW1/4 OF THE SW1/4, PART OF THE SW1/4 OF THE SW1/4, PART OF LOT 1 OF BLOCK A AND PART OF LOT 1 OF BLOCK B OF RUSCH'S ADDITION TO WABANO, BEING PART OF THE SE1/4 OF THE SW1/4, ALL IN SECTION 8, TOWNSHIP 34 NORTH, RANGE 15 EAST, TOWN OF WABENO, FOREST COUNTY, WISCONSIN.

RELOCATION ORDER - STH 32, WABENO - CRANDON (CTH C TO FOREST AVE), FOREST COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

(201) CCI SYSTEMS, INC. D/B/A ASTREA (COMMUNICATION)
NO RECORD OF EASEMENT - PAR. 12

(202) TELEPHONE USA OF WISCONSIN, LLC D/B/A CENTURYLINK (COMMUNICATION)
NO RECORD OF EASEMENT - PAR. ~~12~~, 17, 18 & 28 **REMOVED PER DOCUMENT # 239453**

(203) FOREST COUNTY ~~POTAWATOMI IT DEPT~~ (COMMUNICATION)
NO RECORD OF EASEMENT - PAR. 28 **COMMUNITY PER DOCUMENT # 241947**

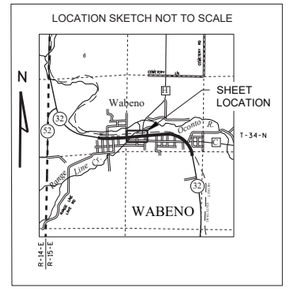
(204) WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)
NO RECORD OF EASEMENT - PAR. 13, 22 & 28

(205) WISCONSIN PUBLIC SERVICE CORPORATION (GAS)
NO RECORD OF EASEMENT - PAR. 28

(206) WABENO SANITARY DISTRICT #1 (SANITARY)
DOC. 98086 - PAR. 27
DOC. 98145 - PAR. 27
VOL. 106 PG. 830 DOC. 98463 - PAR. 24
VOL. 110 PG. 164 DOC. 100789 - PAR. 21
VOL. 110 PG. 169 DOC. 100794 - PAR. 22
VOL. 111 PG. 658 DOC. 101906 - PAR. 22 & 23

(207) WABENO SANITARY DISTRICT #1 (WATER)
DOC. 98086 - PAR. 27
DOC. 98145 - PAR. 27
VOL. 106 PG. 830 DOC. 98463 - PAR. 24
VOL. 110 PG. 164 DOC. 100789 - PAR. 21
VOL. 111 PG. 658 DOC. 101906 - PAR. 22 & 23
NO RECORD OF EASEMENT - PAR. 28

LOCATION SKETCH NOT TO SCALE



DOC #237363
CORTNEY BRITTEN CLEEREMAN
REGISTER OF DEEDS
FOREST COUNTY, WI
RECEIVED FOR RECORD
May 02, 2022
8:30 AM
RECORDING FEE: $25.00
TRANSFER FEE: $0.00
FEE EXEMPT: #
NUMBER OF PAGES: 2
The above recording information verifies that this document has been electronically recorded and returned to WisDOT - NC Region - Rhinelander /

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9130-03-22-4.03
SHEET 1 OF 2
AMENDMENT NO:___

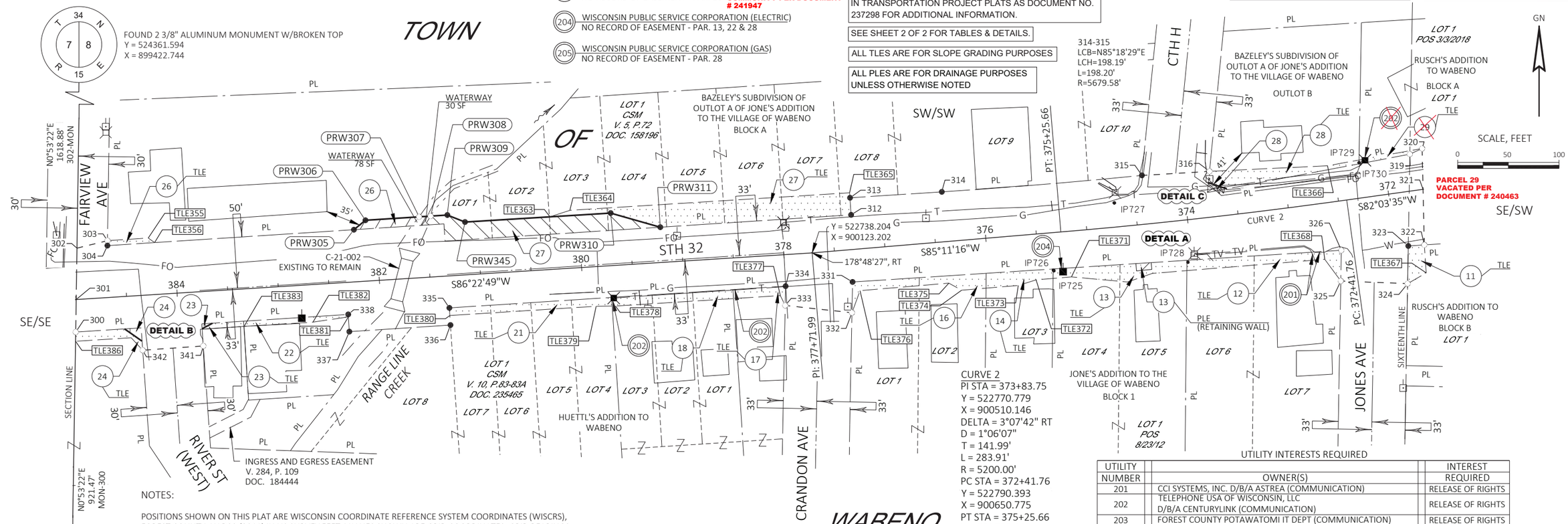
REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3, IN TRANSPORTATION PROJECT PLATS AS DOCUMENT NO. 237298 FOR ADDITIONAL INFORMATION.

SEE SHEET 2 OF 2 FOR TABLES & DETAILS.

ALL TLES ARE FOR SLOPE GRADING PURPOSES

ALL PLES ARE FOR DRAINAGE PURPOSES UNLESS OTHERWISE NOTED

FOUND 2 3/8" ALUMINUM MONUMENT W/BROKEN TOP
Y = 524361.594
X = 899422.744



FOUND ALUMINUM MONUMENT
Y = 521738.854
X = 899382.030

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), FOREST 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 3/4"X24" IRON REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR STH 32: R/W PLAT T 042-1(12), RUSCH'S ADDITION TO WABENO, JONE'S ADDITION TO THE VILLAGE OF WABENO, HUETTL'S ADDITION TO WABENO, BAZELEY'S SUBDIVISION OF OUTLOT A OF JONE'S ADDITION TO THE VILLAGE OF WABENO, CSM DOC. 158196, CSM DOC. 235465, PLAT OF SURVEYS, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR FAIRVIEW AVE: R/W PLAT T 042-1(12), AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR RIVER ST: R/W PLAT T 042-1(12), AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR CRANDON AVE: R/W PLAT T 042-1(12), JONE'S ADDITION TO THE VILLAGE OF WABENO, HUETTL'S ADDITION TO WABENO, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR CTH H: R/W PLAT T 042-1(12), BAZELEY'S SUBDIVISION OF OUTLOT A OF JONE'S ADDITION TO THE VILLAGE OF WABENO, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR JONES AVE: R/W PLAT T 042-1(12), RUSCH'S ADDITION TO WABENO, JONE'S ADDITION TO THE VILLAGE OF WABENO, AND EXISTING CENTERLINE

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

CURVE 2
PI STA = 373+83.75
Y = 522770.779
X = 900510.146
DELTA = 3°07'42" RT
D = 1°06'07"
T = 141.99'
L = 283.91'
R = 5200.00'
PC STA = 372+41.76
Y = 522790.393
X = 900650.775
PT STA = 375+25.66
Y = 522758.867
X = 900368.656
DB = N82°03'35"E
DA = S85°11'16"W

314-315
LCB=N85°18'29"E
LCH=198.19'
L=198.20'
R=5679.58'

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
201	CCI SYSTEMS, INC. D/B/A ASTREA (COMMUNICATION)	RELEASE OF RIGHTS
202	TELEPHONE USA OF WISCONSIN, LLC D/B/A CENTURYLINK (COMMUNICATION)	RELEASE OF RIGHTS
203	FOREST COUNTY POTAWATOMI IT DEPT (COMMUNICATION)	RELEASE OF RIGHTS
204	WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)	RELEASE OF RIGHTS
205	WISCONSIN PUBLIC SERVICE CORPORATION (GAS)	RELEASE OF RIGHTS
206	WABENO SANITARY DISTRICT #1 (SANITARY)	RELEASE OF RIGHTS
207	WABENO SANITARY DISTRICT #1 (WATER)	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNERS	INTERESTS REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	PLE SF	TLE SF
11	TIMOTHY CHAMPINE AND LEAH CHAMPINE	TLE	---	---	---	---	557
12	DAVID L ENZENBACHER	TLE	---	---	---	---	1534
13	SCOTT M MATTHEWS	PLE/TLE	---	---	---	105	1497
14	DALE MORAVEC AND LORI MORAVEC	TLE	---	---	---	---	820
16	FOREST COUNTY POTAWATOMI COMMUNITY	TLE	---	---	---	---	1360
17	LEE S SHEUERMAN	TLE	---	---	---	---	485
18	KENNETH A. ST. PETER AND BEVERLY A. ST. PETER	TLE	---	---	---	---	1057
21	MIDWEST WI, LLC	TLE	---	---	---	---	1231
22	CYNTHIA WALKER, AS VENDOR AND CHRISTINA MIELKE AND ROBERT KELLY JR., AS VENDEES	TLE	---	---	---	---	494
23	CASSIDY'S CAFE, LLC	FEE/TLE	25	---	25	---	189
24	TOWN OF WABENO	FEE/TLE	108	---	108	---	552
26	ELLIS H. SCHMIDT AND BARBARA C. SCHMIDT	FEE/TLE	550	---	550	---	212
27	KRIST OIL CO.	FEE/TLE	3511	---	3511	---	5067
28	BRUCE PONTON AND CHRISTY PONTON	FEE/TLE	90	---	90	---	1466
~~29~~	~~ALAN D. PICHOTTA~~	~~TLE~~	—	—	—	—	~~200~~

emcs.inc

I, KEVIN C. BOYER PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN KEVIN C. BOYER S-2675 HEWITT WI LAND SURVEYOR

SIGNATURE: Kevin C. Boyer DATE: 04/28/2022
PRINT NAME: KEVIN C. BOYER
REGISTRATION NUMBER: S-2675

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

SIGNATURE: Brent L Stella DATE: 4-28-22
PRINT NAME: Brent L Stella

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\TPP\040101-RP.DWG
APPRAISAL PLAT DATE : 04/28/2022
PLOT DATE : 4/28/2022 1:38 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

9130-03-22-4.03

COMPOSITE DRAWING, ORIGINAL ON FILE AT THE REGISTER OF DEEDS OFFICE

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), FOREST 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.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3, IN TRANSPORTATION PROJECT PLATS AS DOCUMENT NO. 237298 FOR ADDITIONAL INFORMATION.

ALL PLES ARE FOR DRAINAGE PURPOSES UNLESS OTHERWISE NOTED

ALL TLES ARE FOR SLOPE GRADING PURPOSES

DETAILS ARE NOT TO SCALE

TRANSPORTATION PROJECT PLAT NO: 9130-03-22 - 4.03
EXTENSION SHEET

RELOCATION ORDER - STH 32, WABENO - CRANDON (CTH C TO FOREST AVE), FOREST COUNTY

GN

4

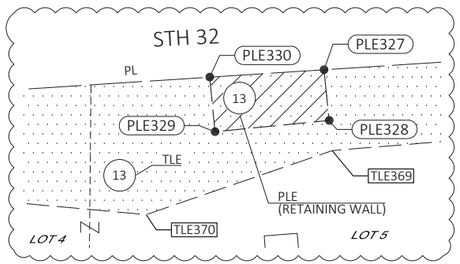
COURSE TABLE		
COURSE	BEARING	DISTANCE
300-301	N00° 53' 22"E	32.05'
301-302	N00° 53' 22"E	50.66'
302-303	N76° 10' 01"E	31.02'
303-304	S00° 53' 22"W	4.92'
304-PRW305	N86° 18' 25"E	243.69'
PRW305-PRW306	N50° 47' 02"E	14.76'
PRW306-PRW307	N86° 22' 49"E	53.07'
PRW307-PRW308	N86° 22' 49"E	11.36'
PRW308-PRW309	N86° 22' 49"E	16.57'
PRW309-PRW345	S68° 25' 07"E	18.79'
PRW345-PRW310	N86° 29' 09"E	144.00'
PRW310-PRW311	S74° 10' 57"E	50.90'
PRW311-312	N86° 18' 25"E	188.70'
312-313	N03° 41' 35"W	16.84'
313-314	N86° 18' 25"E	90.83'
314-315	SEE CURVE DATA	
315-316	N86° 34' 15"E	66.83'
316-PRW317	S05° 37' 59"W	11.25'
PRW317-PRW318	S71° 48' 22"E	19.13'
PRW318-319	N79° 18' 36"E	183.81'
319-320	N65° 03' 46"E	13.34'
320-321	S01° 19' 41"E	40.27'
321-322	S01° 19' 41"E	54.79'
322-323	S86° 18' 25"W	15.89'
323-324	S00° 59' 10"W	37.17'
324-325	N87° 43' 57"W	66.02'
325-326	N00° 59' 10"E	30.29'
326-331	S86° 17' 17"W	483.39'
326-PLE327	S86° 17' 17"W	188.04'
PLE327-PLE330	S86° 17' 17"W	15.12'
PLE327-PLE328	S05° 45' 22"E	6.71'
PLE328-PLE329	S84° 19' 36"W	15.13'
PLE329-PLE330	N05° 35' 27"W	7.23'
PLE330-331	S86° 17' 17"W	280.23'
331-332	S01° 07' 42"W	30.26'
332-333	N83° 49' 18"W	66.26'
333-334	N01° 07' 42"E	19.02'
334-335	S86° 18' 25"W	332.55'
335-336	S03° 41' 35"E	17.00'
336-337	S86° 18' 25"W	100.00'
337-338	N03° 41' 35"W	17.00'
338-PRW339	S86° 18' 25"W	134.22'
PRW339-PRW340	S62° 16' 31"W	11.59'
PRW340-341	S04° 02' 18"E	17.05'
341-342	S85° 57' 42"W	60.00'
342-PRW343	N04° 02' 18"W	9.00'
PRW343-PRW344	N55° 06' 51"W	21.06'
PRW344-300	S86° 18' 25"W	48.33'

TLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
TLE355	384+25.00	56.00'
TLE356	384+19.00	51.16'
TLE363	380+28.00	51.85'
TLE364	380+08.00	57.00'
TLE365	377+30.25	56.00'
TLE366	372+56.00	36.00'
TLE367	371+74.00	-82.00'
TLE368	372+71.00	-55.00'
TLE369	374+40.00	-49.00'
TLE370	374+65.00	-55.00'
TLE371	375+19.00	-45.00'
TLE372	375+54.00	-45.00'
TLE373	375+72.00	-49.00'
TLE374	376+28.00	-49.00'
TLE375	376+40.00	-41.00'
TLE376	377+28.00	-41.00'
TLE377	378+06.00	-40.00'
TLE378	379+69.00	-40.00'
TLE379	379+88.00	-39.00'
TLE380	381+32.78	-39.00'
TLE381	382+32.78	-34.00'
TLE382	382+68.00	-37.00'
TLE383	383+36.12	-36.85'
TLE384	383+77.58	-37.00'
TLE385	384+48.00	-41.00'
TLE386	385+03.04	-41.00'

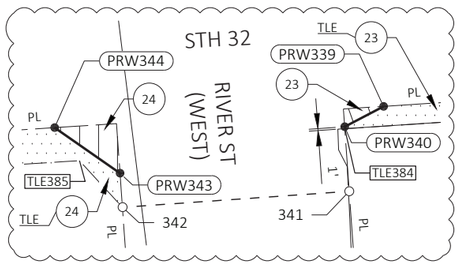
STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
300	385+02.33	-31.95'
301	384+99.81	0.00'
302	384+95.83	50.50'
303	384+65.30	56.00'
304	384+65.69	51.10'
PRW305	382+22.00	51.41'
PRW306	382+10.00	60.00'
PRW307	381+56.93	60.00'
PRW308	381+45.57	60.00'
PRW309	381+29.00	60.00'
PRW310	379+68.00	51.74'
PRW311	379+20.00	34.80'
312	377+30.58	34.18'
313	377+30.25	51.02'
314	376+39.44	49.25'
315	374+40.47	48.14'
316	373+73.10	45.00'
PRW317	373+75.48	34.00'
PRW318	373+58.00	25.99'
319	371+73.81	36.10'
320	371+61.05	40.00'
321	371+65.69	0.00'
322	371+72.00	-54.43'
323	371+87.85	-53.25'
324	371+93.61	-89.97'
325	372+58.34	-78.30'
326	372+53.77	-48.36'
331	377+34.67	-31.91'
332	377+37.80	-62.00'
333	378+01.81	-50.00'
334	378+00.24	-31.05'
335	381+32.79	-31.48'
336	381+32.77	-48.48'
337	382+32.77	-48.60'
338	382+32.79	-31.61'
PRW339	383+67.00	-31.78'
PRW340	383+77.58	-36.51'
341	383+77.46	-53.56'
342	384+37.45	-54.00'
PRW343	384+37.52	-45.00'
PRW344	384+54.00	-31.89'
PRW345	381+12.00	52.00'

PLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
PLE327	374+40.00	-38.29'
PLE328	374+40.00	-45.00'
PLE329	374+55.00	-45.00'
PLE330	374+55.00	-37.77'

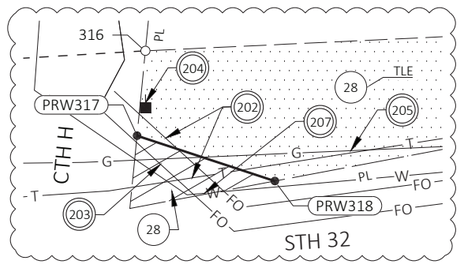
EXISTING MONUMENTS			
POINT	Y (NORTHING)	X (EASTING)	DESCRIPTION
IP725	522720.542	900361.811	3/4" IRON ROD
IP726	522721.084	900361.192	1" O.D. IRON PIPE TIPPED
IP727	522787.497	900421.336	3/4" IROD TIPPED
IP728	522729.094	900494.027	5/8" IRON ROD
IP729	522827.184	900662.955	3/4" IRON ROD
IP730	522834.923	900713.237	MAG NAIL



DETAIL A



DETAIL B



DETAIL C

COMPOSITE DRAWING, ORIGINAL ON FILE AT THE REGISTER OF DEEDS OFFICE

TRANSPORTATION PROJECT PLAT NO: 9130-03-22 - 4.04

THAT PART OF LOT 1, BLOCK 2 OF THE ORIGINAL PLAT OF THE VILLAGE OF WABENO BEING PART OF THE SW1/4 OF THE SE1/4, PART OF LOTS 1-2 AND LOT 12 OF BLOCK 3 OF THE ORIGINAL PLAT OF THE VILLAGE OF WABENO, PART OF LOTS 1-2 AND LOTS 11-12 OF BLOCK 4 OF THE ORIGINAL PLAT OF THE VILLAGE OF WABENO, PART OF LOTS 2 - 4 AND LOT 11 - 12 OF BLOCK 5 OF THE ORIGINAL PLAT OF THE VILLAGE OF WABENO, PART OF OUTLOT D OF THE ORIGINAL PLAT OF THE VILLAGE OF WABENO LOCATED IN PART OF THE SE1/4 OF THE SE1/4 AND BEING PART OF THE SE1/4 OF THE SE1/4, ALL IN SECTION 7, TOWNSHIP 34 NORTH, RANGE 15 EAST, TOWN OF WABENO, FOREST COUNTY, WISCONSIN.

RELOCATION ORDER - STH 32, WABENO - CRANDON (CTH C TO FOREST AVE), FOREST COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

(204) WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)
NO RECORD OF EASEMENT - PAR. 24

(205) WISCONSIN PUBLIC SERVICE CORPORATION (GAS)
NO RECORD OF EASEMENT - PAR. 24, ~~44, 47 & 48~~

REMOVED PER DOCUMENT # 239452

(206) WABENO SANITARY DISTRICT #1 (SANITARY)
VOL. 106 PG. 639 DOC. 98319 - PAR. 24
VOL. 106 PG. 830 DOC. 98463 - PAR. 24
VOL. 109 PG. 811 DOC. 100624 - PAR. 48

(207) WABENO SANITARY DISTRICT #1 (WATER)
VOL. 106 PG. 639 DOC. 98319 - PAR. 24
VOL. 106 PG. 830 DOC. 98463 - PAR. 24
VOL. 109 PG. 811 DOC. 100624 - PAR. 48

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), FOREST 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.

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EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR STH 32: R/W PLAT T 042-1(12), ORIGINAL PLAT OF THE VILLAGE OF WABENO, PLAT OF SURVEYS, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR CAVOUR AVE: R/W PLAT T 042-1(12), ORIGINAL PLAT OF THE VILLAGE OF WABENO, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR OCONTO AVE: R/W PLAT T 042-1(12), ORIGINAL PLAT OF THE VILLAGE OF WABENO, AND EXISTING CENTERLINE.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR CECIL AVE: R/W PLAT T 042-1(12), ORIGINAL PLAT OF THE VILLAGE OF WABENO, AND EXISTING CENTERLINE.

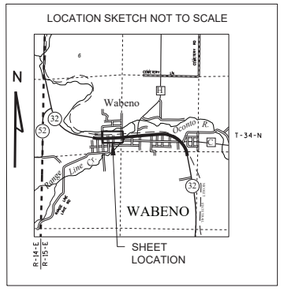
EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE FOR FAIRVIEW AVE: R/W PLAT T 042-1(12), AND EXISTING CENTERLINE.

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

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
204	WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)	RELEASE OF RIGHTS
205	WISCONSIN PUBLIC SERVICE CORPORATION (GAS)	RELEASE OF RIGHTS
206	WABENO SANITARY DISTRICT #1 (SANITARY)	RELEASE OF RIGHTS
207	WABENO SANITARY DISTRICT #1 (WATER)	RELEASE OF RIGHTS

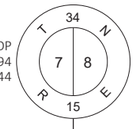
LOCATION SKETCH NOT TO SCALE

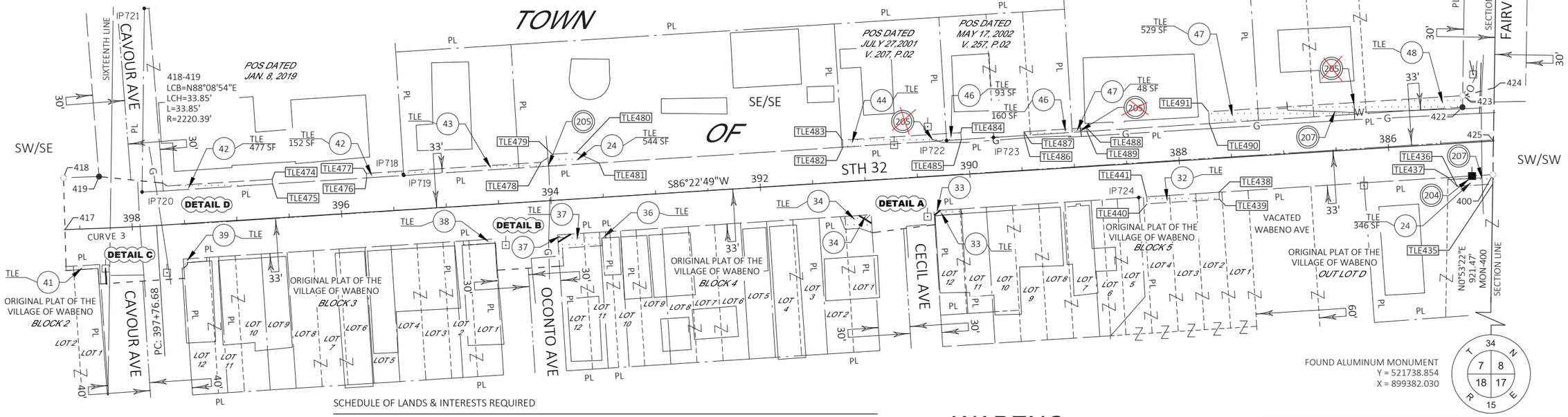


DOC #237364
CORTNEY BRITTEN CLEEREMAN
REGISTER OF DEEDS
FOREST COUNTY, WI
RECEIVED FOR RECORD
May 02, 2022
8:30 AM
RECORDING FEE: $25.00
TRANSFER FEE: $0.00
FEE EXEMPT: #
NUMBER OF PAGES: 2
The above recording information verifies that this document has been electronically recorded and returned to WisDOT - NC Region - Rhinelander /

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9130-03-22-4.04
SHEET 1 OF 2
AMENDMENT NO:___

FOUND 2 3/8" ALUMINUM MONUMENT W/BROKEN TOP
Y = 524361.594
X = 899422.744





CURVE 3
PI STA = 400+49.20
Y = 522594.436
X = 897850.529
DELTA = 13°33'42" RT
D = 2°29'59"
T = 272.53'
L = 542.50'
R = 2292.00'
PC STA = 397+76.68
Y = 522611.642
X = 898122.511
PT STA = 403+19.18
Y = 522641.488
X = 897582.096
DB = N86°22'49"E
DA = N80°03'29"W

417-PT: 403+19.18
LCB=N85°44'45"W
LCH=454.32'
L=455.06'
R=2292.00'

PC: 397+76.68-417
LCB=S87°28'24"W
LCH=87.44'
L=87.44'
R=2292.00'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNERS	INTERESTS REQUIRED	R/W SF REQUIRED NEW	EXISTING	TOTAL	PLE SF	TLE SF
24	TOWN OF WABENO	TLE	---	---	---	---	890
32	THE BOARD OF SCHOOL DIRECTORS OF DISTRICT NUMBER 1 OF THE TOWN OF WABENO	TLE	---	---	---	---	460
33	CHRISTINE MINEAU GLAZENER	FEE/TLE	14	---	14	---	118
34	LAND CONTRACT, KELLY R GRUTZIK AND JOSEPH C JACOBSON, AS VENDORS AND JODY FRYER, AS VENDEE	FEE/TLE	49	---	49	---	321
36	JOSEPH FRANK VALENTI	TLE	---	---	---	---	46
37	DAVID RENKAS	FEE/TLE	44	---	44	---	537
38	LAONA STATE BANK	TLE	---	---	---	---	122
39	SUPER RENTALS LLC	TLE	---	---	---	---	92
41	CHRISTIAN THRIFT STORE	TLE	---	---	---	---	146
42	MAPLE HOLLOW, LLC	TLE	---	---	---	---	629
43	JOHN C. HOGAN	TLE	---	---	---	---	463
44	SYLVAN POST 44	TLE	---	---	---	---	661
46	BRIAN D KLOCKOW AND MELODY E KLOCKOW REVOCABLE TRUST	TLE	---	---	---	---	253
47	NESTOR L NIEVES JR AND COLLEEN M NIEVES	TLE	---	---	---	---	577
48	KIRK DITTMER AND VICTORIA DITTMER	TLE	---	---	---	---	2169

SEE SHEET 2 OF 2 FOR TABLES & DETAILS.

ALL TLES ARE FOR SLOPE GRADING PURPOSES

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3, IN TRANSPORTATION PROJECT PLATS AS DOCUMENT NO. 237298 FOR ADDITIONAL INFORMATION.

emcs inc

I, KEVIN C. BOYER PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN KEVIN C. BOYER S-2675 HEWITT WI LAND SURVEYOR

SIGNATURE: Kevin C. Boyer DATE: 04/27/2022
PRINT NAME: KEVIN C. BOYER
REGISTRATION NUMBER: S-2675

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

SIGNATURE: Brent L Stella DATE: 4-28-22
PRINT NAME: Brent L Stella

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\TPP\040101-RP.DWG
PLOT DATE : 4/27/2022 3:06 PM PLOT BY : ADMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT
APPRAISAL PLAT DATE : 04/27/2022

9130-03-22-4.04

DOC #237364

COMPOSITE DRAWING, ORIGINAL ON FILE AT THE REGISTER OF DEEDS OFFICE

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), FOREST 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.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3, IN TRANSPORTATION PROJECT PLATS AS DOCUMENT NO. 237298 FOR ADDITIONAL INFORMATION.

ALL TLES ARE FOR SLOPE GRADING PURPOSES

DETAILS ARE NOT TO SCALE

TRANSPORTATION PROJECT PLAT NO: 9130-03-22 - 4.04
EXTENSION SHEET

RELOCATION ORDER - STH 32, WABENO - CRANDON (CTH C TO FOREST AVE), FOREST COUNTY

GN

4

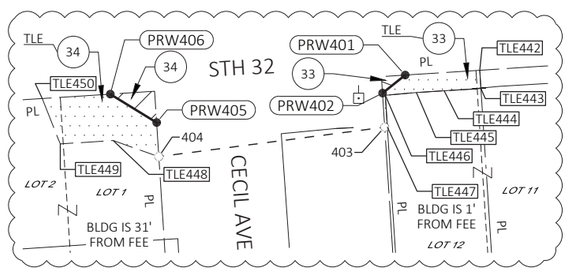
4

EXISTING MONUMENTS			
POINT	Y (NORTHING)	X (EASTING)	DESCRIPTION
IP718	522660.296	898357.688	SURVEY NAIL
IP719	522659.333	898358.128	3/4" IRON ROD
IP720	522643.493	898108.569	MAG NAIL
IP721	522818.735	898110.641	3/4" IRON ROD
IP722	522692.731	898875.522	3/4" IRON ROD W/CAP
IP723	522695.614	898920.216	3/4" IRON ROD BENT
IP724	522638.257	899058.640	2 3/8" O.D. IRON PIPE

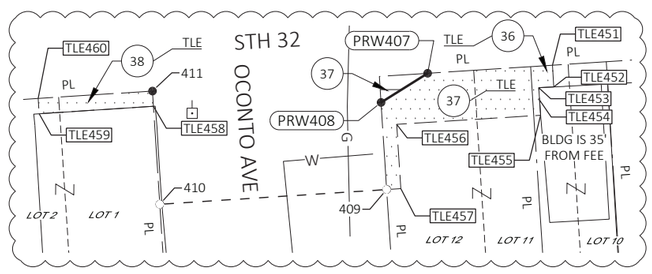
COURSE TABLE		
COURSE	BEARING	DISTANCE
400-PRW401	S86° 18' 25"W	527.67'
PRW401-PRW402	S51° 24' 53"W	7.63'
PRW402-403	S03° 41' 17"E	9.00'
403-404	S82° 33' 57"W	60.13'
404-PRW405	N03° 41' 17"W	9.00'
PRW405-PRW406	N58° 27' 49"W	14.37'
PRW406-PRW407	S86° 18' 25"W	275.00'
PRW407-PRW408	S57° 55' 10"W	14.52'
PRW408-409	S03° 42' 23"E	23.00'
409-410	S86° 17' 37"W	60.00'
410-411	N03° 42' 23"W	29.92'
411-412	S86° 18' 25"W	297.55'
412-413	S03° 52' 42"E	18.40'
413-414	S86° 07' 18"W	80.00'
414-415	N03° 52' 42"W	18.63'
415-416	S86° 18' 47"W	31.99'
416-417	N01° 38' 12"W	35.42'
417-418	N01° 38' 12"W	49.42'
418-419	SEE CURVE DATA	
419-420	S84° 10' 01"E	60.99'
420-421	S04° 29' 42"E	7.57'
421-422	N86° 18' 25"E	1241.06'
422-423	N00° 53' 22"E	11.02'
423-424	N76° 10' 01"E	31.02'
424-425	S00° 53' 22"W	50.66'
425-400	S00° 53' 22"W	32.05'

STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
400	385+02.33	-31.95'
PRW401	390+30.00	-32.63'
PRW402	390+36.26	-37.00'
403	390+36.25	-46.00'
404	390+96.24	-50.00'
PRW405	390+96.25	-41.00'
PRW406	391+08.00	-32.73'
PRW407	393+83.00	-33.08'
PRW408	393+95.77	-40.00'
409	393+95.73	-63.00'
410	394+55.73	-63.09'
411	394+55.78	-33.17'
412	397+53.33	-33.55'
413	397+53.25	-51.96'
414	398+31.97	-53.00'
415	398+32.50	-34.38'
416	398+64.00	-35.42'
417	398+64.12	0.00'
418	398+64.30	49.42'
419	398+29.70	49.42'
420	397+68.39	40.00'
421	397+68.28	32.43'
422	385+27.22	34.02'
423	385+26.36	45.00'
424	384+95.83	50.50'
425	384+99.81	0.00'

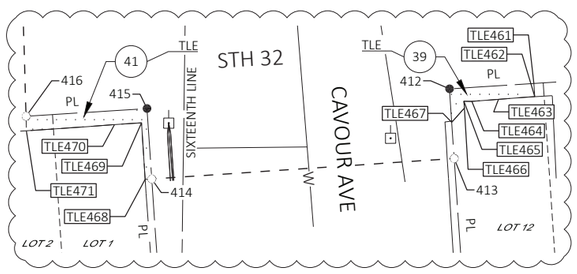
TLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
TLE435	385+03.04	-41.00'
TLE436	385+37.00	-41.00'
TLE437	385+45.00	-32.01'
TLE438	387+64.00	-32.29'
TLE439	387+64.00	-39.00'
TLE440	388+33.00	-39.00'
TLE441	388+33.00	-32.37'
TLE442	390+10.26	-32.60'
TLE443	390+10.26	-37.44'
TLE444	390+19.97	-37.41'
TLE445	390+27.34	-37.41'
TLE446	390+35.55	-37.61'
TLE447	390+35.54	-46.00'
TLE448	391+08.00	-45.00'
TLE449	391+22.00	-45.00'
TLE450	391+26.00	-32.75'
TLE451	393+50.00	-33.04'
TLE452	393+50.00	-38.77'
TLE453	393+53.98	-38.73'
TLE454	393+53.96	-42.00'
TLE455	393+53.96	-46.00'
TLE456	393+92.00	-46.00'
TLE457	393+92.00	-63.00'
TLE458	394+55.77	-37.19'
TLE459	394+86.00	-37.25'
TLE460	394+86.00	-33.21'
TLE461	397+31.00	-33.53'
TLE462	397+31.00	-36.99'
TLE463	397+40.59	-37.13'
TLE464	397+47.65	-37.22'
TLE465	397+49.72	-37.06'
TLE466	397+49.71	-38.85'
TLE467	397+53.29	-42.40'
TLE468	398+33.68	-53.00'
TLE469	398+34.08	-38.09'
TLE470	398+41.08	-38.30'
TLE471	398+64.00	-39.22'
TLE473	397+64.00	37.00'
TLE474	396+64.00	37.00'
TLE475	396+64.00	32.56'
TLE476	395+74.00	32.68'
TLE477	395+74.00	37.00'
TLE478	394+07.00	37.00'
TLE479	393+96.00	44.00'
TLE480	393+73.00	44.00'
TLE481	393+52.00	32.96'
TLE482	391+19.00	33.26'
TLE483	391+19.00	40.00'
TLE484	390+06.00	40.00'
TLE485	390+06.00	33.40'
TLE486	389+46.00	33.48'
TLE487	389+46.00	37.00'
TLE488	388+86.00	37.00'
TLE489	388+86.00	33.56'
TLE490	387+69.00	33.71'
TLE491	387+69.00	45.00'



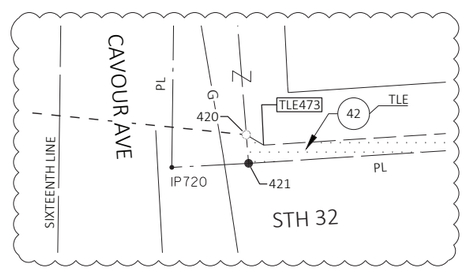
DETAIL A



DETAIL B



DETAIL C



DETAIL D

PROJECT NUMBER 9130-03-22-4.04
SHEET 2 OF 2
AMENDMENT NO:___ 151

LEGEND

- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X — GRUBBING
- F1 — ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES

SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.

STA 329+58, LT & RT
EXISTING 30" CMCP TO REMAIN
MARKERS FOR CULVERT END REQ'D

CP/BM #512
Y = 521,286.04
X = 903,909.37
ELEV = 1546.26
FENO MONUMENT 1000 W/ALUMINUM CAP SET

N

PI: 328+70.00

PI: 331+00.00

PC: 332+50.71

Y = 521,343.42
X = 903,957.52

BEGIN FULL DEPTH
PAVEMENT REPLACEMENT
STA 331+07
SAWCUT REQ'D

327+00 | N10° 28' 32"W | 328+00 | 329+00 | STH 32 | N9° 28' 44"W | 330+00 | 331+00 | N10° 28' 32"W | 332+00 | CURVE 1

BEGIN PROJECT
STA 328+70
Y=521,116.56
X=903,995.39
BUTT JOINT REQ'D
(SEE CONSTRUCTION DETAILS)

CP/BM #510
Y = 519,310.95
X = 904,417.30
ELEV = 1568.20'
NGS BRASS CAP IN CONC.

BASE AGG FE

MILL & OVERLAY

FULL DEPTH PAVEMENT REPLACEMENT

CURVE NO. 1
PI STA = 348+00.53
Y = 523015.61
X = 903648.33
PC STA = 332+50.71
Y=521491.63
X=903930.11
PT STA = 357+84.79
Y=522914.85
X=902101.79
DELTA = 83°15'08"
D = 3°17'07"
T = 1549.82'
L = 2534.08'
R = 1744.00'
PROPOSED SE = NC

FOREST COUNTY POTAWATOMI IT DEPT (COMMUNICATIONS)

WISCONSIN PUBLIC SERVICE CORPORATION (GAS)

WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)

WISCONSIN PUBLIC SERVICE CORPORATION - STREET LIGHTING (ELECTRIC)

STATE OF WISCONSIN-DNR

FOR GRAPHICAL PURPOSE ONLY

VPC STA 328+51.12
VPC EL 1549.93

VPI STA 329+03.62
VPI EL 1549.33

VPT STA 329+56.12
VPT EL 1548.57

VCL = 105.00
K = 314.63

MILL & OVERLAY
STA 331+07
BEGIN FULL DEPTH PAVEMENT REPLACEMENT

FINISHED PROFILE

-1.46%

BEGIN PROJECT
STA 328+70
BUTT JOINT REQ'D
(SEE CONSTRUCTION DETAILS)

EXISTING GROUND

STA 330+30
EL 1542.82

2.73%

0.50%

VCL = 105.00
K = 332.65

4.24%

-2.23%

STA 329+50
EL 1540.50

STA 329+60
EL 1540.29

STA 330+00
EL 1542.00

DITCH PROFILE LEFT

FINISHED PROFILE ELEVATION AT R/L

EXISTING GROUND ELEVATION AT R/L

VPC STA 330+47.89
VPC EL 1547.23

VPI STA 331+00.39
VPI EL 1546.46

VPT STA 331+52.89
VPT EL 1545.87

1560 | 1556 | 1552 | 1548 | 1544 | 1540 | 1536 | 1532

1549.95 / 1549.95 | 1549.37 / 1549.34 | 1548.67 / 1548.66 | 1547.94 / 1547.93 | 1546.98 / 1547.20 | 1546.22 / 1546.51 | 1545.59 / 1545.91 | 1545.00 / 1545.34

327+50 | 328+00 | 328+50 | 329+00 | 329+50 | 330+00 | 330+50 | 331+00 | 331+50 | 332+00

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 152	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 01

PLOT DATE : 10/12/2023 10:35 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTES
SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

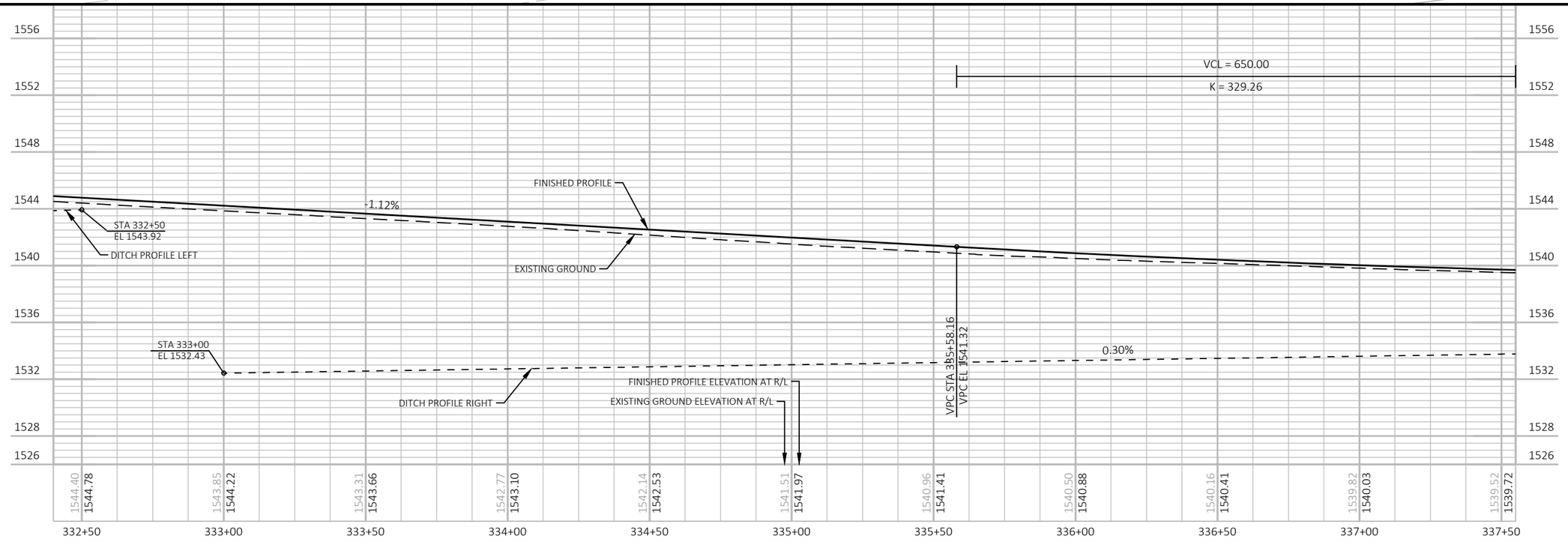
SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.

LEGEND
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- (F1) ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

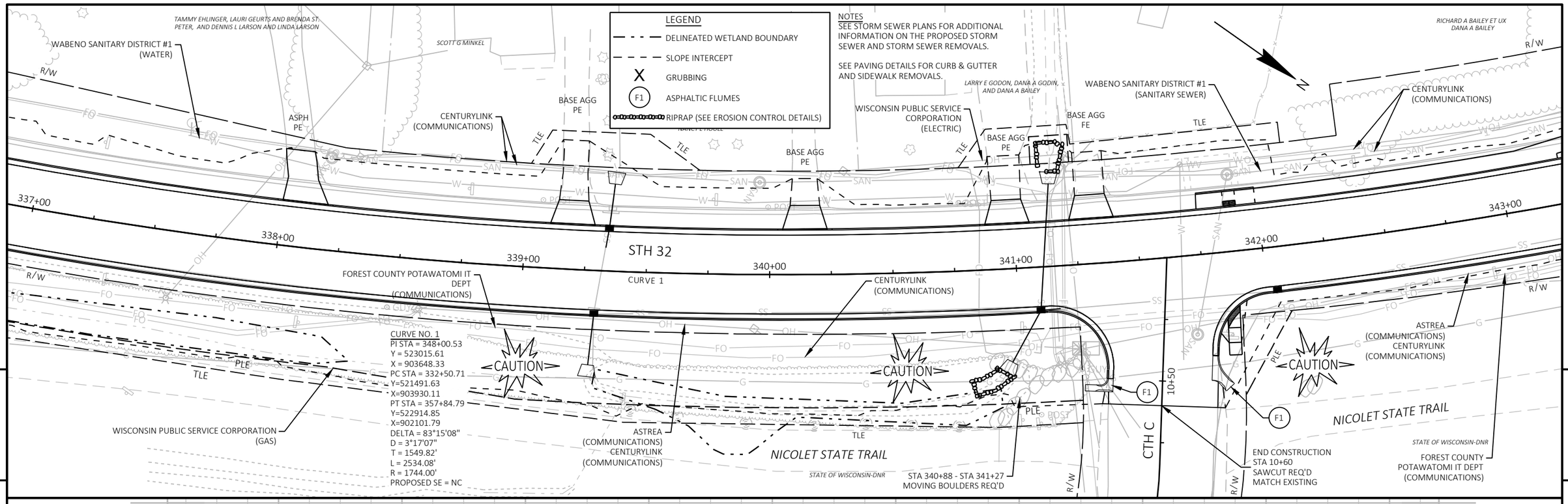
ENT
PC: 332+50.71
332+00
N10° 28' 32"W
333+00
334+00
STH 32
335+00
336+00
CURVE 1
337+00
338+00
R/W
TAMMY EHLINGER, LAURI GEURTS AND BRENDA ST. PETER, AND DENNIS L LARSON AND LINDA LARSON
WABENO SANITARY DISTRICT #1 (WATER)
CENTURYLINK (COMMUNICATIONS)
ASPH PE
R/W
FO
OH
G
FOREST COUNTY POTAWATOMI IT DEPT (COMMUNICATIONS)
WISCONSIN PUBLIC SERVICE CORPORATION - STREET LIGHTING (ELECTRIC)
R/W
GUY
X
PLE
WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)
TLE
X
WISCONSIN PUBLIC SERVICE CORPORATION (GAS)
CAUTION
STATE OF WISCONSIN-DNR
NICOLET STATE TRAIL
CENTURYLINK (COMMUNICATIONS)
ASTREA (COMMUNICATIONS)
PLE
TLE
R/W

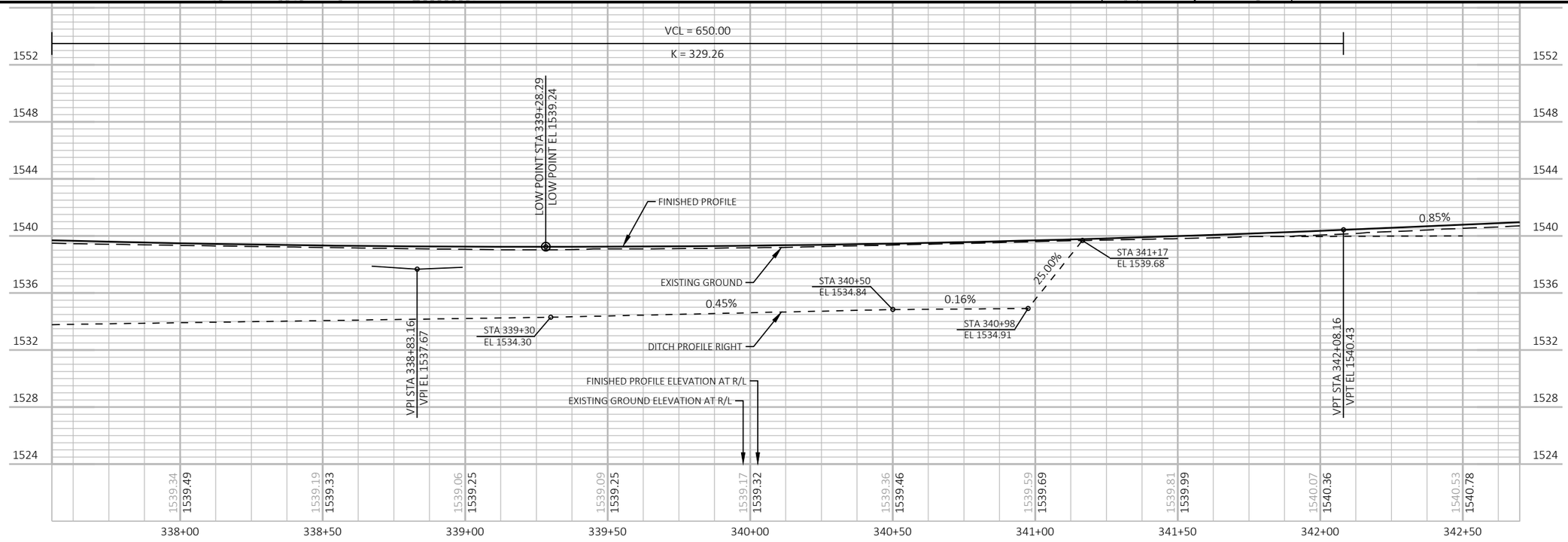
CURVE NO. 1
PI STA = 348+00.53
Y = 523015.61
X = 903648.33
PC STA = 332+50.71
Y=521491.63
X=903930.11
PT STA = 357+84.79
Y=522914.85
X=902101.79
DELTA = 83°15'08"
D = 3°17'07"
T = 1549.82'
L = 2534.08'
R = 1744.00'
PROPOSED SE = NC

5
5



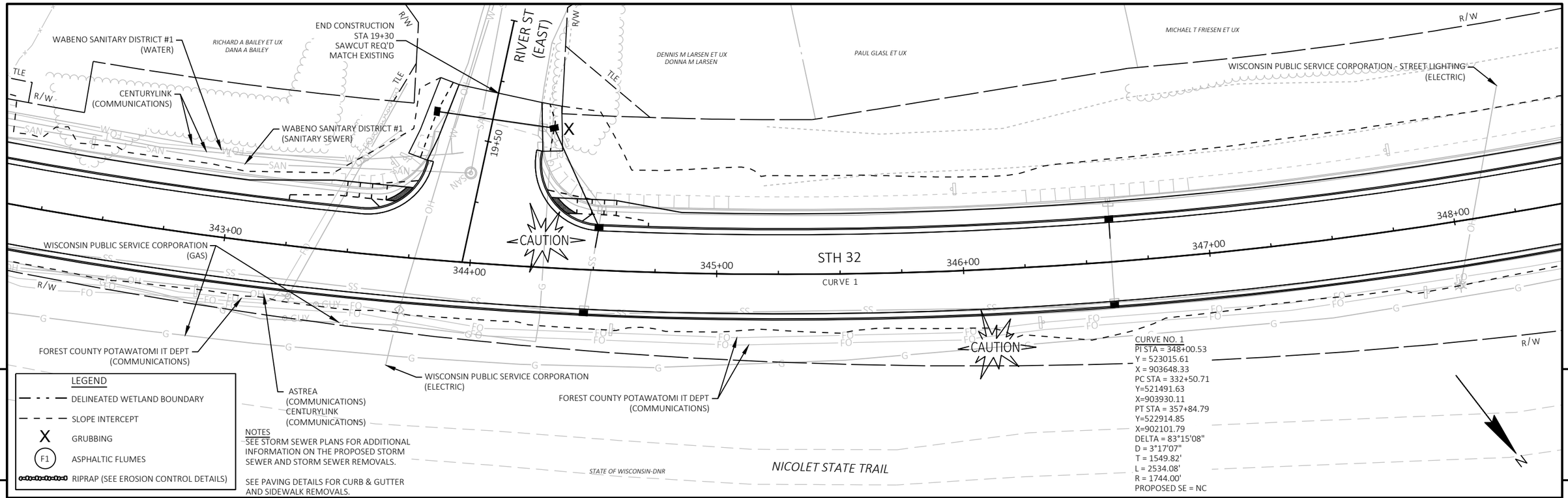
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 153	E

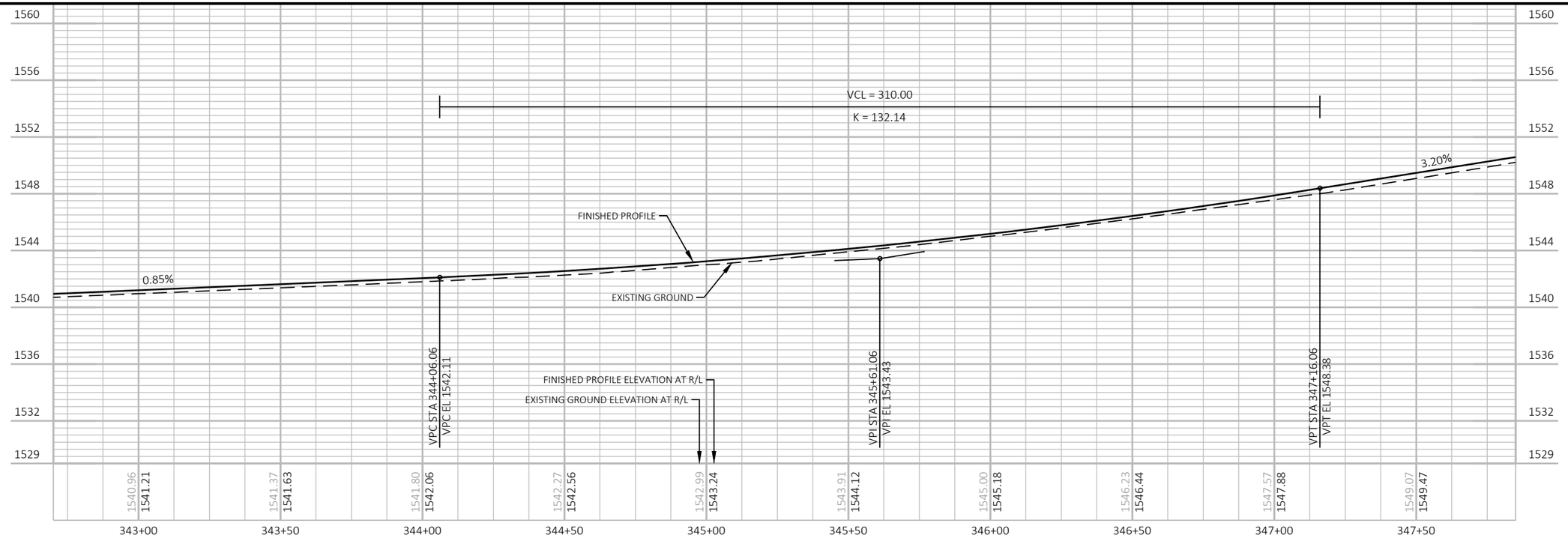




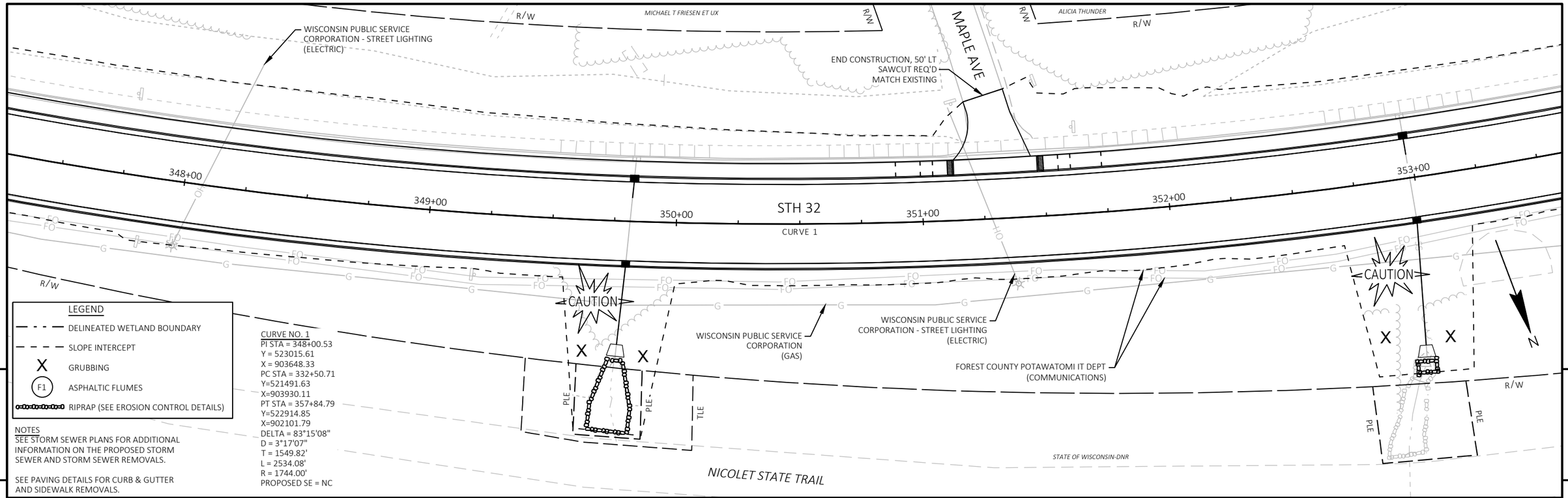
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 154	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 03
PLOT DATE : 10/12/2023 10:35 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 155	E



LEGEND

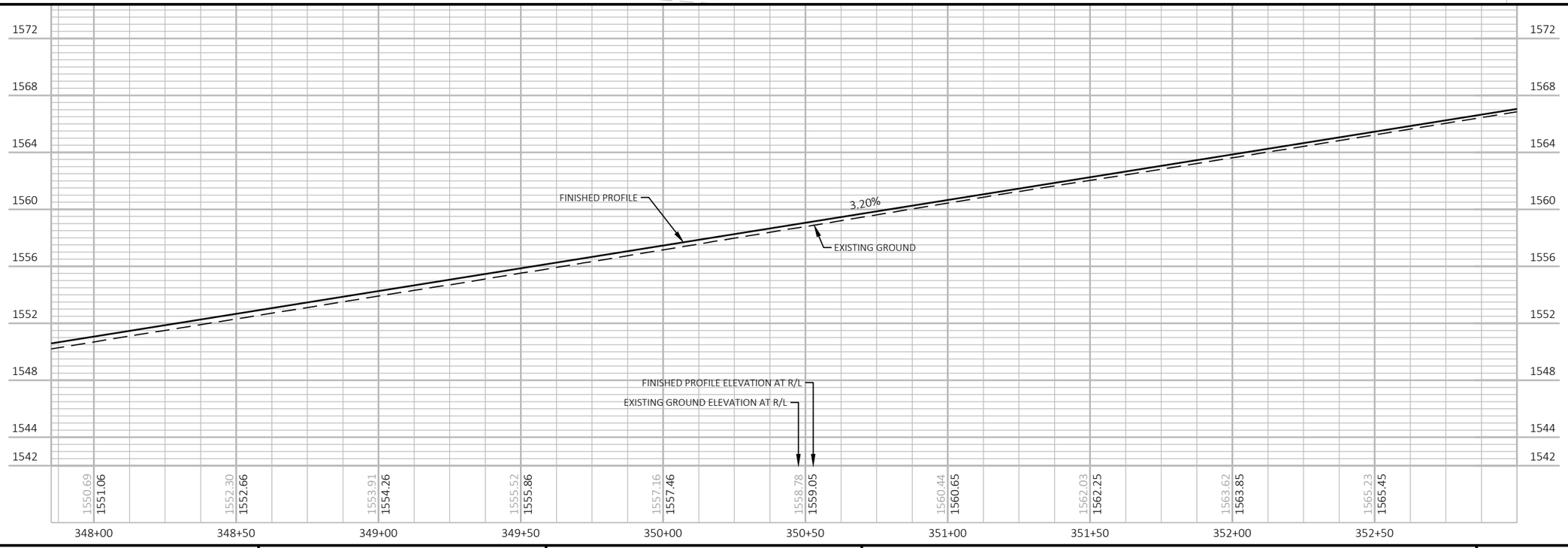
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- F1 ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES

SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.

CURVE NO. 1
PI STA = 348+00.53
Y = 523015.61
X = 903648.33
PC STA = 332+50.71
Y=521491.63
X=903930.11
PT STA = 357+84.79
Y=522914.85
X=902101.79
DELTA = 83°15'08"
D = 3°17'07"
T = 1549.82'
L = 2534.08'
R = 1744.00'
PROPOSED SE = NC

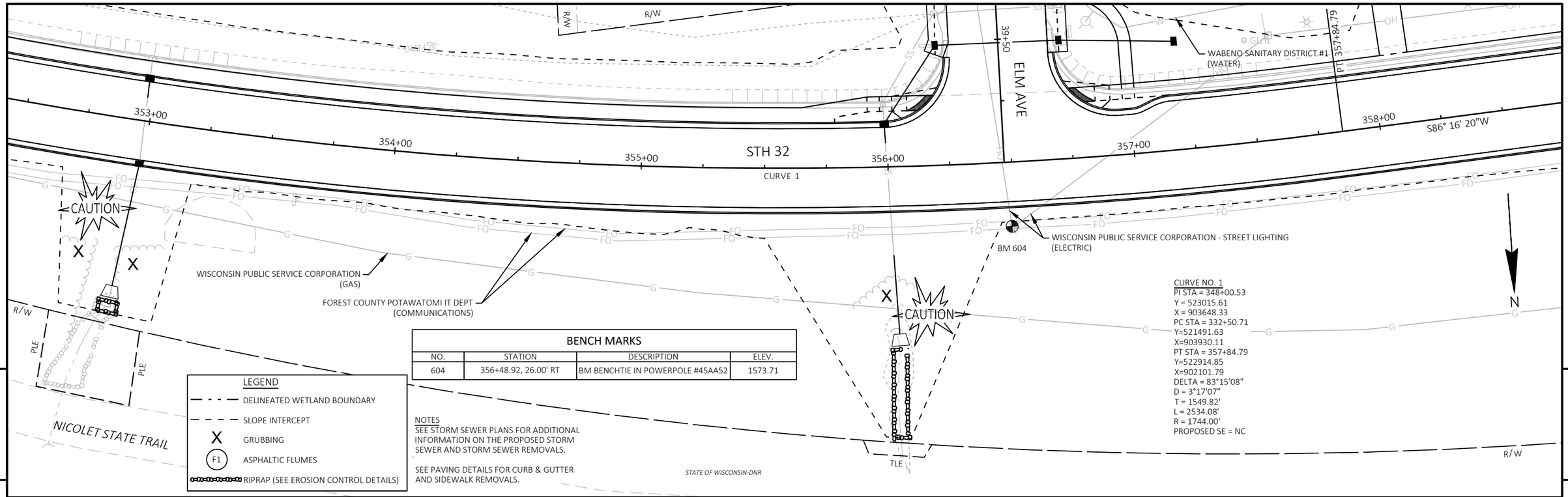


PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 156	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 05

PLOT DATE : 10/12/2023 10:35 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
604	356+48.92, 26.00' RT	BM BENCHTIE IN POWERPOLE #45AA52	1573.71

LEGEND

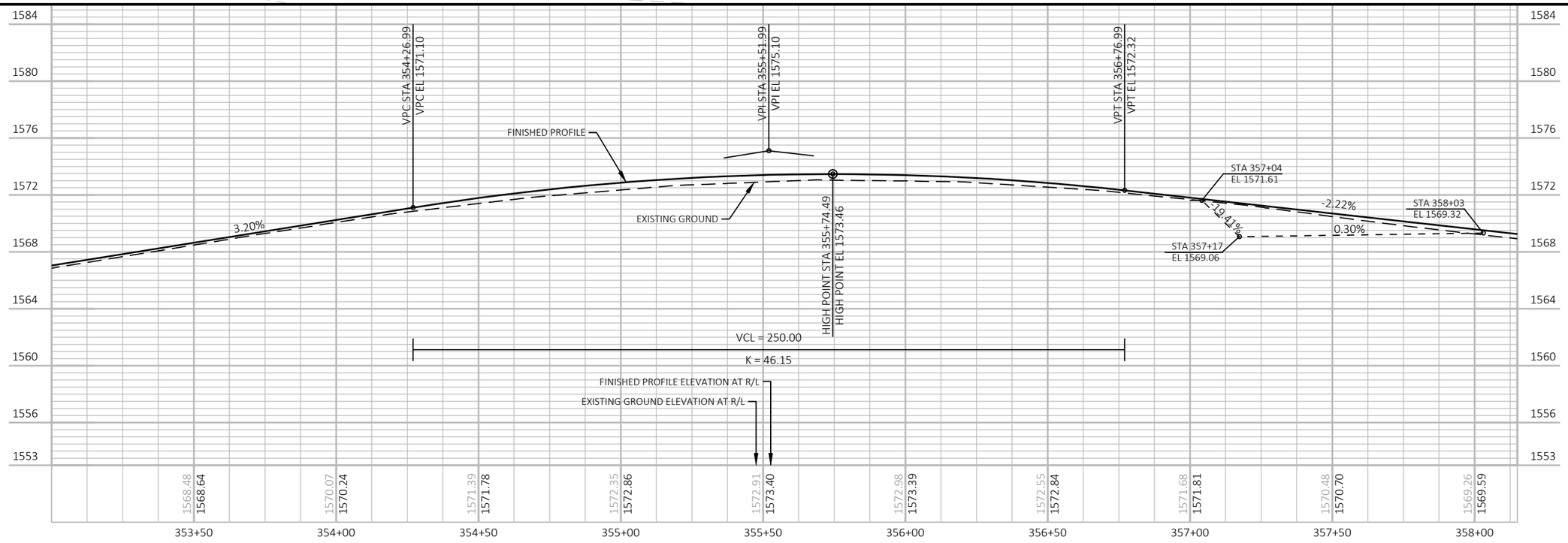
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- (F1) ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES

SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.

STATE OF WISCONSIN-DNR

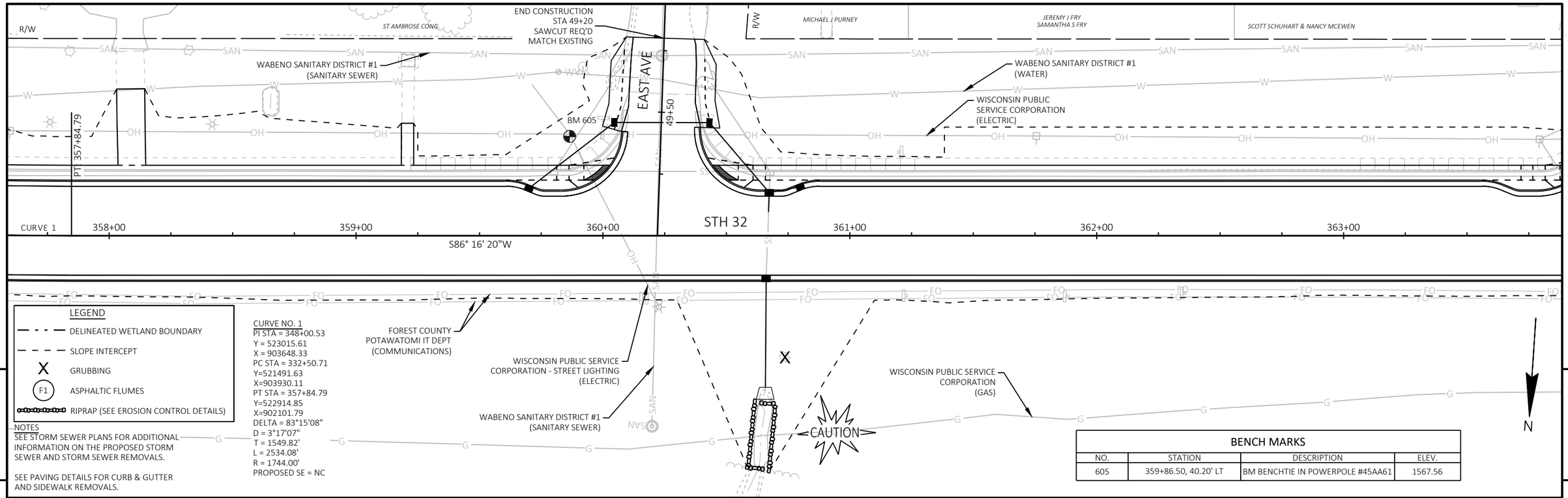


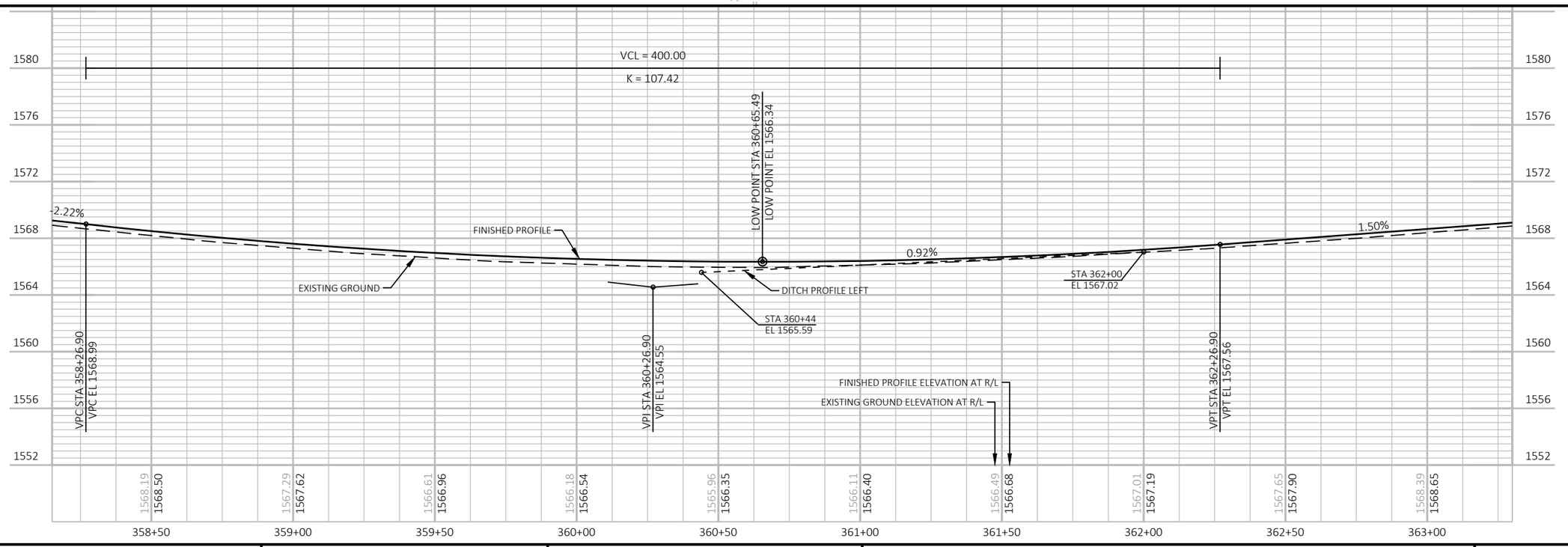
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 157	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 06

PLOT DATE : 10/12/2023 10:36 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 158	E

SCOTT SCHUHART & NANCY MCEWEN

WABENO SANITARY DISTRICT #1 (SANITARY SEWER)

R/W

PEARL AVE

END CONSTRUCTION STA 59+20 SAWCUT REQ'D MATCH EXISTING

WABENO SCHOOL DISTRICT

WABENO SCHOOL DISTRICT

FIRST R. PRESBYTERIAN CHURCH

WABENO SANITARY DISTRICT #1 (SANITARY SEWER)

WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)

WABENO SANITARY DISTRICT #1 (WATER)

WABENO SCHOOL DISTRICT (COMMUNICATIONS)

59+50

PC 366+40.43

363+00 364+00 365+00 S86° 16' 20"W 366+00 STH 32 367+00 368+00 369+00

CURVE 2

FOREST COUNTY POTAWATOMI IT DEPT (COMMUNICATIONS)

WISCONSIN PUBLIC SERVICE CORPORATION - STREET LIGHTING (ELECTRIC)

WISCONSIN PUBLIC SERVICE CORPORATION - STREET LIGHTING (ELECTRIC)

WABENO SCHOOL DISTRICT (COMMUNICATIONS)

CAUTION

WISCONSIN PUBLIC SERVICE CORPORATION (GAS)

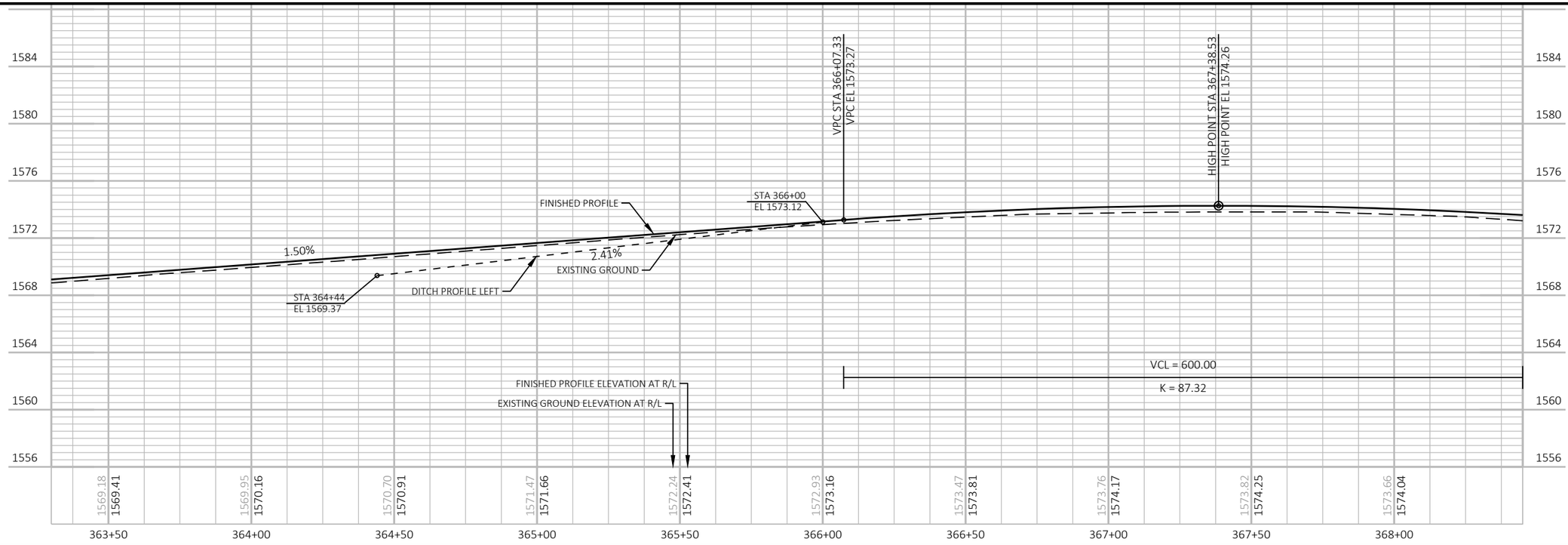
CURVE NO. 2
PI STA = 368+35.50
Y = 522846.54
X = 901053.30
PC STA = 366+40.43
Y=522859.22
X=901247.97
PT STA = 370+30.40
Y=522819.59
X=900860.10
DELTA = 4°12'45"
D = 1°04'49"
T = 195.07'
L = 389.97'
R = 5304.00'
PROPOSED SE = NC

N

LEGEND
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- F1 ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES
SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.

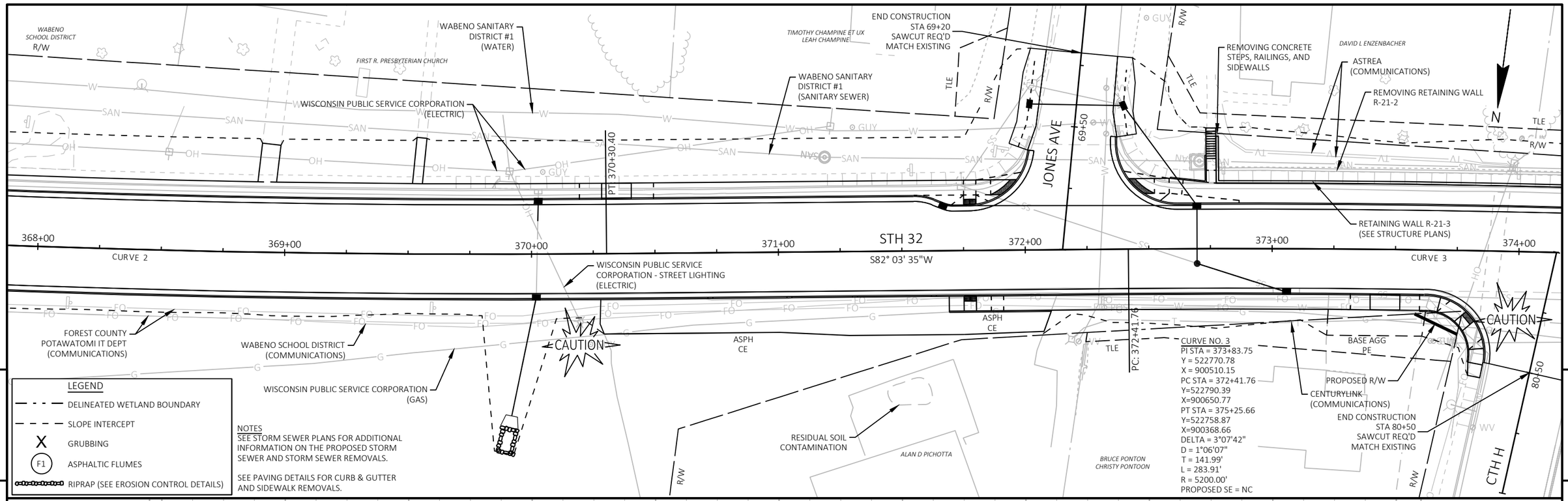


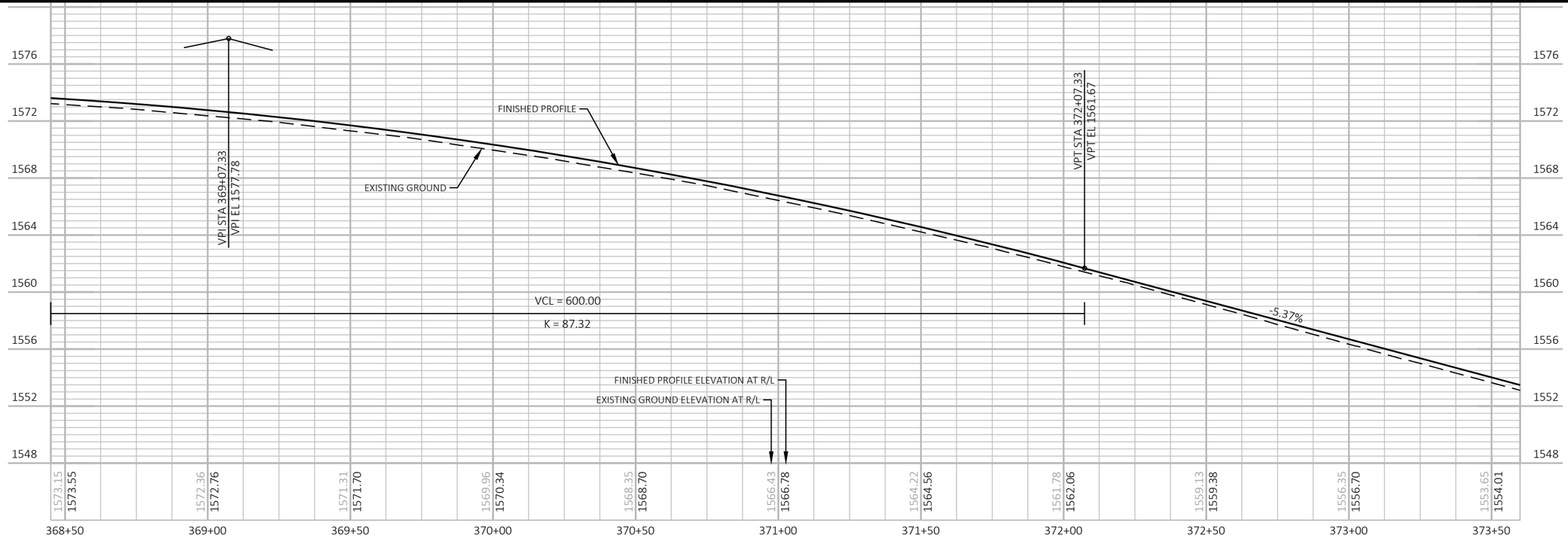
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 159	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 08

PLOT DATE : 10/12/2023 10:36 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 160	E

LEGEND

- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- F1 ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES

SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.

SCOTT M MATTHEWS

DALE MORAVEC AND LORI MORAVEC

FOREST COUNTY POTAWATOMI COMMUNITY

SENSITIVE AREA

KRIST OIL CO

BRUCE PONTON
CHRISTY PONTON

LEE S SCHEUERMAN

KENNETH A ST PETER
BEVERLY A ST PETER

REMOVING CONCRETE STEPS, RAILINGS, AND SIDEWALLS

RETAINING WALL R-21-3 (SEE STRUCTURE PLANS)

WABENO SANITARY DISTRICT #1 (SANITARY SEWER)

WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)
ASTREA (COMMUNICATIONS)

WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)

WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)
ASTREA (COMMUNICATIONS)

CRANDON AVE

END CONSTRUCTION
STA 89+25
SAWCUT REQ'D
MATCH EXISTING

CENTURYLINK (COMMUNICATIONS)

WISCONSIN PUBLIC SERVICE CORPORATION (GAS)

ASTREA (COMMUNICATIONS)

REMOVING RETAINING WALL (R-21-2)

PT: 375+25.66

PI: 377+71.99

BASE AGG PE

ASPH PE

TLE

R/W

CAUTION

STH 32

S85° 11' 16"W

S86° 22' 49"W

Y = 522,738.20
X = 900,123.20

373+00 374+00 375+00 376+00 377+00 378+00 379+00

CURVE 3

PROPOSED R/W

WABENO SCHOOL DISTRICT (COMMUNICATIONS)

BM 603

CURVE NO. 3
PI STA = 373+83.75
Y = 522770.78
X = 900510.15
PC STA = 372+41.76
Y=522790.39
X=900650.77
PT STA = 375+25.66
Y=522758.87
X=900368.66
DELTA = 3°07'42"
D = 1°06'07"
T = 141.99'
L = 283.91'
R = 5200.00'
PROPOSED SE = NC

ASPH CE

FOREST COUNTY POTAWATOMI IT DEPT (COMMUNICATIONS)

CENTURYLINK (COMMUNICATIONS)

WABENO SANITARY DISTRICT #1 (WATER)

WISCONSIN PUBLIC SERVICE (GAS)

WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)
ASTREA (COMMUNICATIONS)

CENTURYLINK (COMMUNICATIONS)

ASTREA (COMMUNICATIONS)

EXISTING PERMANENT SIGN TO REMAIN
(SEE PAVING DETAILS FOR ADDITIONAL INFORMATION)

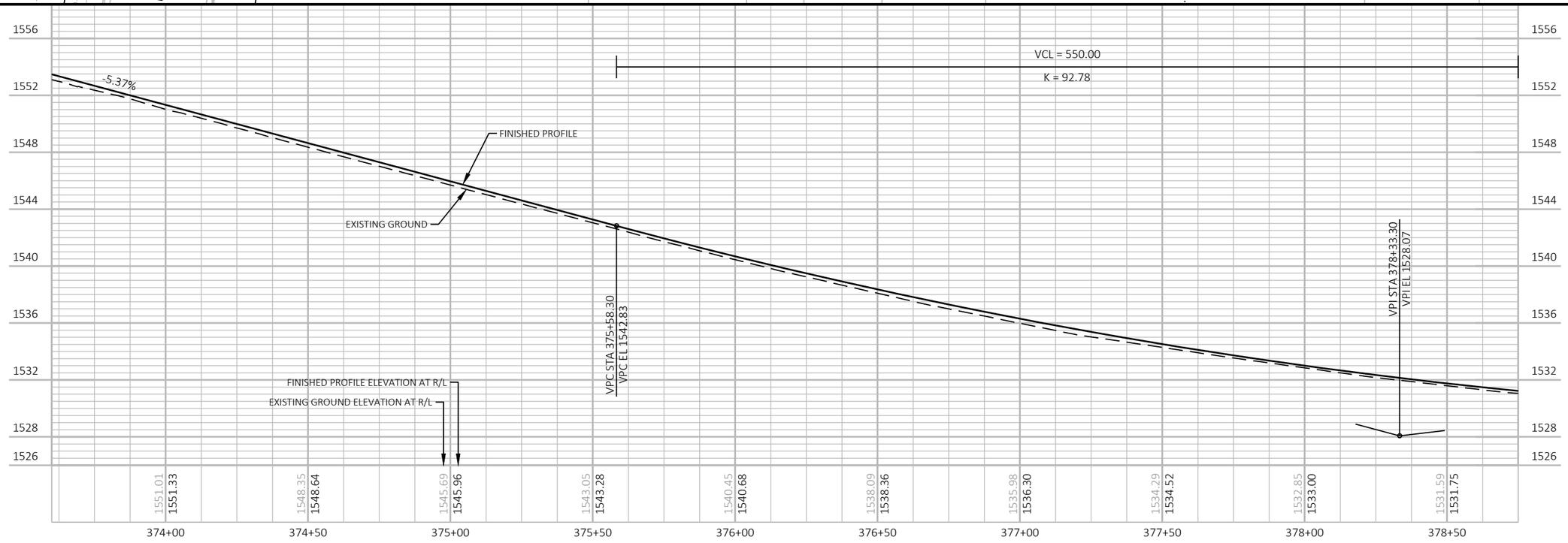
END CONSTRUCTION
STA 80+50
SAWCUT REQ'D
MATCH EXISTING

CTH H

80+50

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
603	374+67.00, 33.90' RT	BM BENCHTIE IN POWERPOLE #44E52	1548.23



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 161	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 10

PLOT DATE : 10/12/2023 10:36 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

LEGEND
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- F1 ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES
SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.

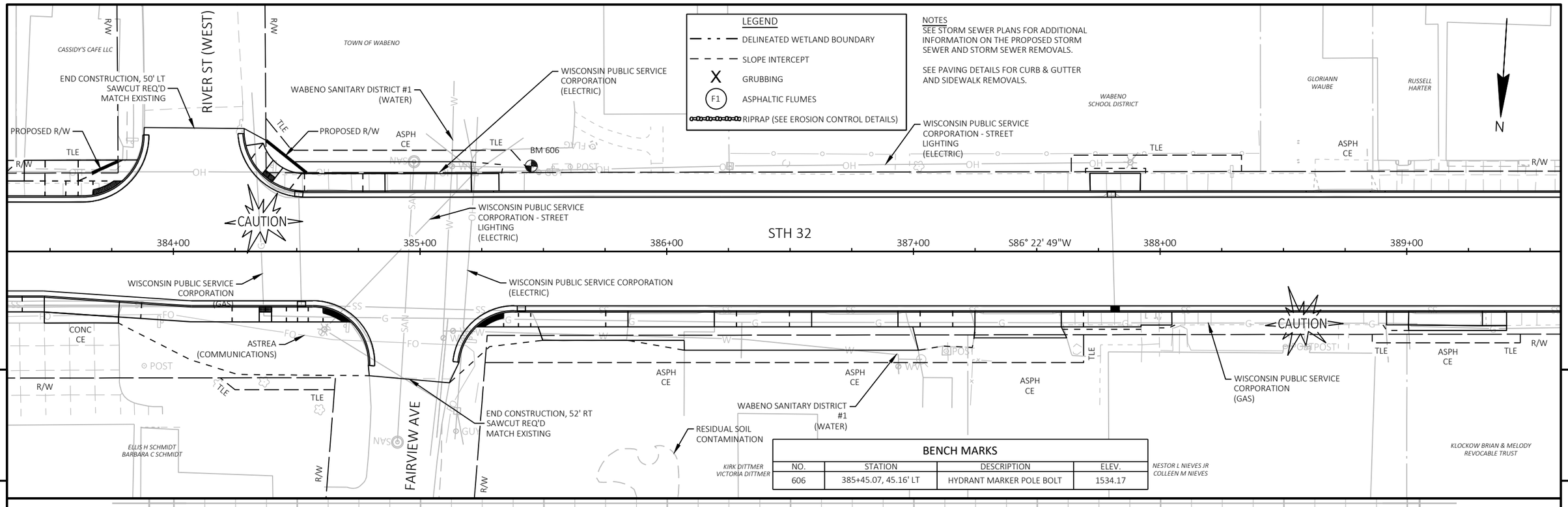
NS RETAIL HOLDINGS LLC
WABENO SANITARY DISTRICT #1 (SANITARY SEWER)
RANGE LINE CREEK
CYNTHIA WALKER, CHRISTINA MIELKE AND ROBERT KELLY JR.
CASSIDY'S CAFE LLC
R/W
RIVER ST (WEST)
END CONSTRUCTION, 50' LT SAWCUT REQ'D MATCH EXISTING
WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)
WISCONSIN PUBLIC SERVICE CORPORATION (GAS)
CENTURYLINK (COMMUNICATIONS)
KENNETH A ST PETER
BEVERLY A ST PETER
ASPH PE
ASPH CE
TLE
R/W
C-21-2 (TO REMAIN)
PROPOSED R/W
N
CAUTION
379+00
380+00
381+00
382+00
383+00
384+00
STH 32
S86° 22' 49"W
RAILING PIPE AND CONCRETE CURB PEDESTRIAN SPECIAL (SEE CONSTRUCTION DETAILS & PAVING DETAILS)
CONC CE
POST
ASTREA (COMMUNICATIONS)
F1
KRIST OIL CO
ELLIS H SCHMIDT
BARBARA C SCHMIDT

NOTE
SEE CONSTRUCTION DETAIL STORM SEWER OUTLET GRADING FOR ADDITIONAL INFORMATION

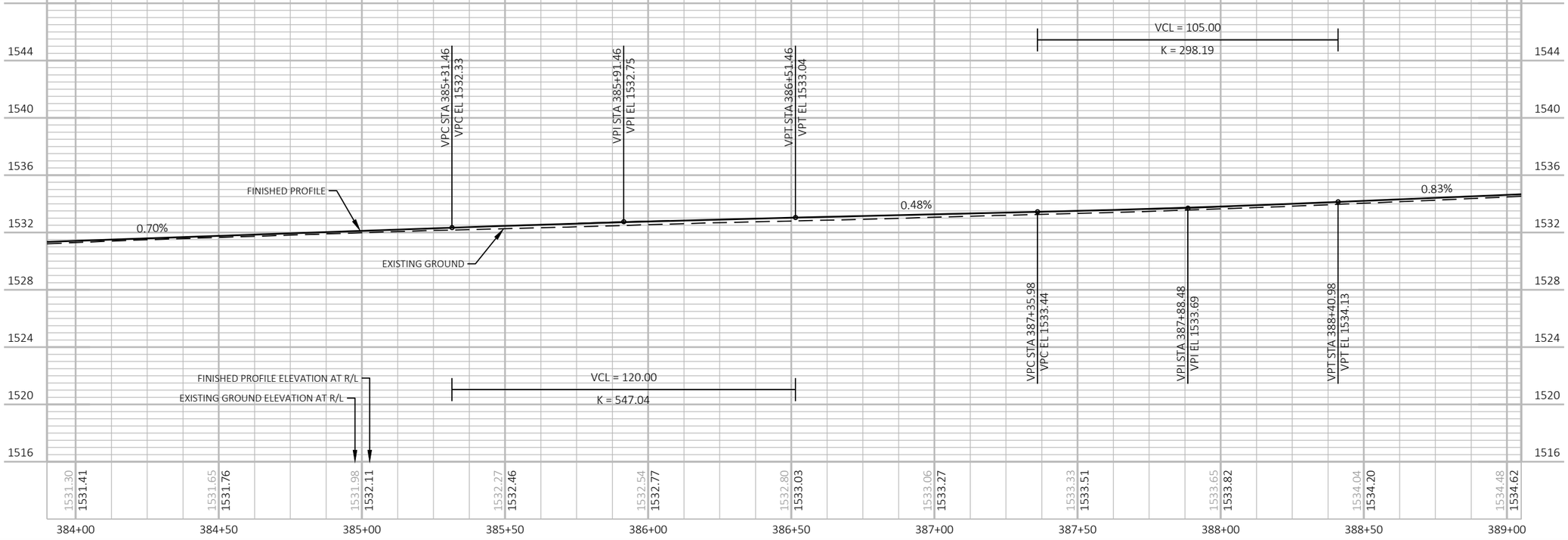
VCL = 550.00
K = 92.78
VCL = 105.00
K = 761.43
LOW POINT STA 380+56.41
LOW POINT EL 1529.46
EXISTING GROUND
STA 381+78
C-21-2
EXISTING 3' X 12' BOX CULVERT (TO REMAIN)
15.6° LHF
STA 379+84 EL 1529.20
STA 379+92 EL 1529.00
STA 380+02 EL 1526.40
FINISHED PROFILE
STA 380+75 EL 1526.10
DITCH PROFILE RIGHT
STA 381+32 EL 1525.93
STA 381+40 EL 1528.00
STA 381+84 EL 1528.50
STA 381+92 EL 1526.43
STA 382+16 EL 1530.10
STA 382+00 EL 1526.45
VPT STA 381+08.30
VPT EL 1529.60
VPC STA 382+17.34
VPC EL 1530.21
VPI STA 382+69.84
VPI EL 1530.51
VPT STA 383+22.34
VPT EL 1530.87
FINISHED PROFILE ELEVATION AT R/L
EXISTING GROUND ELEVATION AT R/L
-2.63%
-0.41%
-0.30%
0.56%
0.30%
0.70%
25.00%
22.81%
1544
1540
1536
1532
1528
1524
1520
1516
1514
1530.09 1530.07
1529.80 1529.63
1529.62 1529.46
1529.59 1529.56
1529.79 1529.84
1530.04 1530.12
1530.32 1530.40
1530.63 1530.72
1530.92 1531.07
379+00
379+50
380+00
380+50
381+00
381+50
382+00
382+50
383+00
383+50

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 162	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 11
PLOT DATE : 10/12/2023 10:36 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT



BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
606	385+45.07, 45.16' LT	HYDRANT MARKER POLE BOLT	1534.17



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 163	E

LEGEND
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- F1 ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

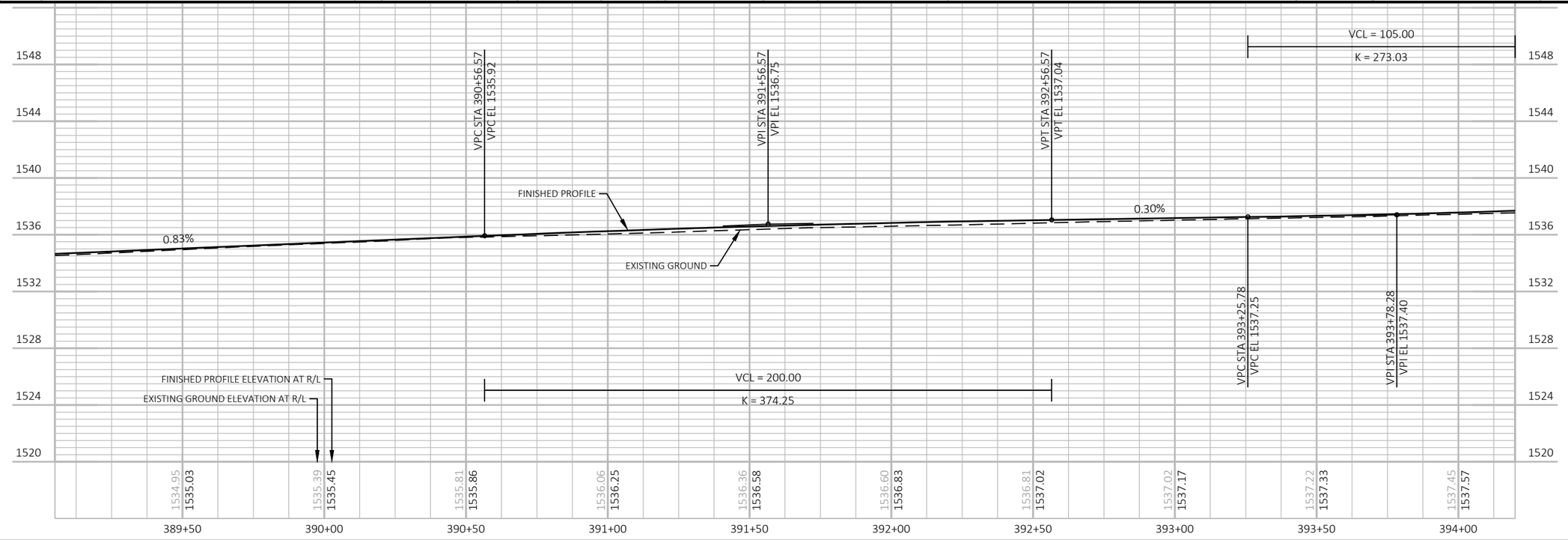
WABENO SANITARY DISTRICT (WATER)
CECIL AVE
END CONSTRUCTION, 45' LT
SAWCUT REQ'D
MATCH EXISTING
KELLY R GRUTZIK, JOSEPH C JACOBSON, AND JODY FRYER
CHRISTINE MINEAU GLAZENER
STA 390+95
REMOVING CONCRETE BASES REQ'D
HEATHER MANTHEY
ALEX W WALRATH
NICOLE G BACKHAUS
RICHARD R BACKHAUS
EMILY S BELLAND
ANOTHONY F SMITH
JOSEPH FRANK VALENTI
DAVID RENKAS
WABENO SANITARY DISTRICT (WATER)
END CONSTRUCTION, 58' LT
SAWCUT REQ'D
MATCH EXISTING
PROPOSED R/W
BM 607
BM 608
BASE AGG CE
OCONTO AVE
GLORIANN WAUBE
ASPH CE
RUSSELL HARTER
ROBIN L SPENCER
TLE
R/W
MWEL
SS
CAUTION
389+00
390+00
391+00
STH 32
392+00
S86° 22' 49"W
393+00
394+00
WISCONSIN PUBLIC SERVICE CORPORATION (GAS)
WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)
WISCONSIN PUBLIC SERVICE CORPORATION - STREET LIGHTING (ELECTRIC)
RESIDUAL GROUNDWATER CONTAMINATION
NESTOR L NIEVES JR
COLLEEN M NIEVES
KLOCKOW BRIAN & MELODY REVOCABLE TRUST
SYLVAN POST 44
TOWN OF WABENO
POST
OHP
OHD
OUT

NOTES
SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
607	390+44.71, 45.16' LT	HYDRANT MARKER POLE BOLT	1538.46
608	393+98.38, 53.07' LT	HYDRANT MARKER POLE BOLT	1539.49



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 164	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 13
PLOT DATE : 10/12/2023 10:37 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

NOTES
SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.

LEGEND
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- F1 ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

END CONSTRUCTION, 58' LT
SAWCUT REQ'D
MATCH EXISTING

WABENO SANITARY DISTRICT #1 (WATER)

END CONSTRUCTION, 51' LT
SAWCUT REQ'D
MATCH EXISTING

WABENO SANITARY DISTRICT #1 (WATER)

DAVID RENKAS
LAONA STATE BANK
BRIAN J PICHOTTA ET UX
JAMIE S WALLACE
EUGENE H SEMRAD
BASE AGG CE
CINDY L PONTELL
STEVEN J ASHBECK
RALETTA S ASHBECK
SUPER RENTALS LLC
SCHRODER PAMELA J & ALLEN A REVOCABLE LIVING TRUST
CHRISTIAN THRIFT STORE

BM 608
BM 609

OCONTO AVE
CAVOUR AVE
STH 32
S86° 22' 49"W
PC: 397+76.68

394+00 395+00 396+00 397+00 398+00 399+00

CAUTION

R/W TLE ASPH CE CONC CE

WISCONSIN PUBLIC SERVICE CORPORATION (GAS)
WISCONSIN PUBLIC SERVICE CORPORATION - STREET LIGHTING (ELECTRIC)
WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)
CENTURYLINK (COMMUNICATIONS)
WISCONSIN PUBLIC SERVICE CORPORATION - STREET LIGHTING (ELECTRIC)

TOWN OF WABENO
JOHN C HOGAN
MAPLE HOLLOW LLC

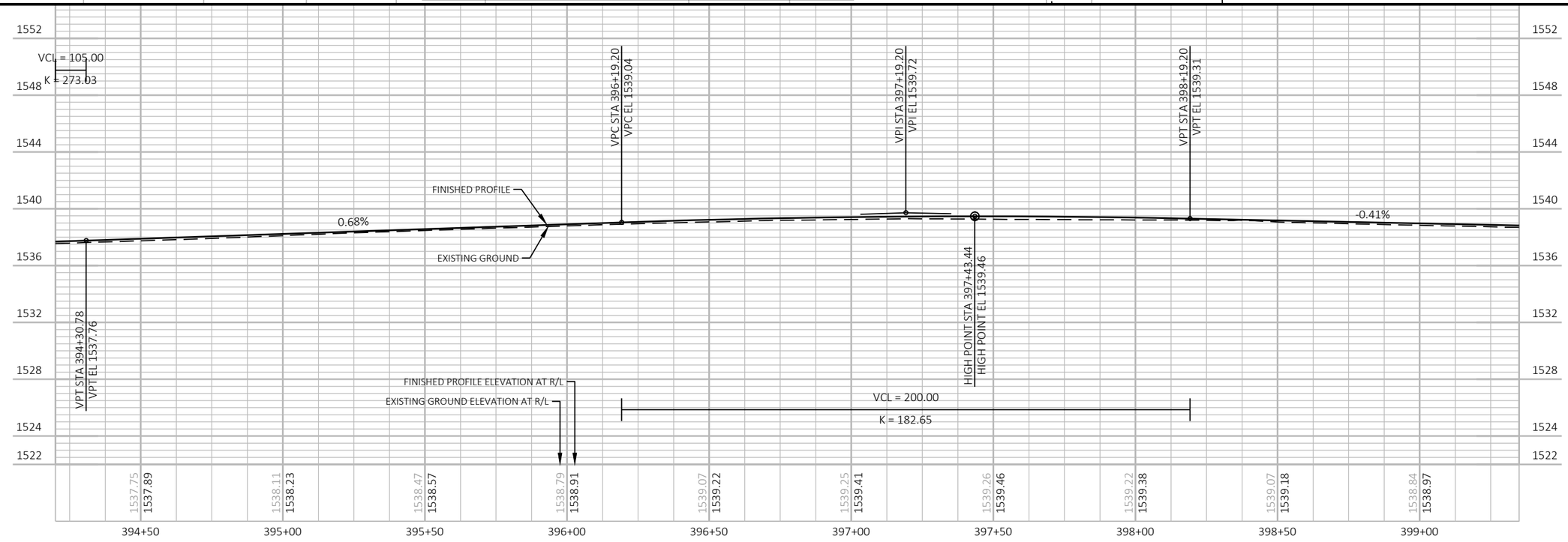
END CONSTRUCTION, 53' RT
SAWCUT REQ'D
MATCH EXISTING

CURVE NO. 4
PI STA = 400+49.20
Y = 522594.44
X = 897850.53
PC STA = 397+76.68
Y=522611.64
X=898122.51
PT STA = 403+19.18
Y=522641.49
X=897582.10
DELTA = 13°33'42"
D = 2°29'59"
T = 272.53'
L = 542.50'
R = 2292.00'
PROPOSED SE = NC

CURVE 4

N

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
608	393+98.38, 53.07' LT	HYDRANT MARKER POLE BOLT	1539.49
609	398+22.66, 45.00' LT	HYDRANT MARKER POLE BOLT	1541.57



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 165	E

LEGEND

- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- F1 ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES

SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
610	401+75.53, 82.82' LT	HYDRANT MARKER POLE BOLT	1539.59

WABENO SANITARY DISTRICT #1 (WATER)
END CONSTRUCTION, 71' LT
SAWCUT REQ'D
MATCH EXISTING
BM 610
WISCONSIN PUBLIC SERVICE CORPORATION - STREET LIGHTING (ELECTRIC)
FOREST AVE
STH 32
N80° 03' 29"W
399+00
400+00
401+00
402+00
403+00
404+00
CURVE 4
BASE AGG CE
BASE AGG PE
ASPH PE
PEGGY A RENKAS
DAVID L ENZENBACHER
ALLEN A ERVAY
DONALD A KORBAS
JC DEVELOPMENT COMPANY LLC
SCHRODER PAMELA J & ALLEN A REVOCABLE LIVING TRUST
TOWN OF WABENO
WABENO HEIGHTS INC
R/W
SS
FO
W
HO
PI POST
FLAG

CURVE NO. 4
PI STA = 400+49.20
Y = 522594.44
X = 897850.53
PC STA = 397+76.68
Y=522611.64
X=898122.51
PT STA = 403+19.18
Y=522641.49
X=897582.10
DELTA = 13°33'42"
D = 2°29'59"
T = 272.53'
L = 542.50'
R = 2292.00'
PROPOSED SE = NC

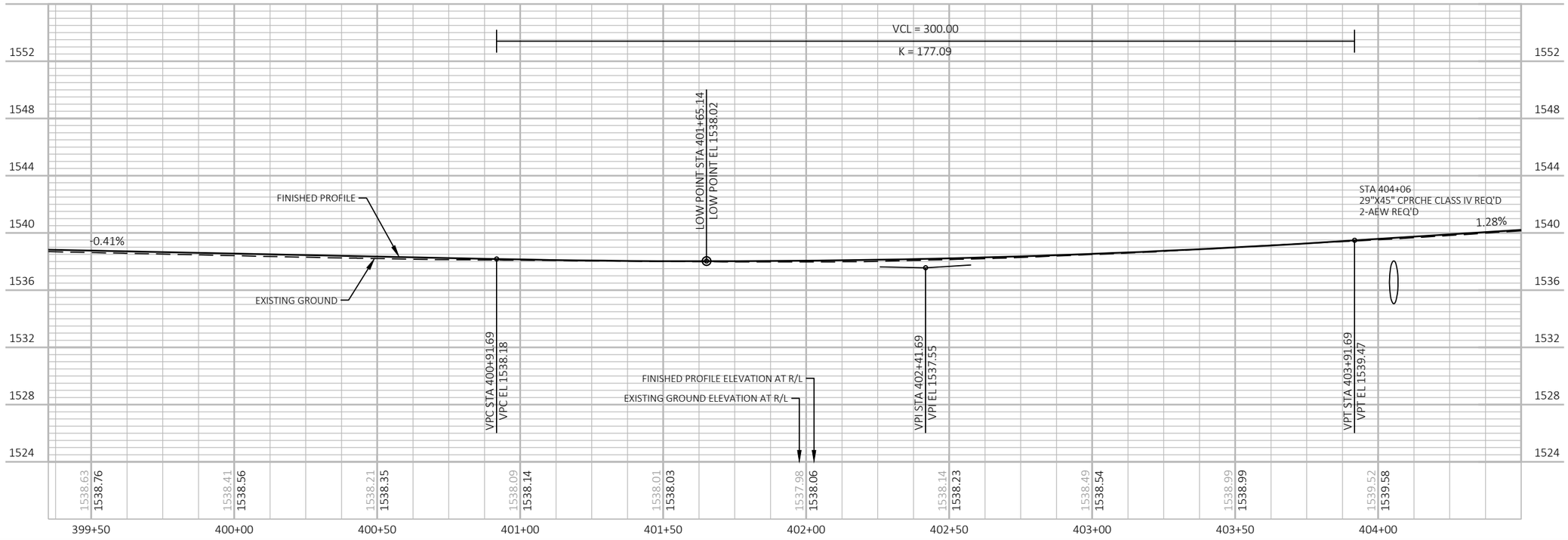
WISCONSIN PUBLIC SERVICE CORPORATION - STREET LIGHTING (ELECTRIC)

CENTURYLINK (COMMUNICATIONS)

STA 404+06, LT&RT
REMOVE 1 - 36" CMCP
29" X 45" CPRCHE CLASS IV REQ'D
0° SKEW LHF
2-AEW REQ'D
INVERT UPSTREAM: 1535.65'
INVERT DOWNSTREAM: 1534.20'
MARKERS FOR CULVERT END REQ'D

PT: 403+19.18

N



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 166	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 15

PLOT DATE : 10/12/2023 10:37 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

LEGEND
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- F1 ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES
SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.

CENTURYLINK (COMMUNICATIONS)

CP/BM #513
Y = 522,665.68
X = 897,144.96
ELEV = 1545.53
FENO MONUMENT 1000 W/ALUMINUM CAP SET

N

END PROJECT
STA 406+03
BUTT JOINT REQ'D
(SEE CONSTRUCTION DETAILS)

404+00 405+00 406+00 407+00 STH 32 408+00 409+00

END FULL DEPTH PAVEMENT REPLACEMENT STA 405+03 SAWCUT REQ'D

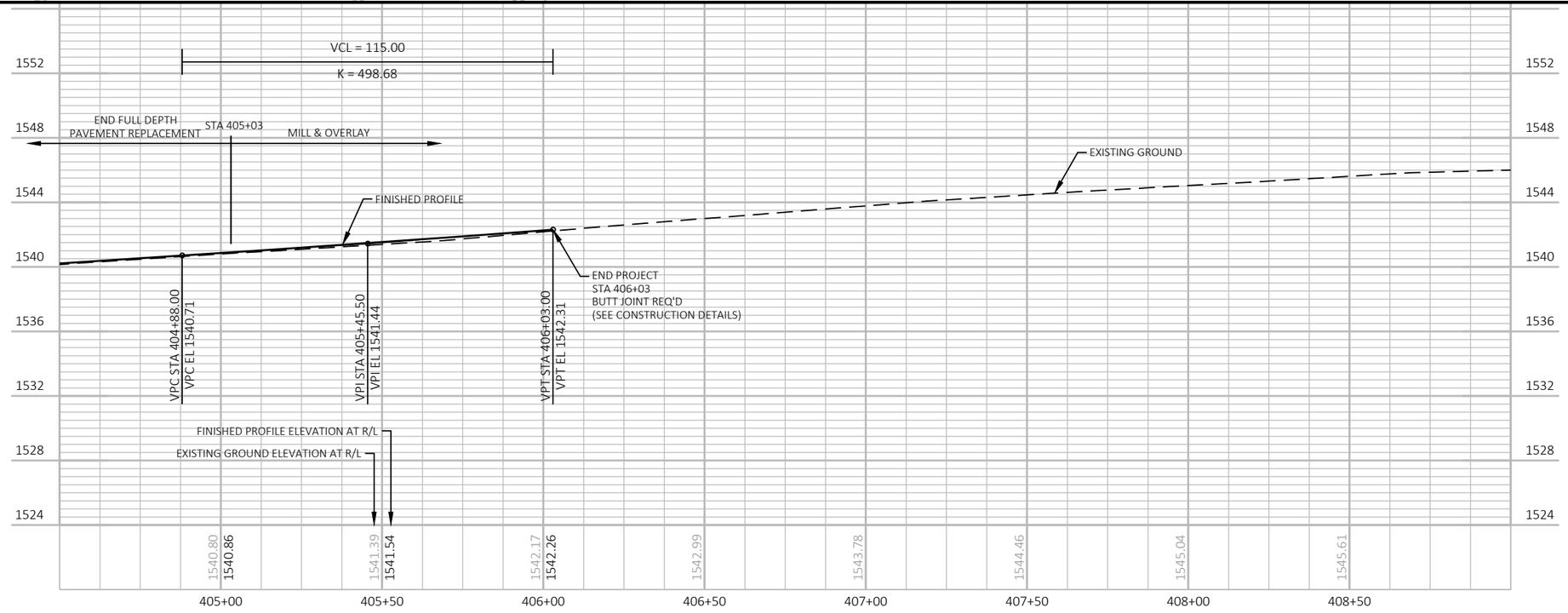
Y = 522,741.77
X = 897,010.00

ASPH
PE

FULL DEPTH PAVEMENT REPLACEMENT | MILL & OVERLAY

5 R/W R/W 5

WABENO HEIGHTS INC



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE	SHEET 167	E

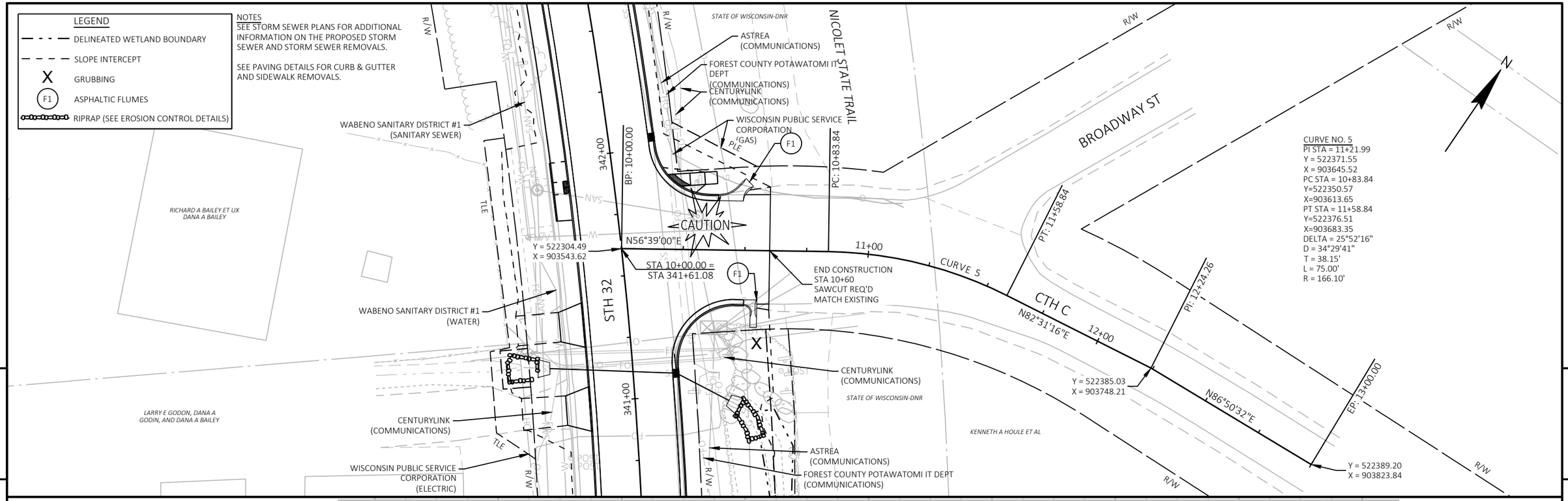
LEGEND

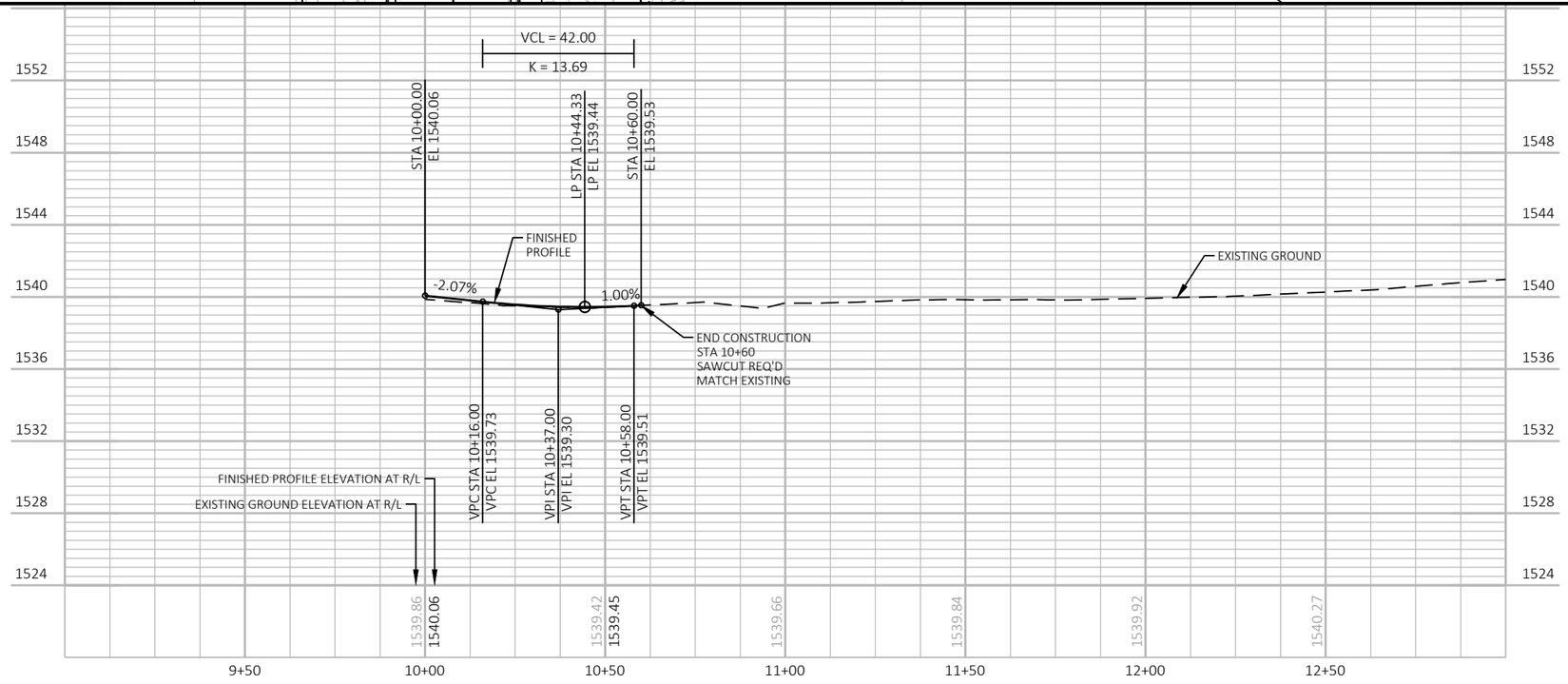
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- F1 ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES

SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.





PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE: CTH C	SHEET 168	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 01

PLOT DATE : 7/20/2023 7:59 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

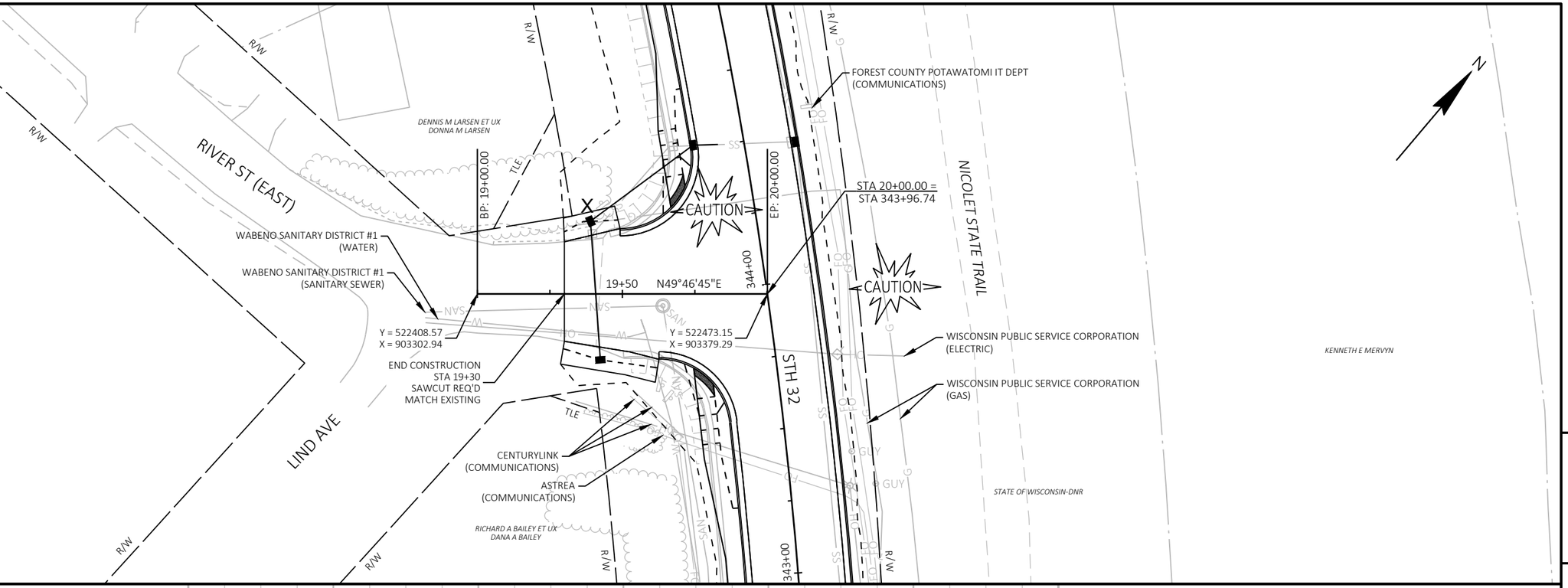
LEGEND

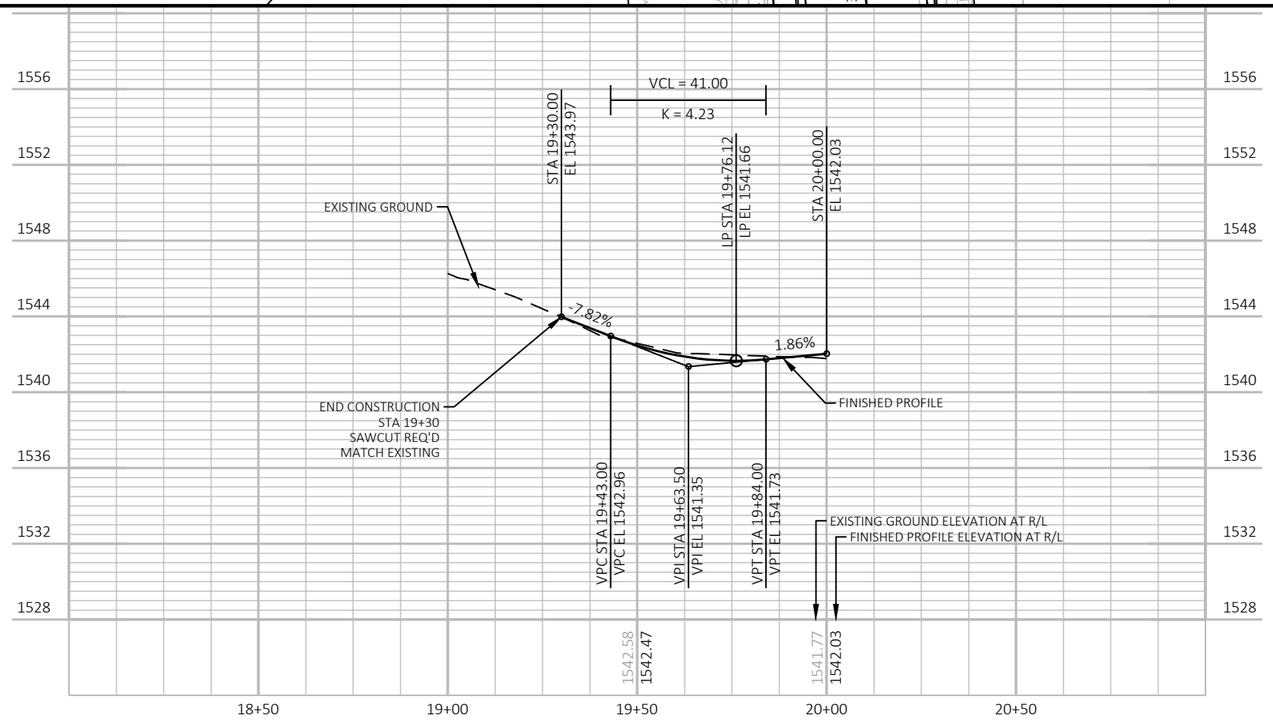
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- F1 ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES

SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.





PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE: RIVER ST (EAST)	SHEET 169	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 02

PLOT DATE : 7/20/2023 7:59 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

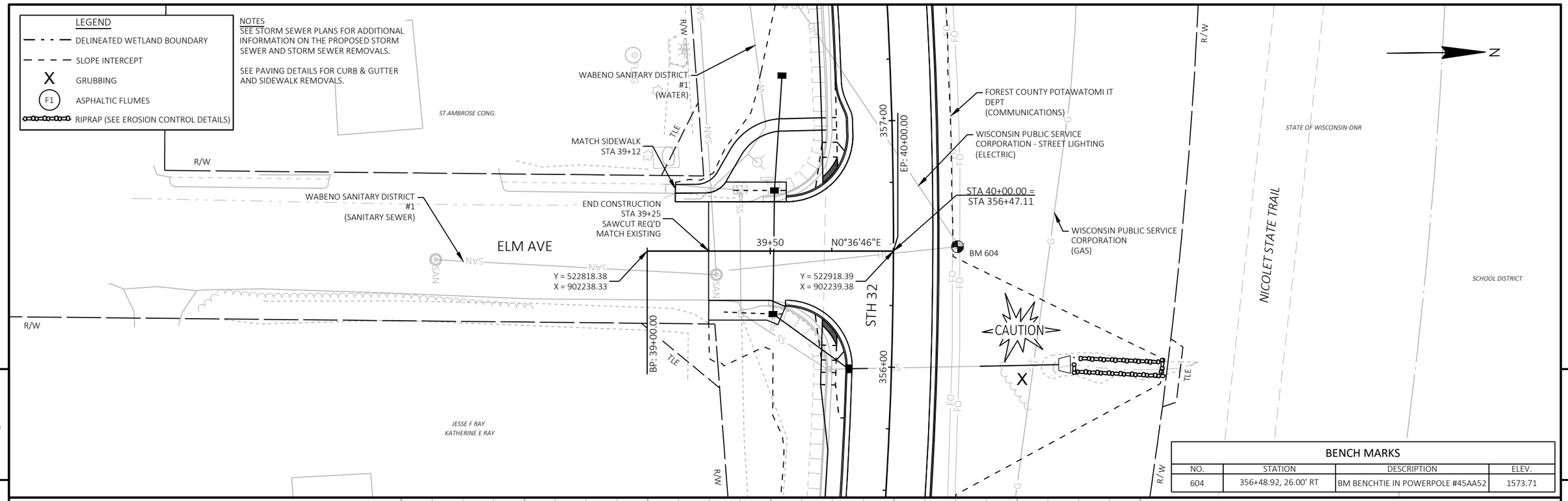
LEGEND

- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- F1 ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES

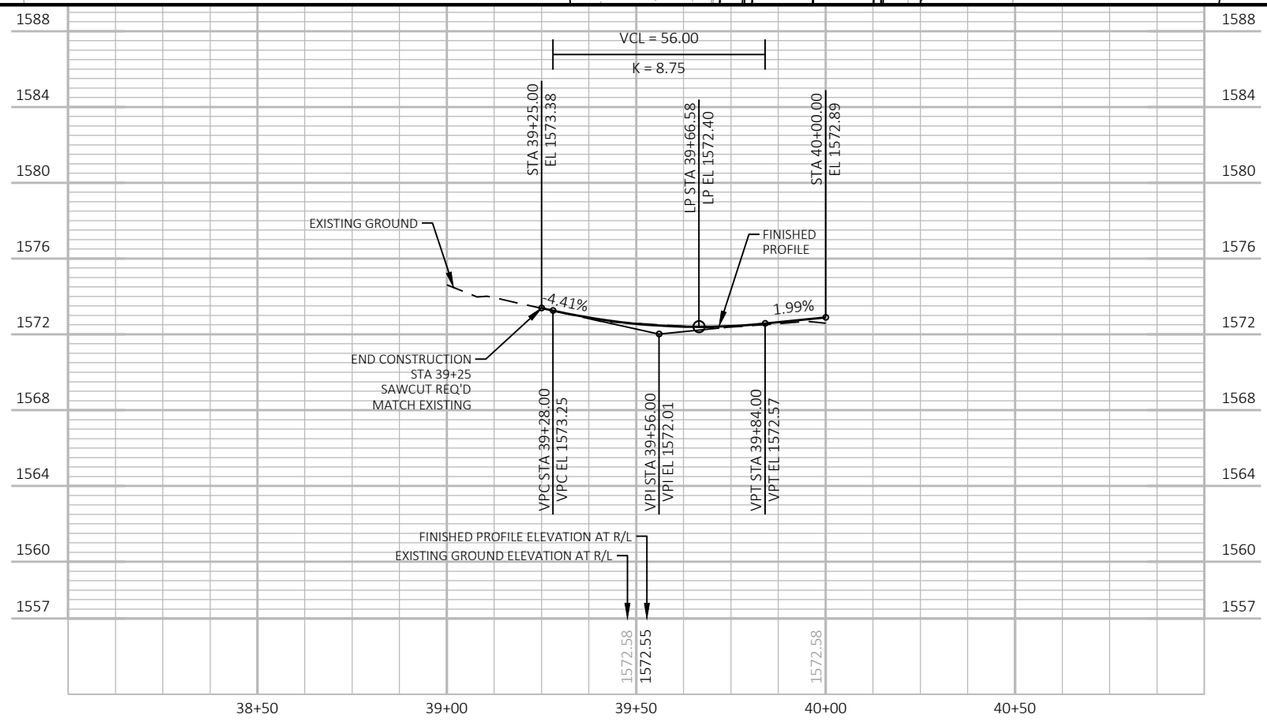
SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.



BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
604	356+48.92, 26.00' RT	BM BENCHTIE IN POWERPOLE #45AA52	1573.71



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE: ELM AVE	SHEET 170	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 03

PLOT DATE : 7/20/2023 7:59 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

LEGEND

- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X — GRUBBING
- F1 — ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES

SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.

WABENO SANITARY DISTRICT #1 (WATER)

MICHAEL J PURNEY

BP: 49+00.00

EAST AVE

Y = 522799.47
X = 901868.10

49+50 N1°46'46"W

STH 32

361+00

EP: 50+00.00

Y = 522899.46
X = 901865.00

STA 50+00.00 =
STA 360+22.09

360+00

WABENO SANITARY DISTRICT #1 (SANITARY SEWER)

END CONSTRUCTION
STA 49+20
SAWCUT REQ'D
MATCH EXISTING

WISCONSIN PUBLIC SERVICE CORPORATION (ELECTRIC)

WISCONSIN PUBLIC SERVICE CORPORATION (GAS)

WISCONSIN PUBLIC SERVICE CORPORATION - STREET LIGHTING (ELECTRIC)

BM 605

FOREST COUNTY POTAWATOMI IT DEPT (COMMUNICATIONS)

CAUTION

NICOLET STATE TRAIL

STATE OF WISCONSIN-DNR

ST AMBROSE CONG.

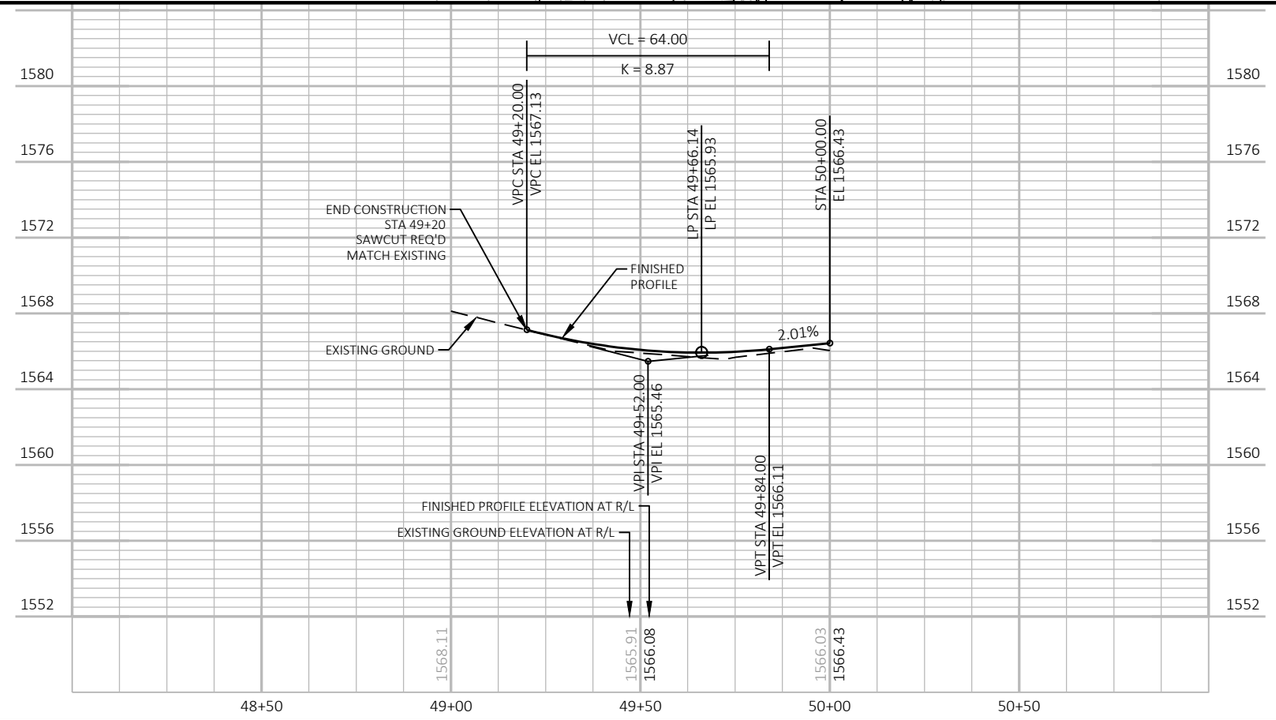
R/W

N

5

5

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
605	359+86.50, 40.20' LT	BM BENCHTIE IN POWERPOLE #45AA61	1567.56



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE: EAST AVE	SHEET 171	E

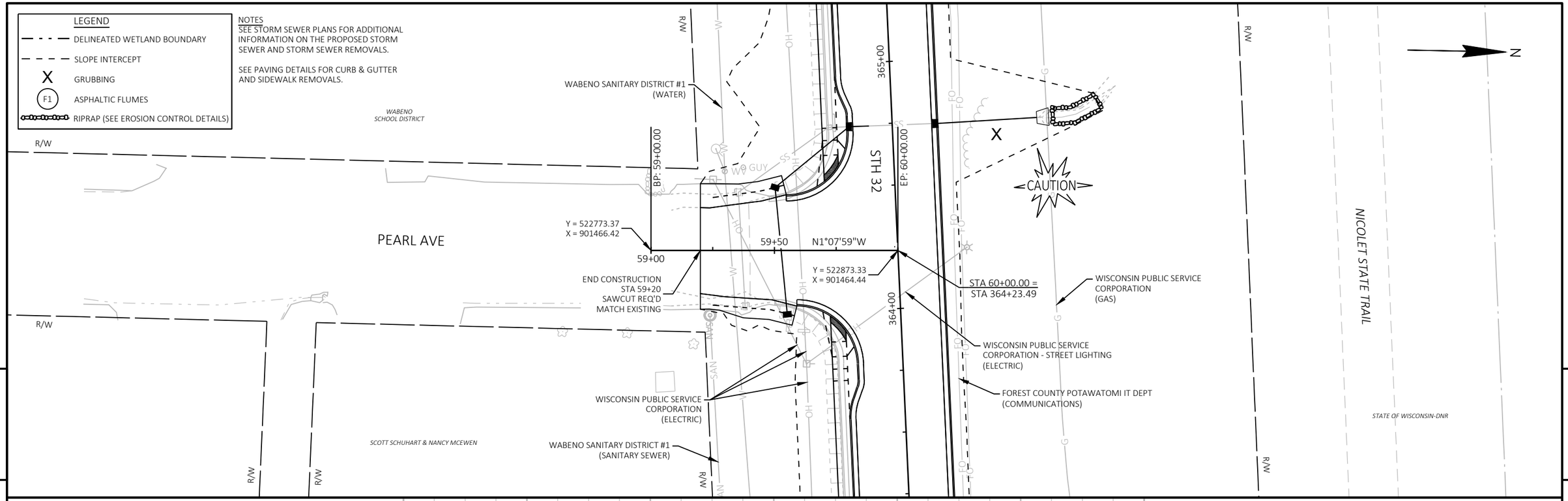
LEGEND

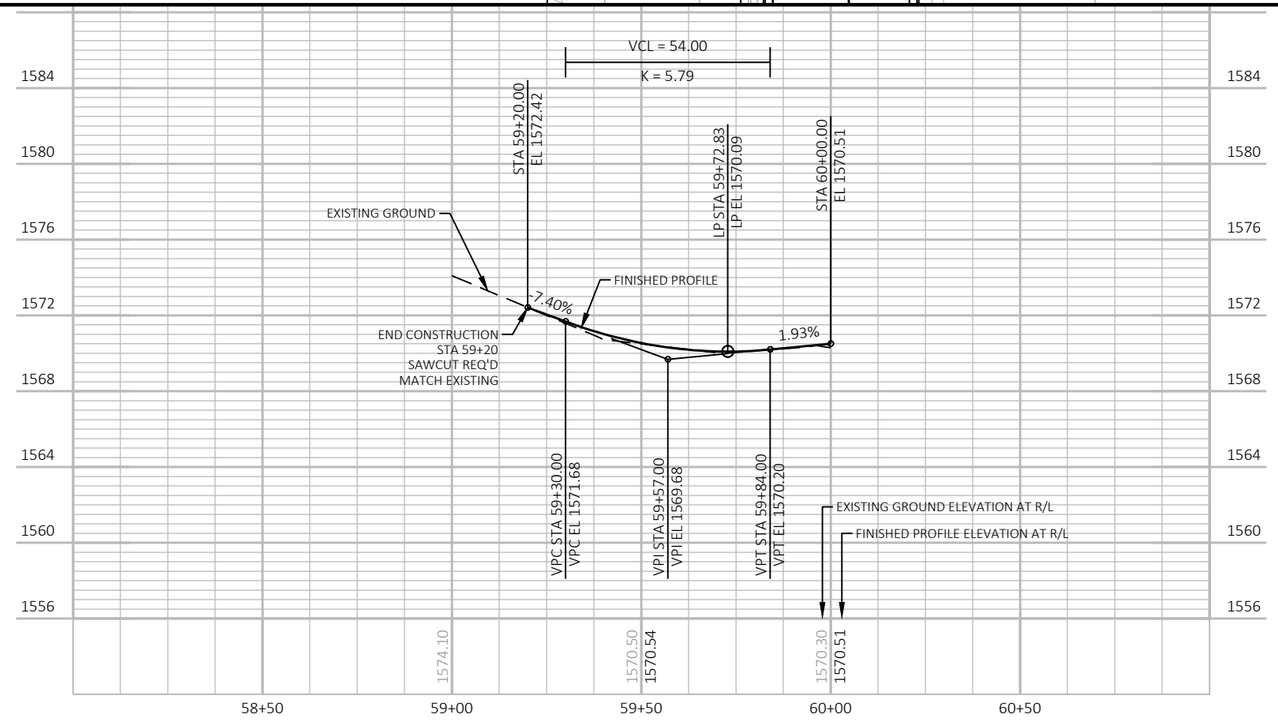
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- F1 ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES

SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.





PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE: PEARL AVE	SHEET 172	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 05

PLOT DATE : 7/20/2023 7:59 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

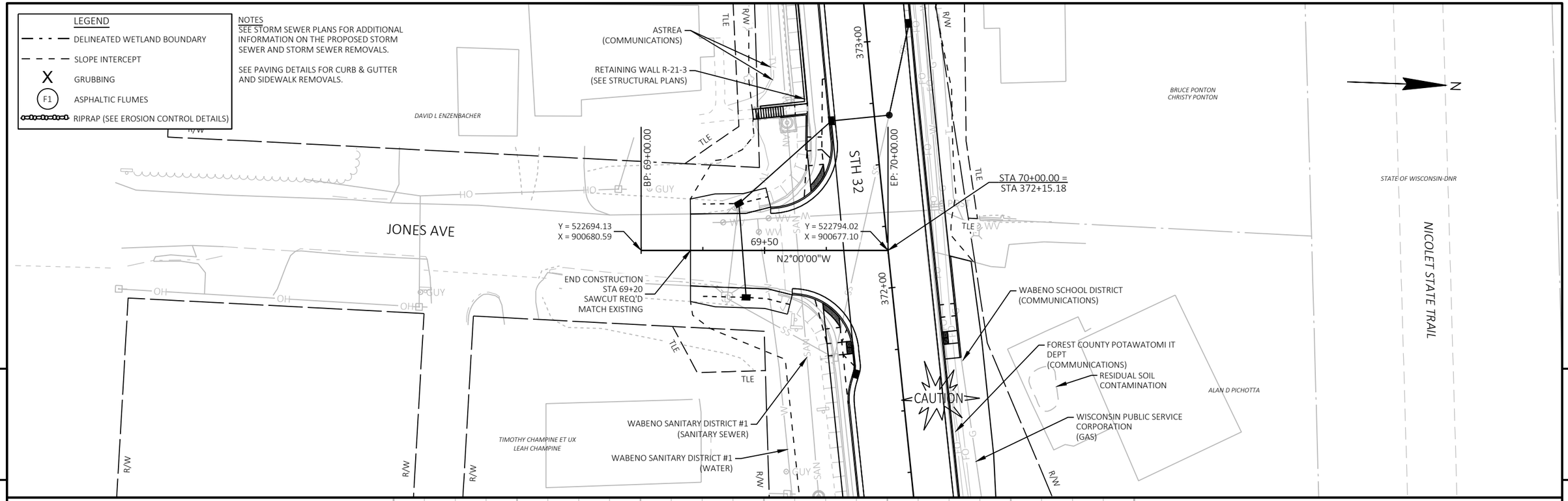
LEGEND

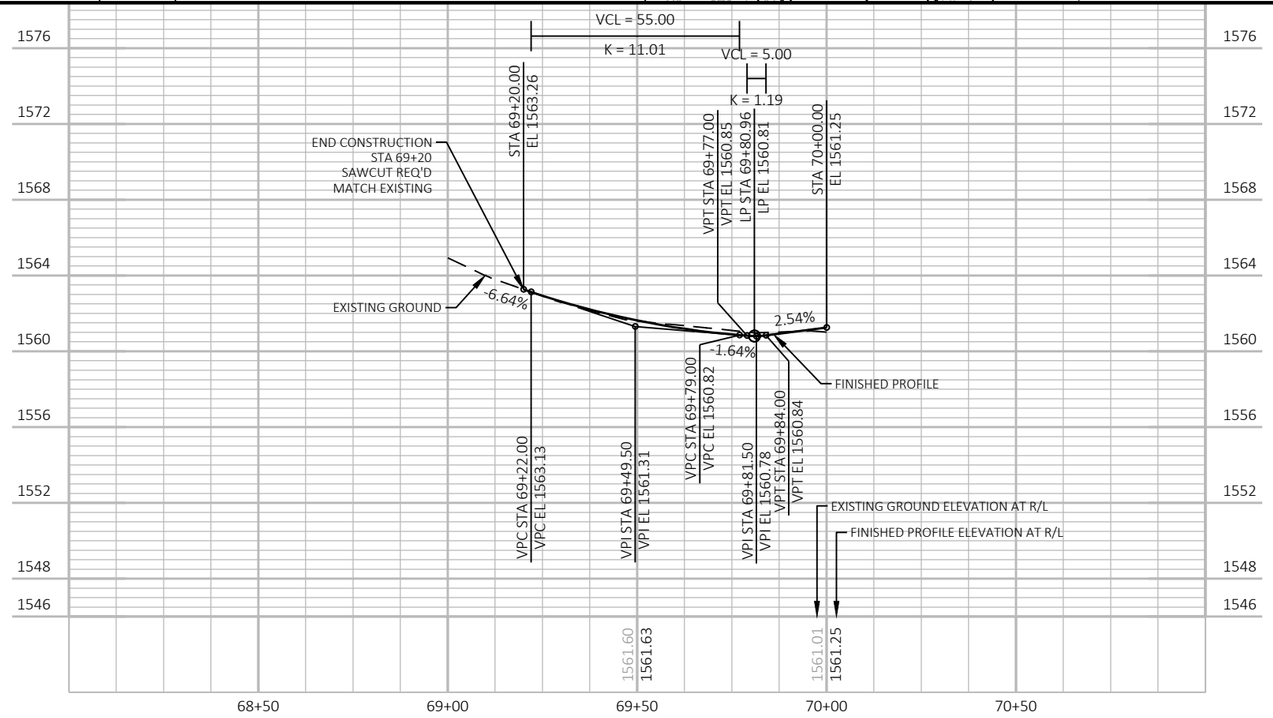
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X — GRUBBING
- F1 — ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES

SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.



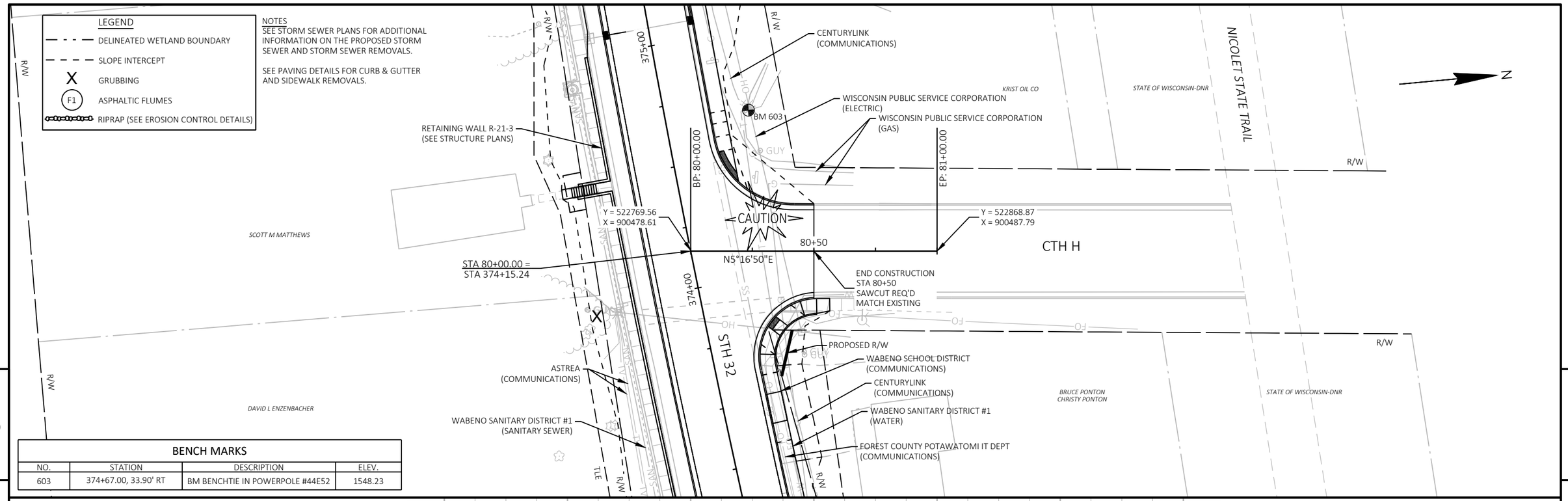


PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE: JONES AVE	SHEET 173	E

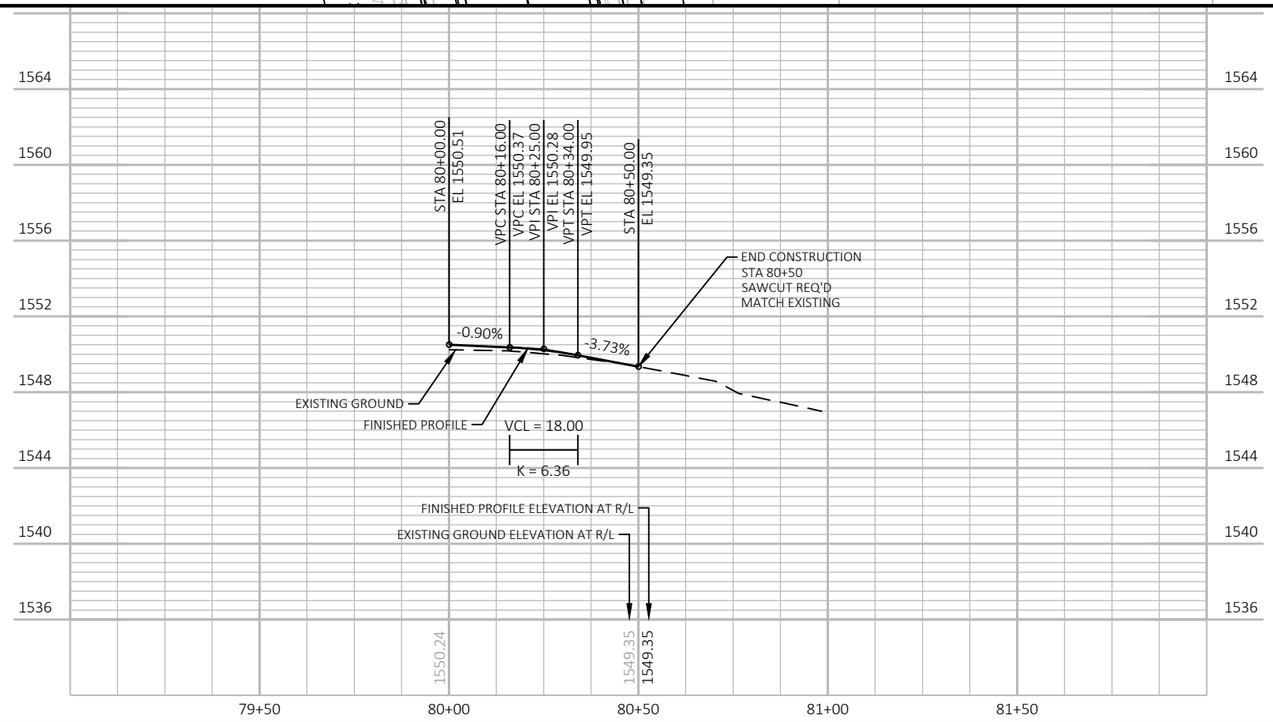
LEGEND
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X GRUBBING
- F1 ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES
SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.



BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
603	374+67.00, 33.90' RT	BM BENCHTIE IN POWERPOLE #44E52	1548.23



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE: CTH H	SHEET 174	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 07
PLOT DATE : 7/20/2023 8:00 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

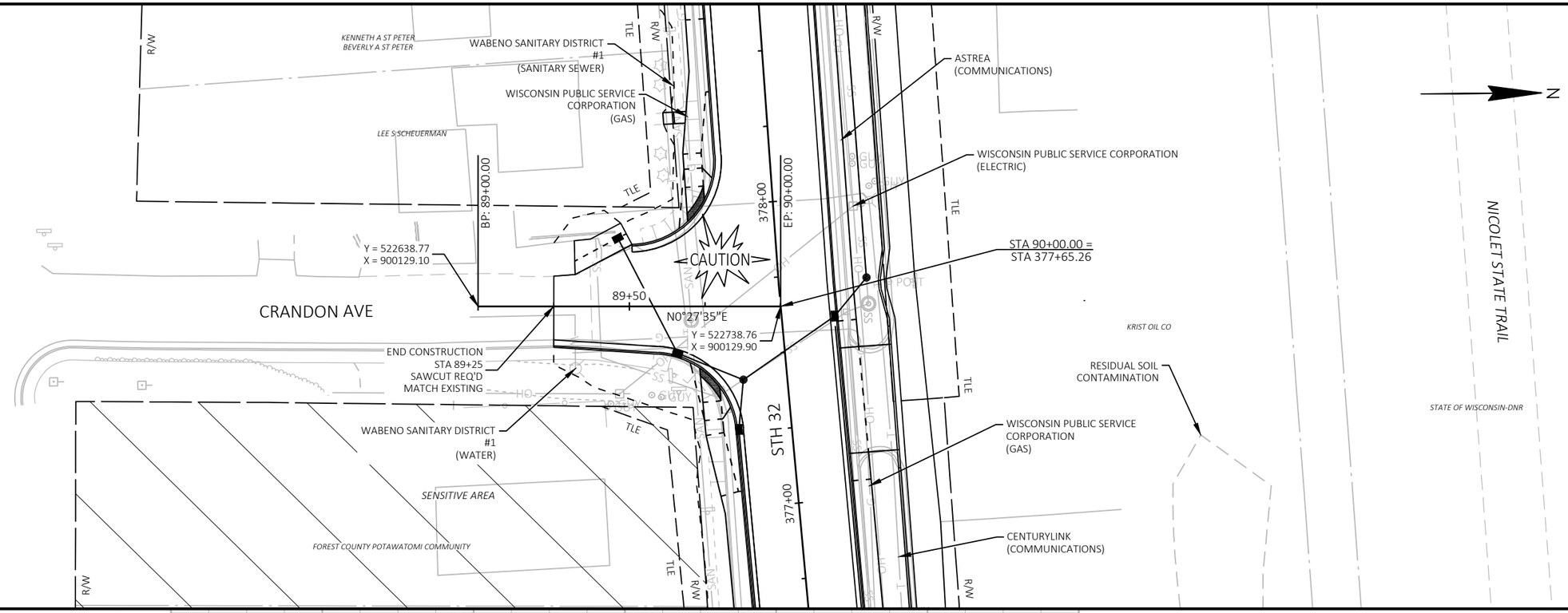
LEGEND

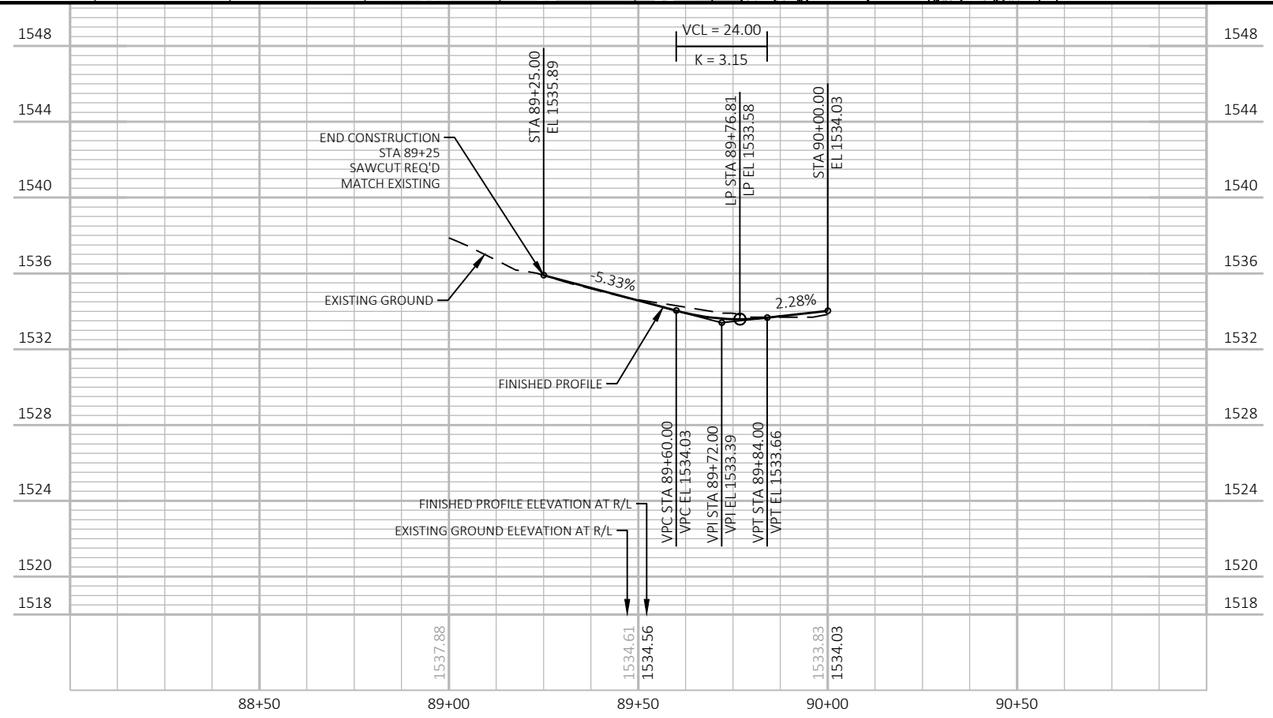
- DELINEATED WETLAND BOUNDARY
- SLOPE INTERCEPT
- X — GRUBBING
- F1 — ASPHALTIC FLUMES
- RIPRAP (SEE EROSION CONTROL DETAILS)

NOTES

SEE STORM SEWER PLANS FOR ADDITIONAL INFORMATION ON THE PROPOSED STORM SEWER AND STORM SEWER REMOVALS.

SEE PAVING DETAILS FOR CURB & GUTTER AND SIDEWALK REMOVALS.





PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PLAN AND PROFILE: CRANDON AVE	SHEET 175	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\050102-PP.DWG
LAYOUT NAME - 08

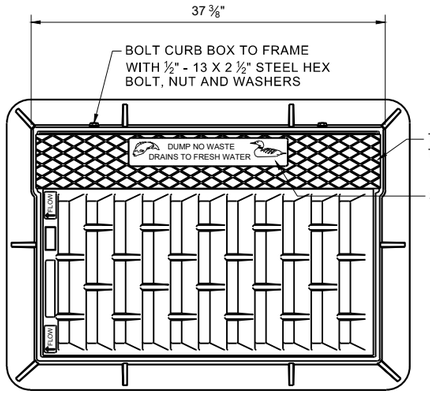
PLOT DATE : 7/20/2023 8:00 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

Standard Detail Drawing List

08A05-20A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-20B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-20D	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08A08-02	CATCH BASINS 3-FT, 4-FT, 5-FT AND 6-FT DIAMETER
08A09-02	CATCH BASINS 2X3-FT AND 2.5X3-FT
08B09-03	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT, 10-FT DIAMETER
08C06-02	INLETS 3-FT AND 4-FT DIAMETER
08C07-02	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08C08-02	INLETS MEDIAN 1 AND 2 GRATE
08D01-23A	CONCRETE CURB & GUTTER
08D01-23B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-07	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D05-21A	CURB RAMPS TYPES 1 AND 1-A
08D05-21B	CURB RAMPS TYPES 2 AND 3
08D05-21C	CURB RAMPS TYPES 4A AND 4A1
08D05-21D	CURB RAMPS TYPE 4B AND 4B1
08D05-21E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-21F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-21G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D18-04	DRIVEWAY AND SIDEWALK RAMPS TYPES X & Y
08D19-04	DRIVEWAY AND SIDEWALK RAMPS TYPE Z
08D21-01	DRIVEWAYS WITHOUT CURB & GUTTER
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F02-01	APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09A01-14A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
12A03-10	NAME PLATE (STRUCTURES)
14B29-01	SAFETY EDGE
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-09F	ADVANCED WIDTH RESTRICTION SIGNING
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-15C	PAVEMENT MARKING ARROWS
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C12-09B	TRAFFIC CONTROL, LANE CLOSURE WITH AUTOMATED FLAGGER ASSISTANCE DEVICE
15C19-08A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-09A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
15D40-05C	TRAFFIC CONTROL, PARTIAL LANE SHIFT NON-FREEWAY/EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER
15D44-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES
15D51-01	TRAFFIC CONTROL, MOBILE OPERATIONS ON AN UNDIVIDED ROADWAY

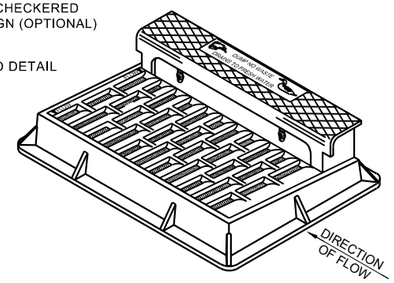
6



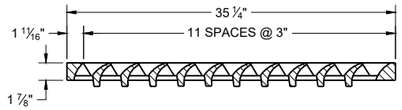
TYPE "C" CHECKERED TOP DESIGN (OPTIONAL)

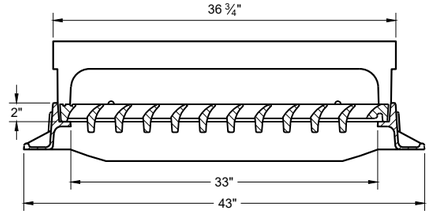
SEE LOGO DETAIL

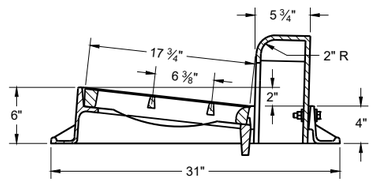
NOTE: EITHER CASTING IS ACCEPTABLE

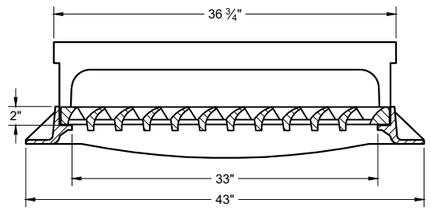


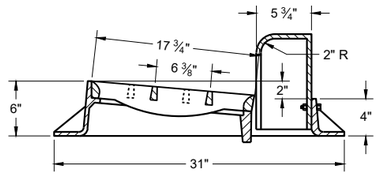
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"







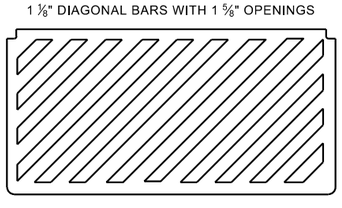




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

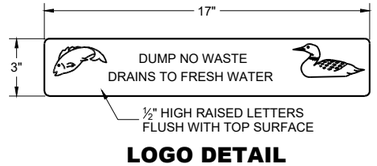
1 ⅛" DIAGONAL BARS WITH 1 ⅝" OPENINGS



SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35" X 17 ¾" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)



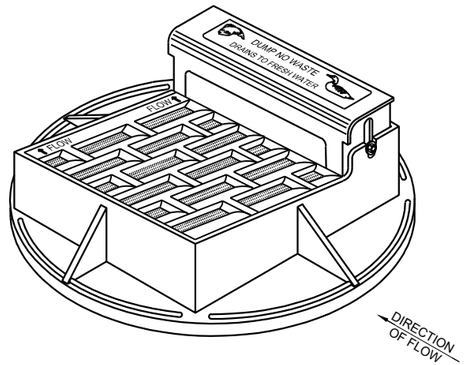
LOGO DETAIL

GENERAL NOTES

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

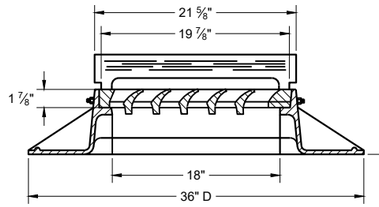
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

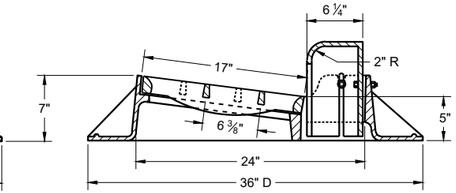
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

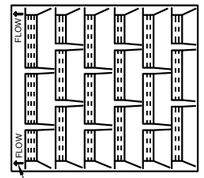


NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

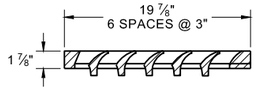
NOTE: EITHER CASTING IS ACCEPTABLE





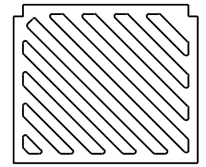


DIRECTION OF FLOW ARROWS



TYPE "A"

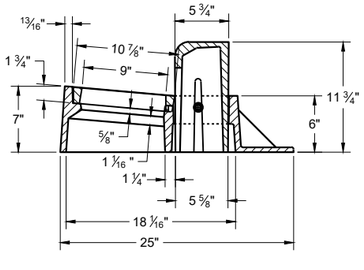
1" DIAGONAL BARS WITH 1 ½" OPENINGS

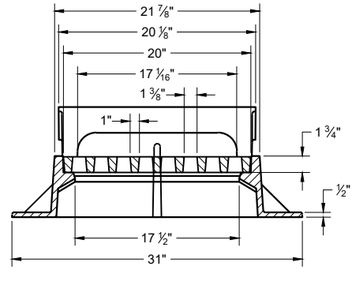


SPECIAL GRATE FOR TYPE "A" COVER

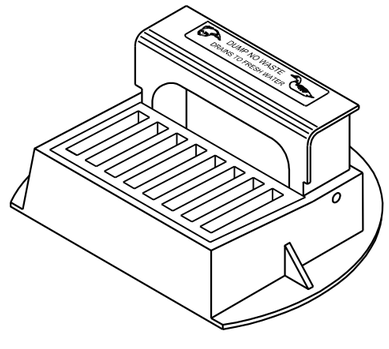
(MEASURES 19 ¾" X 17" X 1 ⅞")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)





TYPE "Z"



INLET COVERS
TYPES A, H, A-S, H-S AND Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

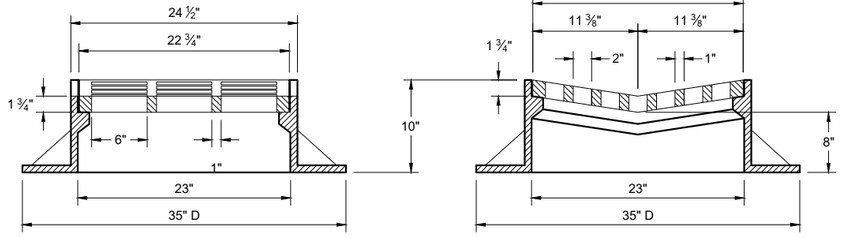
APPROVED

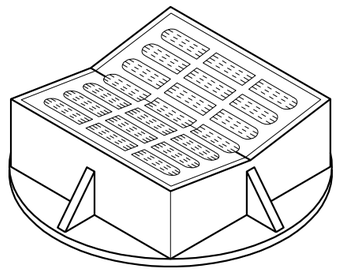
July 2023
DATE

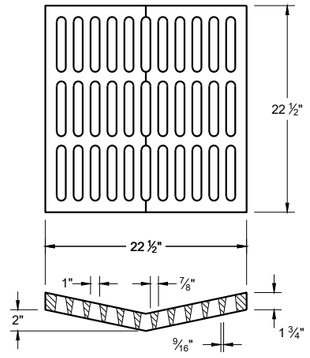
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

SDD 08A05-20a





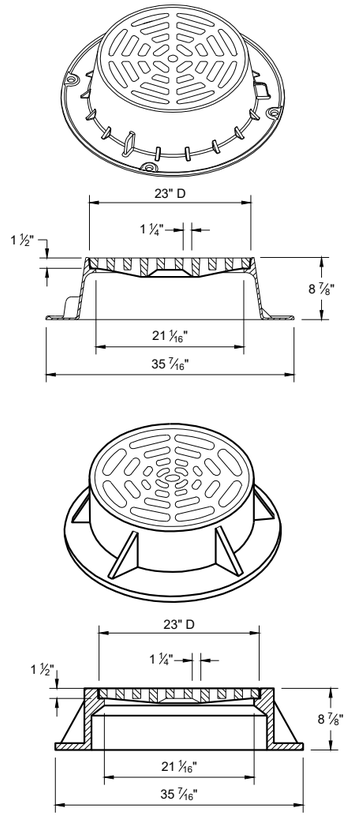


TYPE "B"

ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS POSSIBLE

NOTED AS TYPE B - A ON THE DRAINAGE TABLE



TYPE "C"

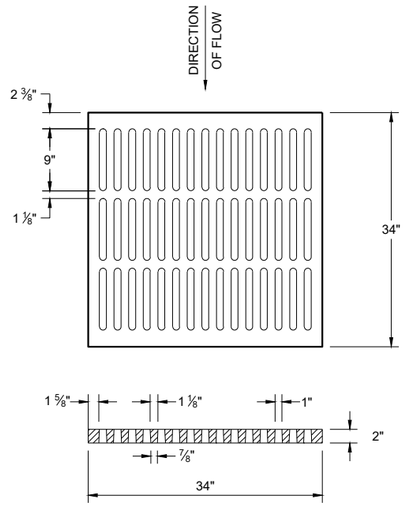
NOTE: EITHER CASTING IS ACCEPTABLE

GENERAL NOTES

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

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

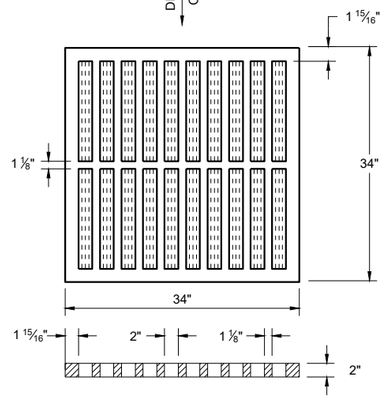
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS PERMITTED

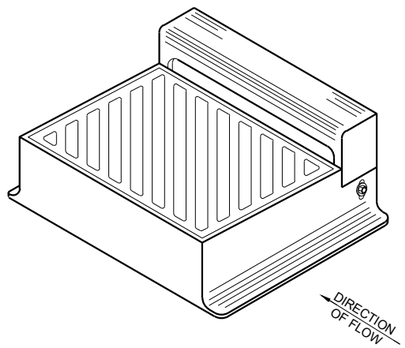
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE



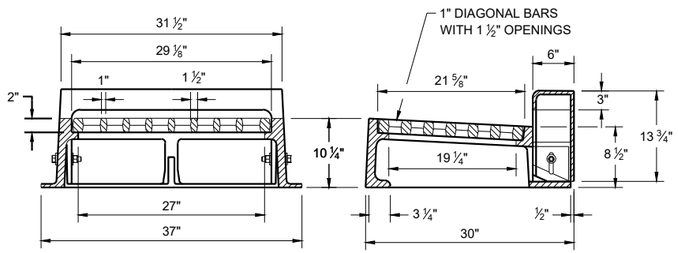
TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS

NOTED AS TYPE MS ON THE DRAINAGE TABLE



DIAGONAL SLOTS SHALL BE ORIENTEDTO THE DIRECTION OF FLOW AS ILLUSTRATED.
GRATES ARE MANUFACTURED TO BE REVERSIBLE.



TYPE "WM"

NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

INLET COVERS TYPES B, B-A, C, MS, MS-A AND WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

July 2023 — DATE

/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6

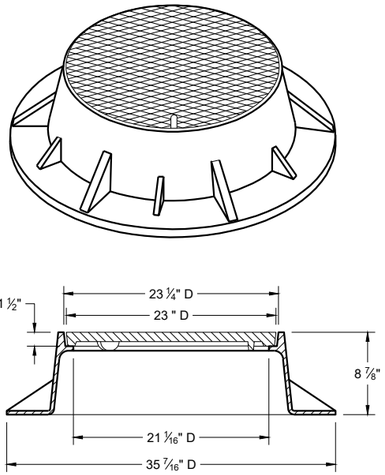
SDD 08A05-20b

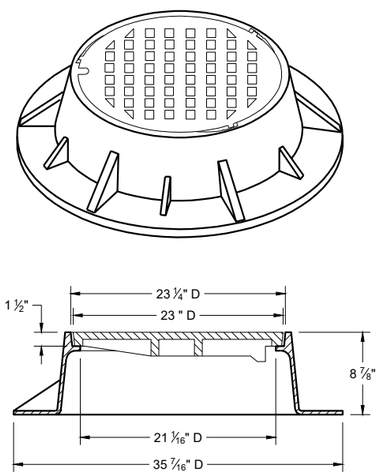
GENERAL NOTES

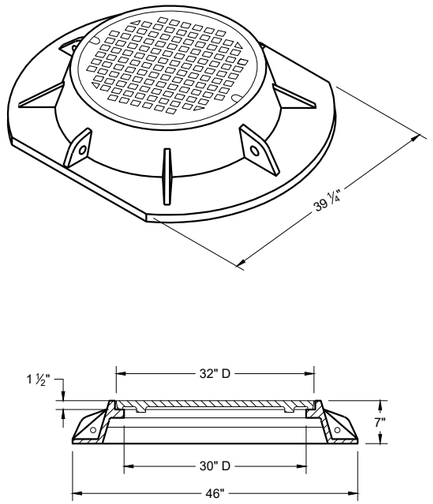
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

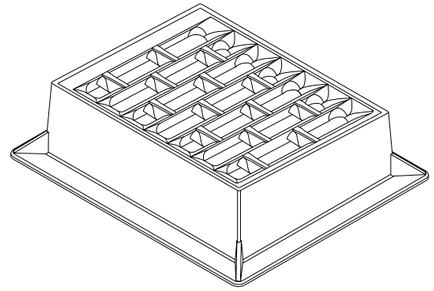
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

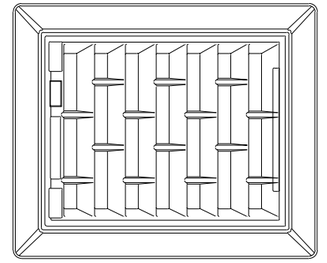


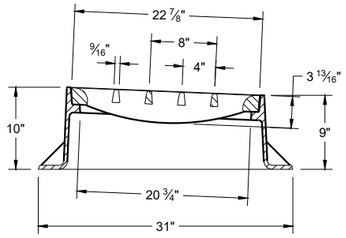


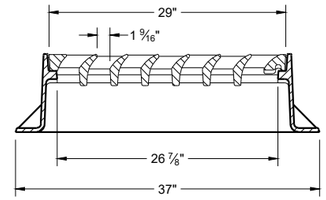


TYPE "K"

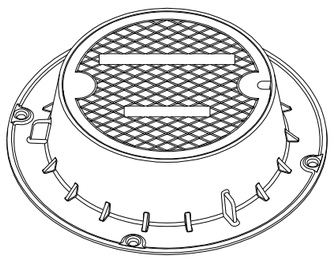


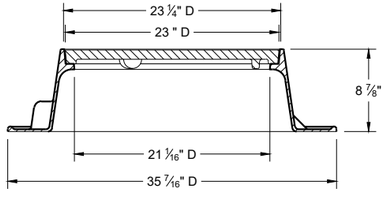






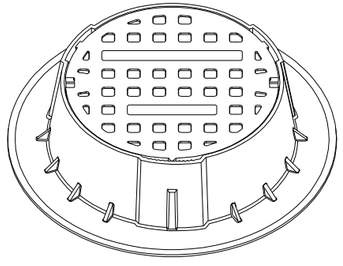
INLET COVER TYPE "BW"

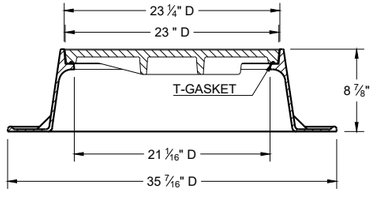




TYPE "J"

NOTE: EITHER CASTING IS ACCEPTABLE

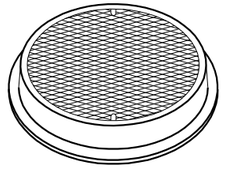


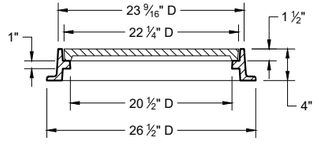


TYPE "J" SPECIAL

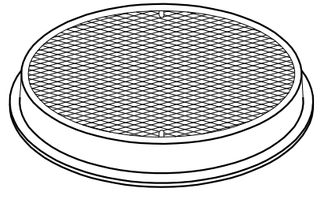
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)

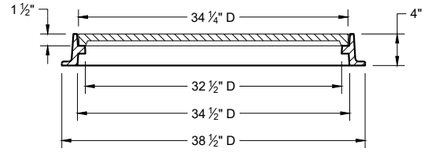
NOTE: EITHER CASTING IS ACCEPTABLE





TYPE "L"





TYPE "M"

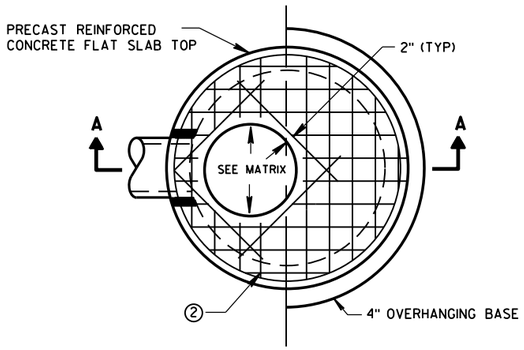
INLET COVERS TYPES BW
MANHOLE COVERS TYPES K, J, J-S, L, AND M

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

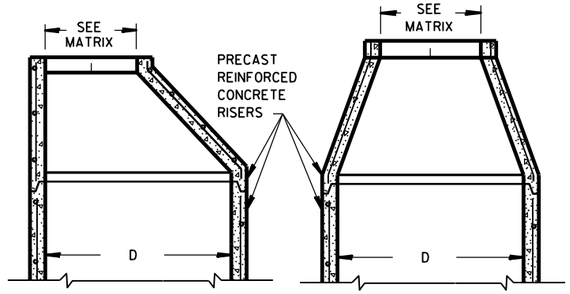
APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6
SDD 08A05-20d

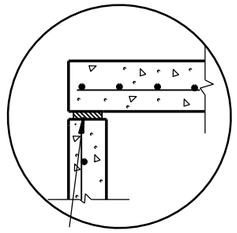


PLAN VIEW CIRCULAR OPENING

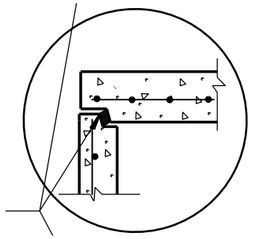


OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

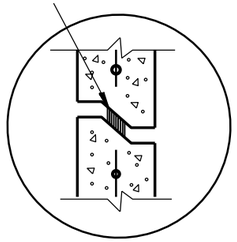


TOP WITH PLAIN END JOINT



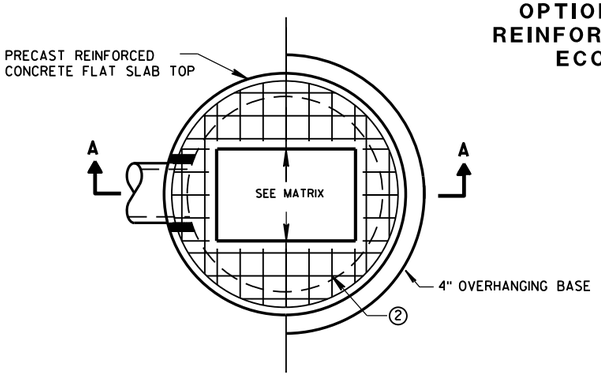
JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)

TOP WITH TONGUE AND GROOVE JOINT

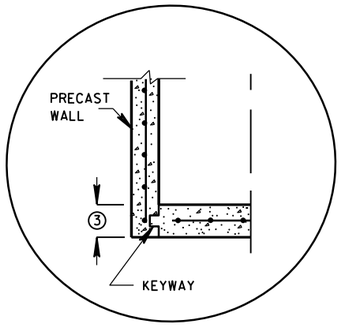


RISER WITH TONGUE AND GROOVE JOINT

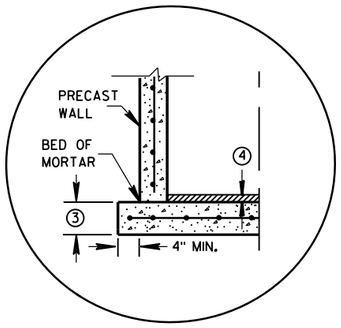
DETAIL "B"



PLAN VIEW RECTANGULAR OPENING

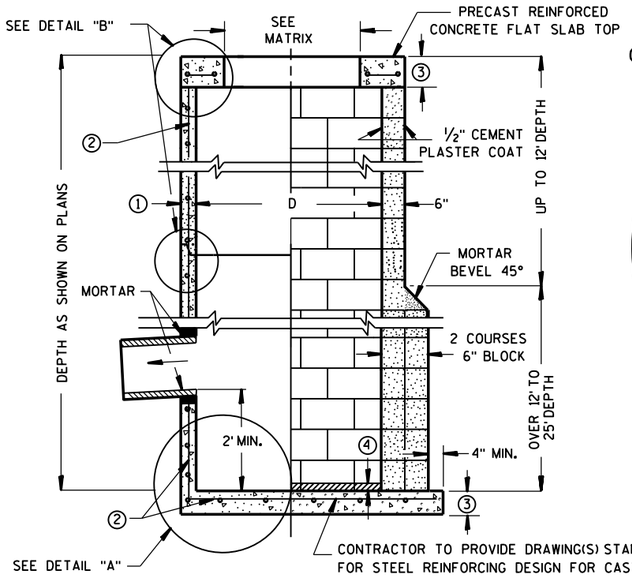


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"

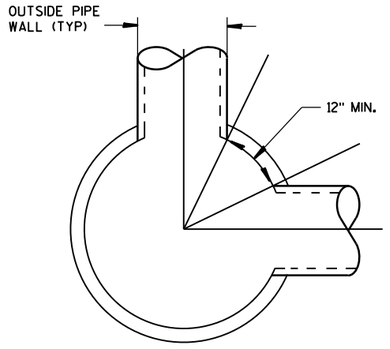


CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES

SECTION A-A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②



DETAIL "C"

GENERAL NOTES

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

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST CATCH BASIN UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES, AND CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT, 5 INCHES FOR 4-FT, 6 INCHES FOR 5-FT AND 7 INCHES FOR 6-FT DIAMETER PRECAST CATCH BASINS.

② FOR PRECAST CATCH BASINS PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

③ PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER OF 48" AND LESS SHALL HAVE A MINIMUM THICKNESS OF 6". PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER LARGER THAN 48" SHALL HAVE A MINIMUM THICKNESS OF 8".

④ 1" CONCRETE KEY POURED AFTER INSTALLATION. 2' SUMP MEASURED FROM TOP OF KEY.

CATCH BASIN COVER OPENING MATRIX

CATCH BASIN SIZE	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
	OPENING SIZE (FT)											
3-FT	2X2	X	X					X		X		
	2 DIA.				X							X
4-FT-6-FT	2X2	X	X					X		X		
	2X2.5			X				X	X	X	X	
	2 DIA.				X							X
	2X3						X					
	2.5X3					X						

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18
5-FT	36	24
6-FT	42	30

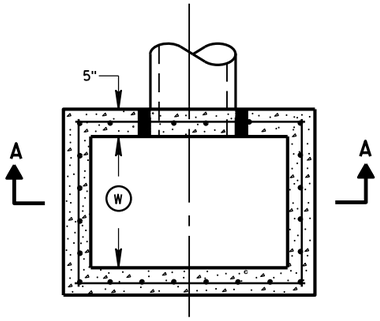
CATCH BASINS 3-FT, 4-FT, 5-FT AND 6-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

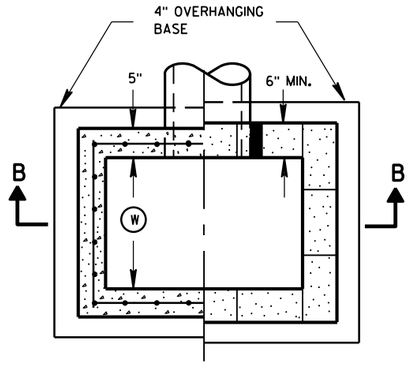
APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
FHWA

S.D.D. 8 A 8-2

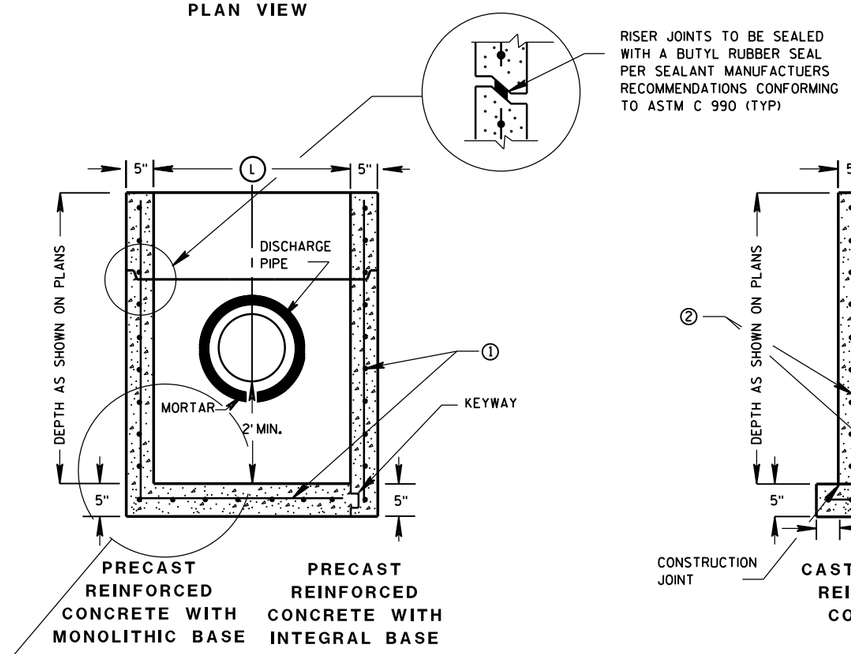
S.D.D. 8 A 8-2



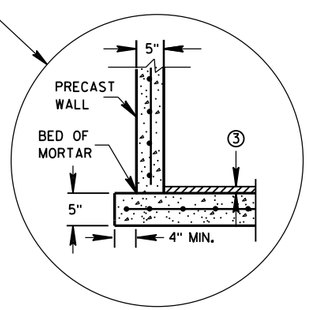
PLAN VIEW



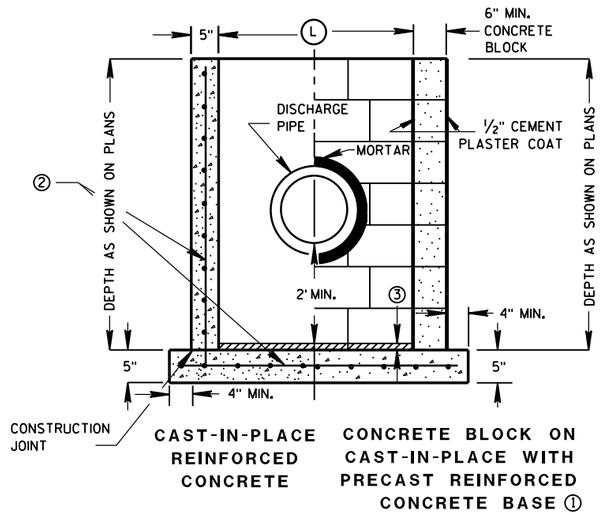
PLAN VIEW



SECTION A-A



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION



SECTION B-B

GENERAL NOTES

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

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST CATCH BASIN UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST CATCH BASIN UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST CATCH BASINS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

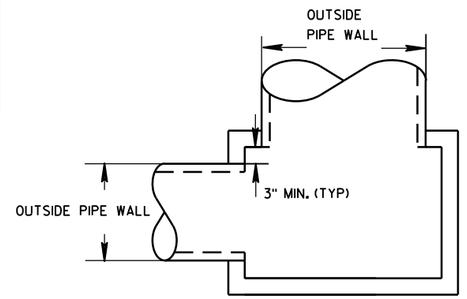
③ 1" CONCRETE KEY POURED AFTER INSTALLATION. 2' SUMP MEASURED FROM TOP OF KEY.

CATCH BASIN COVER MATRIX

CATCH BASIN SIZE		INLET COVER TYPE	F	ALL H'S
	WIDTH (W) (FT)	LENGTH (L) (FT)		
2X3-FT	2	3		X
2.5X3-FT	2.5	3	X	

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	WIDTH (IN)	LENGTH (IN)
2X3-FT	12	24
2.5X3-FT	18	24



DETAIL "A"

CATCH BASINS 2X3-FT AND 2.5X3-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor
ROADWAY STANDARDS UNIT SUPERVISOR
FHWA

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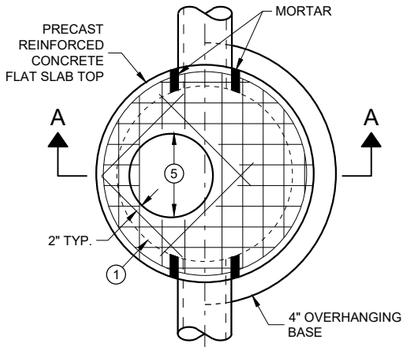
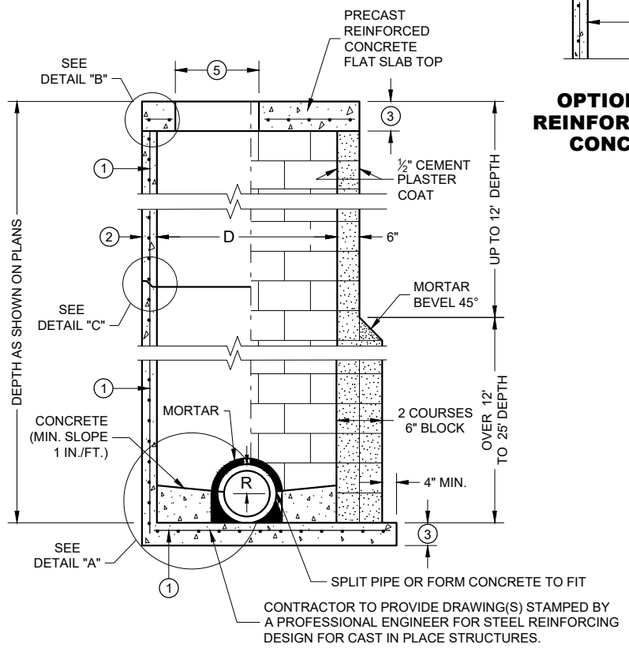
S.D.D. 8 A 9-2



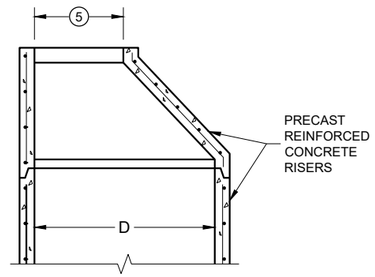
PLAN VIEW
CIRCULAR OPENING



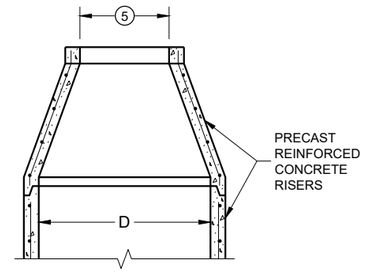
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)



OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

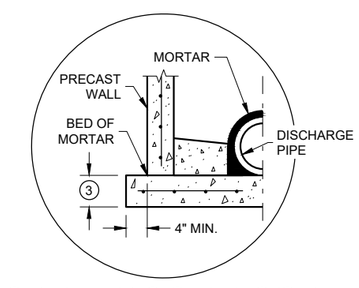
MANHOLE COVER OPENING MATRIX

OPENING SIZE (FT.) \ MANHOLE COVER TYPE	C	ALL J'S	K	L	M
2 DIA.	X	X		X	
3 DIA.			X		X

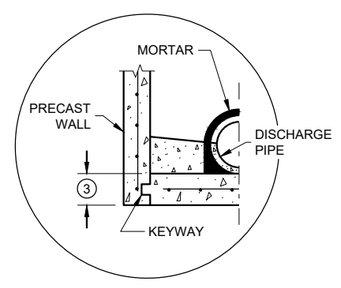
PIPE MATRIX

MANHOLE SIZE (DIA.)	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES		MINIMUM WALL THICKNESS (IN)	MINIMUM PRECAST FLAT SLAB TOP AND BASE THICKNESS
	180° SEPARATION (IN)	90° SEPARATION (IN)		
3-FT	15	12	4	6
4-FT	24	18	4	6
5-FT	36	24	5	8
6-FT	42	36	6	8
7-FT	48	36/42*	7	8
8-FT	60	42	8	8
9-FT	66	54	9	10
10-FT	72	60	10	10

*A 36" PIPE AND A 42" PIPE CAN BE PLACED WITHIN 90 DEGREES.
SEE MINIMUM HORIZONTAL PIPE SEPARATION DETAIL.

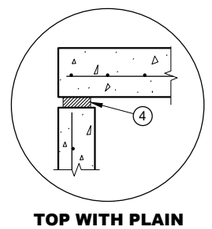


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

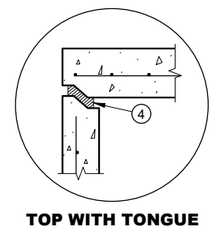


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

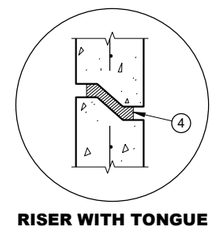
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B" **DETAIL "C"**

GENERAL NOTES

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

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

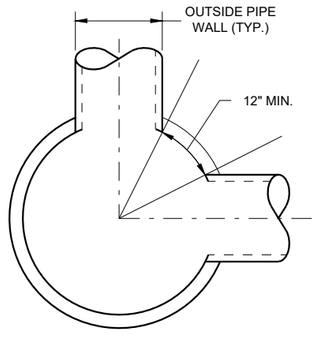
(1) FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(2) SEE PIPE MATRIX TABLE FOR MINIMUM WALL THICKNESS FOR PRECAST MANHOLES

(3) SEE PIPE MATRIX TABLE FOR MINIMUM THICKNESS OF PRECAST FLAT SLAB TOPS AND BASES.

(4) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP.).

(5) SEE MANHOLE COVER OPENING MATRIX.



MINIMUM HORIZONTAL PIPE SEPARATION

MANHOLES, 3-FT, 4-FT 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
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FHWA

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

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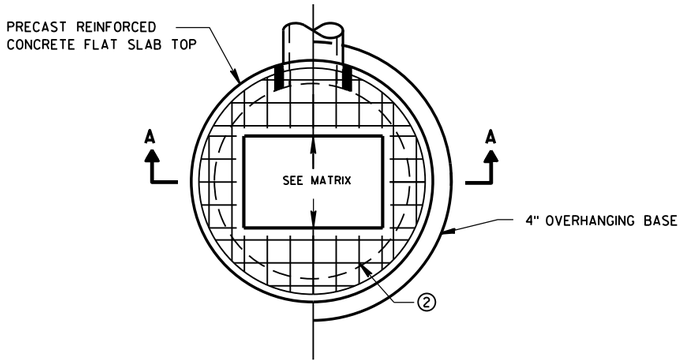
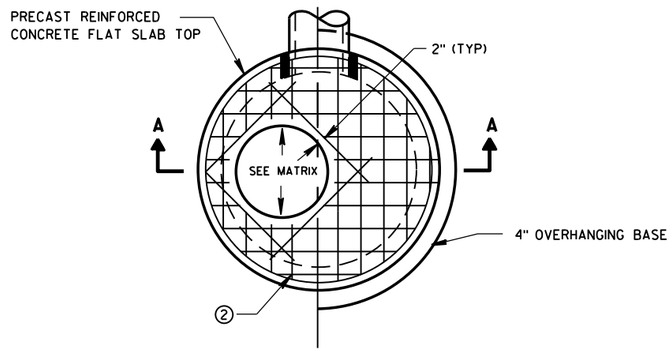
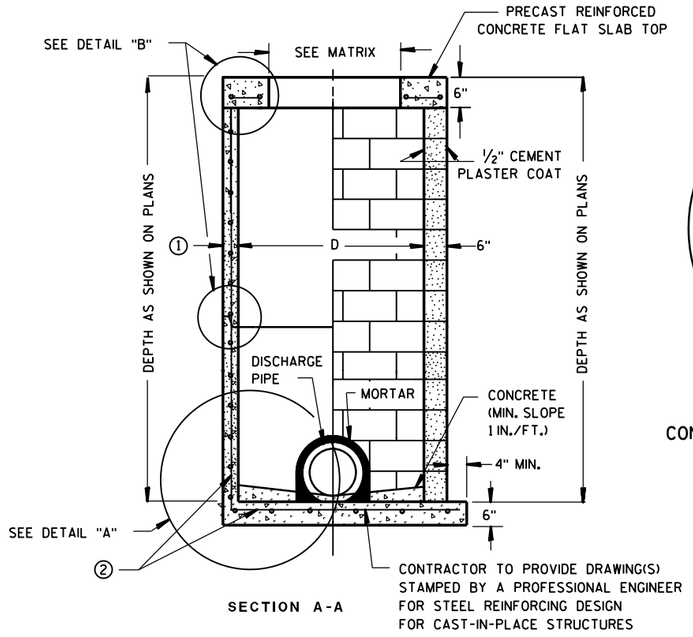


PLAN VIEW RECTANGULAR OPENING



PLAN VIEW CIRCULAR OPENING

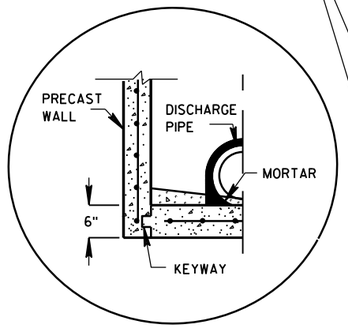


SECTION A-A

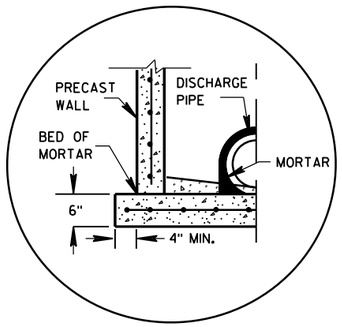
PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

CIRCULAR INLETS W/ FLAT TOP

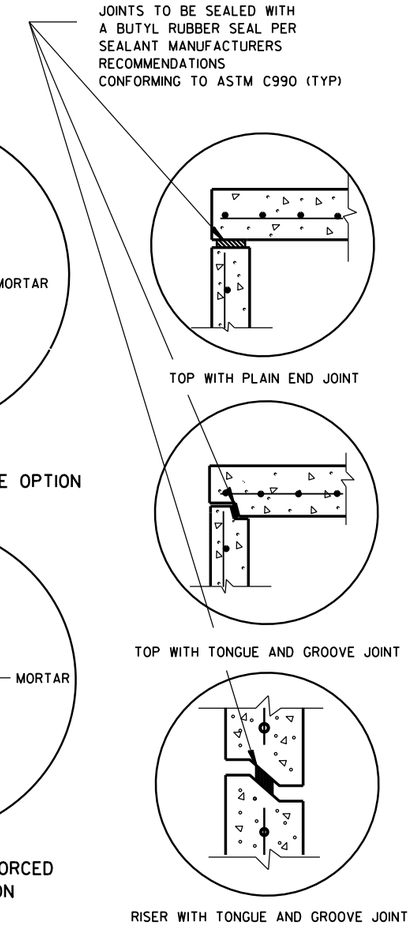


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



DETAIL "B"

GENERAL NOTES

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

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

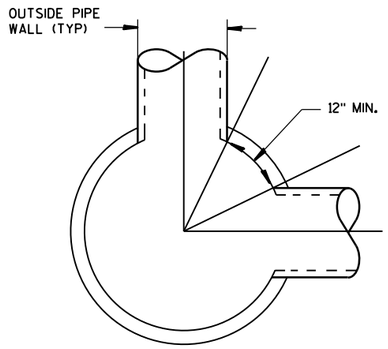
FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4-IN FOR 3-FT DIAMETER AND 5-IN FOR 4-FT DIAMETER PRECAST INLETS.

② FOR PRECAST CATCH BASINS PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

INLET COVER OPENING MATRIX

	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
INLET SIZE	OPENING SIZE (FT)											
3-FT	2 DIA.				X							X
	2X2	X	X					X		X		
4-FT	2 DIA.				X							X
	2X2	X	X					X		X		
	2X2.5			X				X	X	X	X	
	2X3						X					
	2.5X3					X						



DETAIL "C"

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

INLETS 3-FT AND 4-FT DIAMETER

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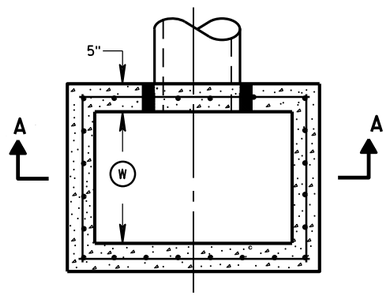
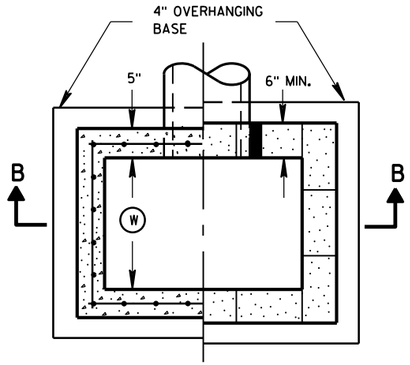
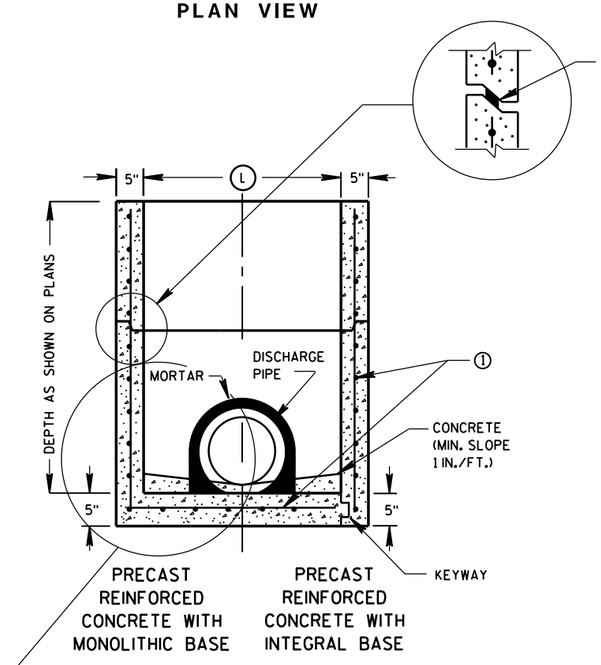
INLETS 3-FT AND 4-FT DIAMETER



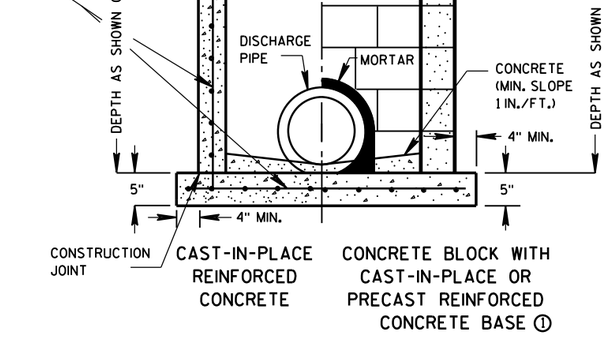
PLAN VIEW



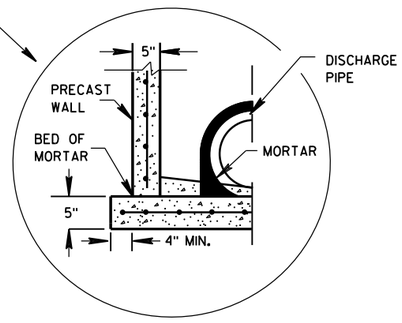
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

GENERAL NOTES

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

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

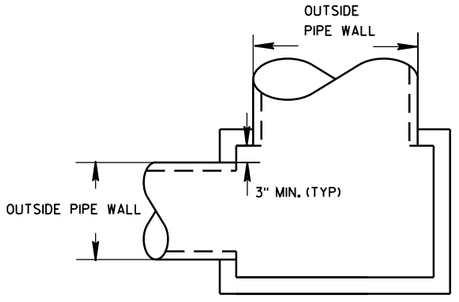
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



DETAIL "A"

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

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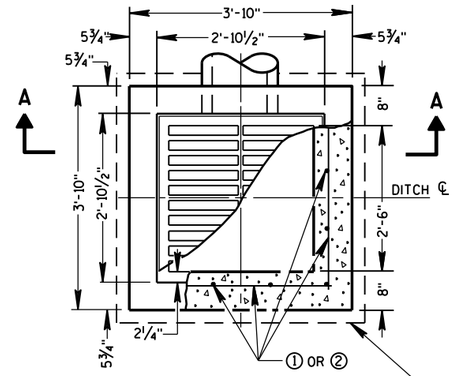
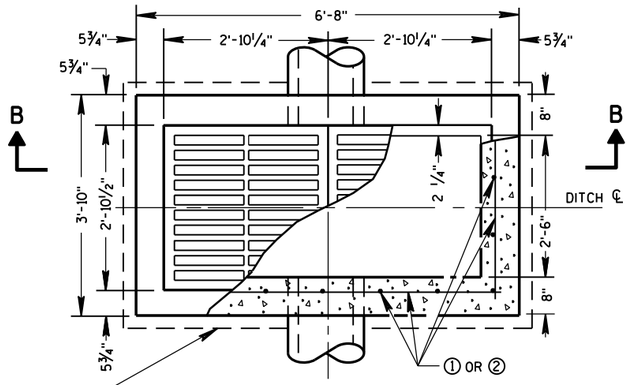
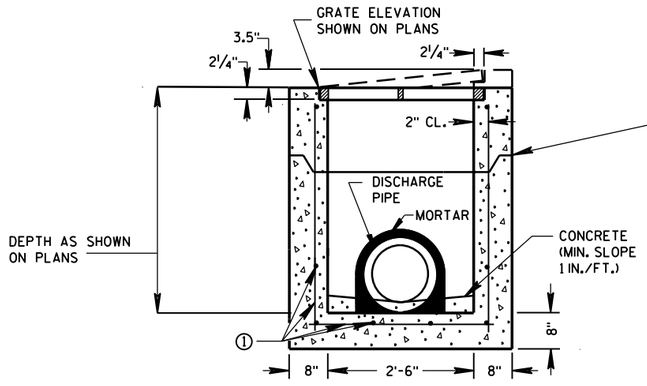


PLAN VIEW

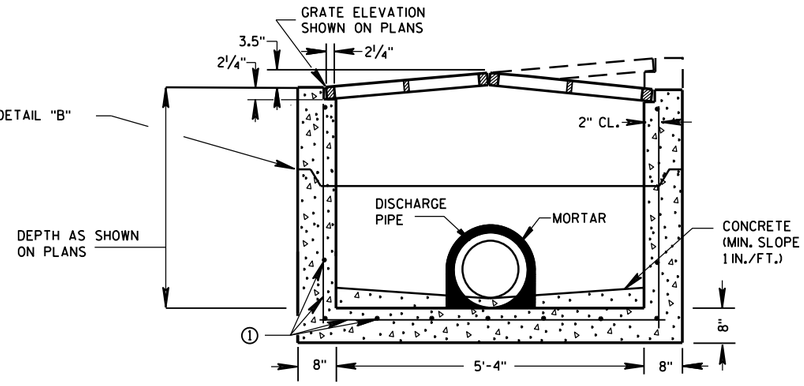


PLAN VIEW

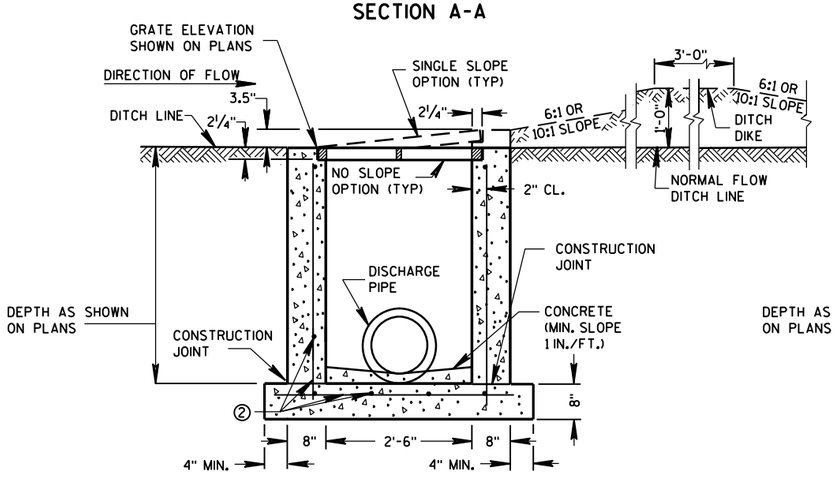
4" OVERHANGING BASE ON REINFORCED CAST-IN-PLACE CONCRETE INLETS



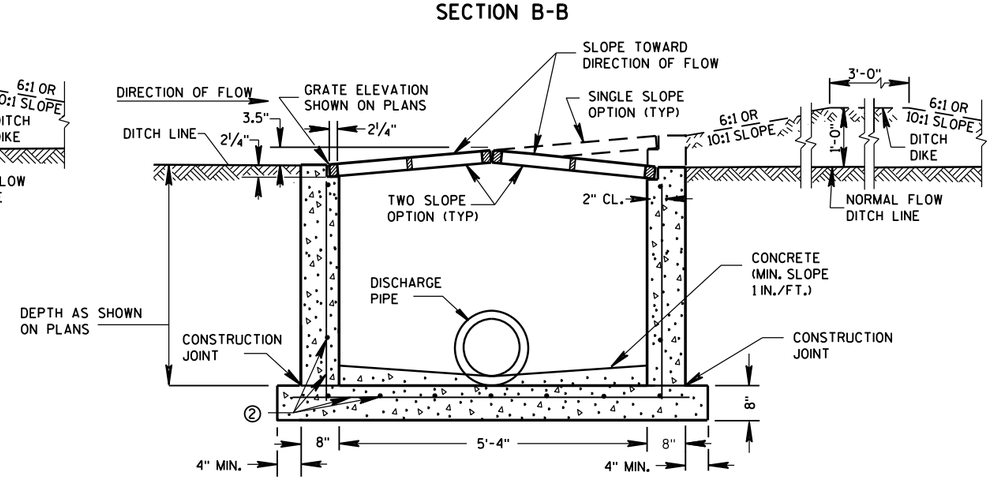
PRECAST REINFORCED CONCRETE SECTION A-A



PRECAST REINFORCED CONCRETE SECTION B-B



REINFORCED CAST-IN-PLACE CONCRETE SECTION A-A



REINFORCED CAST-IN-PLACE CONCRETE SECTION B-B

INLETS MEDIAN 1 GRATE

INLETS MEDIAN 2 GRATE

GENERAL NOTES

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

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 1G-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

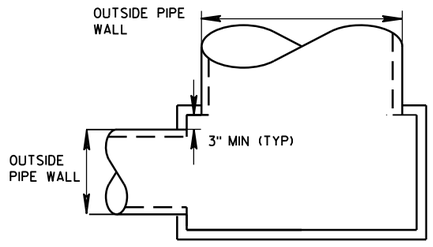
MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

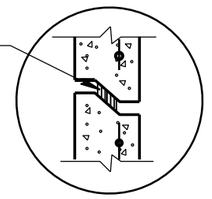
PIPE MATRIX

	MAXIMUM INSIDE PIPE DIAMETER	
INLET SIZE	WIDTH (IN)	LENGTH (IN)
1 GRATE	18	18
2 GRATE	18	42



DETAIL "A"

JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)



DETAIL "B"

INLETS MEDIAN 1 AND 2 GRATE

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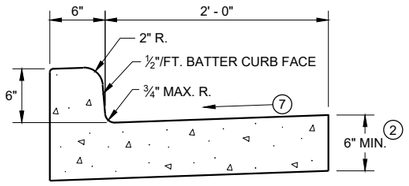
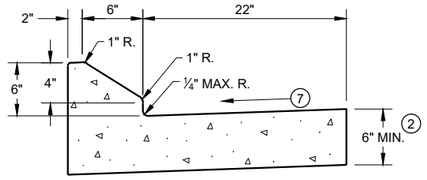
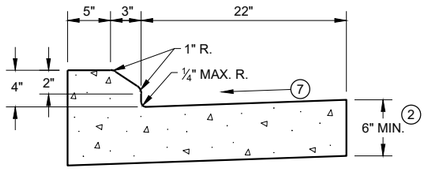


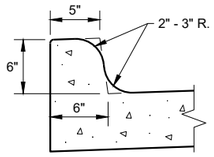
TYPES A (1) & D



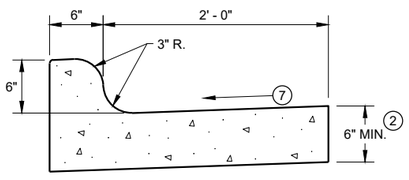
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

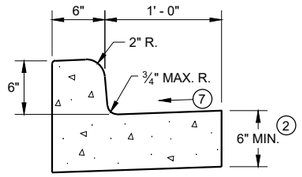


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



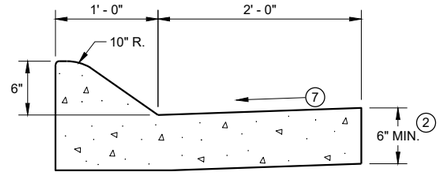
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

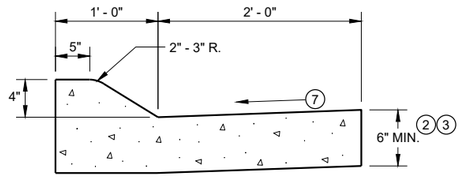


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

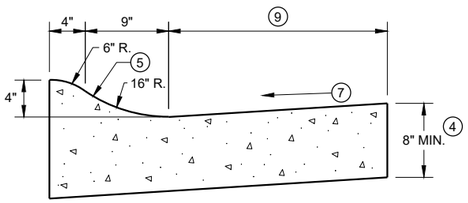


6" SLOPED CURB TYPES A (1) & D



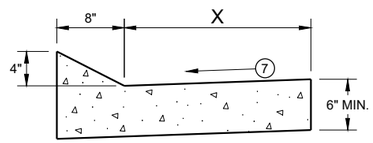
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

TBT & TBTT	X
30"	22"
36"	28"

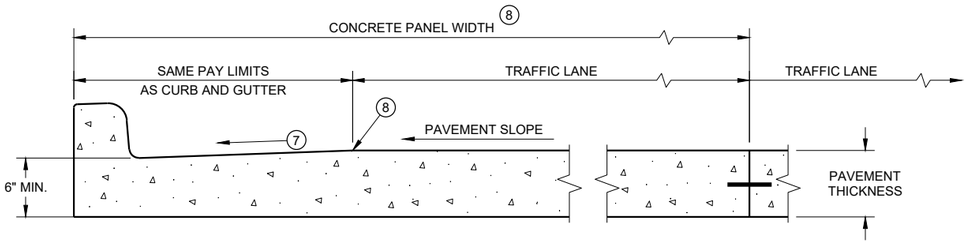


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

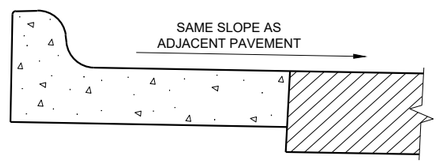
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

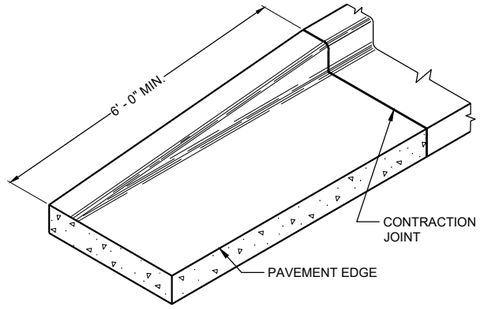
(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

(9) CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

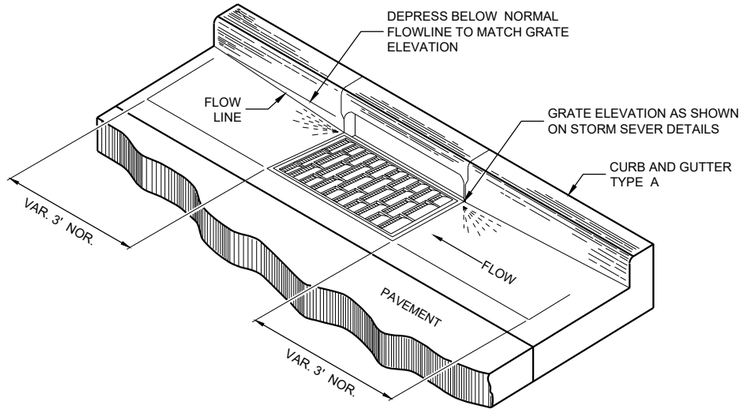
CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 08D01 - 23a



END SECTIONCURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

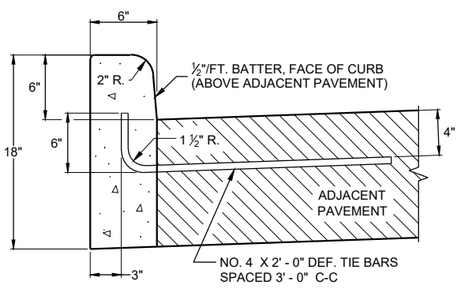
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

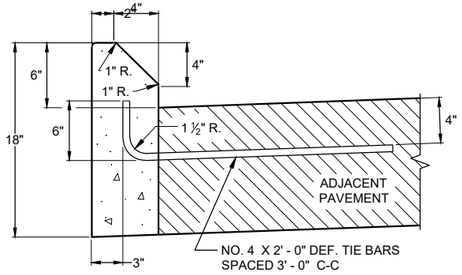
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

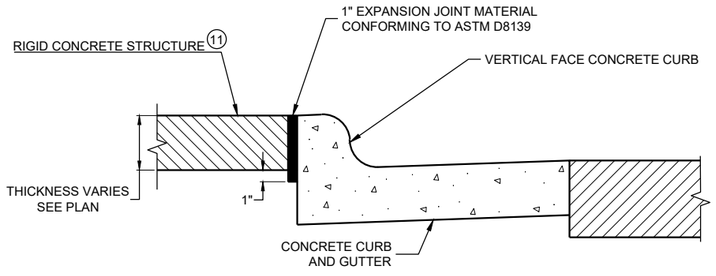


TYPES A (1) & D

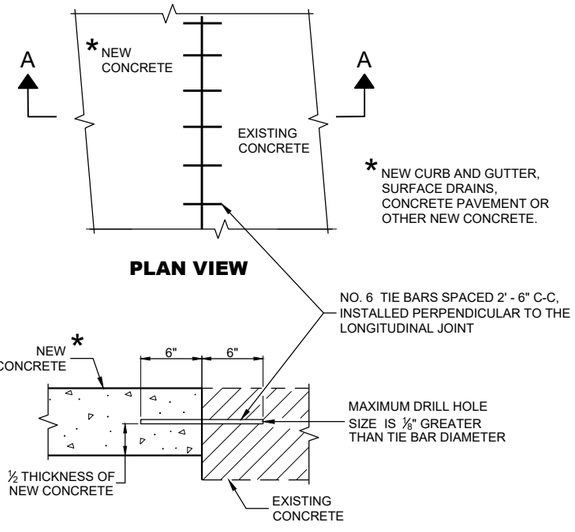


TYPES G (1) & J

CONCRETE CURB



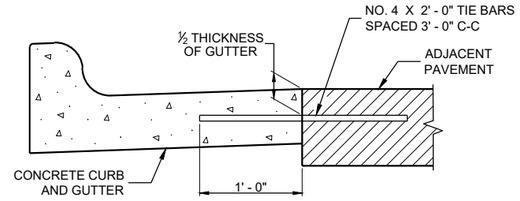
EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



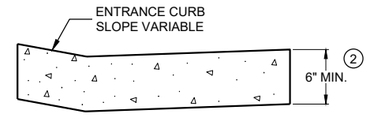
PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

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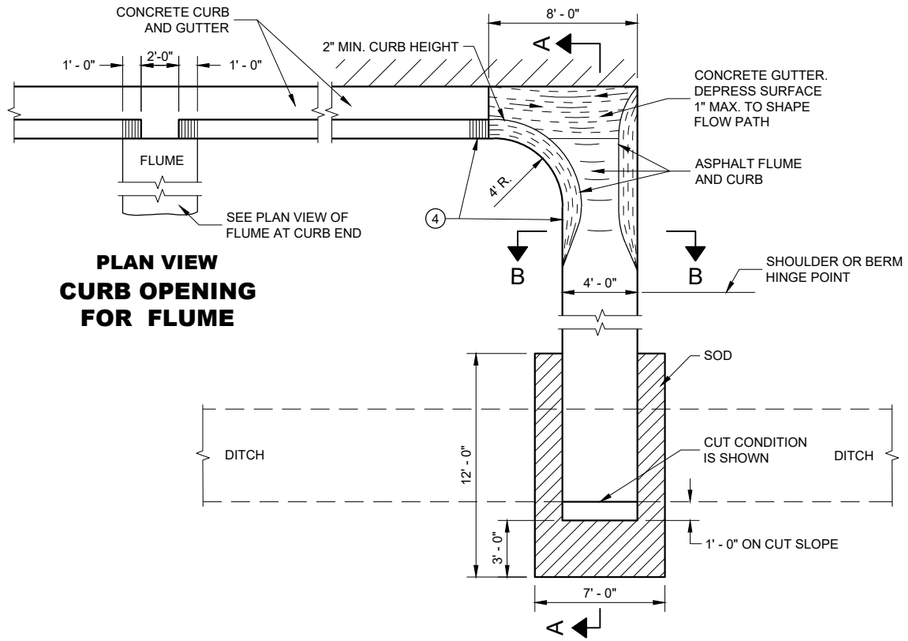
SDD08D01 - 23b

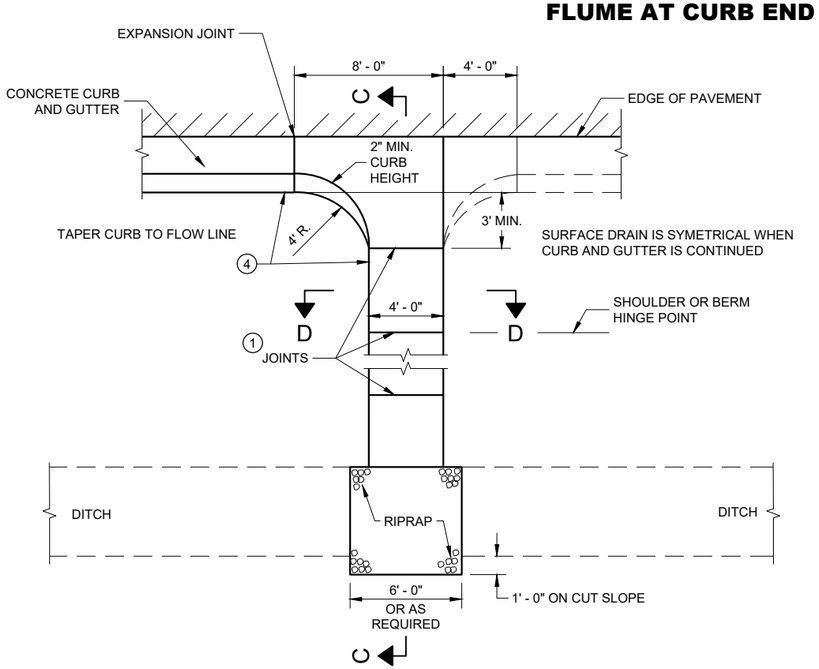
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



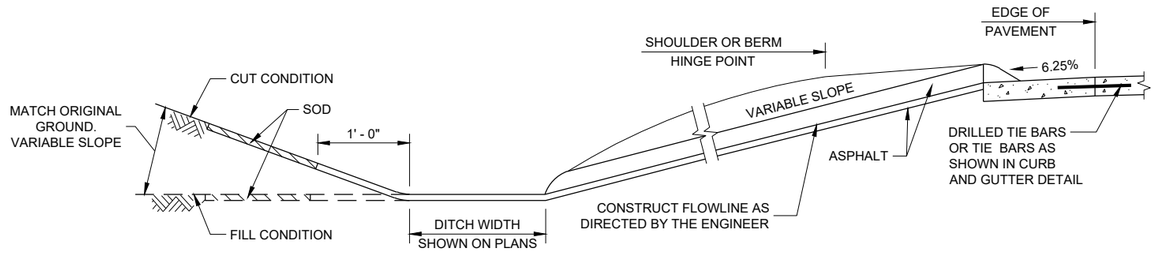
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

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

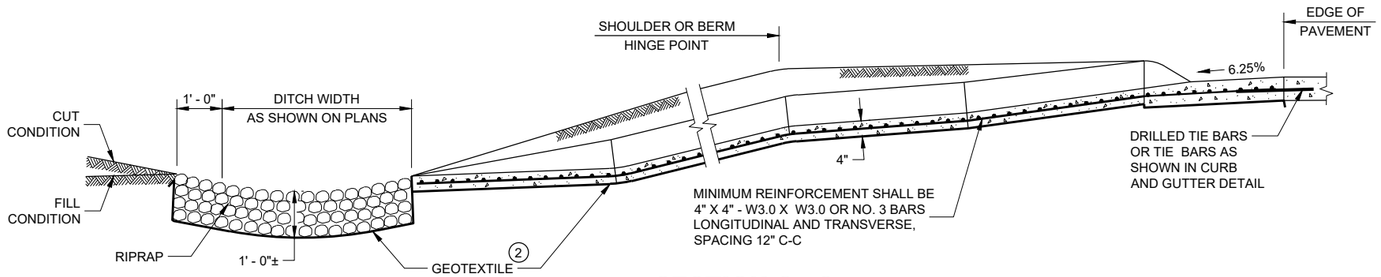
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.

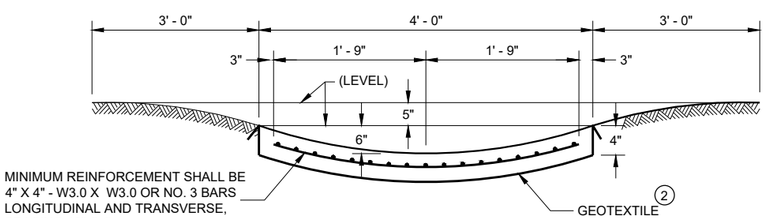


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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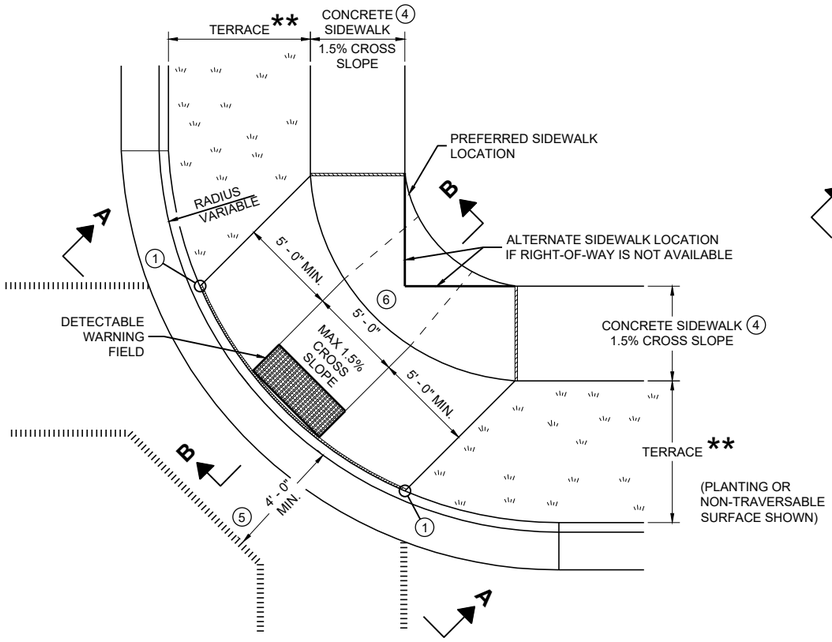
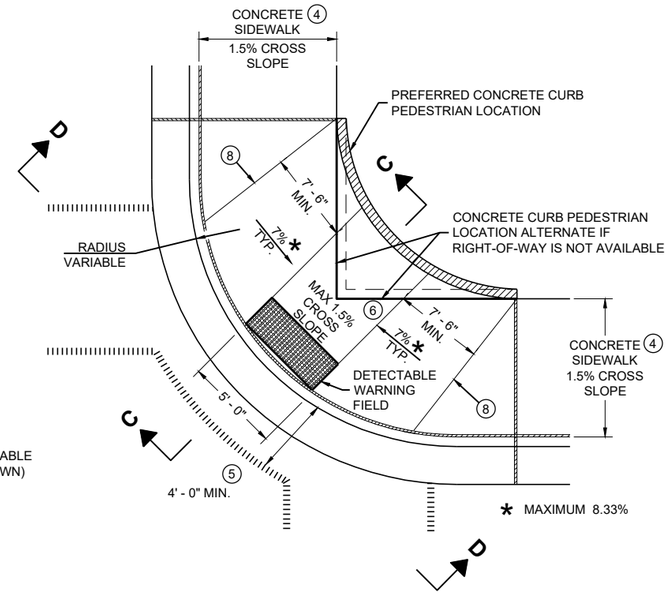
SDD 08D04 - 07



PLAN VIEW

CURB RAMP TYPE 1

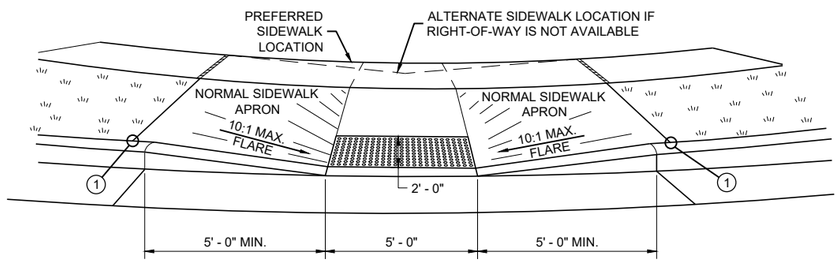
(CENTER OF CORNER RADIUS)



PLAN VIEW

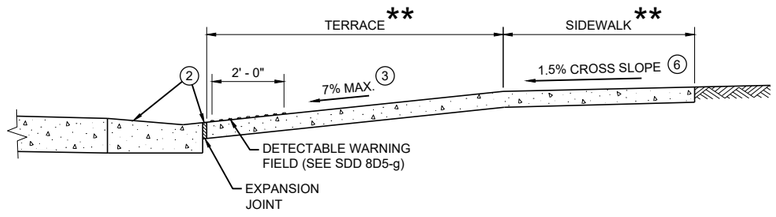
CURB RAMP TYPE 1 - A

(NO TERRACE)

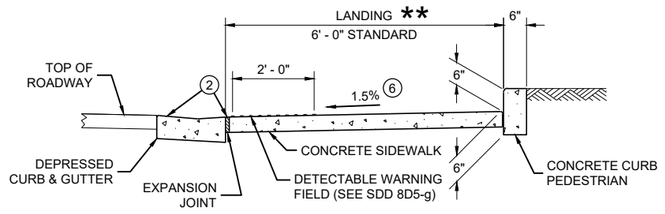


VIEW A - A FOR TYPE 1

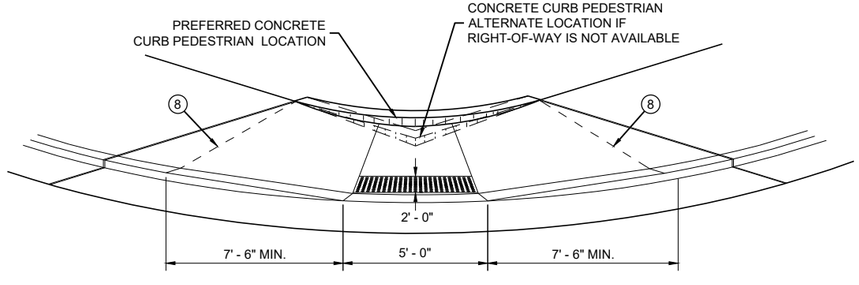
** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B - B FOR TYPE 1



SECTION C - C FOR TYPE 1 - A



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ½ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA. 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

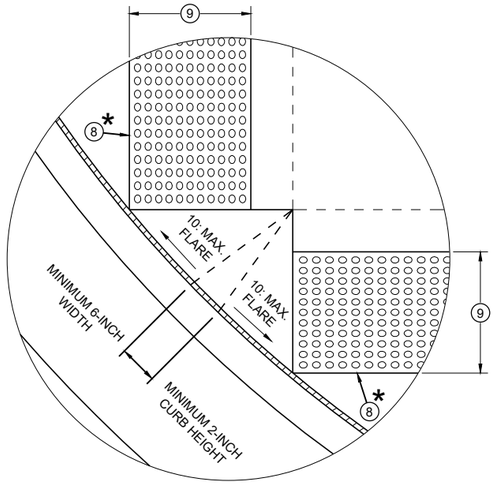
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

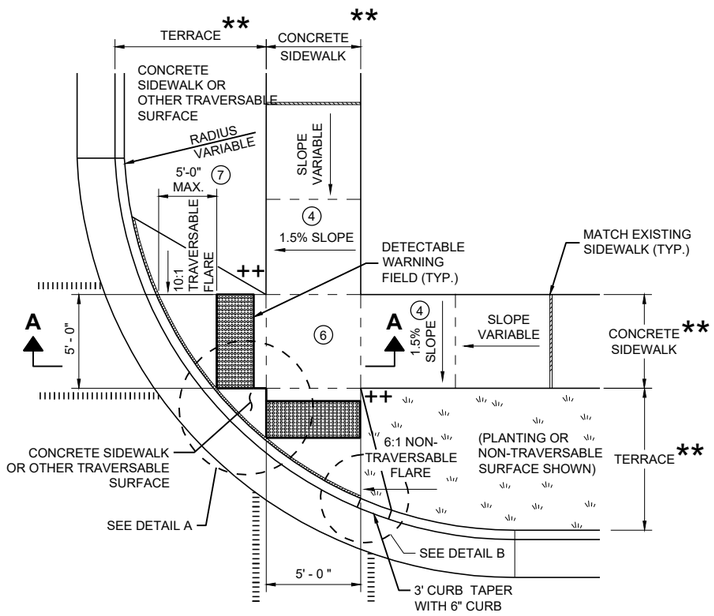
CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

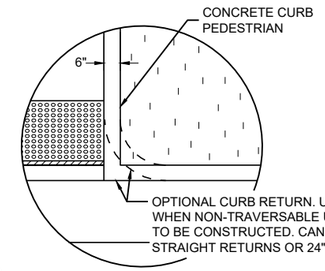
6
SDD 08D05-21a



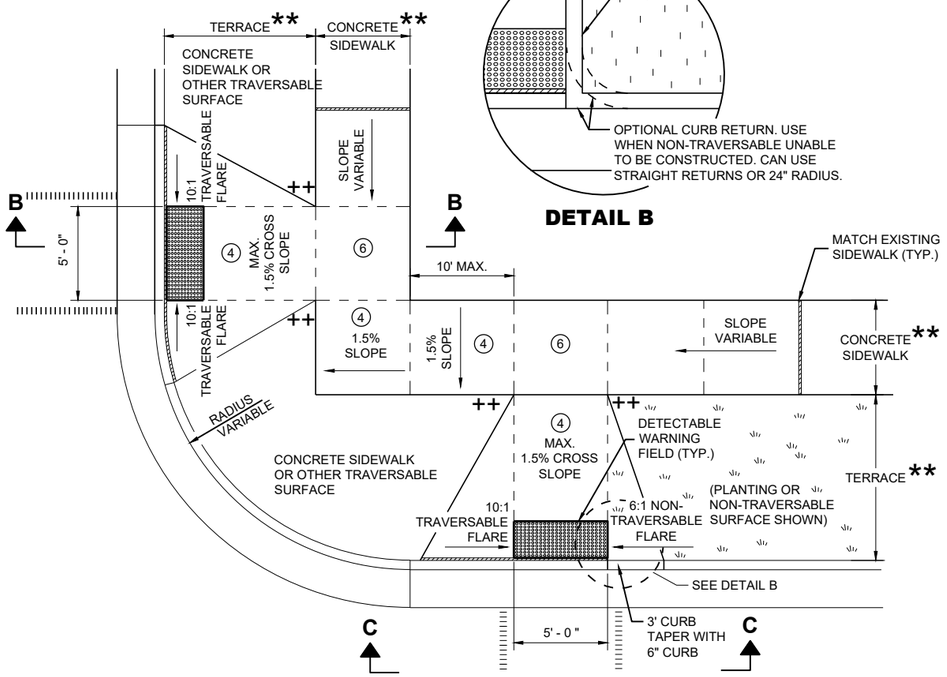
DETAIL A



PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)



DETAIL B



PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.

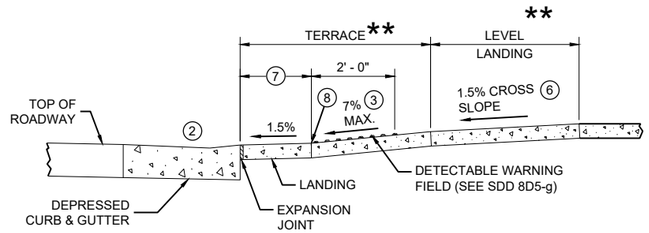
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

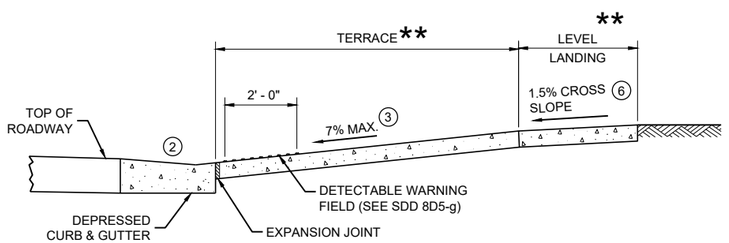


SECTION A - A FOR TYPE 2

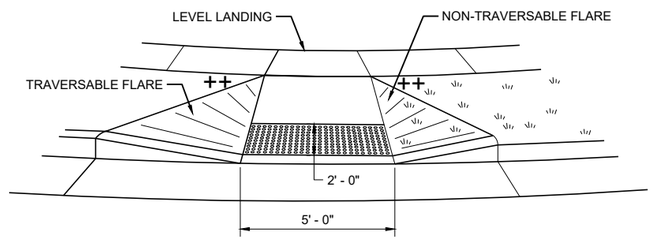
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



SECTION B - B FOR TYPE 3



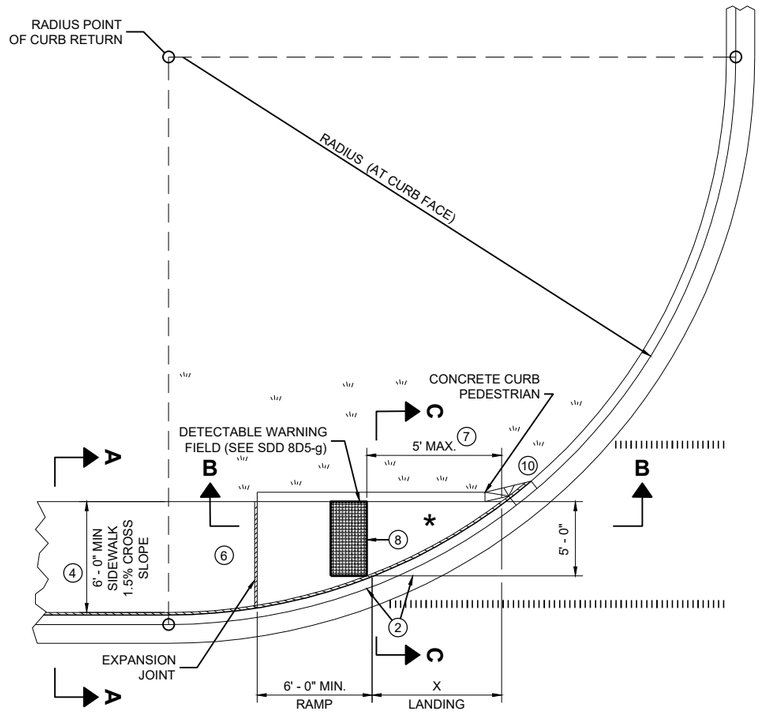
VIEW C - C FOR TYPE 3

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

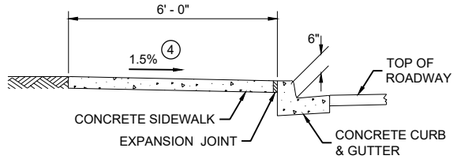


PLAN VIEW

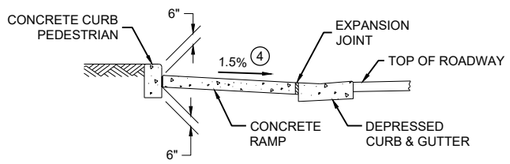
CURB RAMP TYPE 4A

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

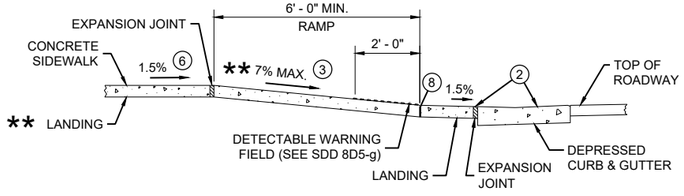
INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A



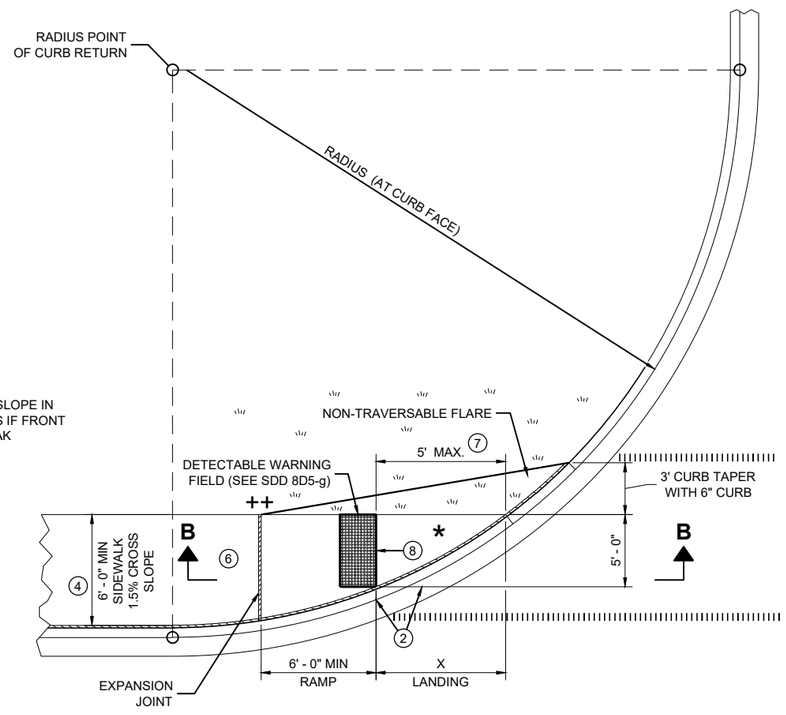
SECTION C - C FOR TYPE 4A



SECTION B - B FOR TYPE 4A AND TYPE 4A1

** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

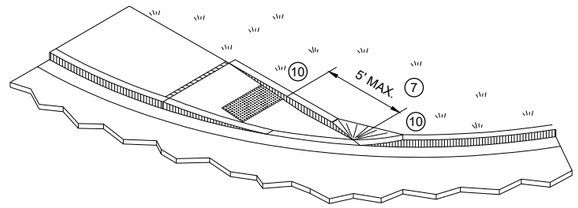
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK



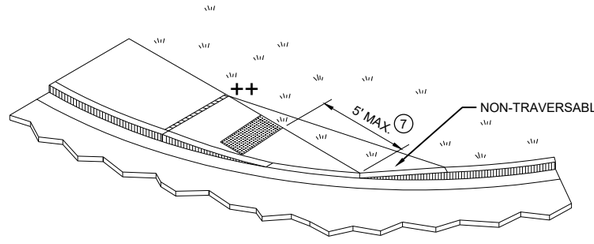
PLAN VIEW

CURB RAMP TYPE 4A1

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

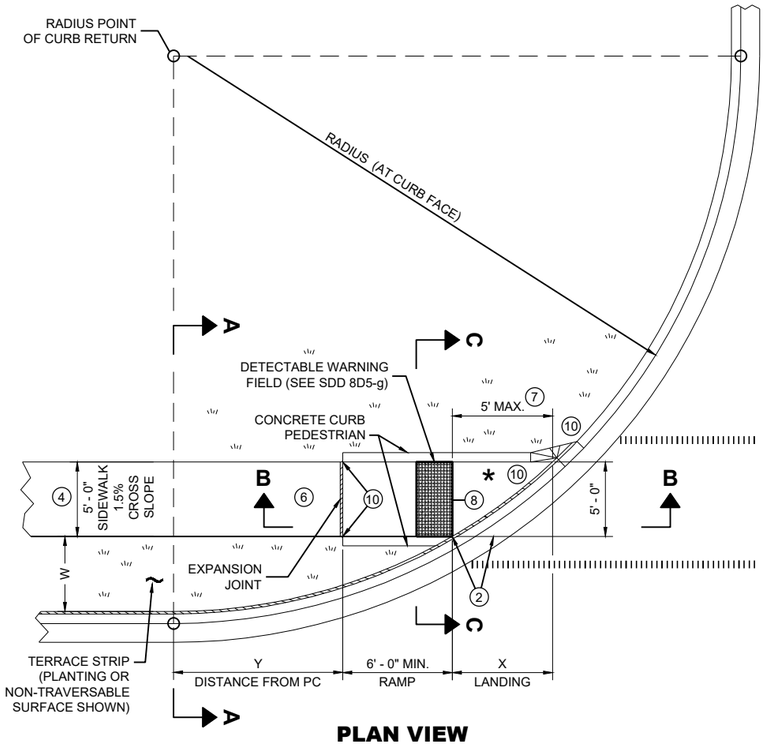
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



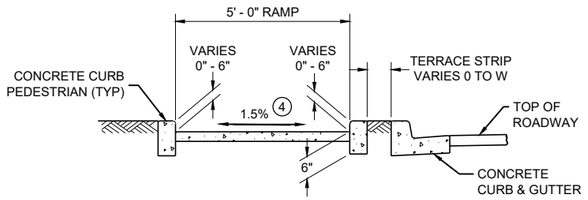
PLAN VIEW
CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 1/4"	0' - 5"	2' - 1"	1' - 4 1/2"	1' - 5"	2' - 1"	0' - 10"	2' - 7 1/2"	0' - 3 1/4"	3' - 0 1/4"						
15 FEET	4' - 6 3/4"	2' - 1 3/4"	3' - 9"	3' - 5 3/4"	3' - 1 1/4"	4' - 6"	2' - 6 3/4"	5' - 4 1/2"	2' - 1"	6' - 1"	1' - 8"	6' - 8 1/2"	1' - 3 1/4"	7' - 2 1/2"	0' - 10 3/4"	7' - 7 1/4"
20 FEET			4' - 11 1/2"	5' - 1 3/4"	4' - 3 1/4"	6' - 5 1/2"	3' - 8 3/4"	7' - 7"	3' - 3"	8' - 6 1/2"	2' - 10"	9' - 4 1/2"	2' - 5 1/2"	10' - 1 1/4"	2' - 1 1/4"	10' - 9"
30 FEET									4' - 10 3/4"	12' - 5 3/4"	4' - 5 1/2"	13' - 7 3/4"	4' - 0 3/4"	14' - 8 1/2"	3' - 8 1/2"	15' - 8 1/4"
40 FEET															4' - 10 3/4"	19' - 8 1/4"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)



SECTION C - C FOR TYPE 4B

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

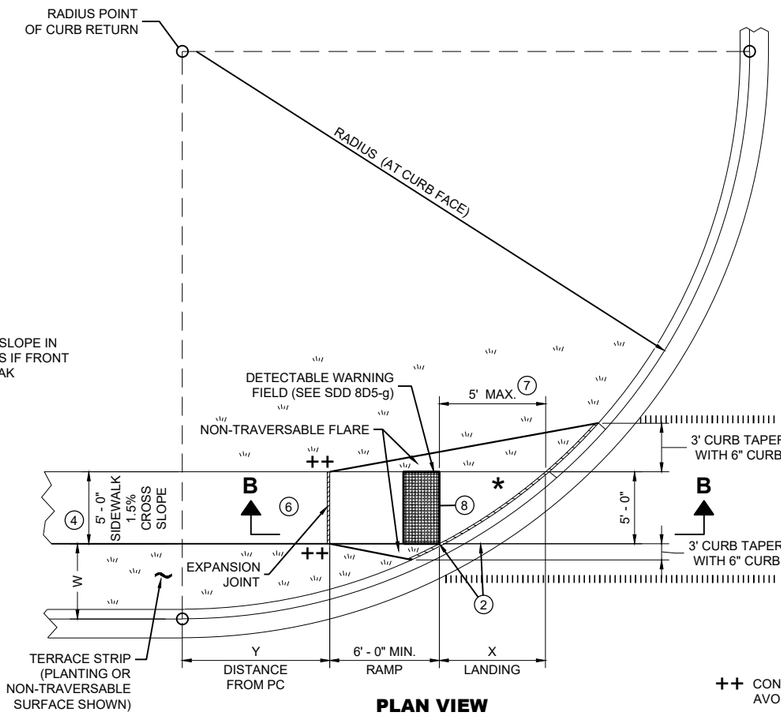
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

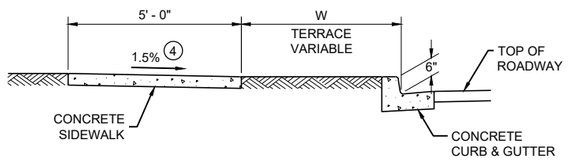
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

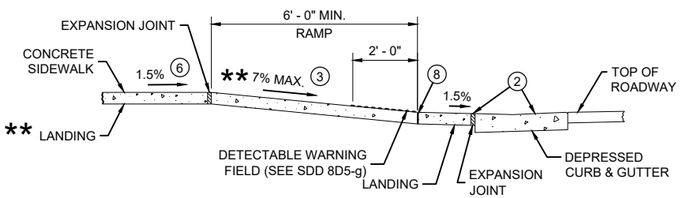
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



PLAN VIEW
CURB RAMP TYPE 4B1



SECTION A - A FOR TYPE 4B

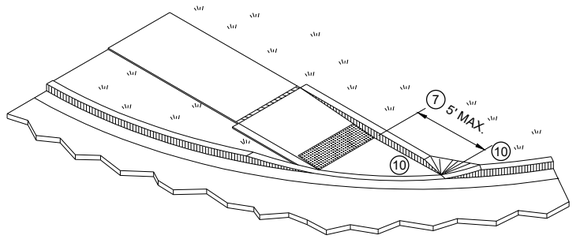


SECTION B - B FOR TYPE 4B AND TYPE 4B1

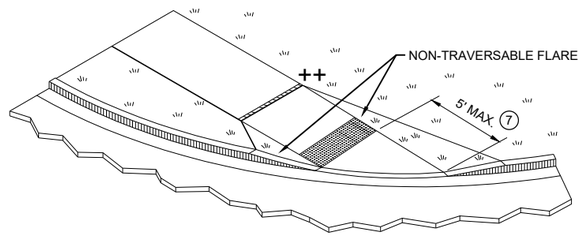
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



ISOMETRIC VIEW FOR TYPE 4B

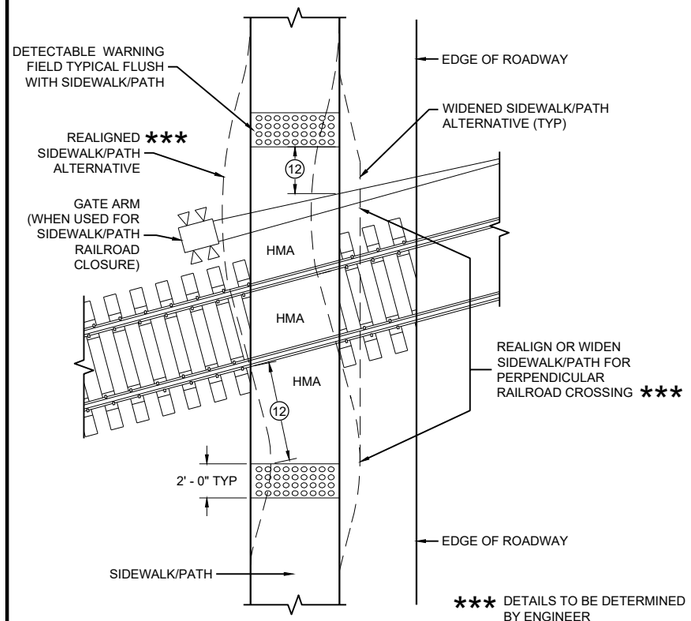


ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS
TYPE 4B AND 4B1

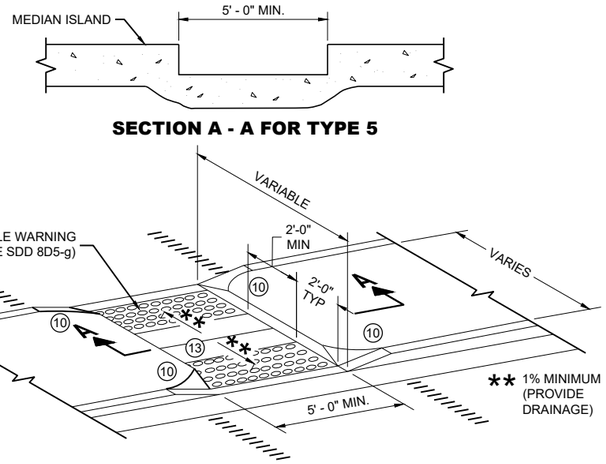
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D05-21d



CURB RAMP TYPE 8

DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS



SECTION A - A FOR TYPE 5

CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

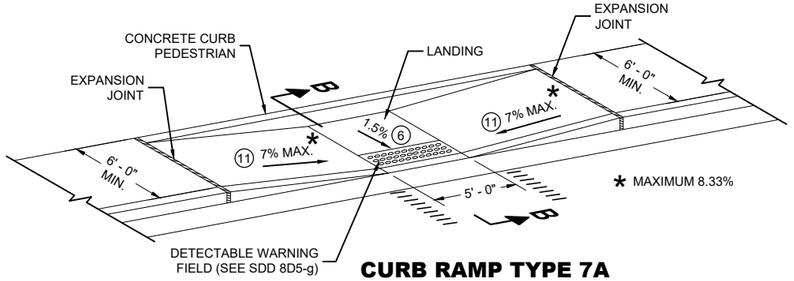
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK/PATH. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD TRACK IS 15 FEET MAXIMUM AND 12 FEET MINIMUM, 15 FEET TYPICAL FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

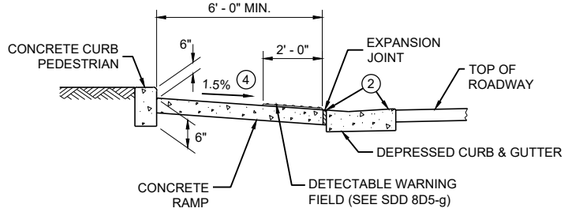
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

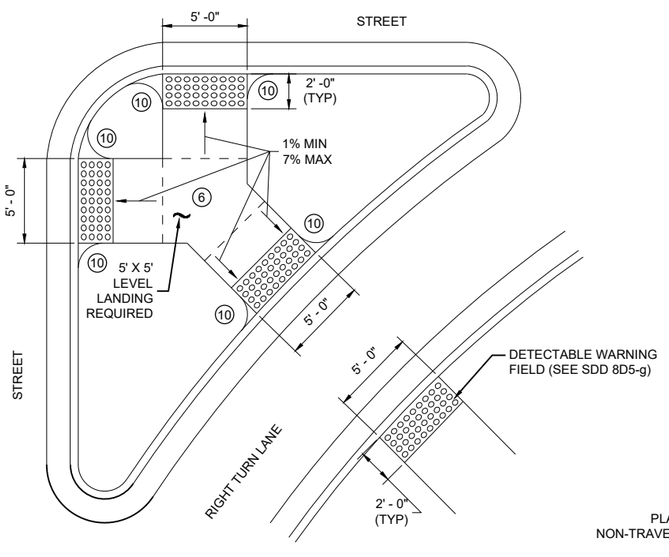


CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS



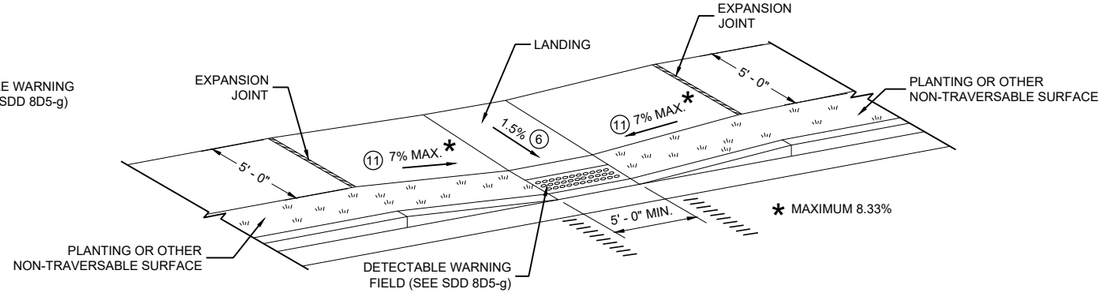
SECTION B - B FOR TYPE 7A



CURB RAMP TYPE 6

DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



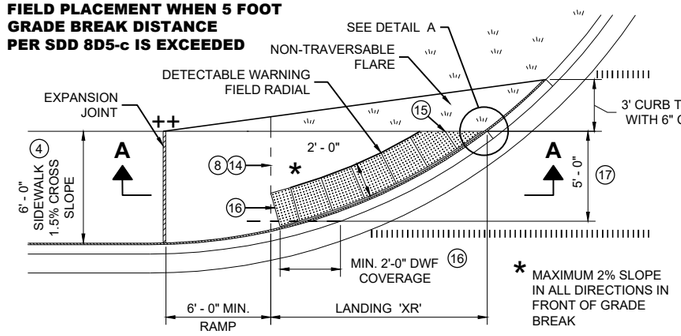
CURB RAMP TYPE 7B

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

CURB RAMPS TYPE 5, 6, 7A, 7B & 8

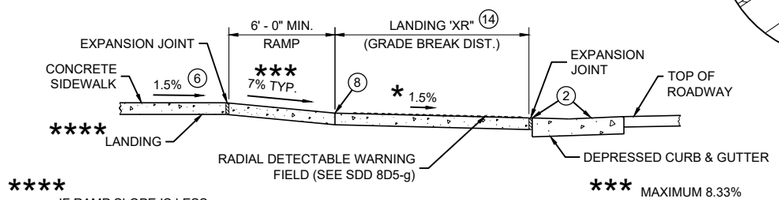
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



PLAN VIEW

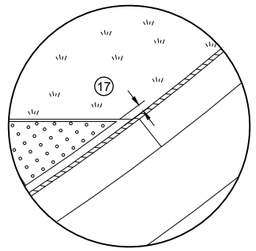
CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION A - A FOR TYPE 4A1



DETAIL A

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

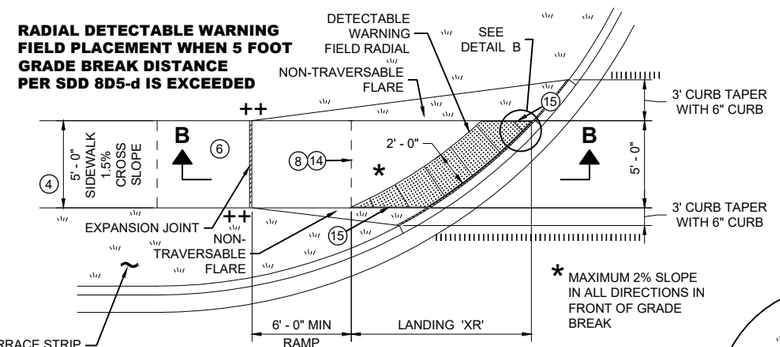
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

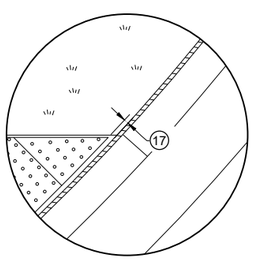
(17) A MAXIMUM 3 INCH CONCRETE BORDER WIDTH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED

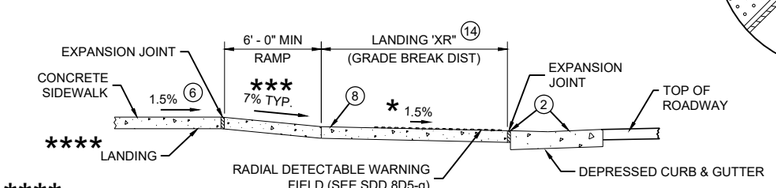


PLAN VIEW

CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL B

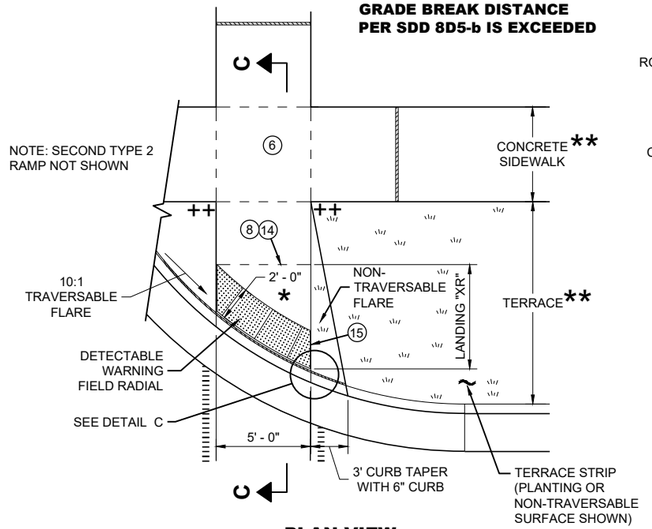


**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

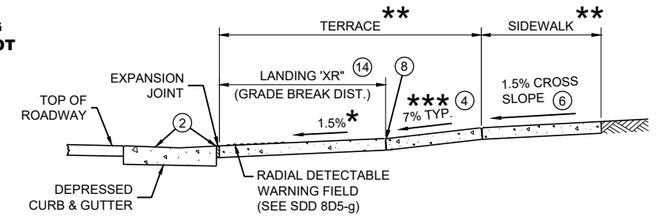
SECTION B - B FOR TYPE 4B1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

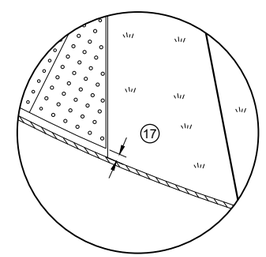


PLAN VIEW

CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2



DETAIL C

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

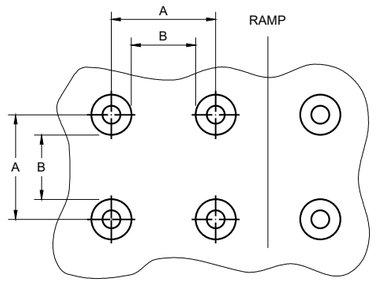
CURB RAMPS
RADIAL DETECTABLE WARNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

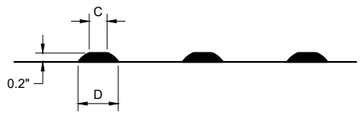
SDD 08D05-21f

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

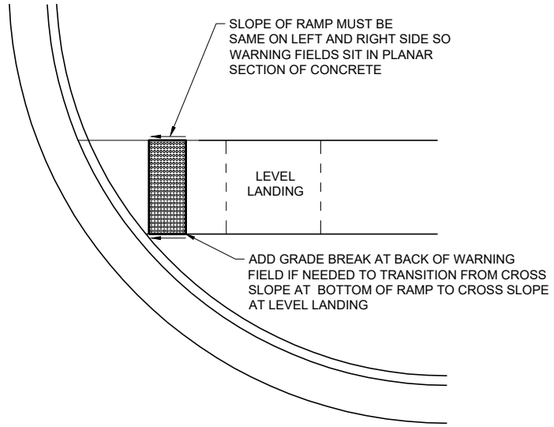
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW



DETECTABLE WARNING FIELD
PLANAR INSTALLATION

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

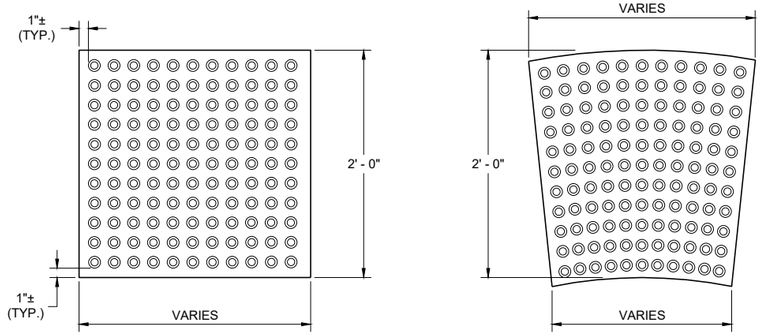
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

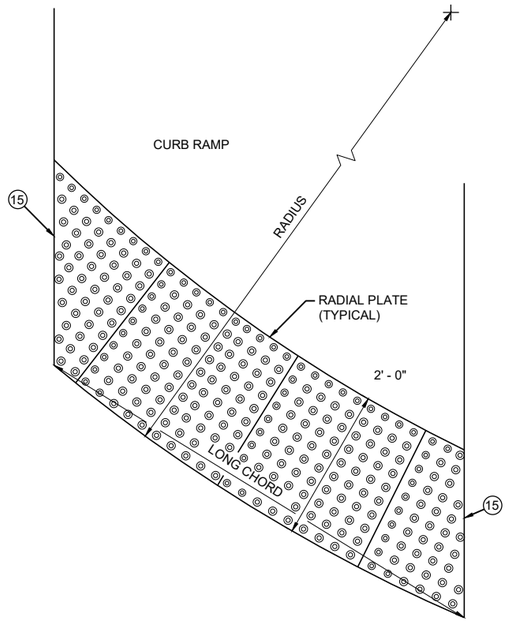
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



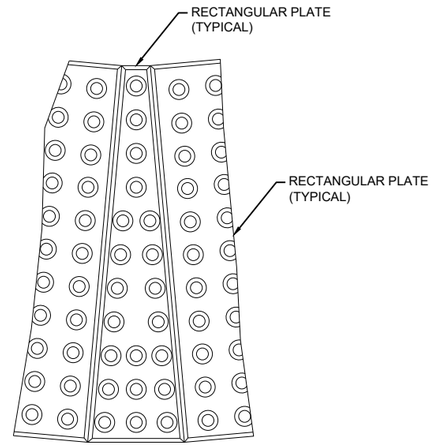
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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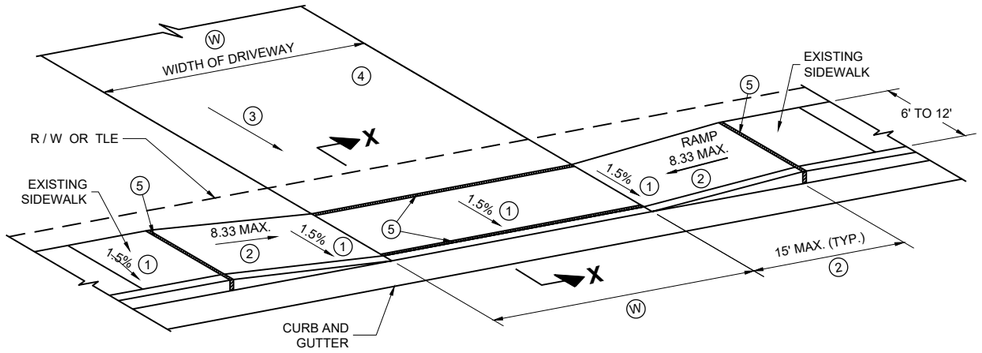
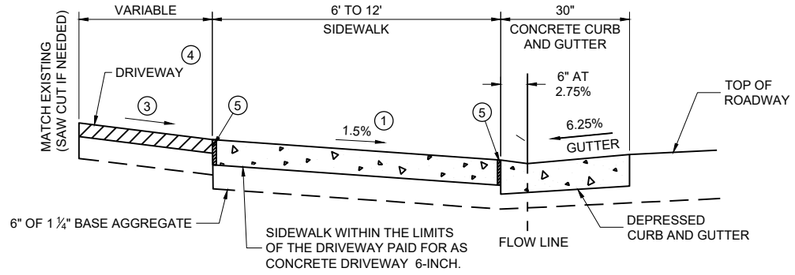
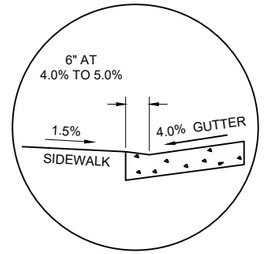
SDD 08D05-21g



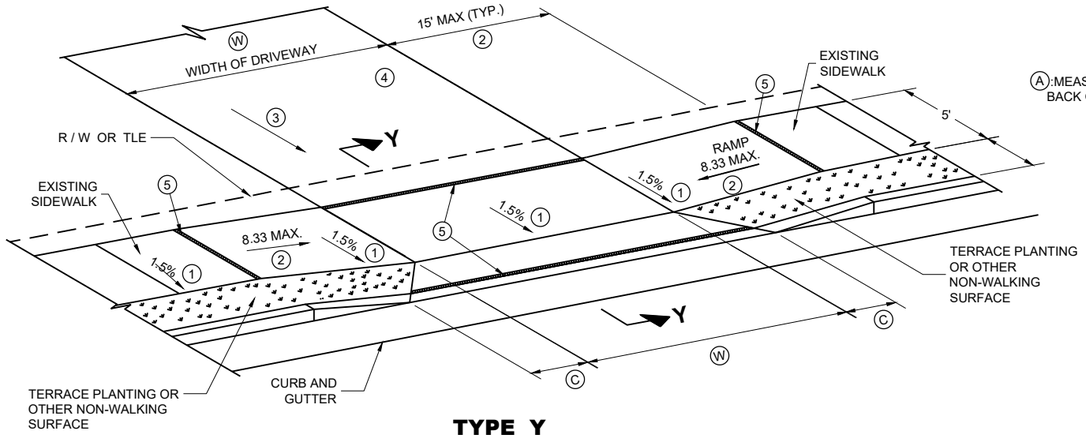
TYPE X
SIDEWALK ABUTS CURB AND GUTTER
TERRACE VARIES 0 TO 3 FEET



SECTION X - X



SECTION X - X
4% GUTTER SLOPE



TYPE Y
SIDEWALK WITH NARROWER TERRACE
TERRACE VARIES 4 TO 6 FEET

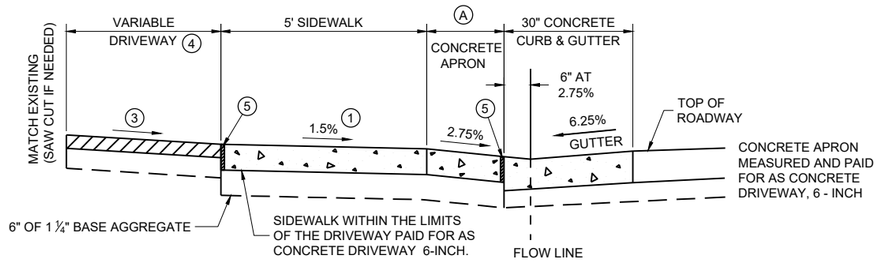
Ⓐ:MEASURE FROM BACK OF CURB

Ⓦ: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)

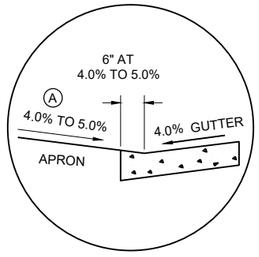
TABLE Y

Ⓐ FEET	Ⓒ FEET
3.5'	2.0'
4.5'	3.0'
5.5'	3.5'



NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS

SECTION Y - Y



SECTION Y - Y
4% GUTTER SLOPE

DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER
(URBAN AND SUBURBAN)

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

Ⓦ IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

① CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

② THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

③ DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

④ DRIVEWAY TYPES
- 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

⑤ ½" EXPANSION JOINT FILLER

DRIVEWAY AND SIDEWALK RAMPS TYPES X AND Y

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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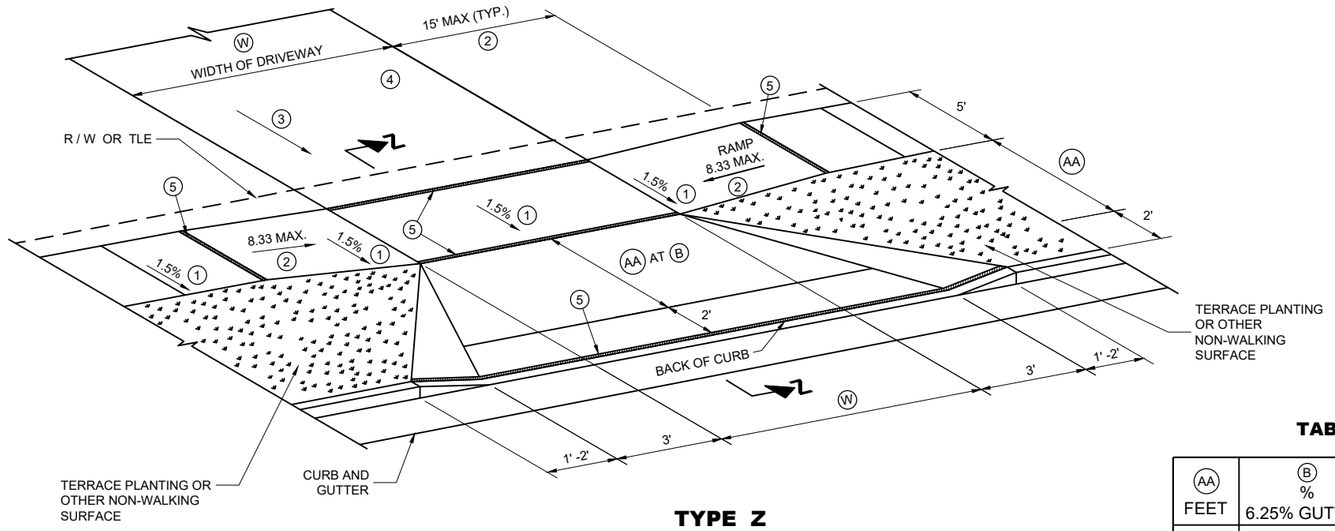


TYPE Z

SIDEWALK WITH WIDER TERRACE
TERRACE VARIES 7 TO 12 FEET

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

(W) IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

(1) CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.

(3) DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

(4) DRIVEWAY TYPES
- 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

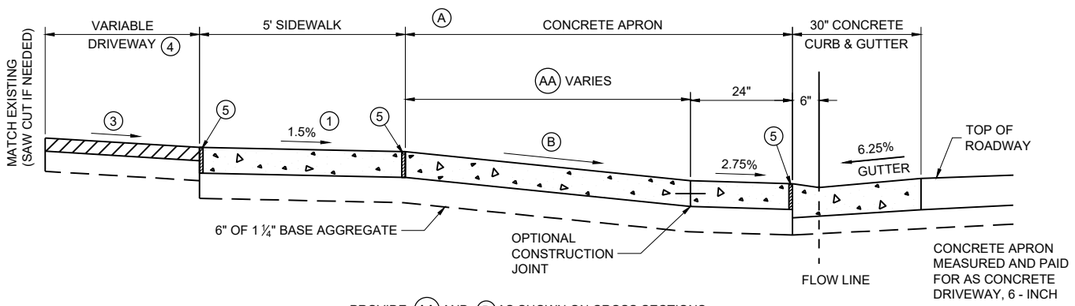
(5) ½" EXPANSION JOINT FILLER.

TABLE Z

(AA) FEET	(B) % 6.25% GUTTER	(B) % 4% GUTTER
4.5'	11.5%	9% TO 11.5%
5.5'	9% TO 11.5%	8% TO 11.5%
6.5'	8% TO 11.5%	6% TO 11.5%
7.5'	7% TO 11.5%	6% TO 11.5%
8.5'	6% TO 11.5%	5% TO 11.5%
9.5'	5% TO 11.5%	4% TO 11.5%

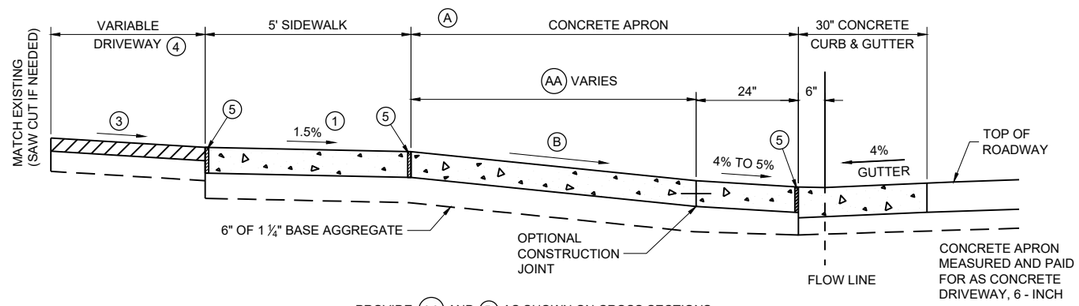
(W): 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

6.25% GUTTER SLOPE



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

4% GUTTER SLOPE

NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS FOR (B) VALUES NOT SHOWN IN TABLE Z.

SIDEWALK WITHIN THE LIMITS OF THE DRIVEWAY PAID FOR AS CONCRETE DRIVEWAY 6-INCH.

SECTION Z - Z

DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER

(URBAN AND SUBURBAN)

DRIVEWAY AND SIDEWALK RAMPS TYPE Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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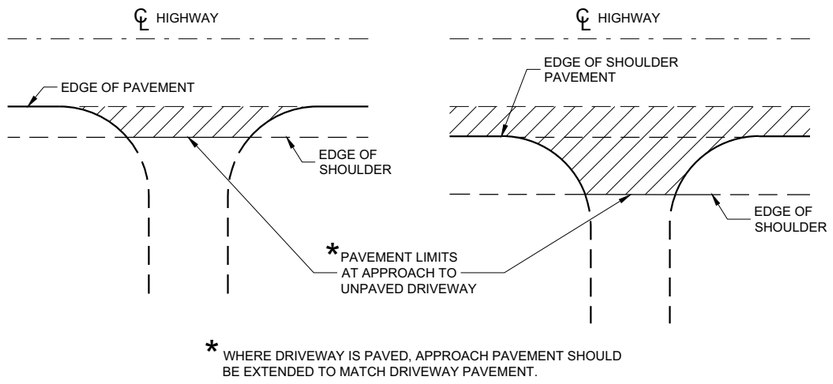
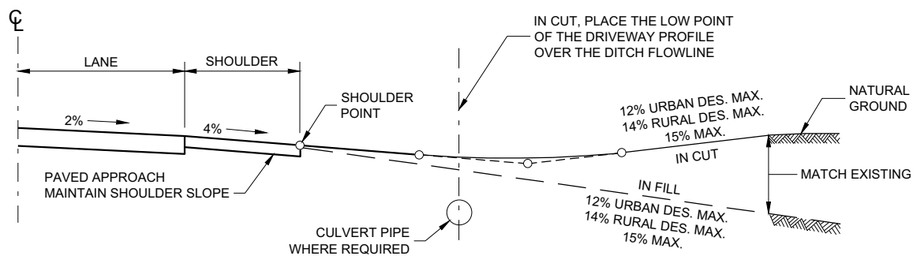


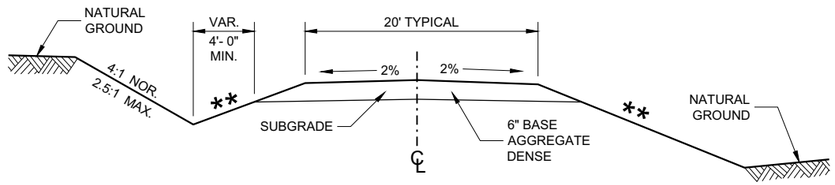
PLAN VIEW
(UNPAVED SHOULDER ON HIGHWAY)

PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

RURAL DRIVEWAY INTERSECTION DETAIL
(NO CURB AND GUTTER OR SIDEWALK)



TYPICAL DRIVEWAY PROFILES

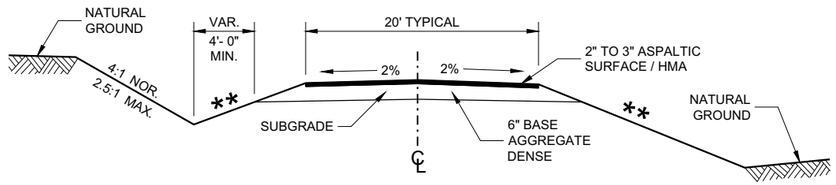


IN CUT IN FILL

** SLOPE CAN VARY WITH SPEED. SEE 11-45-30.6.2

POSTED SPEED MPH	MAX. SLOPE
<35	4:1
≥ 35 TO < 60	6:1
≥60	10:1

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE AGGREGATE SURFACE



IN CUT IN FILL

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE ASPHALTIC SURFACE

6

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SDD 08D21 - 01

SDD 08D21 - 01

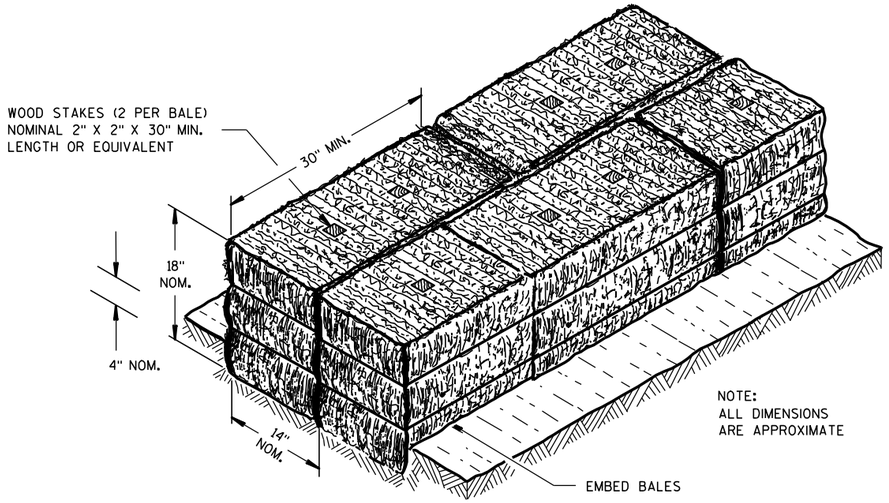
DRIVEWAYS WITHOUT CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

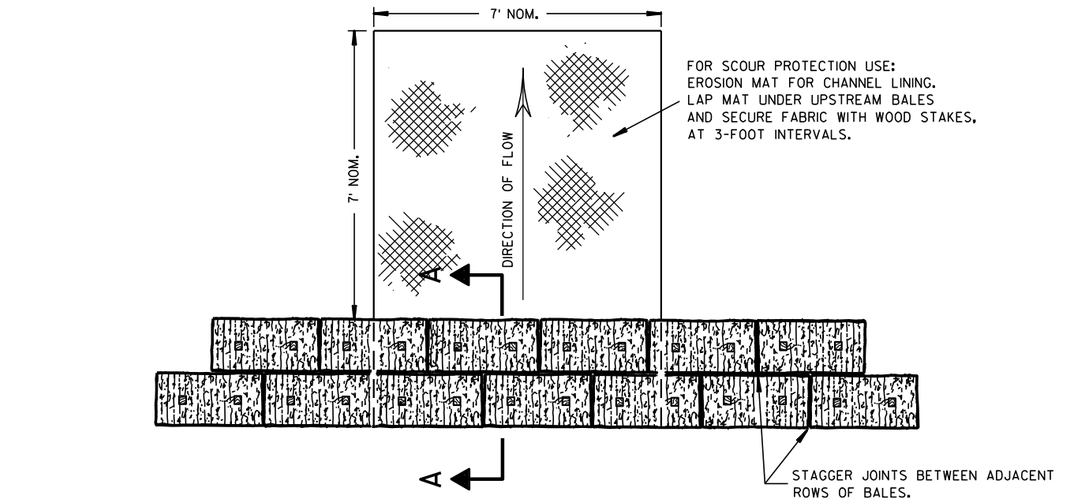
APPROVED
December 2017
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

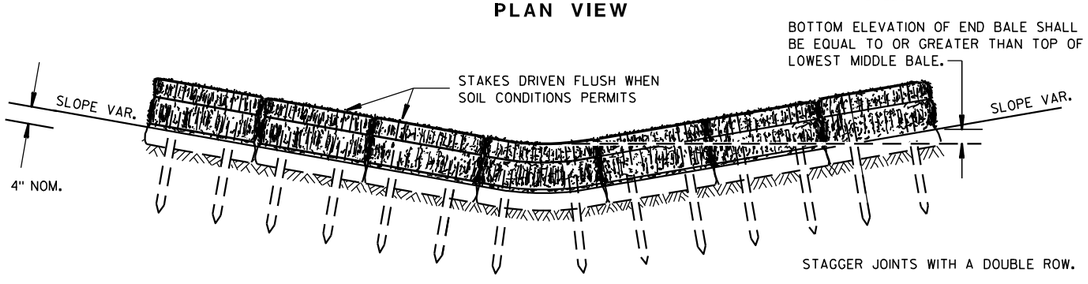
FHWA



SECTION A-A



PLAN VIEW



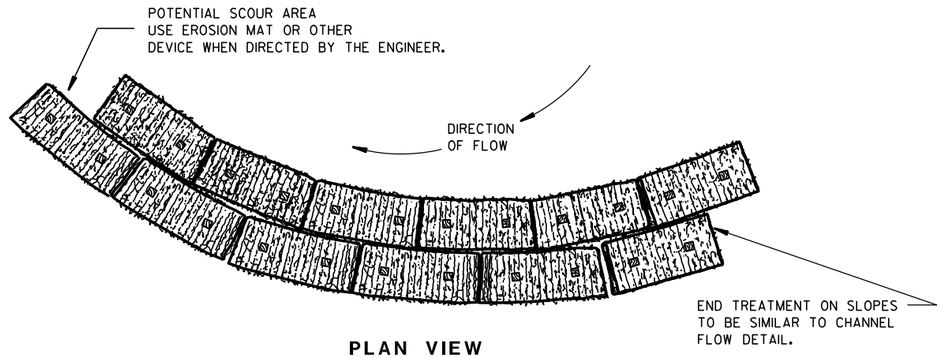
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

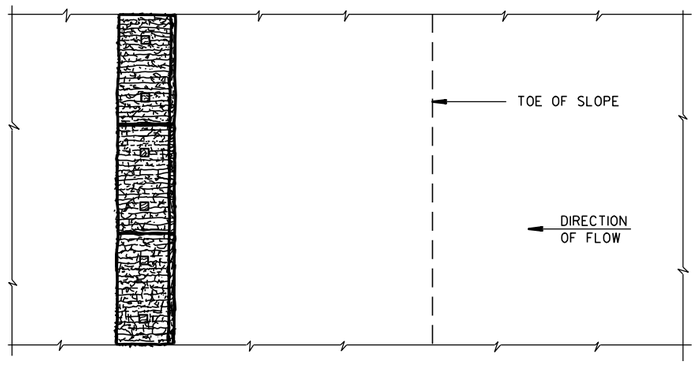
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

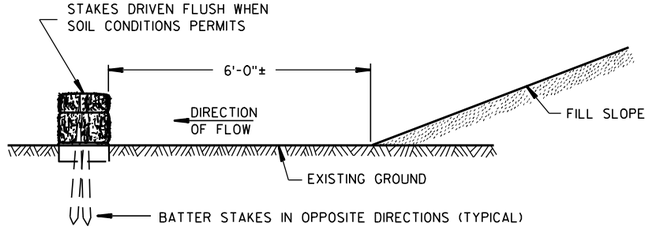


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/04/02 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 E 8-3

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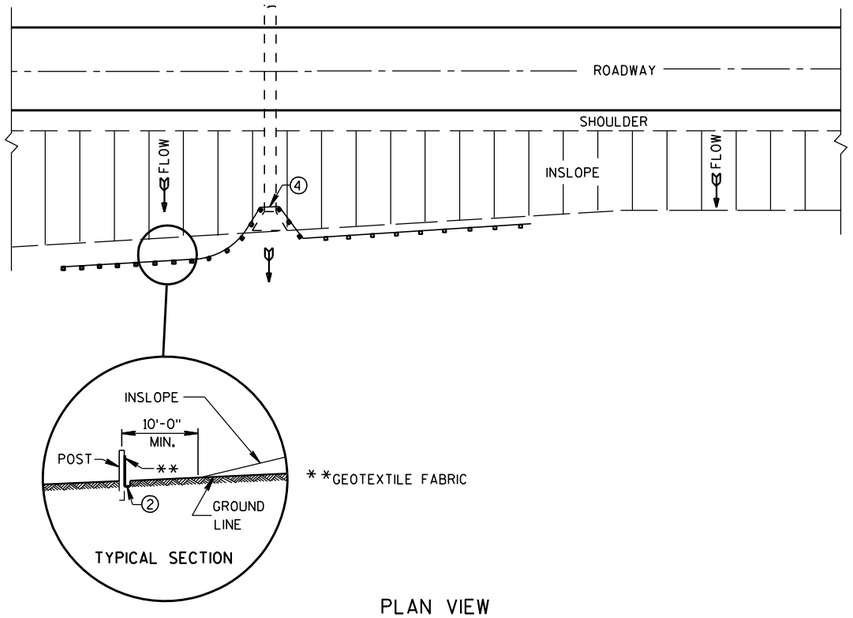
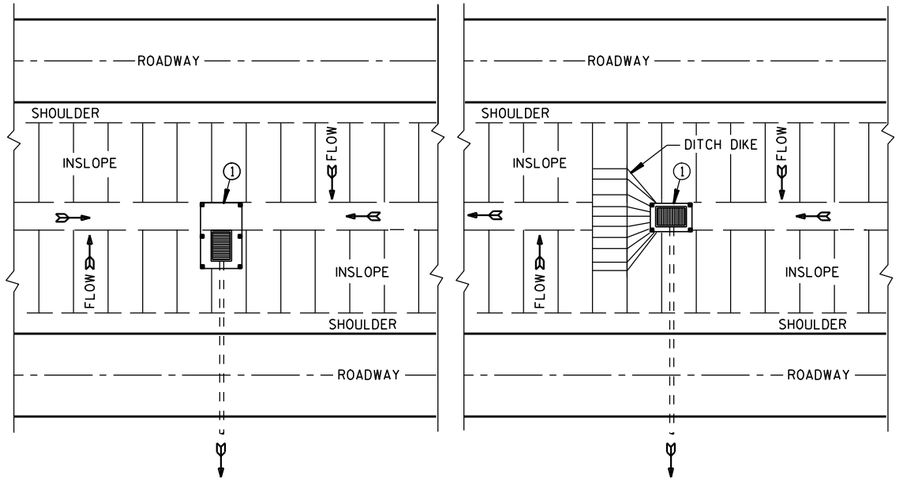
S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



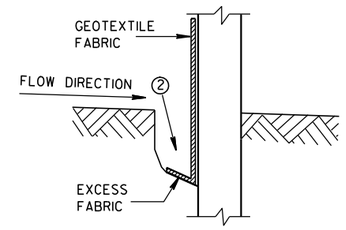
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

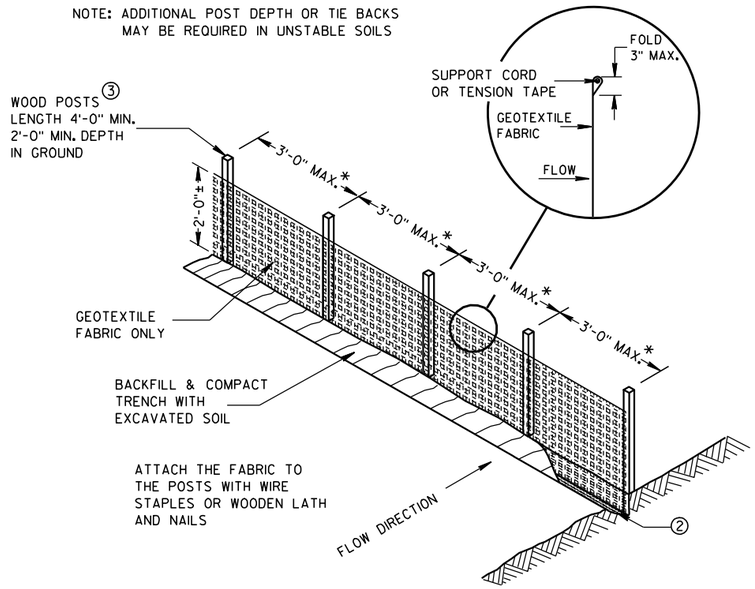
GENERAL NOTES

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

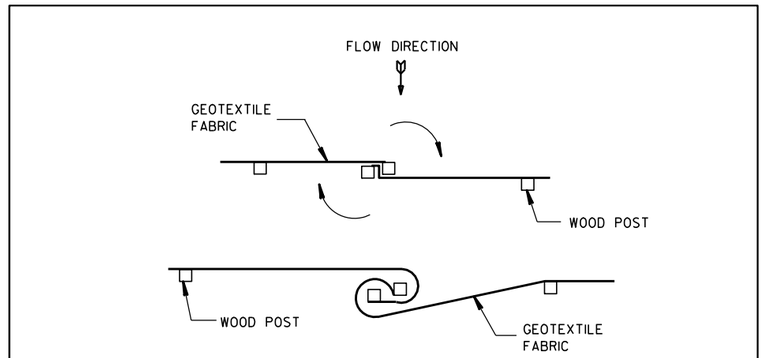
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



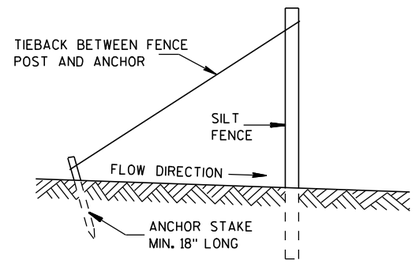
TRENCH DETAIL



SILT FENCE



JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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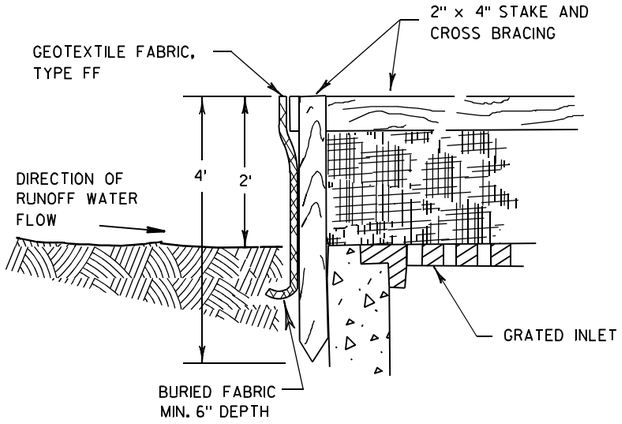
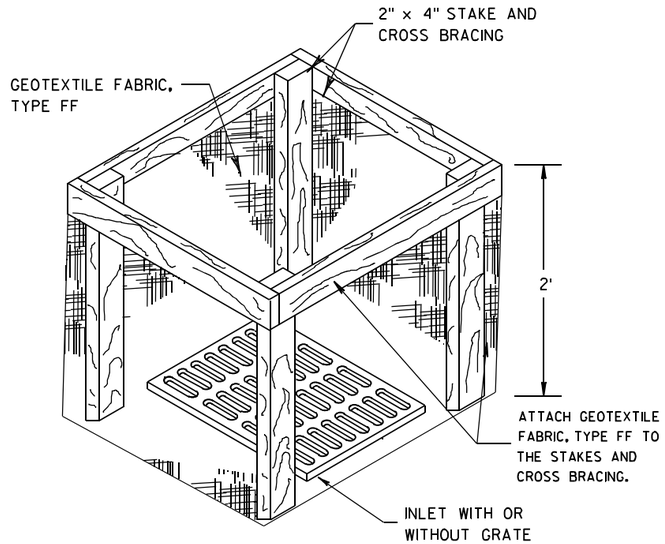
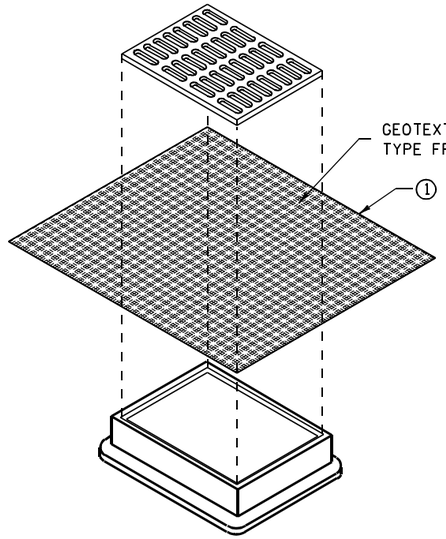
6

S.D.D. 8 E 9-6



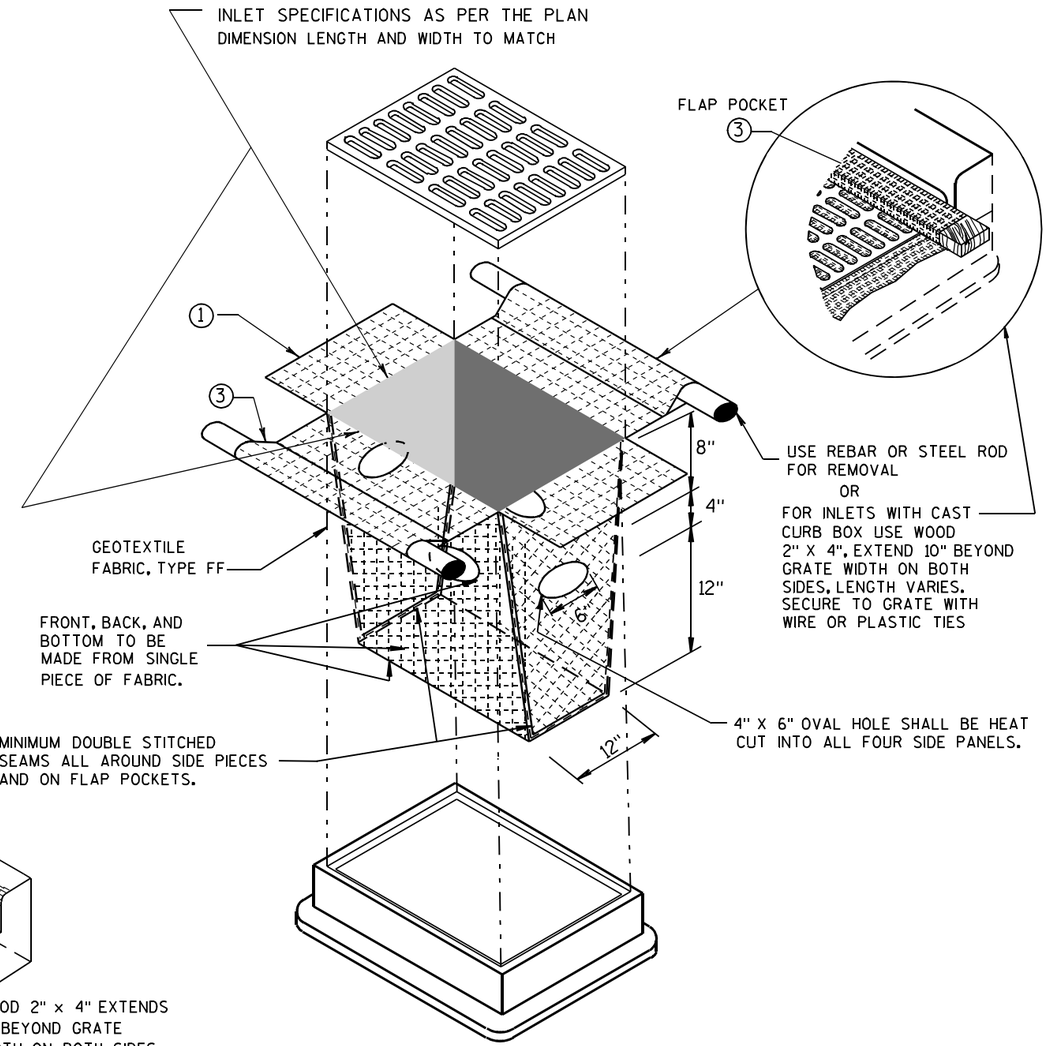


INLET PROTECTION, TYPE A



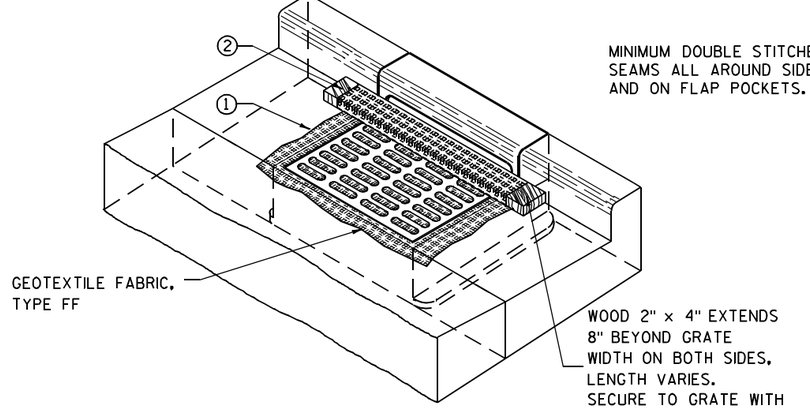
INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)



INLET PROTECTION, TYPE C (WITH CURB BOX)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

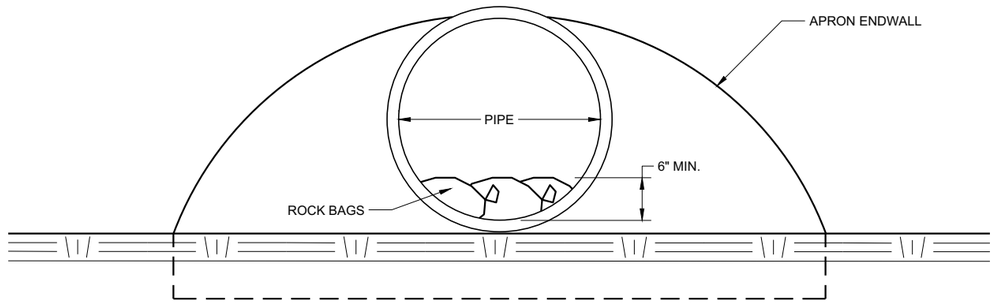
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

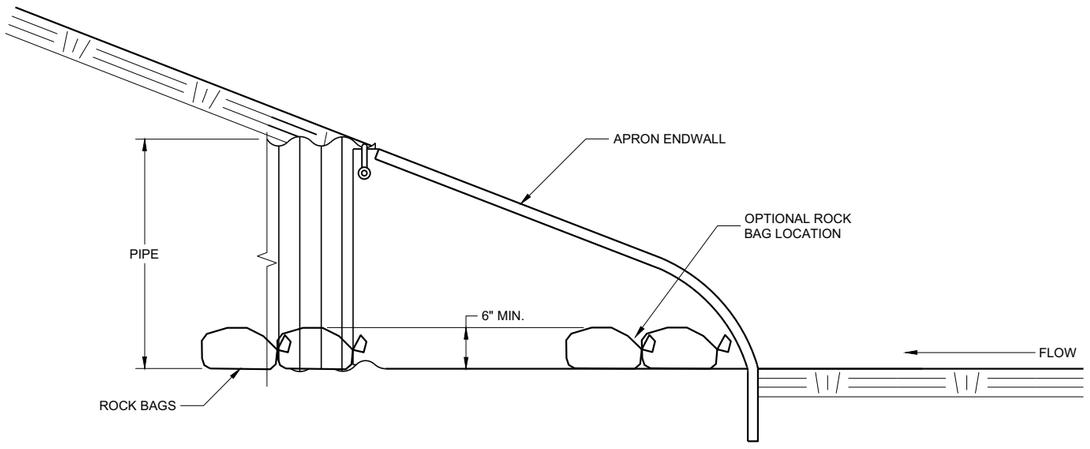
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 10-2



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2019 DATE	/S/ Daniel Schave EROSION CONTROL ENGI
FHWA	

6
SDD 08E15 - 01

METAL APRON ENDWALLS

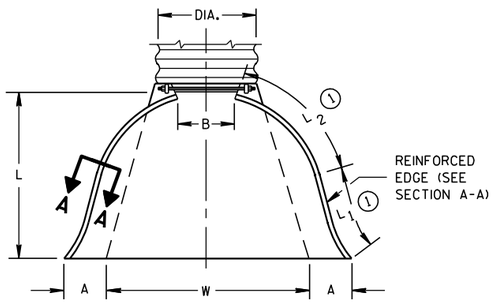
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

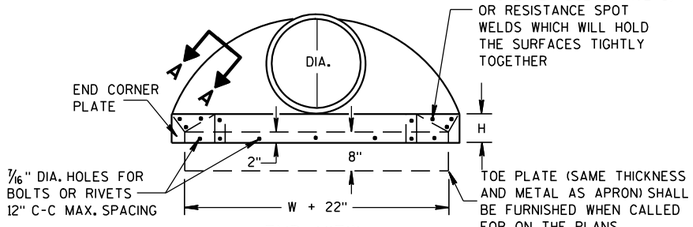
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

*MINIMUM
**MAXIMUM



PLAN VIEW



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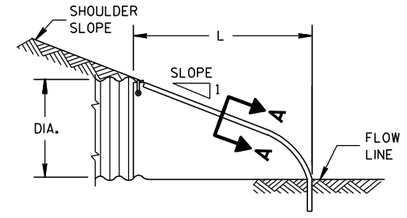
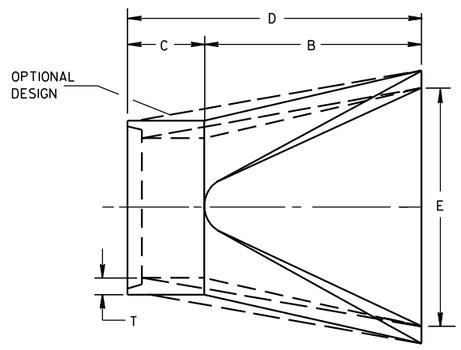
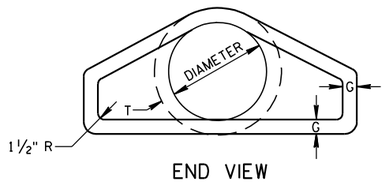


SIDE ELEVATION

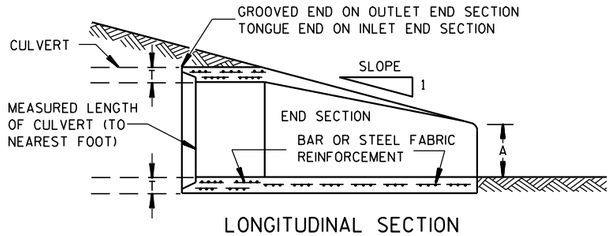
METAL ENDWALLS



PLAN

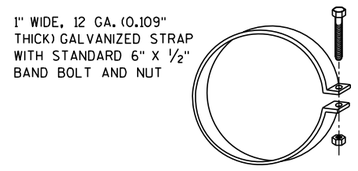


END VIEW



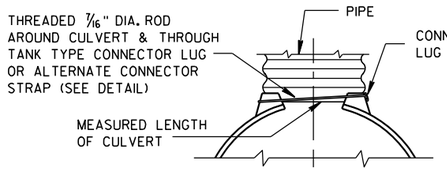
LONGITUDINAL SECTION

CONCRETE ENDWALLS

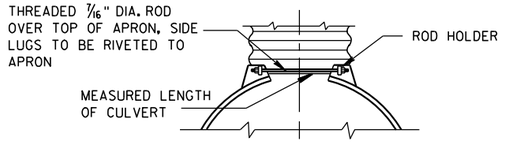


ALTERNATE FOR TYPE 1 CONNECTION

END SECTION CONNECTOR STRAP

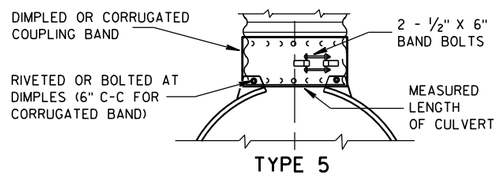


TYPE 1
FOR 12" THRU 24" CORR. PIPE



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

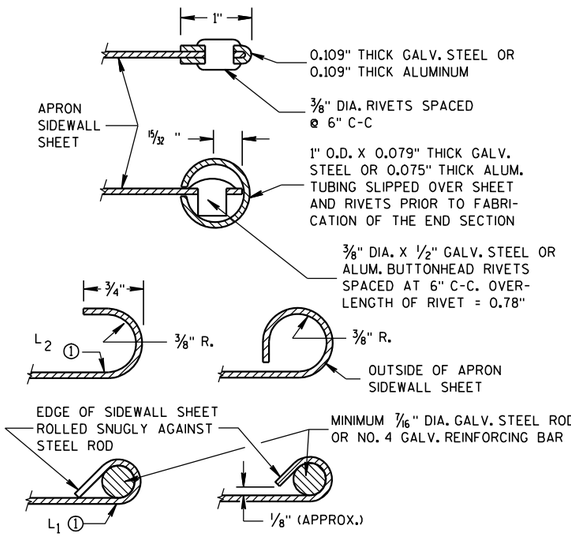
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

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.

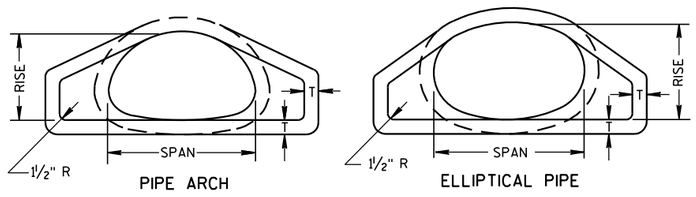
WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

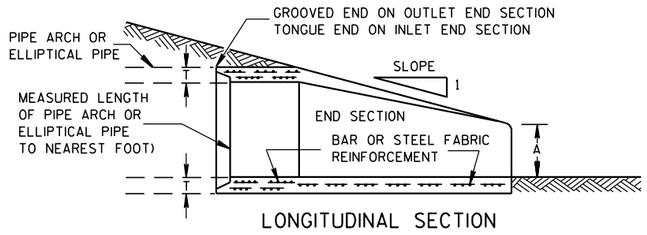
APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

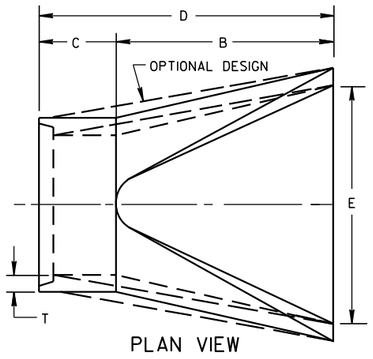
APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOP 203 NEER
FHWA



END VIEW

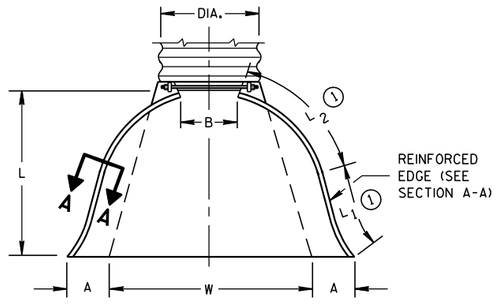


LONGITUDINAL SECTION

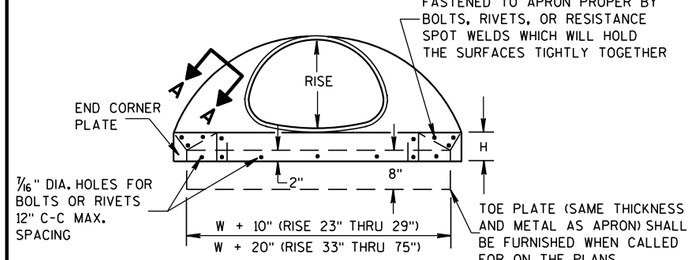


PLAN VIEW

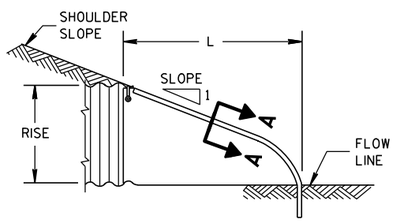
CONCRETE ENDWALLS



PLAN VIEW

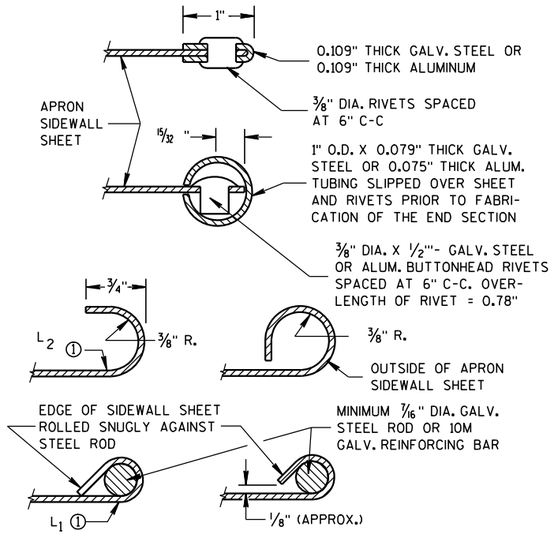


END VIEW



SIDE ELEVATION

METAL ENDWALLS



SECTION A-A

2- 2/3" X 1/2" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
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) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
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

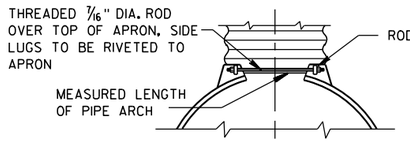
REINFORCED CONCRETE PIPE ARCH

EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
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

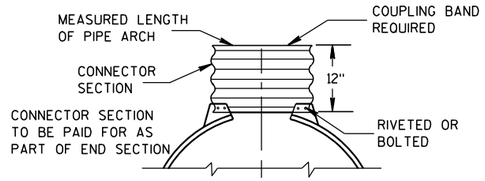
EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	30	19	3¼	8½	39	33	72	48	3 to 1
30	38	24	3¾	9½	54	18	72	60	3 to 1
36	45	29	4½	11⅛	60	24	84	72	2½ to 1
42	53	34	5	15¾	60	36	96	78	2½ to 1
48	60	38	5½	21	60	36	96	84	2½ to 1
54	68	43	6	25½	60	36	96	90	2½ to 1
60	76	48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

**NOMINAL SIZE



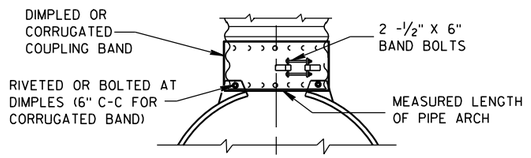
TYPE 2

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

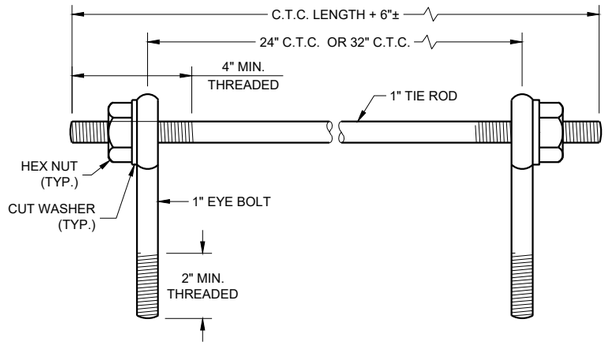
11/30/94 — DATE

/S/ Rory L. Rhinesmith — CHIEF ROADWAY DEVELOPMENT ENGINEER

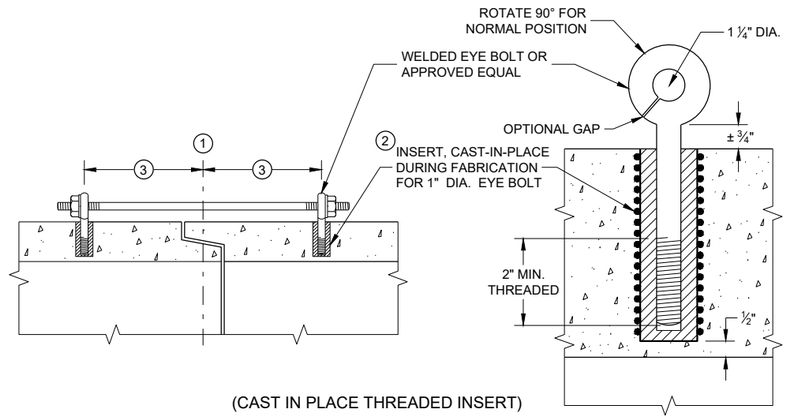
FHWA

6

S.D.D. 8 F 2-1



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

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

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

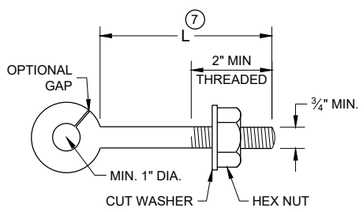
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

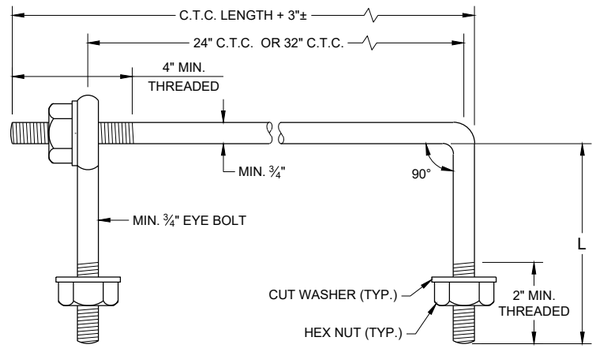
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

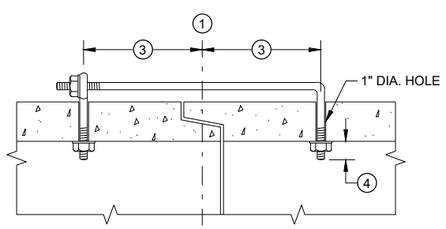


EYE BOLT (7)

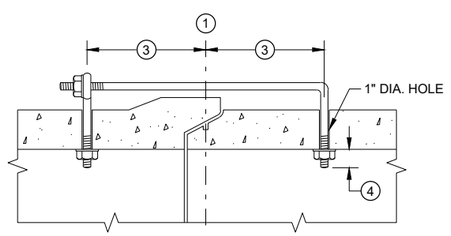
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

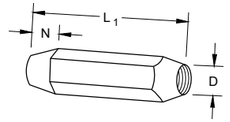
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



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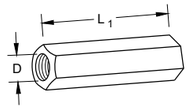
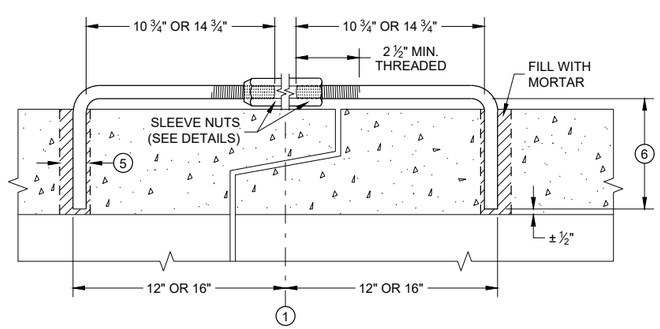


PLAIN

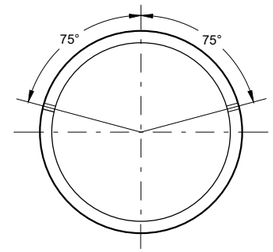
RIGHT AND LEFT THREADS

SLEEVE NUTS



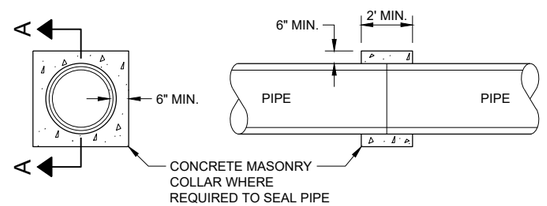
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

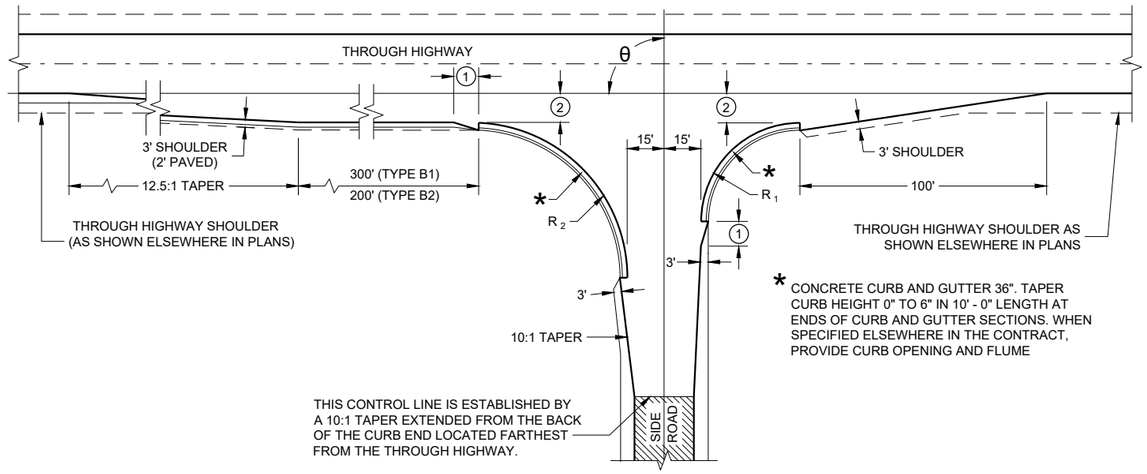
JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER
FHWA

SDD 08F04 - 08

SDD 08F04 - 08



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

TYPE "B1" AND "B2"

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

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.

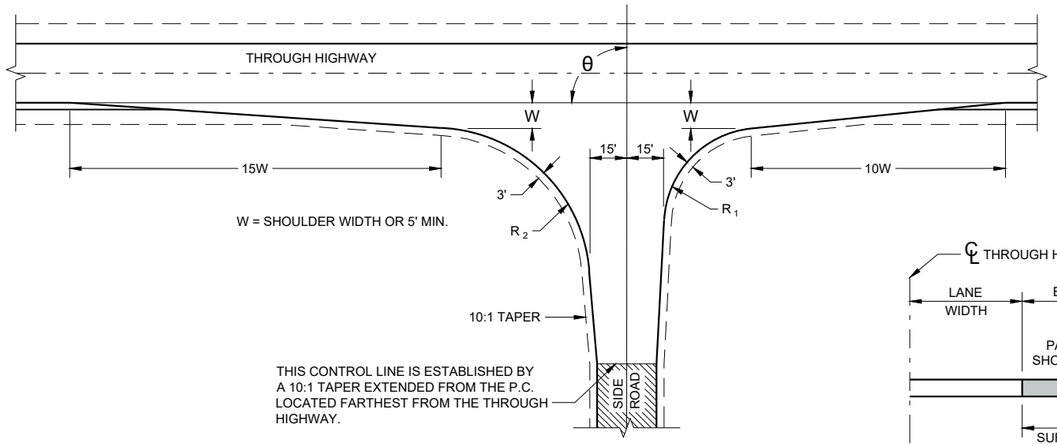
(1) 10-FT TYPICAL.

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

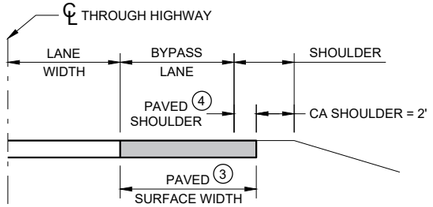
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(3) BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
- ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH
- PC CONCRETE = 13-FT PLUS PAVED SHOULDER WIDTH

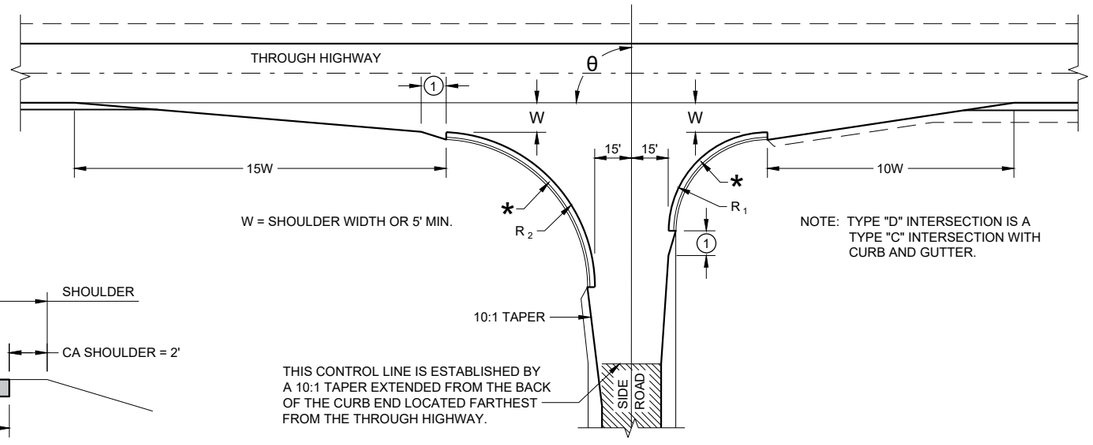
(4) BYPASS LANE PAVED SHOULDER WIDTH = THE GREATER OF 1-FT OR THE PAVED SHOULDER WIDTH OF THE THROUGH HIGHWAY.



TYPE "C"

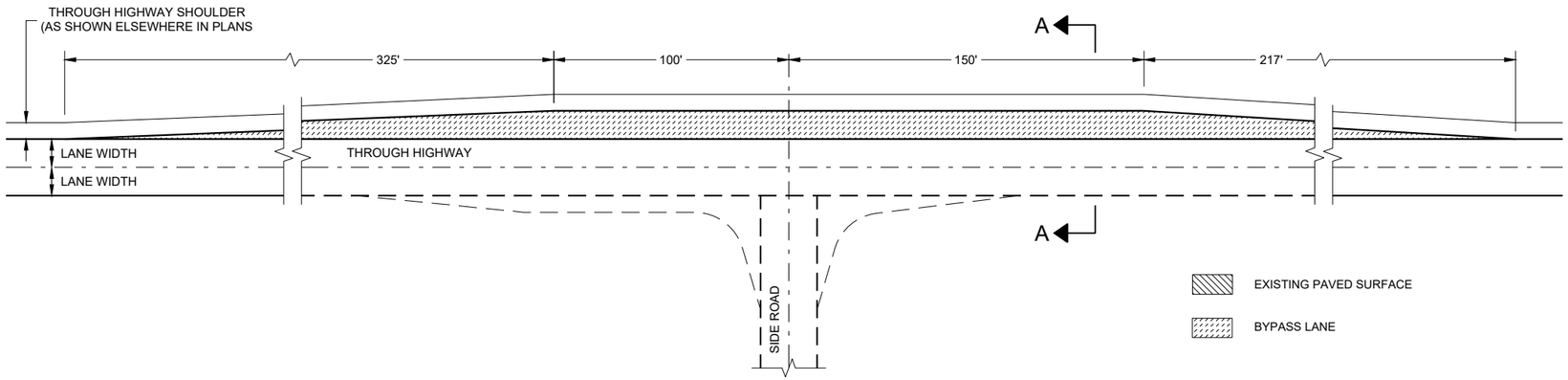


SECTION A - A
(SHOWING BYPASS LANE AND SHOULDER)



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

TYPE "D"



TEE INTERSECTION BYPASS LANE DETAIL

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 09A01 - 14a

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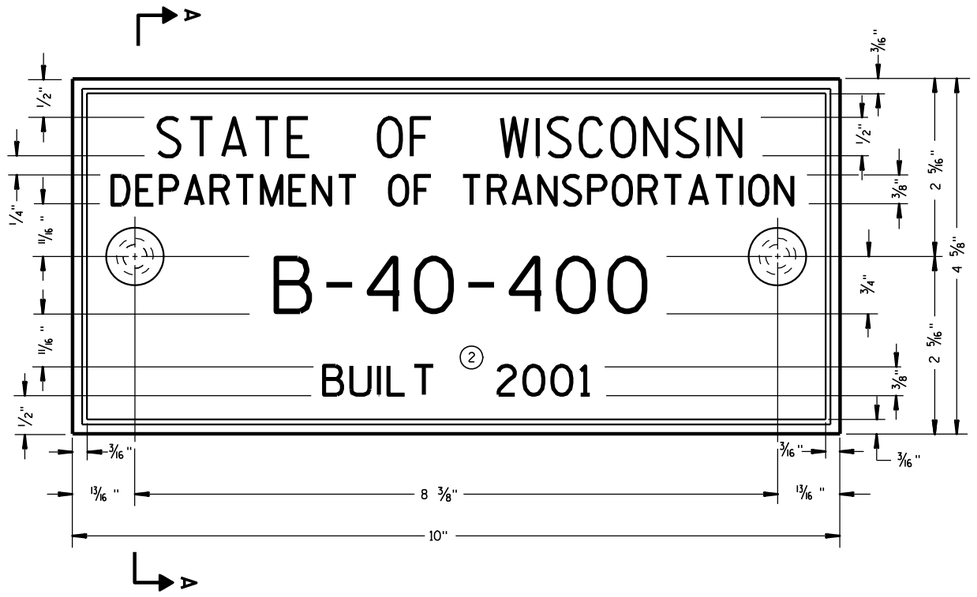
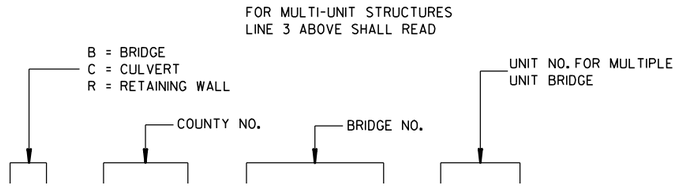
SDD 09A01 - 14a



TYPICAL NAME PLATE

(BRIDGES, CULVERTS, AND RETAINING WALLS)



NUMBERING DESIGNATION
MULTI-UNIT STRUCTURES

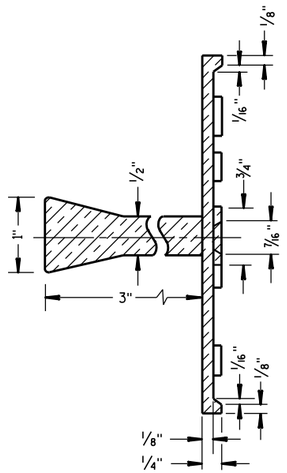
GENERAL NOTES

NAME PLATES TO BE INSTALLED ON BRIDGES, CULVERTS, AND RETAINING WALLS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS.

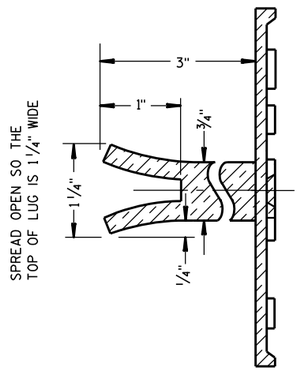
THE BRIDGE NUMBER AND YEAR BUILT SHOWN ON THIS DRAWING ARE EXAMPLES ONLY. SEE CONSTRUCTION PLANS FOR INDIVIDUAL NUMBERING AND YEAR BUILT.

(1) EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

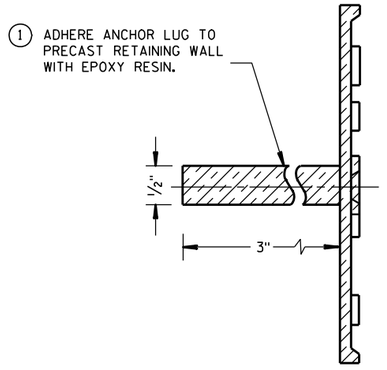
(2) REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE CONSTRUCTION.



SECTION A-A



ALTERNATE LUG



ALTERNATE LUG

(FOR ATTACHMENT TO PRECAST STRUCTURES)

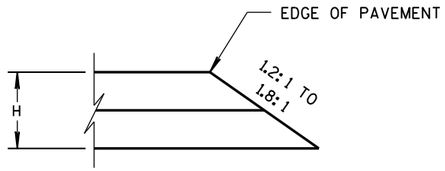
NAME PLATE (STRUCTURES)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
3/26/10 DATE	/S/ Scot Beck -- CHIEF STRUCTURAL DEVELOP ENGINEER
FHWA	

6

S.D.D. 12 A 3-10

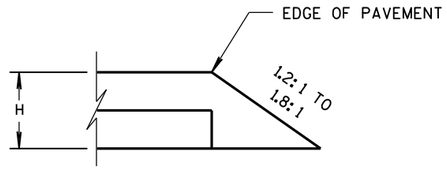
6

S.D.D. 12 A 3-10



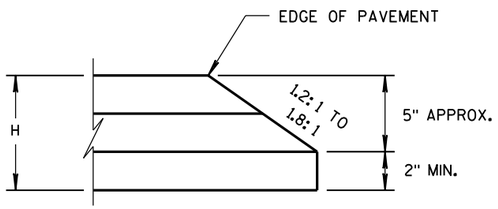
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



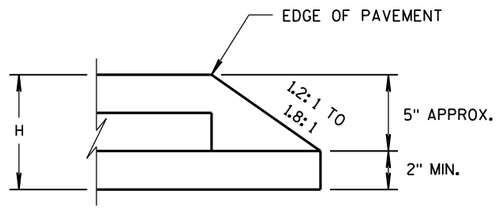
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

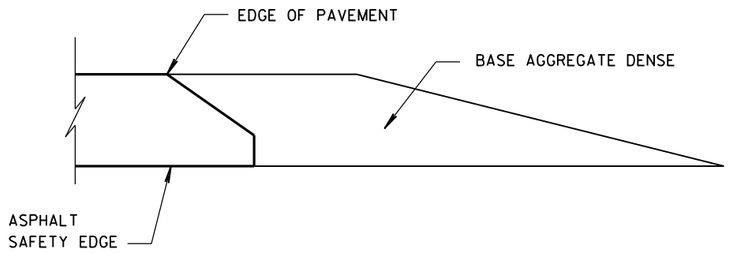
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

6

S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

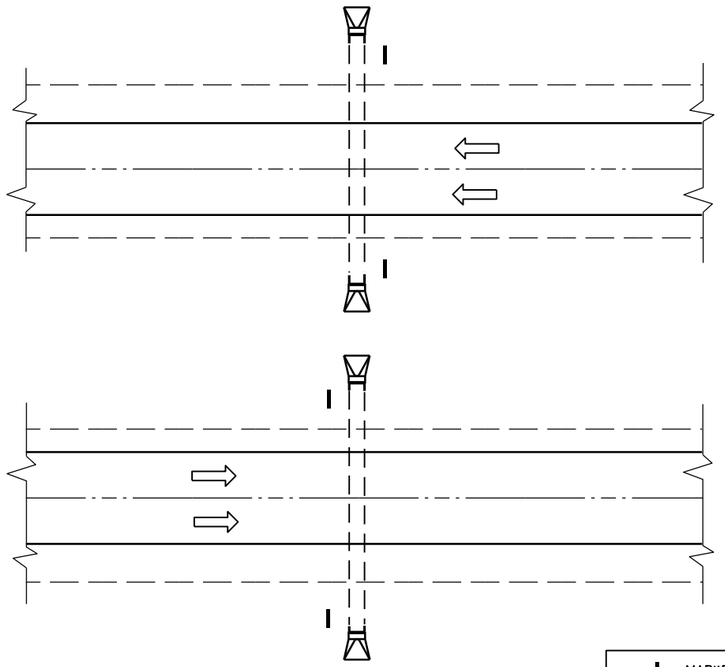
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/2012
DATE

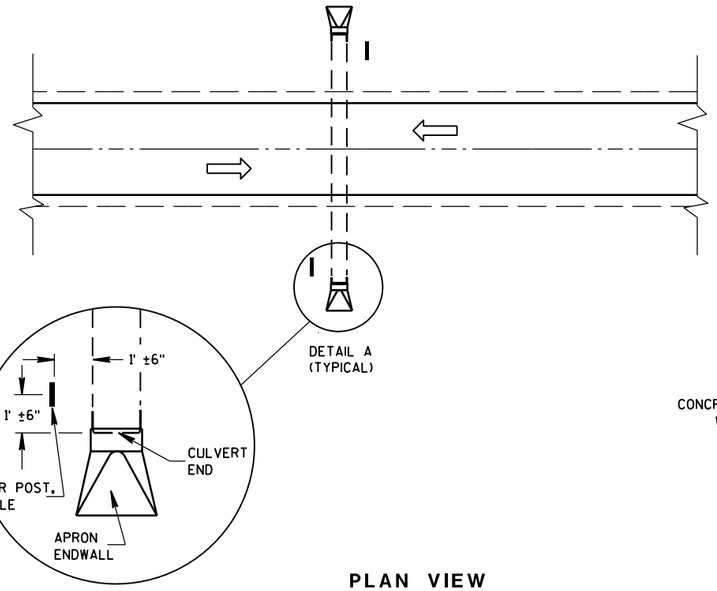
/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

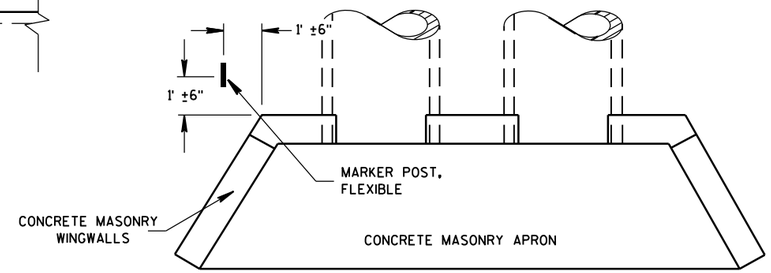
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

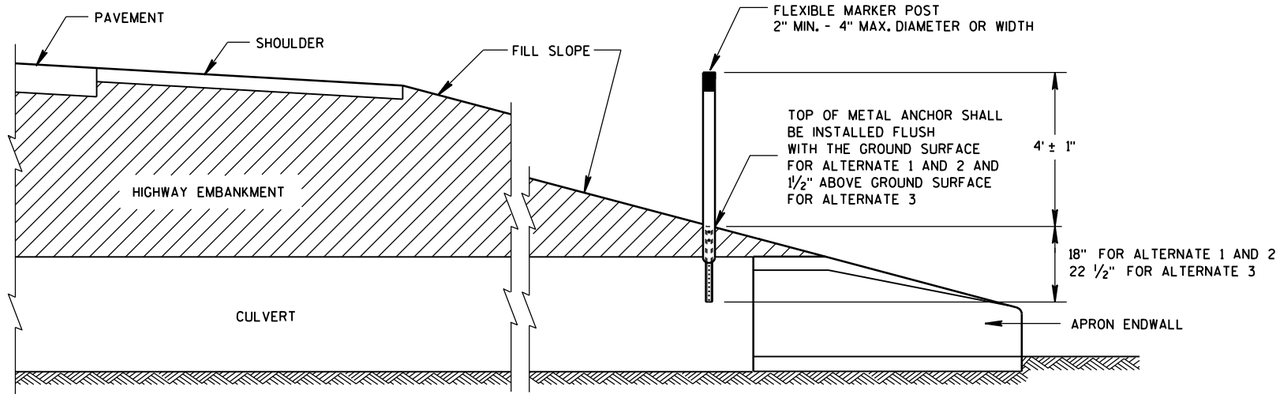
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 15 A 3-2a

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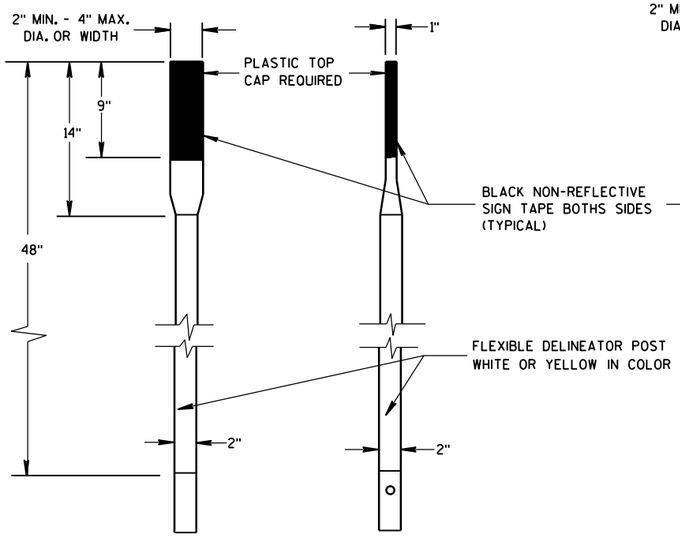
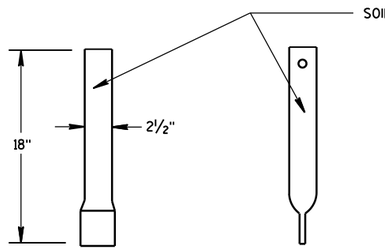
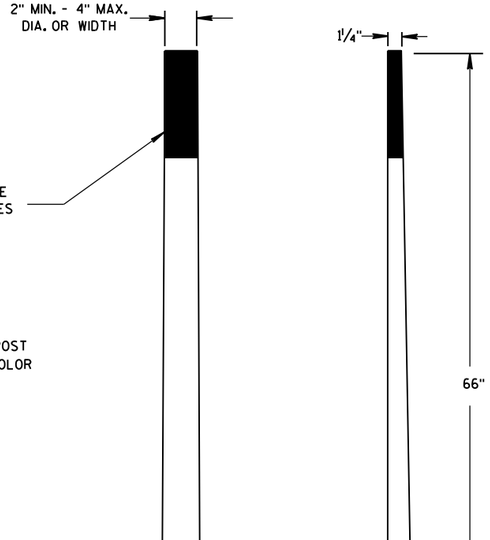
S.D.D. 15 A 3-2a





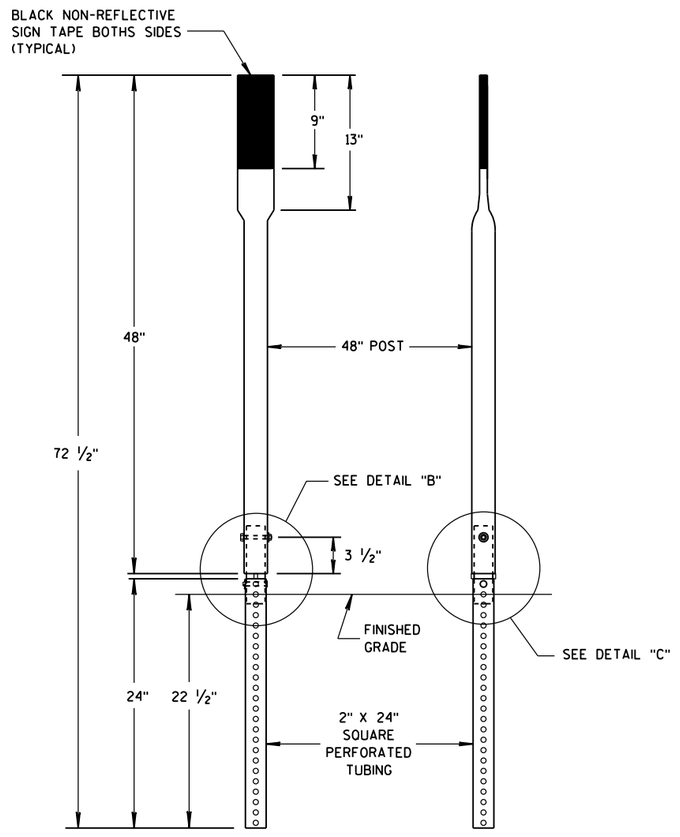
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

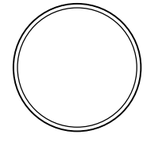
ALTERNATE 2



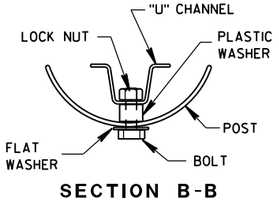
FRONT VIEW SIDE VIEW

ALTERNATE 3

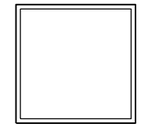
FLEXIBLE MARKER POSTS



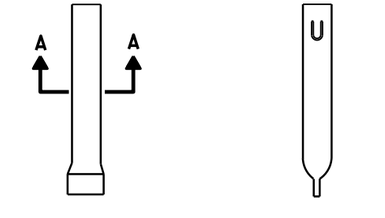
SECTION A-A



SECTION B-B

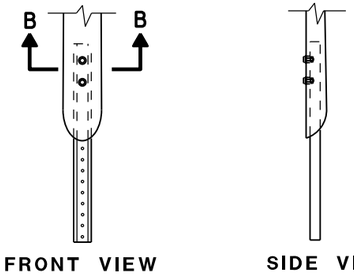


SECTION C-C



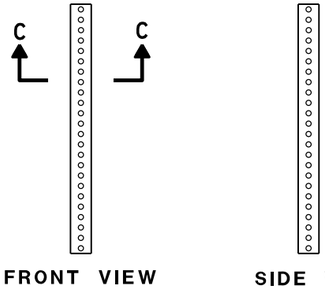
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

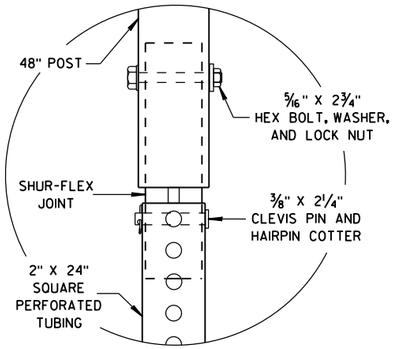
ALTERNATE 2



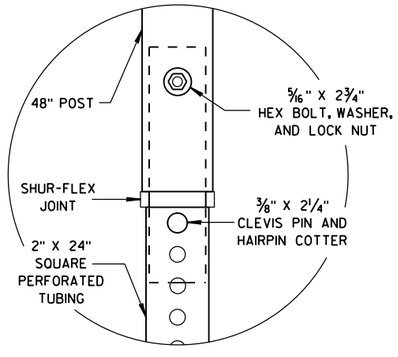
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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S.D.D. 15 A 3-2b

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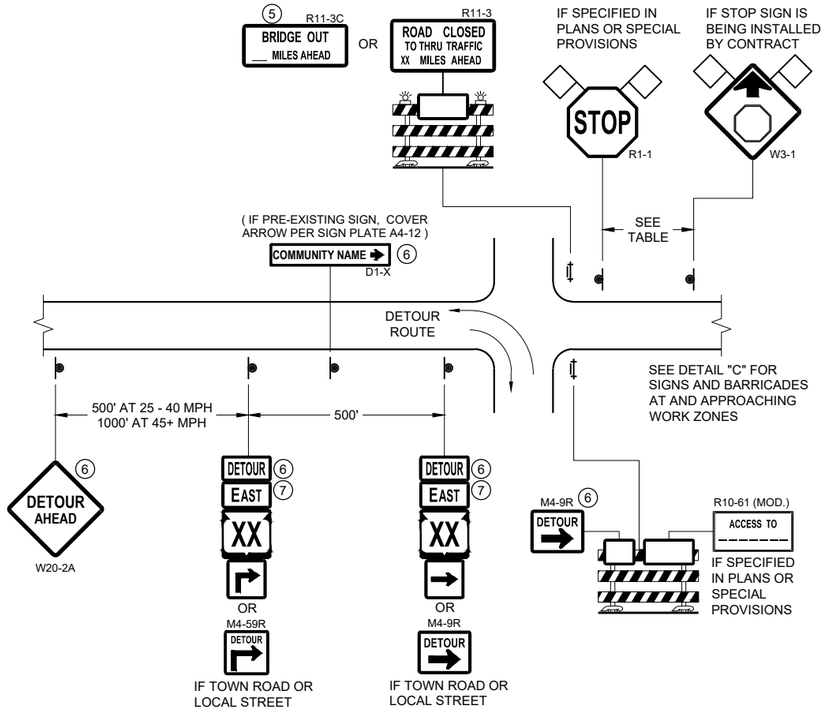
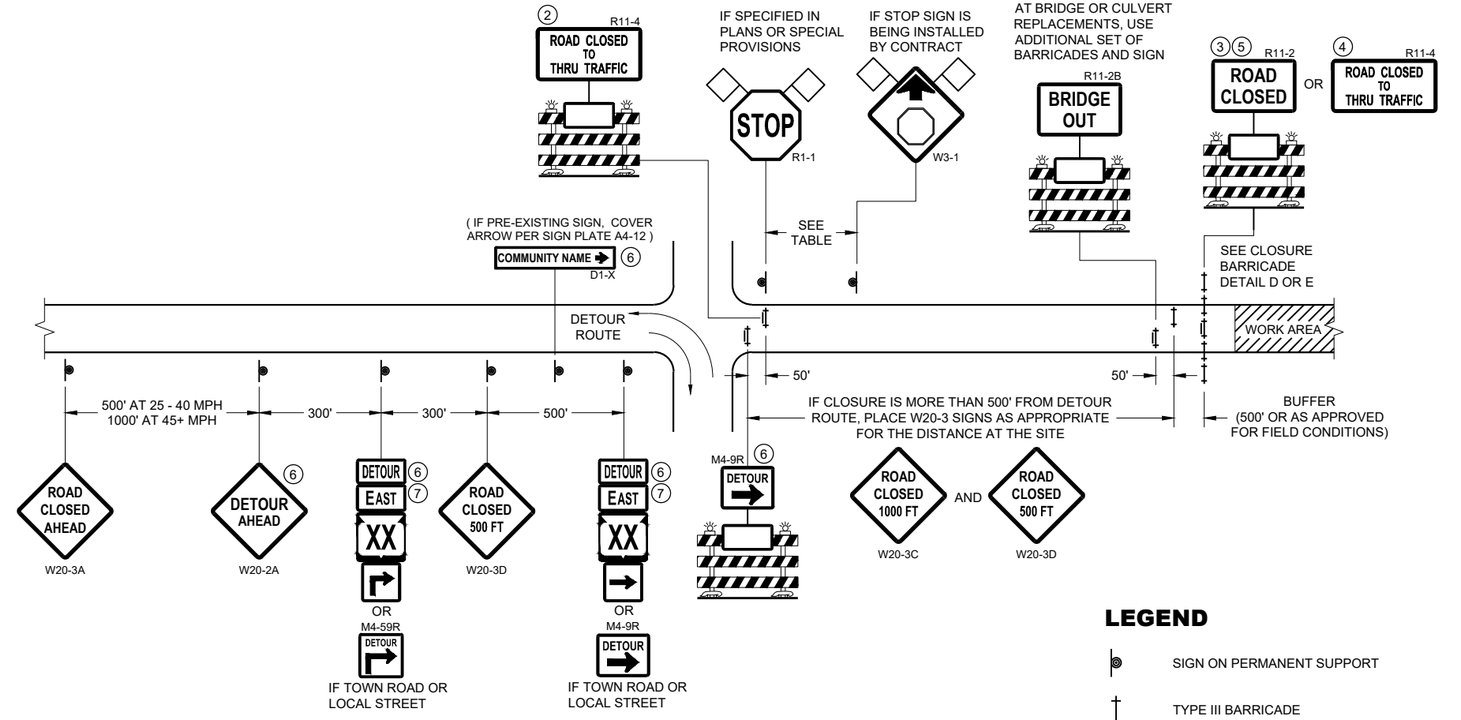
S.D.D. 15 A 3-2b



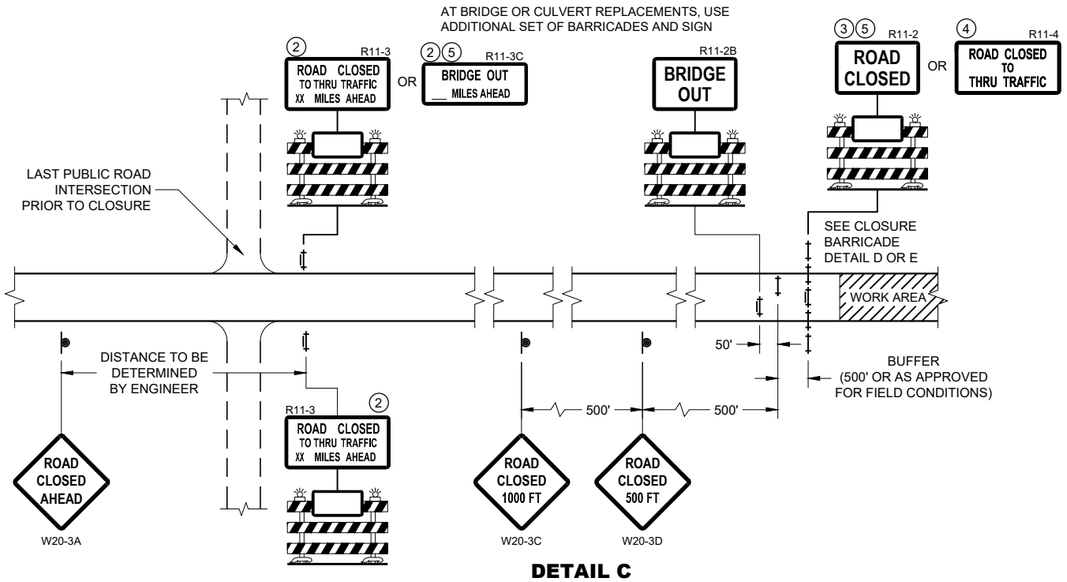
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

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



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

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



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

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

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

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

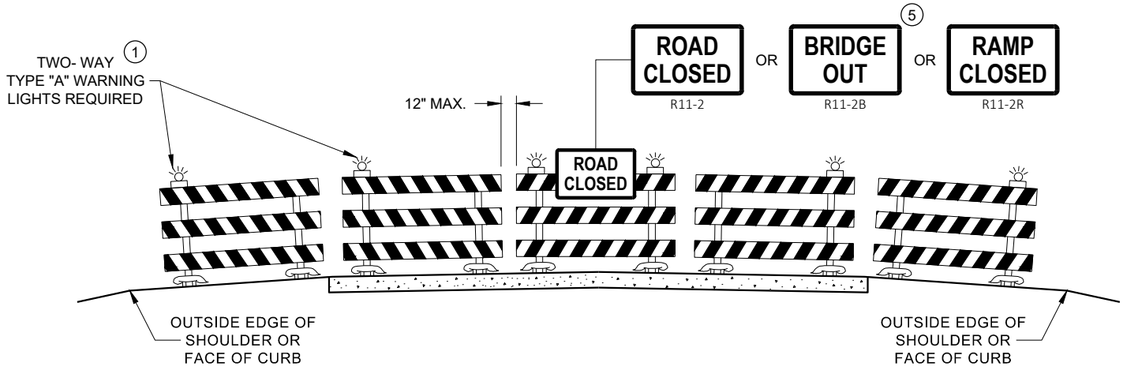
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

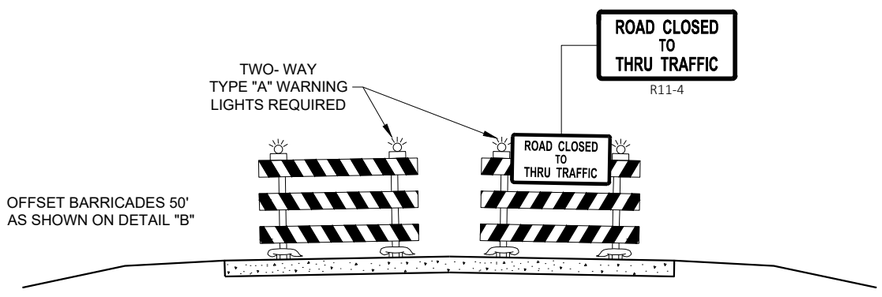
FHWA

6

SDD 15C02 - 09a



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
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

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SDD 15C02 - 09b

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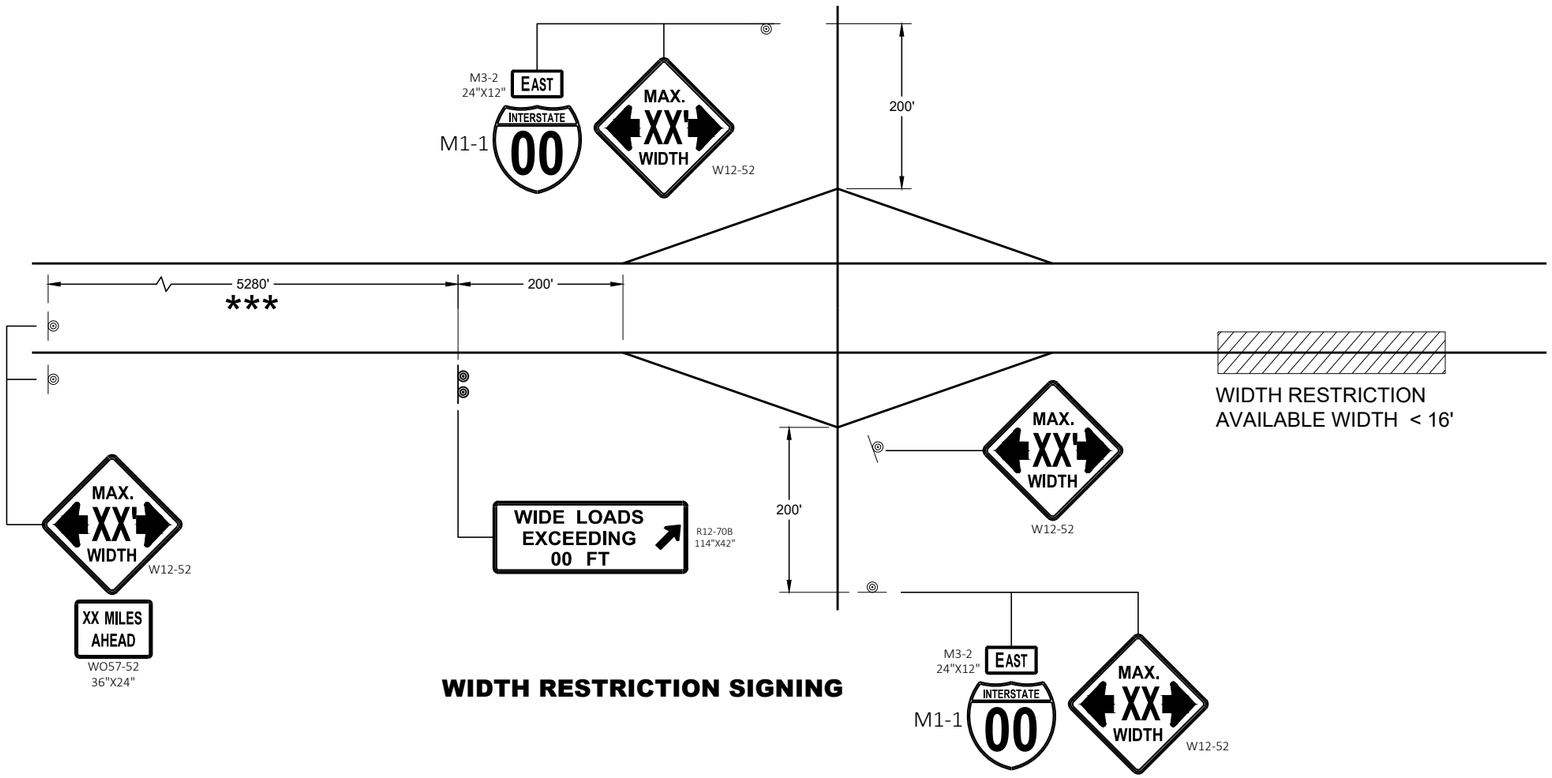
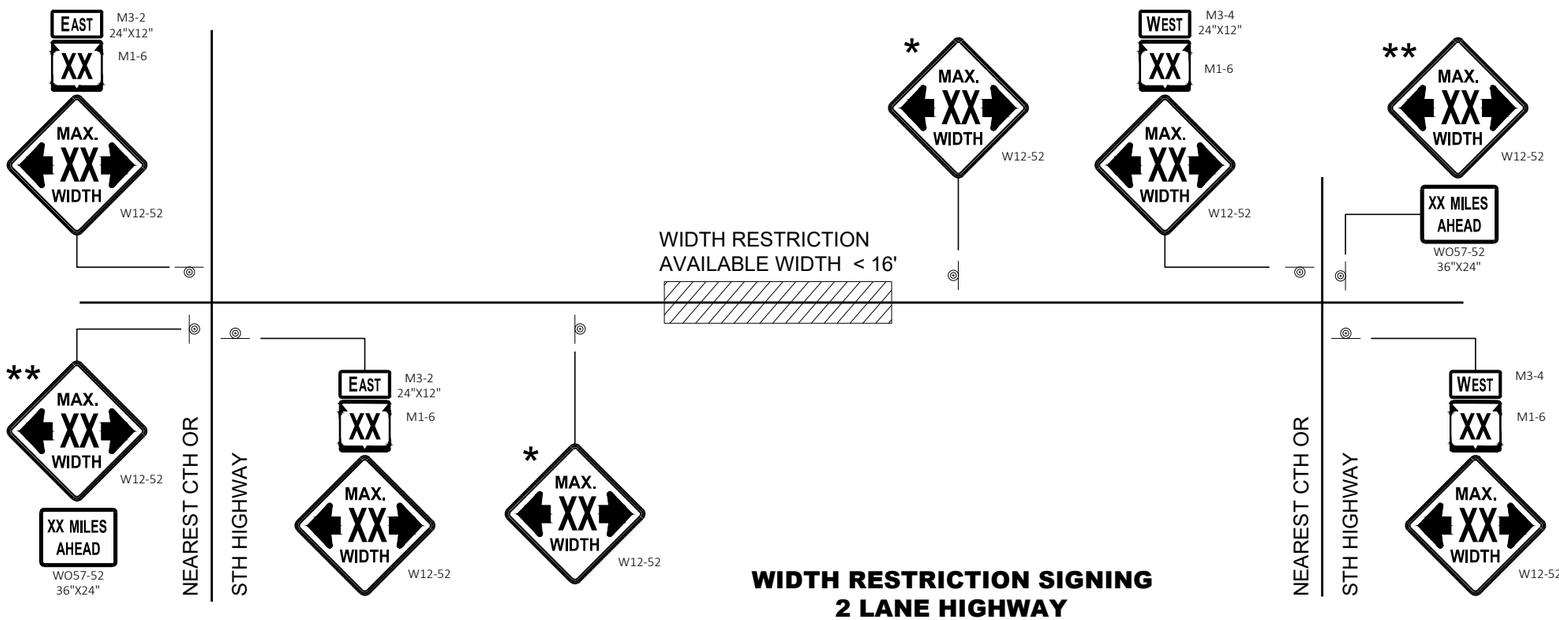
SDD 15C02 - 09b



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

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SDD 15C02 - 09f

SDD 15C02 - 09f

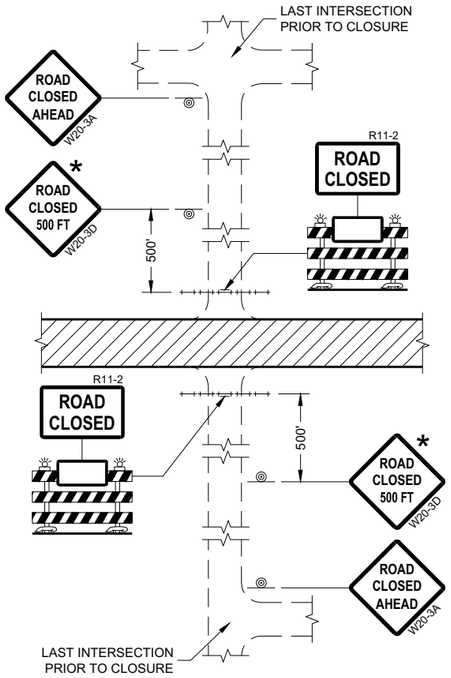
ADVANCED WIDTH RESTRICTION SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

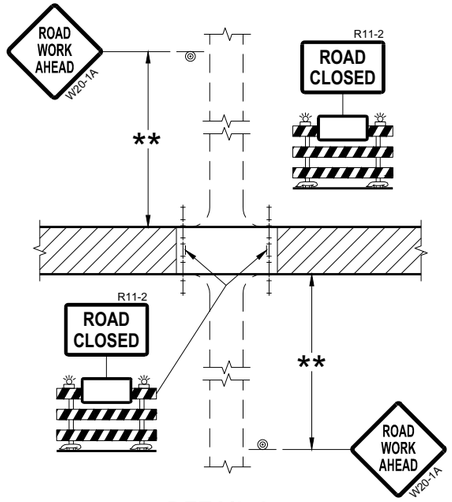
APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)

GENERAL NOTES

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

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

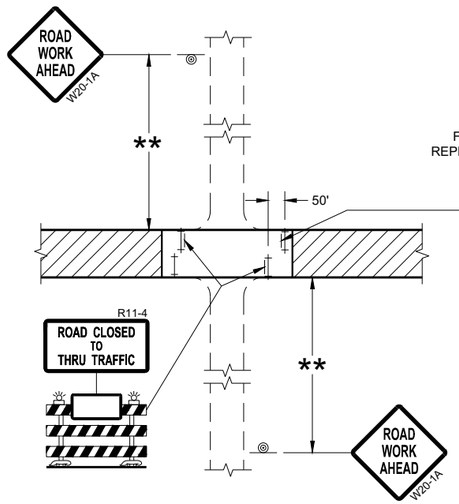
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15C03 - 05

GENERAL NOTES

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

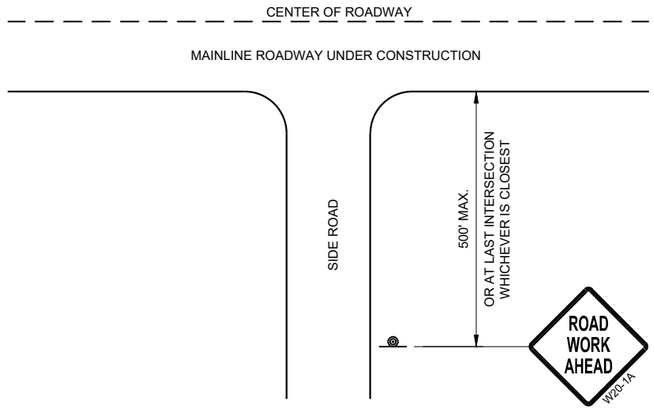
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

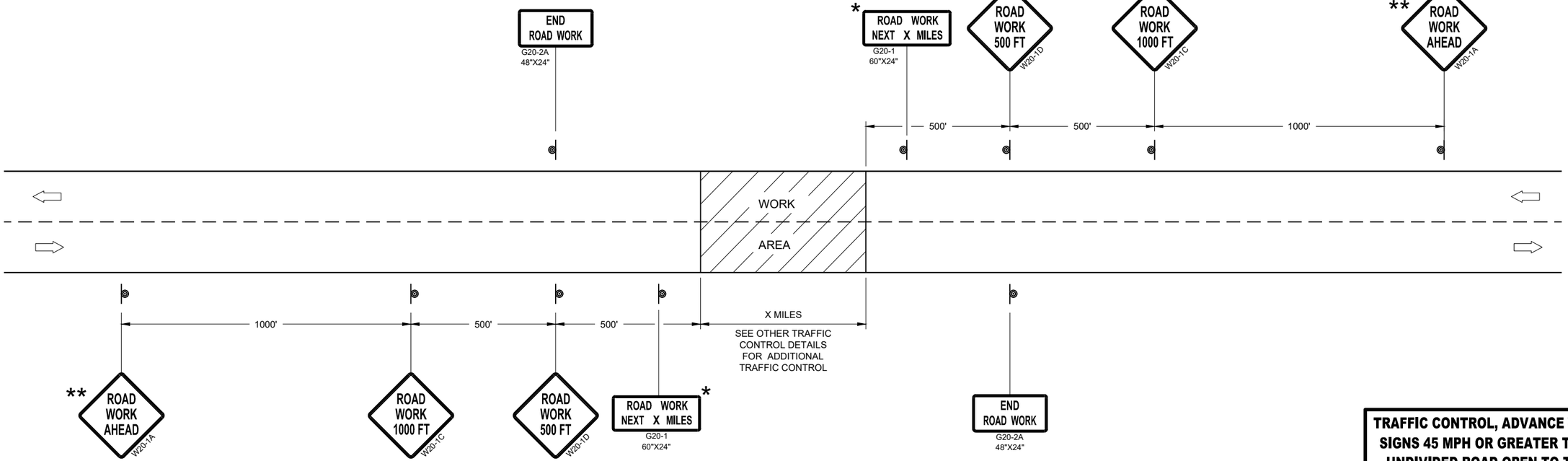
** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C04 - 05

GENERAL NOTES

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

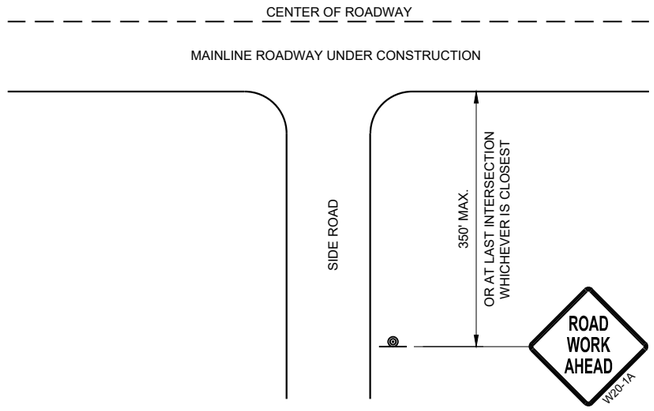
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

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.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



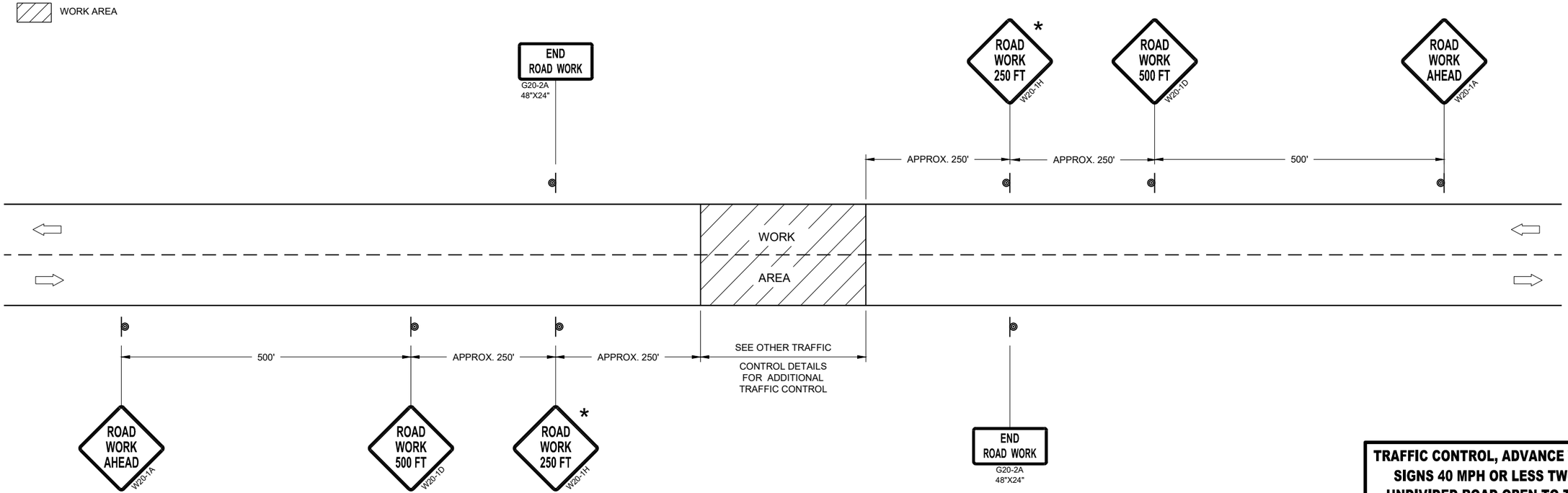
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

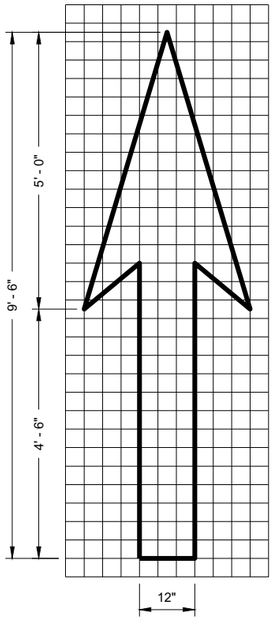
FHWA

6

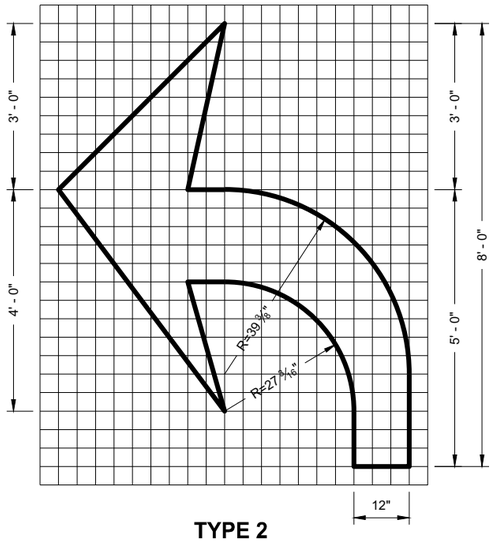
SDD 15C05 - 05

GENERAL NOTES

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



TYPE 1



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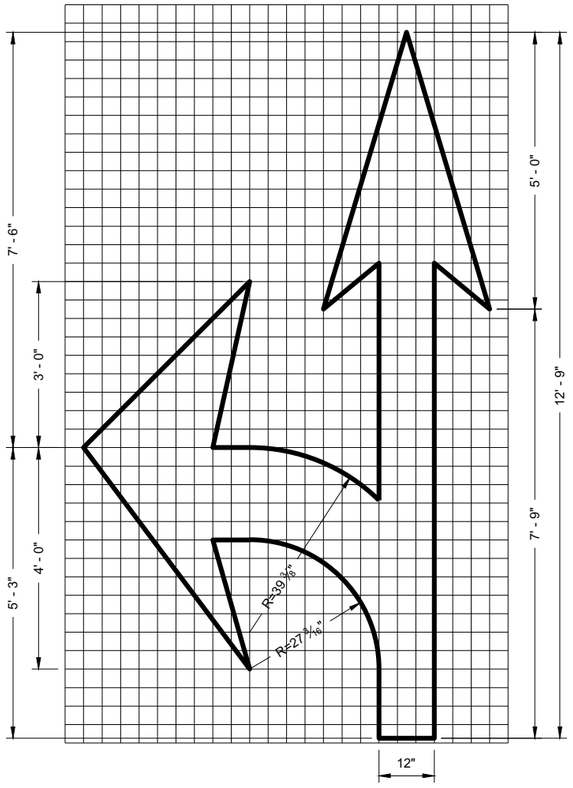

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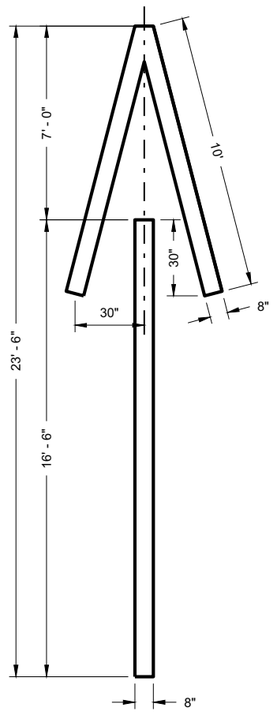

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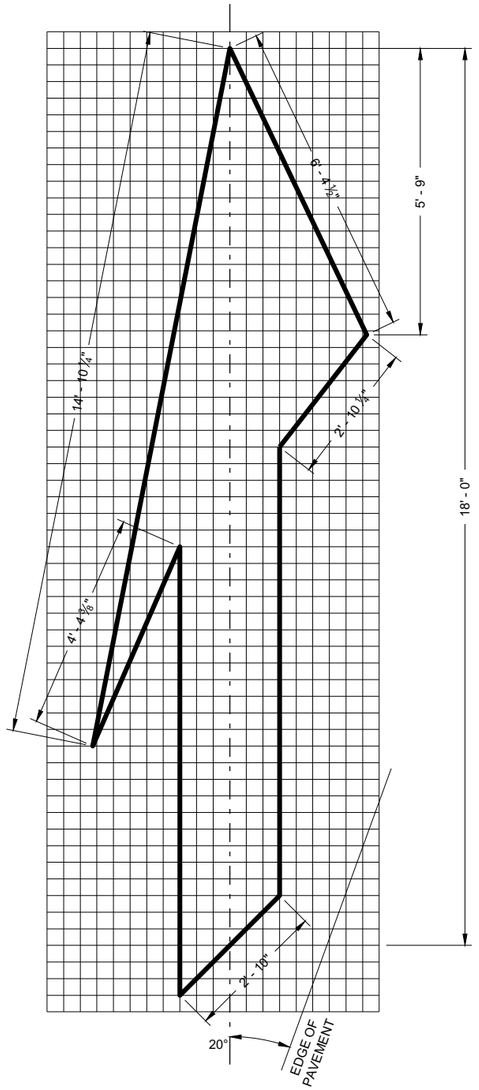
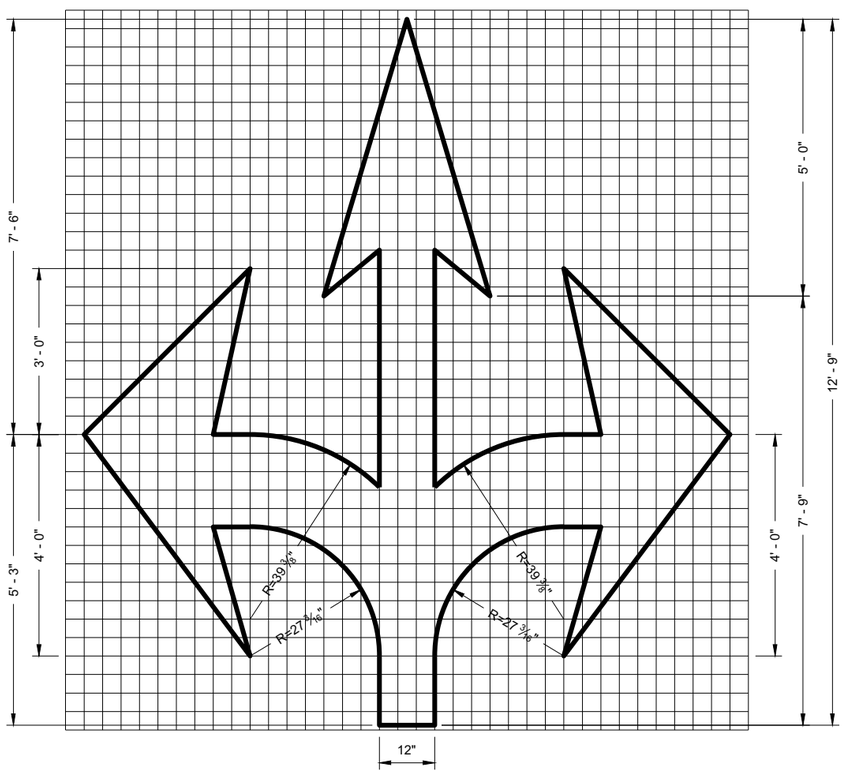
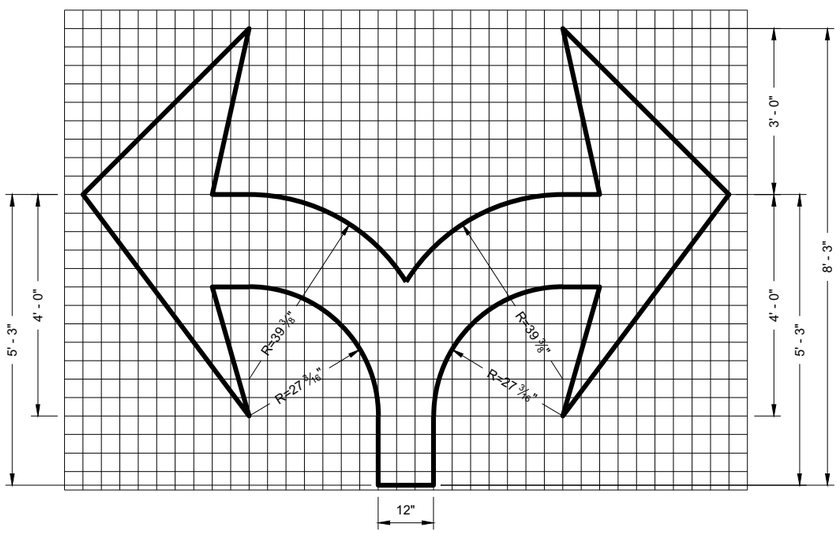


TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAF ENGINEER

FHWA

6

SDD 15C07 - 15c

6

SDD 15C07 - 15c

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

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

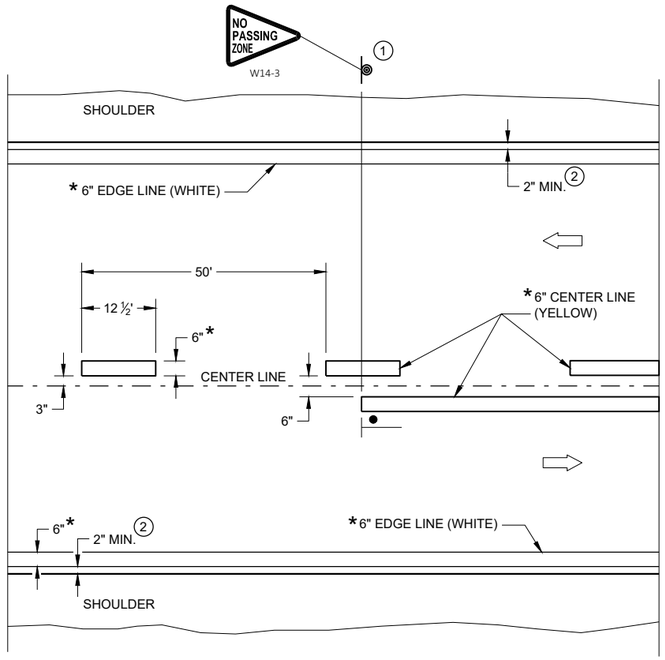
(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

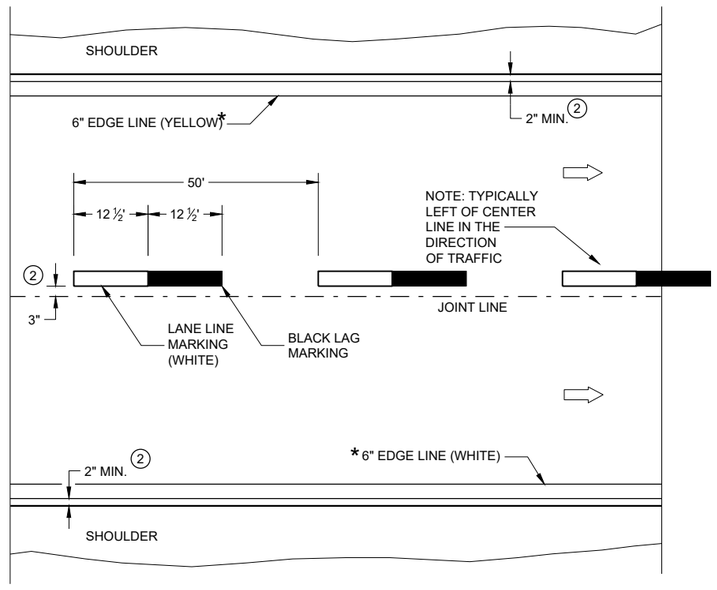
"T" MARKING

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

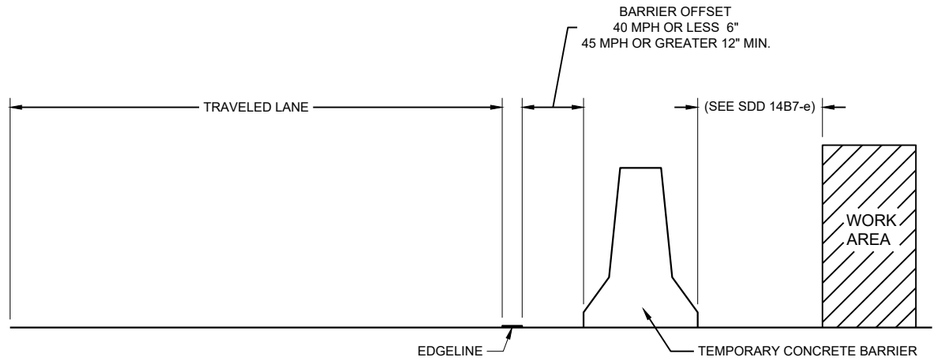
May 2023 — DATE

/S/ Jeannie Silver — STATEWIDE SIGNING AND M ENGINEER

FHWA

6

SDD 15C08-23a



TEMPORARY BARRIER OFFSET FROM EDGELINE

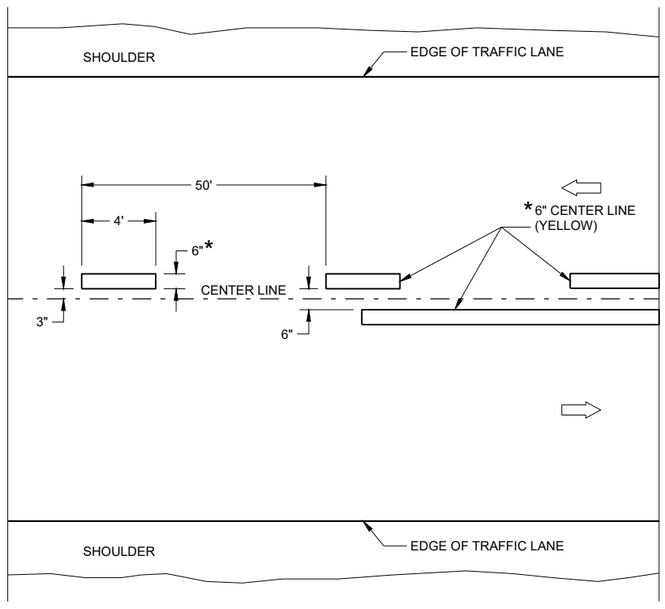
GENERAL NOTES

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

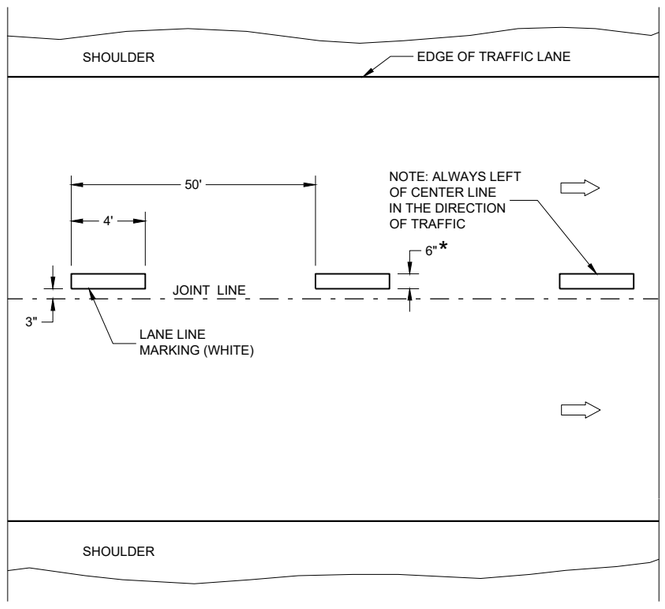
LEGEND

⇨ DIRECTION OF TRAFFIC

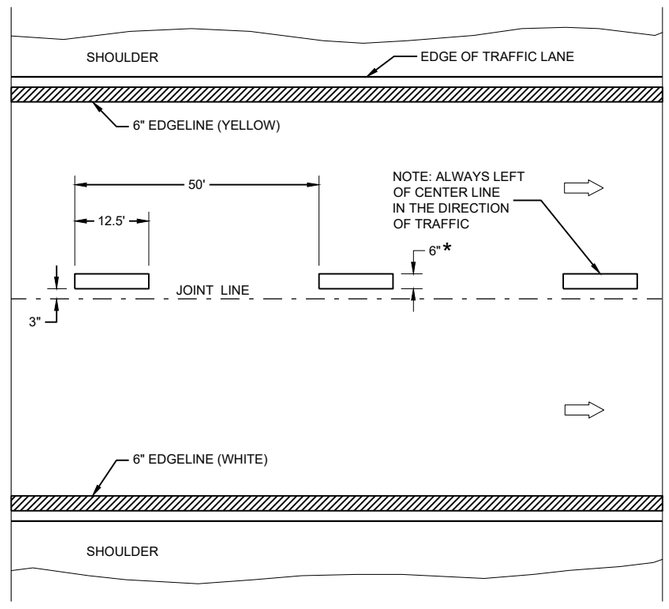
* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

TEMPORARY LONGITUDINAL PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Jeannie Silver — STATEWIDE SIGNING AND M ENGINEER

FHWA

6

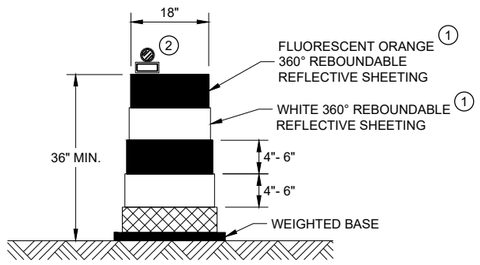
SDD 15C08-23b

6

SDD 15C08-23b

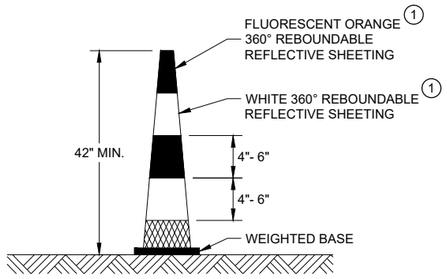
GENERAL NOTES

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

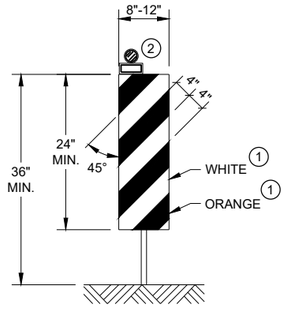
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

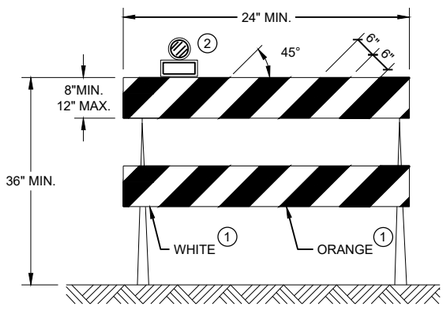
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



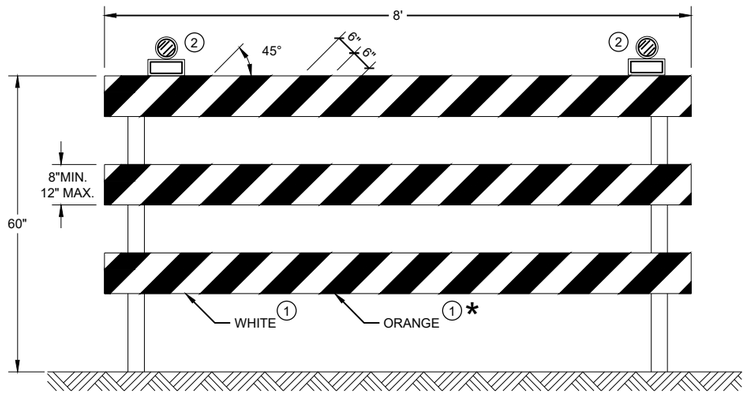
VERTICAL PANEL

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
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C11 - 10b
SDD 15C11 - 10b

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

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

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

(1) FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

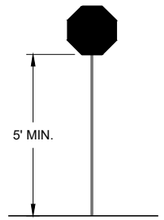
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.



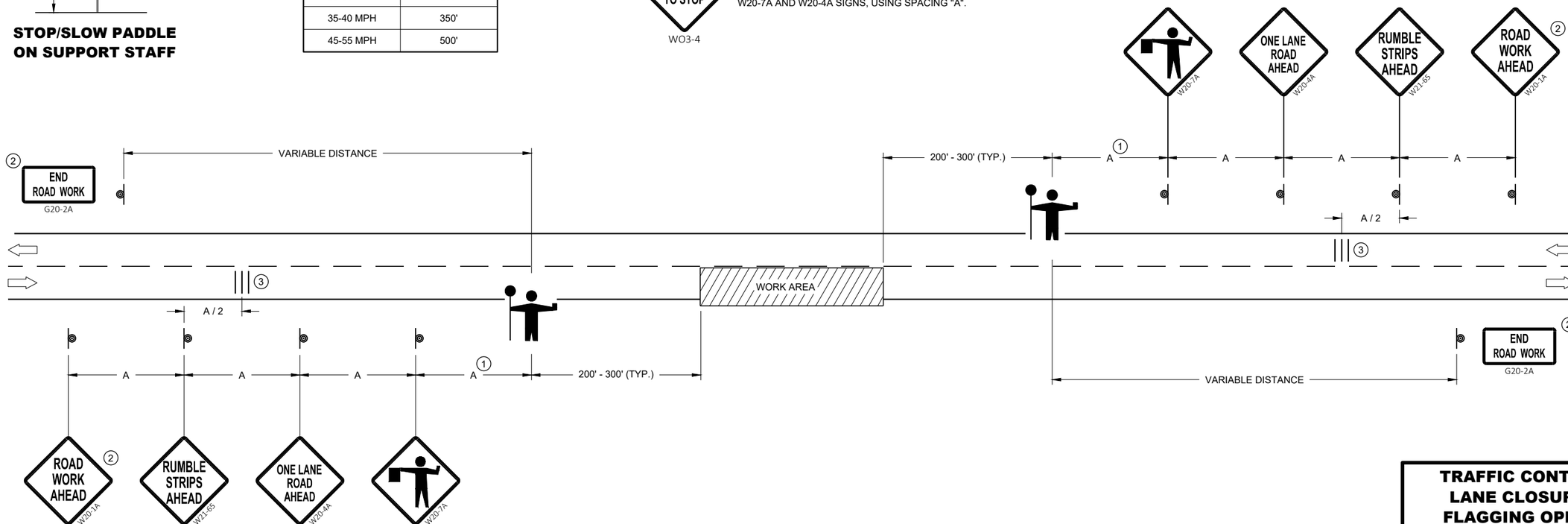
STOP/SLOW PADDLE ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'

WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

SDD 15C12 - 09a

SDD 15C12 - 09a

GENERAL NOTES

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL CONE 42-INCH

TRAFFIC CONTROL DRUM

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

AFAD — AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD)

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

IF THE AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD) STOPS WORKING, 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.

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.

(1) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

(2) IF FLAGGERS ARE PHYSICALLY NEEDED TO FLAG, REPLACE WO3-4 SIGNS WITH W20-7A SIGNS.

TEMPORARY PORTABLE RUMBLE STRIPS

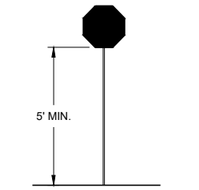
UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

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.

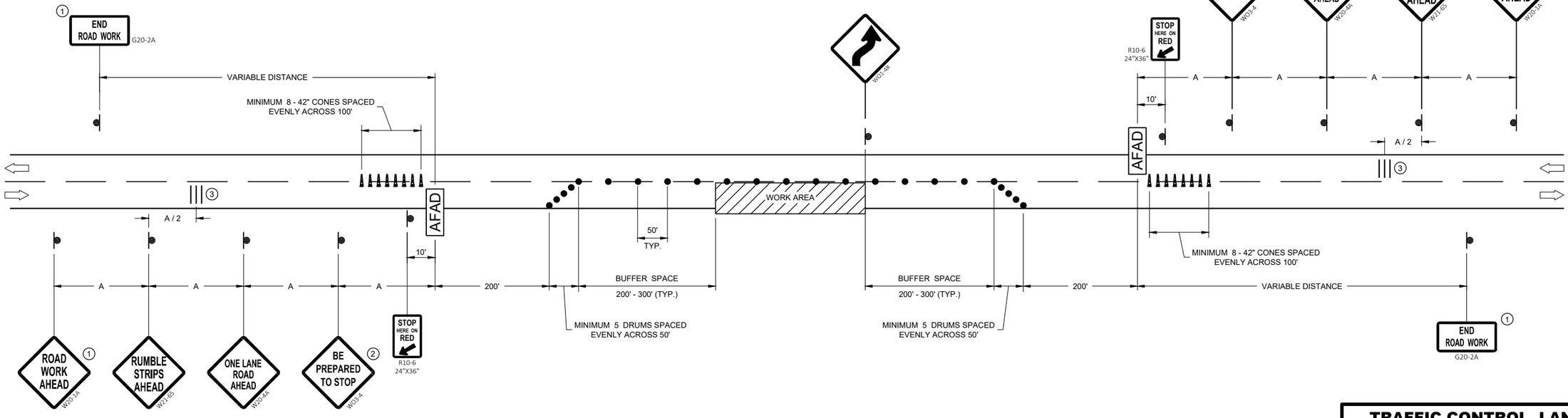
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSELY AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER.



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'



TRAFFIC CONTROL, LANE CLOSURE WITH AUTOMATED FLAGGER ASSISTANCE DEVICE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

SDD 15C12 - 09b

SDD 15C12 - 09b

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.

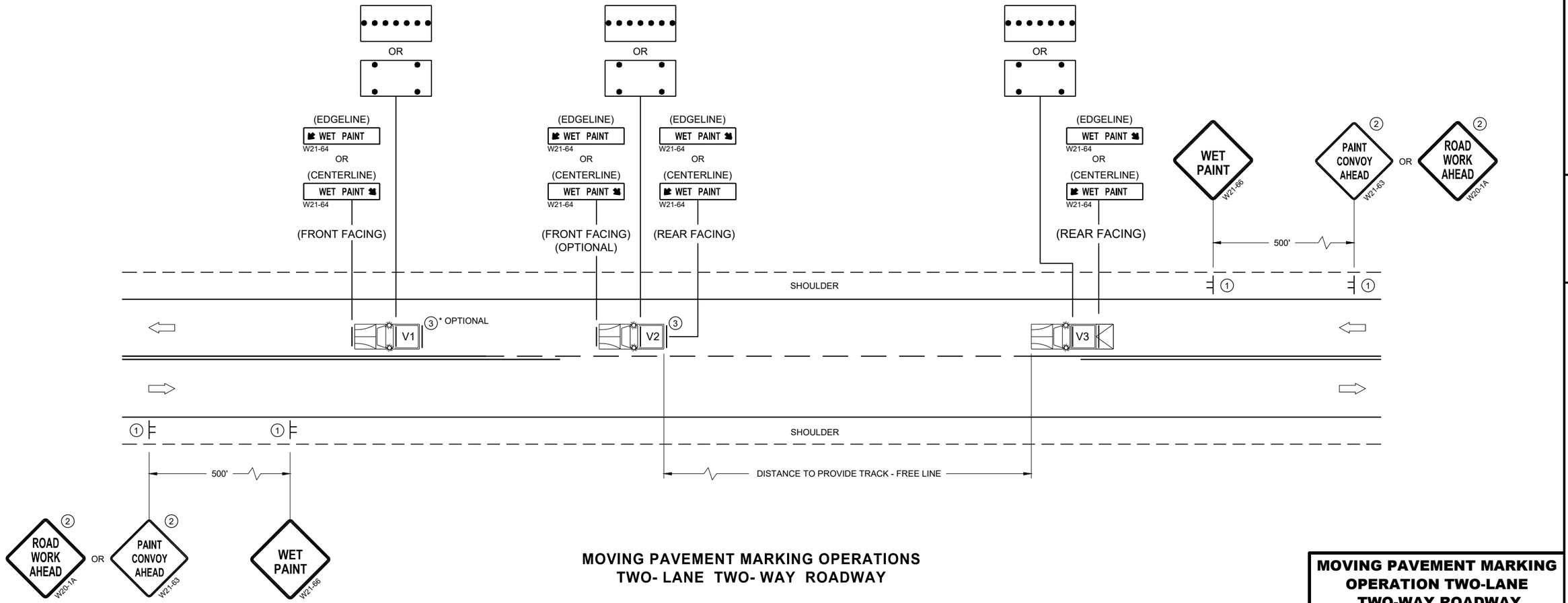
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

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
February 2023
DATE

/S/ Andrew I
WORK ZONE EN

FHWA

6

SDD 15C19-08a

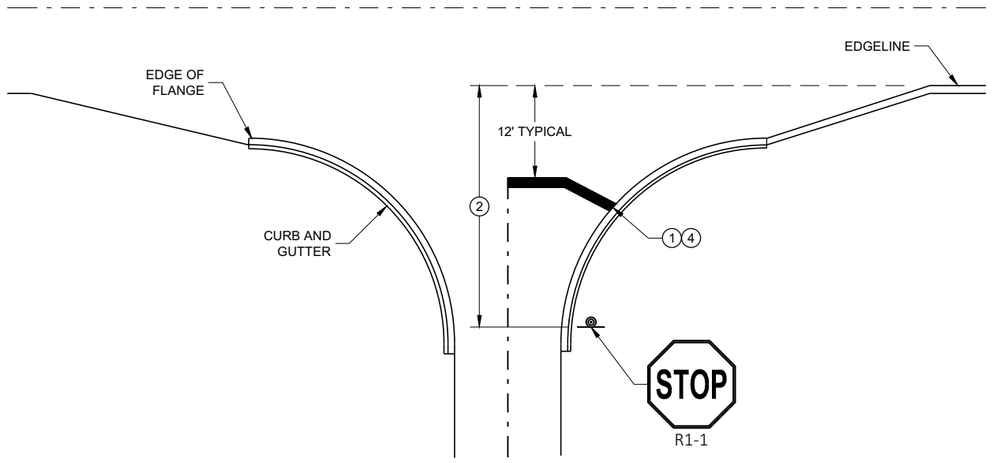
6

SDD 15C19-08a

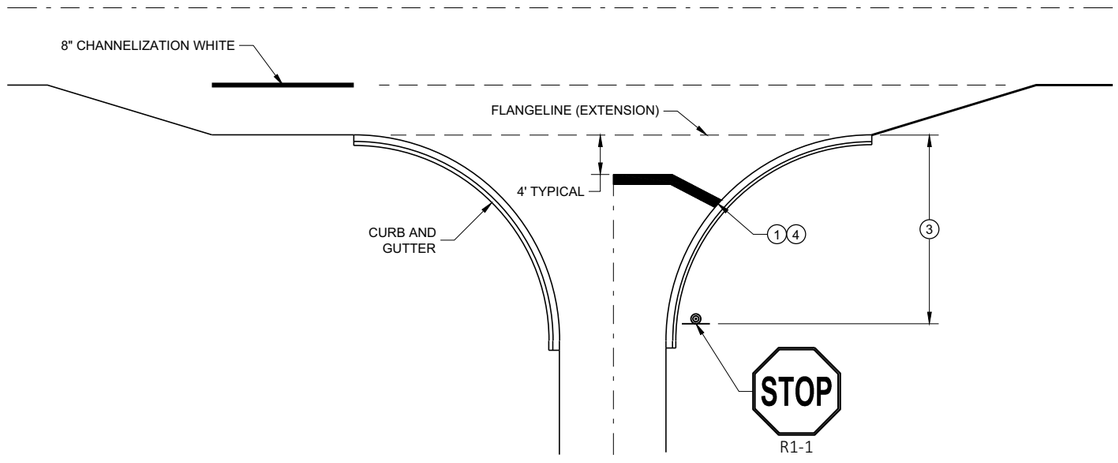
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

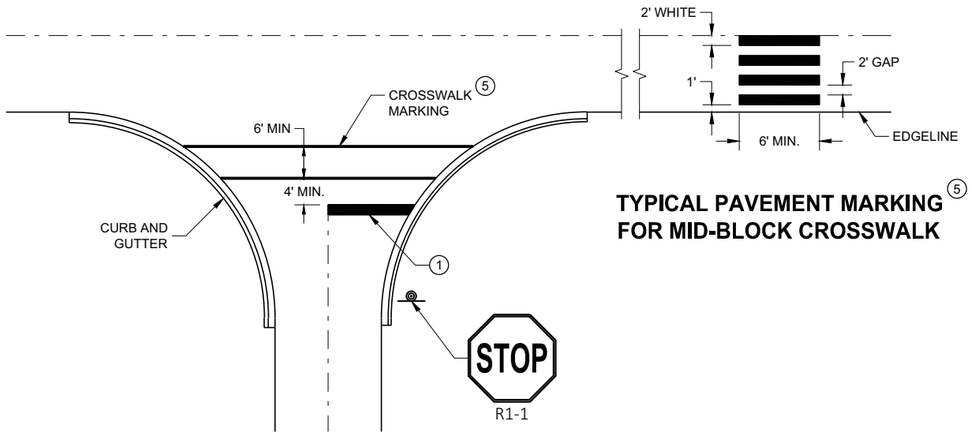
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES INSTEAD.



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

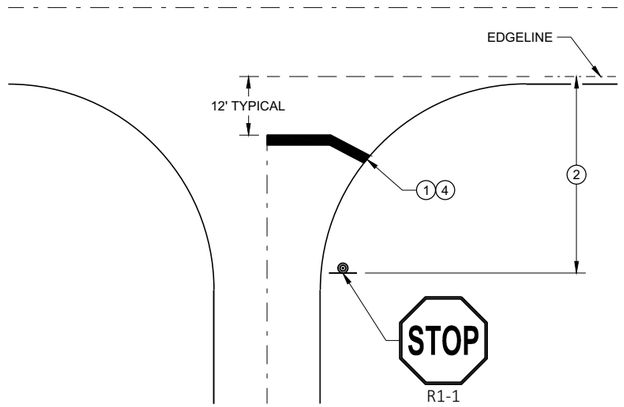


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

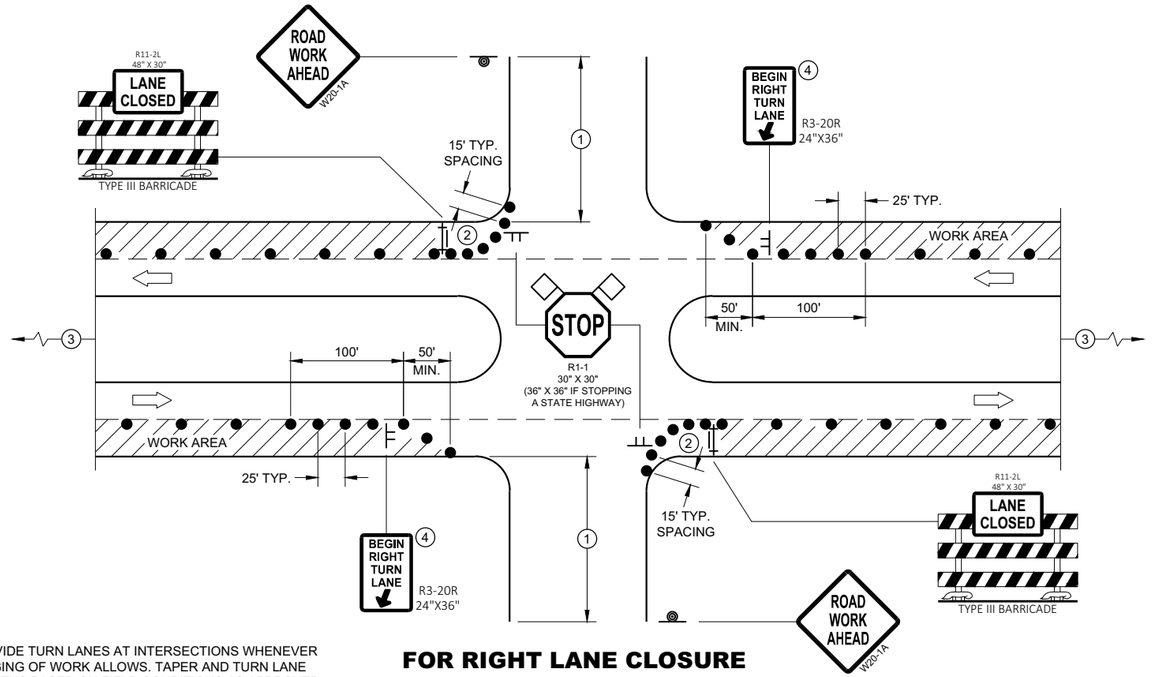
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MARKING ENGINEER

FHWA

6
SDD 15C33 - 04



FOR RIGHT LANE CLOSURE AT INTERSECTION

PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

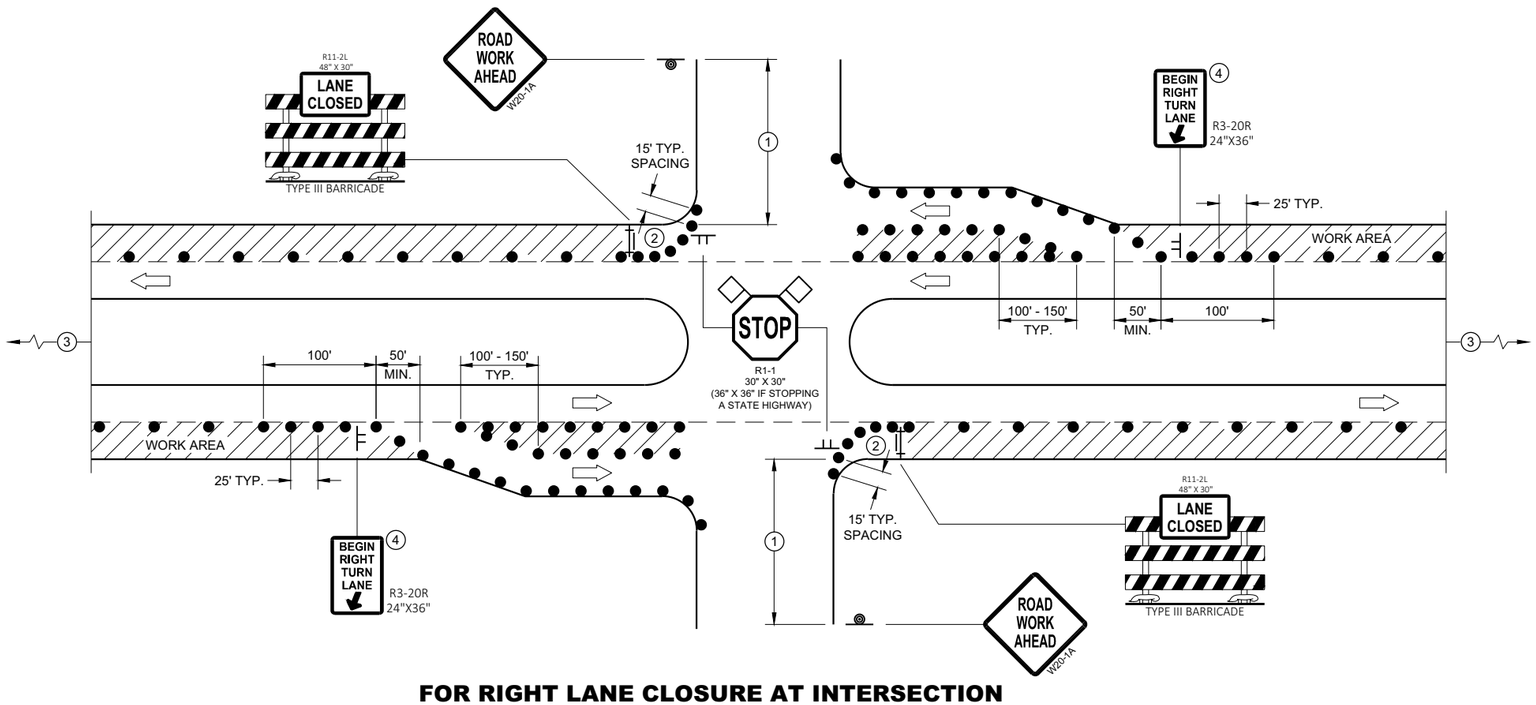
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D21 - 07a

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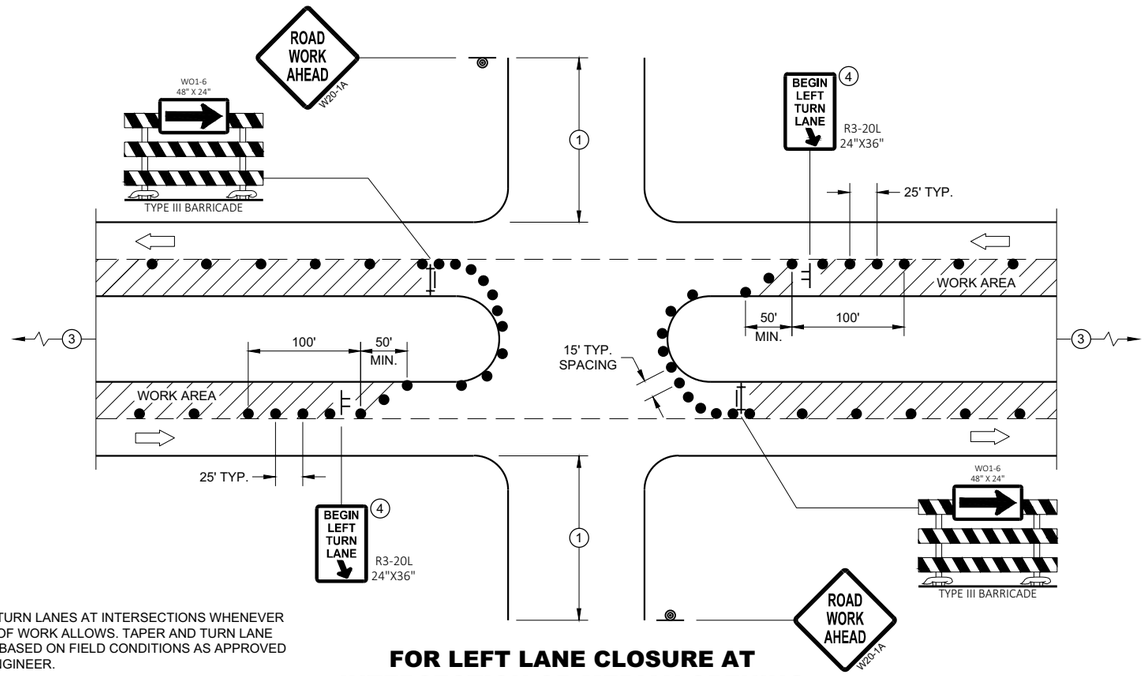
SDD 15D21 - 07a



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

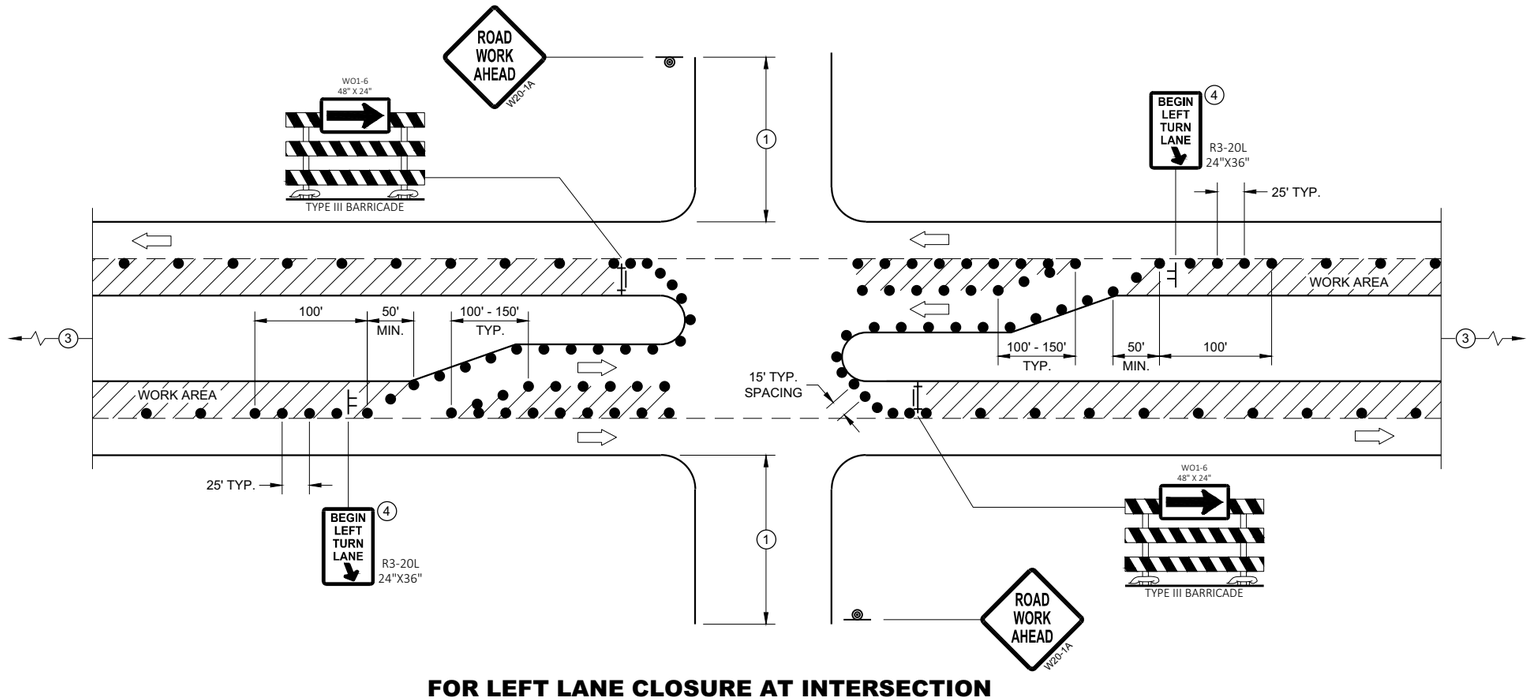
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING (WITH LEFT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D21 - 07b

6

SDD 15D21 - 07b

LEGEND

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DRUM

DIRECTION OF TRAFFIC

WORK ZONE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

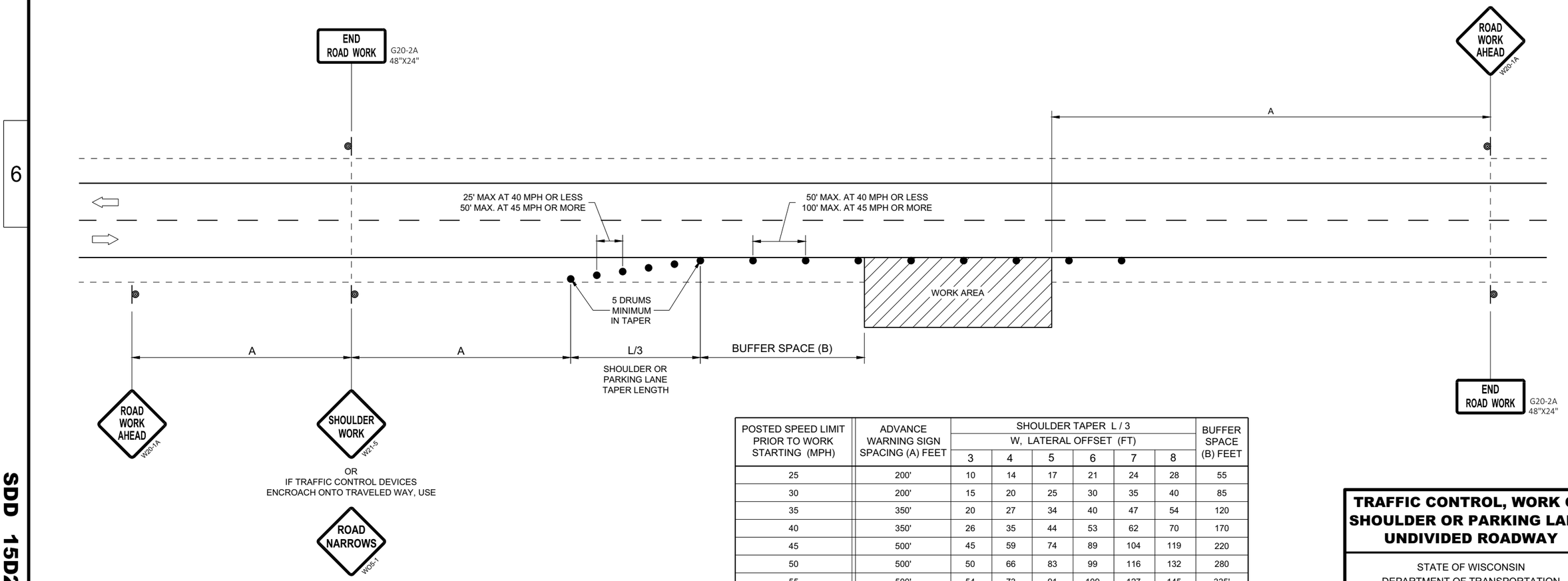
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	59	74	89	104	119	220
50	500'	50	66	83	99	116	132	280
55	500'	54	73	91	109	127	145	335'

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020
DATE

/S/ Andrew Heidtke
STATEWIDE WORK ZONE T SAFETY ENGINEER

FHWA

SDD 15D28 - 04

SDD 15D28 - 04

GENERAL NOTES

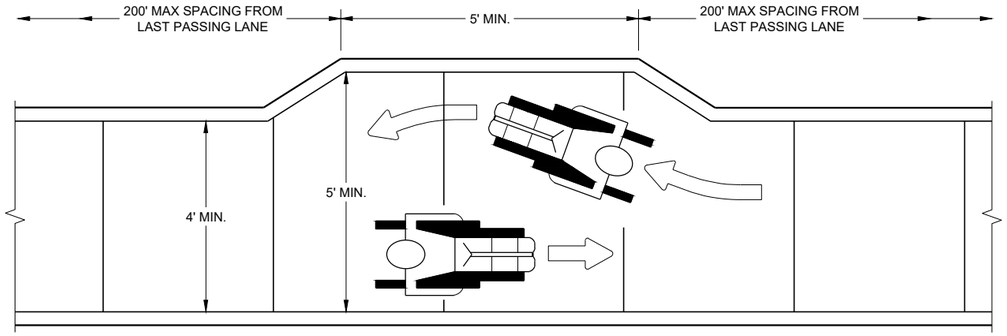
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

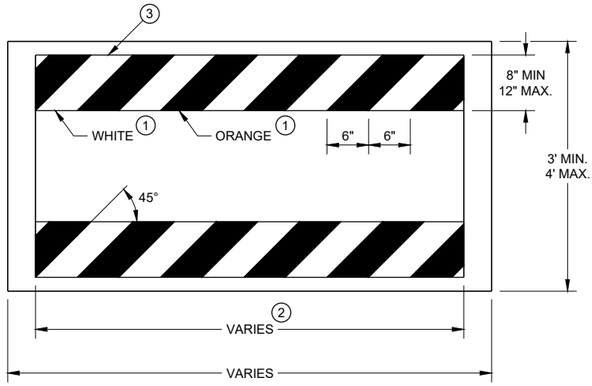
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

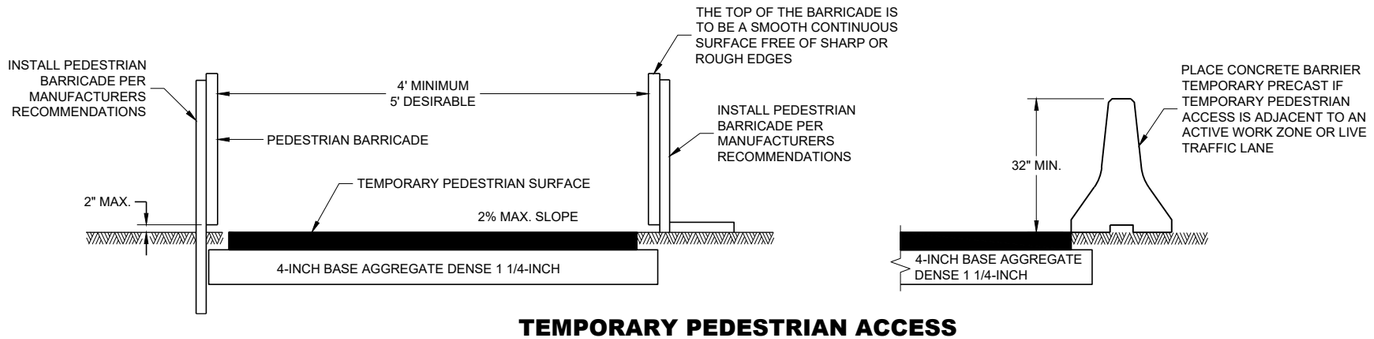
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



NARROW SIDEWALK PASSING DETAIL



TEMPORARY PEDESTRIAN BARRICADE*

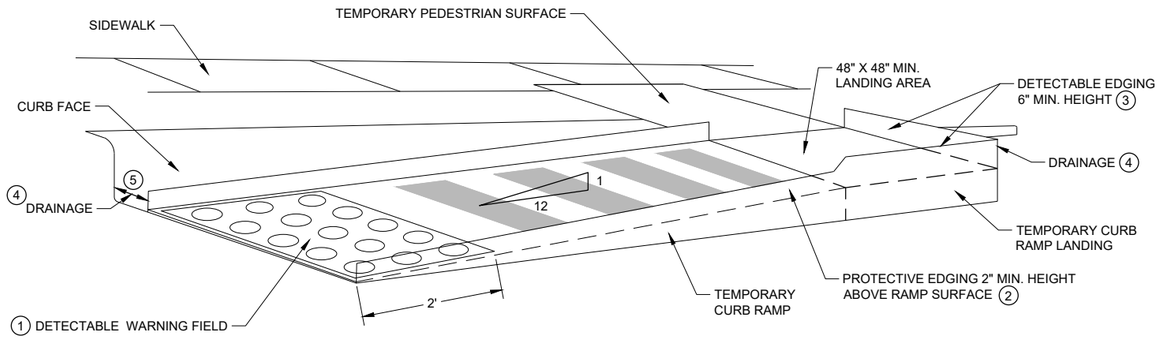


TEMPORARY PEDESTRIAN ACCESS

6

SDD 15D30 - 09a

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



PERSPECTIVE VIEW

GENERAL NOTES

CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.

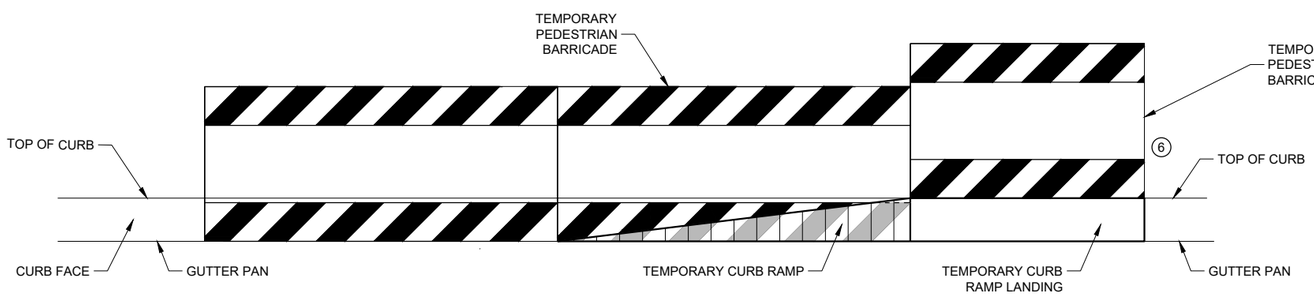
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

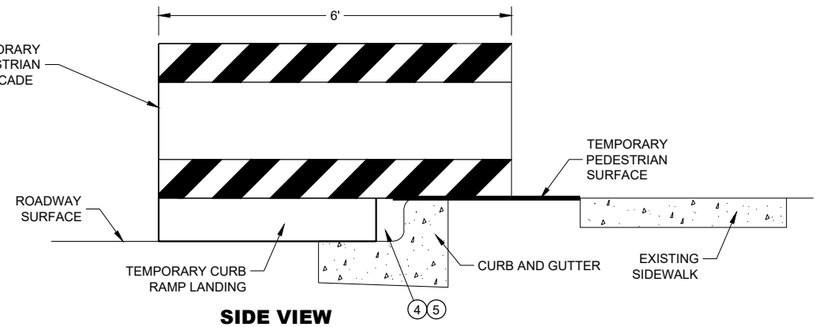
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.

(6) IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.



FRONT VIEW



SIDE VIEW

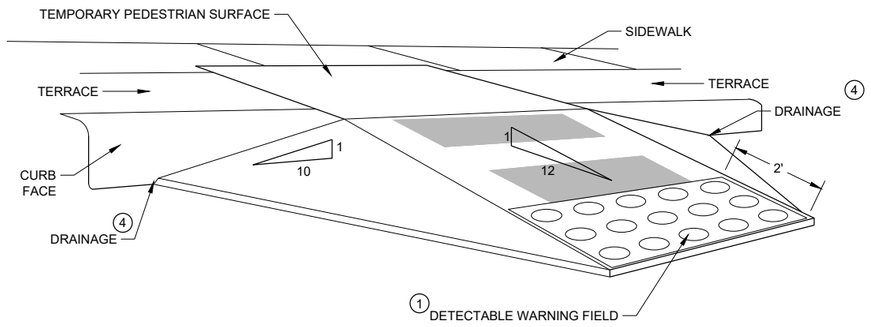
TEMPORARY CURB RAMP PARALLEL TO CURB

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

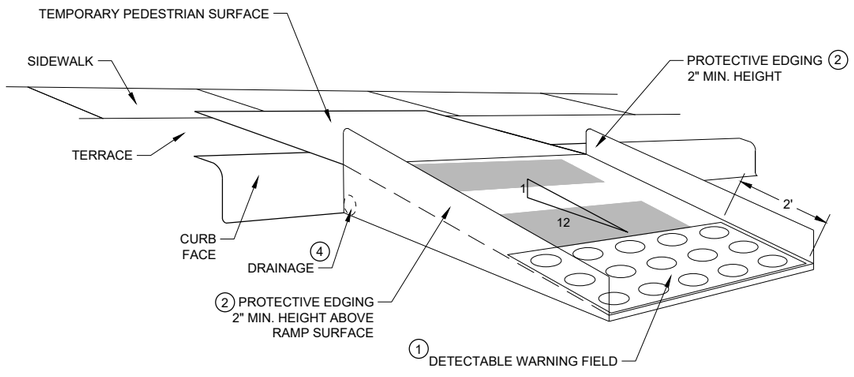
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30 - 09b



WITH SIDE APRON (5)



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

6

SDD 15D30 - 09c

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

GENERAL NOTES

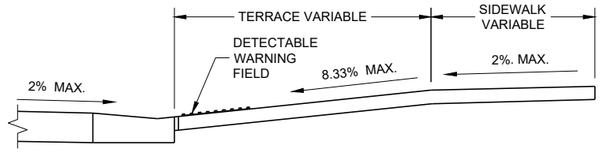
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

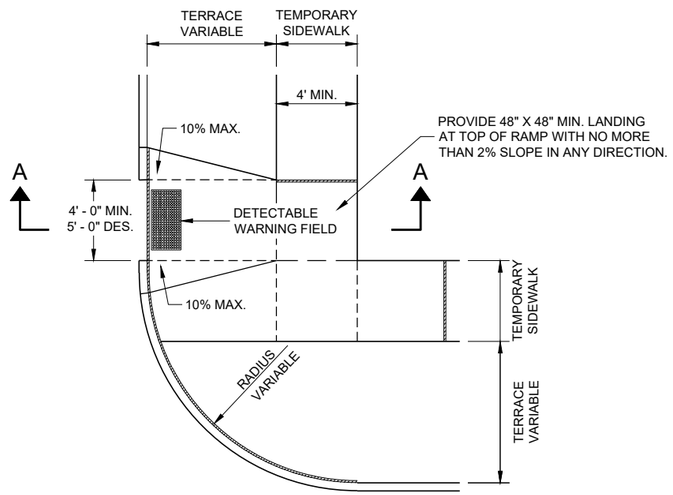
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



SECTION A - A



PLAN VIEW

TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

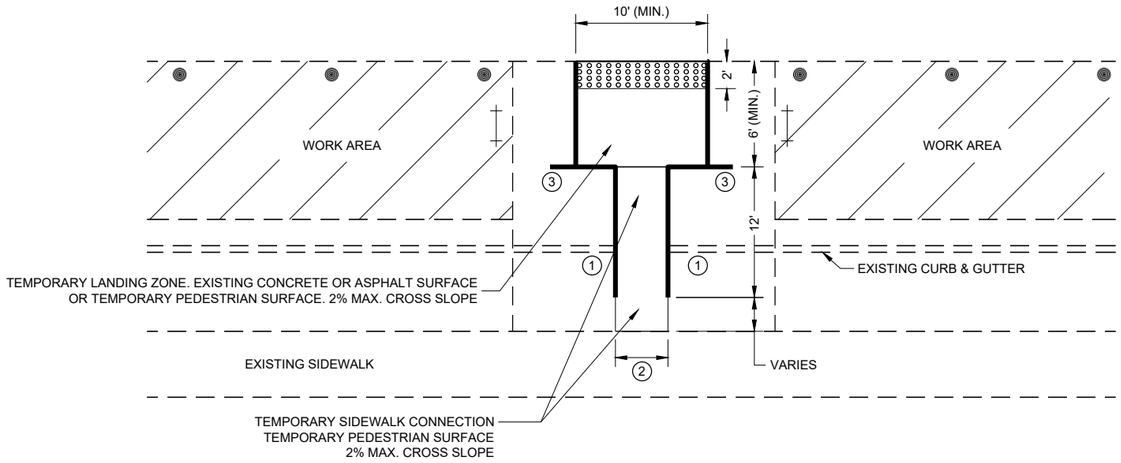
APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

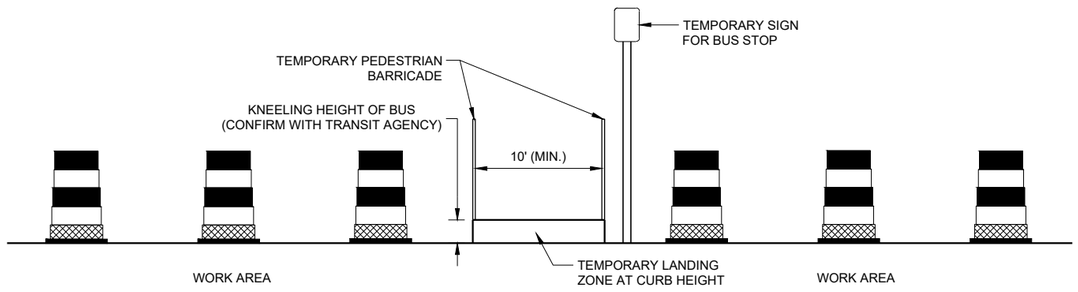
FHWA

6

SDD 15D30-09d



PLAN VIEW



PROFILE VIEW

TEMPORARY BUS STOP PAD

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

(1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(2) 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.

(3) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.

LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- WORK AREA

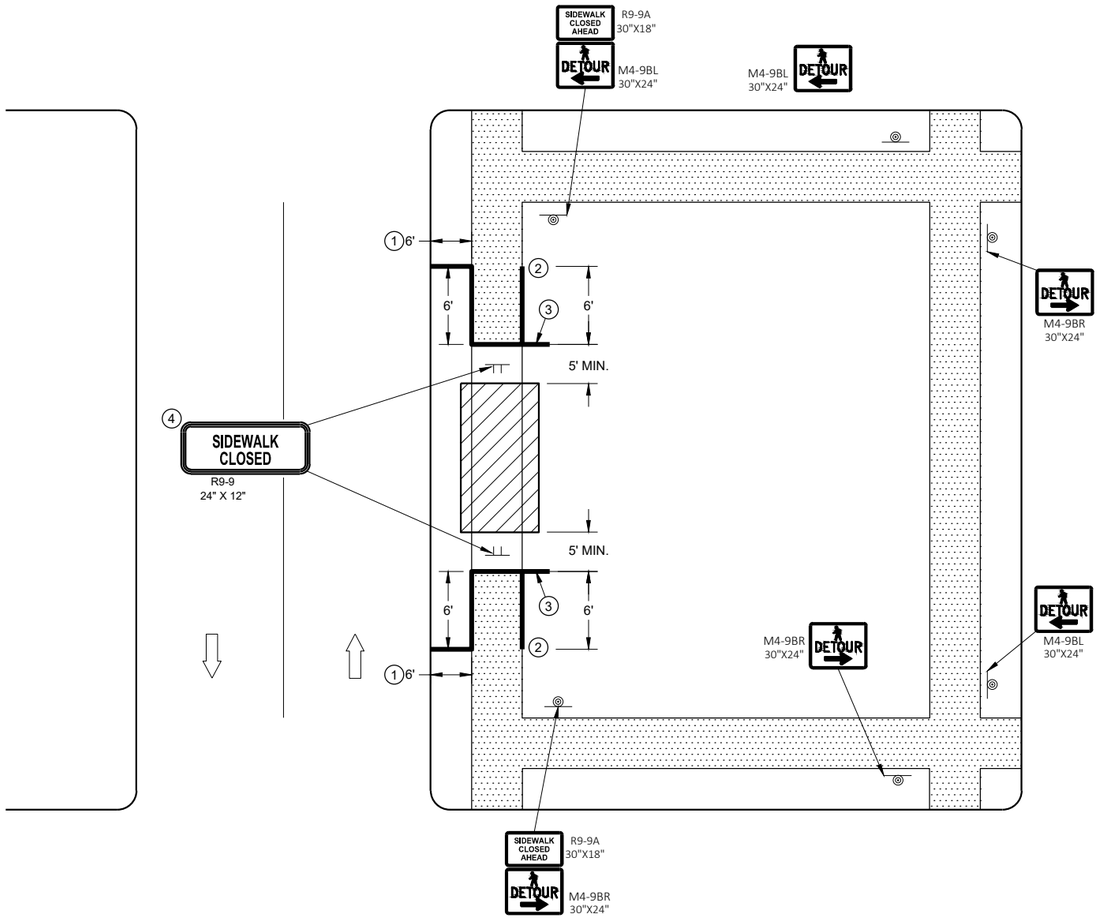
6

SDD 15D30 - 09e

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

6

SDD 15D30 - 09f

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY PEDESTRIAN SURFACE
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

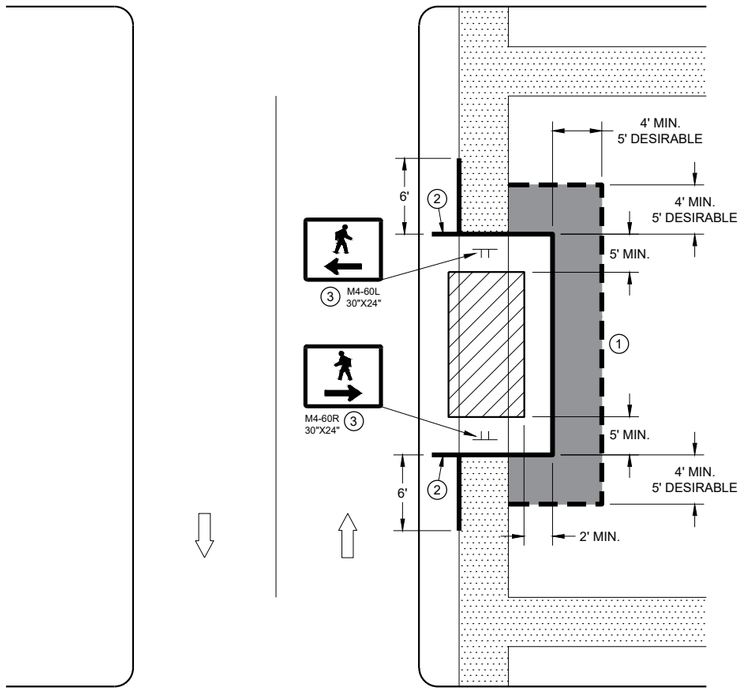
TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

1. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
2. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
3. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK DIVERSION
SINGLE SIDE

6

SDD 15D30 - 09g

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD15D30 - 09g

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

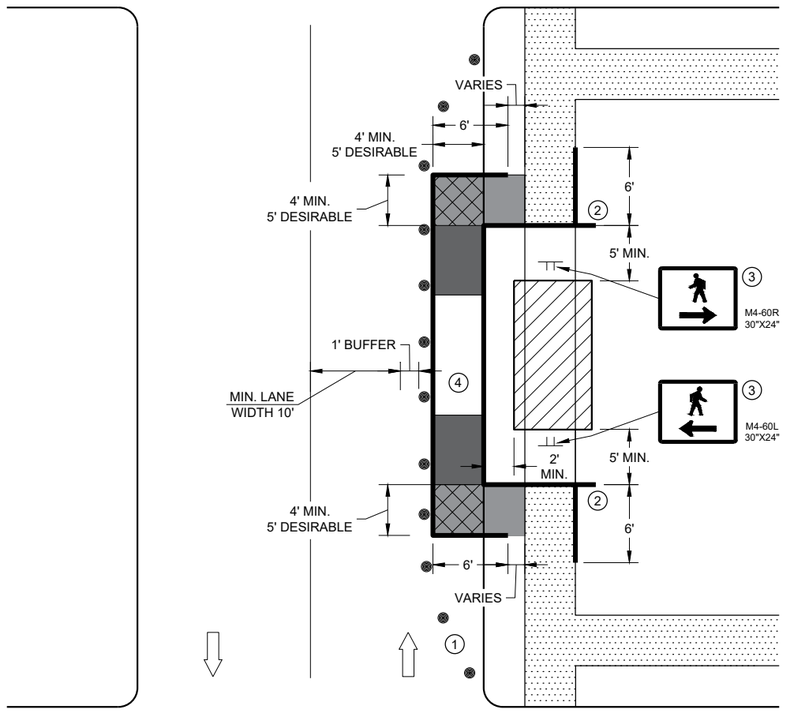
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.

(2) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

(4) USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE.



SIDEWALK DIVERSION, SINGLE SIDE

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

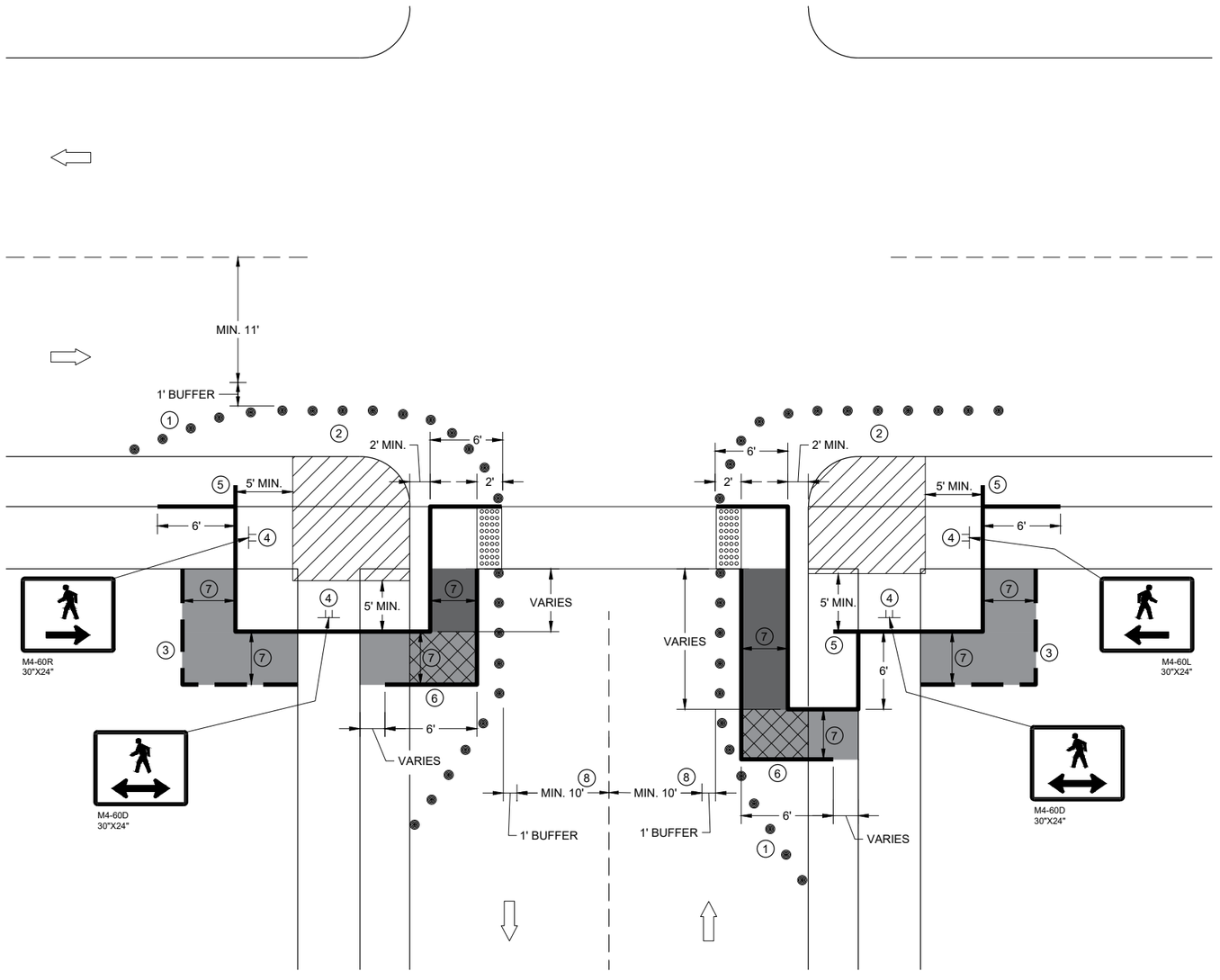
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30 - 09h

6

SDD 15D30 - 09h



CURB RAMP PEDESTRIAN TRAFFIC CONTROL
SIDEWALK ON SINGLE SIDE

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
7. 4 FEET MINIMUM, 5 FEET DESIRABLE
8. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

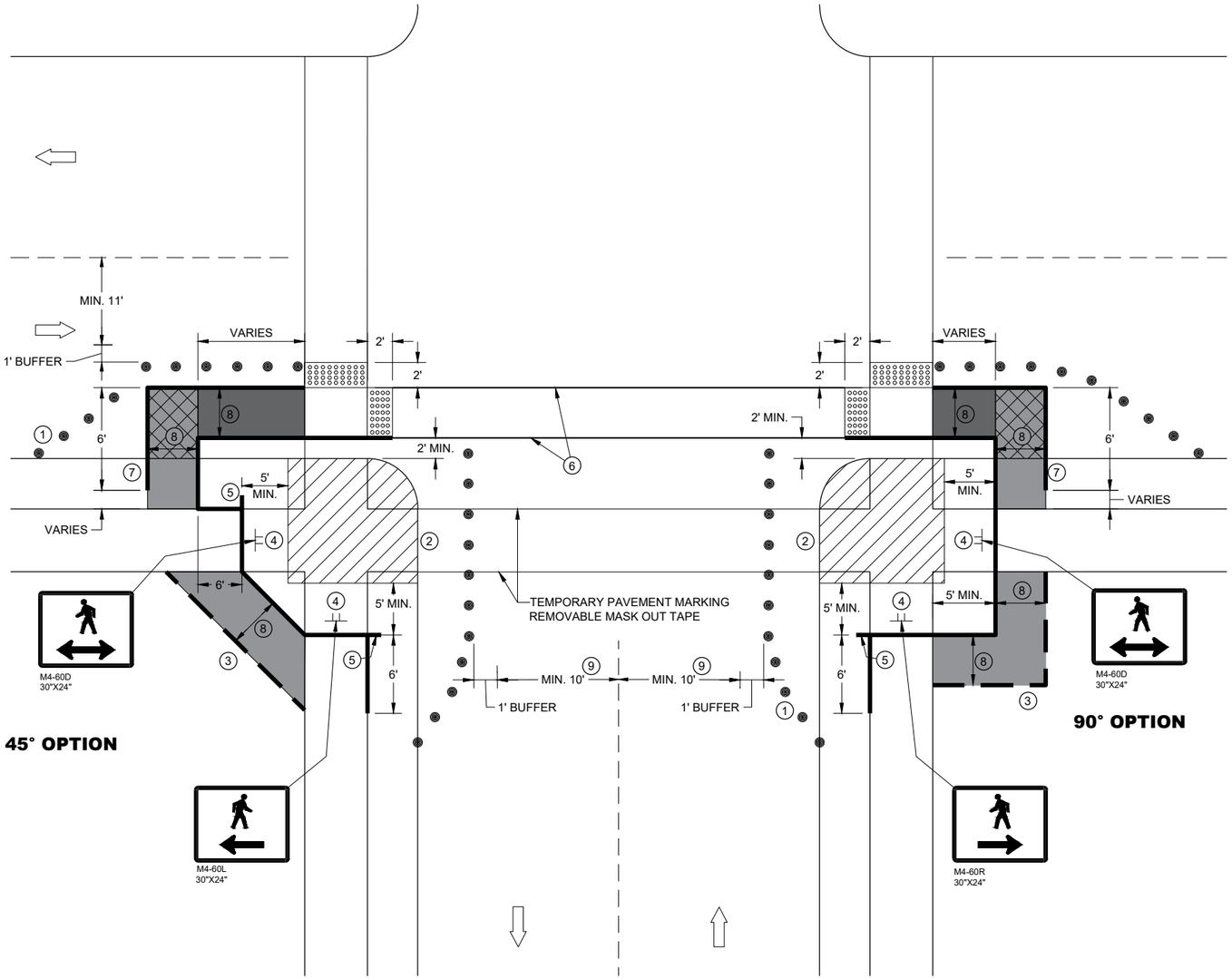
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

SDD 15D30 - 09i

6



CURB RAMP PEDESTRIAN TRAFFIC CONTROL

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. WHITE 6" TEMPORARY PAVEMENT MARKING
7. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
8. 4 FEET MINIMUM, 5 FEET DESIRABLE
9. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

SDD 15D30 - 09j

6

LEGEND

SIGN ON PERMANENT SUPPORT

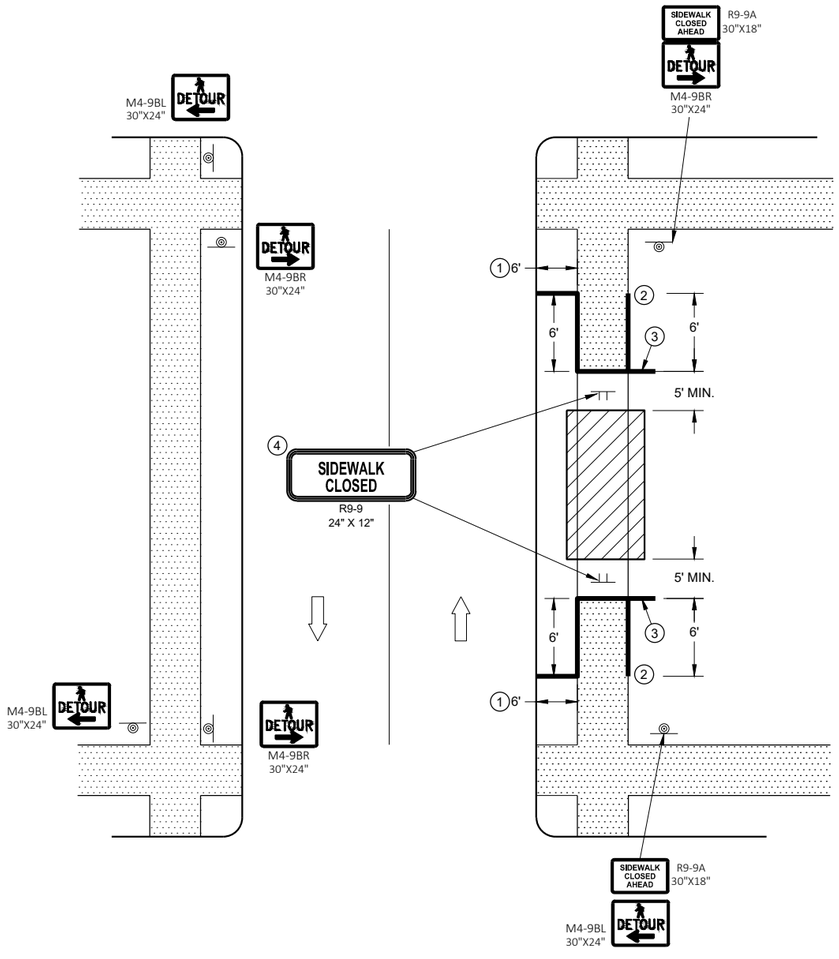
SIGN ON TEMPORARY SUPPORT

UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC



GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

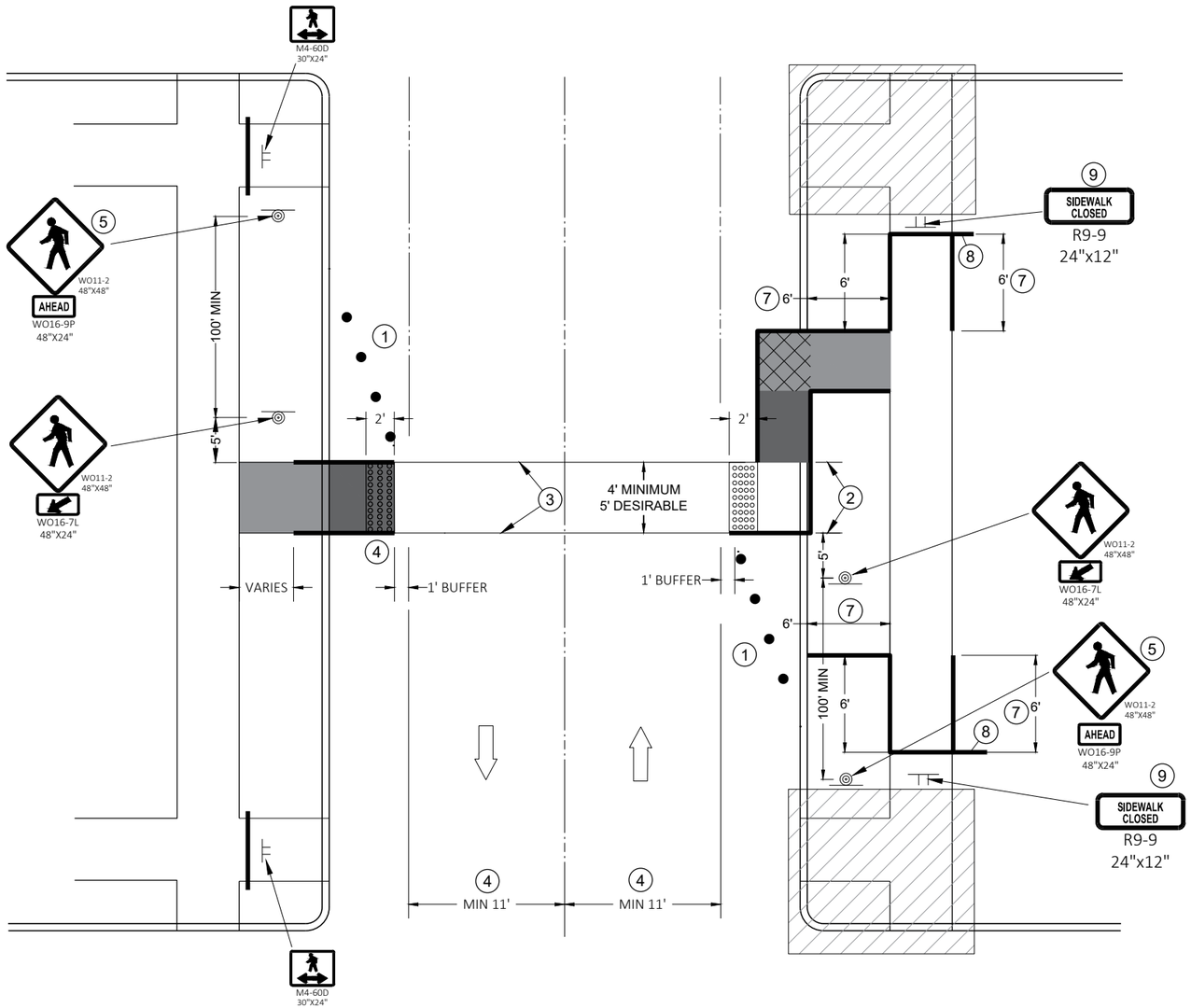
1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

6

SDD 15D30 - 09k

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

(1) SHOULDER OR LANE CLOSURE ADVANCED WARNING AND PROPER BUFFER SPACE REQUIRED.

(2) 4 FEET MINIMUM, 5 FEET DESIRABLE.

(3) WHITE 6" TEMPORARY PAVEMENT MARKING.

(4) IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, PERPENDICULAR CURB RAMPS MAY NEED TO BE UTILIZED.

(5) IF MINIMUM 100' SPACING FROM THE MID-BLOCK CROSSING CANNOT BE ATTAINED BEFORE THE INTERSECTION, REMOVE THIS SIGN ASSEMBLY.

(6) IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.

(7) PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.

(8) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF THE EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.

(9) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF THE SIGN.

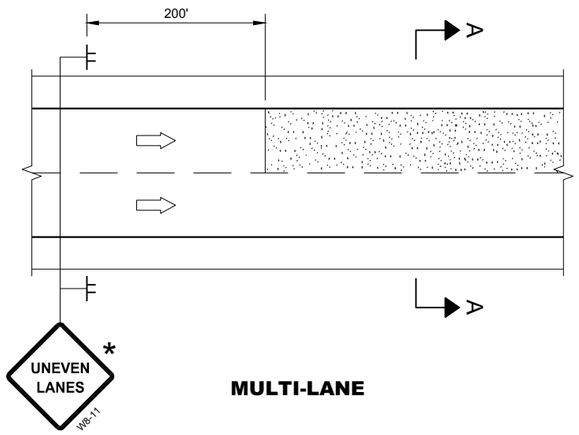
LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

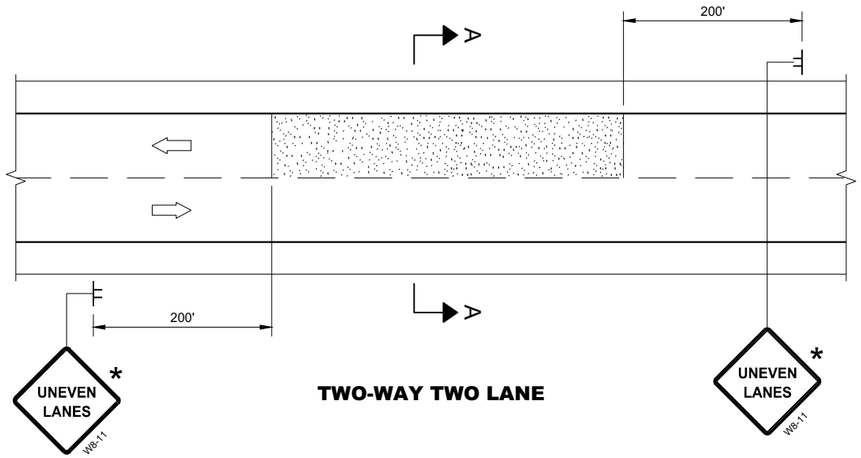
6

SDD 15D30 - 09L

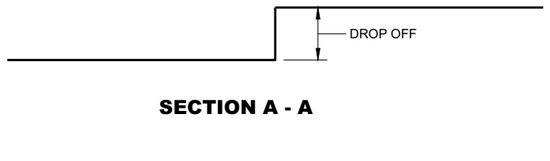
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



MULTI-LANE

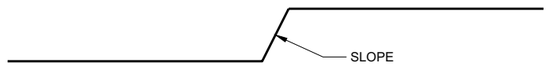


TWO-WAY TWO LANE

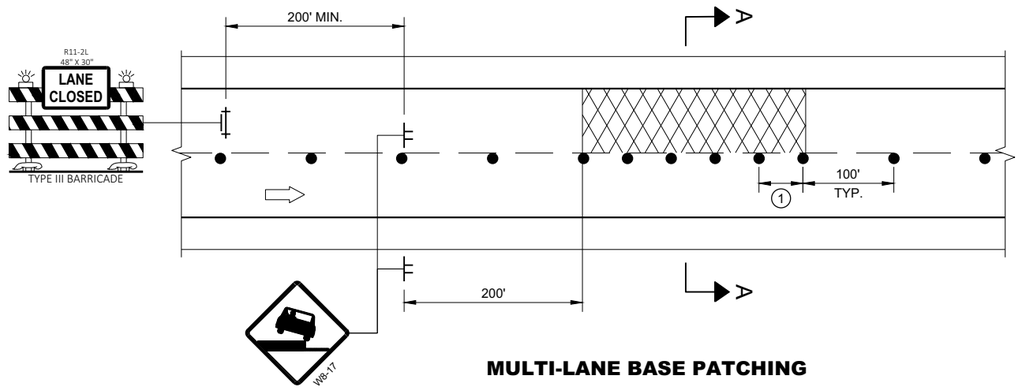


SECTION A - A

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.

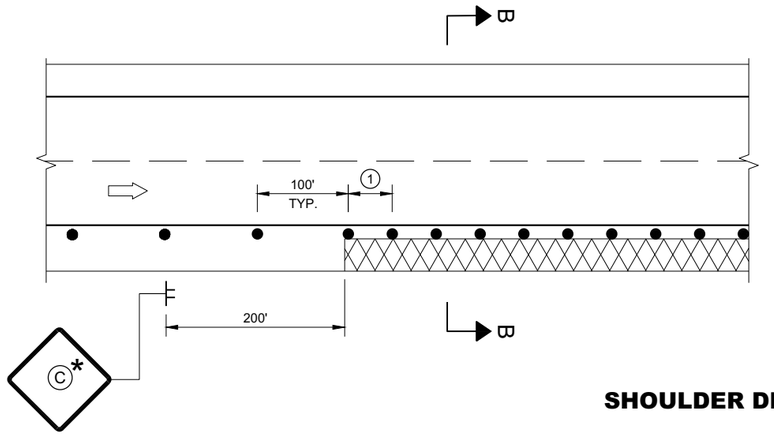
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EVERY ENTRANCE RAMP.

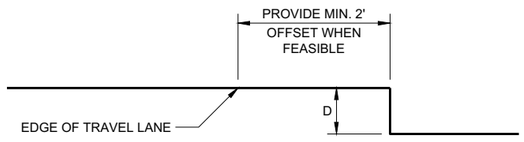
(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

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



SHOULDER DROP-OFFS



SECTION B - B

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

TRAFFIC CONTROL, DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15D39 - 02

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- CONCRETE BARRIER TEMPORARY PRECAST

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)									BUFFER SPACE (B) FEET
		1	2	3	4	5	6	7	8	9	
25	200	5	10	16	21	26	31	36	42	47	55
30	200	8	15	23	30	38	45	53	60	68	85
35	350	10	20	31	41	51	61	71	82	92	120
40	350	13	27	40	53	67	80	93	107	120	170
45	500	23	45	68	90	113	135	158	180	203	220

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR LANE SHIFT LEFT - REVERSE FOR SHIFTING RIGHT.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON ANY "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

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

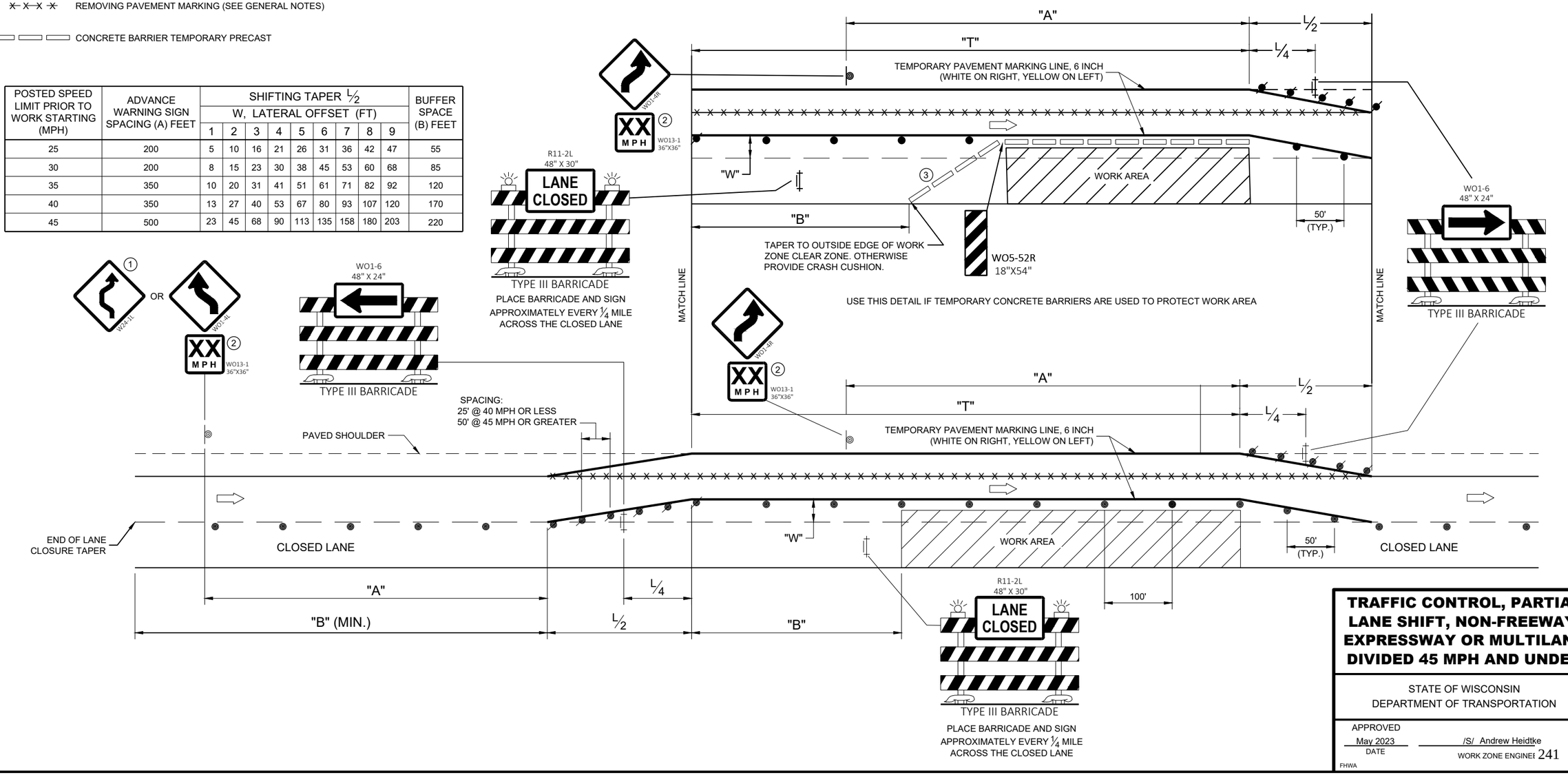
IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE SHIFT OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE SHIFT MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

(1) USE ONLY WHEN T<600', OMIT WO1-4R.

(2) IF NEEDED, USE ONLY IF DESIGN SPEED IS 10 MPH BELOW POSTED SPEED.

(3) BARRIER FLARE RATE: 6:1 @ 40 MPH OR LESS
8:1 @ 45 MPH OR GREATER



TRAFFIC CONTROL, PARTIAL LANE SHIFT, NON-FREEWAY/ EXPRESSWAY OR MULTILANE DIVIDED 45 MPH AND UNDER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D40-05c

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SDD 15D40-05c

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

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

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

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

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

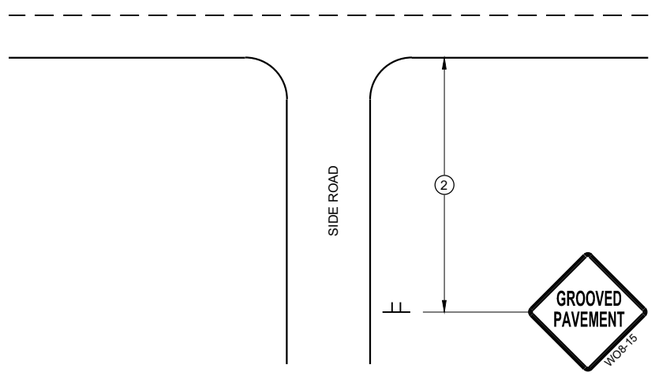
(1) PLACE SIGNS 350' IN ADVANCE OF MILLED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

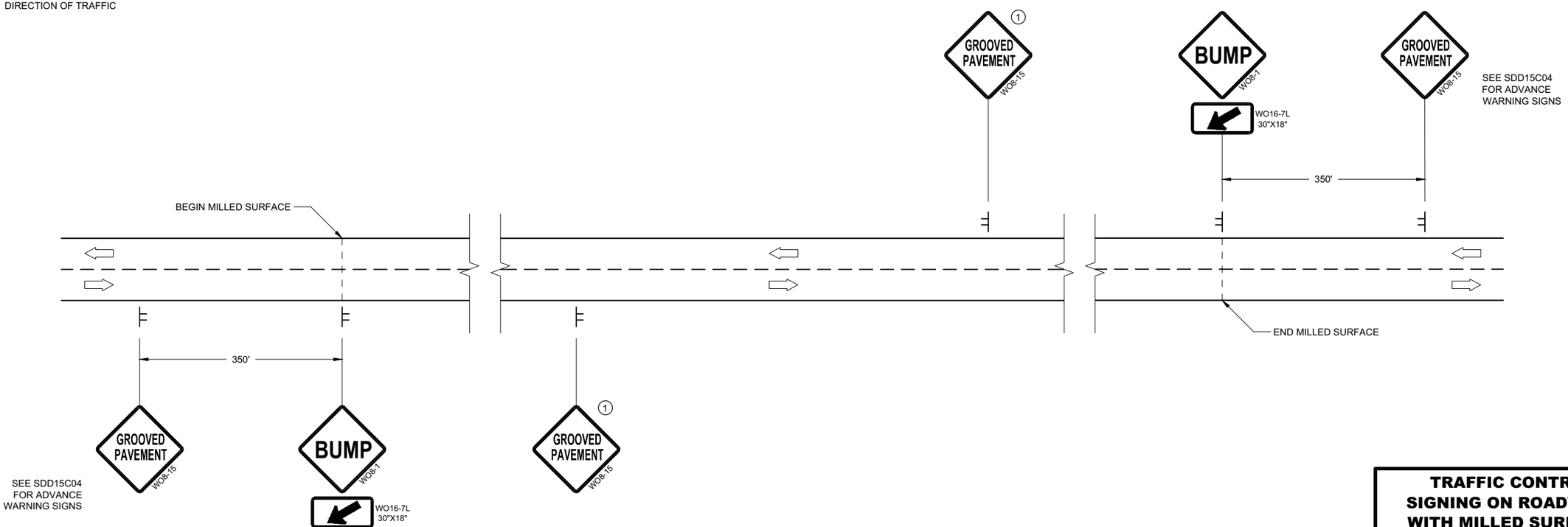
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON MILLED SURFACES

TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6
SDD 15D44 - 02

LEGEND

V1 WORK VEHICLE

V2 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

FLASHING ARROW PANEL (CAUTION)

WORK AREA

DIRECTION OF TRAFFIC

POSTED SPEED PRIOR TO WORK STARTING (MPH)	DECISION SIGHT DISTANCE (D)
0 - 25	550'
30	550'
35	700'
40	700'
45	900'
50	900'
55	1200'

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

MOBILE IS WORK THAT MOVES CONTINUOUSLY OR MOVES AT LEAST THE DECISION SIGHT DISTANCE EVERY 15 MINUTES.

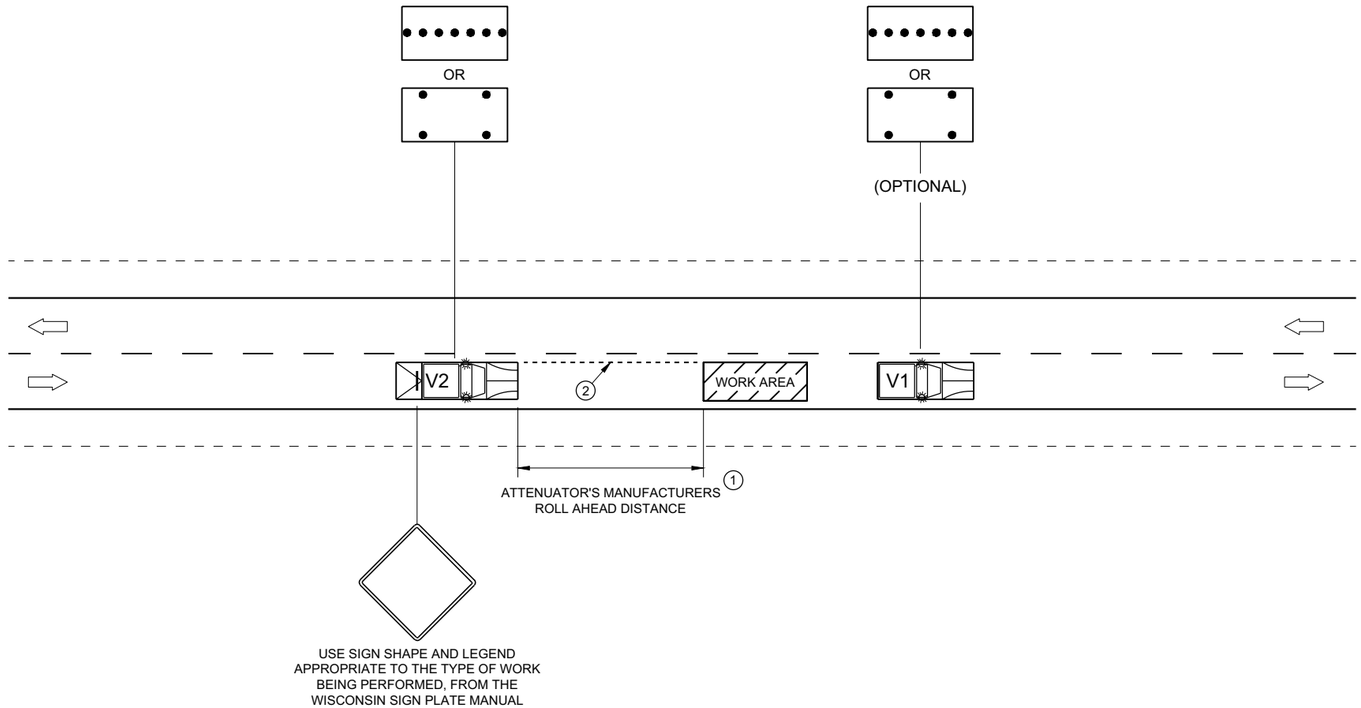
ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL ARROW PANELS SHALL BE REAR FACING, TYPE "B" OR "C", AND DISPLAYING THE FLASHING CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

(1) DISTANCE BETWEEN VEHICLES MAY INCREASE FROM THE ATTENUATOR'S ROLL AHEAD BASED ON TERRAIN, SIGHT DISTANCE, 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 OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

(2) ALIGN LEFT SIDE OF SHADOW VEHICLE WITH EDGE OF WORK AREA.



TRAFFIC CONTROL, MOBILE OPERATIONS ON AN UNDIVIDED ROADWAY

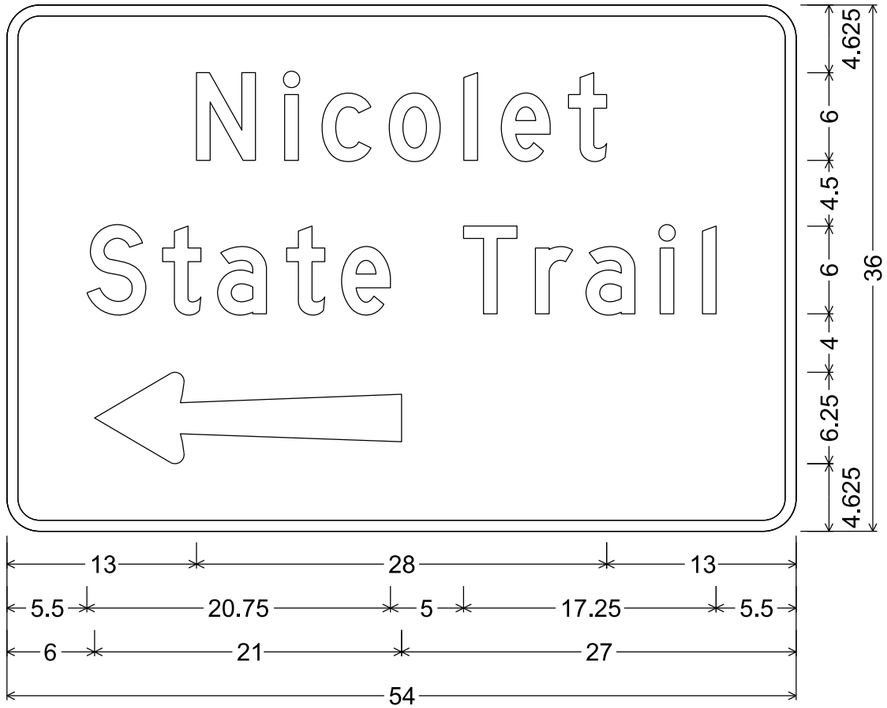
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021 — DATE
/S/ Andrew Heidtke — STATEWIDE WORK ZONE T SAFETY ENGINEER
FHWA

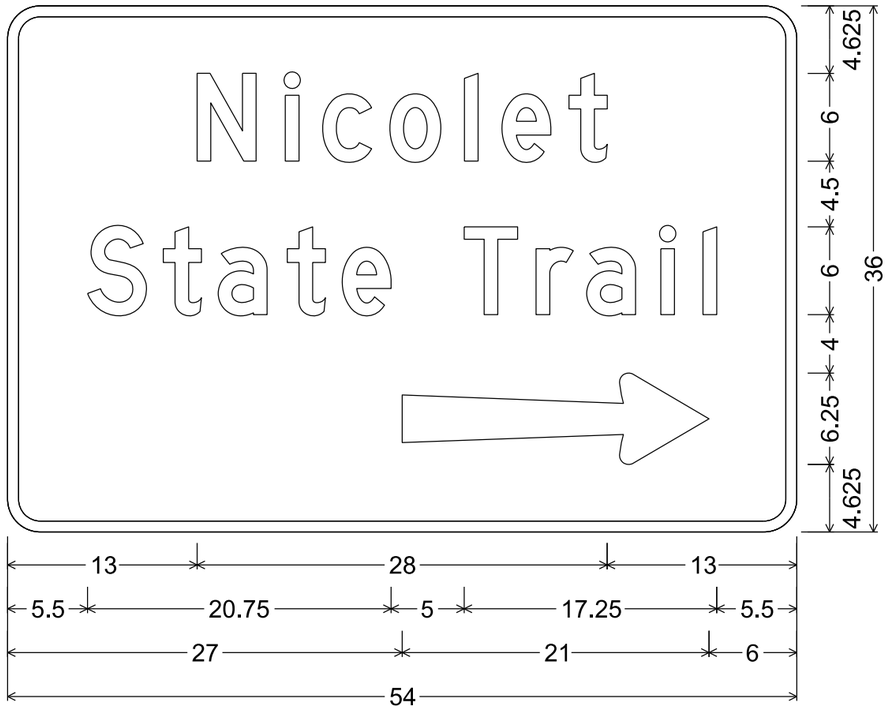
6
SDD 15D51 - 01

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Brown
   Message - White
3. Message Series - D



D7-95; 2.250" Radius, 0.750" Border



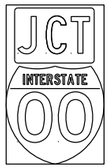
D7-95; 2.250" Radius, 0.750" Border

7

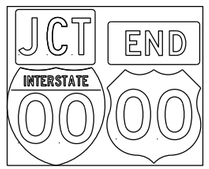
7

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	PERMANENT SIGNING	SHEET NO: 244	E

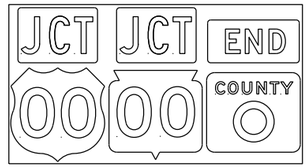
TYPICAL ASSEMBLIES



J1-1



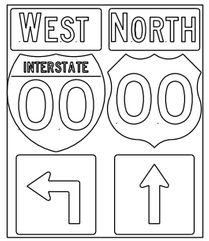
J1-2



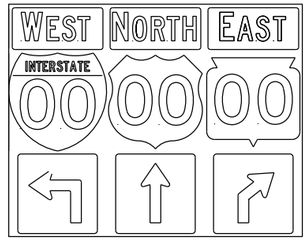
J1-3

JR1-1

J2-1

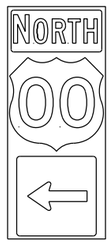


J2-2

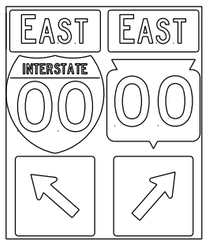


J2-3

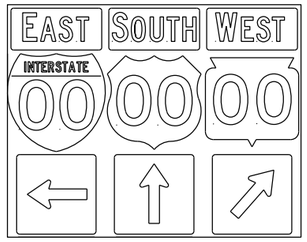
JV
(Typical Vertical J-Assembly
See Note 10 and 11)



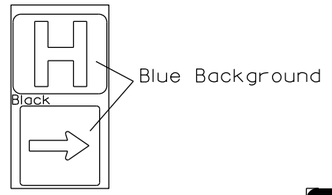
J3-1



J3-2

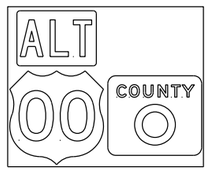


J3-3

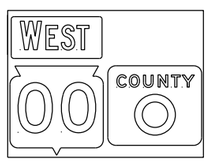


JH-1

J4-1

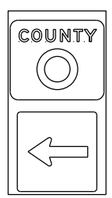


J4-2



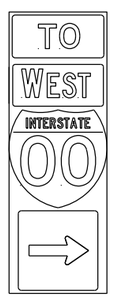
J4-2

J12-1



J13-1

J32-1



J33-1

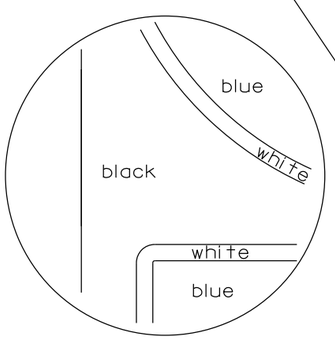
J22-1

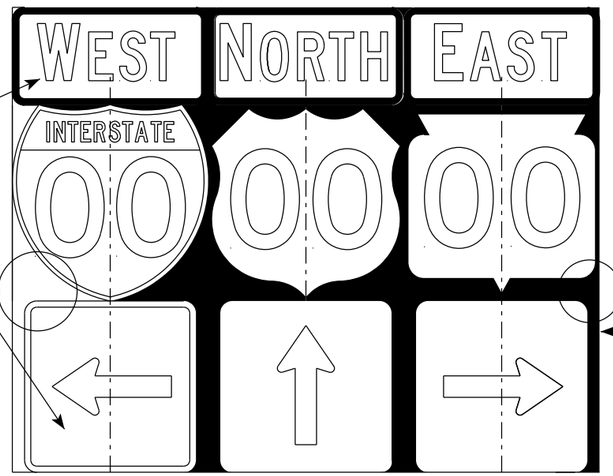
J23-1

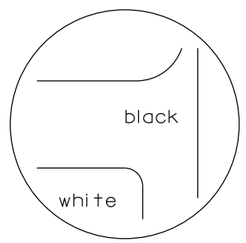
JR13-1

JR23-1

JR99-1







black background

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Black Non-reflective
   Message - see Note 5
3. Message Series - See Note 5
4. Corners shall be square or rounded if base material is plywood. If base material is metal the corners shall be rounded.
5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
8. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
10. All Vertical J Assemblies are given a Sign Code of JV
11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/21 PLATE NO. A2-1S.9

PROJECT NO:

SHEET NO: 245 E

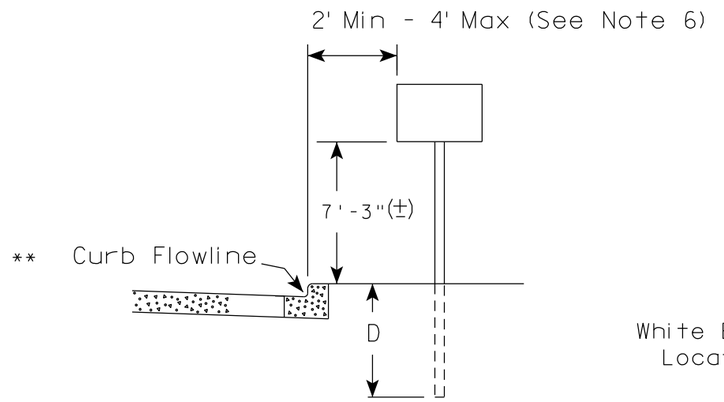
FILE NAME : C:\CAEfiles\Projects\tr_stdplate_A21S.dgn PLOT DATE : 18-MAR 2021 1:37 PLOT BY : mscj9h PLOT NAME :

WISDOT/CADDS SHEET 42

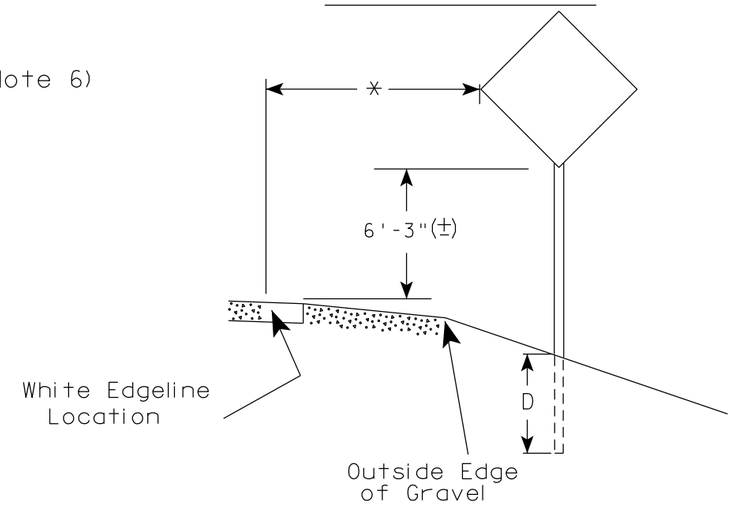
7

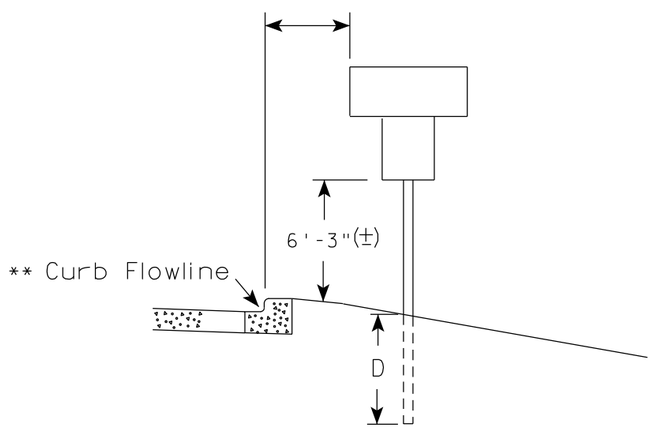
7

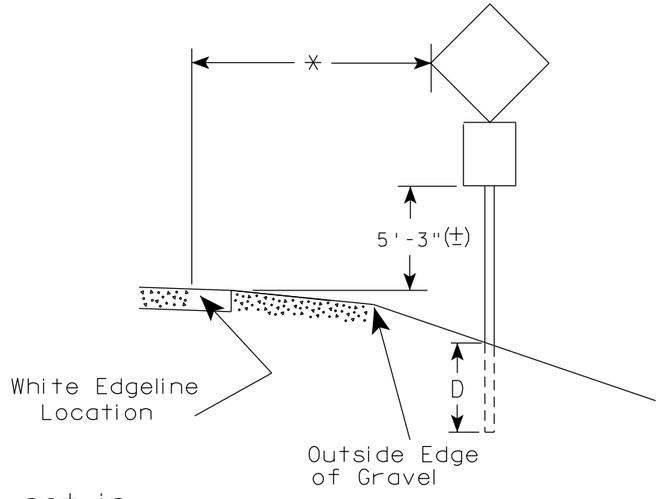
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

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

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. The (±) tolerance for mounting height is 3 inches.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.

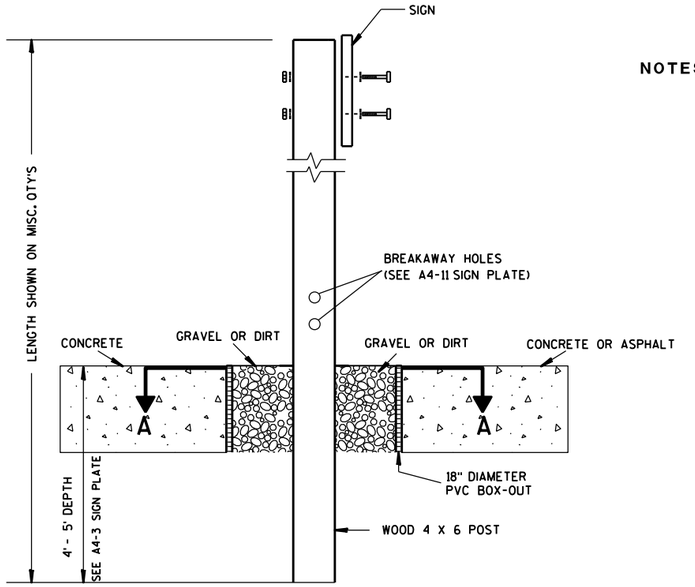
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/13/2020 PLATE NO. A4-3.22

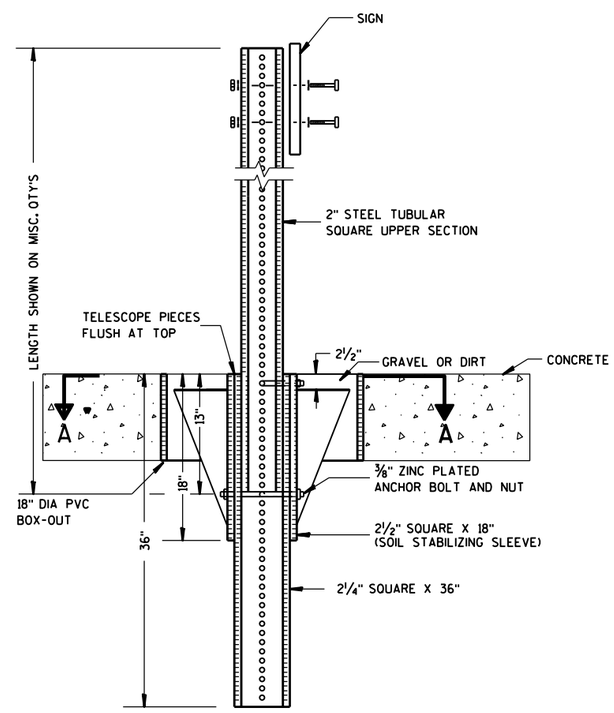
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 246	E



ELEVATION VIEW

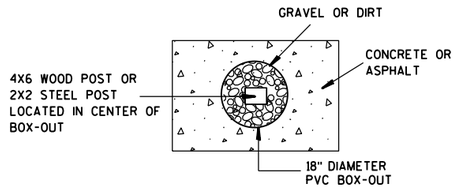
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

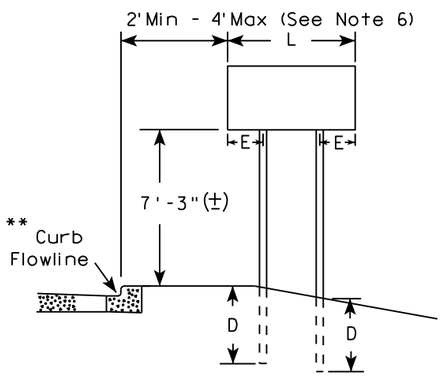
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

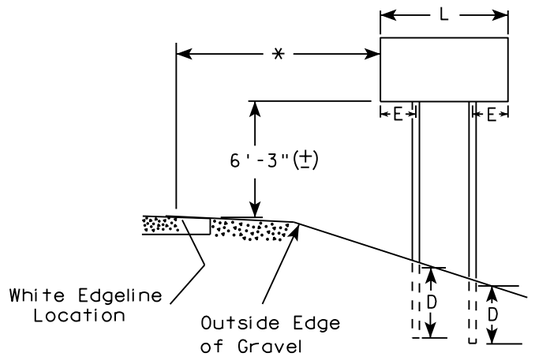
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

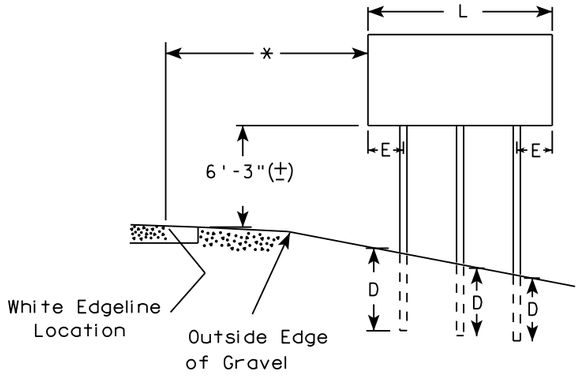
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

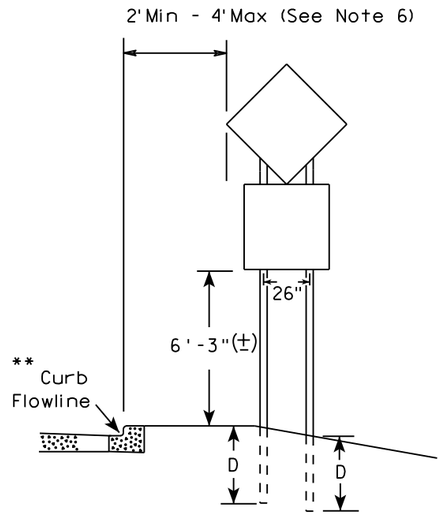
URBAN AREA



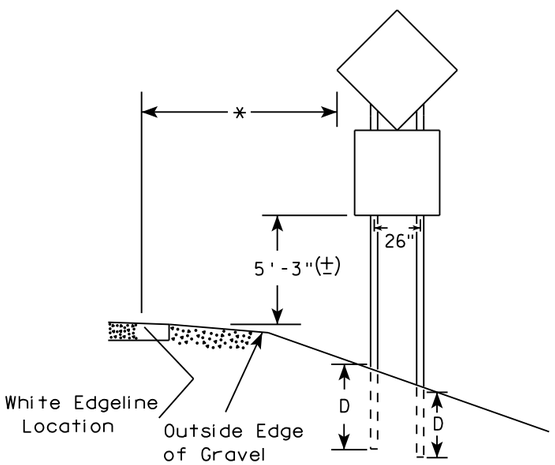
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

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

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

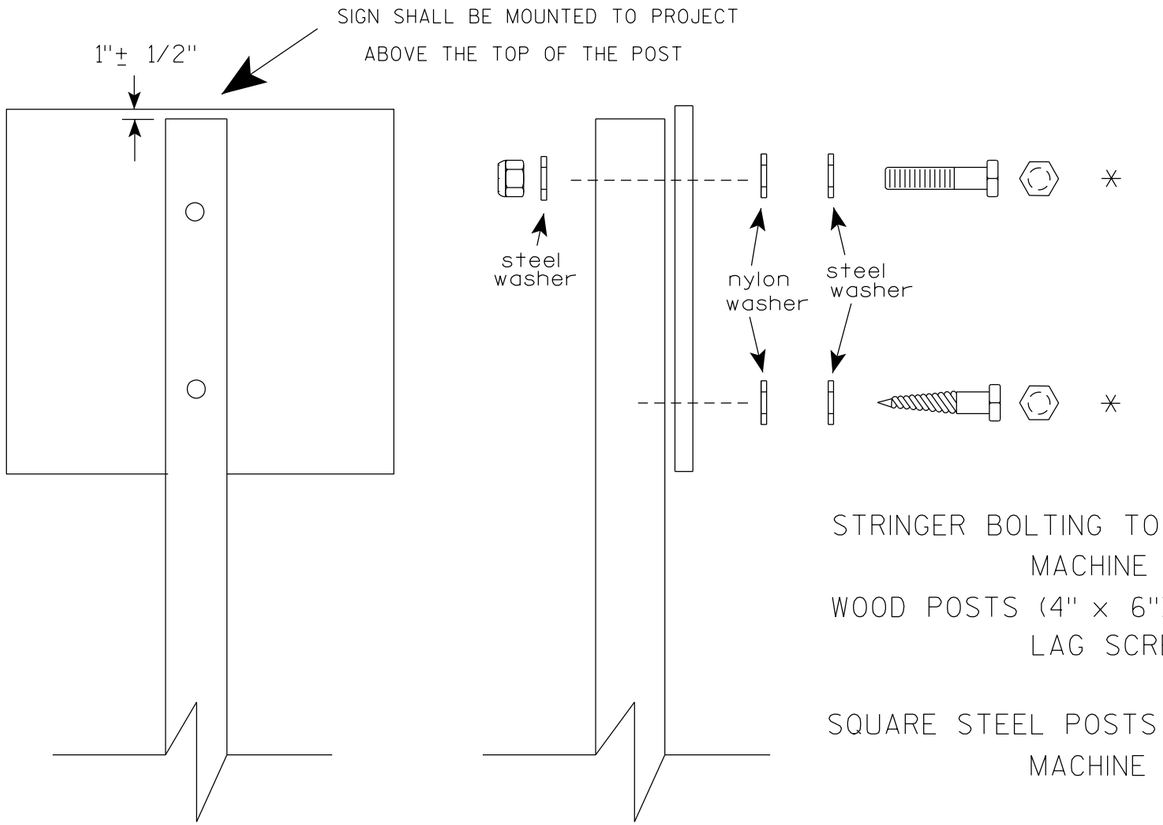
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

7

7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 248 | E



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

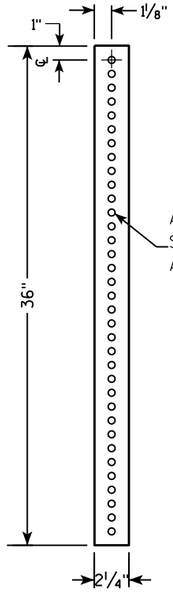
DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

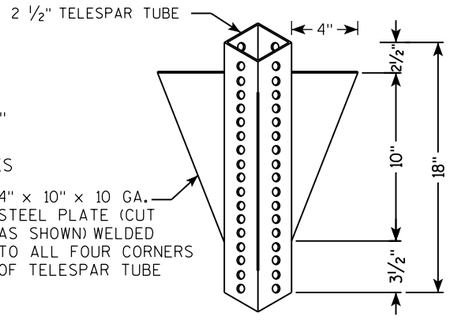
SHEET NO: 249 E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

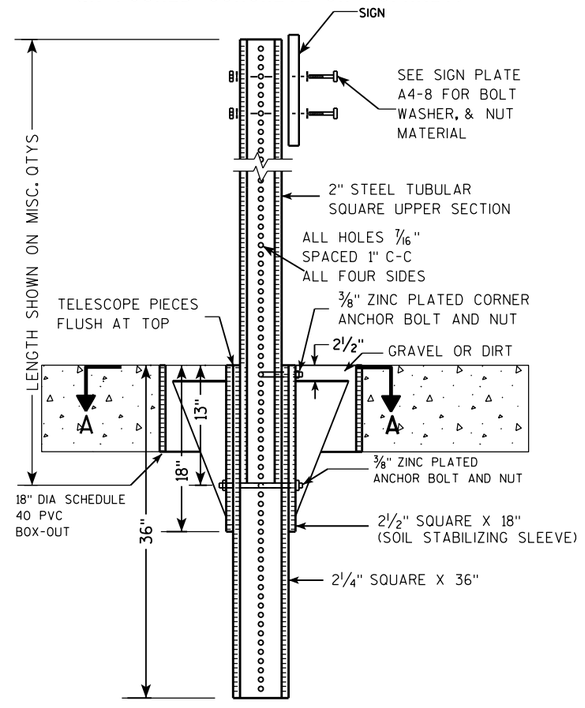
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



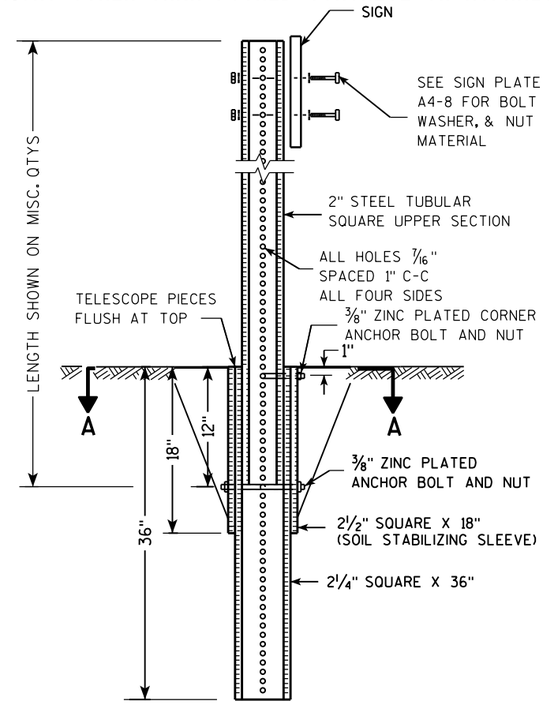
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

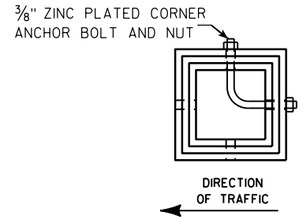


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

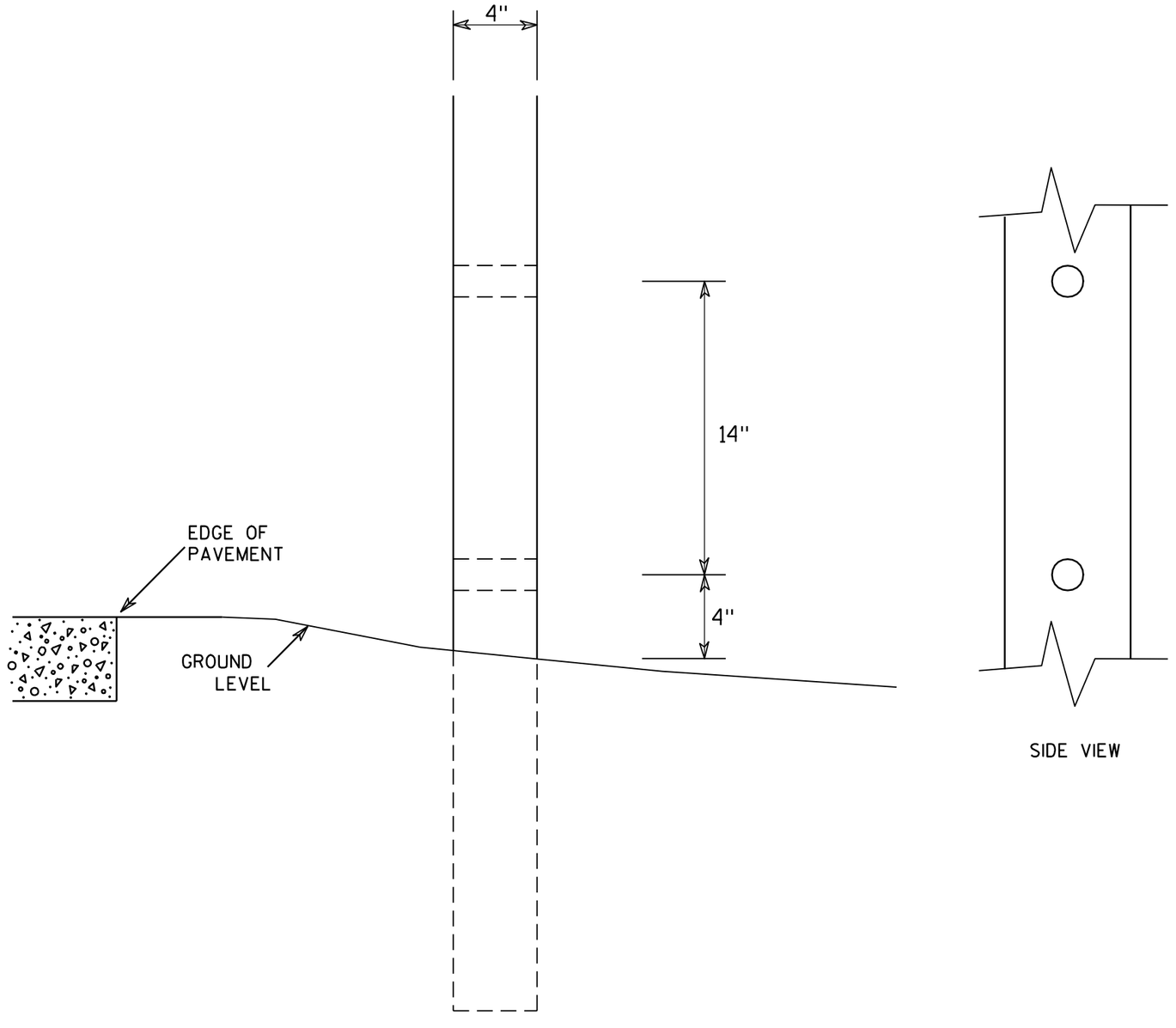
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 250 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000

WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

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

7

7

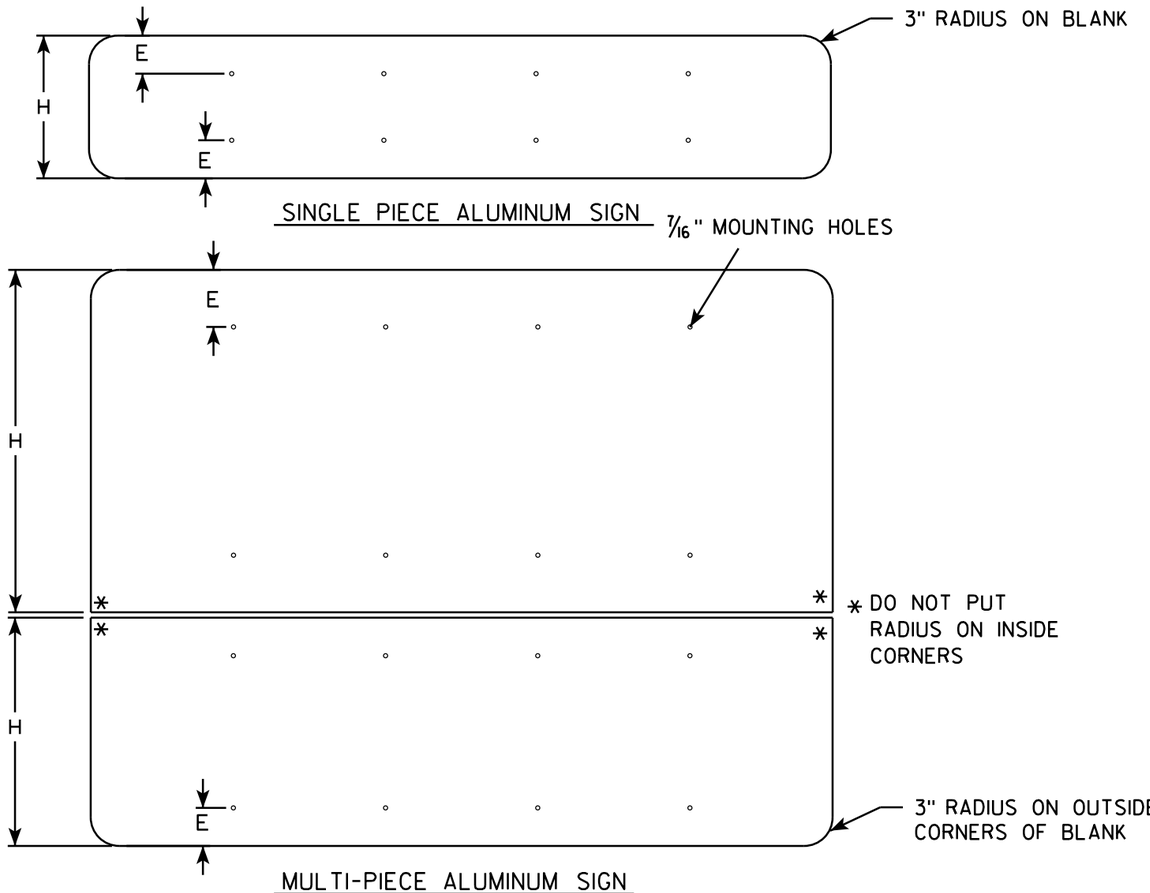
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang
for State Traffic Engineer

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

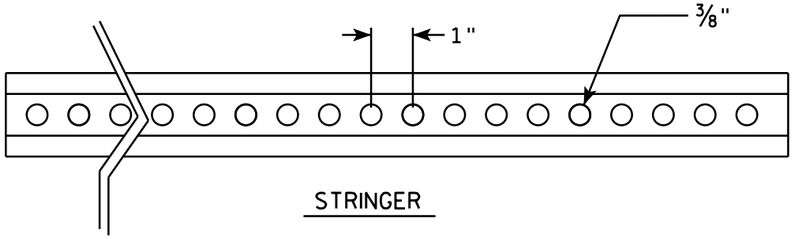
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 251	E



GENERAL NOTES

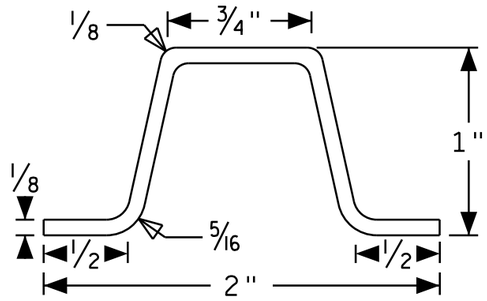
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE 7/16" DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES
78"	72"	2	16"	15" 31" 47" 63"
84"	72"	2	17"	16½" 33½" 50½" 67½"
90"	72"	2	18"	18" 36" 54" 72"
96"	90"	2	19"	19½" 38½" 57½" 76½"
102"	90"	2	20"	21" 41" 61" 81"
108"	90"	2	21"	22½" 43½" 64½" 85½"
114"	108"	3	15"	12" 27" 42" 57" 72" 87" 102"
120"	108"	3	16"	12" 28" 44" 60" 76" 92" 108"
126"	108"	3	17"	12" 29" 46" 63" 80" 97" 114"
132"	126"	3	18"	12" 30" 48" 66" 84" 102" 120"
138"	126"	3	19"	12" 31" 50" 69" 88" 107" 126"
144"	126"	3	20"	12" 32" 52" 72" 92" 112" 132"

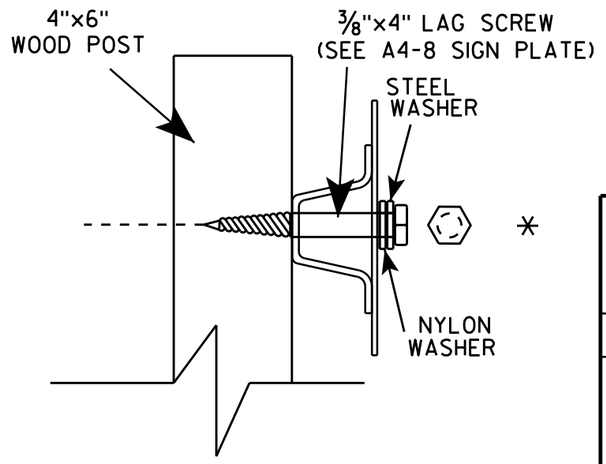


STRINGER

CROSS SECTION VIEW OF CHANNEL



POST MOUNTING



SIGN STRINGER MOUNTING REQUIREMENTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

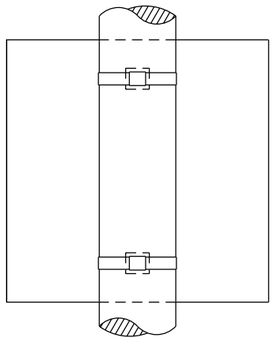
DATE 4/26/16 PLATE NO A4-18.1

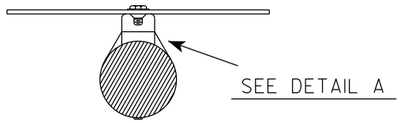
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

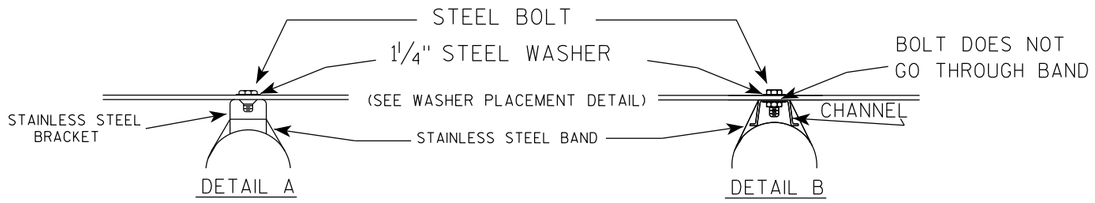
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A418.dgn PLOT DATE : 27-APR-2016 13:56 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 41.805205:1.000000 WISDOT/CADDS SHEET 42

BANDING

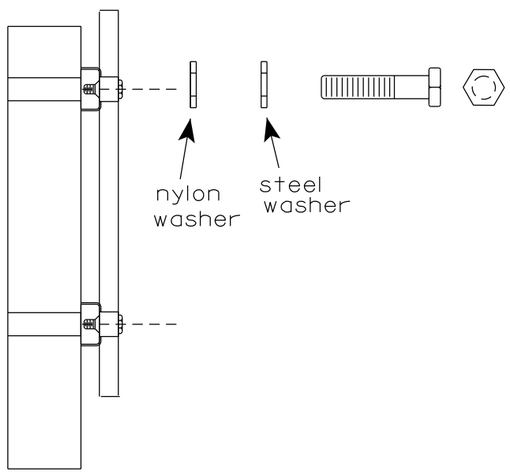
SINGLE SIGN







WASHER PLACEMENT

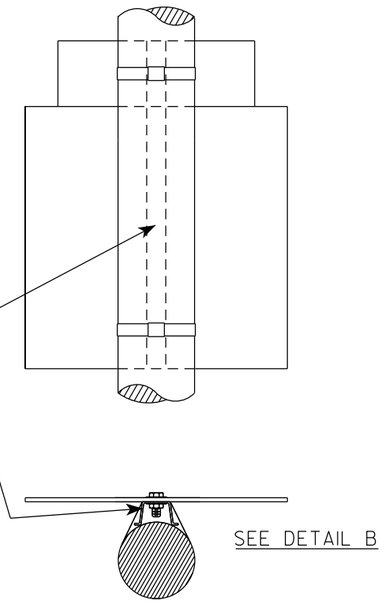


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

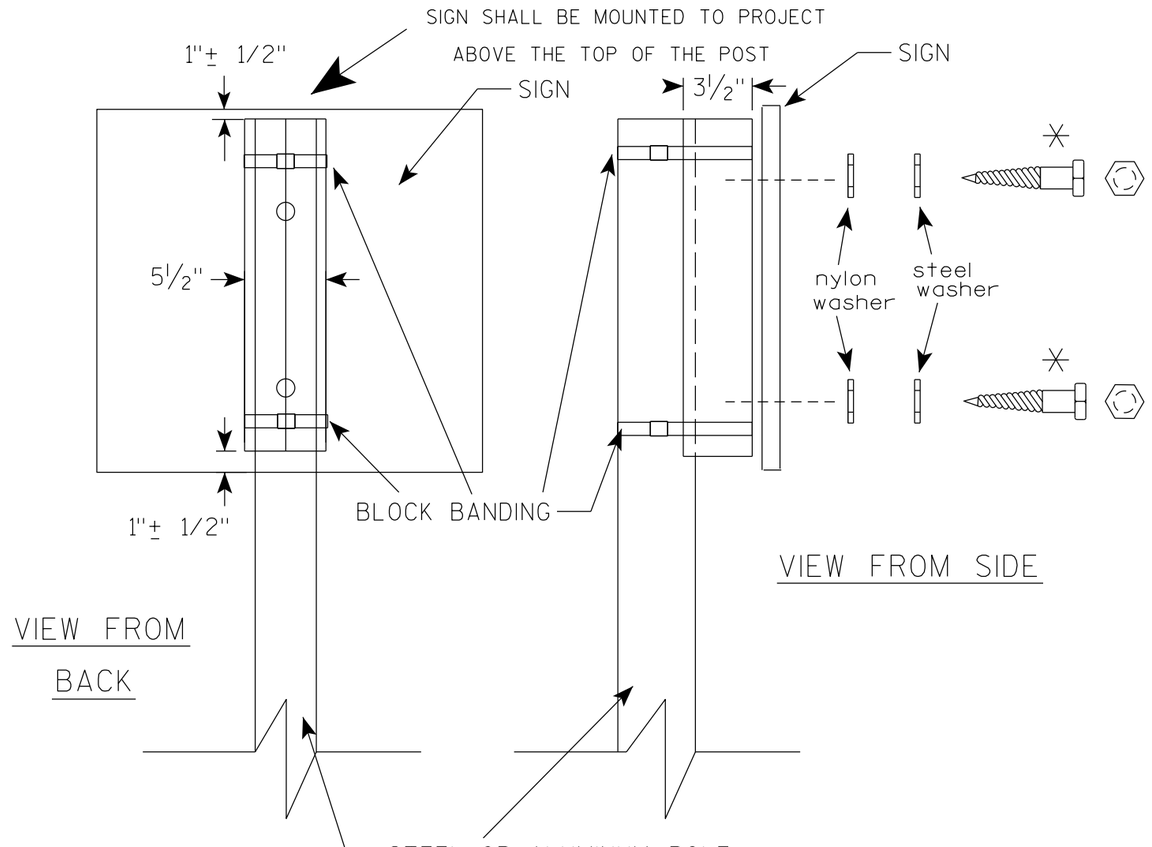
DATE 6/10/19 PLATE NO. A5-9.4

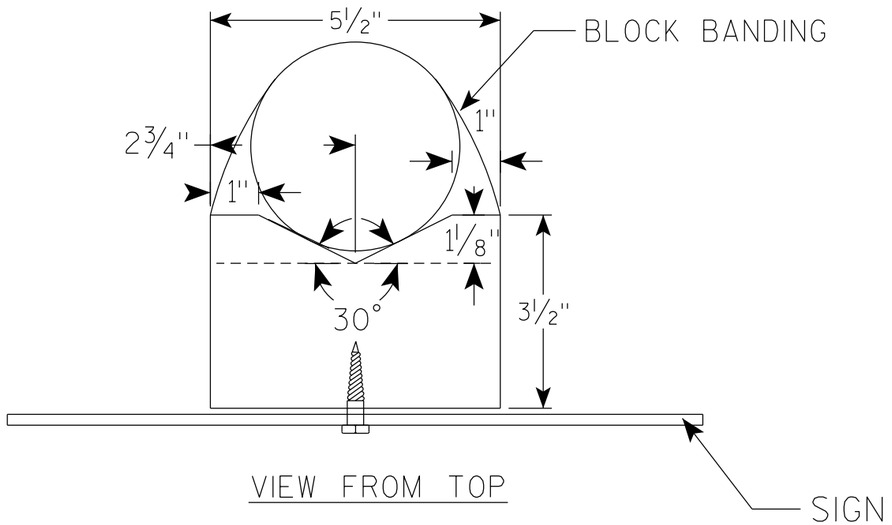
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 253	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

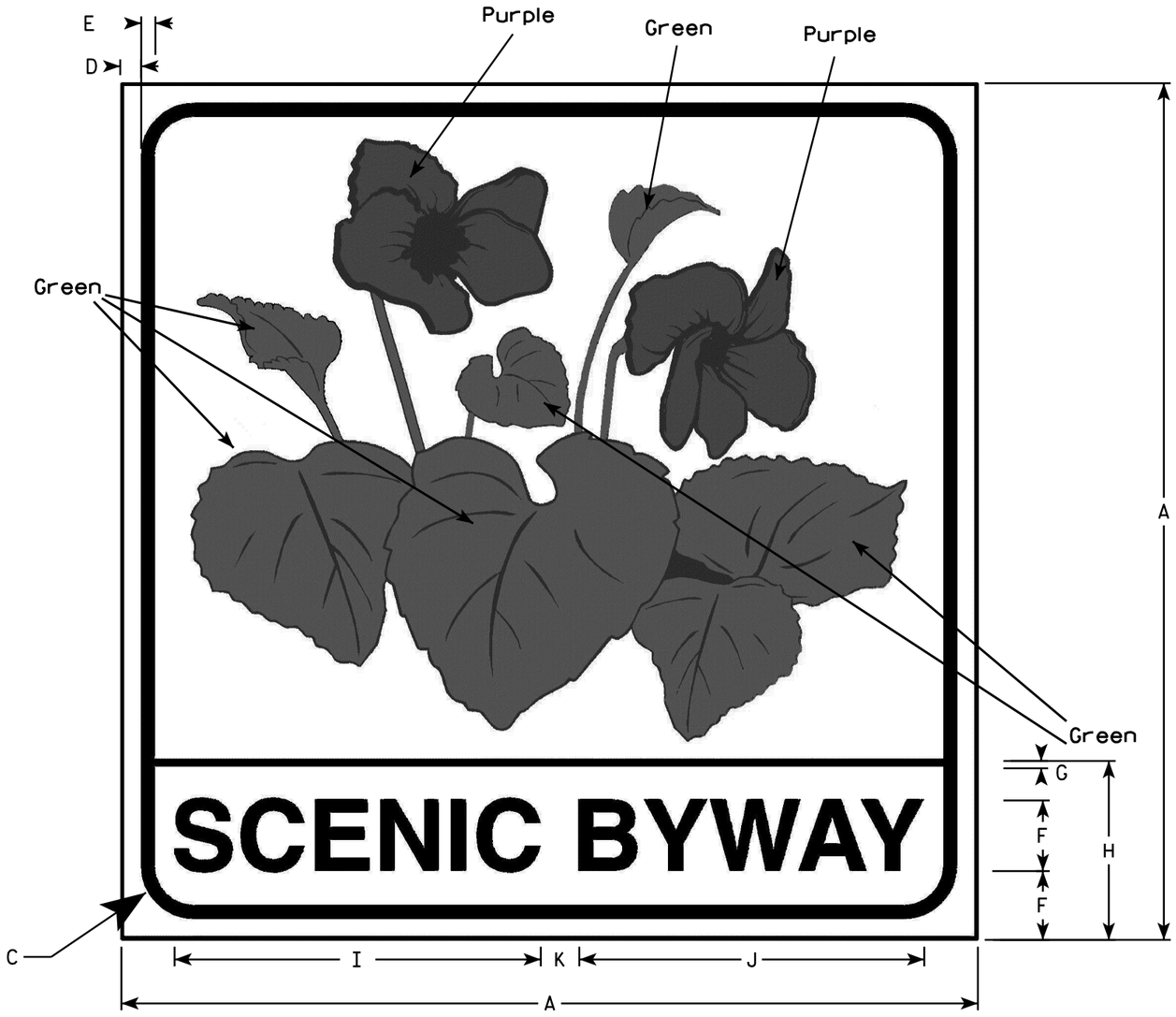
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 254 E



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black Except as noted
   Border of Leaves and Flowers is Black
3. Message Series - Special
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. Contact WisDOT with any questions.

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.	Area m2
1																												
2	24		1 1/2	5/8	3/8	2	1/4	5	10 1/4	9 5/8	1 1/8																4.0	.36
3																												
4	36		4	7/8	5/8	3	1/4	7 1/2	15 3/8	14 1/2	1 5/8																9.0	.81
5																												

STANDARD SIGN
D6-4S

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 10/05/09 PLATE NO. D6-4S.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 255	E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\D64S.dgn PLOT DATE : 05-OCT-2009 13:37 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 5.959043:1.000000

WISDOT/CADDS SHEET 42

7

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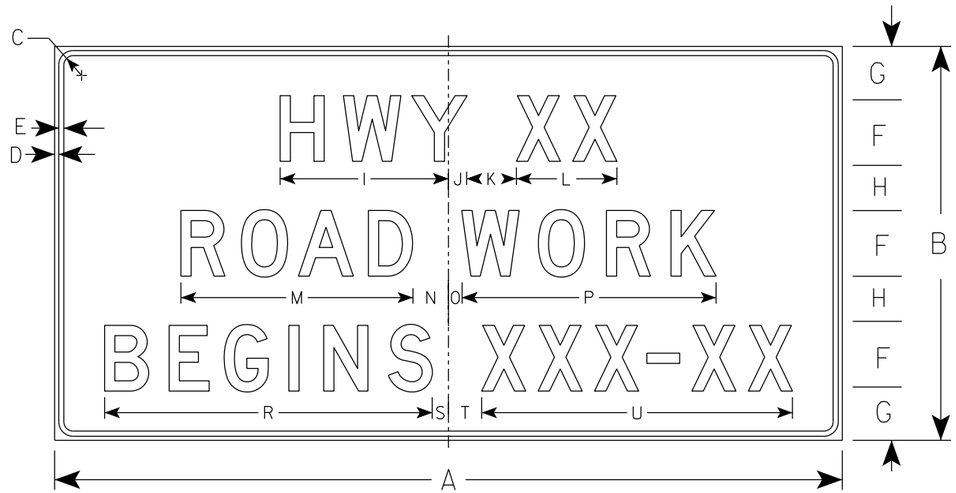
NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Substitute appropriate numeral and adjust spacing to achieve proper balance.



G20-57

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3	72	36	1 1/8	1/2	5/8	6	5	4	15 5/8	1 5/8	5	9 1/4	21 1/4	3 1/2	1 1/2	23 1/4		29 7/8	1 3/4	3 1/4	28 1/2						18.0
4	96	48	2 1/4	3/4	1	8	6 1/2	5 1/2	20 5/8	2 1/4	6	12 1/4	28 1/4	4 3/8	1 5/8	31		39 1/4	2	4	37 7/8						32.0
5																											

STANDARD SIGN
G20-57

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/22/19 PLATE NO. G20-57.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 256 | E

7

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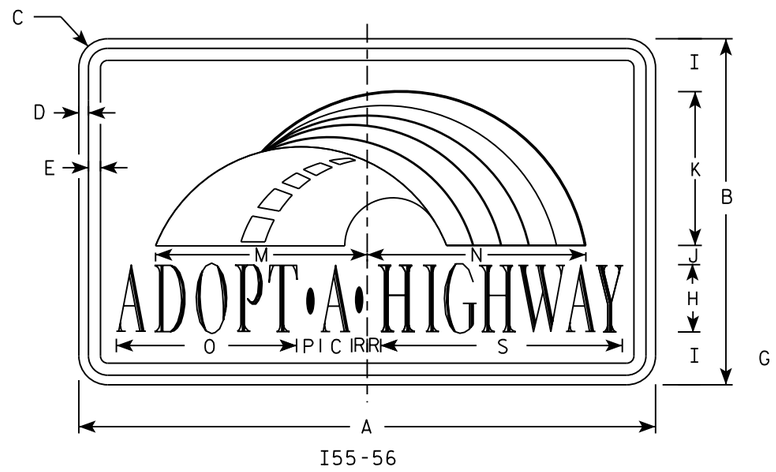
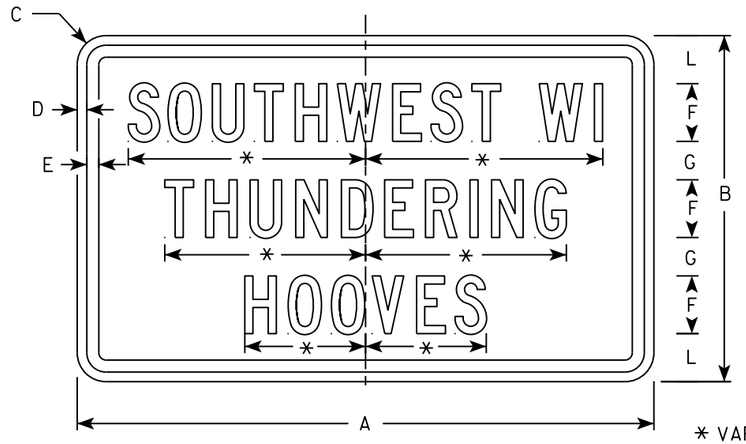


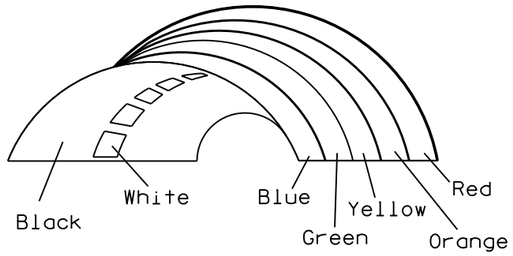
I55-56



I55-56P

* VARIES

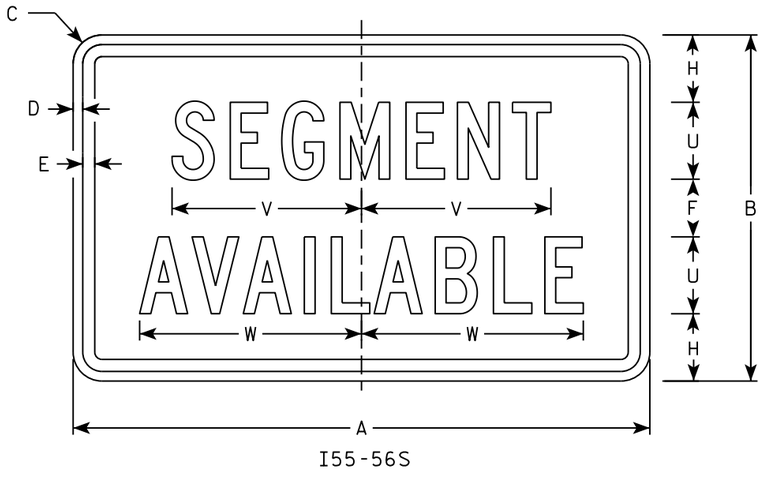
Background Colors of Symbol*



*1/4" Black Border between each color of rainbow and border of rainbow

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - (See Note 4)
3. Message Series - (See Note 5)
4. Border - Blue
   Adopt a Highway - Red
   All other Text - Blue
5. Adopt a Highway - Dutch 8011L
   All other Text - Series C
6. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.



I55-56S

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	30	18	1 1/2	1/2	5/8	3	2	3 1/2	2 3/4	1	8	2 1/2	11 1/4	11 1/8	9 3/8	1 1/4		3/4	12 5/8	7 1/2	4	9 7/8	11 1/2				3.75
3																											
4																											
5																											

STANDARD SIGN
I55-56

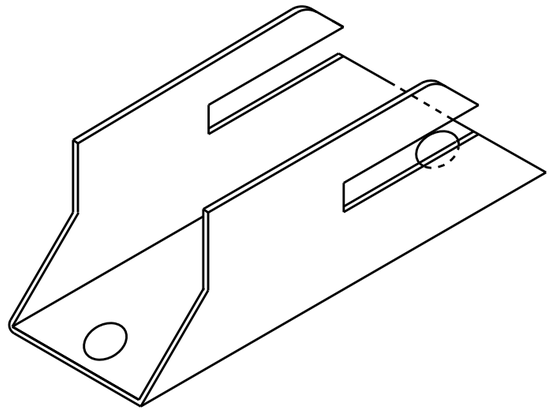
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

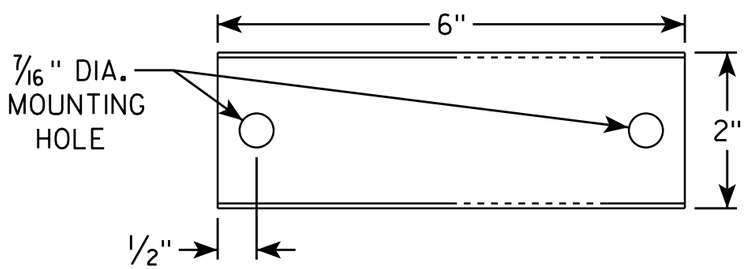
DATE 2/20/18 PLATE NO. I55-56.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 257 | E

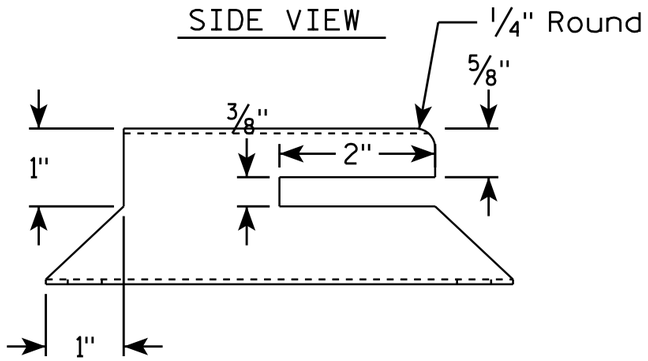
ISOMETRIC VIEW



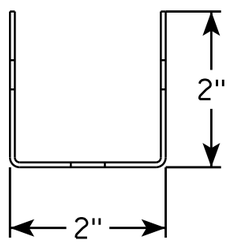
TOP VIEW



SIDE VIEW



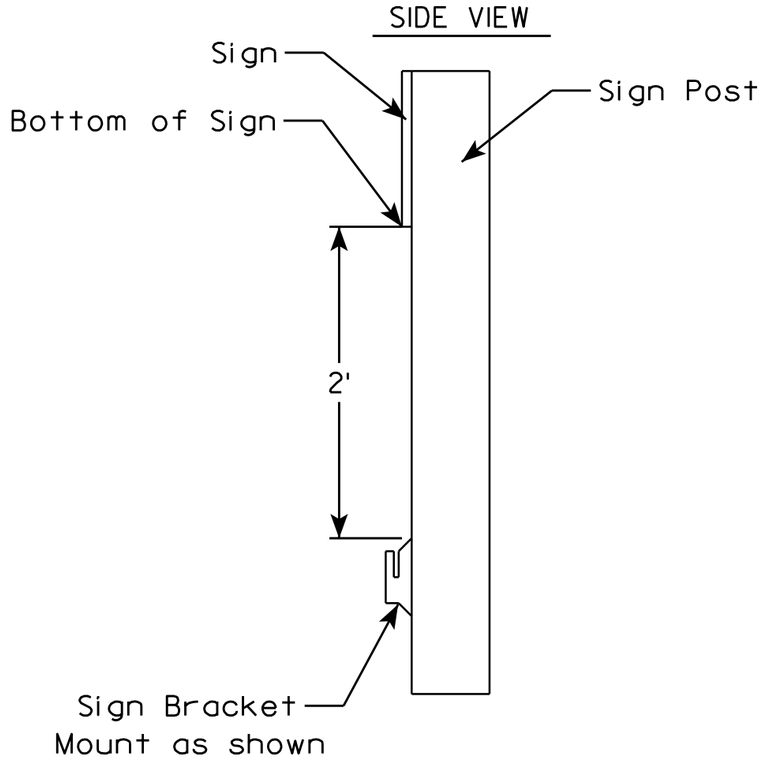
END VIEW



NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

SIDE VIEW



ROLLUP SIGN BRACKET
I55-56B

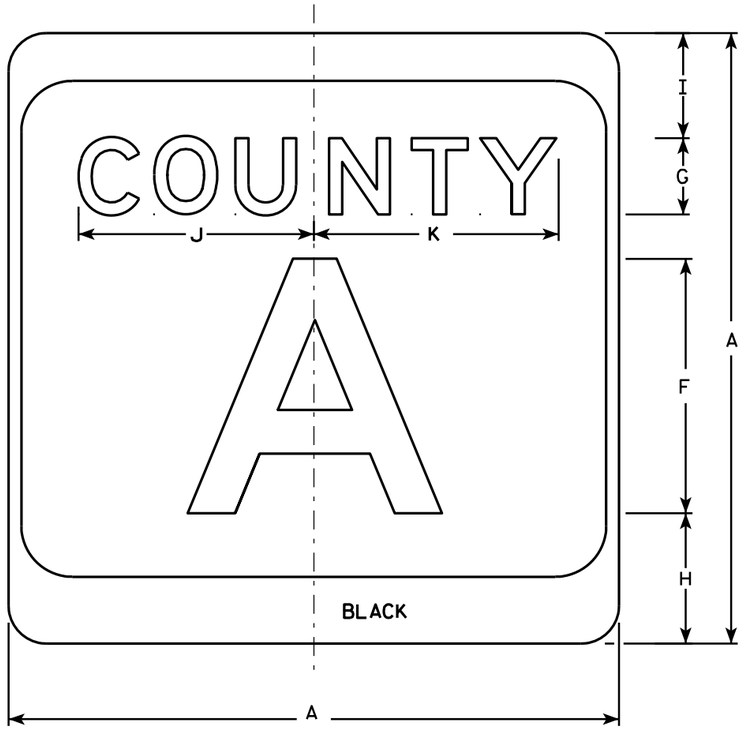
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

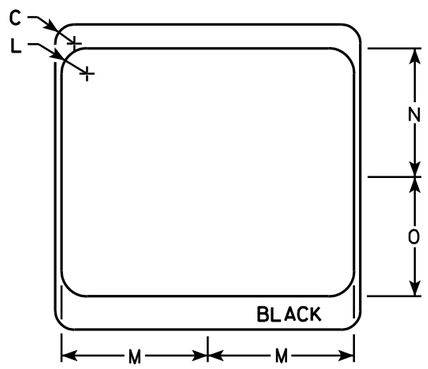
DATE 4/26/16 PLATE I55-56B.2

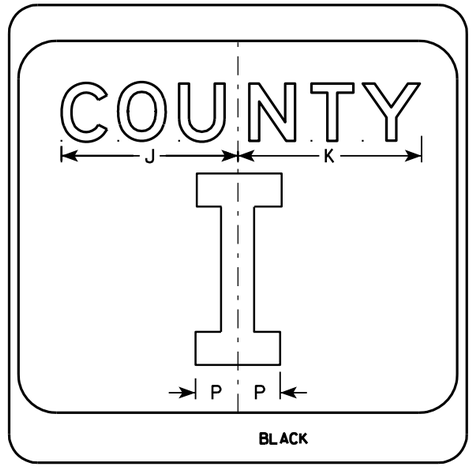
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

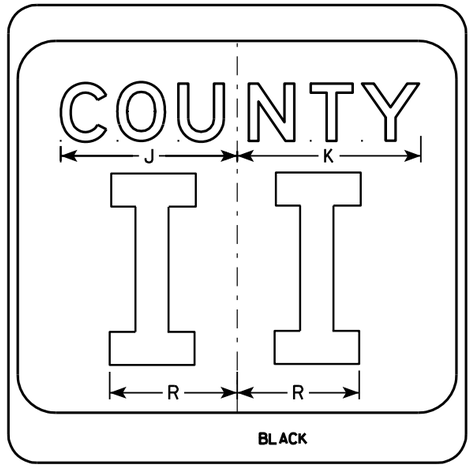
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\I5556B.DGN PLOT DATE : 26-APR-2016 17:29 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 1.945842:1.000000
WISDOT/CADDS SHEET 42



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

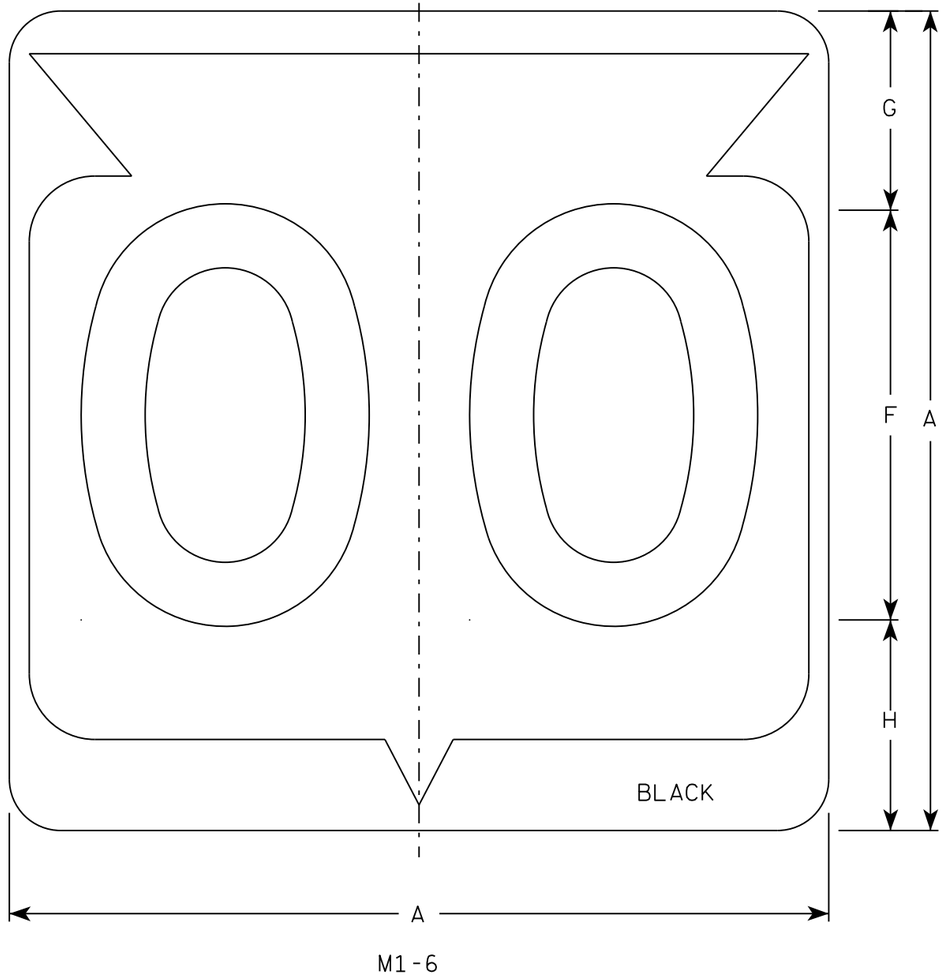
CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

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

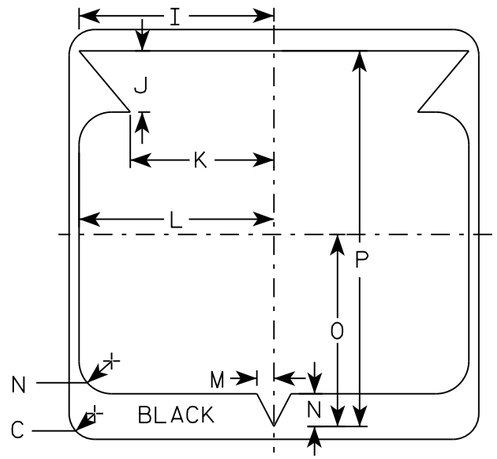
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 259	E



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

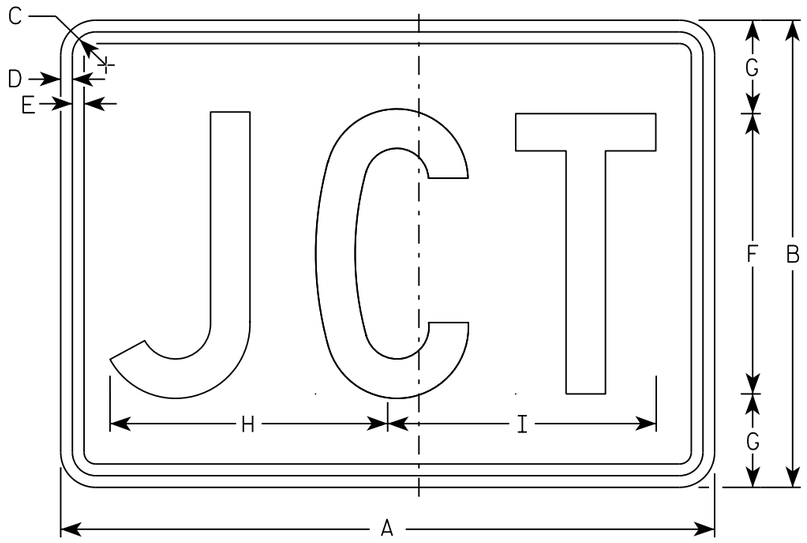
STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

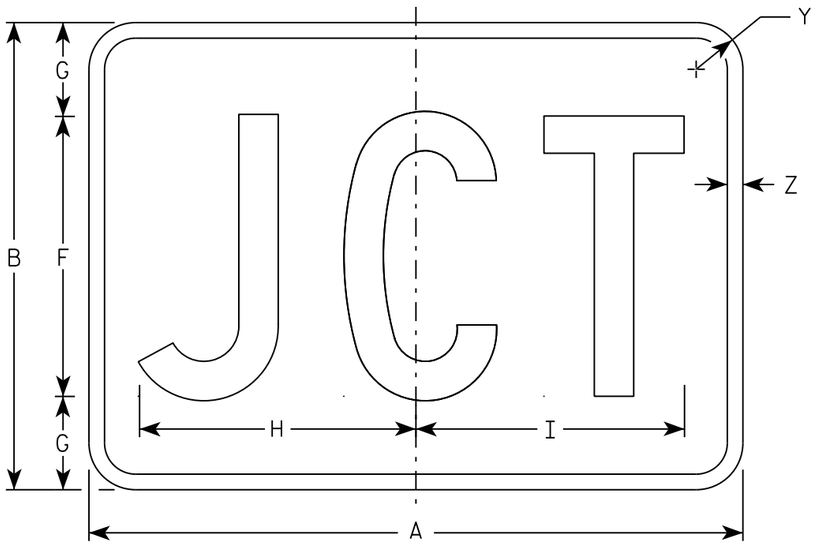
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/18 PLATE NO. M1-6.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 260 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

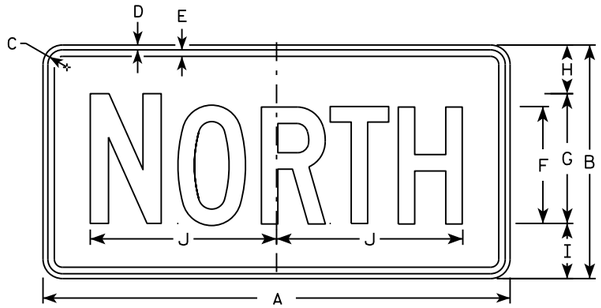
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

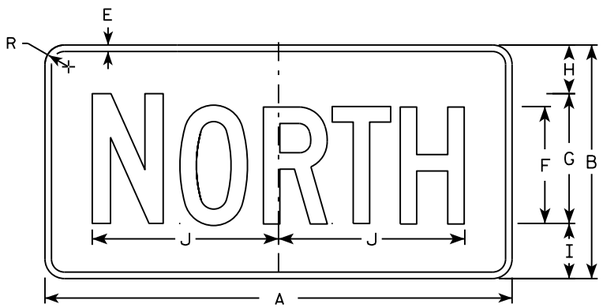
DATE 10/15/15 PLATE 261 12-1.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M21.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 4.864603:1.000000



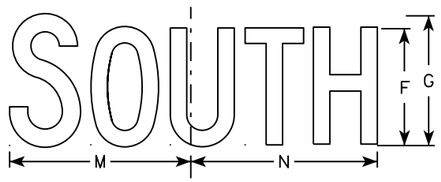
M3-1
MM3-1
MP3-1



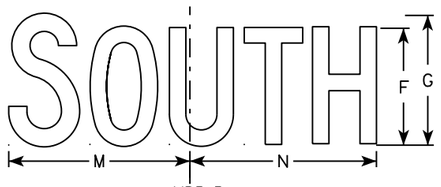
MB3-1
MK3-1
MN3-1

M3-2
MM3-2
MP3-2

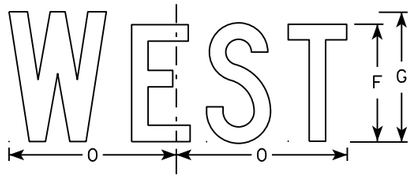
MB3-2
MK3-2
MN3-2



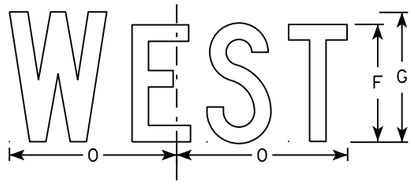
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

STANDARD SIGNS
M3-1 thur M3-4
SERIES

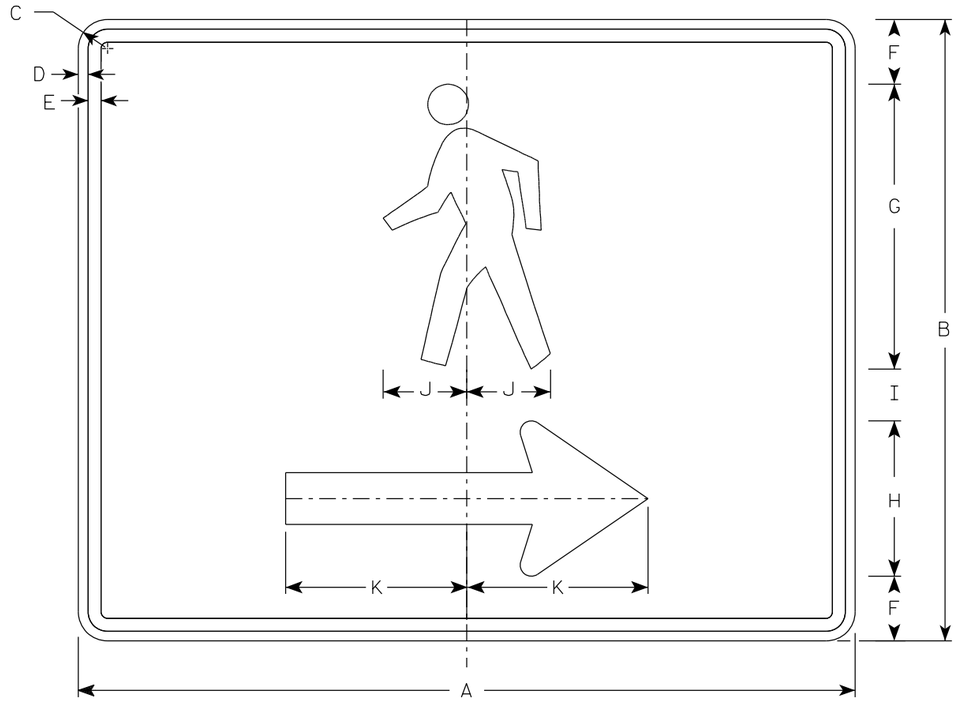
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew P Rauch for State Traffic Engineer

DATE 10/15/15 PLATE NO M3-1.14

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

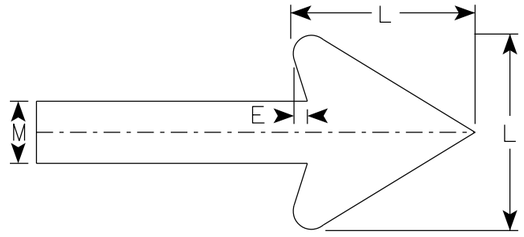
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M31.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



M4-60R

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M4-60L is the same as M4-60R except the arrow is reversed.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	24	1 1/8	3/8	1/2	2 1/2	11	6	2	3 1/4	7	6	2														5.00
3																											
4																											
5																											

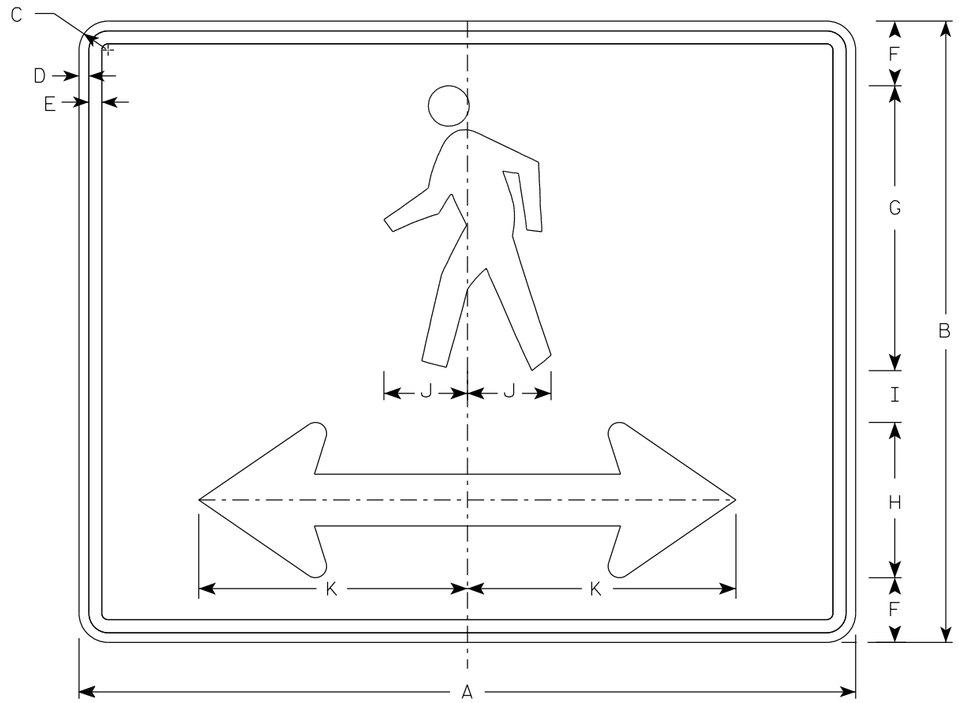
STANDARD SIGN
M4-60 L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/16/2021 PLATE NO. M4-60.1

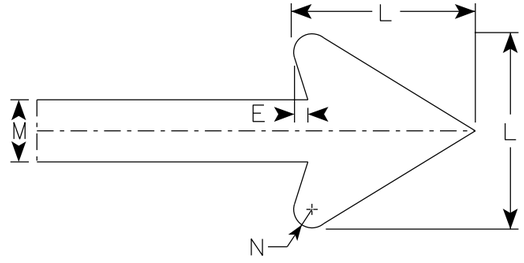
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 263 | E



M4-60D

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



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																											
2	30	24	1 1/8	3/8	1/2	2 1/2	11	6	2	3 1/4	10 3/8	6	2	3/8													5.00
3																											
4																											
5																											

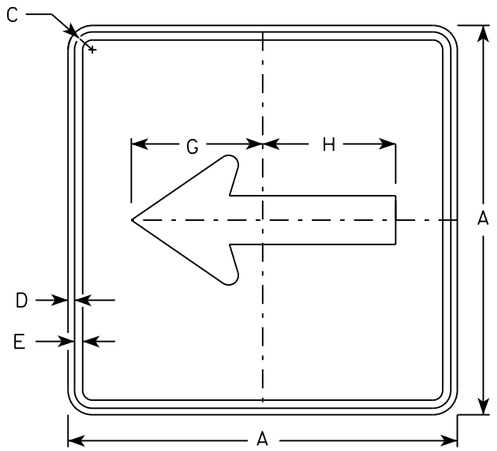
STANDARD SIGN
M4-60D

WISCONSIN DEPT OF TRANSPORTATION

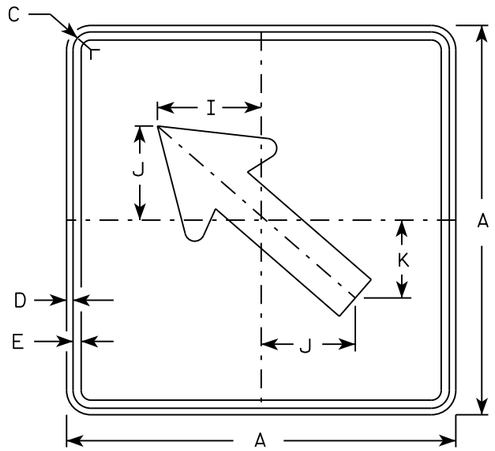
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/2021 PLATE NO. M4-60D.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 264	E



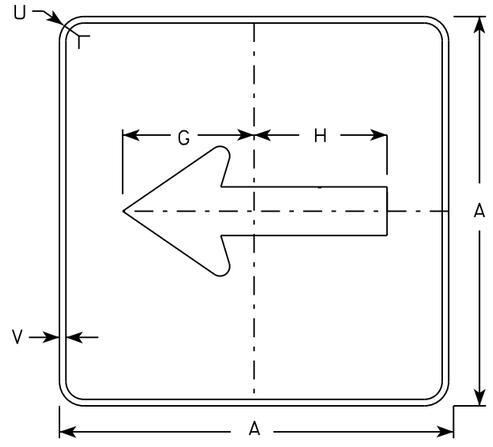
M6-1
MM6-1
MO6-1
MP6-1



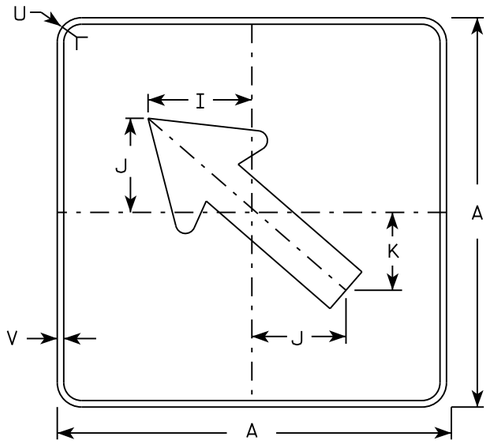
M6-2
MM6-2
MO6-2
MP6-2

NOTES

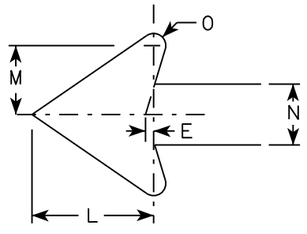
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow



MB6-1
MK6-1
MN6-1
MR6-1



MB6-2
MK6-2
MN6-2
MR6-2



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2						3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25

STANDARD SIGN
M6-1 & M6-2
SERIES

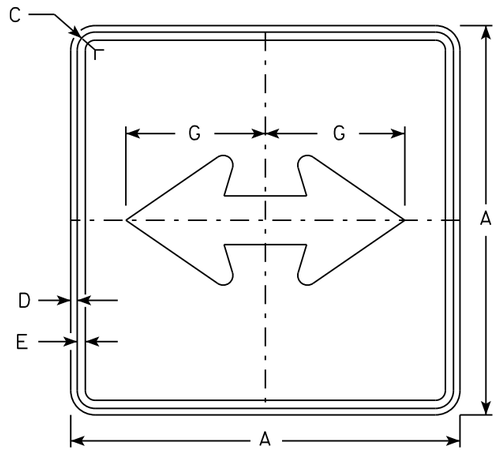
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

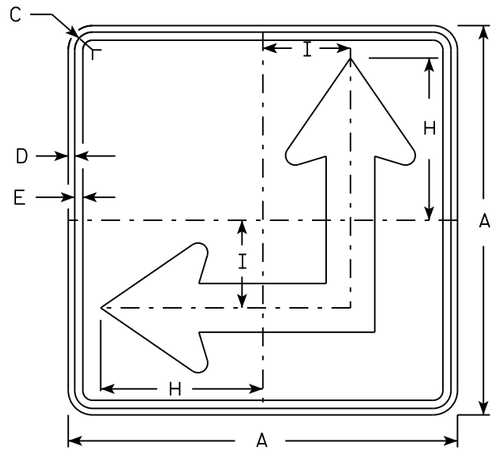
DATE 10/15/15 PLATE 265 M6-1.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M61.DGN PLOT DATE : 01-DEC-2015 17:57 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



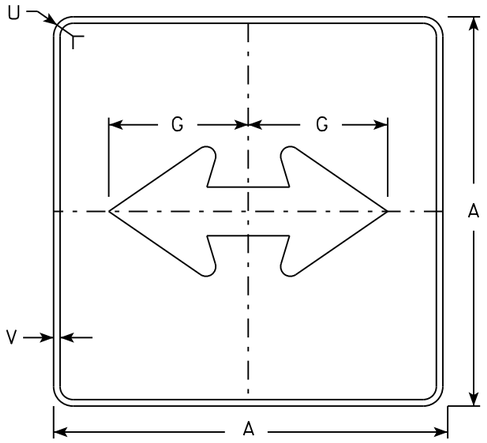
M6-4
MM6-4
MO6-4
MP6-4



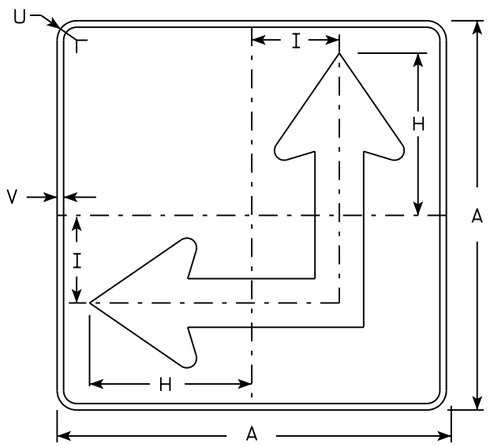
M6-6
MM6-6
MO6-6
MP6-6

NOTES

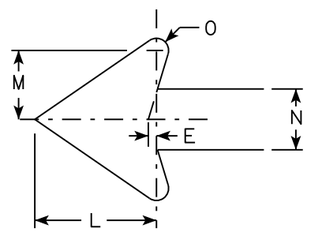
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See Note 4
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-4 and M6-6 Background - White
   Message - Black
   MB6-4 and MB6-6 Background - Blue
   Message - White
   MK6-4 and MK6-6 Background - Green
   Message - White
   MM6-4 and MM6-6 Background - White
   Message - Green
   MN6-4 and MN6-6 Background - Brown
   Message - White
   MO6-4 and MO6-6 Background - Orange - Type F Reflective
   Message - Black
   MP6-4 and MP6-6 Background - White
   Message - Blue
   MR6-4 and MR6-6 Background - Brown
   Message - Yellow
5. M6-6R same as M6-6L except arrow points ahead and right.



MB6-4
MK6-4
MN6-4
MR6-4



MB6-6
MK6-6
MN6-6
MR6-6



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25

STANDARD SIGN
M6-4 & M6-6
SERIES

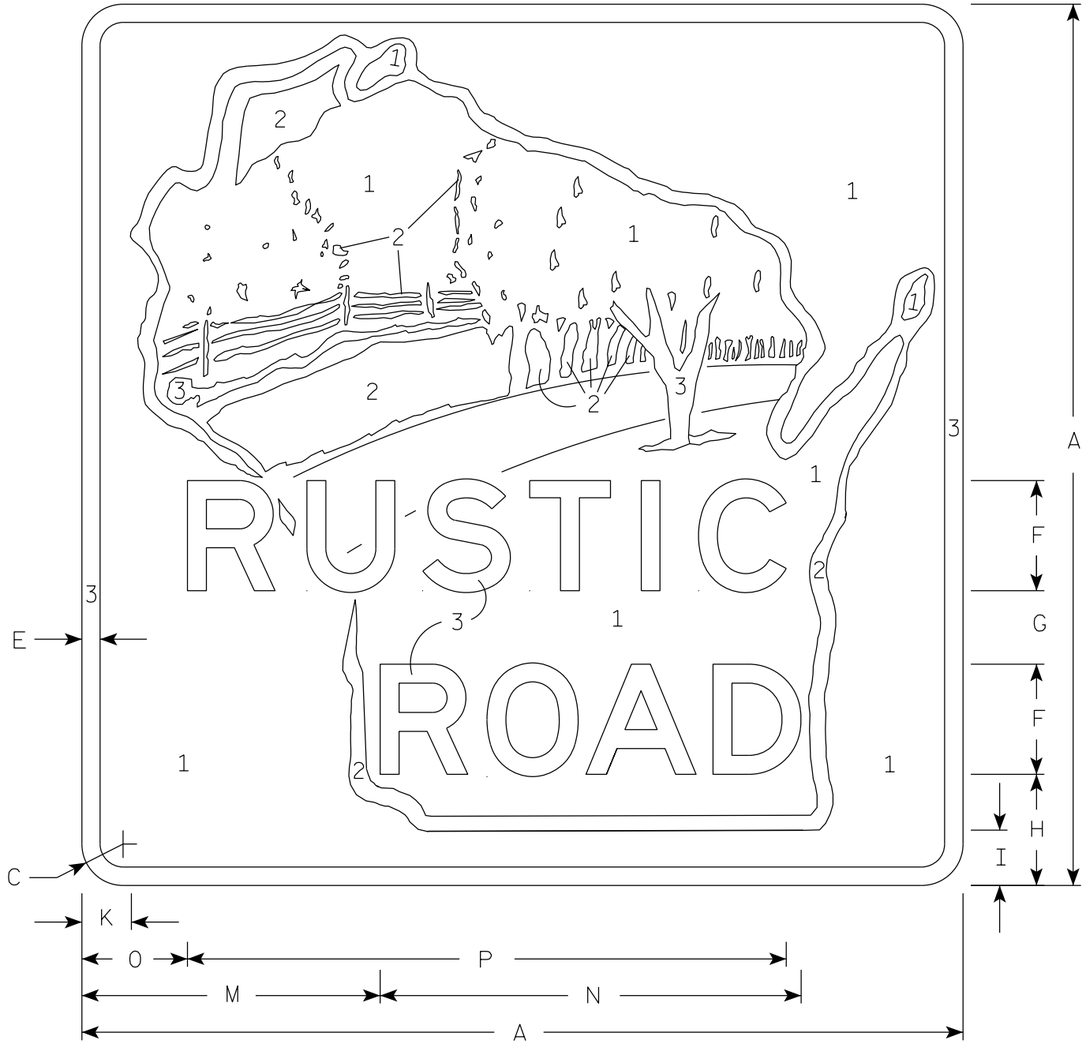
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 10/15/15 PLATE 266 M6-4.10

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

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M64.DGN PLOT DATE : 01-DEC-2015 17:58 PLOT BY : $$ platuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 4
   Message - See note 4
3. Message Series - Modified E
4. The sign will be color coded by numerical designation Numeral *1 Brown
   2 White
   3 Yellow

   Exact color descriptions will be furnished upon request.

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 1/8		1/2	3	2	3	1 1/2		1 3/8		8 1/8	11 1/4	2 7/8	16 1/4											4.0
3	36		1 5/8		3/4	4 1/2	3	4 1/2	2 1/4		2		12 1/8	17 1/4	4 3/8	24 1/2											9.0
4	36		1 5/8		3/4	4 1/2	3	4 1/2	2 1/4		2		12 1/8	17 1/4	4 3/8	24 1/2											9.0
5																											

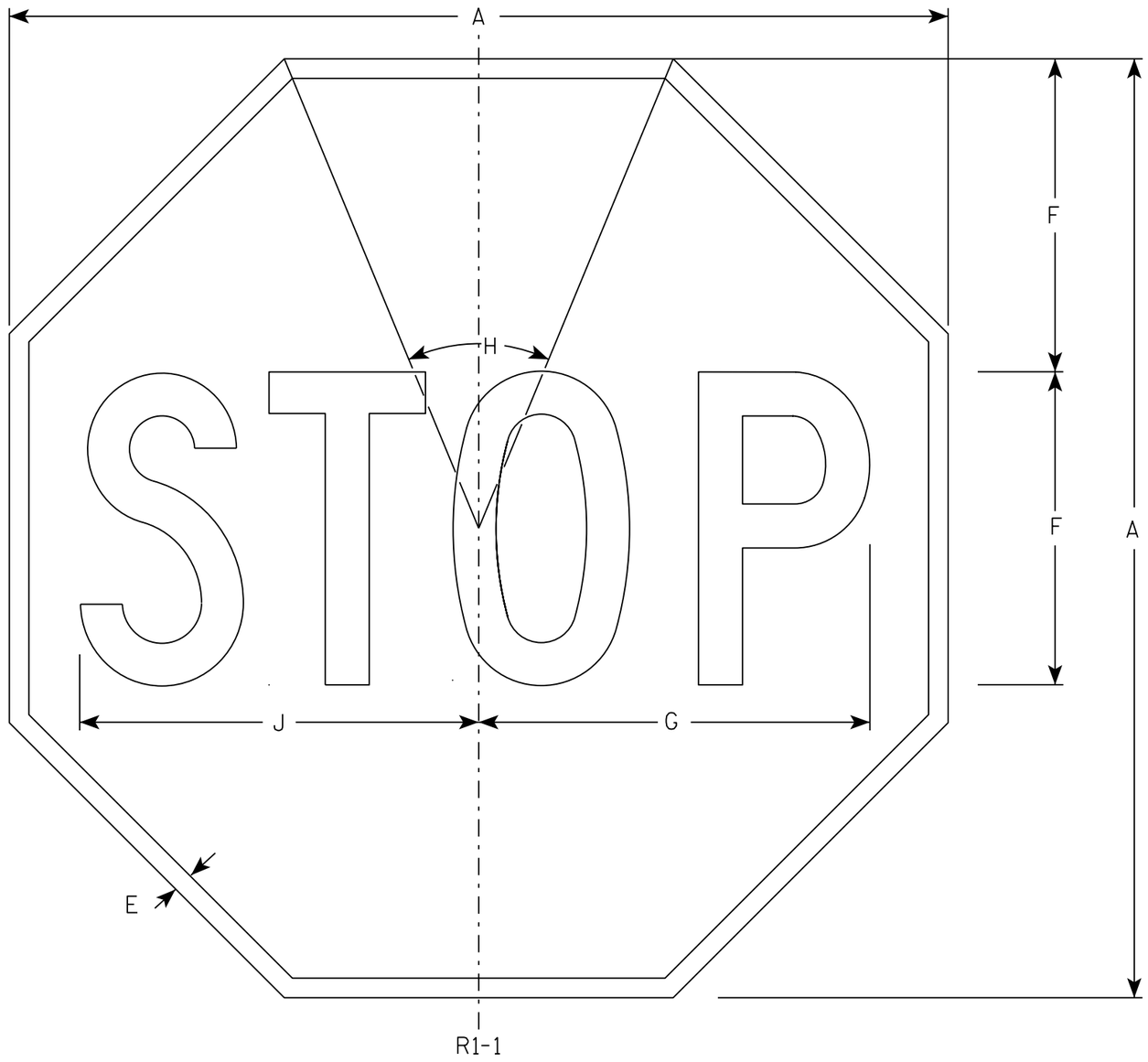
STANDARD SIGN
MR1-99

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/8/2020 PLATE NO. MR1-99.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 267 | E



NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

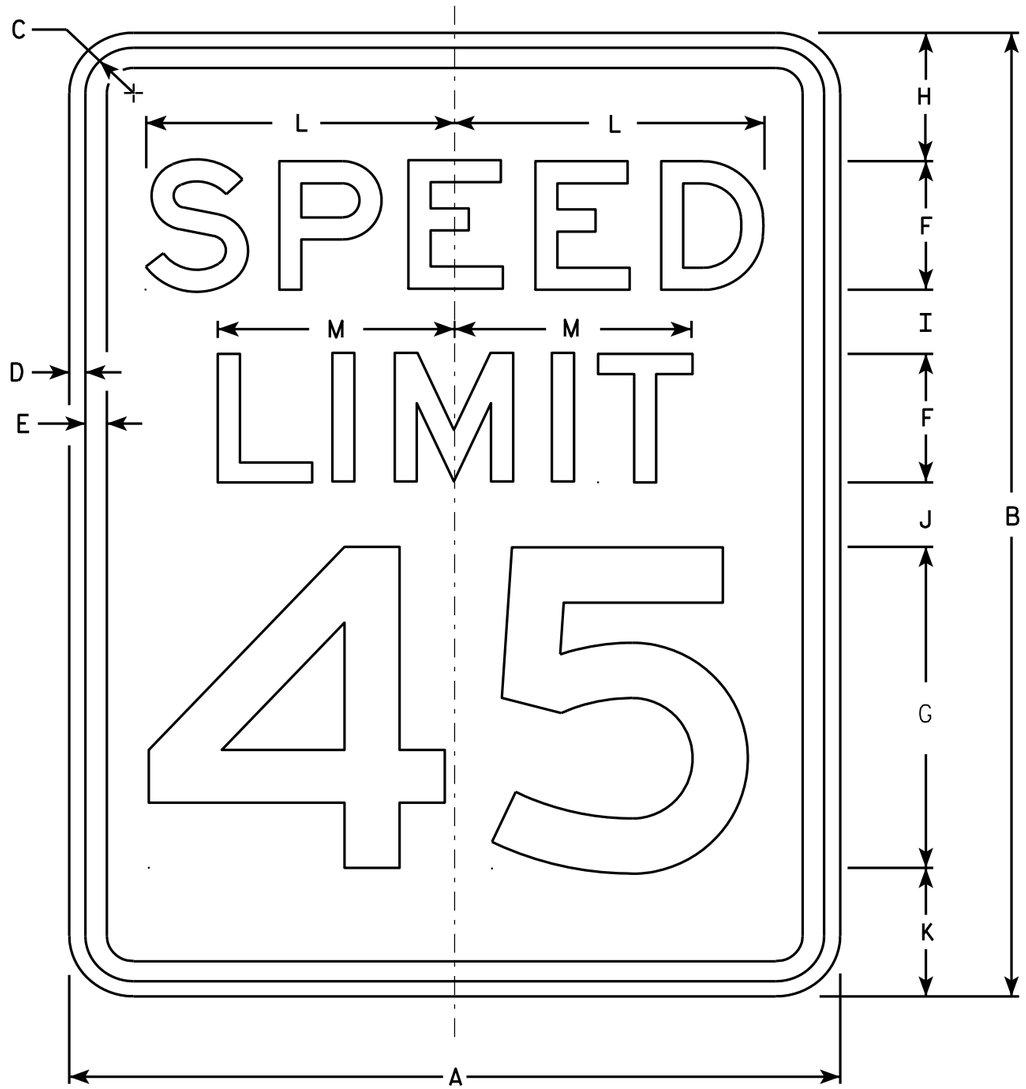
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

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

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 268	E



R2-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

STANDARD SIGN
R2-1

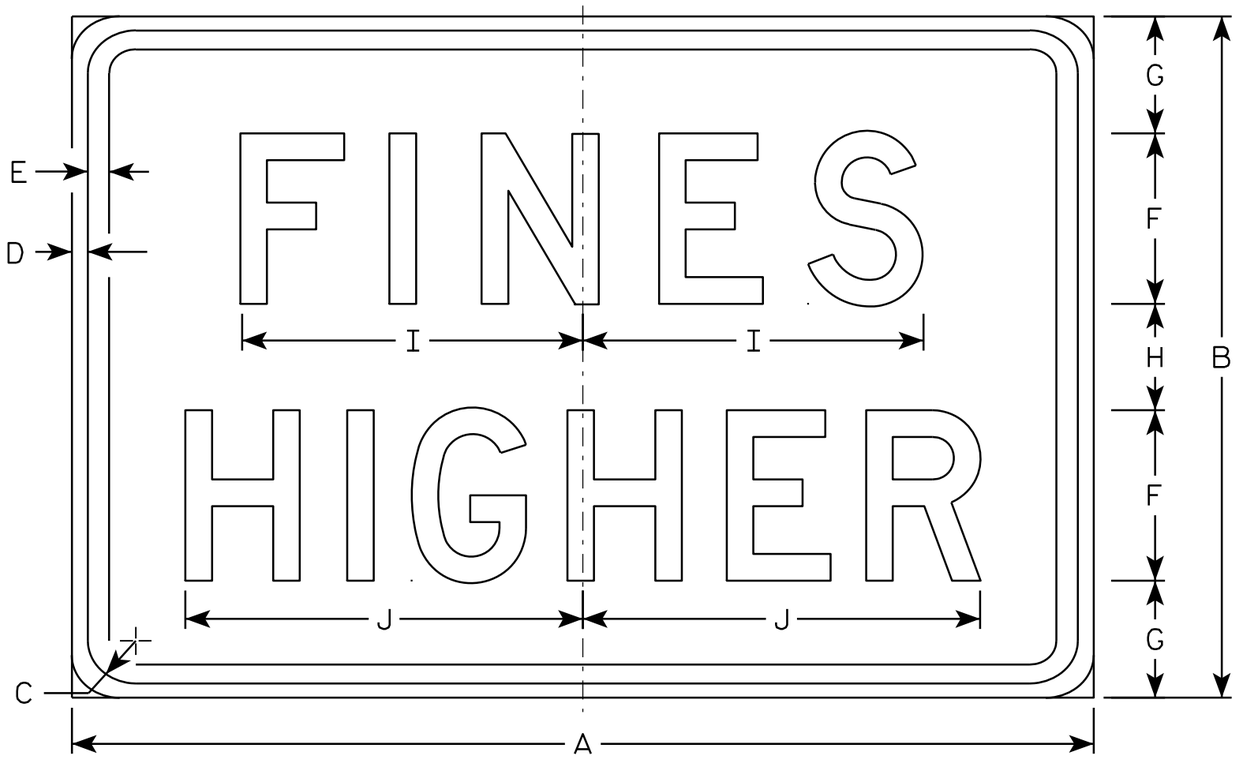
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 269 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R21.DGN PLOT DATE : 28-MAY-2010 08:32 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 4.717577:1.000000
WISDOT/CADDS SHEET 42



R2-6P

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	18	1 1/8	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
2M	24	18	1 1/8	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
3	36	24	1 1/8	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
4	36	24	1 1/8	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
5	48	36	1 3/8	1/2	5/8	8	7	6	15 1/8	19																	12.0

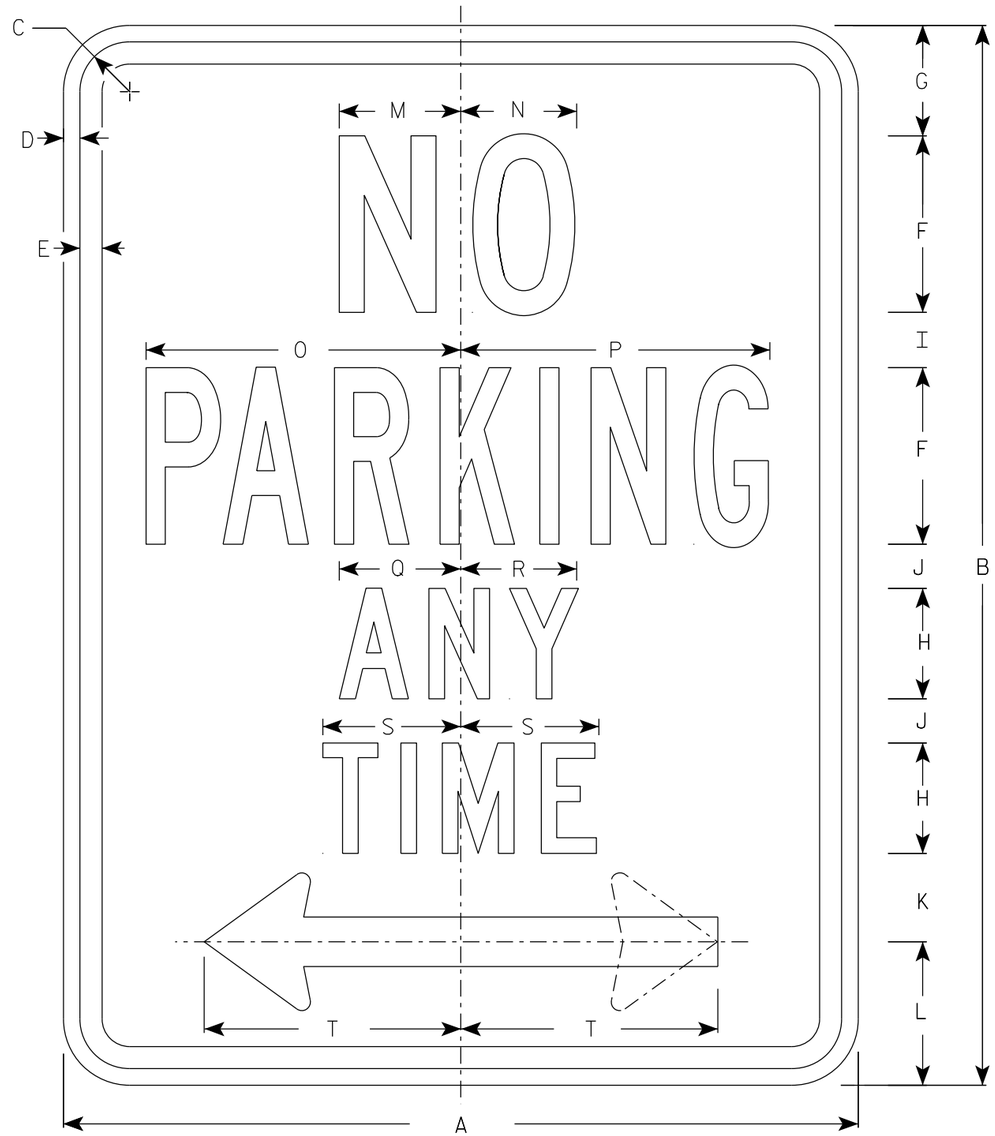
STANDARD SIGN
R2-6P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/20/10 PLATE NO. R2-6P.2

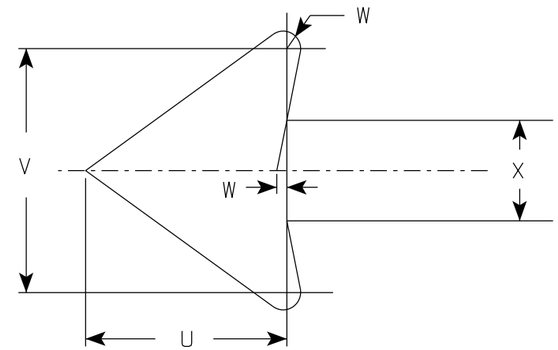
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 270 | E



R7-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 5
4. Lines 1, 3 and 4 are series C, line 2 is series B.
5. R7-1D (double arrow)
   R7-1L (left arrow)
   R7-1R (right arrow)



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	12	18	1 1/8	3/8	3/8	3	1 7/8	2	7/8	5/8	1 1/2	2 1/2	2	2	4 7/8	4 7/8	2 1/4	2 1/8	2 1/2	3 7/8	1 1/2	1 3/4	1/8	3/4			1.5
2S	18	24	1 1/8	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	2 3/4	2 5/8	3 1/8	5 7/8	2 1/4	2 5/8	1/4	1 1/8			3.0
2M	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
3	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
4																											
5																											

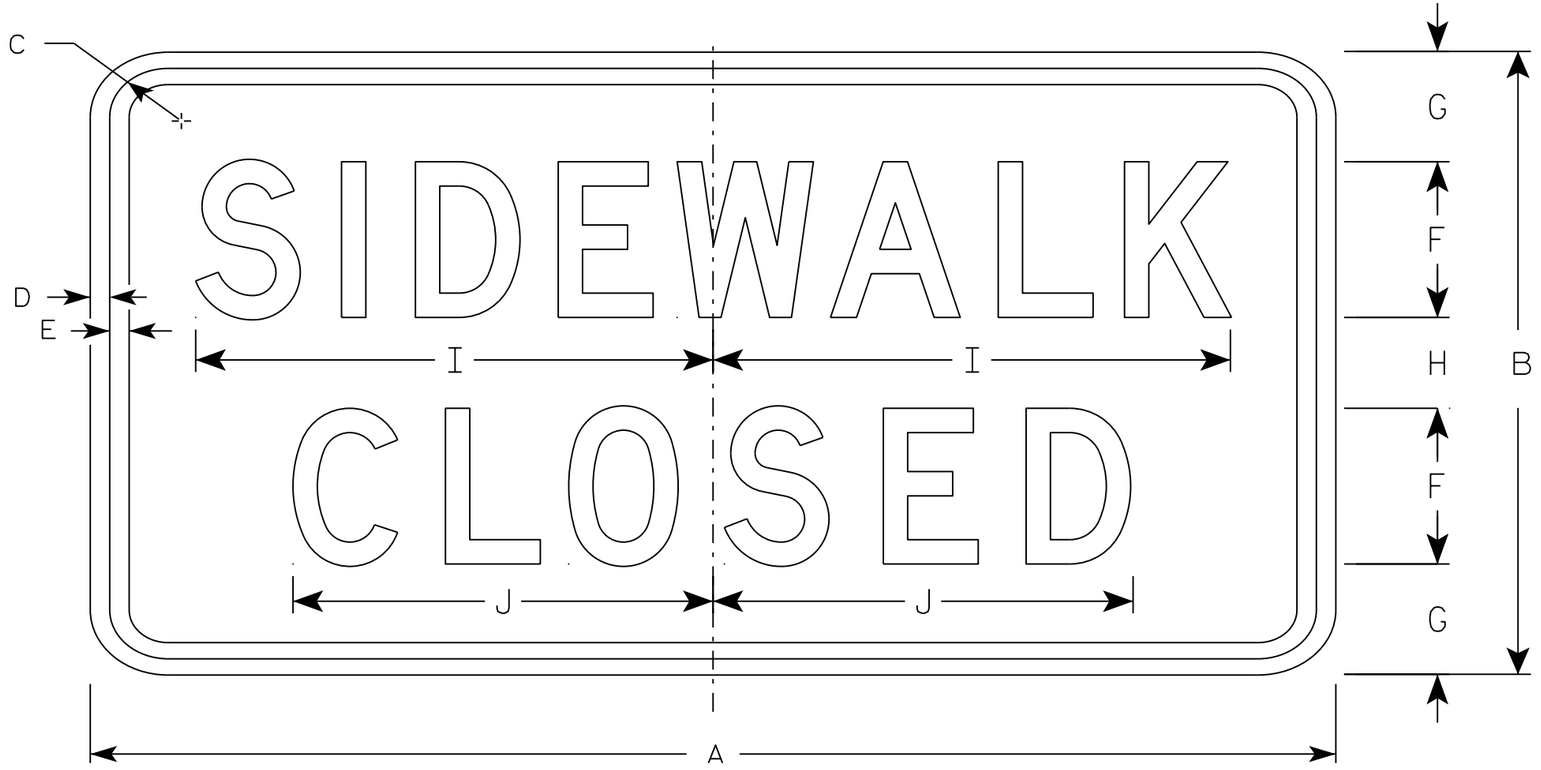
STANDARD SIGN
R7-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2021 PLATE NO. R7-1.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 271 E



R9-9

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
2M	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
3	30	18	1 3/4	1/2	1/2	4	3 1/2	3	12 1/2	10 1/4																	3.75
4																											
5																											

STANDARD SIGN
R9-9

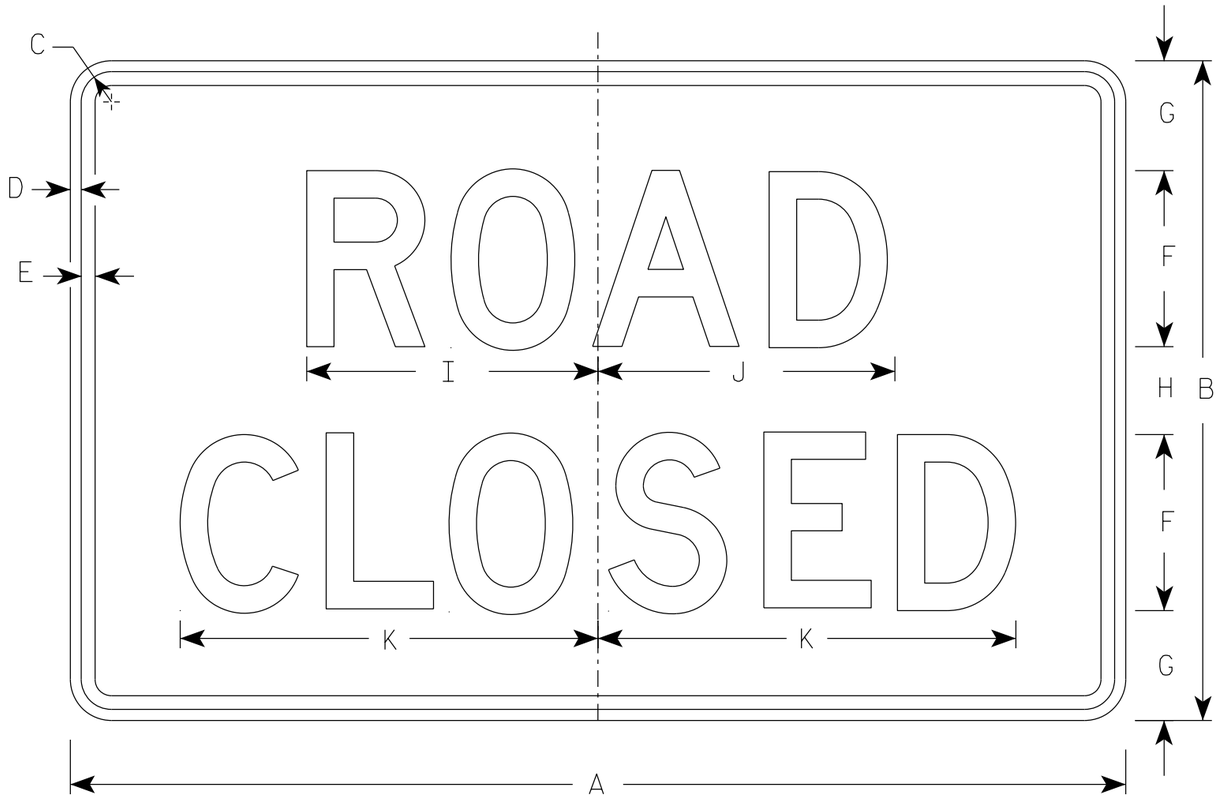
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/11/16 PLATE 272 R9-9.6

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

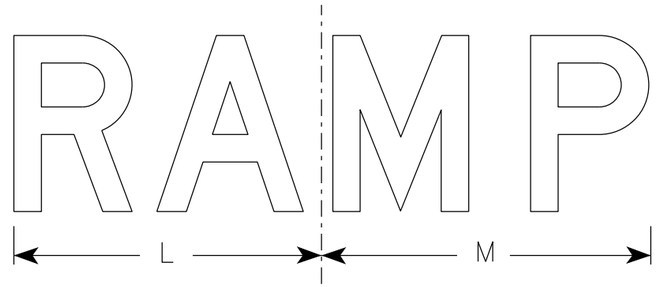
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R99.DGN PLOT DATE : 11-AUG-2016 11:33 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 2.918761:1.000000



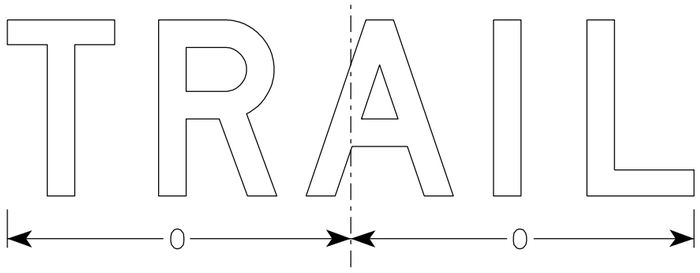
R11-2

NOTES

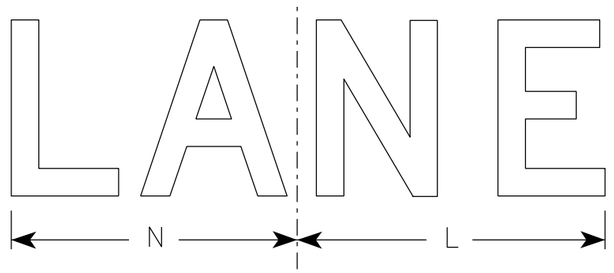
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



R11-2R



R11-2T



R11-2L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
2M	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
3	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
4	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
5	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0

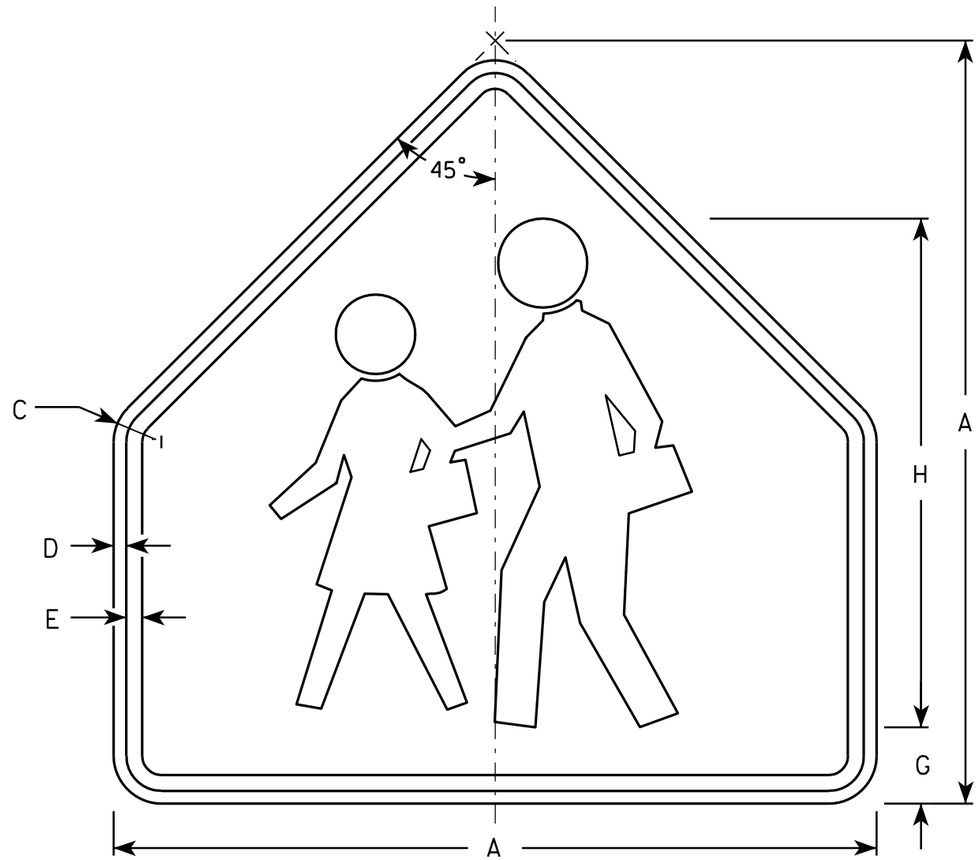
STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2021 PLATE NO. R11-2.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 273 E



S1-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow-Green
   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	30		1 3/8	1/2	5/8		3	20																			4.69
2	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
3	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
4	48		2 1/4	3/4	1		4 3/4	32																			12
5																											

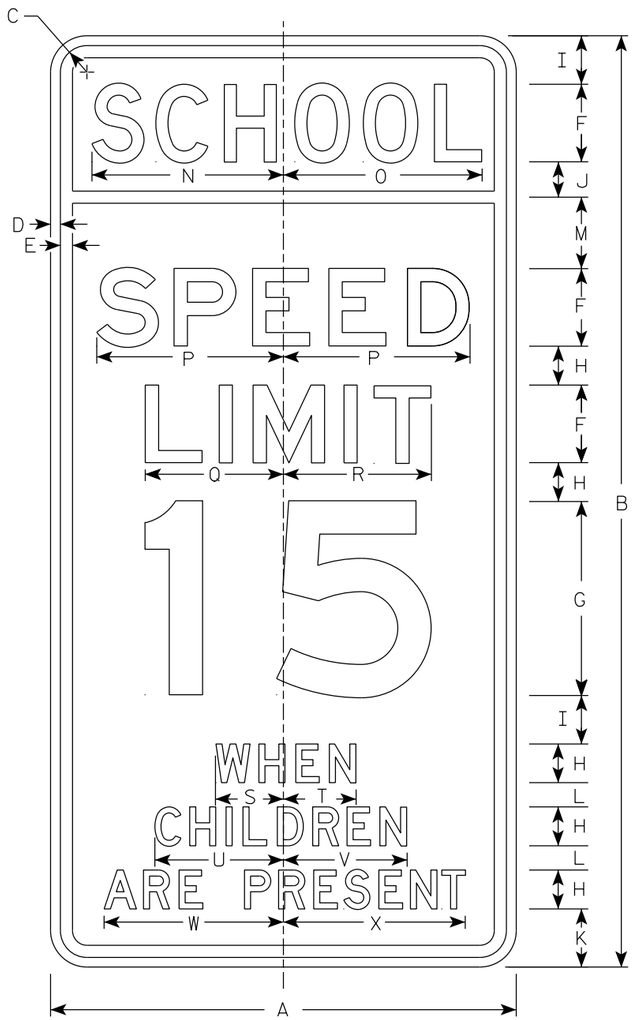
STANDARD SIGN
S1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/30/05 PLATE NO. S1-1.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 274	E



S4-51

NOTES

1. Sign is Type II - See Note 2 for Sheeting Type
2. Color:
   Background - See Note 4
   Message - Black
3. Message Series - See Note 5
4. Top panel (SCHOOL) background - Yellow Green - Type F Reflective
   Lower panel background - White - Type SH Reflective
5. From top to bottom:
   Lines 1, 5, 6 & 7 are series D
   Lines 2, 3 & 4 are series E
6. Line 4 substitute appropriate numerals and adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	48	1 3/8	1/2	5/8	4	10	2	2 1/2	1 3/4	3	1 1/4	3 3/4	9 7/8	10 1/4	9 5/8	7 1/8	7 5/8	3 1/2	3 3/8	6 5/8	6 3/8	9 1/4	9 3/8			8.00
3	36	72	2 1/4	3/4	1	6	15	3	3 3/4	2 3/4	4 1/2	1 7/8	5 1/2	15	15 1/4	14 1/2	11 1/4	11 1/2	5 1/2	5 3/4	10	9 3/4	14	14 1/8			18.00
4																											
5																											

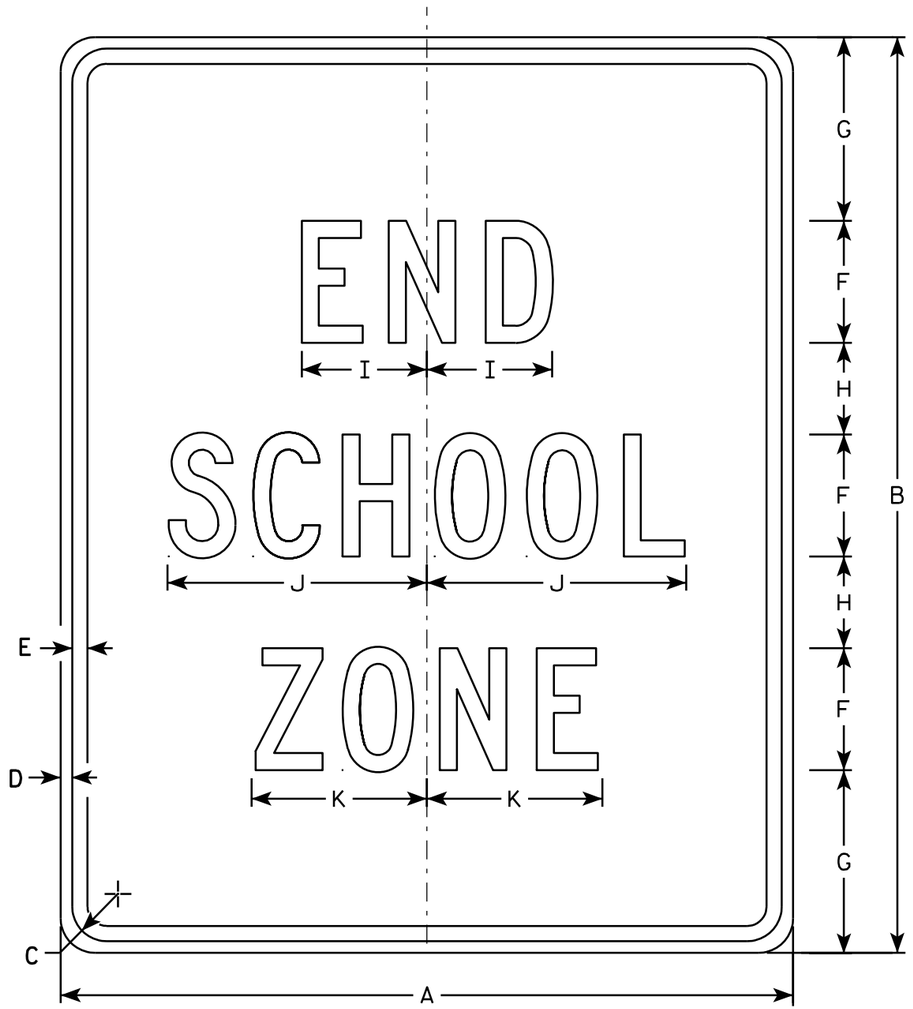
STANDARD SIGN
S4-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/27/2020 PLATE NO. S4-51.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 275 E



S5-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

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	30	1 1/8	3/8	1/2	4	6	3	4 1/8	8 1/2	5 3/4																5.0
3	36	42	1 5/8	5/8	3/4	6	7	5	6 1/8	12 5/8	8 5/8																10.5
4																											
5																											

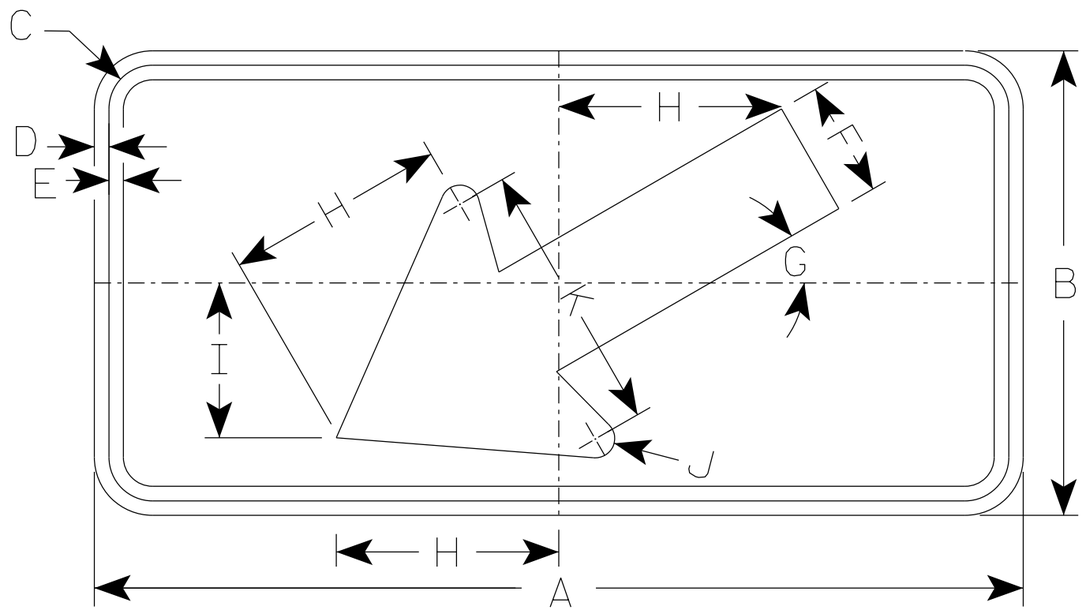
STANDARD SIGN
S5-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/8/11 PLATE NO. S5-2.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 276 | E



S16-7L

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black
3. S16-7R are the same as S16-7L except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	12	1 1/8	3/8	3/8	3	30°	5 3/4	4	1/2	7																2.0
2S	30	18	1 1/8	3/8	1/2	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
2M	30	18	1 1/8	3/8	1/2	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
3	30	18	1 1/8	3/8	1/2	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
4	48	24	1 3/8	1/2	5/8	6	30°	11 1/2	8	1	14																8.0
5																											

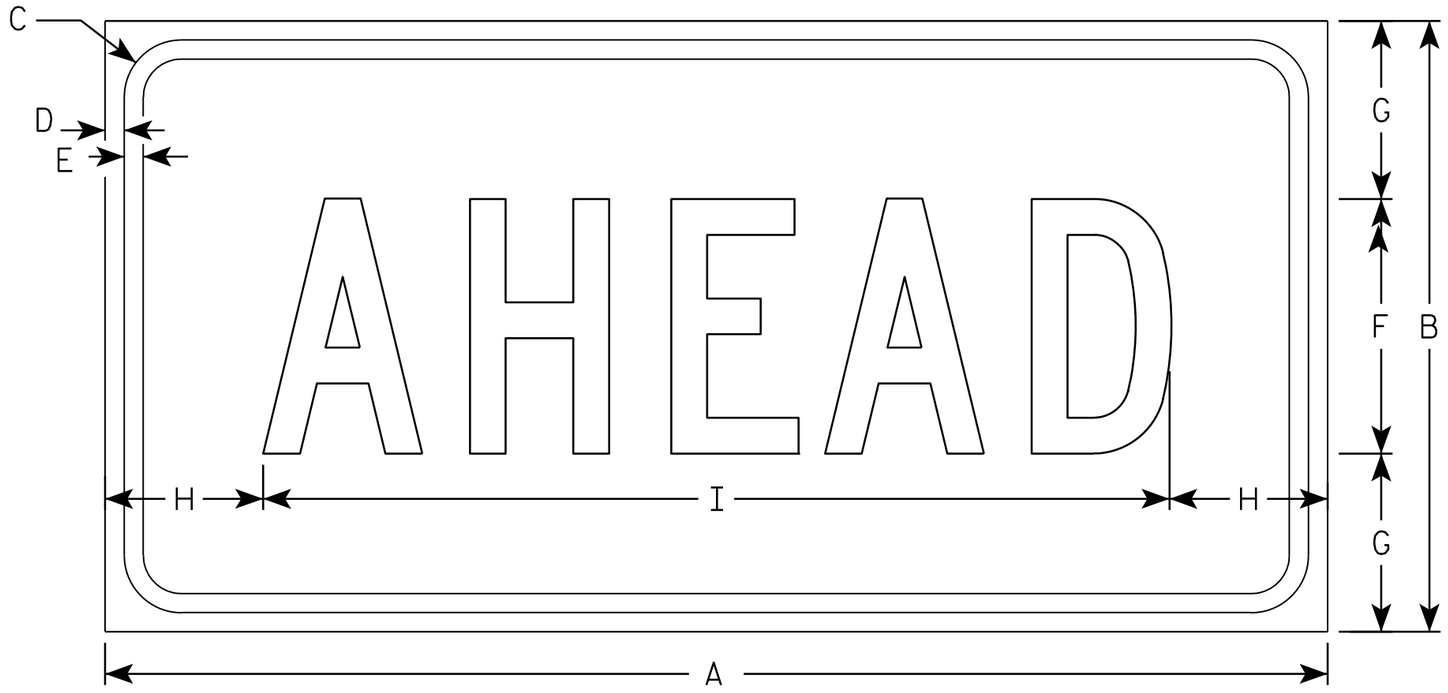
STANDARD SIGN
S16-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/2021 PLATE NO. S16-7.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 277 E



S16-9P

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-Green
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

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	12	1 1/8	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
2S	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
2M	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
3	30	18	1 1/8	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
4	48	24	1 3/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
5																											

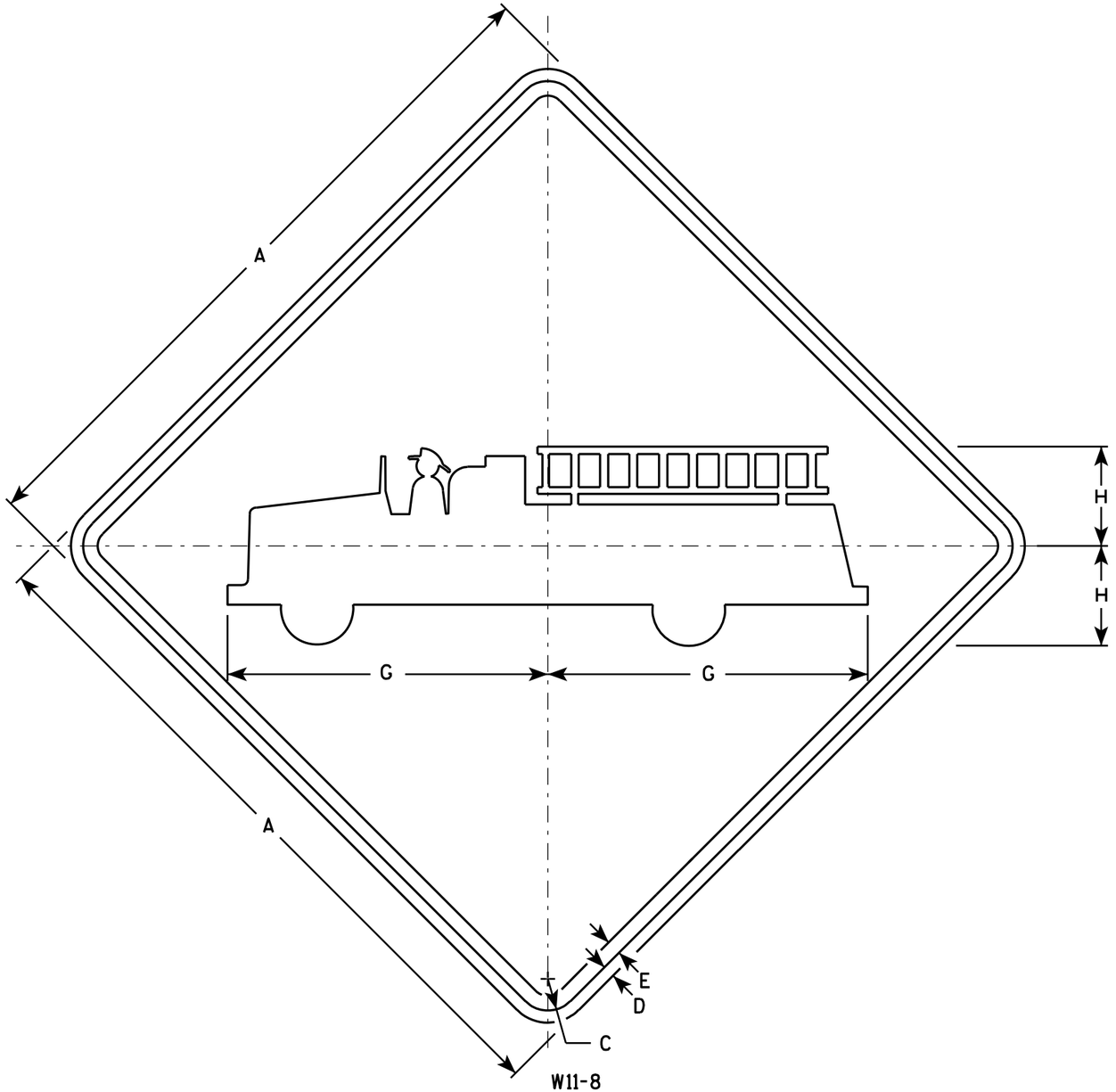
STANDARD SIGN
S16-9P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/22/13 PLATE NO. S16-9P.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 278 | E



W11-8

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		11	3 3/8																			4.0
2S	30		1 3/8	1/2	5/8		13 3/4	4 3/8																			6.25
2M	30		1 3/8	1/2	5/8		13 3/4	4 3/8																			6.25
3	36		1 5/8	5/8	3/4		16 1/2	5 1/4																			9.0
4	48		2 1/4	3/4	1		22	7																			16.0
5																											

STANDARD SIGN
W11-8

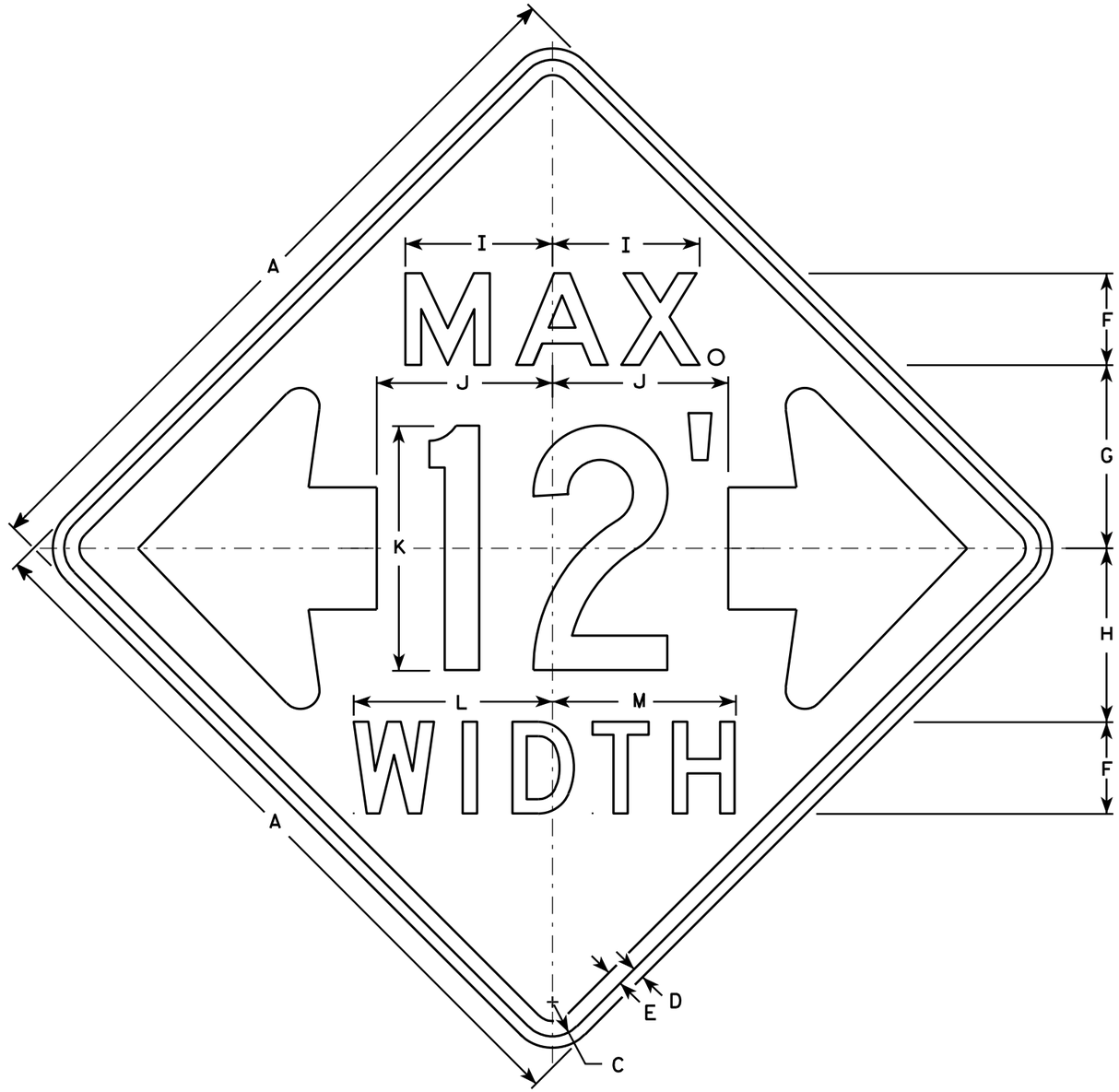
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W11-8.7

PROJECT NO:

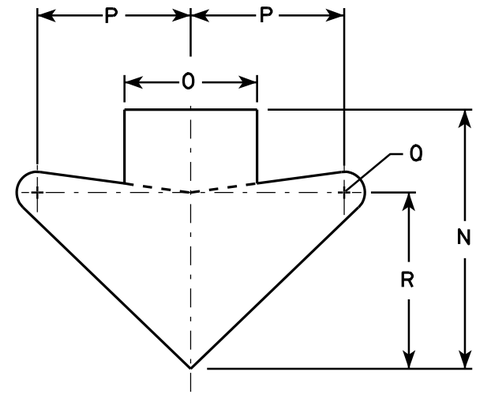
SHEET NO: 279 E



W12-52

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. The top line is series E, the numerals are series C, and the bottom line is series D.
6. Substitute appropriate numerals and adjust spacing as required.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48		2 1/4	3/4	1	6	12	11 3/8	9 5/8	11 1/2	16	13	12	15 5/8	8	9 1/4	1 1/4	10 5/8									16.0
2M	48		2 1/4	3/4	1	6	12	11 3/8	9 5/8	11 1/2	16	13	12	15 5/8	8	9 1/4	1 1/4	10 5/8									16.0
3																											
4																											
5																											

STANDARD SIGN
W12-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/11 PLATE NO. W12-52.7

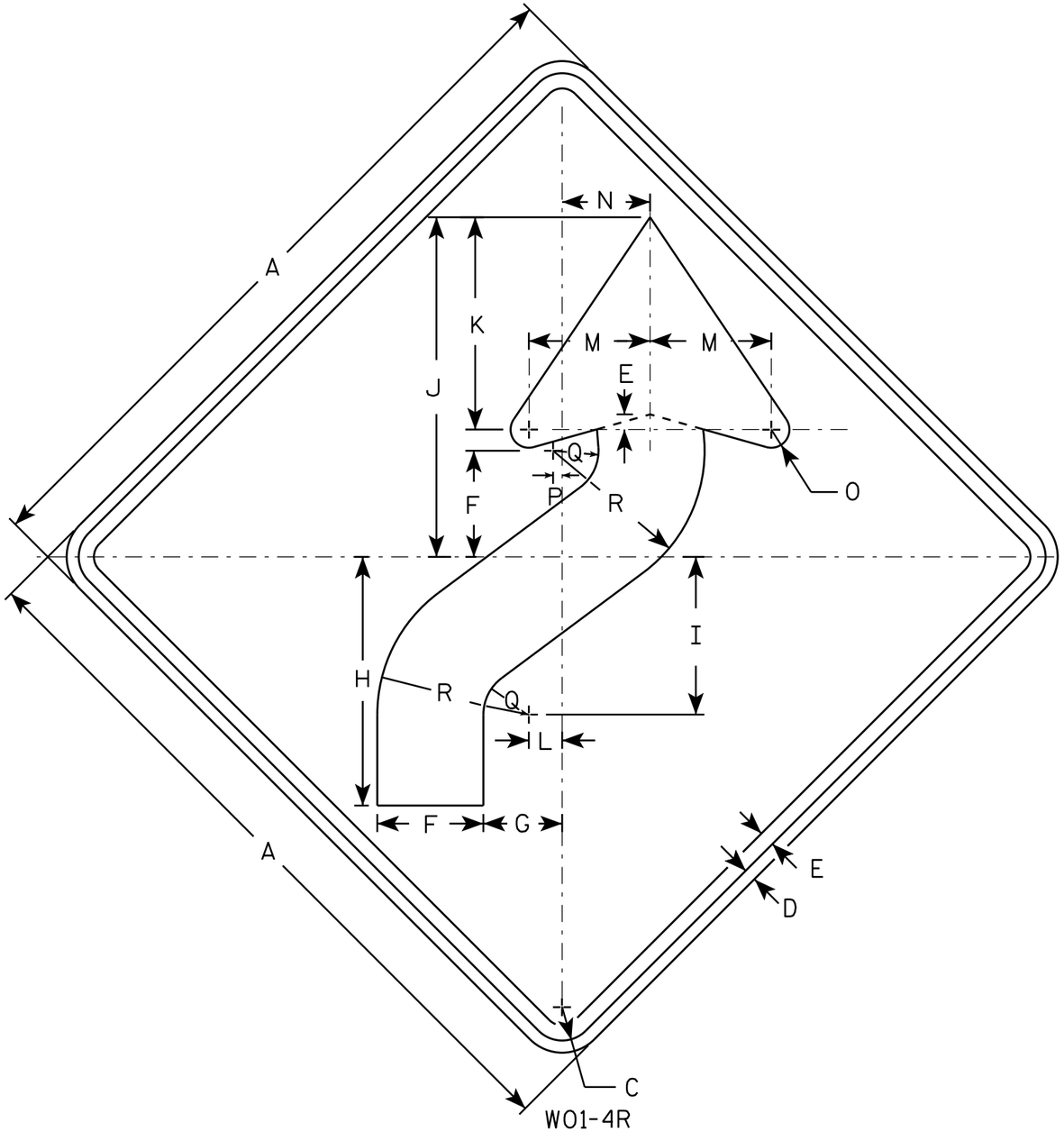
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 280	E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W1252.DGN PLOT DATE : 16-MAR-2011 14:45 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 9.137199:1.000000

WISDOT/CADDS SHEET 42

7

7



W01-4R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W01-4L is the same as W01-4R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
2S	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
2M	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
3	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
4	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
5	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

STANDARD SIGN
W01-4

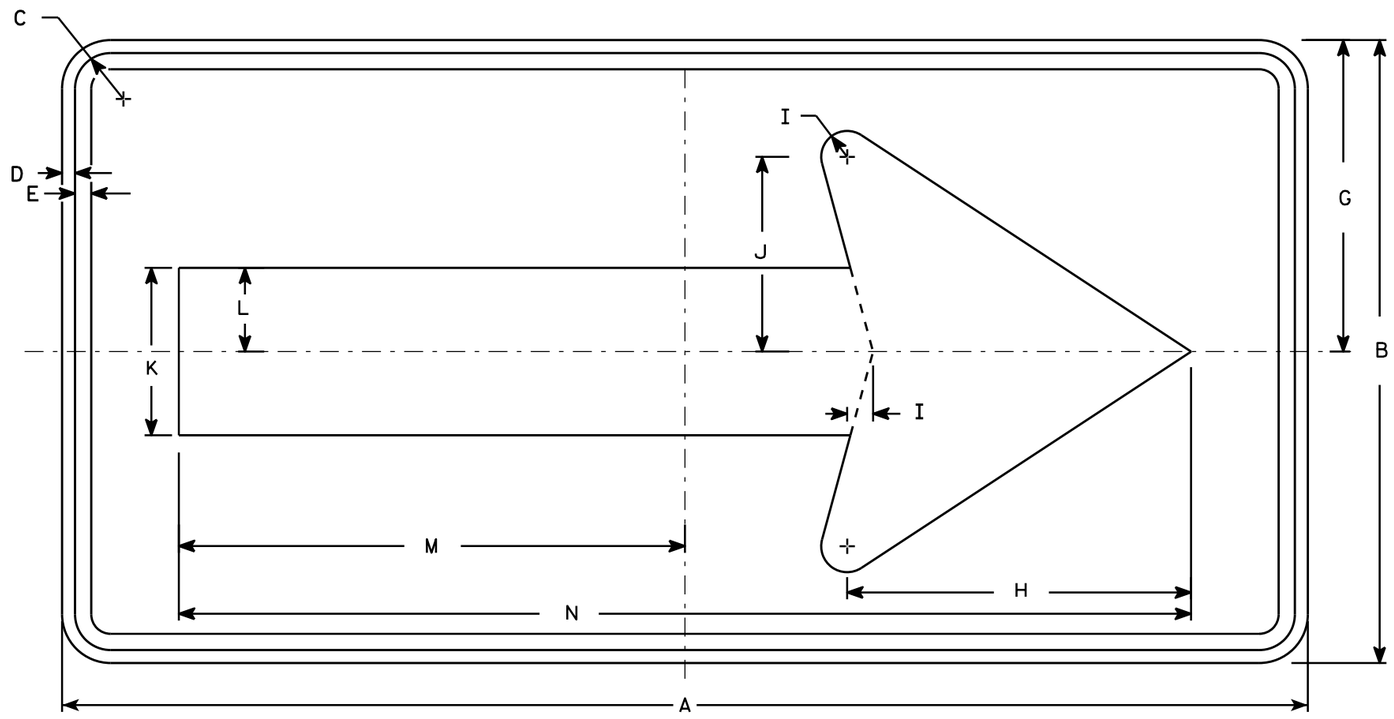
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/18/13 PLATE NO W01-4.1

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

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W014.DGN PLOT DATE : 28-FEB-2014 11:35 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 6.755110:1.000000
WISDOT/CADDS SHEET 42



W01-6

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5

STANDARD SIGN
W01-6

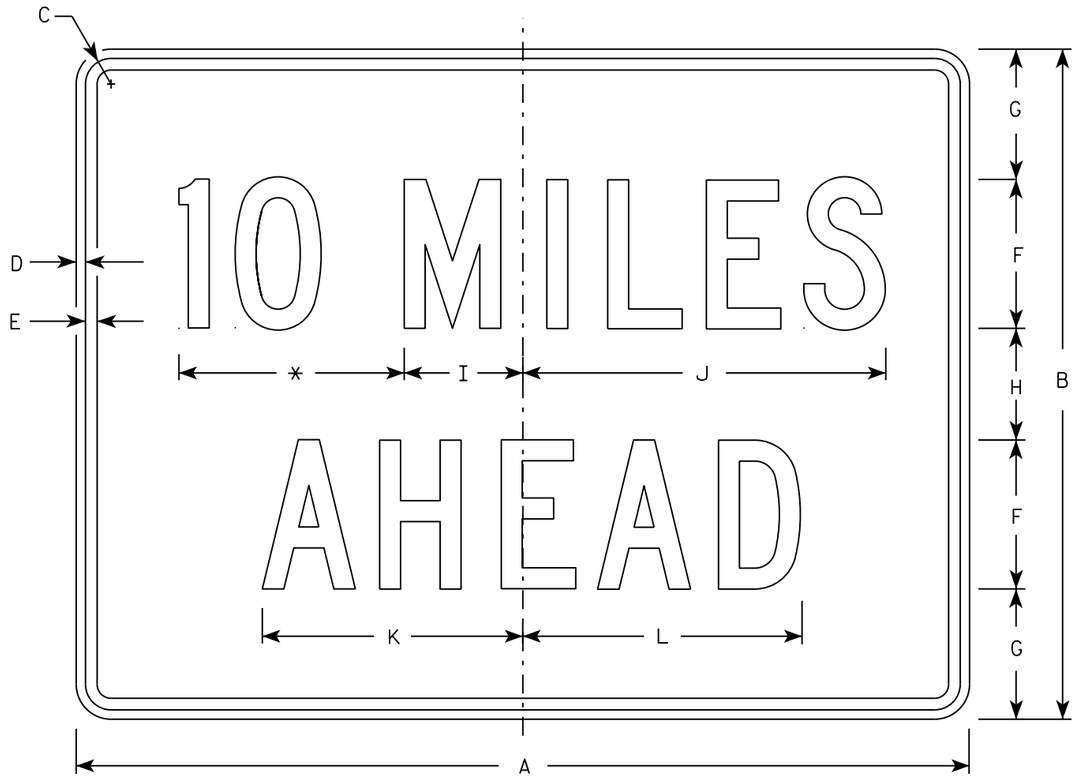
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

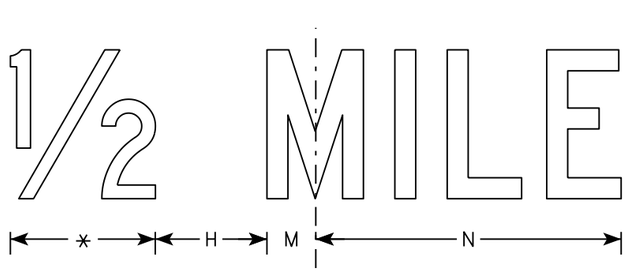
DATE 11/18/13 PLATE NO. W01-6.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W016.DGN PLOT DATE : 28-FEB-2014 11:37 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 5.837526:1.000000 WISDOT/CADDS SHEET 42



W057-52



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to the nearest quarter mile and optically adjust spacing to achieve proper balance.

* See note 5

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	24	1 1/8	3/8	1/2	6	4 1/2	3	4 3/4	14 5/8	10 5/8	11 3/8	2	12													6.0
2S	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
2M	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
3	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
4	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
5	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0

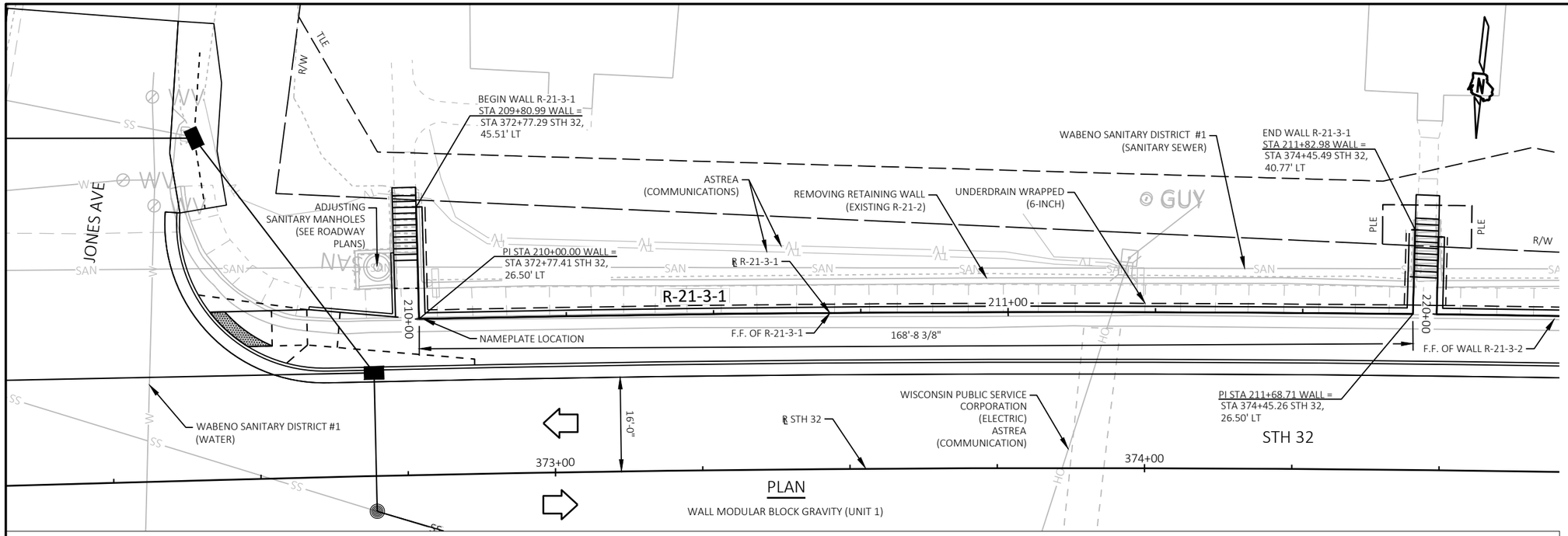
STANDARD SIGN
W057-52

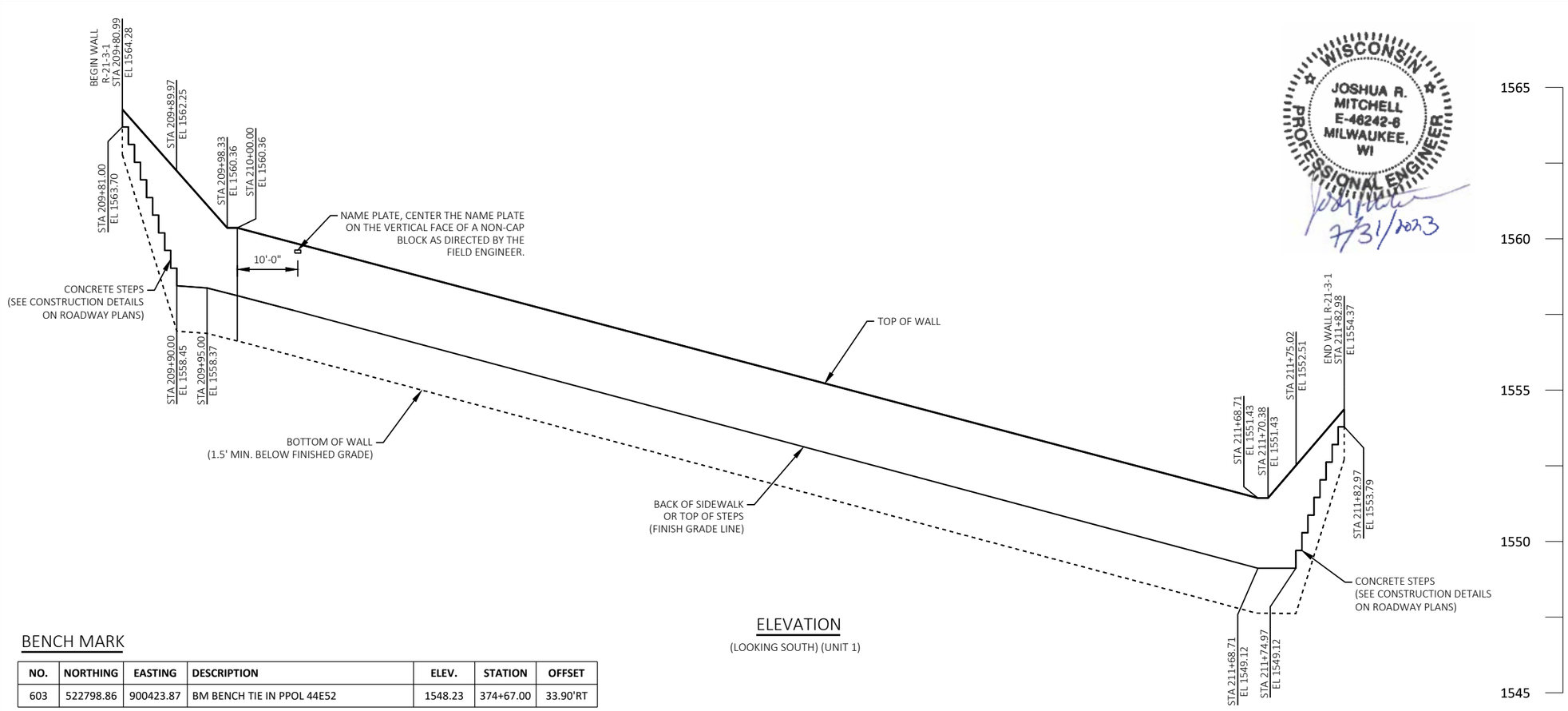
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/21/17 PLATE NO. W057-52.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 283	E





ELEVATION

(LOOKING SOUTH) (UNIT 1)

BENCH MARK

NO.	NORTHING	EASTING	DESCRIPTION	ELEV.	STATION	OFFSET
603	522798.86	900423.87	BM BENCH TIE IN PPOL 44E52	1548.23	374+67.00	33.90'RT

STATE PROJECT NUMBER

9130-03-72

DESIGN DATA:

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM WALL MODULAR BLOCK GRAVITY R-21-3.

PLANS, ELEVATIONS AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE THE WALL LOCATIONS, LENGTHS, HEIGHTS AND DETAILS COMMON TO THE WALL SYSTEM. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS. THE COLOR OF STONE SHALL BE EARTH TONE.

THE RETAINING WALL IS TO BE DESIGNED USING THE ELEVATIONS GIVEN ON THIS SHEET.

DESIGN FOR RETAINING WALL TO PROVIDE FOR FINISHED GRADE SLOPED BEHIND WALL AS SHOWN.

LIVE LOAD:
STRUCTURE IS DESIGNED FOR A LIVE LOAD SURCHARGE OF 100 PSF.

DESIGN PARAMETERS:
BEARING RESISTANCE (CDR>1.0) = 0.55
FACTORED BEARING RESISTANCE (PSF) = 4,000
SLIDING COEFFICIENT = 0.47

TRAFFIC DATA

STH 32:
ADT = 6,450(2044)
R.D.S. = 25 MPH

JOSHUA R. MITCHELL E-46242-8 MILWAUKEE, WI PROFESSIONAL ENGINEER WISCONSIN
7/31/2023

LIST OF DRAWINGS:

1. GENERAL PLAN & ELEVATION (UNIT 1)
2. GENERAL PLAN & ELEVATION (UNIT 2)
3. CROSS SECTIONS AND QUANTITIES
4. SUBSURFACE EXPLORATION

STRUCTURE DESIGN CONTACTS:

BRIDGE OFFICE: AARON BONK (608) 261-0261
CONSULTANT: TONY CASTLE (414) 347-1607

NO.	DATE	REVISION	BY

emcs
Transforming Challenges into Solutions

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORATION

ACCEPTED SDR 11/13/23
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE R-21-3

STH 32 RETAINING WALL

COUNTY	TOWN
FOREST	WABENO

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATION

DESIGNED BY	DESIGNED CK'D	DRAWN BY	PLANS CK'D
JRM	AJC	DEN	AJC

GENERAL PLAN & ELEVATION (UNIT 1)

SHEET 1 OF 4
284

8

8

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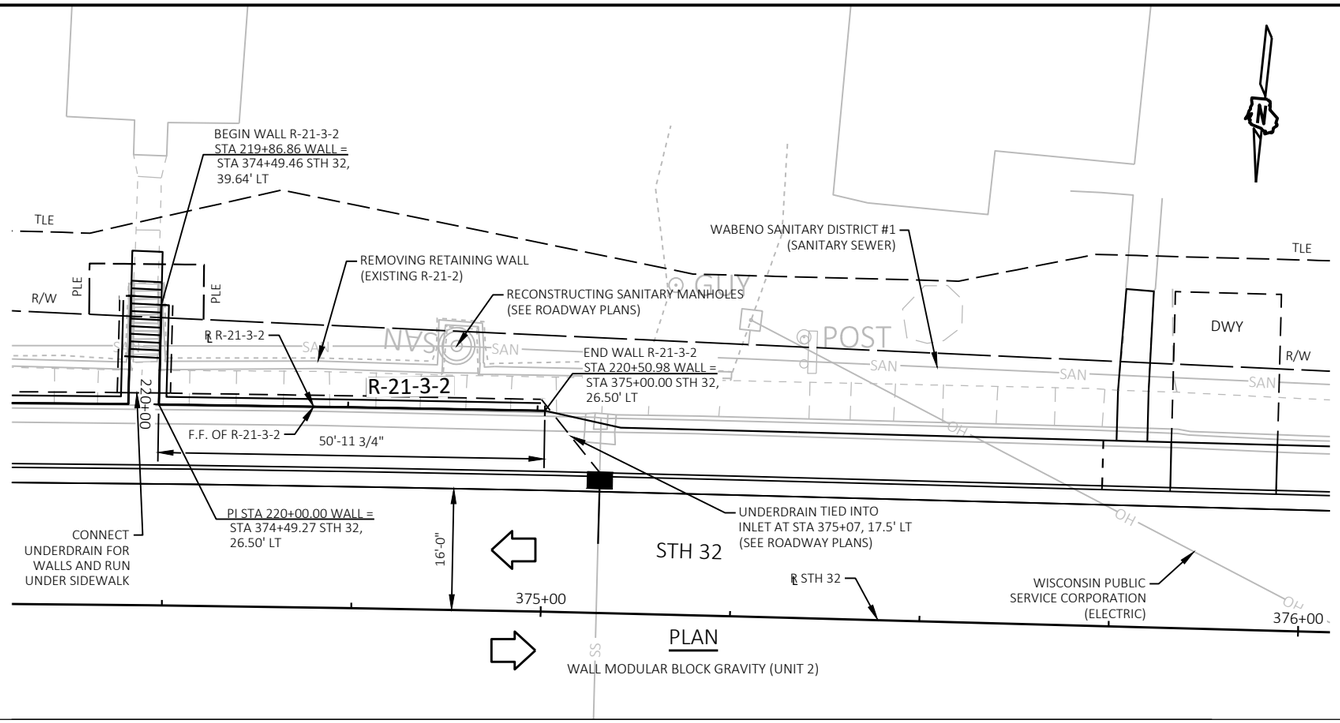
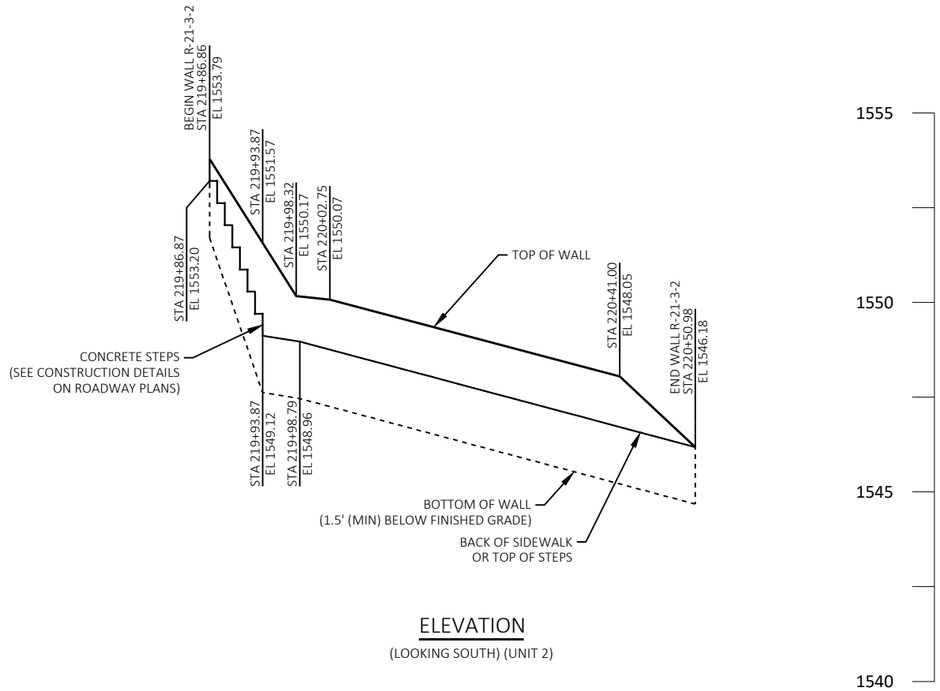
STATE PROJECT NUMBER
9130-03-72





ELEVATION

(LOOKING SOUTH) (UNIT 2)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-21-3

DRAWN BY JRM | PLANS CK'D AJC

GENERAL PLAN & ELEVATION (UNIT 2)

SHEET 2 OF 4

285

8

8

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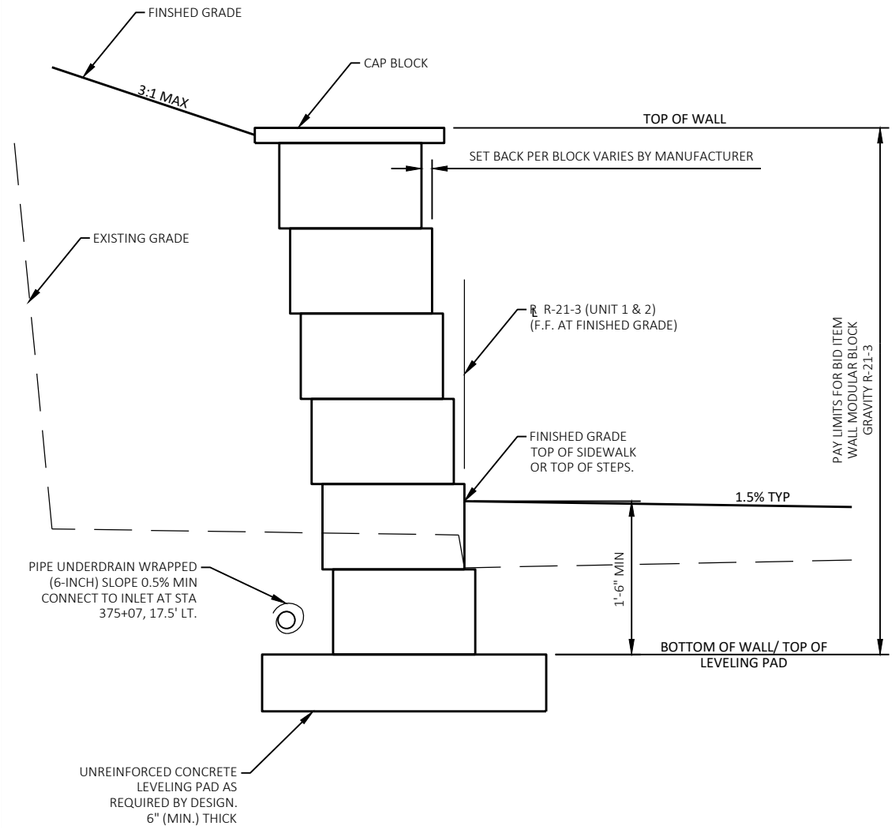
STATE PROJECT NUMBER

9130-03-72

NOTES
DRAWINGS SHALL NOT BE SCALED.

THE PLAN QUANTITY FOR THE BID ITEM WALL MODULAR BLOCK GRAVITY IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF WALL TO 1'-6" BELOW FINISHED GRADE.



TYPICAL CROSS SECTION OF RETAINING WALL

TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEMS	UNIT	TOTAL
204.9060.S	REMOVING RETAINING WALL	EACH	1
612.0206	PIPE UNDERDRAIN UNPERFORATED 6-INCH	LF	15
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	275
SPV.0165	WALL MODULAR BLOCK GRAVITY R-21-3	SF	930
	NON-BID ITEMS		
	NAME PLATE	EACH	1

SOIL PARAMETERS

STRATUM LOCATIONS & SOIL DESCRIPTIONS	TOTAL UNIT WEIGHT (KCF)	FRICTION ANGLE (DEGREES)	COHESION (KSF)	COEFFICIENT OF SLIDING FRICTION
FOUNDATION ZONE	0.130	36	0	0.47
BACKFILL ZONE	0.120	30	0	N/A
RETAINED ZONE *	0.120	30	0	N/A

*DESIGN WALL FOR THESE VALUES

WALL GEOMETRY

UNIT 1

LOCATION	WALL STATION	STH 32 STATION	OFFSET TO F.F. OF WALL	TOP OF WALL EL.	FINISHED GRADE EL.	BOTTOM OF WALL EL.
BEGIN WALL	209+80.99	372+77.29	45.51	1564.28	1563.70	1562.20
KINK PT.	209+89.97	372+77.35	36.53	1562.25	1558.45	1556.95
KINK PT.	209+98.33	372+77.41	28.17	1560.36	1558.37	1556.87
KINK PT.	210+00.00	372+77.41	26.50	1560.36	1558.37	1556.87
KINK PT.	211+68.71	374+45.26	26.50	1551.43	1549.12	1547.62
KINK PT.	211+70.38	374+45.26	28.17	1551.43	1549.12	1547.62
KINK PT.	211+75.02	374+45.37	32.81	1552.51	1549.12	1547.62
END WALL	211+82.98	374+45.49	40.77	1554.37	1553.79	1552.29

UNIT 2

LOCATION	WALL STATION	STH 32 STATION	OFFSET TO F.F. OF WALL	TOP OF WALL EL.	FINISHED GRADE EL.	BOTTOM OF WALL EL.
BEGIN WALL	219+86.86	374+49.46	39.64	1553.79	1553.20	1551.70
KINK PT.	219+93.87	374+49.40	32.63	1551.57	1549.12	1547.62
KINK PT.	219+98.32	374+49.33	28.18	1550.17	1548.96	1547.46
KINK PT.	220+02.75	374+49.27	26.50	1550.07	1548.76	1547.26
KINK PT.	220+41.00	374+90.02	26.50	1548.05	1546.71	1545.21
END WALL	220+50.98	375+00.00	26.50	1546.18	1546.18	1544.68

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-21-3

DRAWN BY JRM | PLANS CK'D AJC

CROSS SECTIONS AND QUANTITIES

SHEET 3 OF 4
286

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STATE PROJECT NUMBER

9130-03-72

BEGIN WALL R-21-3-1
STA 209+80.99 WALL =
STA 372+77.29 STH 32,
45.51' LT

PI STA 210+00.00 WALL =
STA 372+77.41 STH 32,
26.50' LT

℄ R-21-3-1

211+00

BORING B-2

R-21-3-1

END WALL R-21-3-1
STA 211+82.98 WALL =
STA 374+45.49 STH 32,
40.77' LT

PI STA 211+68.71 WALL =
STA 374+45.26 STH 32,
26.50' LT

BEGIN WALL R-21-3-2
STA 219+86.86 WALL =
STA 374+49.46 STH 32,
39.64' LT

PI STA 220+00.00 WALL =
STA 374+49.27 STH 32,
26.50' LT

END WALL R-21-3-2
STA 220+50.98 WALL =
STA 375+00.00 STH 32,
26.50' LT

℄ R-21-3-2

220+00

BORING B-1

R-21-3-2

℄ STH 32

STH 32

373+00

374+00

375+00

PLAN

BORING *	DATE COMPLETED	NORTHING (Y)	EASTING (X)
B-1	10/4/2019	522743.25	900430.28
B-2	10/4/2019	522757.24	900566.57
BORINGS AND REPORT COMPLETED BY: AET			
4203 SCHOFIELD AVE, SCHOFIELD, WI 54476			
ALL COORDINATES REFERENCED TO WISCRS - FOREST NAD83 (2011) USF			

ASPHALT PAVEMENT

BORING B-2
EL. 1554.60

FILL, GRAVELLY SAND AND SILT, FINE TO COARSE GRAINED, BROWN, MOIST (SP-SM)

SILTY SAND WITH GRAVEL, FINE TO MEDIUM GRAINED, MOTTLED BROWN AND GRAY, MOIST , MEDIUM DENSE (SM)

22

SAND WITH SILT AND GRAVEL, FINE TO COARSE GRAINED, BROWN, MOIST, LOOSE TO DENSE (SW-SM)

35

8

SILTY SAND WITH GRAVEL, FINE TO COARSE GRAINED, BROWN, MOIST, MEDIUM DENSE (SM)

16

GRAVELLY SILTY SAND, FINE TO COARSE GRAINED, BROWN, MOIST, VERY DENSE (SM)

56

ASPHALT PAVEMENT

BORING B-1
EL. 1547.30

FILL, GRAVELLY SAND WITH SILT, FINE TO COARSE GRAINED, BROWN MOIST (SP-SM).

29

FILL, SILTY SAND WITH GRAVEL, FINE TO COARSE GRAINED, BROWN, MOIST (SM).

FILL, SAND WITH SILT AND GRAVEL, FINE TO COARSE GRAINED, BROWN, MOIST (SW-SM).

20

SAND WITH SILT AND GRAVEL, FINE TO COARSE GRAINED, BROWN , MOIST, MEDIUM DENSE (SW-SM)

27

SILTY SAND WITH GRAVEL, FINE TO MEDIUM GRAINED, BROWN, MOIST, DENSE (SM)

33

SILTY SAND, FINE TO MEDIUM GRAINED, A LITTLE GRAVEL, BROWN, MOIST, DENSE TO VERY DENSE (SM).

41

1555
1550
1545
1540
1535
1530

ELEVATION

MATERIAL SYMBOLS

ASPHALT | FILL | SILTY SAND WITH GRAVEL

SAND | SAND WITH SILT | GRAVELLY SILTY SAND

LEGEND OF BORING

(1) UNCONFINED STRENGTH X.XX

BORING NO.
ELEV.

(2) 'N' VALUE 7

F-C COBBLE OR BOULDER

WEATHERED LIMESTONE

CORE RUN #1 - 24'-29'
REC=80%, RQD=72%

(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

AT TIME OF DRILLING: NOT ENCOUNTERED

AFTER DRILLING: NO MEASUREMENT RECORDED

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

SOIL BORINGS

DENOTES SOIL BORING LOCATION

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-21-3

DRAWN BY JRM | PLANS CK'D AJC

SUBSURFACE EXPLORATION

SHEET 4 OF 4
287

8

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STH 32 NB PAVEMENT REPLACEMENT - STA 331+07 TO STA 360+00 - DIVISION 1 - STAGE 2

		AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		
	DISTANCE	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1 1.00	EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
331+07	0	11	2	0	0	0	0	0
331+50	43	11	1	18	2	18	3	16
332+00	50	11	1	20	2	38	5	33
332+50	50	11	1	20	2	58	8	51
333+00	50	11	1	20	2	78	10	68
333+05	5	11	1	2	0	80	10	70
333+29	24	11	1	10	1	90	11	79
333+50	21	62	6	28	3	118	15	103
334+00	50	67	10	119	15	237	34	203
334+50	50	61	12	119	20	356	59	297
335+00	50	47	8	100	19	456	83	374
335+50	50	34	4	75	11	531	96	435
335+60	10	38	10	13	3	544	100	444
336+00	40	32	0	52	7	596	109	487
336+50	50	24	1	52	1	648	110	538
337+00	50	18	2	39	3	687	114	573
337+50	50	26	1	41	3	728	118	611
338+00	50	25	1	47	2	775	120	655
338+08	8	26	1	8	0	783	120	663
338+50	42	30	1	44	2	827	123	705
339+00	50	47	0	71	1	898	124	774
339+20	20	50	0	36	0	934	124	810
339+28	8	47	0	14	0	948	124	824
339+36	8	40	0	13	0	961	124	837
339+43	7	30	0	9	0	970	124	846
339+50	7	32	0	8	0	978	124	854
340+00	50	37	0	64	0	1042	124	918
340+14	14	40	0	20	0	1062	124	938
340+50	36	50	0	60	0	1122	124	998
340+97	47	45	1	83	1	1205	125	1080
341+00	3	49	1	5	0	1210	125	1085
341+15	15	13	0	17	0	1227	125	1102
341+36	21	31	0	17	0	1244	125	1119
341+45	9	31	0	10	0	1254	125	1129
341+50	5	32	0	6	0	1260	125	1135
341+80	30	24	0	31	0	1291	125	1166
342+00	20	17	1	15	0	1306	125	1181
342+50	50	10	1	25	2	1331	128	1204
343+00	50	10	0	19	1	1350	129	1221
343+50	50	10	1	19	1	1369	130	1239
344+00	50	10	1	19	2	1388	133	1256
344+50	50	11	1	19	2	1407	135	1272
345+00	50	11	1	20	2	1427	138	1290
345+50	50	11	1	20	2	1447	140	1307
346+00	50	11	1	20	2	1467	143	1325
346+50	50	12	1	21	2	1488	145	1343
347+00	50	10	1	20	2	1508	148	1361
347+50	50	10	1	19	2	1527	150	1377
348+00	50	9	2	18	3	1545	154	1391
348+50	50	9	1	17	3	1562	158	1405
349+00	50	10	1	18	2	1580	160	1420
349+50	50	11	1	19	2	1599	163	1437
349+78	28	11	1	11	1	1610	164	1446
350+00	22	11	1	9	1	1619	165	1454
350+50	50	11	1	20	2	1639	168	1472
351+00	50	12	1	21	2	1660	170	1490
351+30	30	12	1	13	1	1673	171	1502
351+50	20	12	1	9	1	1682	173	1510
352+00	50	12	1	22	2	1704	175	1529
352+50	50	12	1	22	2	1726	178	1549
353+00	50	12	1	22	2	1748	180	1568
353+50	50	12	0	22	1	1770	181	1589
354+00	50	12	1	22	1	1792	183	1610
354+50	50	10	2	20	3	1812	186	1626
355+00	50	10	3	19	5	1831	193	1639
355+50	50	9	2	18	5	1849	199	1650
356+03	53	10	1	19	3	1868	203	1666
356+50	47	11	1	18	2	1886	205	1681
357+00	50	11	1	20	2	1906	208	1699
357+17	17	12	1	7	1	1913	209	1704
357+50	33	11	1	14	1	1927	210	1717
357+85	35	11	2	14	2	1941	213	1729
358+00	15	11	2	6	1	1947	214	1733
358+10	10	11	2	4	1	1951	215	1736
358+50	40	11	2	16	3	1967	219	1748
359+00	50	12	2	21	4	1988	224	1764
359+21	21	12	3	9	2	1997	226	1771
359+50	29	12	2	13	3	2010	230	1780
359+61	11	12	2	5	1	2015	231	1784
359+77	16	12	2	7	1	2022	233	1790
360+00	23	12	2	10	2	2032	235	1797
			TOTALS	2032	188			

STH 32 NB - OUTFALL DITCHING - STA 333+00 TO STA 333+29 - DIVISION 1 - STAGE 2

		AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		
STATION	DISTANCE	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1 1.00	EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
333+00	0	17	0	0	0	0	0	0
333+05	5	53	0	6	0	6	0	6
333+29	24	22	0	33	0	39	0	39
			TOTALS	39	0			

CTH C - STA 10+50 TO STA 10+60 - DIVISION 1 - STAGE 2

		AREA (SF)		INCREMENTAL VOLUME (CY) (UNADJUSTED)		CUMULATIVE VOLUME (CY)		
STATION	DISTANCE	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1 1.00	EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
10+00	0	0	0	0	0	0	0	0
10+50	50	42	0	39	0	39	0	39
10+60	10	44	0	16	0	55	0	55
			TOTALS	55	0			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
2 - FILL	DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT AREA/VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SECTION 3 SUMMARY SHEET.
3 - EXPANDED MATERIAL	(UNEXPANDED MATERIAL)*(EXPANSION FACTOR)
4 - MASS ORDINATE	CUT - (EXPANDED FILL); POSITIVE. INDICATES AN EXCESS OF MATERIAL

STH 32 NB PAVEMENT REPLACEMENT - STA 360+00 TO STA 380+00 - DIVISION 1 - STAGE 2

	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
360+00	0	12	2	0	0	0	0	0
360+21	1	12	3	0	0	0	0	0
360+50	2	12	3	1	0	1	0	1
360+66	3	13	3	1	0	2	0	2
360+88	4	13	2	2	0	4	0	4
361+00	5	13	2	2	0	6	0	6
361+50	6	12	2	3	0	9	0	9
362+00	7	12	1	3	0	12	0	12
362+50	8	12	1	4	0	16	0	16
363+00	9	12	1	4	0	20	0	20
363+50	10	12	1	4	0	24	0	24
363+56	11	12	1	5	0	29	0	29
363+72	12	12	1	5	0	34	0	34
364+00	13	12	1	6	0	40	0	40
364+24	14	12	1	6	1	46	1	45
364+50	15	12	1	7	1	53	3	51
364+75	16	12	1	7	1	60	4	56
364+79	17	13	1	8	1	68	5	63
364+95	18	13	1	9	1	77	6	71
365+00	19	13	1	9	1	86	8	79
365+50	20	13	1	10	1	96	9	87
366+00	21	12	1	10	1	106	10	96
366+50	22	11	1	9	1	115	11	104
367+00	23	11	1	9	1	124	13	112
367+50	24	11	1	10	1	134	14	120
368+00	25	11	1	10	1	144	15	129
368+50	26	11	1	11	1	155	16	139
368+94	27	11	1	11	1	166	18	149
369+00	28	11	1	11	1	177	19	158
369+50	29	11	1	12	1	189	20	169
369+55	30	11	1	12	1	201	21	180
370+00	31	11	3	13	2	214	24	190
370+30	32	10	1	12	2	226	26	200
370+50	33	10	3	12	2	238	29	209
370+88	34	9	4	12	4	250	34	216
371+00	35	9	2	12	4	262	39	223
371+50	36	15	0	16	1	278	40	238
371+71	37	15	0	21	0	299	40	259
372+00	38	11	0	18	0	317	40	277
372+24	39	12	1	17	1	334	41	293
372+42	40	12	4	18	4	352	46	306
372+50	41	12	5	18	7	370	55	315
372+63	42	12	6	19	9	389	66	323
372+71	43	12	7	19	10	408	79	329
372+79	44	11	8	19	12	427	94	333
373+00	45	12	5	19	11	446	108	339
373+50	46	17	4	25	8	471	118	354
373+62	47	29	2	40	5	511	124	387
373+84	48	28	0	51	2	562	126	436
374+00	49	33	0	55	0	617	126	491
374+23	50	4	0	34	0	651	126	525
374+50	51	0	0	4	0	655	126	529
374+80	52	9	1	9	1	664	128	537
374+88	53	9	3	18	4	682	133	550
375+00	54	9	9	18	12	700	148	553
375+10	55	9	12	18	21	718	174	544
375+24	56	19	14	29	27	747	208	540
375+50	57	21	10	42	25	789	239	550
375+85	58	24	7	48	18	837	261	576
375+90	59	24	7	52	15	889	280	609
376+00	60	22	5	51	13	940	296	644
376+20	61	28	0	56	6	996	304	692
376+50	62	22	4	57	5	1053	310	743
377+00	63	23	3	53	8	1106	320	786
377+05	64	21	3	52	7	1158	329	829
377+26	65	35	0	67	4	1225	334	891
377+35	66	34	0	84	0	1309	334	975
377+72	67	24	4	72	5	1381	340	1041
378+00	68	24	8	60	15	1441	359	1082
378+17	69	23	8	60	20	1501	384	1117
378+50	70	22	10	58	23	1559	413	1147
378+77	71	23	8	59	24	1618	443	1176
379+00	72	23	6	61	19	1679	466	1213
379+50	73	32	0	74	8	1753	476	1277
379+84	74	11	7	59	10	1812	489	1323
379+92	75	12	3	32	14	1844	506	1338
380+00	76	37	2	69	7	1913	515	1398
			TOTALS	1913	412			

STH 32 NB PAVEMENT REPLACEMENT - STA 380+00 TO STA 405+03 - DIVISION 1 - STAGE 2

	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
380+00	0	37	2	0	0	0	0	0
380+02	2	46	2	3	0	3	0	3
380+25	23	45	1	39	1	42	1	41
380+50	25	35	1	37	1	79	3	77
380+75	25	32	0	31	0	110	3	108
381+00	25	34	0	31	0	141	3	139
381+25	25	32	1	31	0	172	3	170
381+32	7	34	1	9	0	181	3	179
381+40	8	19	1	8	0	189	3	187
381+47	7	13	1	4	0	193	3	191
381+50	3	11	1	1	0	194	3	192
381+75	25	11	1	10	1	204	4	200
381+84	9	11	2	4	1	208	5	203
381+92	8	89	1	15	0	223	5	218
382+00	8	101	1	28	0	251	5	246
382+14	14	11	1	29	1	280	6	274
382+50	36	13	0	16	1	296	8	289
383+00	50	9	2	20	2	316	10	306
383+47	47	10	0	17	2	333	13	321
383+50	3	9	0	1	0	334	13	322
383+63	13	9	0	4	0	338	13	326
384+00	37	12	0	14	0	352	13	340
384+07	7	13	0	3	0	355	13	343
384+50	43	9	10	18	8	373	23	351
384+57	7	0	5	1	2	374	25	349
385+00	43	28	0	22	4	396	30	366
385+32	32	1	0	17	0	413	30	383
385+50	18	10	0	4	0	417	30	387
386+00	50	10	0	19	0	436	30	406
386+50	50	8	1	17	1	453	31	422
386+80	30	9	0	9	1	462	33	430
387+00	20	9	1	7	0	469	33	437
387+50	50	13	0	20	1	489	34	455
387+95	45	11	0	20	0	509	34	475
388+00	5	11	0	2	0	511	34	477
388+50	50	12	0	21	0	532	34	498
388+71	21	13	0	10	0	542	34	508
389+00	29	13	0	14	0	556	34	522
389+14	14	14	0	7	0	563	34	529
389+50	36	12	0	17	0	580	34	546
390+00	50	11	0	21	0	601	34	567
390+24	24	11	0	10	0	611	34	577
390+50	26	12	1	11	0	622	34	588
390+70	20	13	0	9	0	631	34	597
391+00	30	16	0	16	0	647	34	613
391+10	10	13	0	5	0	652	34	618
391+50	40	11	0	18	0	670	34	636
392+00	50	10	0	19	0	689	34	655
392+50	50	8	0	17	0	706	34	672
393+00	50	8	0	15	0	721	34	687
393+50	50	9	0	16	0	737	34	703
394+00	50	9	1	17	1	754	35	719
394+25	25	9	0	8	0	762	35	727
394+50	25	8	0	8	0	770	35	735
395+00	50	9	0	16	0	786	35	751
395+20	20	9	0	7	0	793	35	758
395+50	30	10	0	11	0	804	35	769
396+00	50	8	0	17	0	821	35	786
396+50	50	8	0	15	0	836	35	801
397+00	50	8	0	15	0	851	35	816
397+50	50	8	0	15	0	866	35	831
398+00	50	30	0	35	0	901	35	866
398+50	50	10	0	37	0	938	35	903
399+00	50	10	0	19	0	957	35	922
399+50	50	9	0	18	0	975	35	940
400+00	50	9	0	17	0	992	35	957
400+48	48	9	0	16	0	1008	35	973
400+50	2	9	0	1	0	1009	35	974
401+00	50	9	0	17	0	1026	35	991
401+16	16	11	0	6	0	1032	35	997
401+50	34	10	1	13	1	1045	36	1009
402+00	50	13	0	21	1	1066	38	1029
402+50	50	10	1	21	1	1087	39	1048
403+00	50	10	1	19	2	1106	41	1065
403+19	19	10	1	7	1	1113	43	1071
403+50	31	11	1	12	1	1125	44	1081
404+00	50	9	2	19	3	1144	48	1097
404+06	6	9	2	2	0	1146	48	1099
404+50	44	9	1	15	2	1161	50	1111
405+00	50	9	8	17	8	1178	60	1118
405+03	3	9	9	1	1	1179	61	1118
			TOTALS	1179	49			

SEE GENERAL NOTES ON THE FIRST EARTHWORK SHEET FOR ADDITIONAL INFORMATION

STH 32 SB PAVEMENT REPLACEMENT - STA 331+07 TO STA 360+00 - DIVISION 2 - STAGE 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
331+07	0	36	6	0	0	0	0	0
331+50	43	29	5	52	9	52	11	41
332+00	50	21	6	46	10	98	24	74
332+50	50	10	10	29	15	127	43	85
333+00	50	10	12	19	20	146	68	79
333+05	5	10	12	2	2	148	70	78
333+29	24	11	13	9	11	157	84	73
333+50	21	11	13	9	10	166	96	70
334+00	50	11	11	20	22	186	124	62
334+50	50	11	10	20	19	206	148	59
335+00	50	11	11	20	19	226	171	55
335+50	50	11	10	20	19	246	195	51
335+60	10	12	11	4	4	250	200	50
336+00	40	9	8	16	14	266	218	49
336+50	50	10	8	18	15	284	236	48
337+00	50	10	6	19	13	303	253	51
337+50	50	10	6	19	11	322	266	56
338+00	50	11	2	19	7	341	275	66
338+08	8	25	0	5	0	346	275	71
338+50	42	10	5	27	4	373	280	93
339+00	50	10	6	19	10	392	293	100
339+20	20	22	0	12	2	404	295	109
339+28	8	12	2	5	0	409	295	114
339+36	8	11	7	3	1	412	296	116
339+43	7	11	7	3	2	415	299	116
339+50	7	11	7	3	2	418	301	117
340+00	50	10	7	19	13	437	318	120
340+14	14	19	0	8	2	445	320	125
340+50	36	11	5	20	3	465	324	141
340+97	47	24	0	30	4	495	329	166
341+00	3	24	0	3	0	498	329	169
341+15	15	11	5	10	1	508	330	178
341+36	21	23	0	13	2	521	333	189
341+45	9	10	6	6	1	527	334	193
341+50	5	9	6	2	1	529	335	194
341+80	30	10	1	11	4	540	340	200
342+00	20	10	3	7	1	547	341	206
342+50	50	10	5	19	7	566	350	216
343+00	50	9	3	18	7	584	359	225
343+50	50	9	3	17	6	601	366	235
344+00	50	32	0	38	3	639	370	269
344+50	50	13	6	42	6	681	378	304
345+00	50	9	5	20	10	701	390	311
345+50	50	10	6	18	10	719	403	317
346+00	50	11	6	19	11	738	416	322
346+50	50	13	9	22	14	760	434	326
347+00	50	10	10	21	18	781	456	325
347+50	50	9	12	18	20	799	481	318
348+00	50	9	10	17	20	816	506	310
348+50	50	9	9	17	18	833	529	304
349+00	50	9	10	17	18	850	551	299
349+50	50	10	9	18	18	868	574	294
349+78	28	10	9	10	9	878	585	293
350+00	22	10	8	8	7	886	594	292
350+50	50	10	7	19	14	905	611	294
351+00	50	12	7	20	13	925	628	298
351+30	30	43	2	31	5	956	634	322
351+50	20	12	3	20	2	976	636	340
352+00	50	11	10	21	12	997	651	346
352+50	50	11	11	20	19	1017	675	342
353+00	50	12	10	21	19	1038	699	339
353+50	50	12	10	22	19	1060	723	338
354+00	50	11	9	21	18	1081	745	336
354+50	50	10	12	19	19	1100	769	331
355+00	50	9	13	18	23	1118	798	321
355+50	50	9	13	17	24	1135	828	308
356+03	53	16	10	25	23	1160	856	304
356+50	47	36	0	45	9	1205	868	338
357+00	50	25	4	56	4	1261	873	389
357+17	17	37	2	20	2	1281	875	406
357+50	33	21	2	35	2	1316	878	439
357+85	35	11	2	21	3	1337	881	456
358+00	15	10	2	6	1	1343	883	461
358+10	10	10	4	4	1	1347	884	463
358+50	40	12	3	16	5	1363	890	473
359+00	50	12	3	22	6	1385	898	488
359+21	21	13	4	10	3	1395	901	494
359+50	29	13	4	14	4	1409	906	503
359+61	11	14	4	6	2	1415	909	506
359+77	16	13	6	8	3	1423	913	511
360+00	23	30	9	18	6	1441	920	521
			TOTALS	1441	736			

STH 32 SB PAVEMENT REPLACEMENT - STA 360+00 TO STA 380+00 - DIVISION 2 - STAGE 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
360+00	0	14	4	0	0	0	0	0
359+77	-23	13	6	-12	-4	-12	-5	-7
360+00	23	30	9	18	6	6	3	4
360+21	21	33	0	25	4	31	8	24
360+50	29	29	5	33	3	64	11	53
360+66	16	13	7	12	4	76	16	60
360+88	22	13	4	11	4	87	21	66
361+00	12	12	4	6	2	93	24	69
361+50	50	12	3	22	6	115	31	84
362+00	50	12	2	22	5	137	38	100
362+50	50	10	2	20	4	157	43	115
363+00	50	10	2	19	4	176	48	129
363+50	50	12	3	20	5	196	54	142
363+56	6	13	2	3	1	199	55	144
363+72	16	36	10	15	4	214	60	154
364+00	28	40	0	39	5	253	66	187
364+24	24	37	5	34	2	287	69	218
364+50	26	20	2	27	3	314	73	242
364+75	25	19	2	18	2	332	75	257
364+79	4	13	0	2	0	334	75	259
364+95	16	13	10	8	3	342	79	263
365+00	5	13	8	2	2	344	81	263
365+50	50	11	4	22	11	366	95	271
366+00	50	11	4	20	7	386	104	282
366+50	50	11	6	20	9	406	115	291
367+00	50	10	6	19	11	425	129	296
367+50	50	10	5	19	10	444	141	303
368+00	50	10	4	19	8	463	151	312
368+50	50	11	6	19	9	482	163	320
368+94	44	11	5	18	9	500	174	326
369+00	6	11	5	2	1	502	175	327
369+50	50	11	4	20	8	522	185	337
369+55	5	11	4	2	1	524	186	338
370+00	45	11	3	18	6	542	194	348
370+30	30	17	0	16	2	558	196	362
370+50	20	10	4	10	1	568	198	371
370+88	38	10	5	14	6	582	205	377
371+00	12	10	5	4	2	586	208	379
371+50	50	14	8	22	12	608	223	386
371+71	21	39	0	21	3	629	226	403
372+00	29	40	0	42	0	671	226	445
372+24	24	23	0	28	0	699	226	473
372+42	18	12	0	12	0	711	226	485
372+50	8	7	0	3	0	714	226	488
372+63	13	10	0	4	0	718	226	492
372+71	8	10	0	3	0	721	226	495
372+79	8	11	20	3	3	724	230	494
373+00	21	14	18	10	15	734	249	485
373+50	50	10	19	22	34	756	291	465
373+62	12	12	18	5	8	761	301	460
373+84	22	13	17	10	14	771	319	452
374+00	16	14	18	8	10	779	331	448
374+23	23	13	18	12	15	791	350	441
374+50	27	24	12	19	15	810	369	441
374+80	30	16	13	22	14	832	386	446
374+88	8	12	30	4	6	836	394	442
375+00	12	27	7	9	8	845	404	441
375+10	10	16	11	8	3	853	408	446
375+24	14	20	10	9	5	862	414	448
375+50	26	11	6	15	8	877	424	453
375+85	35	16	2	18	5	895	430	465
375+90	5	16	2	3	0	898	430	468
376+00	10	12	9	5	2	903	433	471
376+20	20	16	2	10	4	913	438	476
376+50	30	12	7	16	5	929	444	485
377+00	50	12	7	22	13	951	460	491
377+05	5	12	8	2	1	953	461	492
377+26	21	15	3	11	4	964	466	498
377+35	9	20	4	6	1	970	468	503
377+72	37	54	0	51	3	1021	471	550
378+00	28	15	4	36	2	1057	474	583
378+17	17	16	4	10	3	1067	478	590
378+50	33	11	4	17	5	1084	484	600
378+77	27	15	2	13	3	1097	488	610
379+00	23	10	6	11	3	1108	491	617
379+50	50	11	3	19	8	1127	501	626
379+84	34	13	1	15	3	1142	505	637
379+92	8	13	1	4	0	1146	505	641
380+00	8	14	1	4	0	1150	505	645
			TOTALS	1150	404			

SEE GENERAL NOTES ON THE FIRST EARTHWORK SHEET FOR ADDITIONAL INFORMATION

STH 32 SB PAVEMENT REPLACEMENT - STA 380+00 TO STA 405+03 - DIVISION 2 - STAGE 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
380+00	0	13	1	0	0	0	0	0
380+02	2	14	1	1	0	1	0	1
380+25	23	14	1	12	1	13	1	12
380+50	25	13	3	13	2	26	4	22
380+75	25	14	1	13	2	39	6	33
381+00	25	13	0	13	0	52	6	46
381+25	25	23	0	17	0	69	6	63
381+32	7	12	0	5	0	74	6	68
381+40	8	11	1	3	0	77	6	71
381+47	7	11	2	3	0	80	6	74
381+50	3	11	1	1	0	81	6	75
381+75	25	11	1	10	1	91	8	84
381+84	9	12	2	4	1	95	9	86
381+92	8	11	1	3	0	98	9	89
382+00	8	11	1	3	0	101	9	92
382+14	14	11	2	6	1	107	10	97
382+50	36	12	2	15	3	122	14	108
383+00	50	12	1	22	3	144	18	127
383+15	15	13	0	7	0	151	18	134
383+50	35	13	0	17	0	168	18	151
383+63	13	16	0	7	0	175	18	158
384+00	37	13	0	20	0	195	18	178
384+07	7	39	0	7	0	202	18	185
384+50	43	39	0	62	0	264	18	247
384+57	7	12	0	7	0	271	18	254
385+00	43	12	0	19	0	290	18	273
385+32	32	21	0	20	0	310	18	293
385+50	18	12	0	11	0	321	18	304
386+00	50	9	0	19	0	340	18	323
386+50	50	8	0	16	0	356	18	339
386+80	30	9	0	9	0	365	18	348
387+00	20	10	0	7	0	372	18	355
387+50	50	11	0	19	0	391	18	374
387+95	45	11	0	18	0	409	18	392
388+00	5	10	0	2	0	411	18	394
388+50	50	10	0	19	0	430	18	413
388+71	21	9	0	7	0	437	18	420
389+00	29	11	0	11	0	448	18	431
389+14	14	9	0	5	0	453	18	436
389+50	36	10	0	13	0	466	18	449
390+00	50	11	0	19	0	485	18	468
390+24	24	12	0	10	0	495	18	478
390+50	26	12	0	12	0	507	18	490
390+70	20	30	0	16	0	523	18	506
391+00	30	35	0	36	0	559	18	542
391+10	10	21	0	10	0	569	18	552
391+50	40	12	0	24	0	593	18	576
392+00	50	9	0	19	0	612	18	595
392+50	50	9	0	17	0	629	18	612
393+00	50	9	0	17	0	646	18	629
393+50	50	10	0	18	0	664	18	647
394+00	50	10	0	19	0	683	18	666
394+25	25	19	0	13	0	696	18	679
394+50	25	45	0	30	0	726	18	709
395+00	50	17	0	57	0	783	18	766
395+20	20	13	0	11	0	794	18	777
395+50	30	11	0	13	0	807	18	790
396+00	50	11	0	20	0	827	18	810
396+50	50	10	0	19	0	846	18	829
397+00	50	10	0	19	0	865	18	848
397+50	50	10	0	19	0	884	18	867
398+00	50	11	0	19	0	903	18	886
398+50	50	38	0	45	0	948	18	931
399+00	50	13	0	47	0	995	18	978
399+50	50	11	0	22	0	1017	18	1000
400+00	50	10	0	19	0	1036	18	1019
400+48	48	10	0	18	0	1054	18	1037
400+50	2	9	0	1	0	1055	18	1038
401+00	50	9	0	17	0	1072	18	1055
401+16	16	11	0	6	0	1078	18	1061
401+50	34	13	0	15	0	1093	18	1076
402+00	50	62	0	69	0	1162	18	1145
402+50	50	12	0	69	0	1231	18	1214
403+00	50	13	0	23	0	1254	18	1237
403+19	19	10	1	8	0	1262	18	1245
403+50	31	11	0	12	1	1274	19	1255
404+00	50	11	1	20	1	1294	20	1274
404+06	6	11	1	2	0	1296	20	1276
404+50	44	11	1	18	2	1314	23	1292
405+00	50	10	3	19	4	1333	28	1306
405+03	3	10	7	1	1	1334	29	1305
			TOTALS	1334	23			

STH 32 SB RURAL DITCHING - STA 328+70 TO STA 331+07 - DIVISION 2 - STAGE 4

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
328+70	0	0	0	0	0	0	0	0
329+00	30	1	0	1	0	1	0	1
329+50	50	2	0	3	0	4	0	4
330+00	50	3	0	5	0	9	0	9
330+50	50	20	0	21	0	30	0	30
330+85	35	31	0	33	0	63	0	63
331+00	15	33	0	18	0	81	0	81
331+07	7	0	0	4	0	85	0	85
			TOTALS	85	0			

RIVER ST (EAST) - STA 19+30 TO STA 19+49 - DIVISION 2 - STAGE 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
19+30	0	35	0	0	0	0	0	0
19+40	10	54	0	16	0	16	0	16
19+42	2	62	0	4	0	20	0	20
19+49	7	65	0	16	0	36	0	36
			TOTALS	36	0			

ELM AVE - STA 39+25 TO STA 39+56 - DIVISION 2 - STAGE 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
39+25	0	46	0	0	0	0	0	0
39+50	25	92	0	64	0	64	0	64
39+52	2	90	0	7	0	71	0	71
39+56	4	73	0	12	0	83	0	83
			TOTALS	83	0			

SEE GENERAL NOTES ON THE FIRST EARTHWORK SHEET FOR ADDITIONAL INFORMATION

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PROJECT NO: 9130-03-72 | HWY: STH 32 | COUNTY: FOREST | EARTHWORK DATA | SHEET 291 | E

EAST AVE - STA 49+20 TO STA 49+55 - DIVISION 2 - STAGE 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
49+20	0	26	0	0	0	0	0	0
49+50	30	30	0	31	0	31	0	31
49+54	4	49	0	6	0	37	0	37
49+55	1	45	0	2	0	39	0	39
			TOTALS	39	0			

JONES AVE - STA 69+20 TO STA 69+52 - DIVISION 2 - STAGE 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
69+20	0	28	0	0	0	0	0	0
69+40	20	28	1	21	0	21	0	21
69+42	2	28	2	2	0	23	0	23
69+50	8	28	7	8	1	31	1	30
69+52	2	28	3	2	0	33	1	32
			TOTALS	33	1			

PEARL AVE - STA 59+20 TO STA 59+55 - DIVISION 2 - STAGE 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
59+20	0	35	0	0	0	0	0	0
59+50	30	54	0	49	0	49	0	49
59+55	5	54	1	10	0	59	0	59
			TOTALS	59	0			

CRANDON AVE - STA 89+25 TO STA 89+51 - DIVISION 2 - STAGE 3

STATION	DISTANCE	AREA (SF) CUT NOTE 1	AREA (SF) FILL NOTE 2	INCREMENTAL VOLUME (CY) (UNADJUSTED) CUT NOTE 1	INCREMENTAL VOLUME (CY) (UNADJUSTED) FILL NOTE 2	CUMULATIVE VOLUME (CY) CUT NOTE 1 1.00	CUMULATIVE VOLUME (CY) EXPANDED FILL NOTE 3 1.25	MASS ORDINATE NOTE 4
89+25	0	28	0	0	0	0	0	0
89+45	20	44	0	27	0	27	0	27
89+51	6	55	0	11	0	38	0	38
			TOTALS	38	0			

SEE GENERAL NOTES ON THE FIRST EARTHWORK SHEET FOR ADDITIONAL INFORMATION

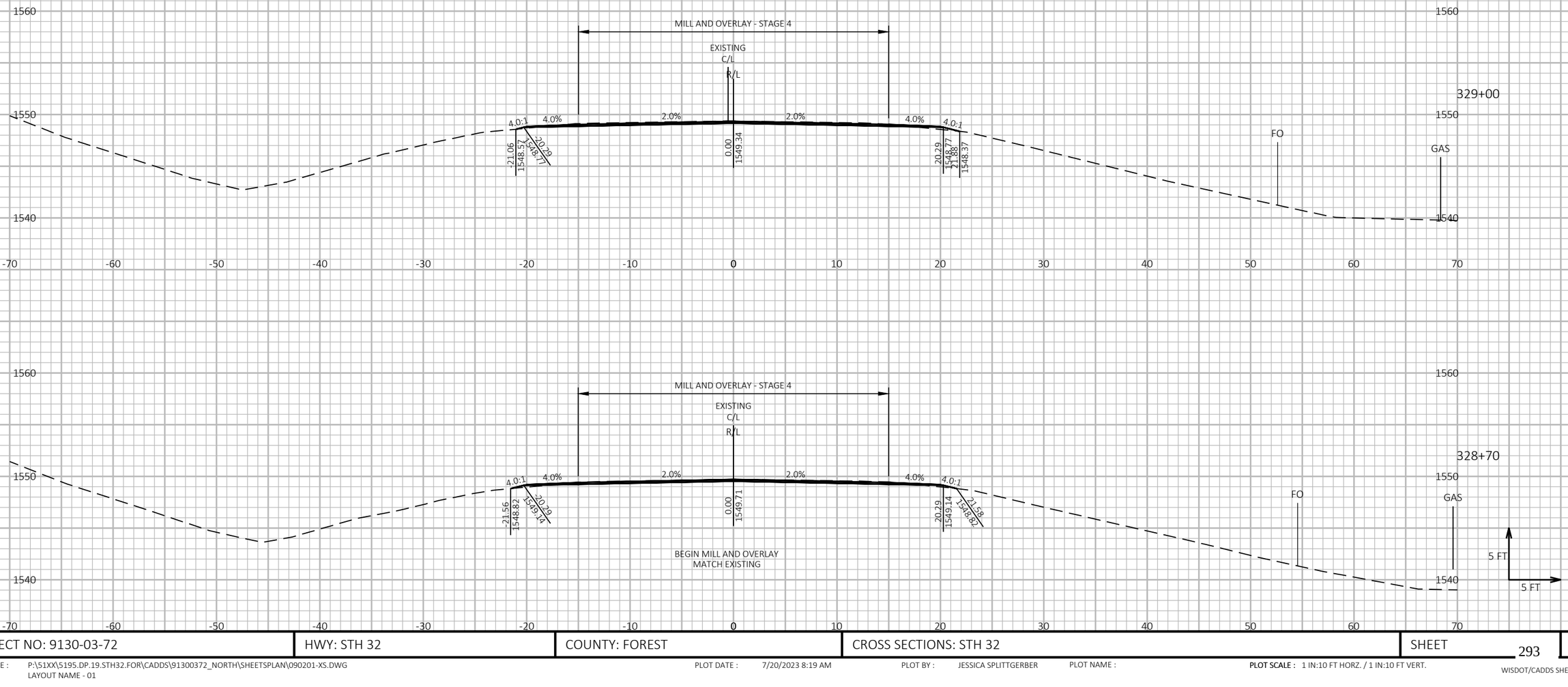
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	EARTHWORK DATA	SHEET 292	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 05

PLOT DATE : 10/12/2023 12:11 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

NOTE
REFERENCE LINE ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED SURFACE IN MILL AND OVERLAY SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 293	E

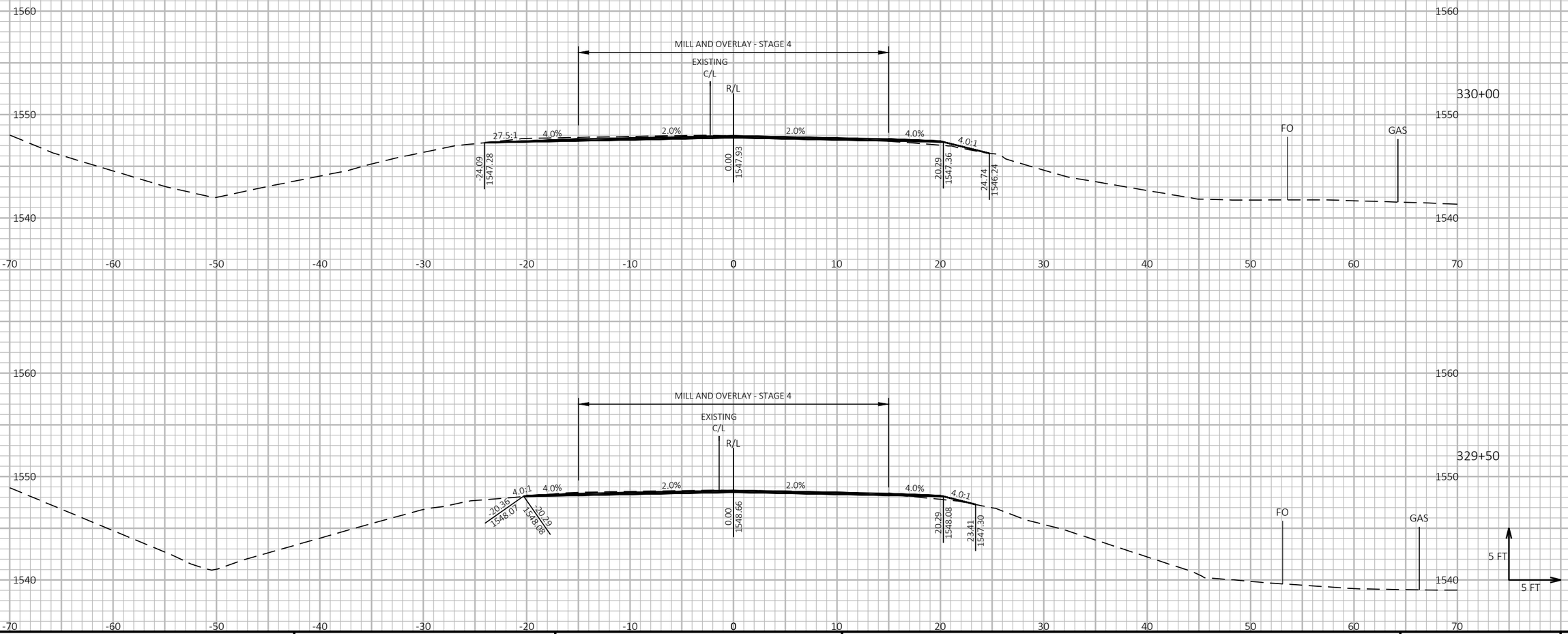
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 7/20/2023 8:19 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
REFERENCE LINE ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED SURFACE IN MILL AND OVERLAY SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 294	E

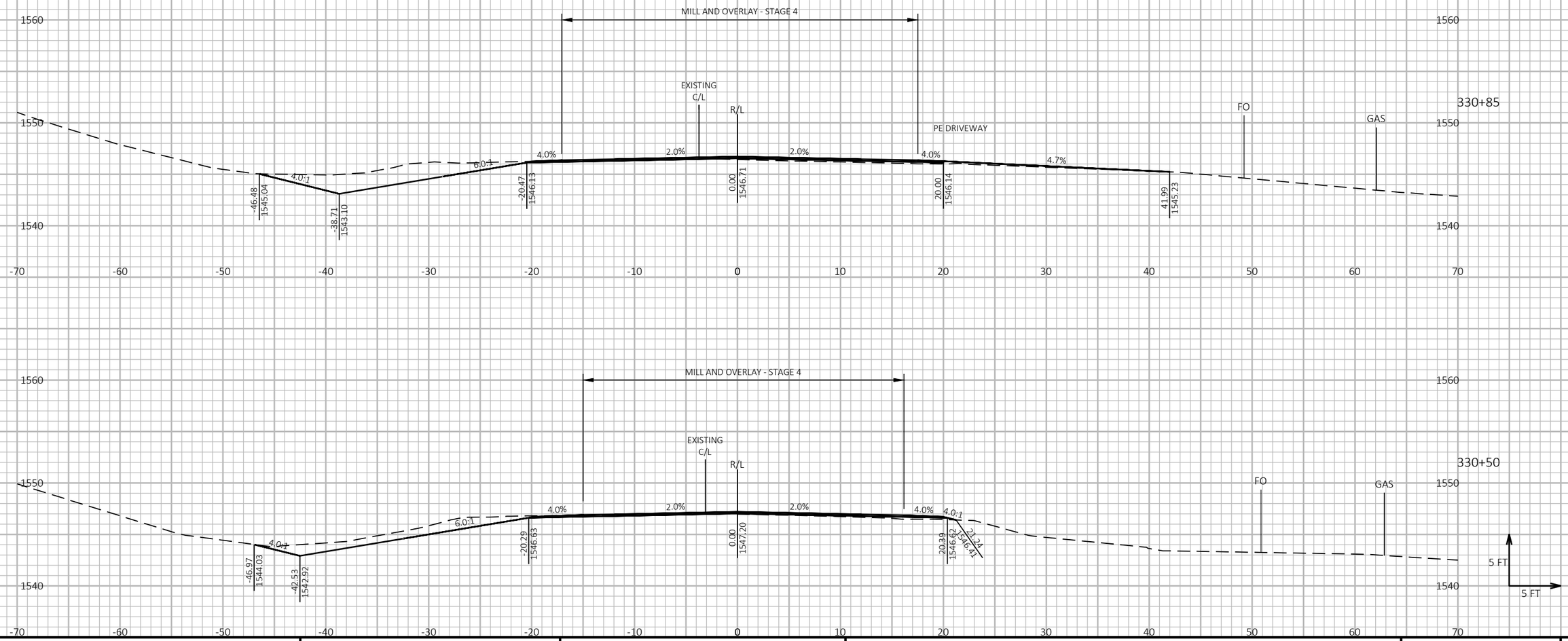
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 02

PLOT DATE : 7/20/2023 8:19 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
REFERENCE LINE ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED SURFACE IN MILL AND OVERLAY SECTION.



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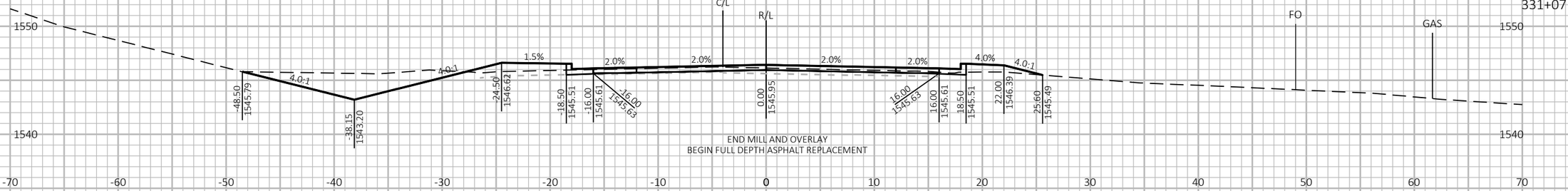
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 295	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 03

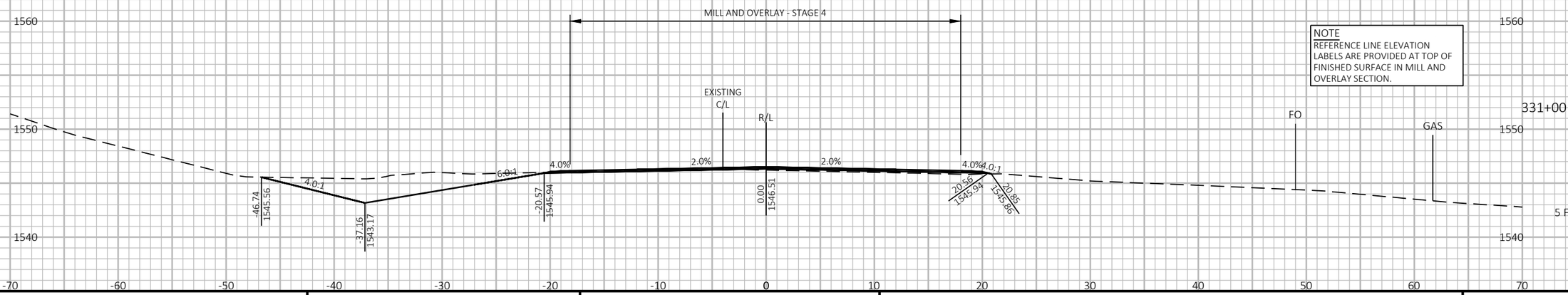
PLOT DATE : 7/20/2023 8:19 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49



NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



NOTE
REFERENCE LINE ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED SURFACE IN MILL AND OVERLAY SECTION.

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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 296	E

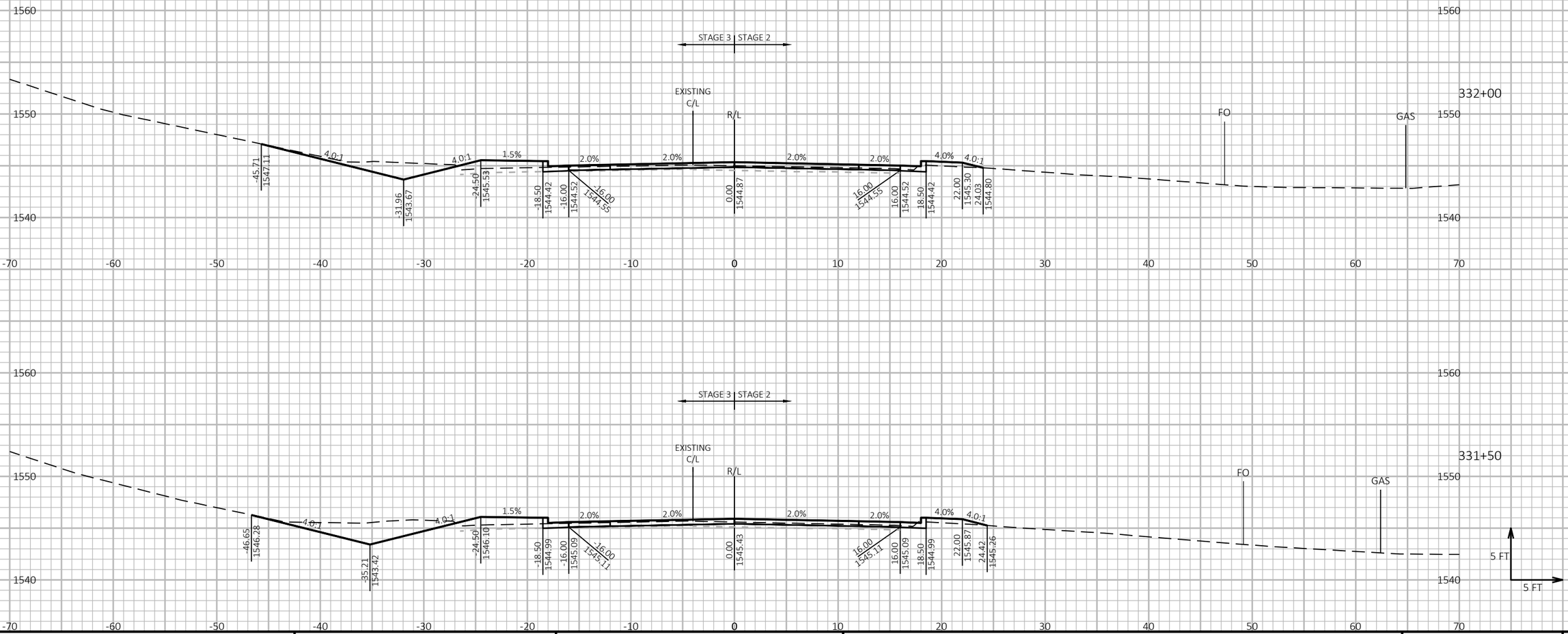
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 7/20/2023 8:19 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 297	E

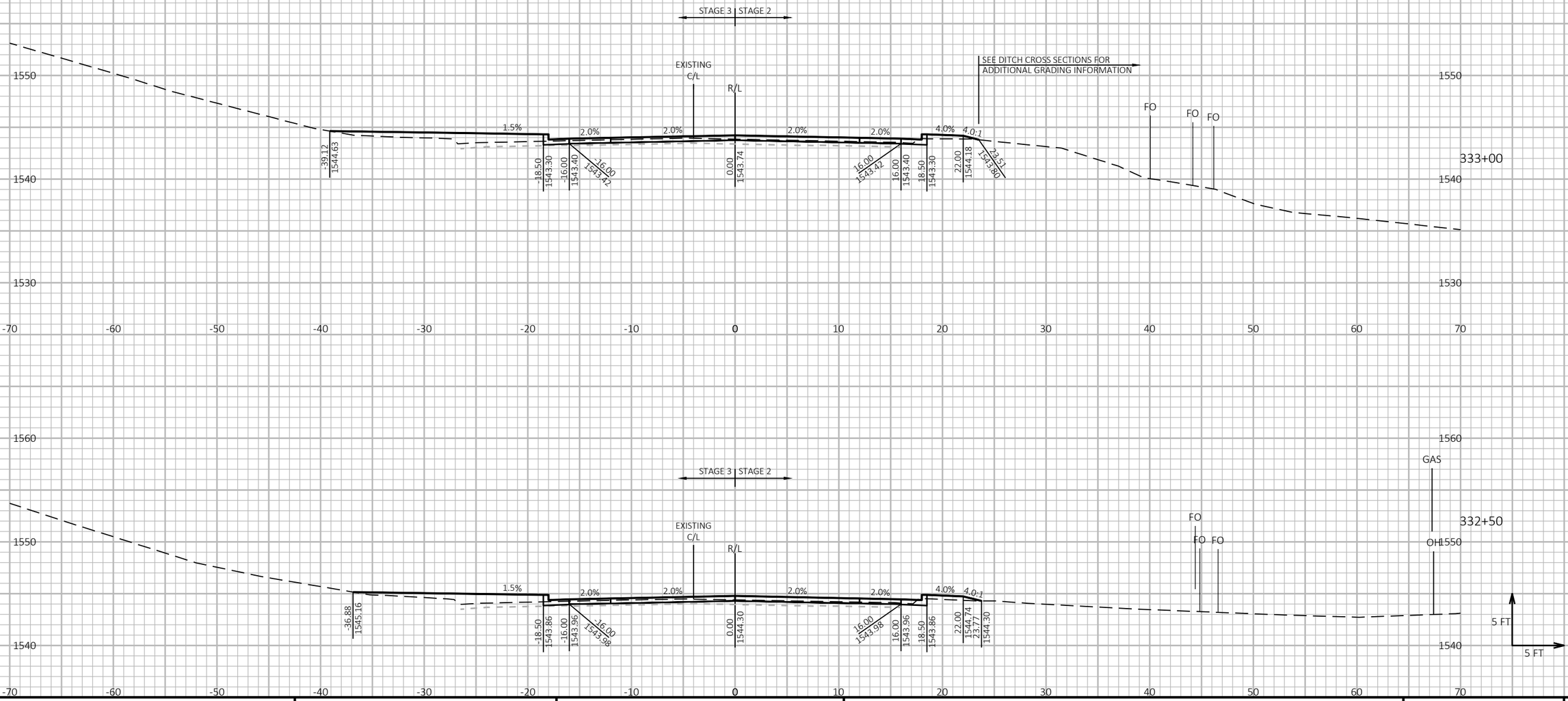
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 05

PLOT DATE : 7/20/2023 8:20 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

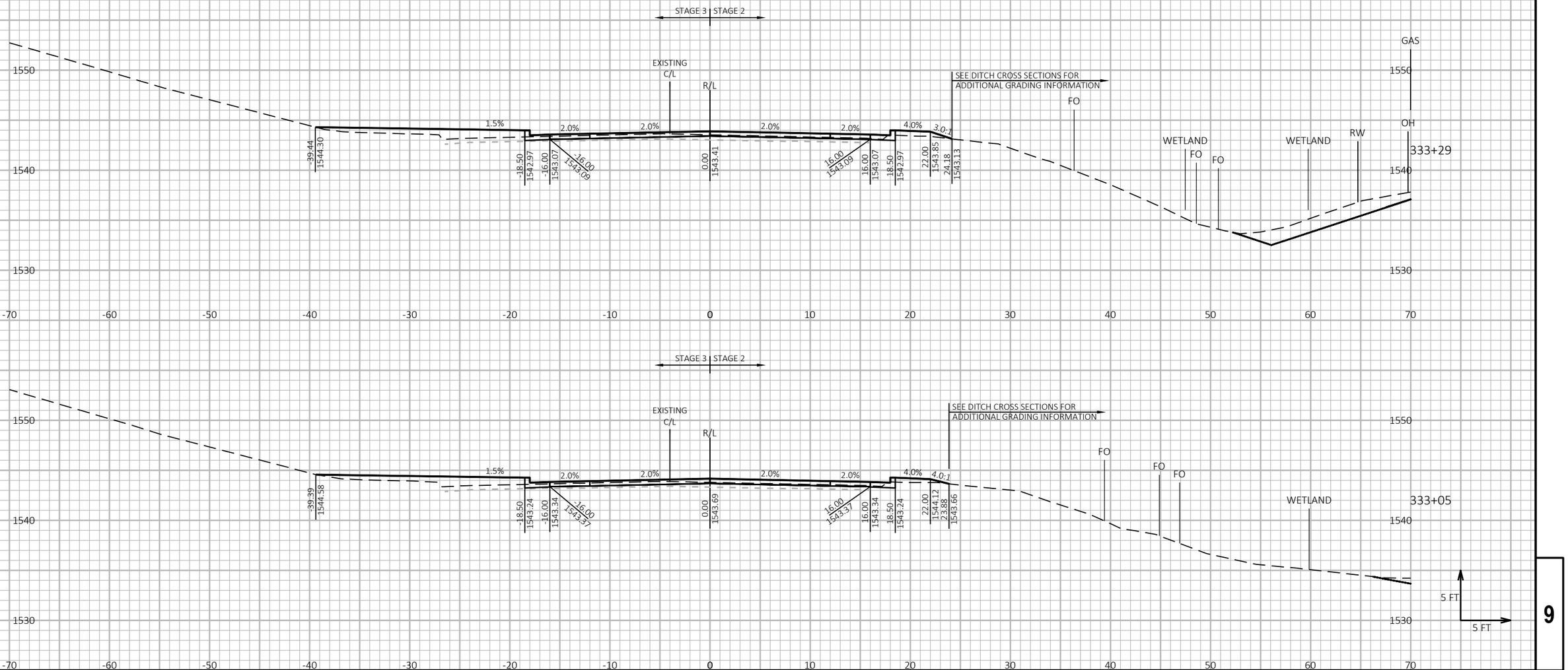
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 299	E

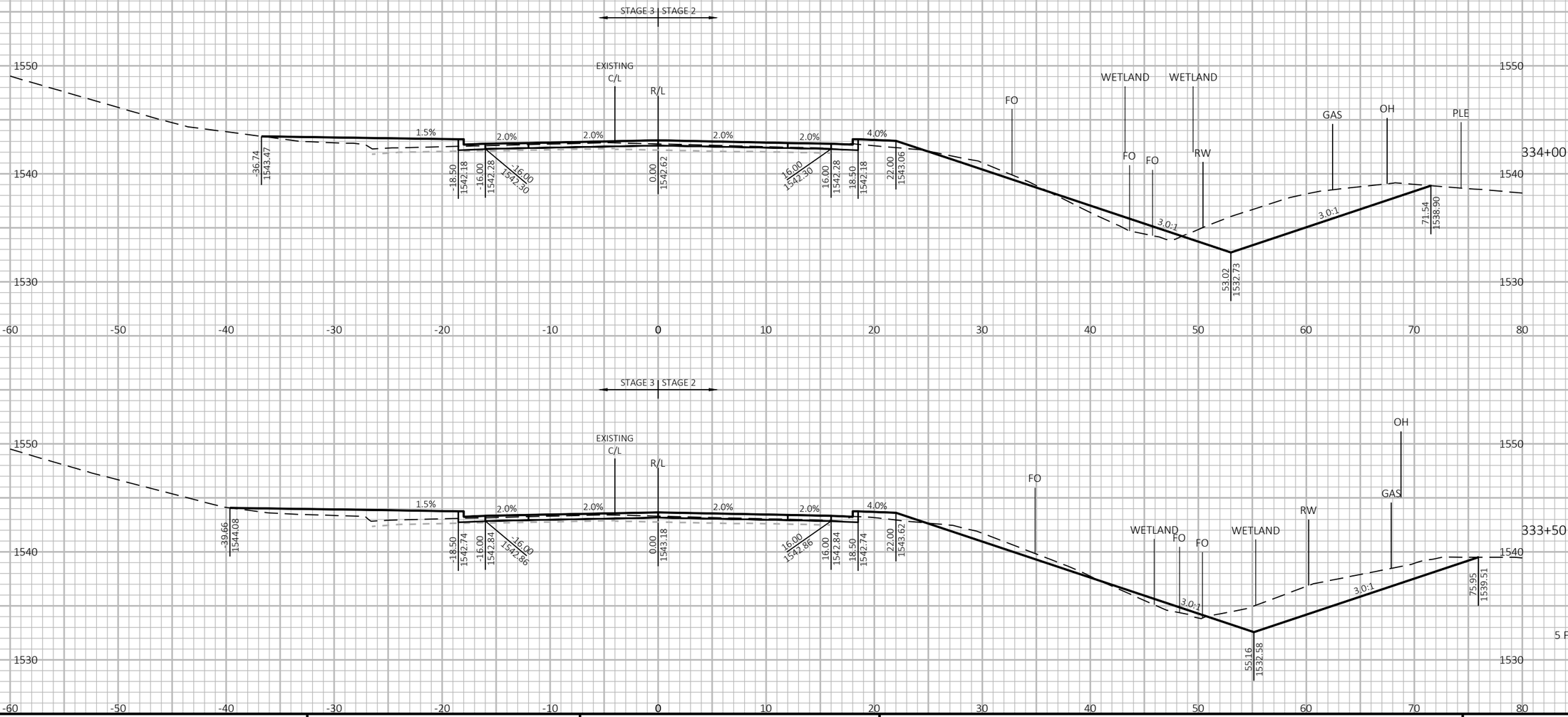
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 07

PLOT DATE : 7/20/2023 8:20 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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9

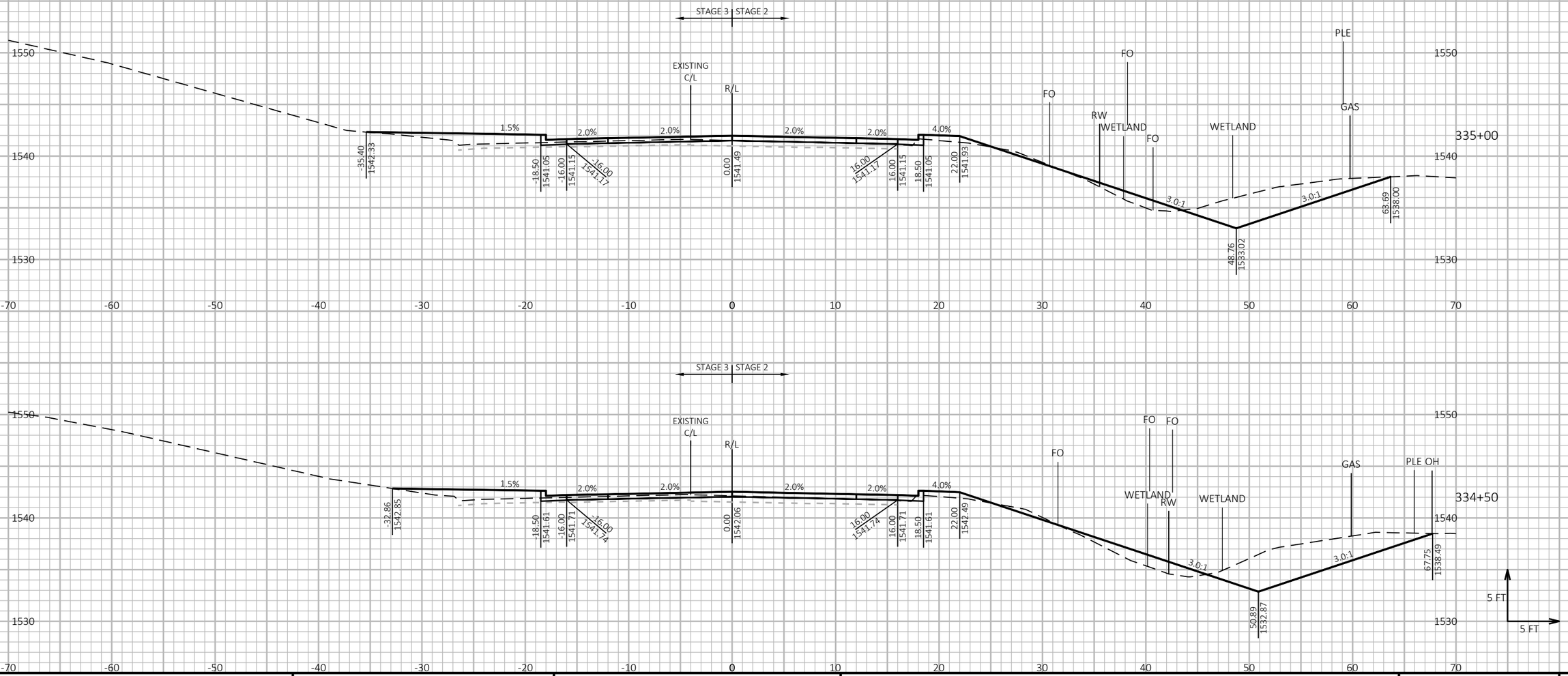
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 300	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 08

PLOT DATE : 7/20/2023 8:20 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



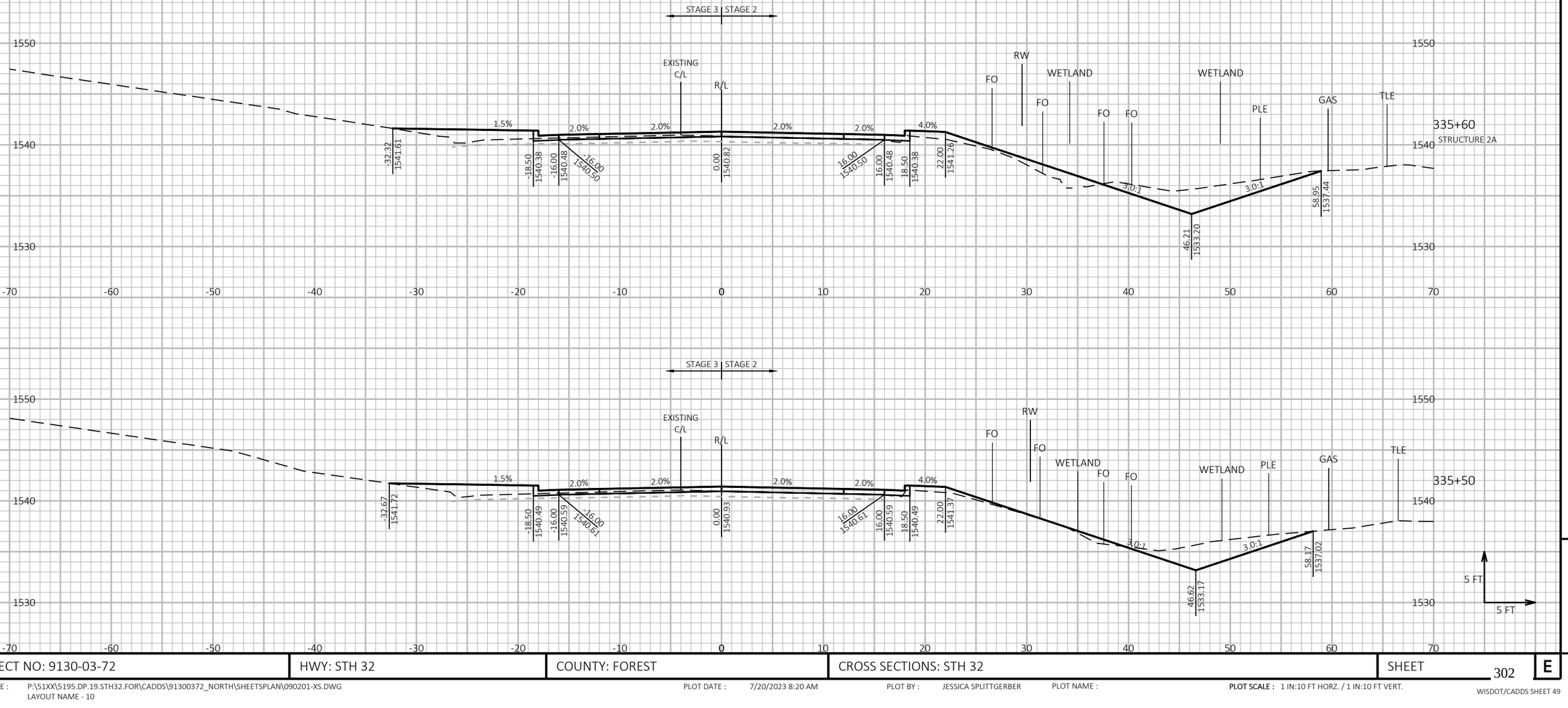
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 301	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 09

PLOT DATE : 7/20/2023 8:20 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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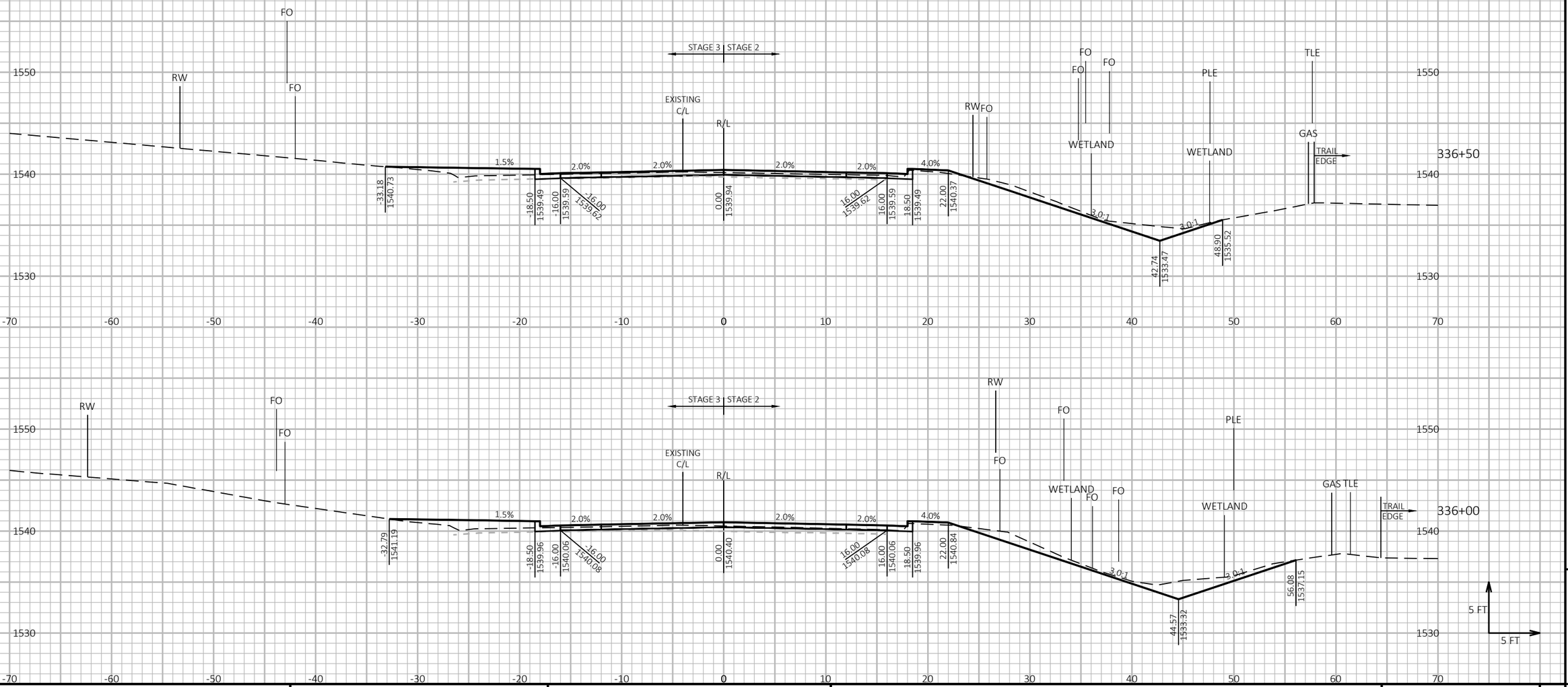
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 302	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 10

PLOT DATE : 7/20/2023 8:20 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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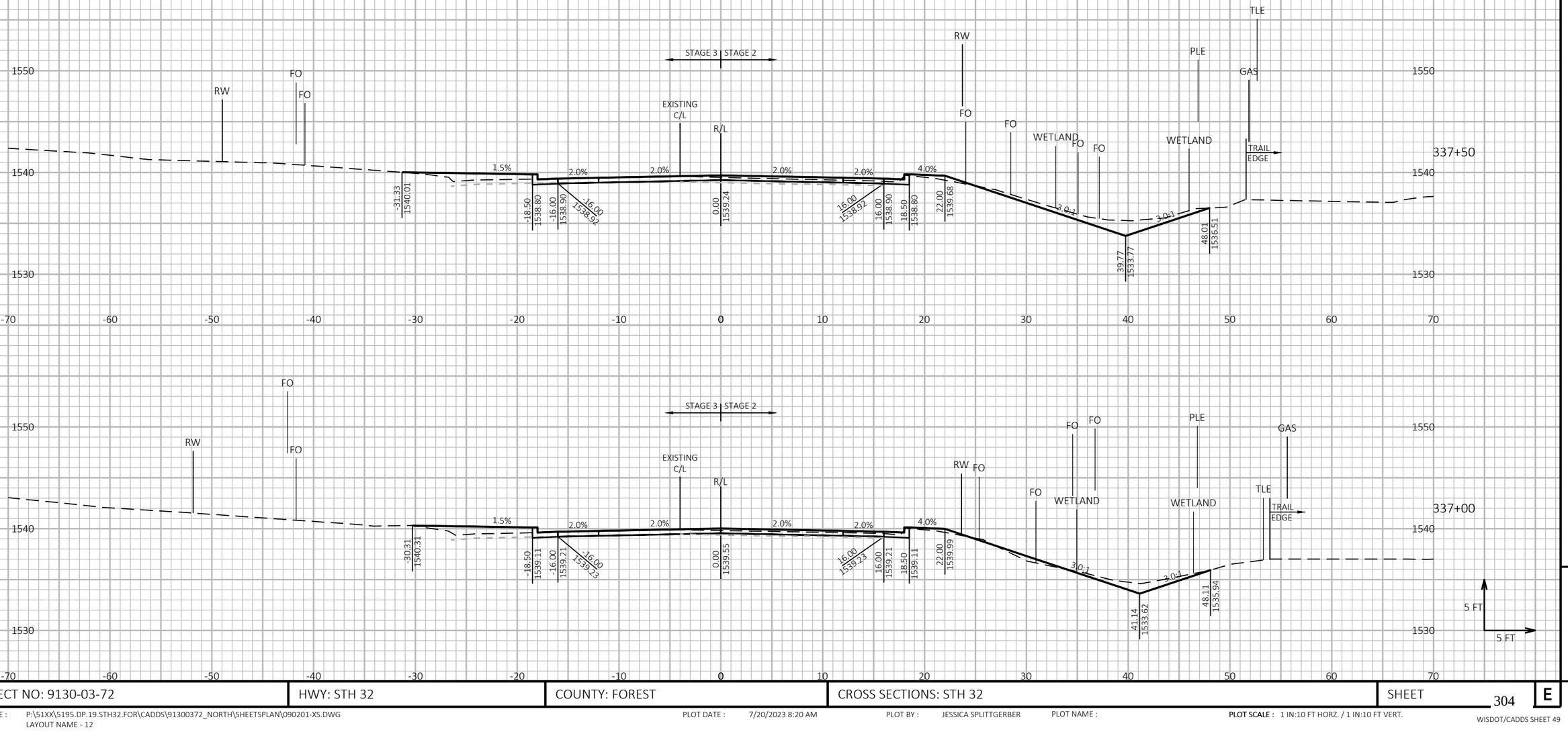
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 303	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 11

PLOT DATE : 7/20/2023 8:20 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



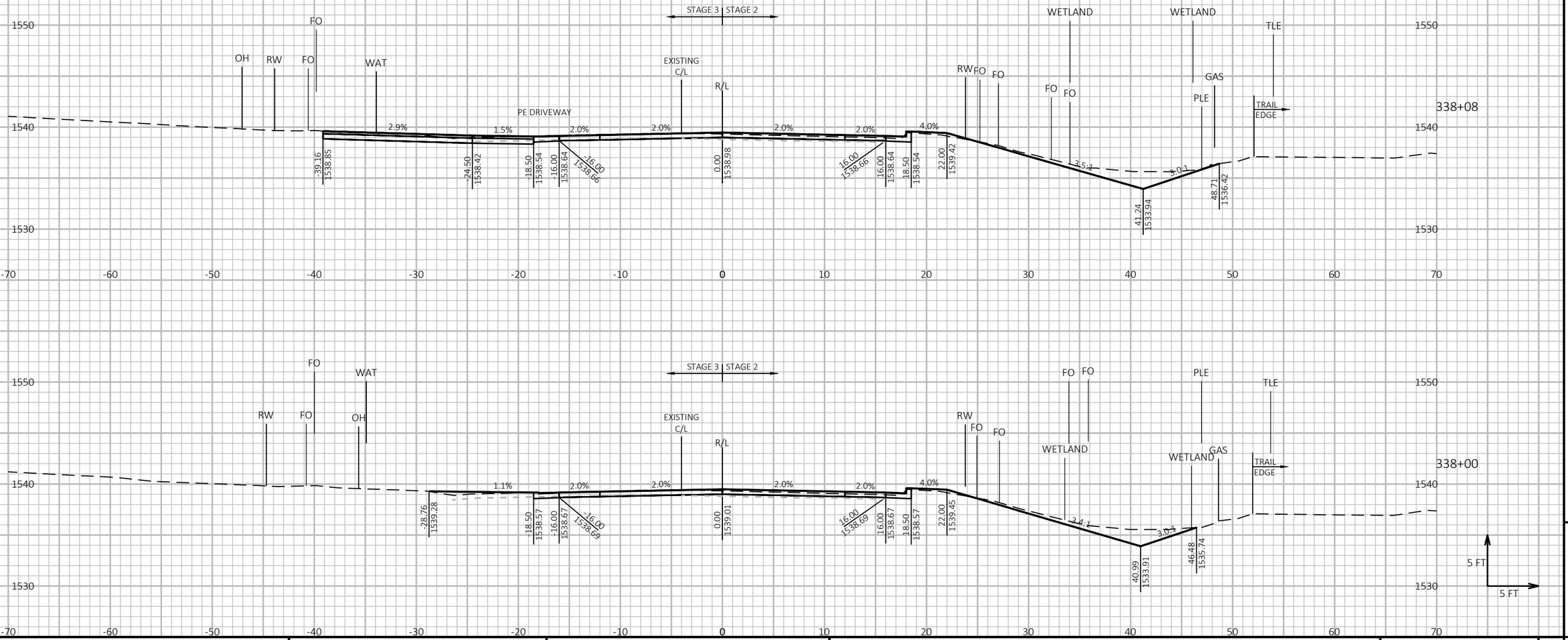
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 304	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 12

PLOT DATE : 7/20/2023 8:20 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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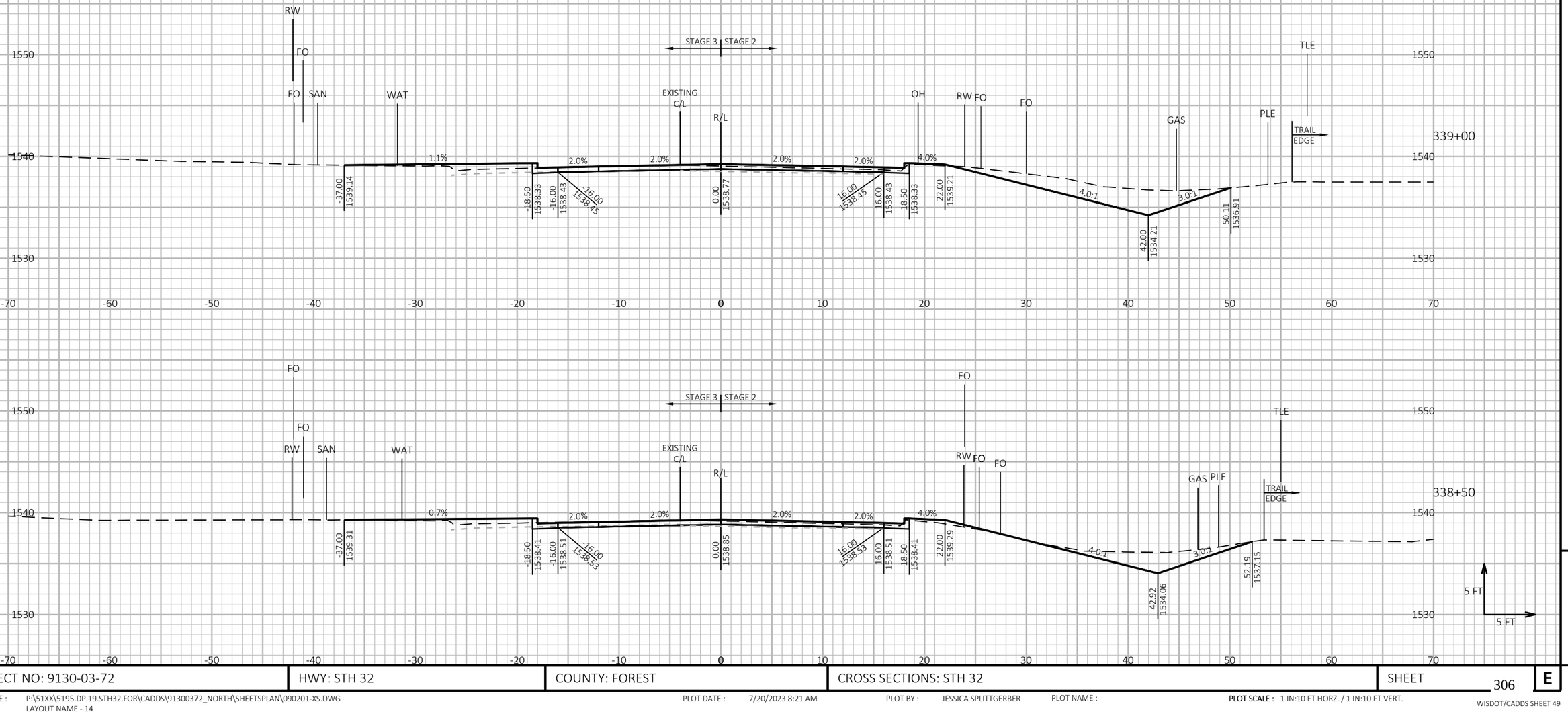
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 305	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 13

PLOT DATE : 7/20/2023 8:21 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 306	E

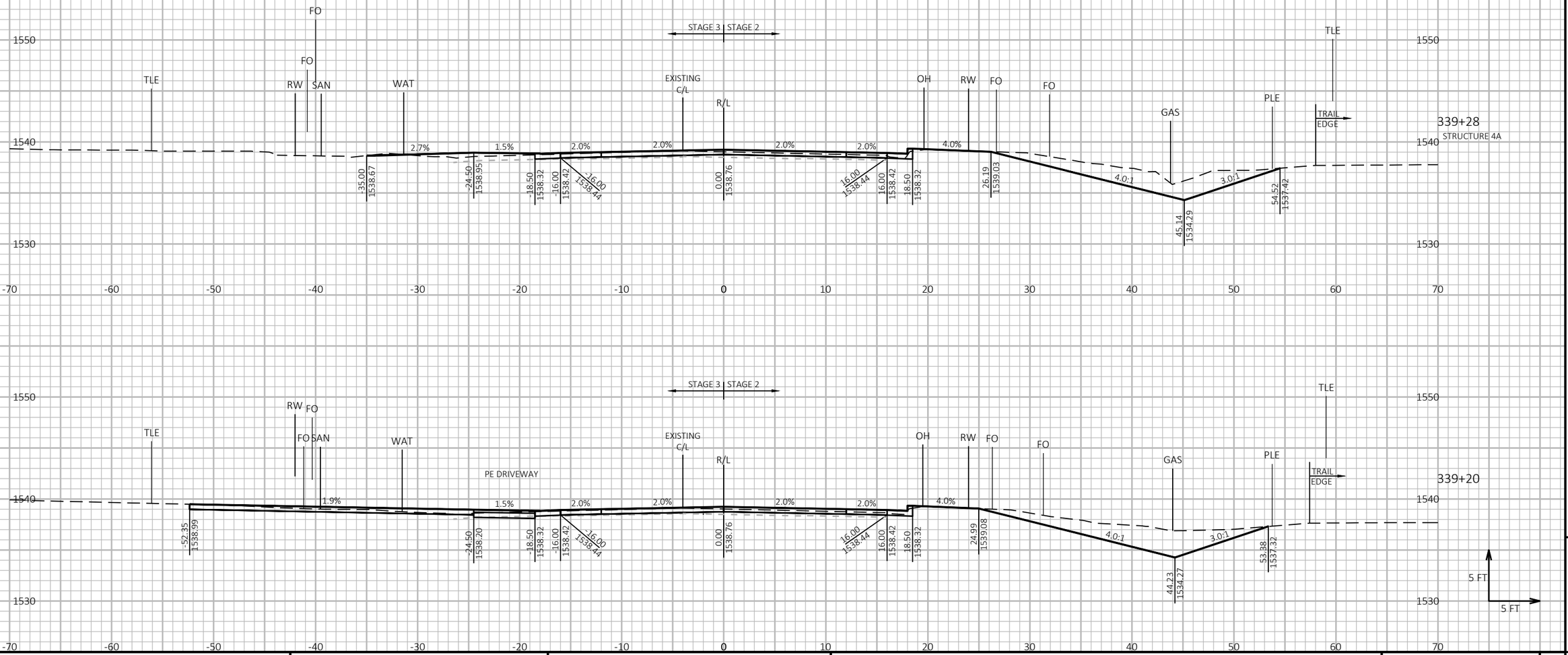
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 14

PLOT DATE : 7/20/2023 8:21 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



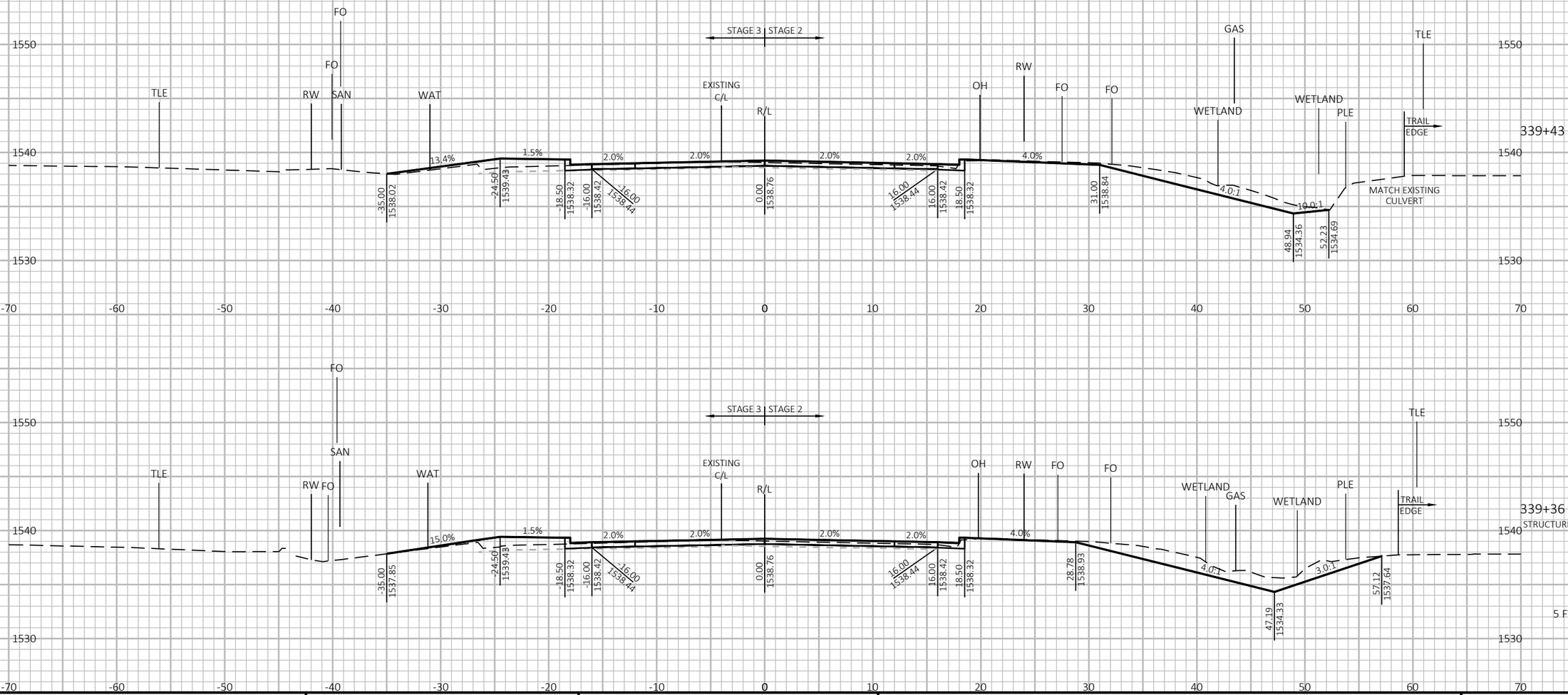
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 307	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 15

PLOT DATE : 7/20/2023 8:21 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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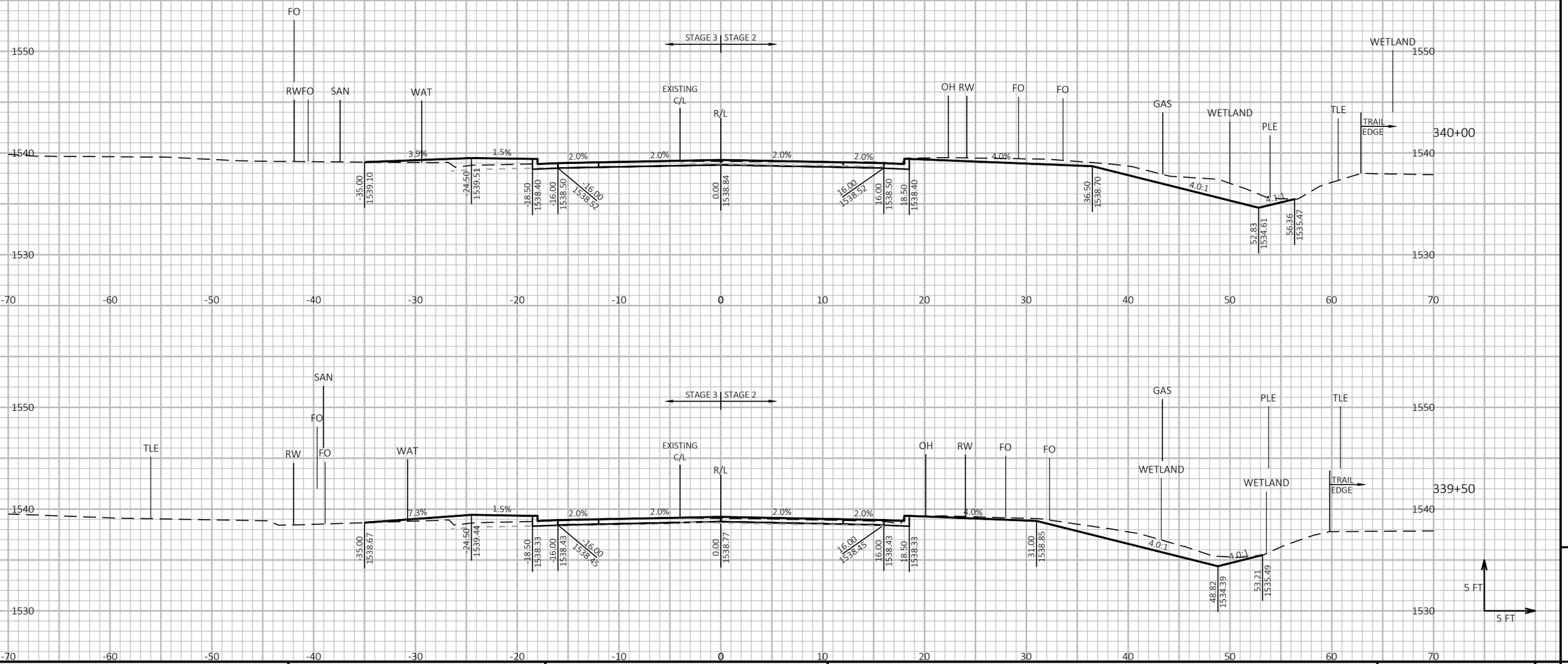
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 308	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 16

PLOT DATE : 7/20/2023 8:21 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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9

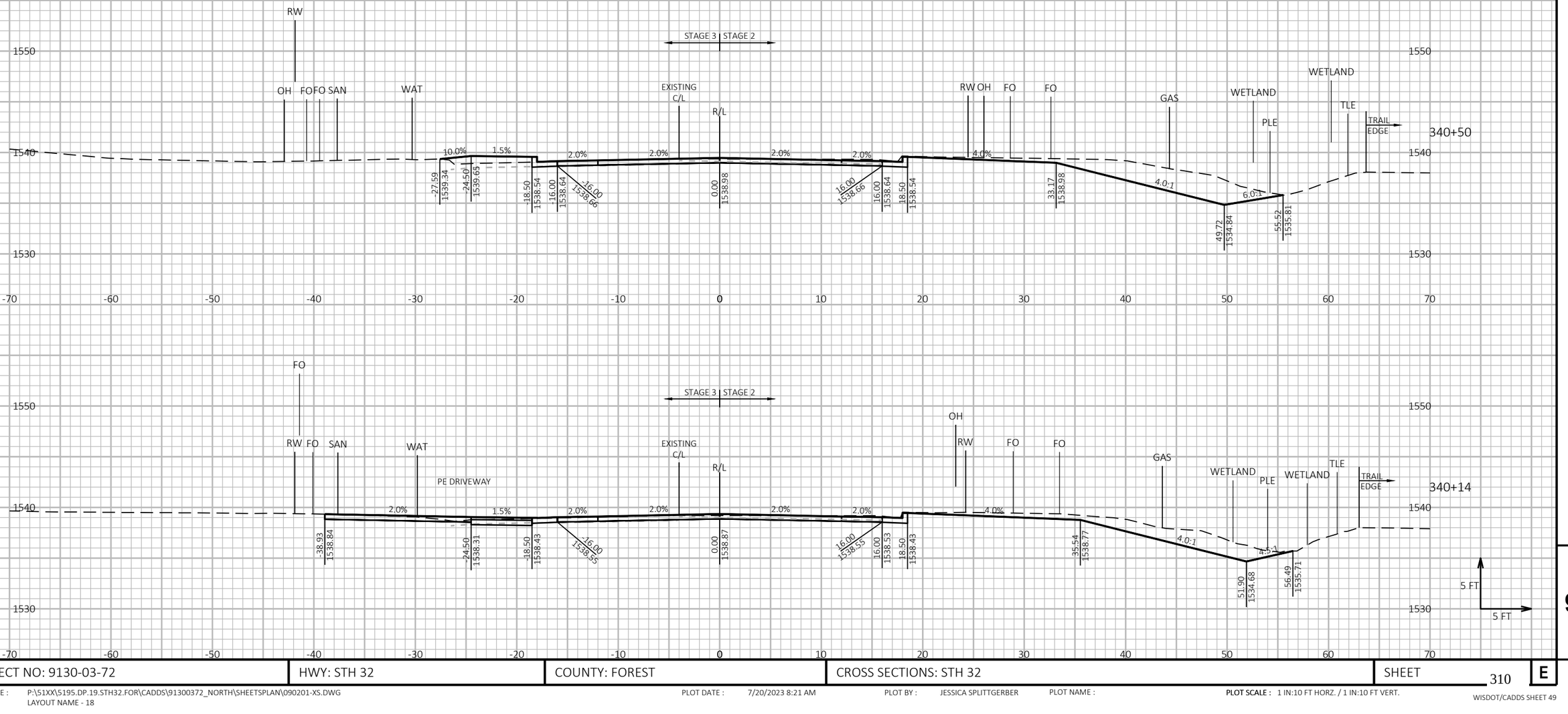
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 309	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 17

PLOT DATE : 7/20/2023 8:21 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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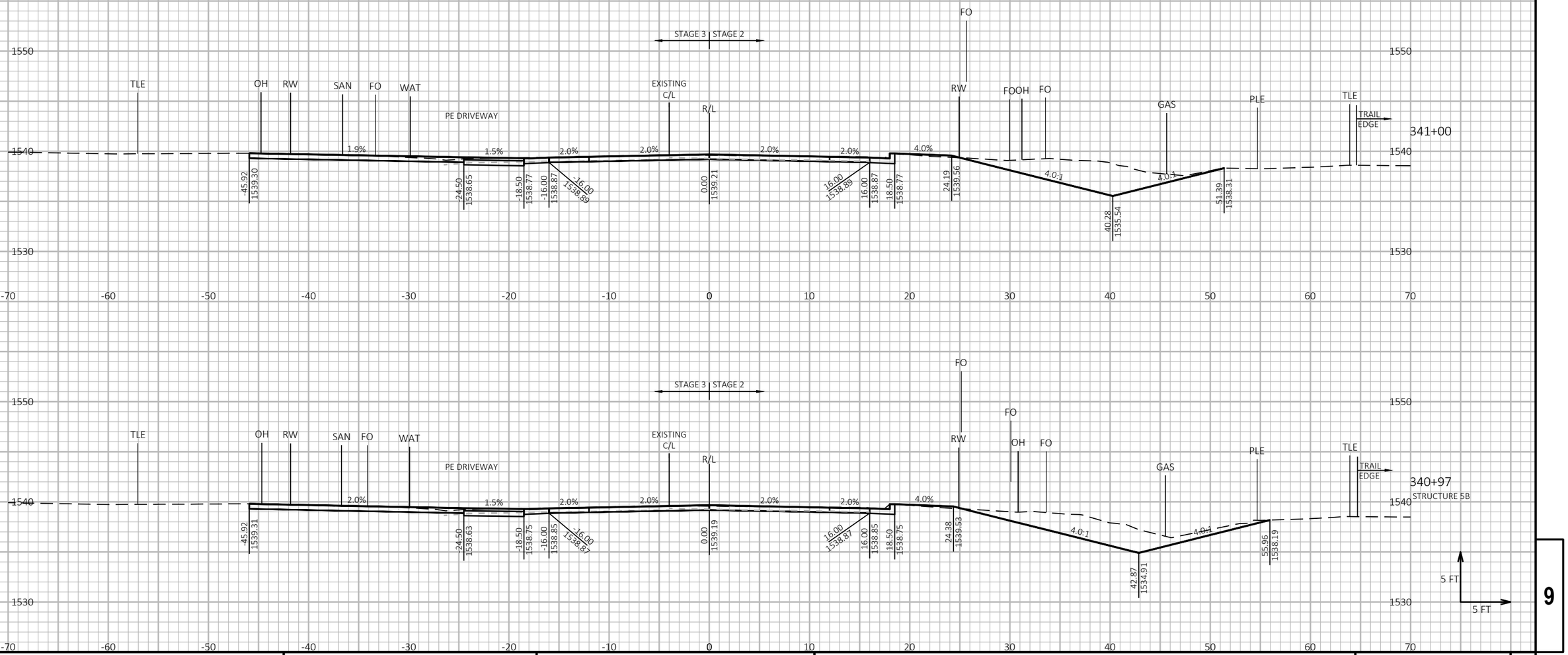
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 310	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 18

PLOT DATE : 7/20/2023 8:21 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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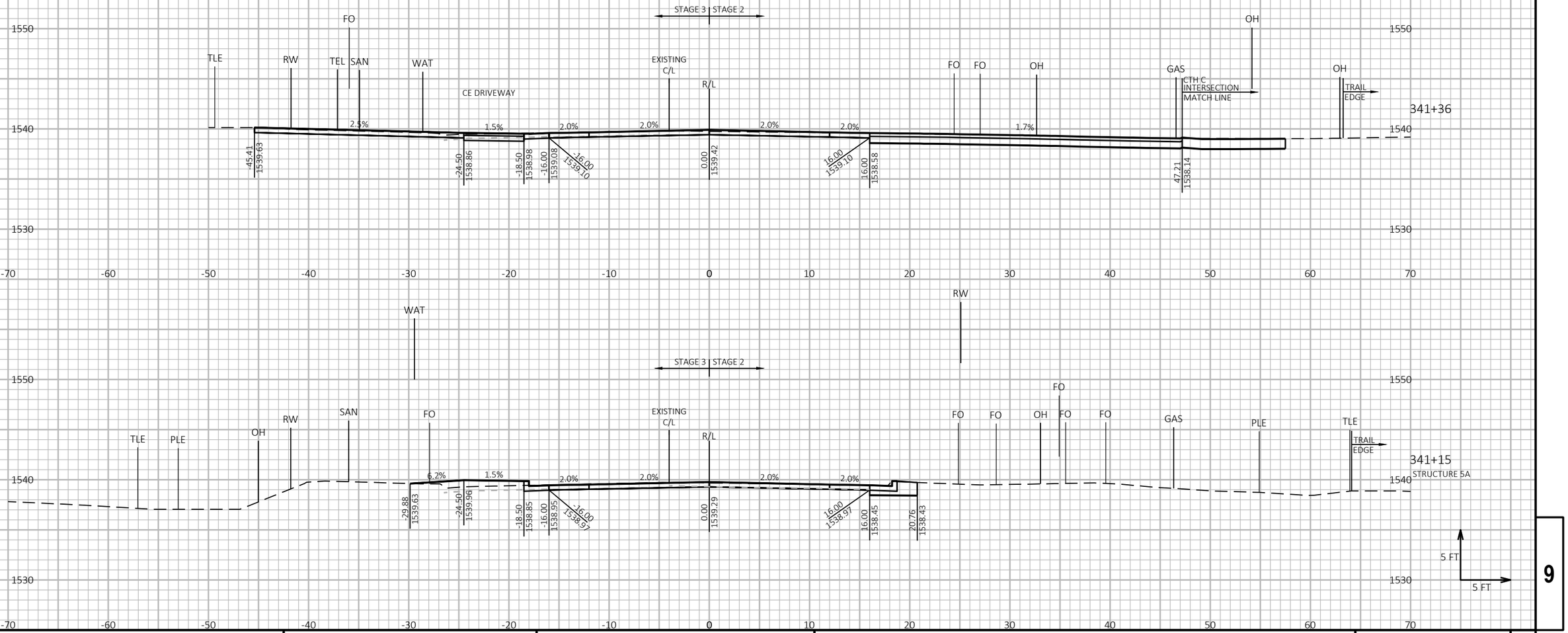
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 311	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 19

PLOT DATE : 7/20/2023 8:22 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

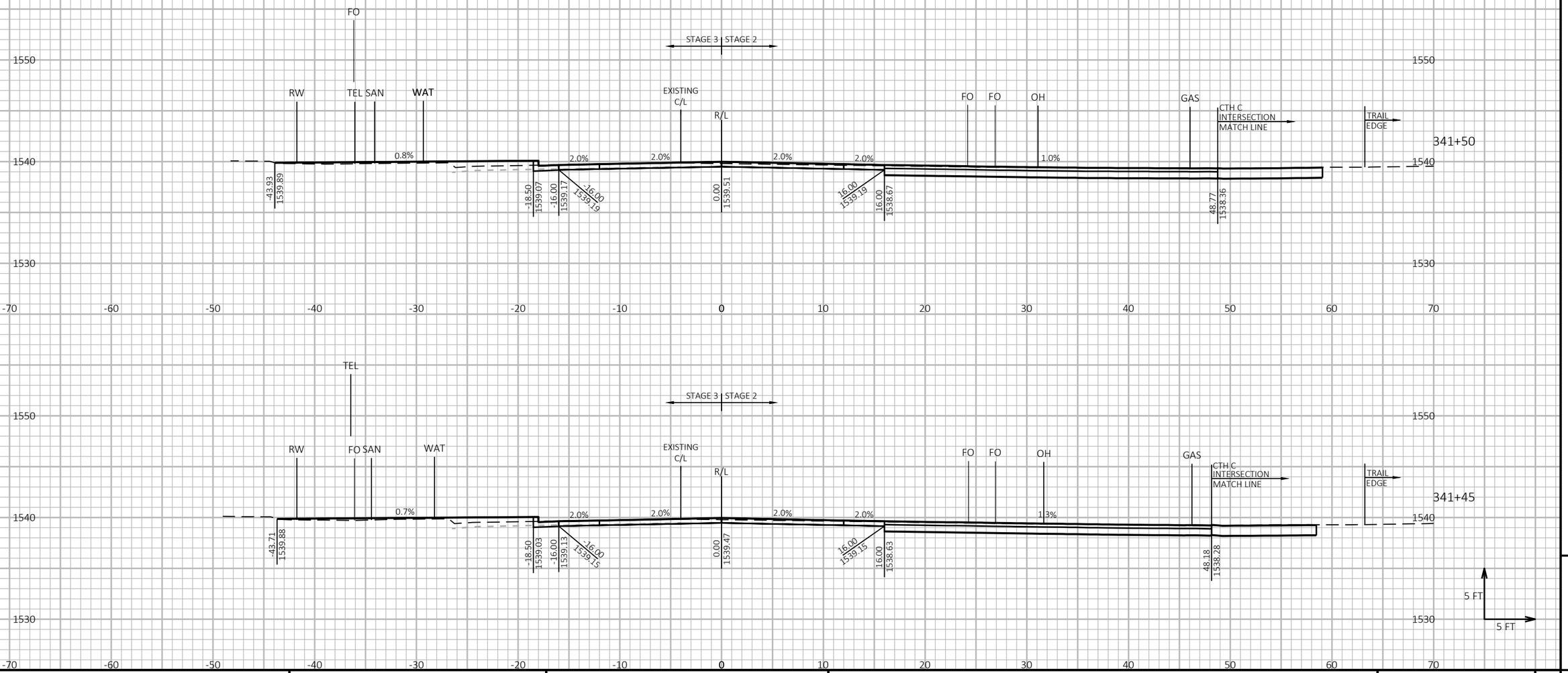
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 312	E

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



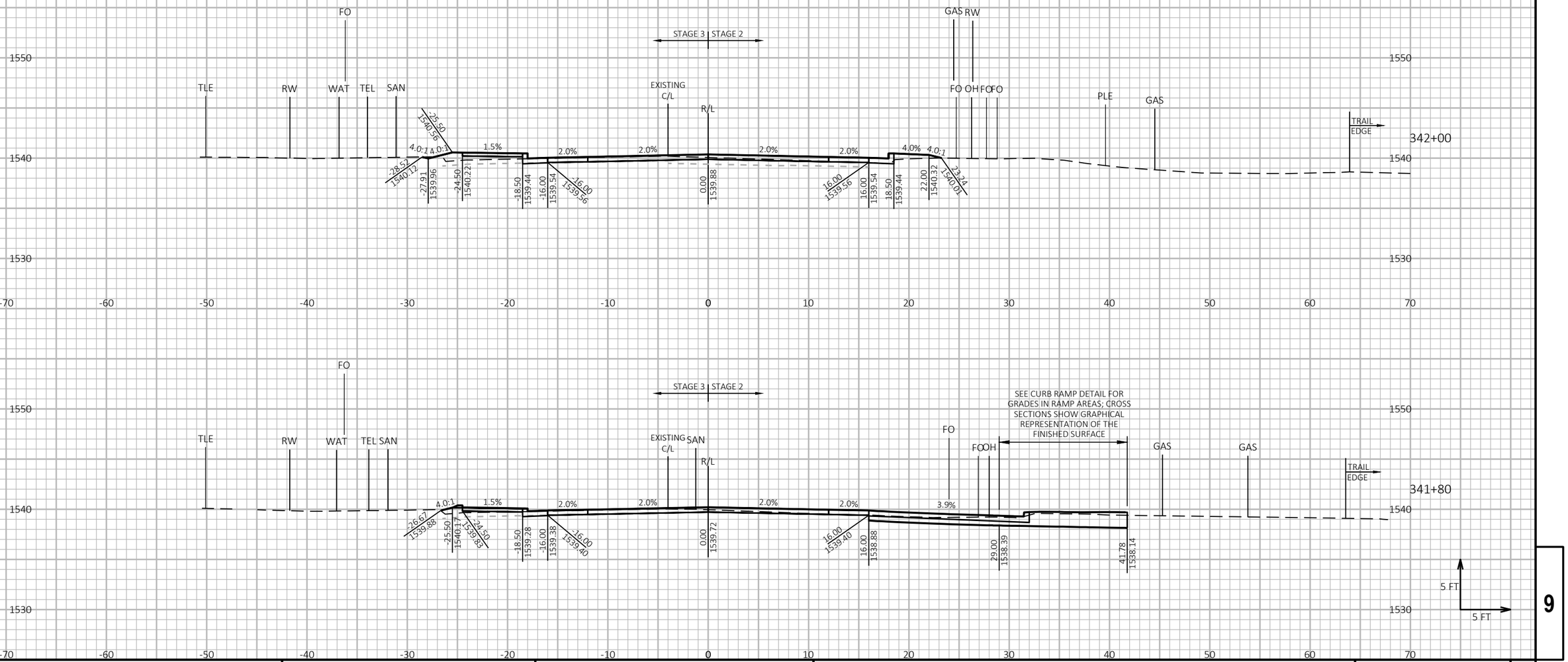
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 313	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 21

PLOT DATE : 7/20/2023 8:22 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

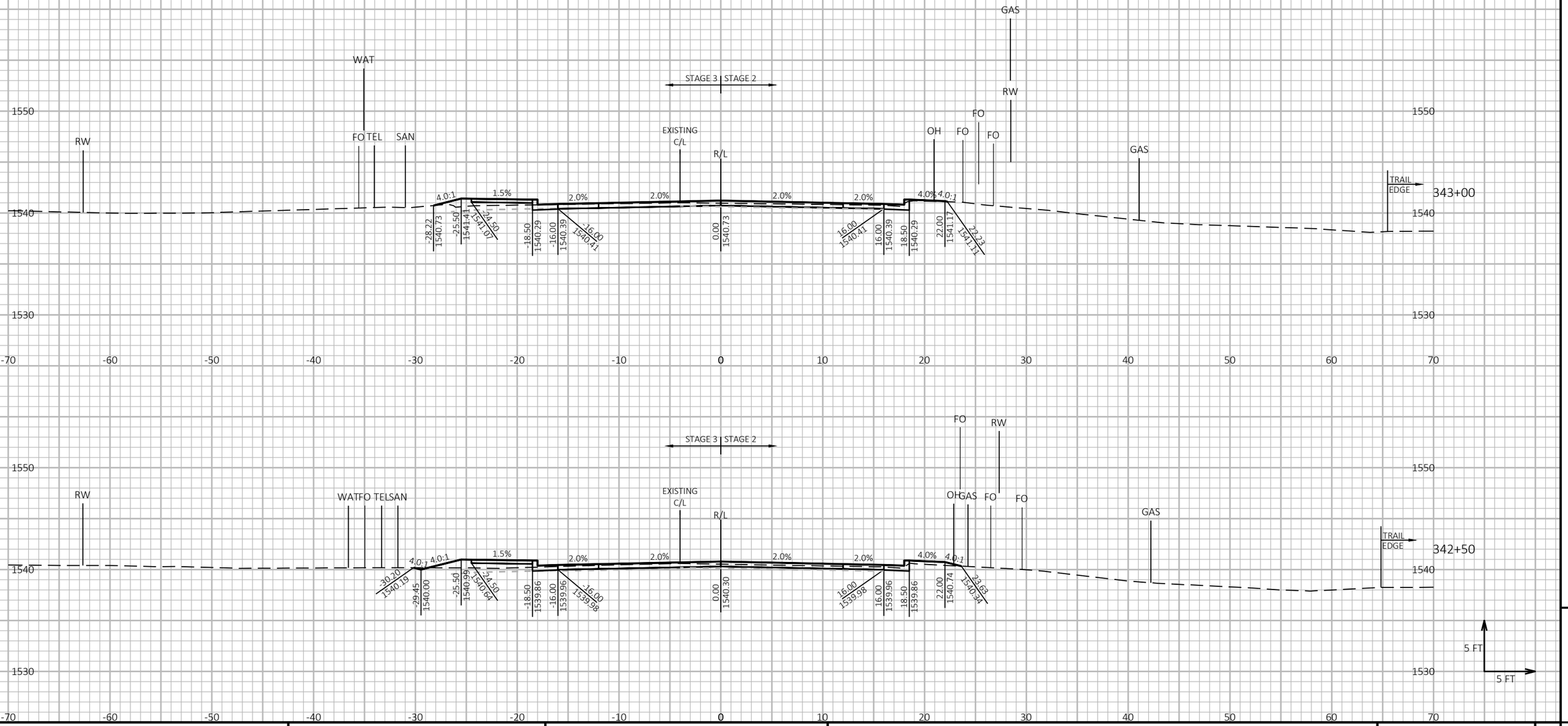
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.

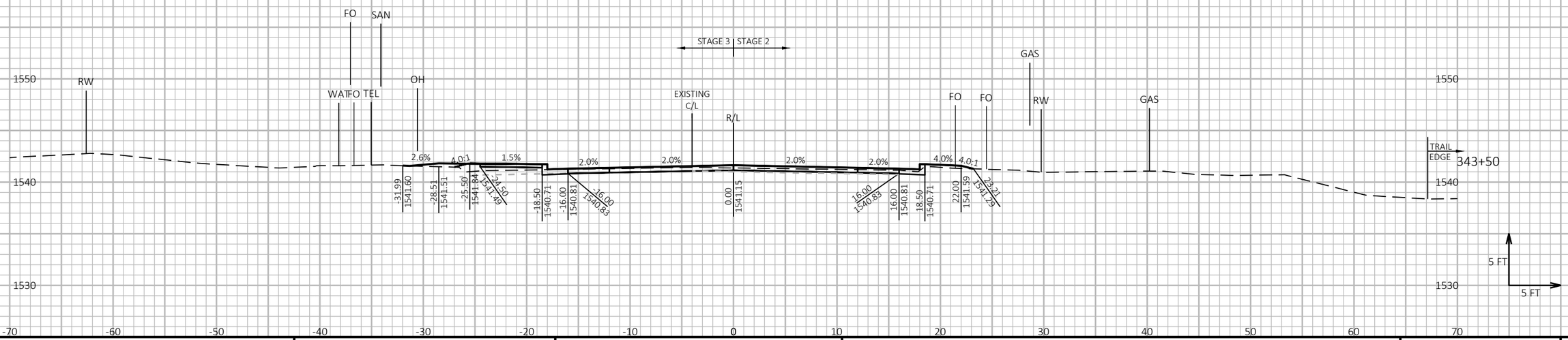


PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 314	E

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 315	E



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 316	E

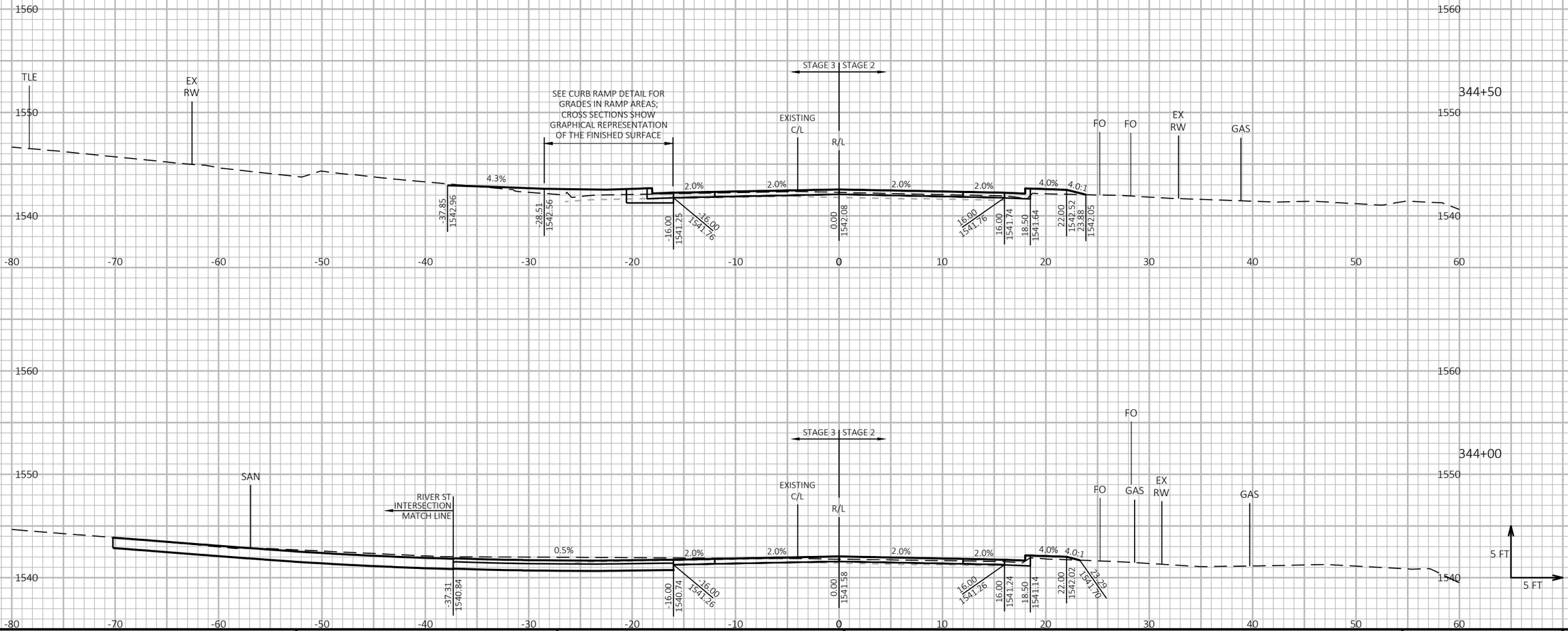
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 24

PLOT DATE : 7/20/2023 8:22 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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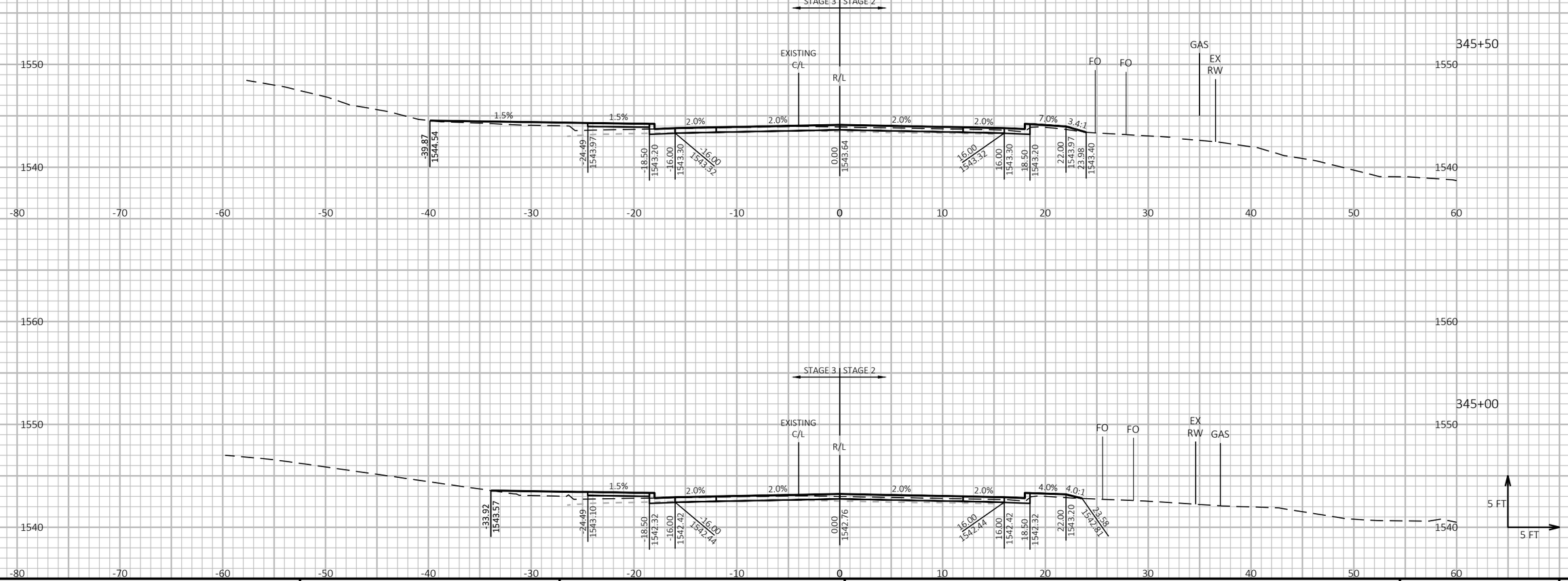
9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 317	E

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 318	E

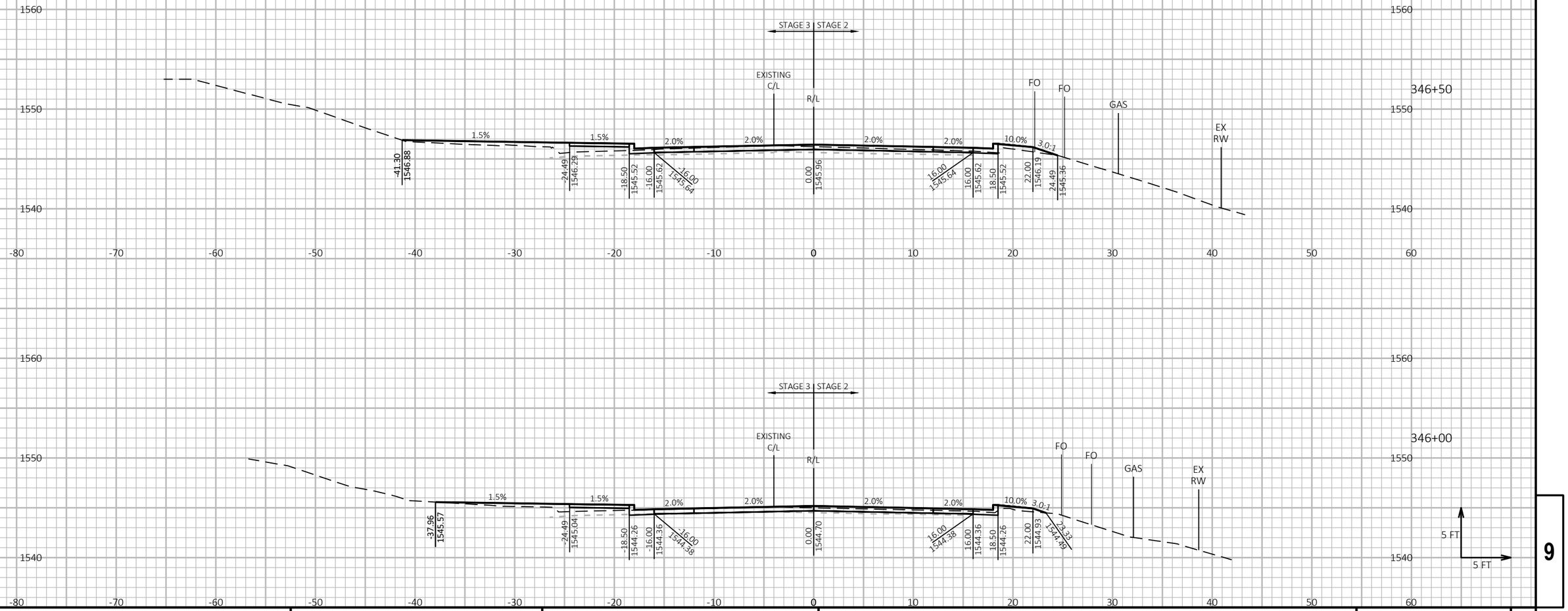
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 02

PLOT DATE : 7/20/2023 8:24 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 319	E

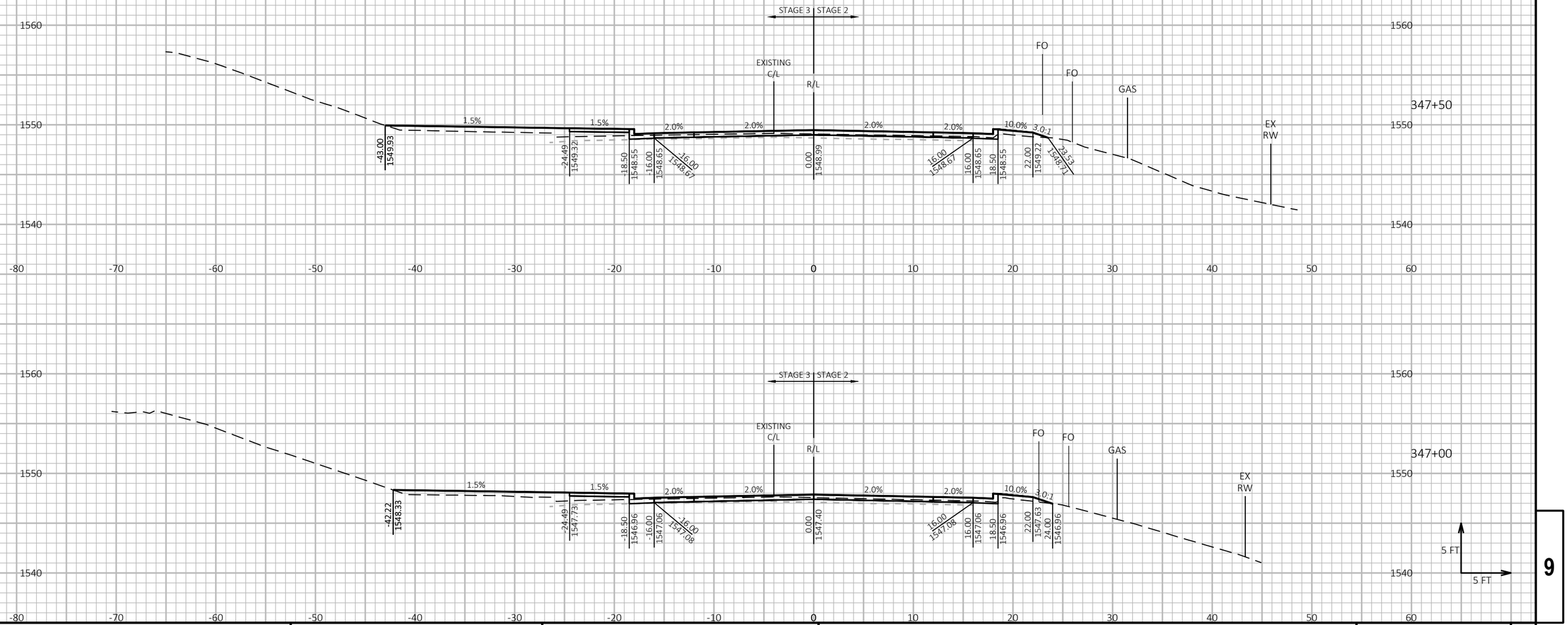
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 03

PLOT DATE : 7/20/2023 8:24 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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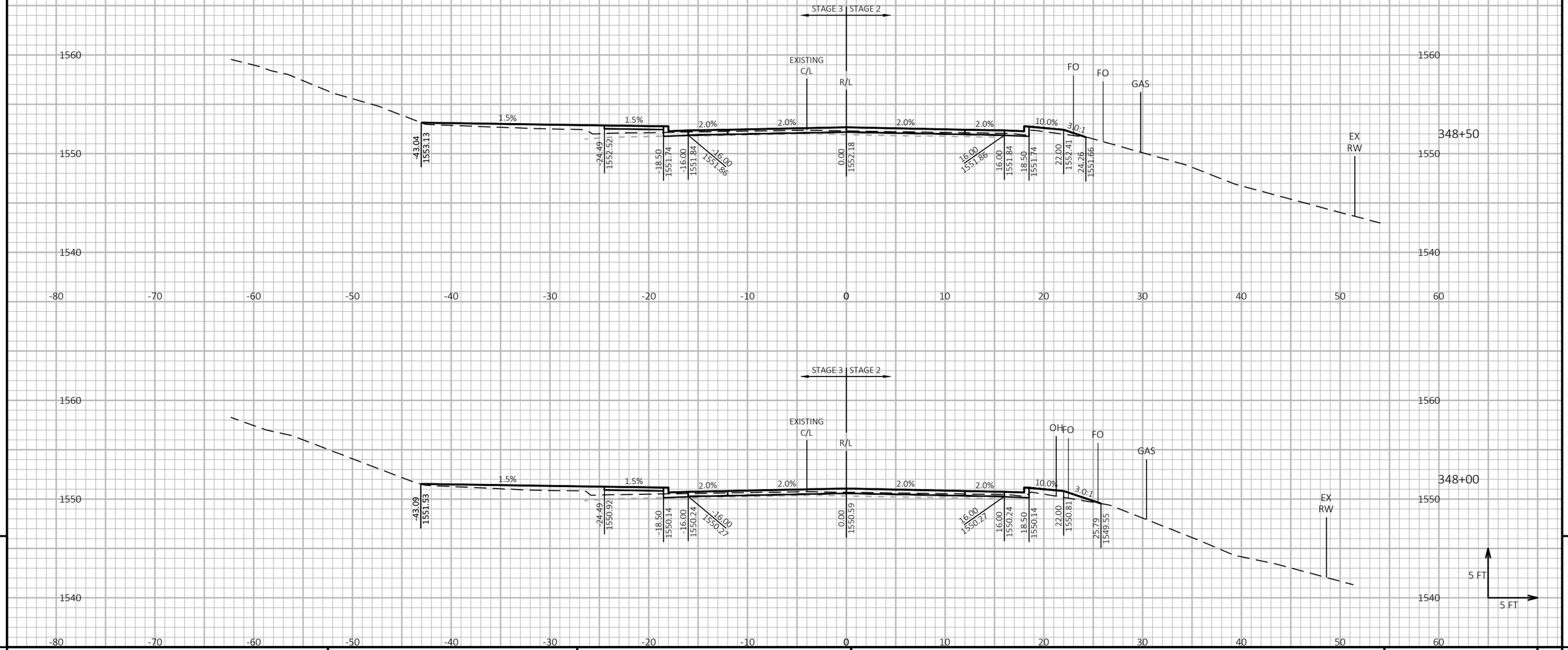
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 320	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 7/20/2023 8:24 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 321	E

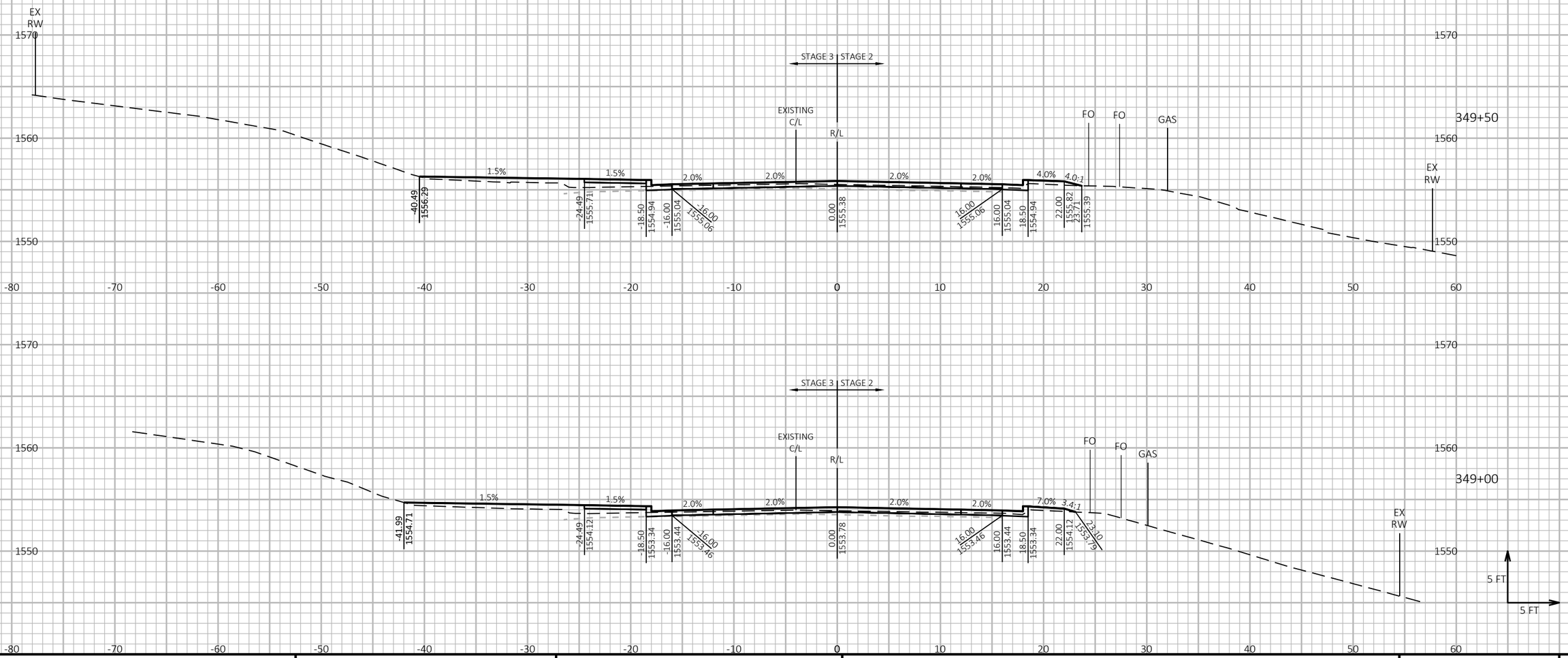
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 05

PLOT DATE : 7/20/2023 8:24 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 322	E

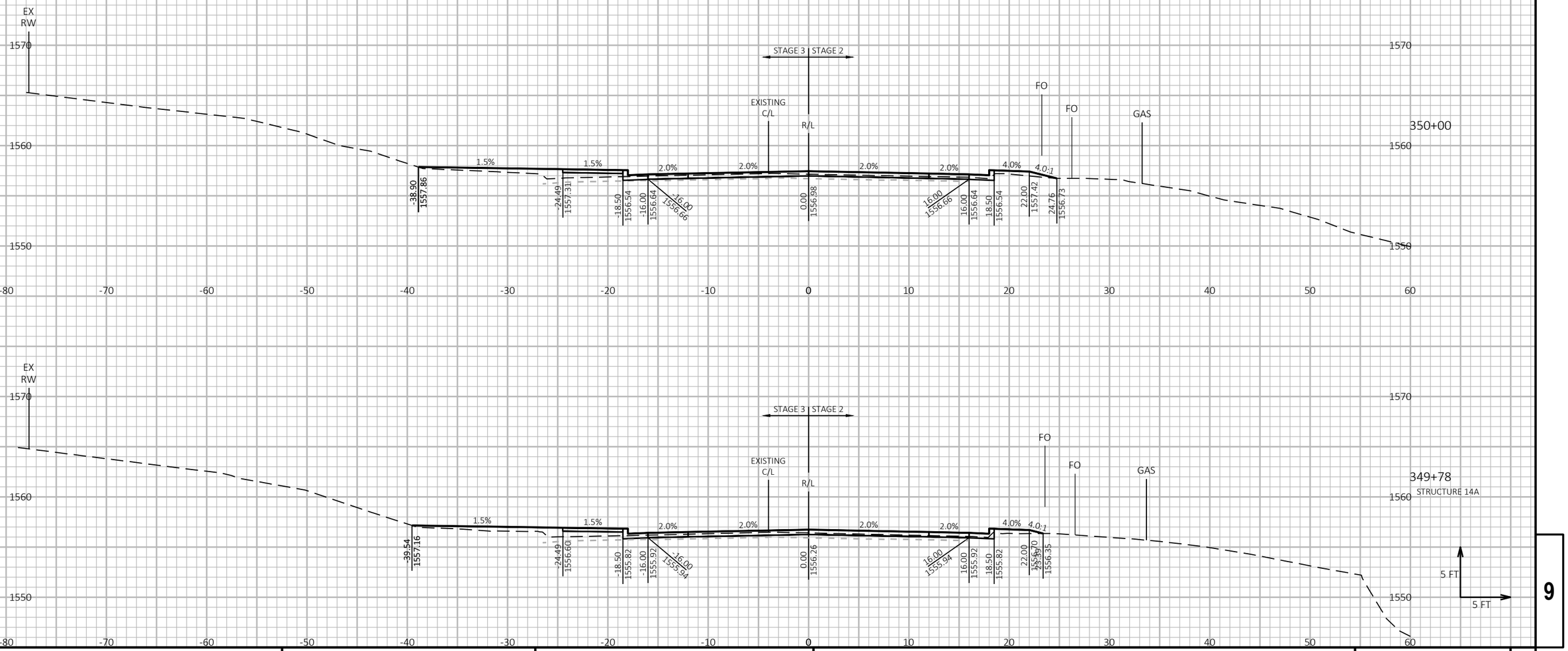
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 06

PLOT DATE : 7/20/2023 8:24 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 323	E

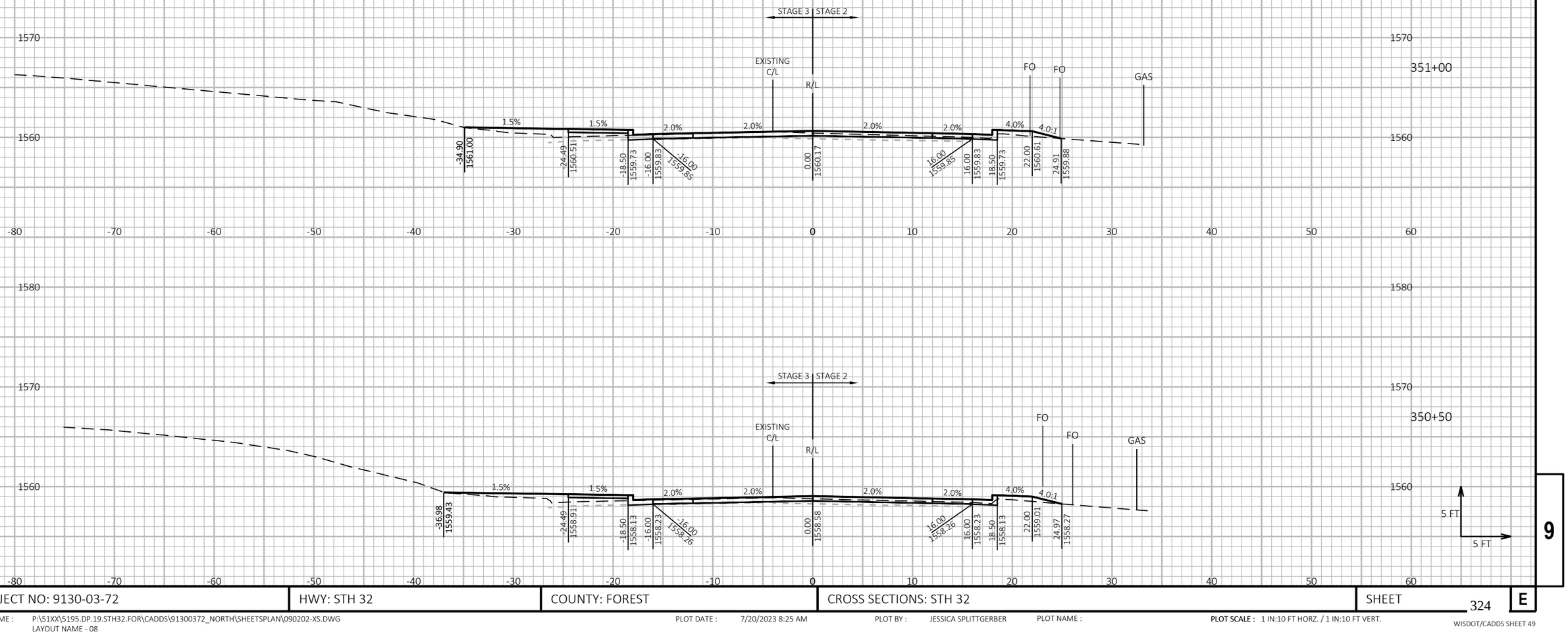
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 07

PLOT DATE : 7/20/2023 8:25 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



9

9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 324	E

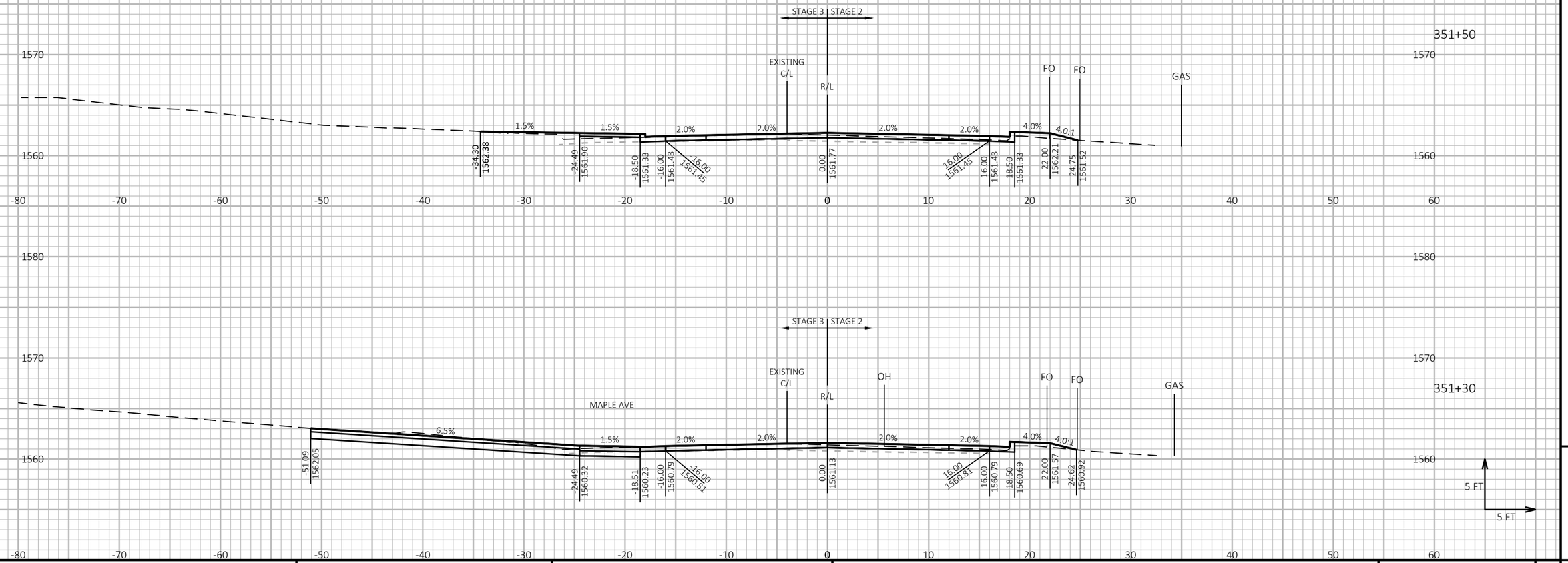
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 08

PLOT DATE : 7/20/2023 8:25 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 325	E

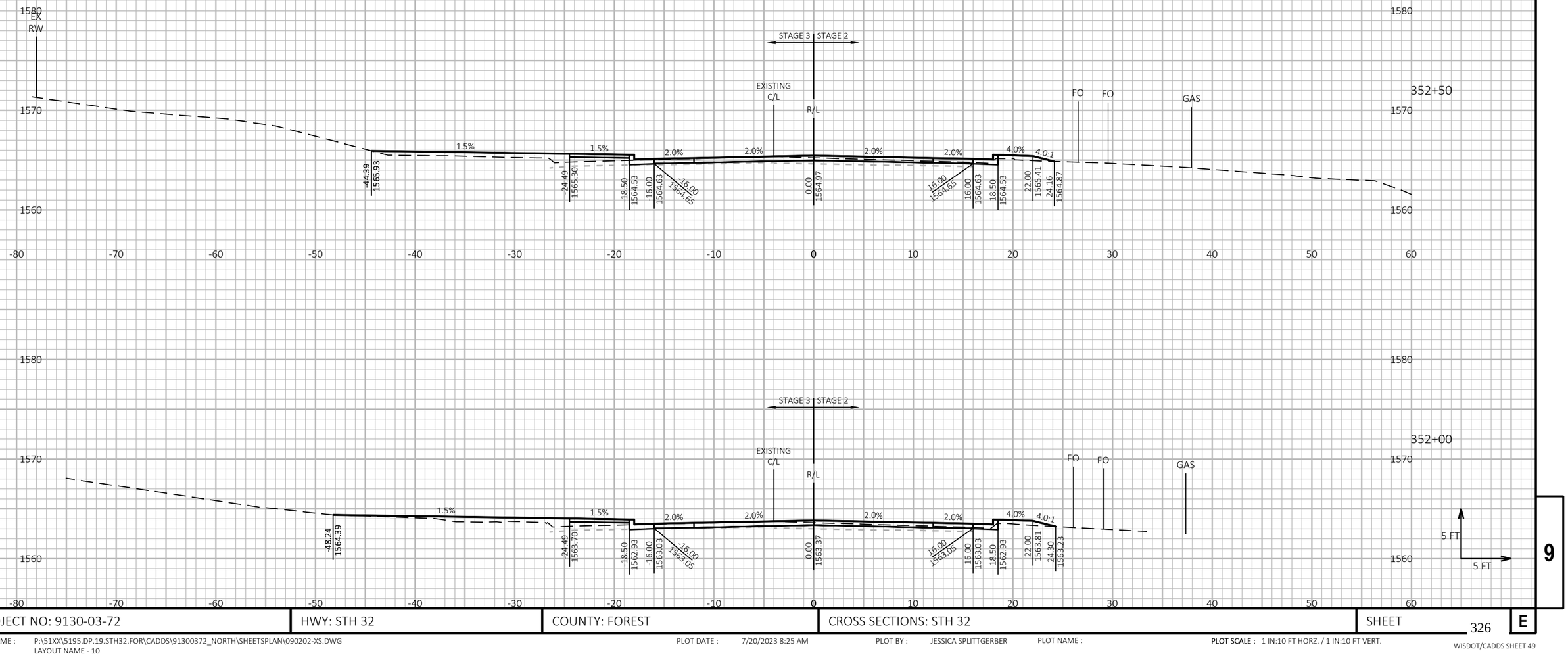
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 09

PLOT DATE : 7/20/2023 8:25 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



9

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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 326	E

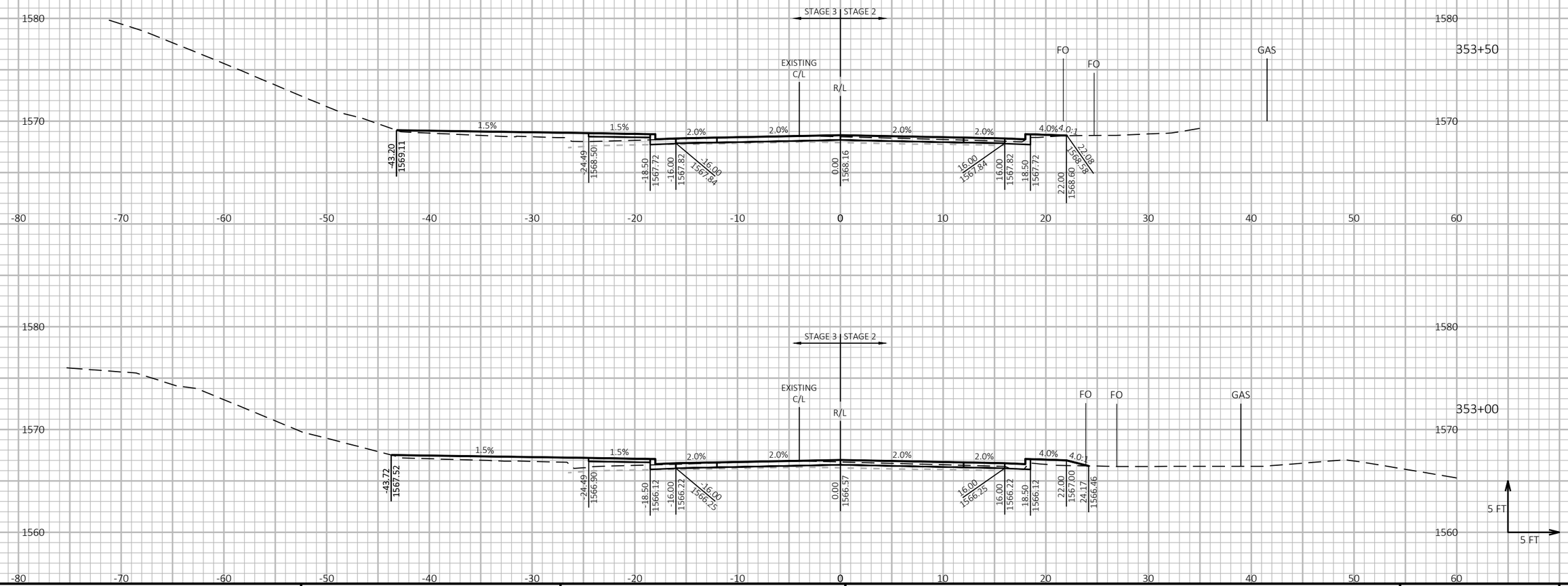
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 10

PLOT DATE : 7/20/2023 8:25 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 327	E

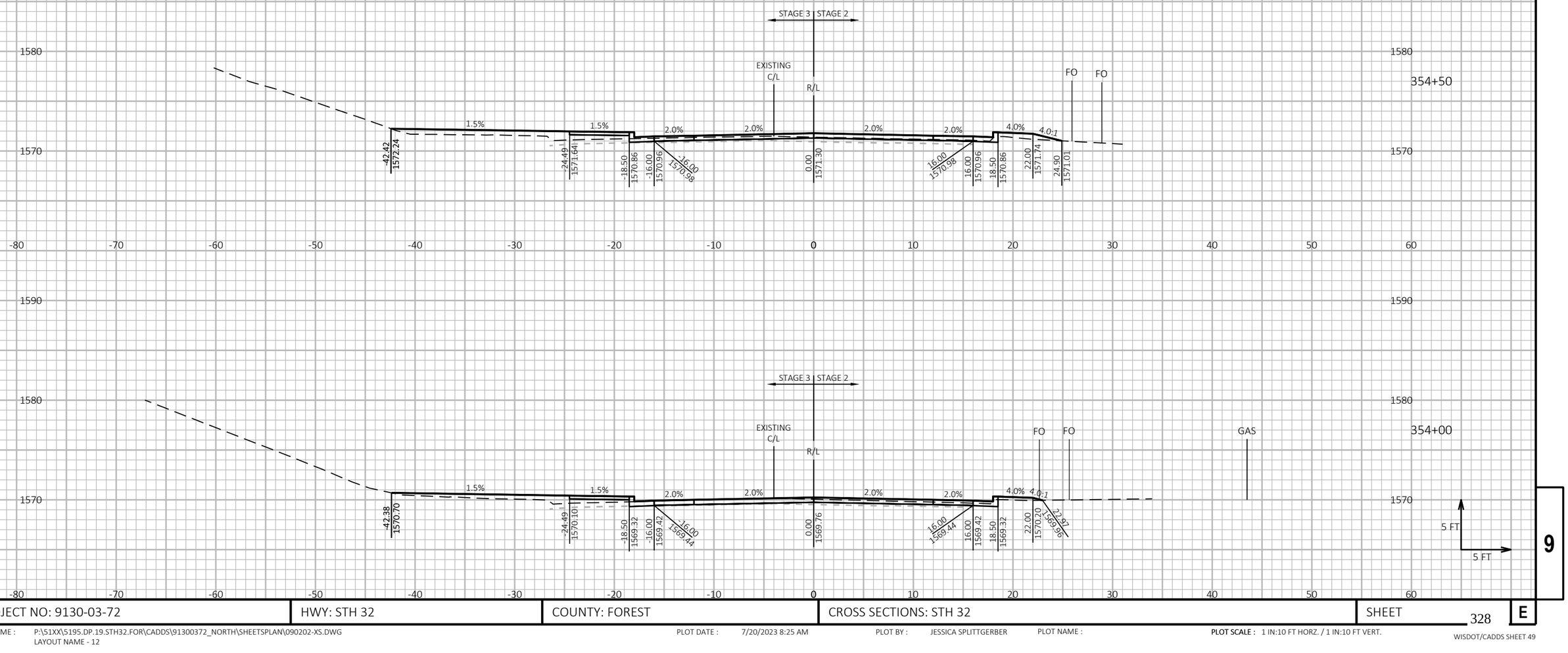
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 11

PLOT DATE : 7/20/2023 8:25 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

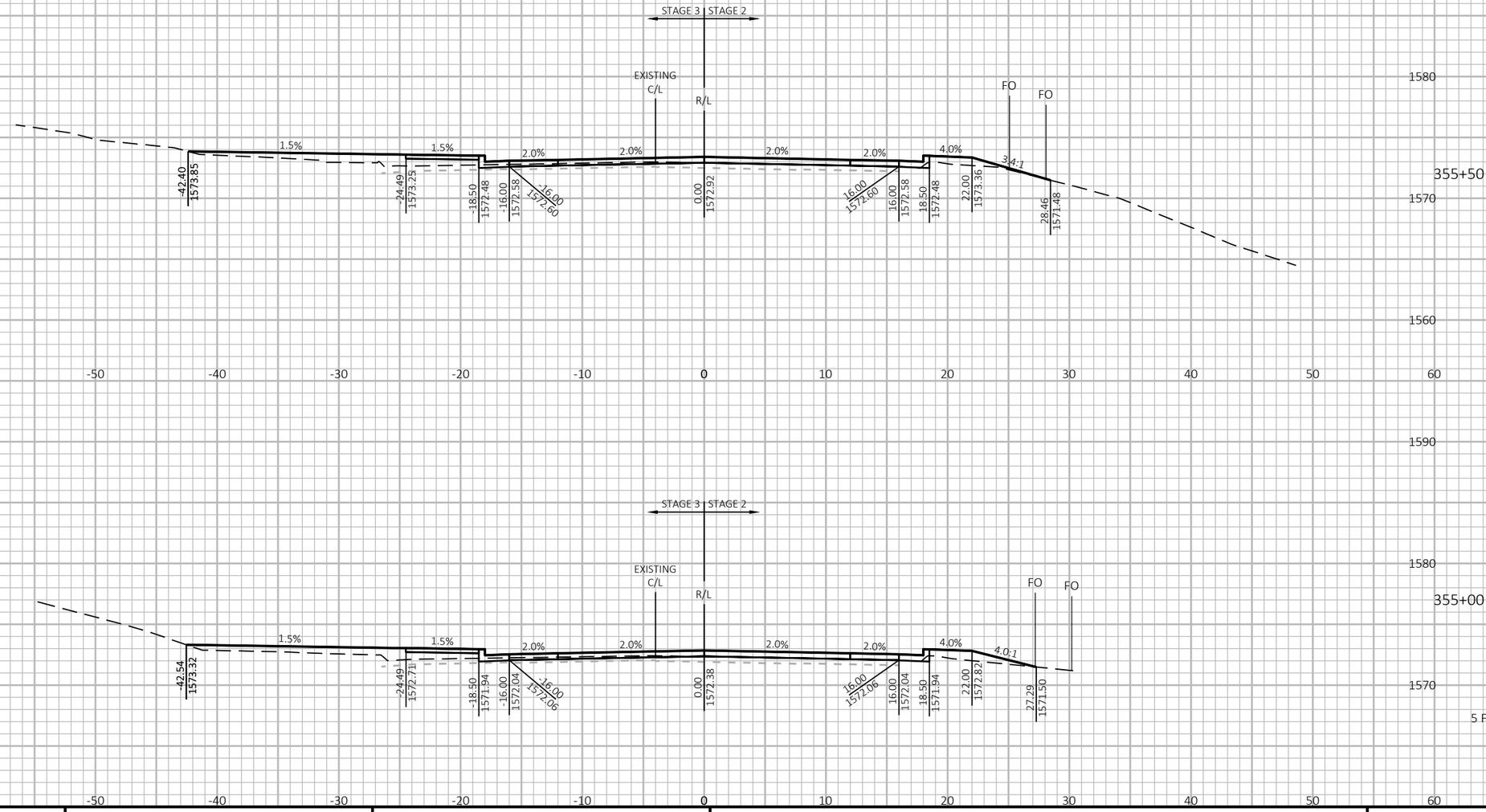
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 328	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 12
PLOT DATE : 7/20/2023 8:25 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



9

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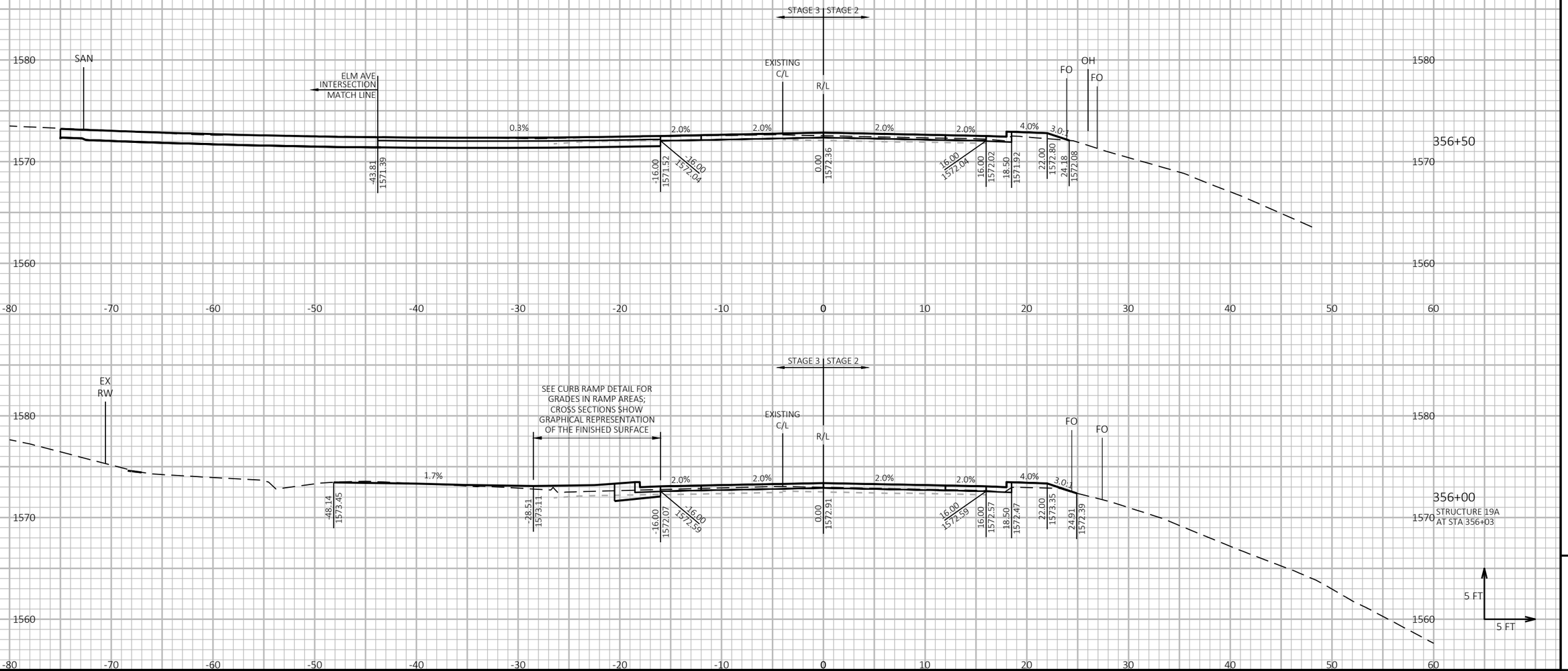
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 329	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 13

PLOT DATE : 7/20/2023 8:26 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 330	E

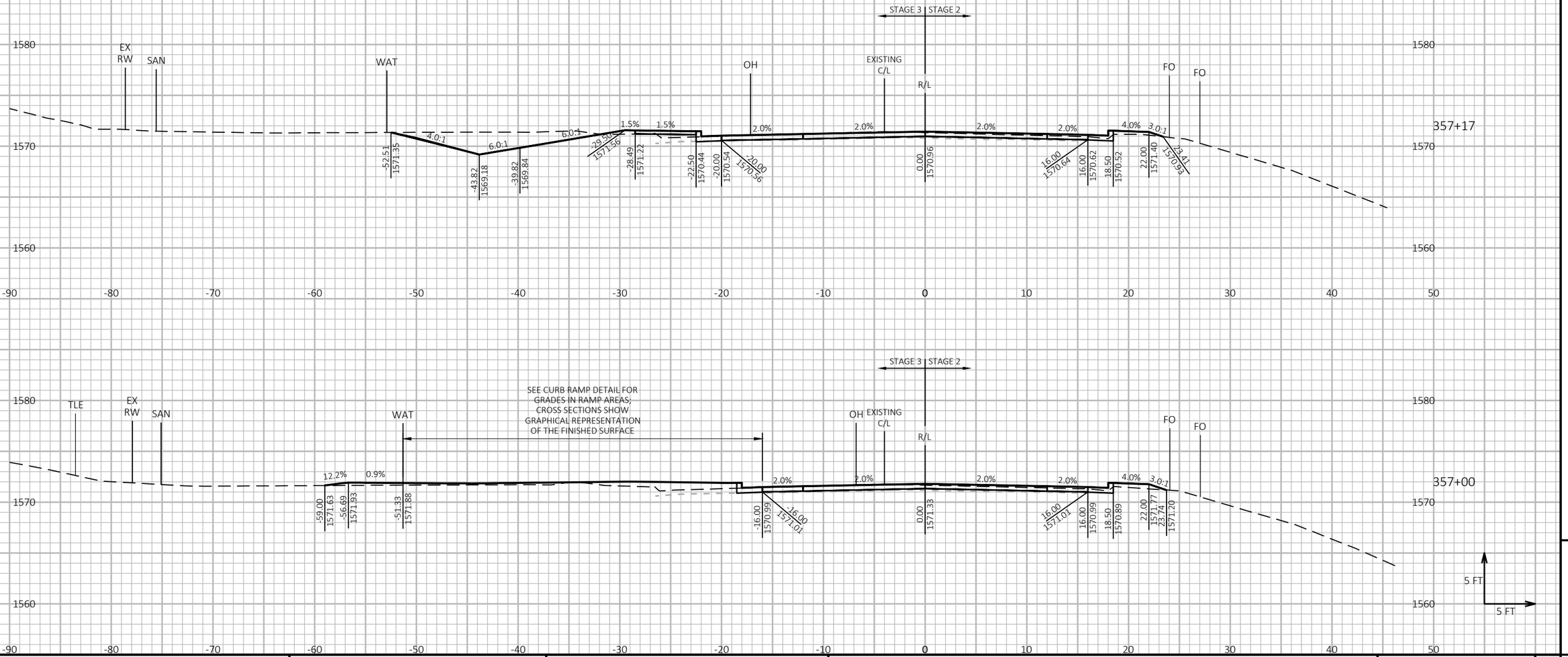
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 14

PLOT DATE : 7/20/2023 8:26 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 331	E

9

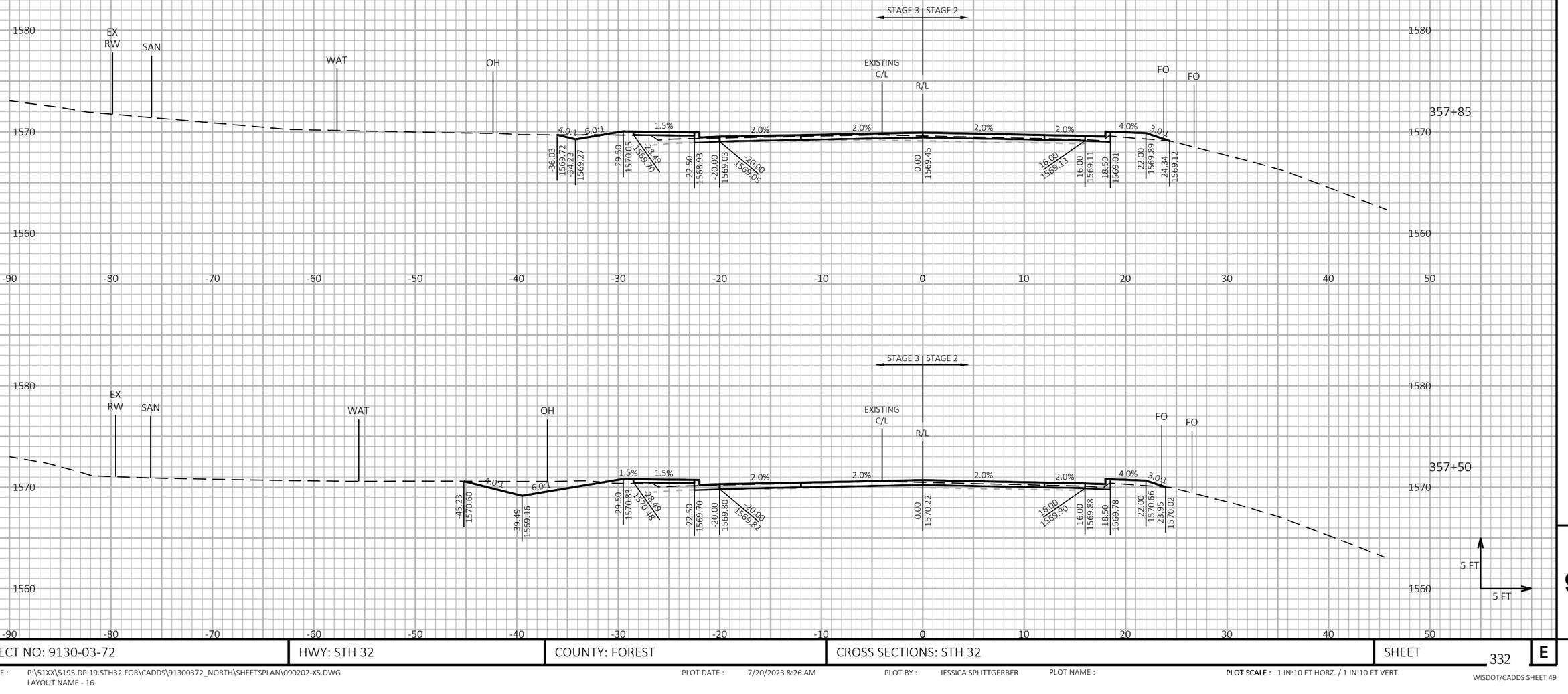
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 15

PLOT DATE : 7/20/2023 8:26 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



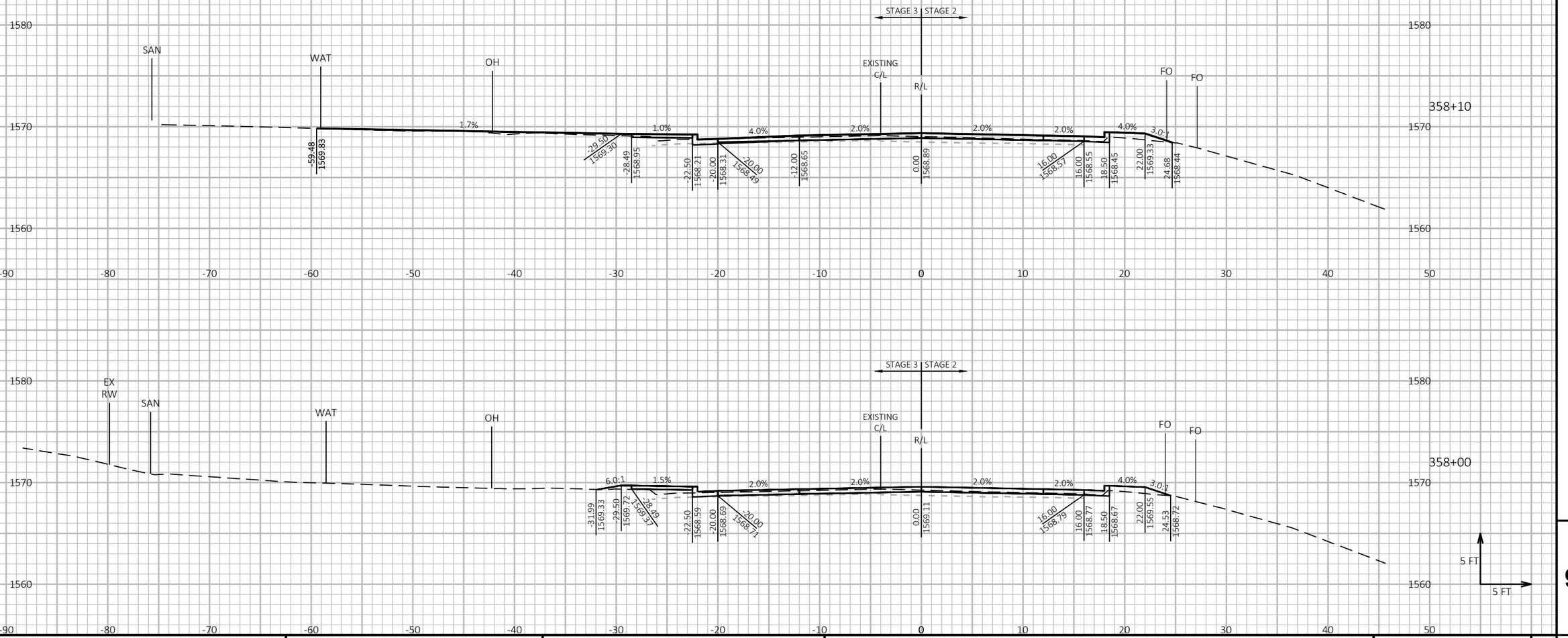
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 332	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 16

PLOT DATE : 7/20/2023 8:26 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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9

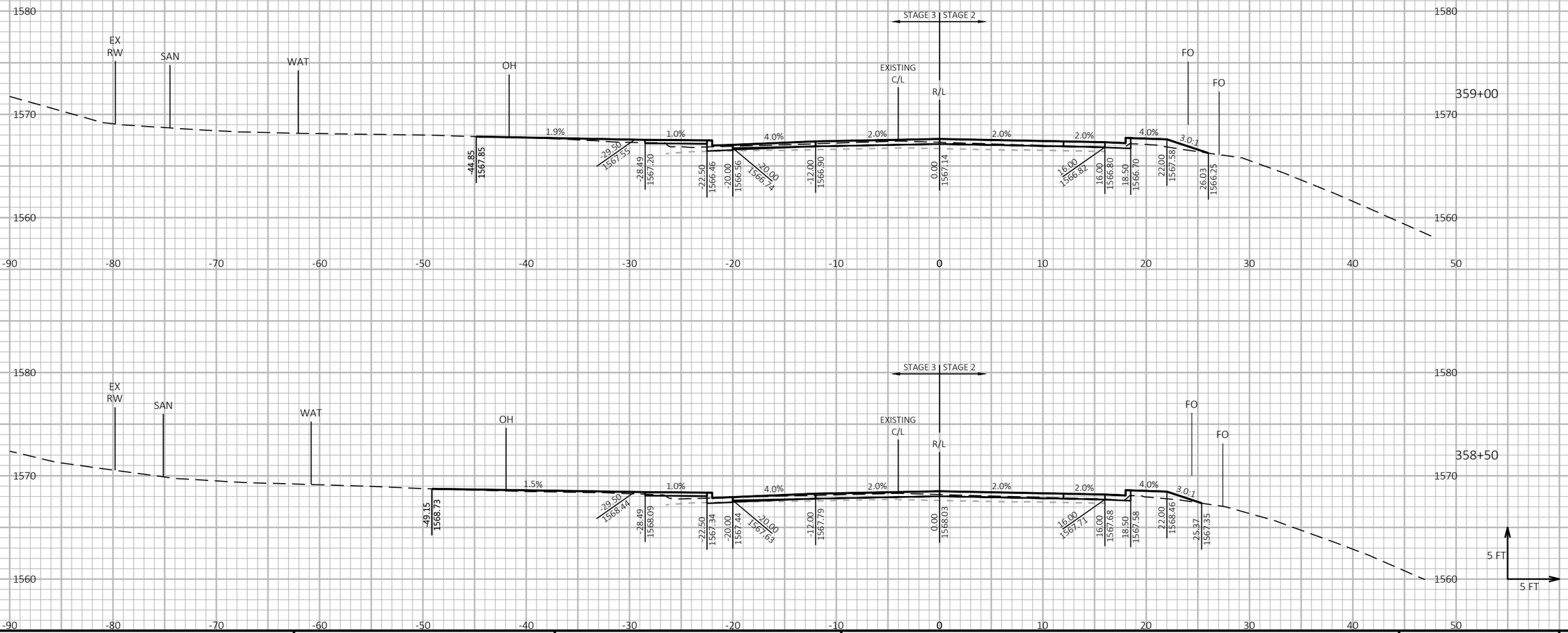
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 333	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 17

PLOT DATE : 7/20/2023 8:26 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 334	E

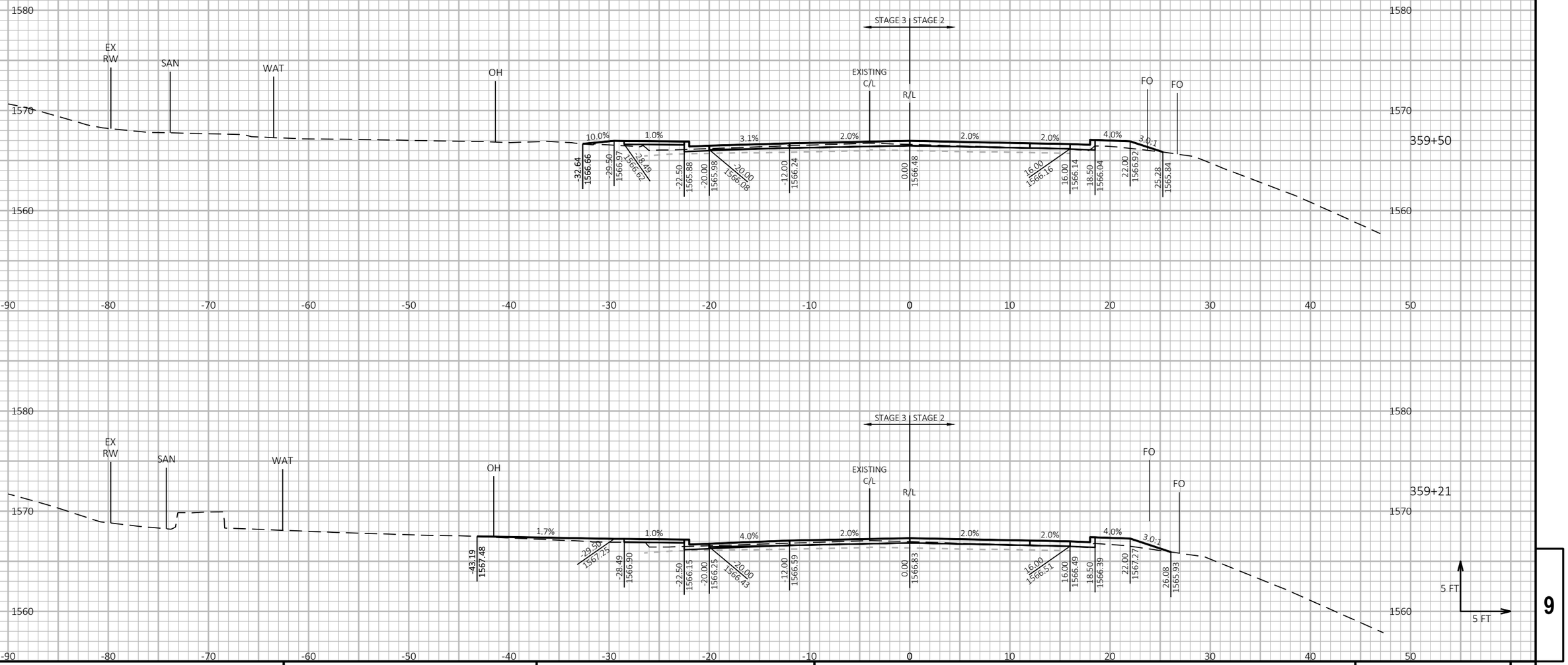
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 18

PLOT DATE : 7/20/2023 8:26 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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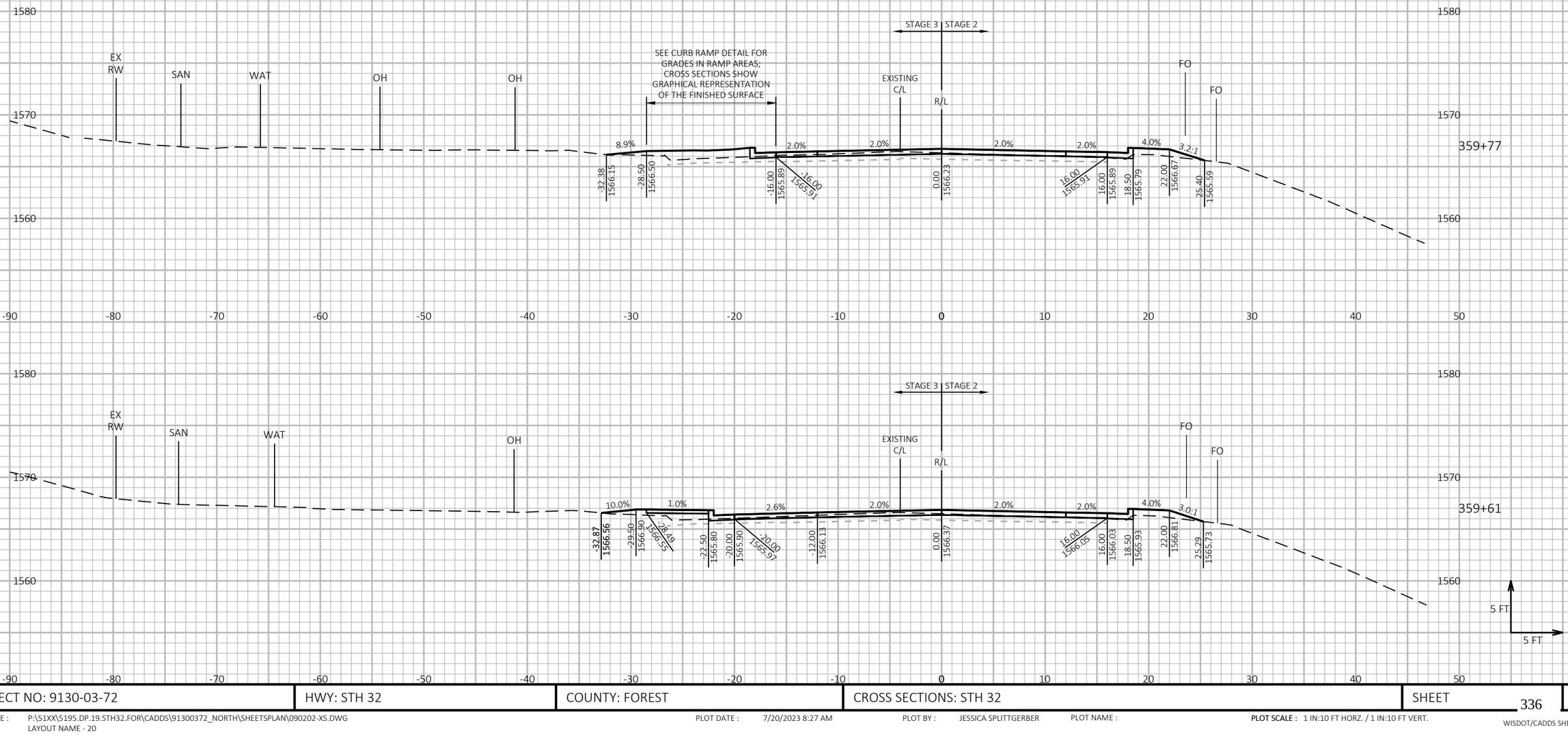
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 335	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 19

PLOT DATE : 7/20/2023 8:27 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



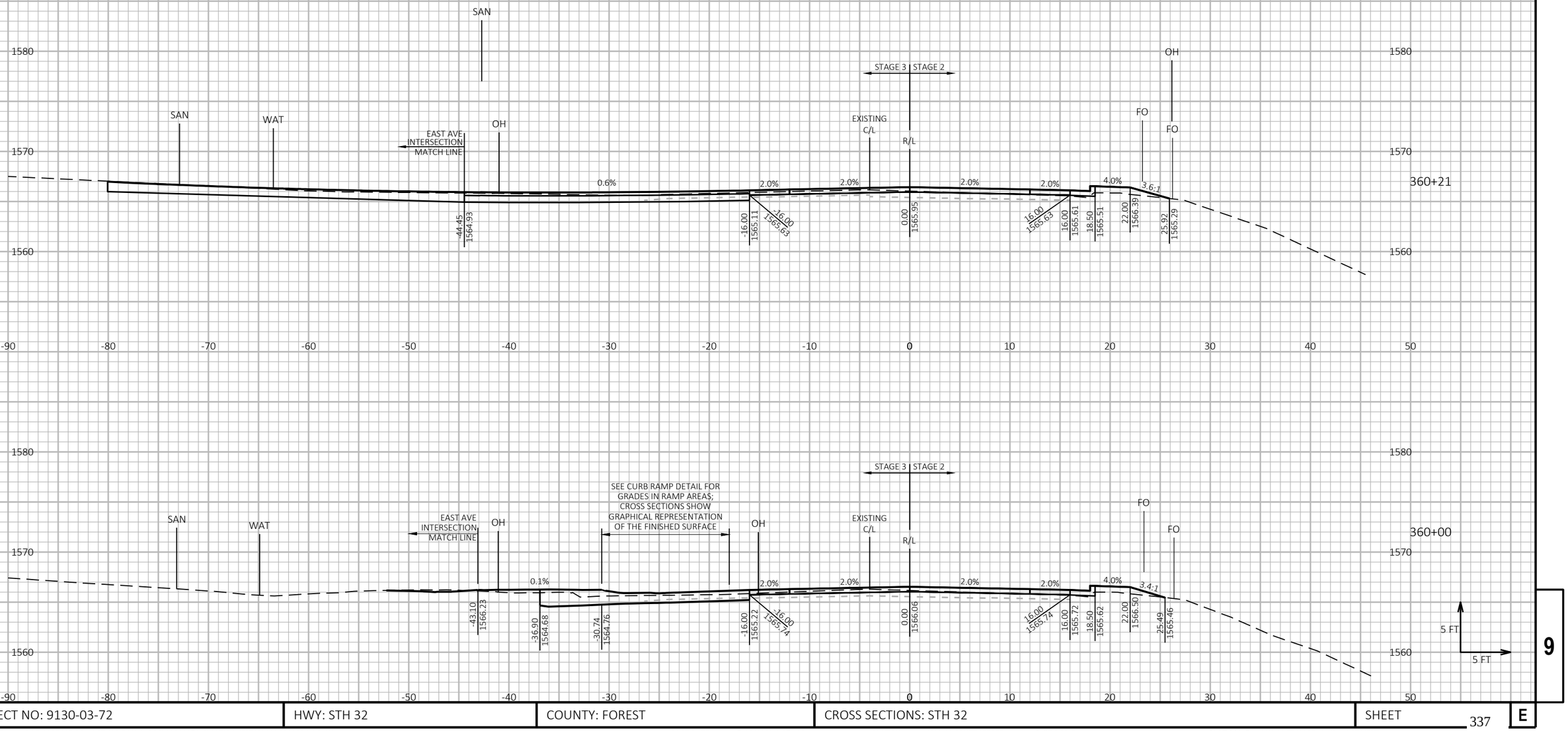
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 336	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 20

PLOT DATE : 7/20/2023 8:27 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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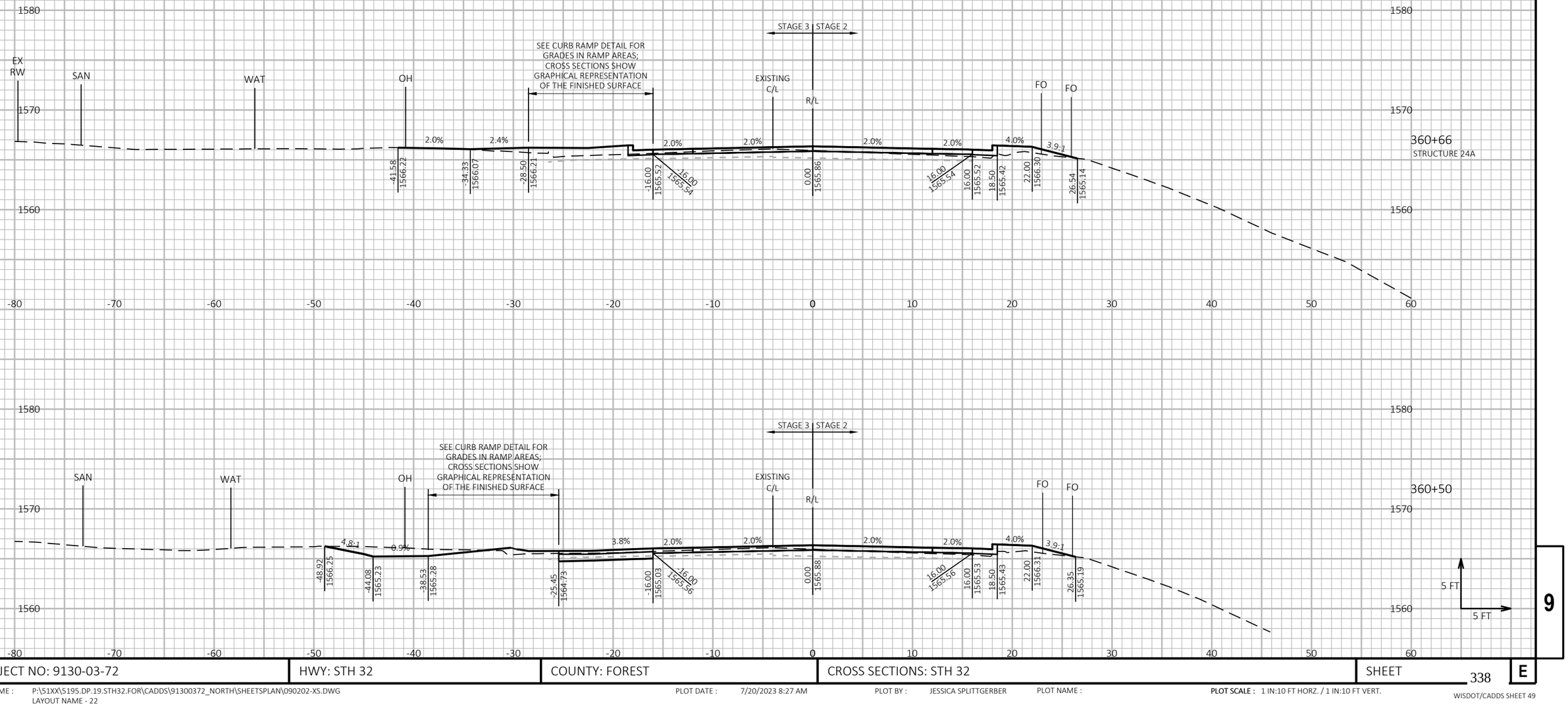
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 337	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 21
PLOT DATE : 7/20/2023 8:27 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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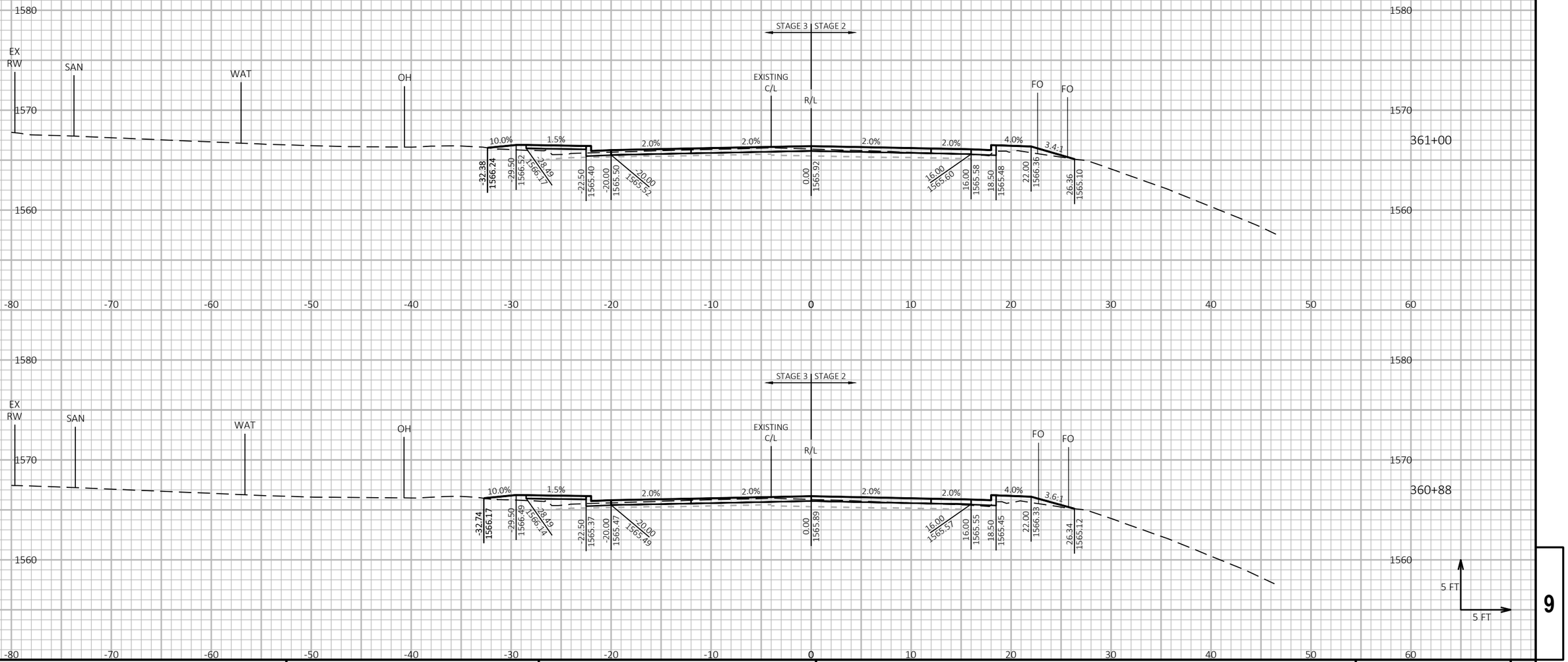
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 338	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 22

PLOT DATE : 7/20/2023 8:27 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

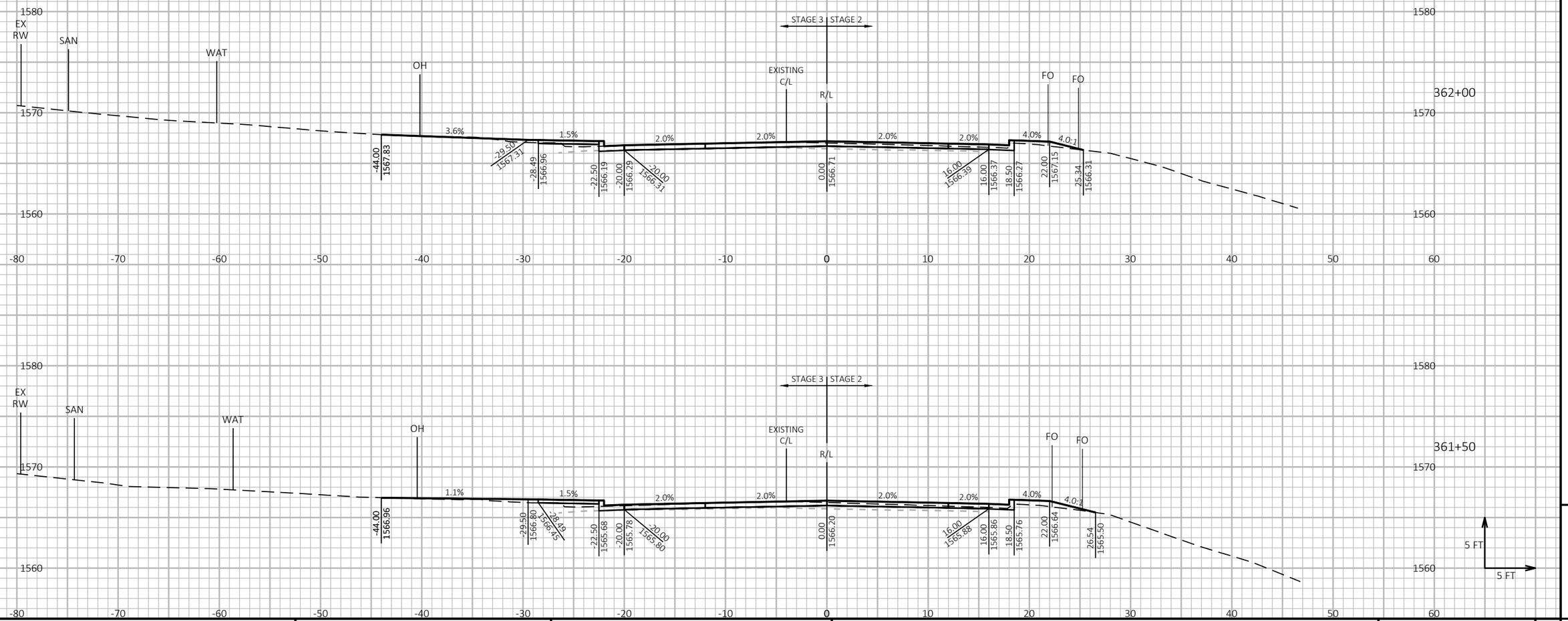
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 339	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 23
PLOT DATE : 7/20/2023 8:27 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 340	E

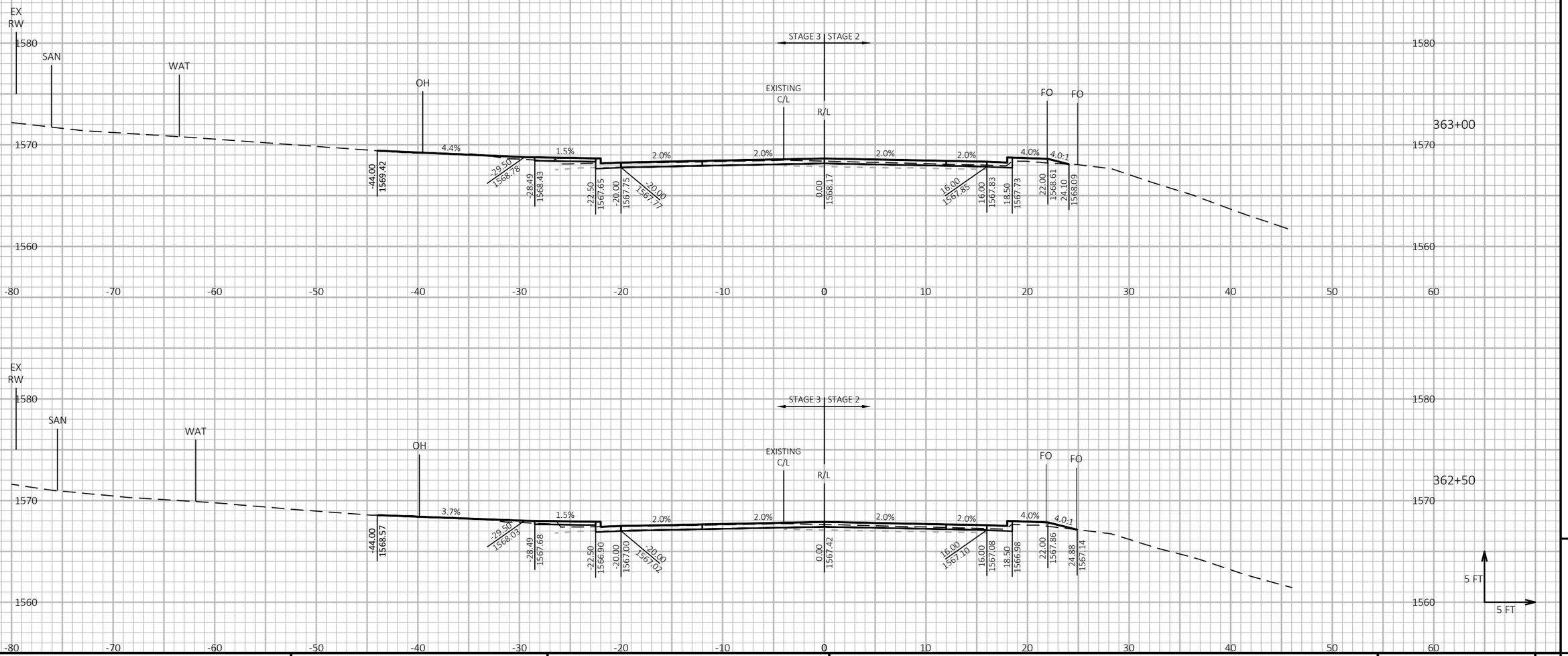
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 24

PLOT DATE : 7/20/2023 8:27 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 341	E

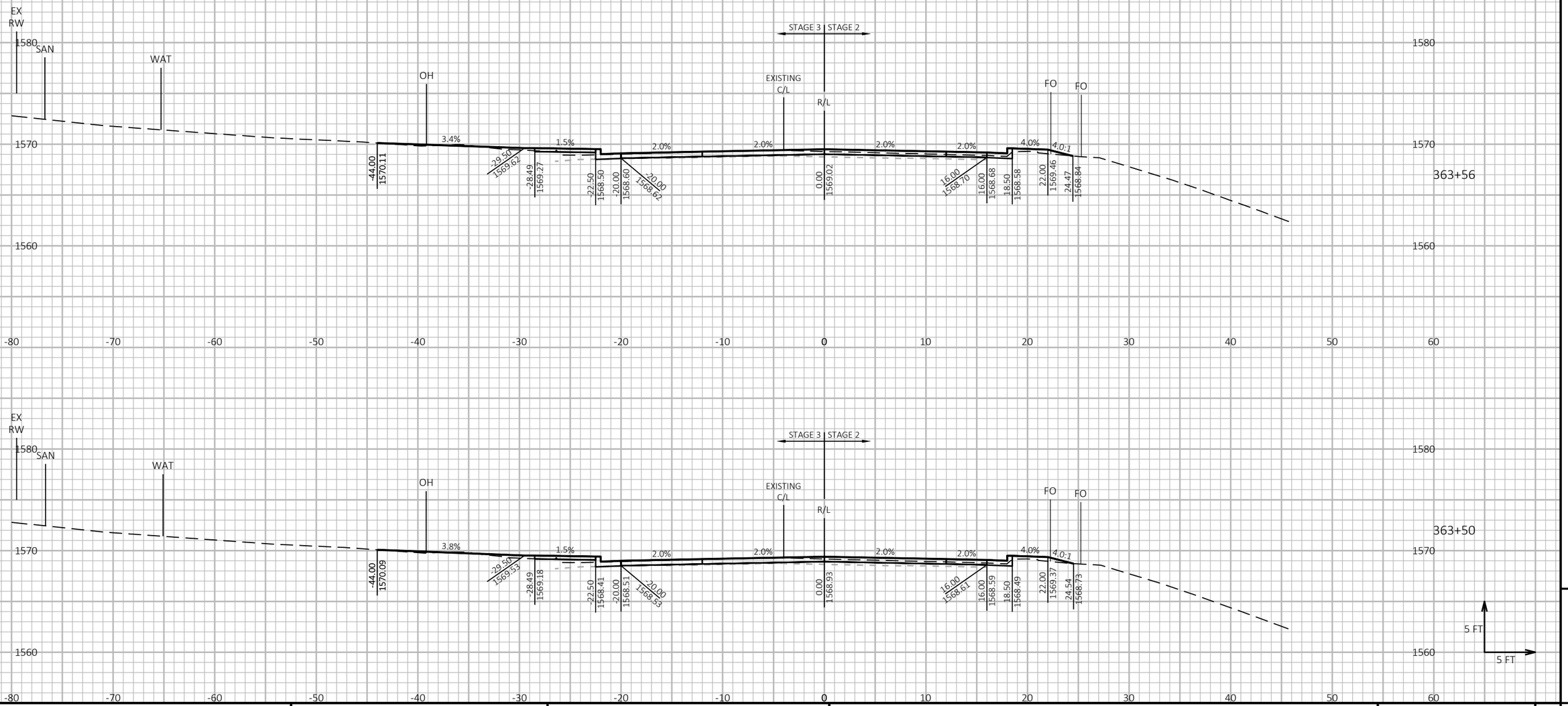
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 25

PLOT DATE : 7/20/2023 8:28 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 342	E

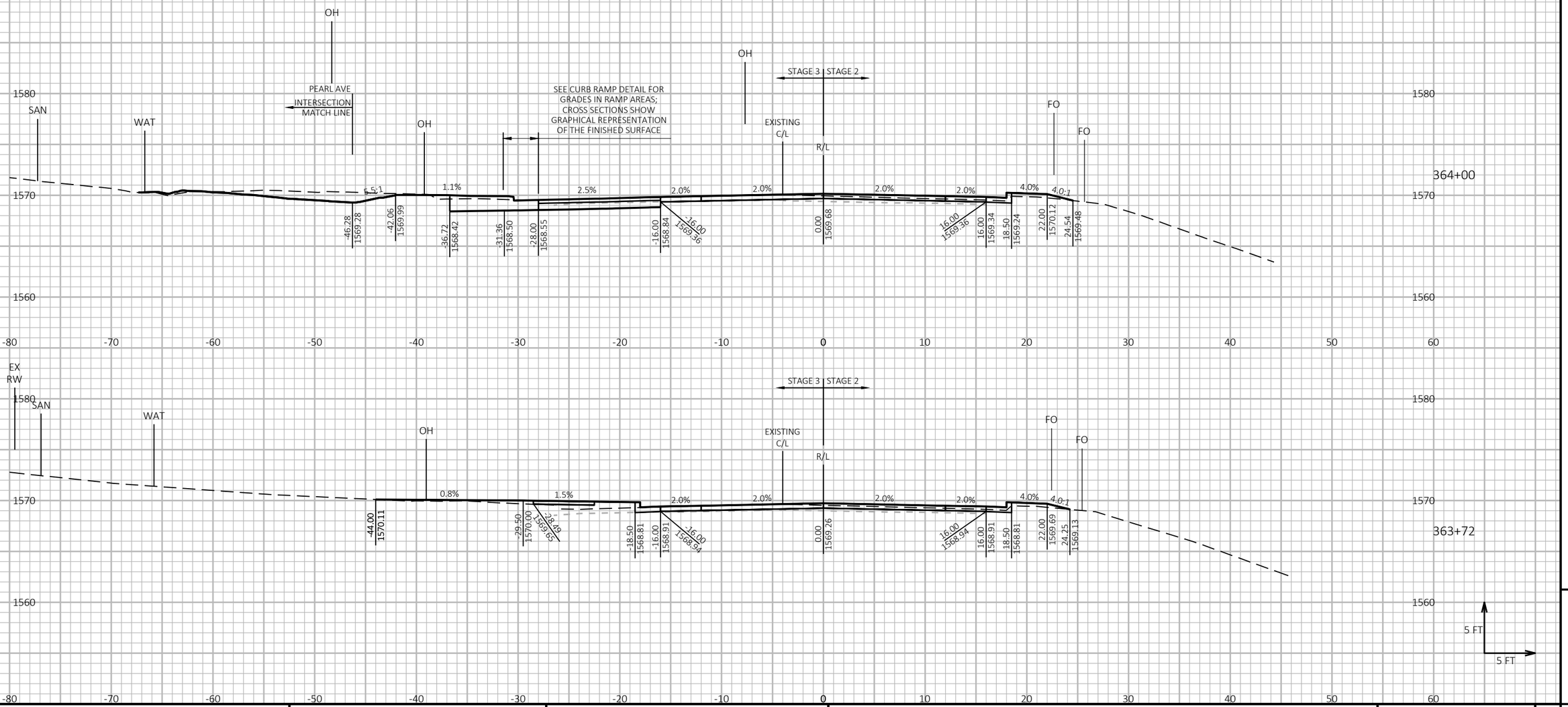
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 26

PLOT DATE : 7/20/2023 8:28 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

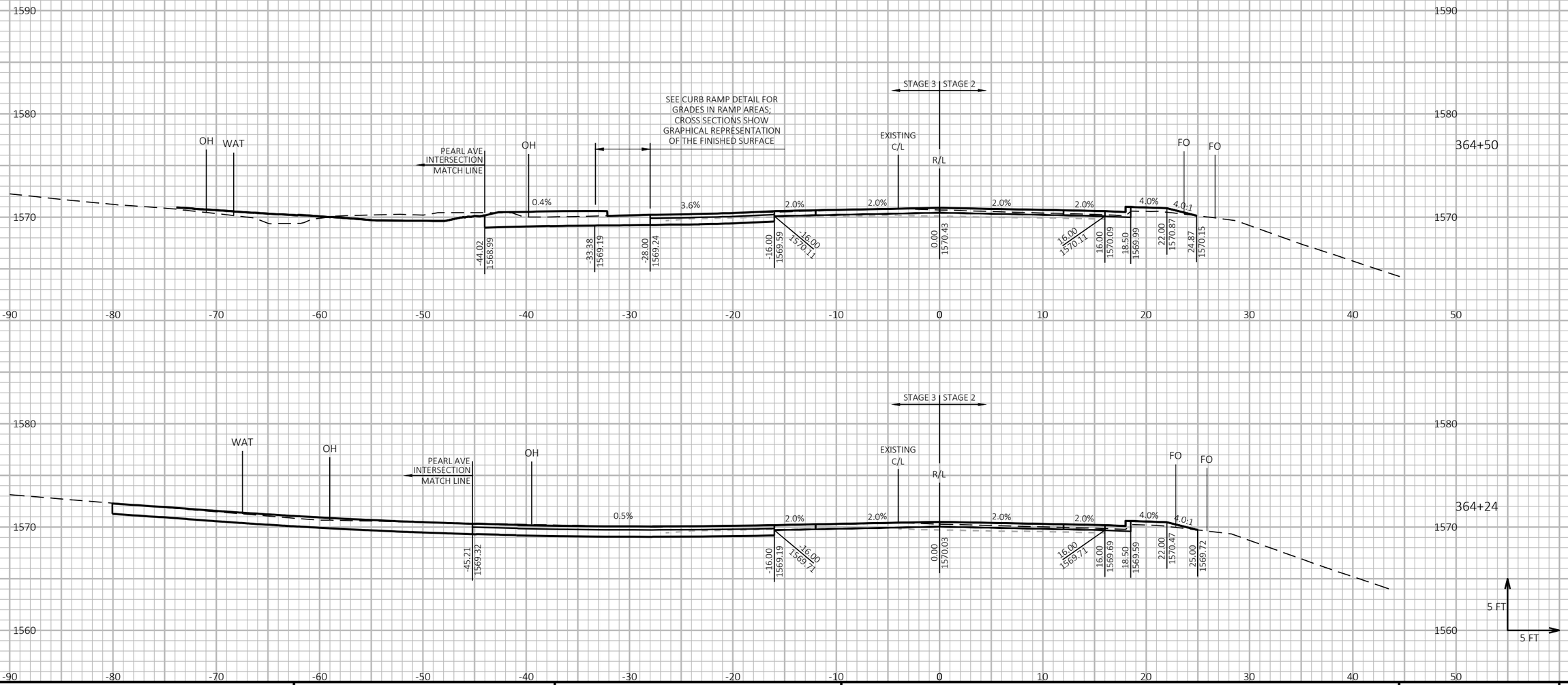
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 343	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 27
PLOT DATE : 7/20/2023 8:28 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 344	E

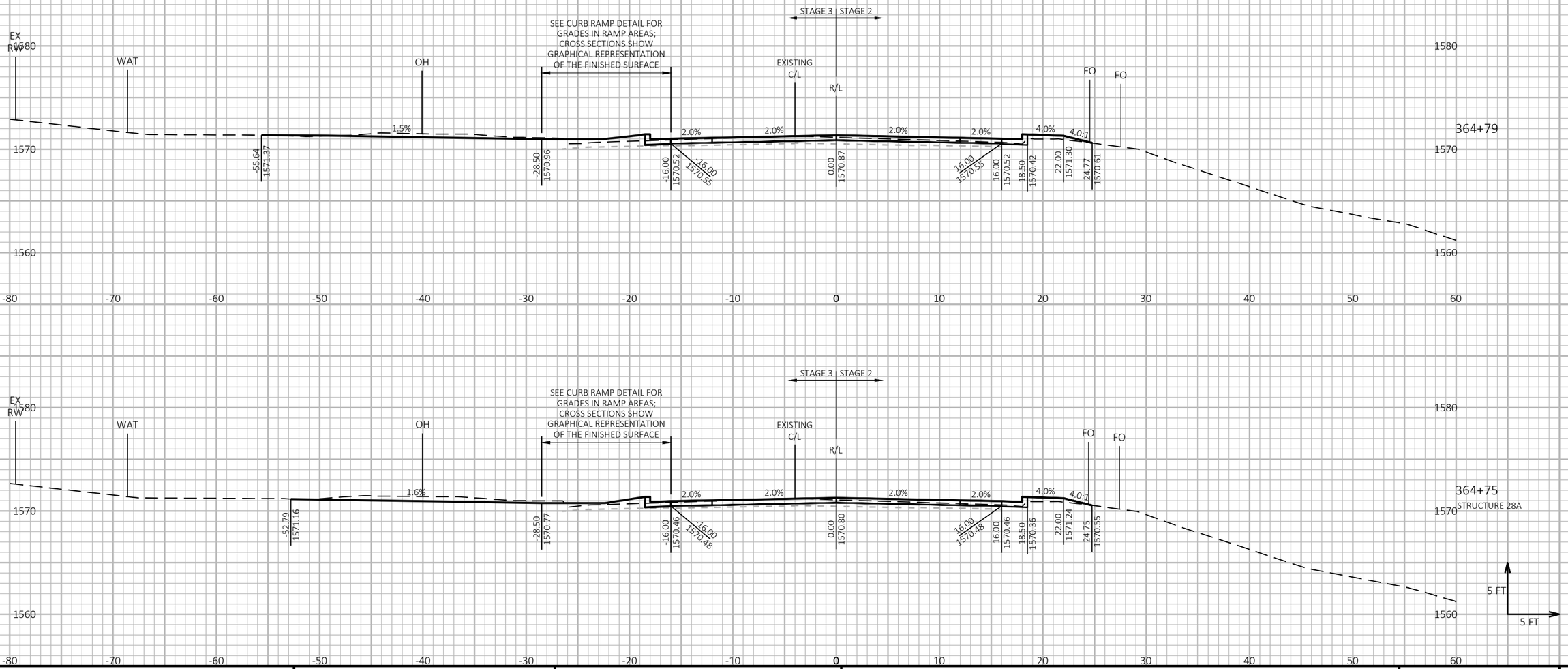
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 28

PLOT DATE : 7/20/2023 8:28 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

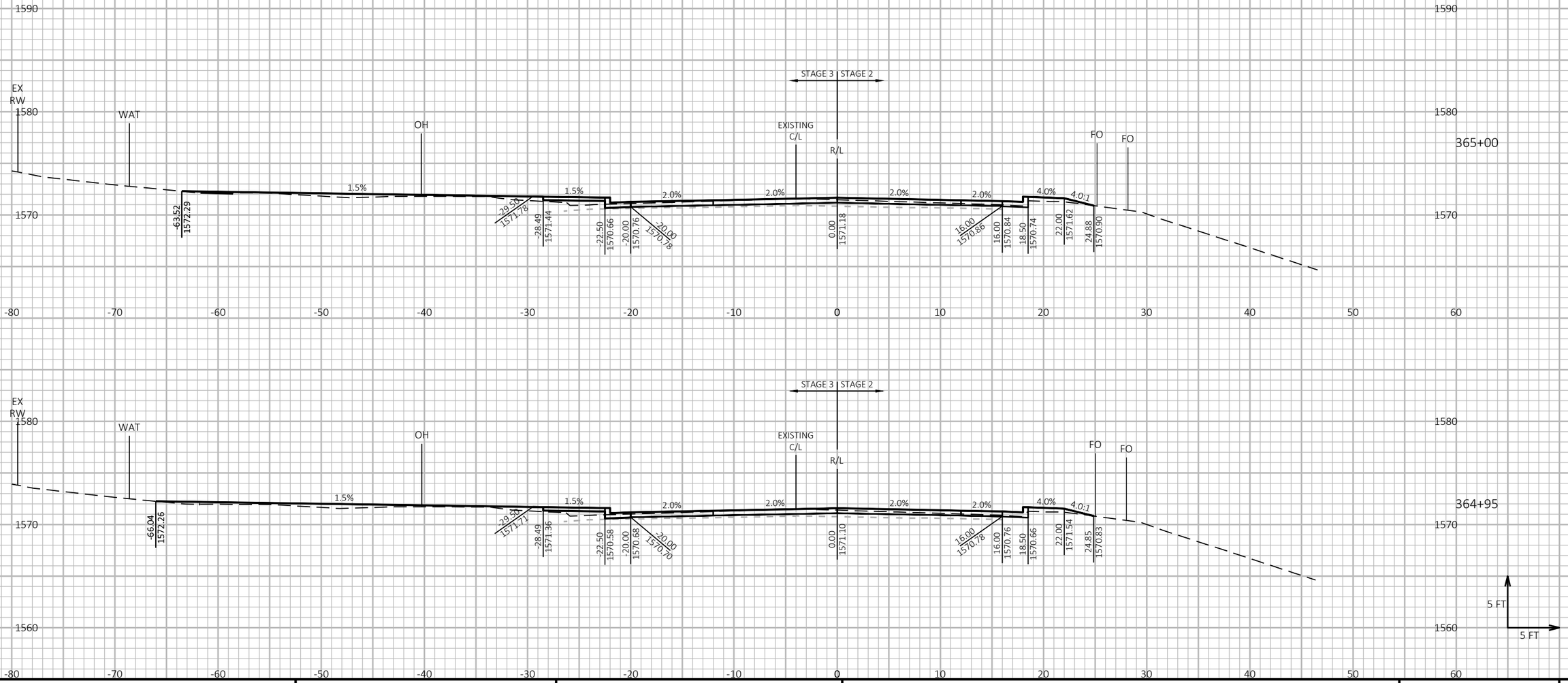
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 345	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 29
PLOT DATE : 7/20/2023 8:28 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 346	E

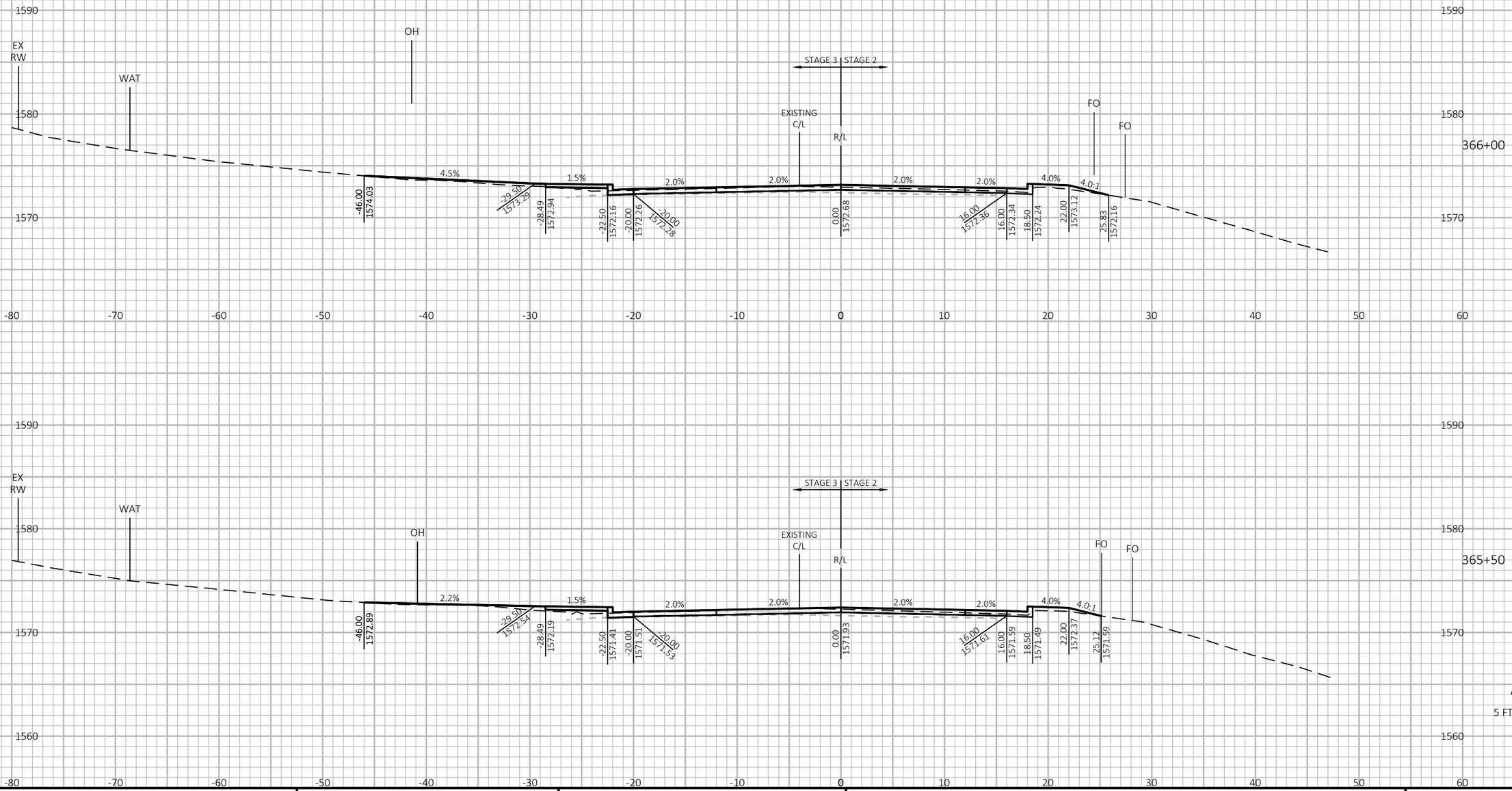
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 30

PLOT DATE : 7/20/2023 8:28 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 347	E

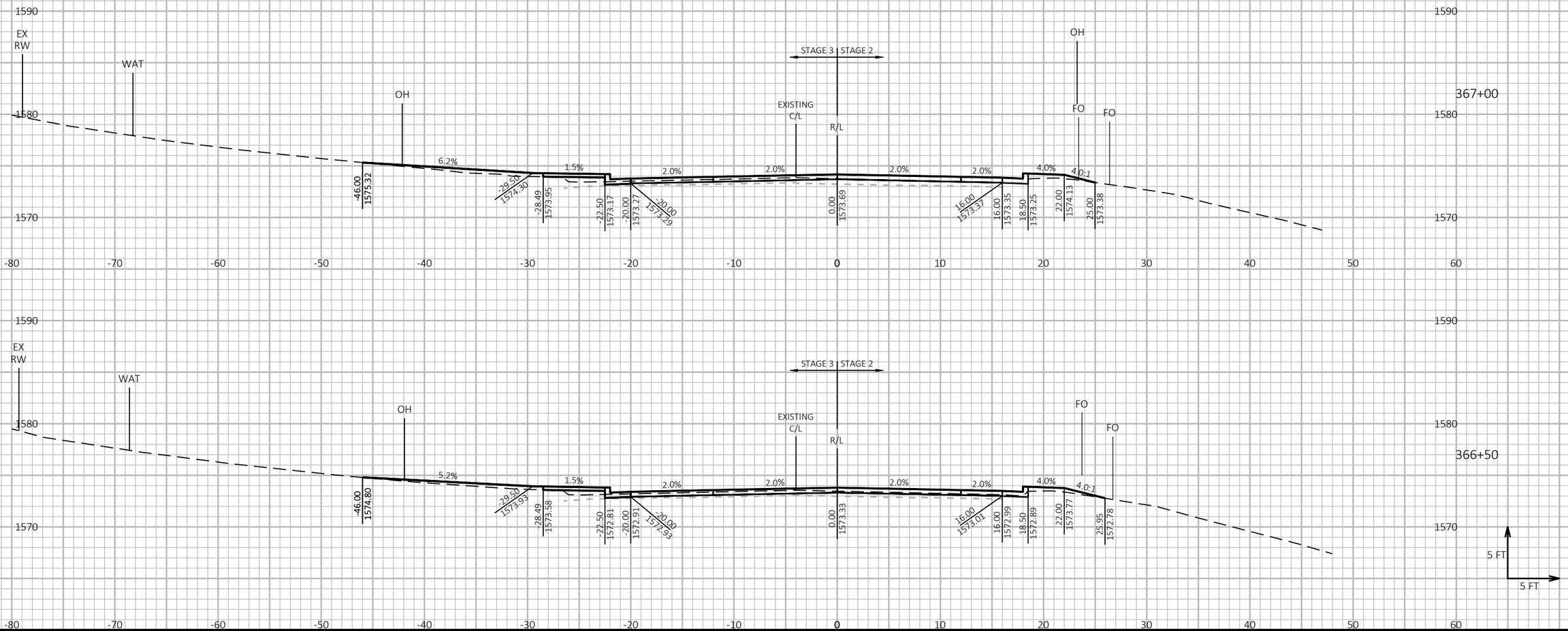
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 31

PLOT DATE : 7/20/2023 8:29 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 348	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 32

PLOT DATE : 7/20/2023 8:29 AM

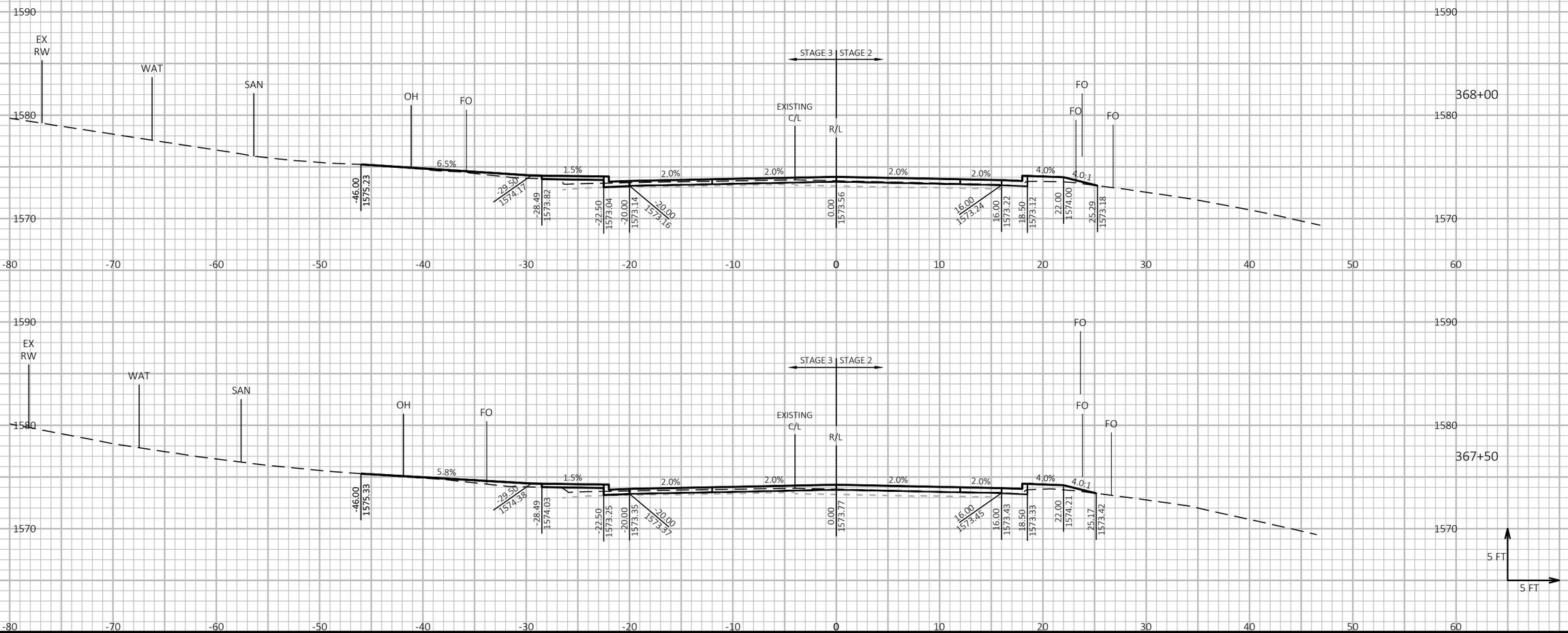
PLOT BY : JESSICA SPLITTGERBER

PLOT NAME :

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

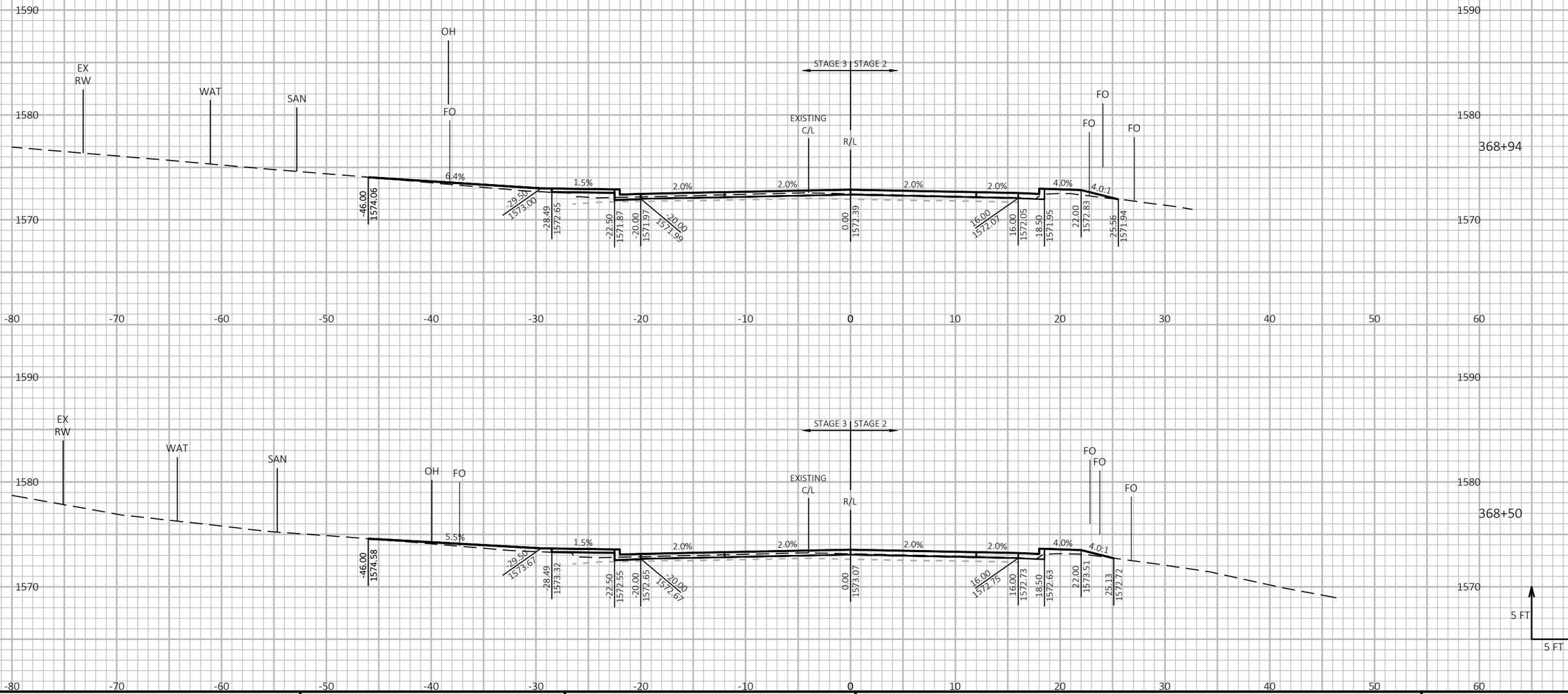
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 349	E

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



9

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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 350	E

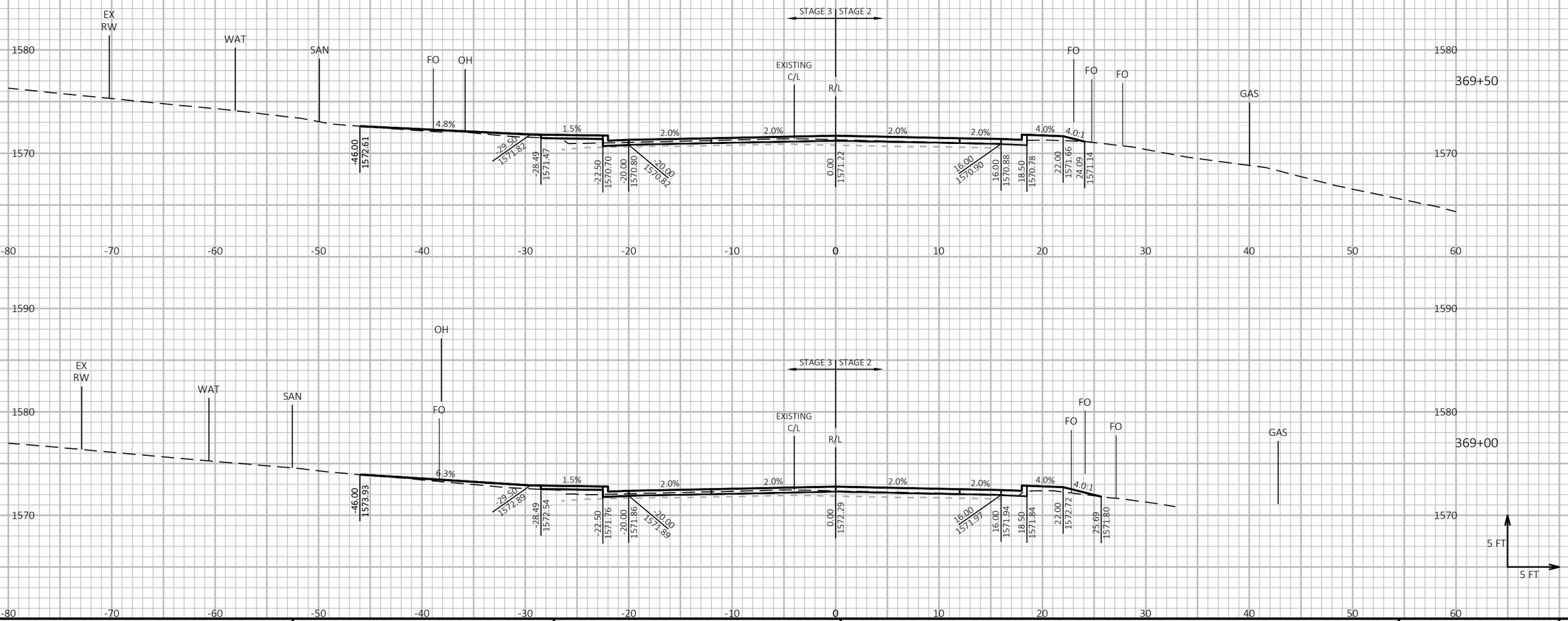
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 34

PLOT DATE : 7/20/2023 8:29 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 351	E

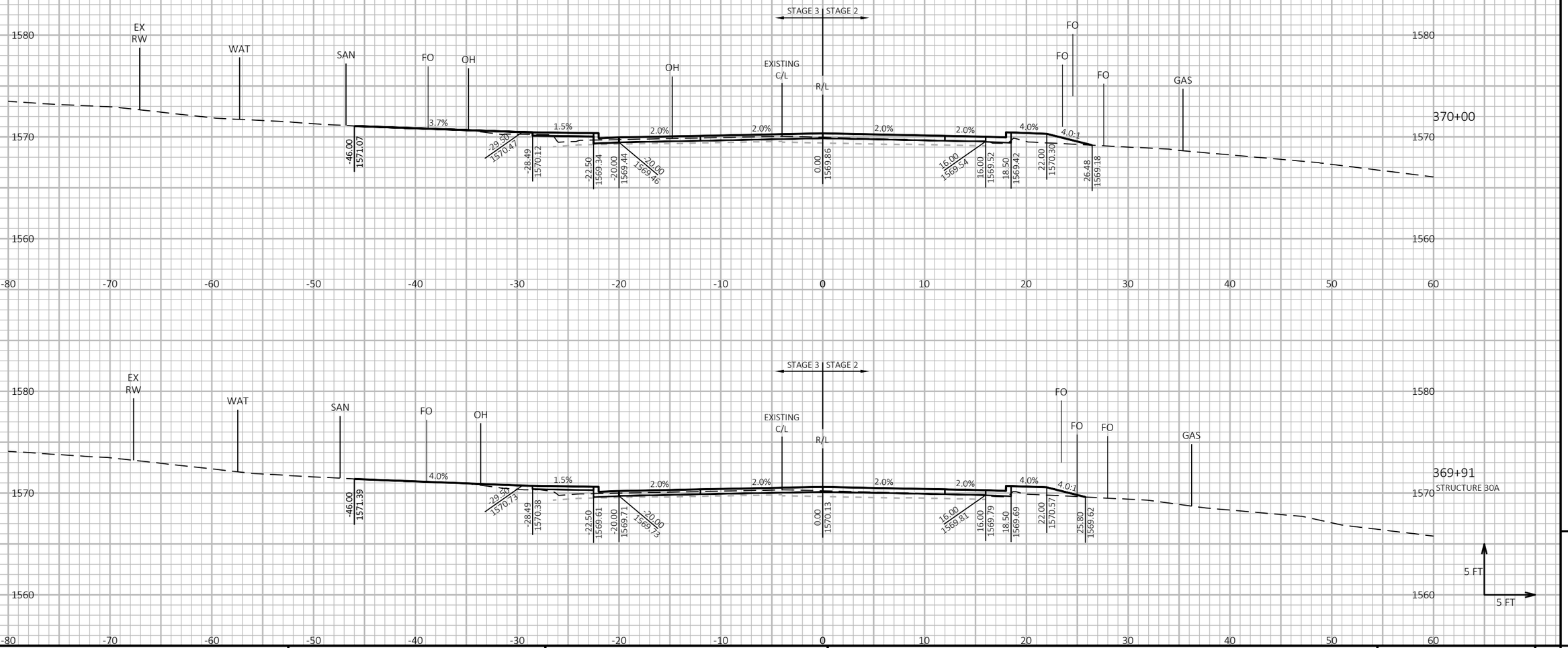
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 35

PLOT DATE : 7/20/2023 8:29 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



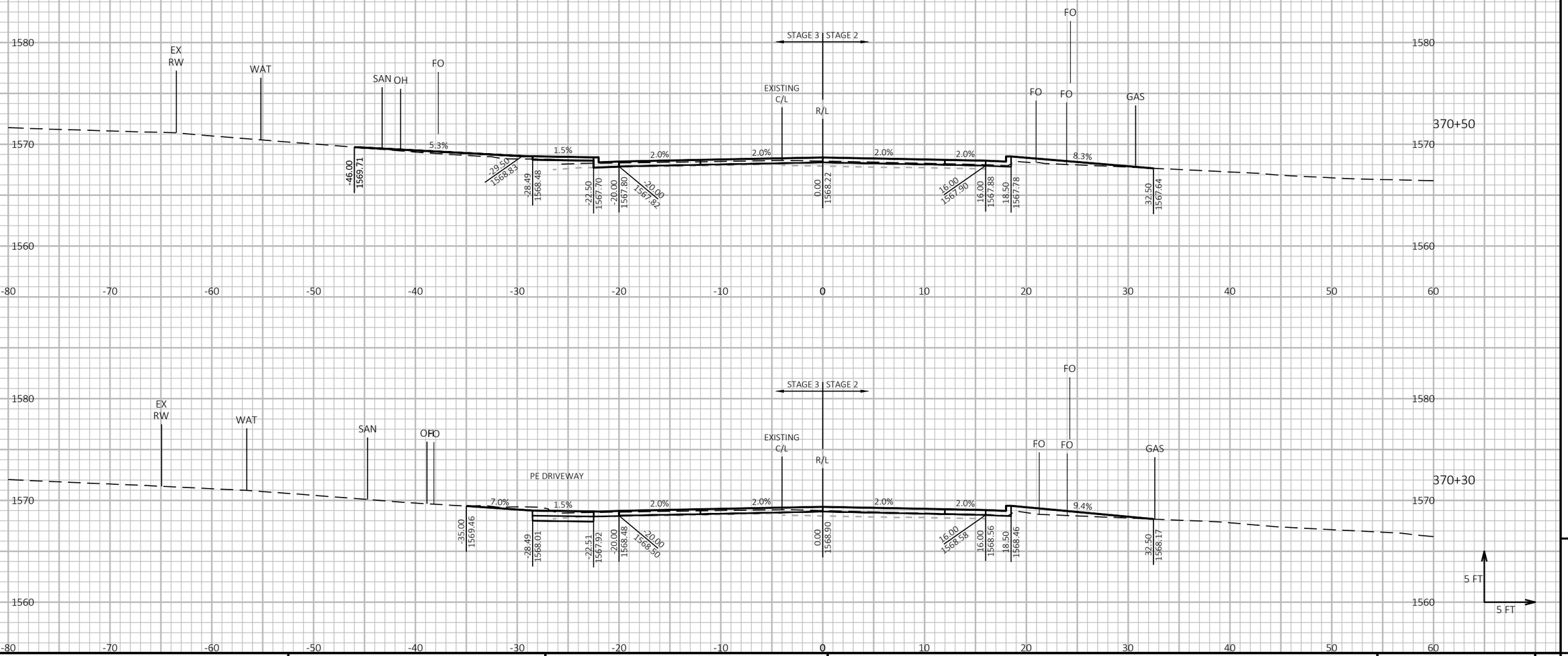
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 352	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 36

PLOT DATE : 7/20/2023 8:29 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

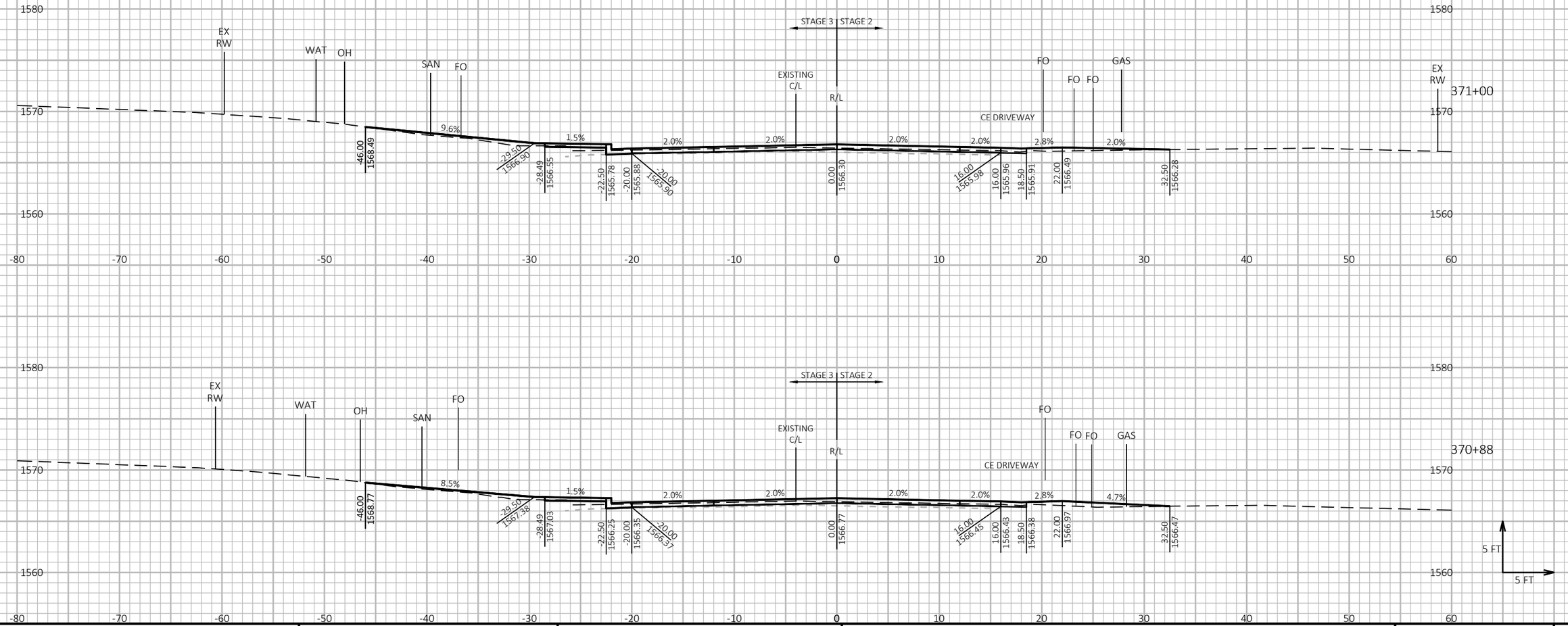
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 353	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 37
PLOT DATE : 7/20/2023 8:30 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 354	E

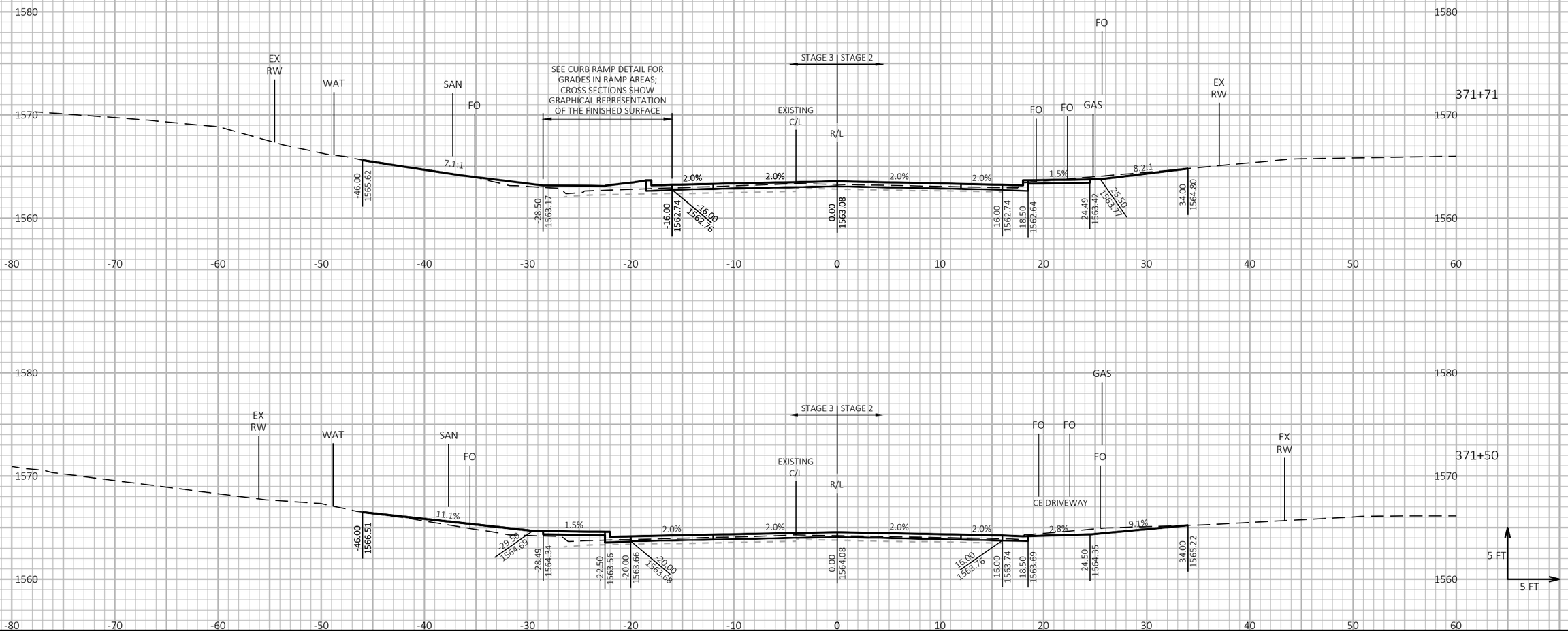
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 38

PLOT DATE : 7/20/2023 8:30 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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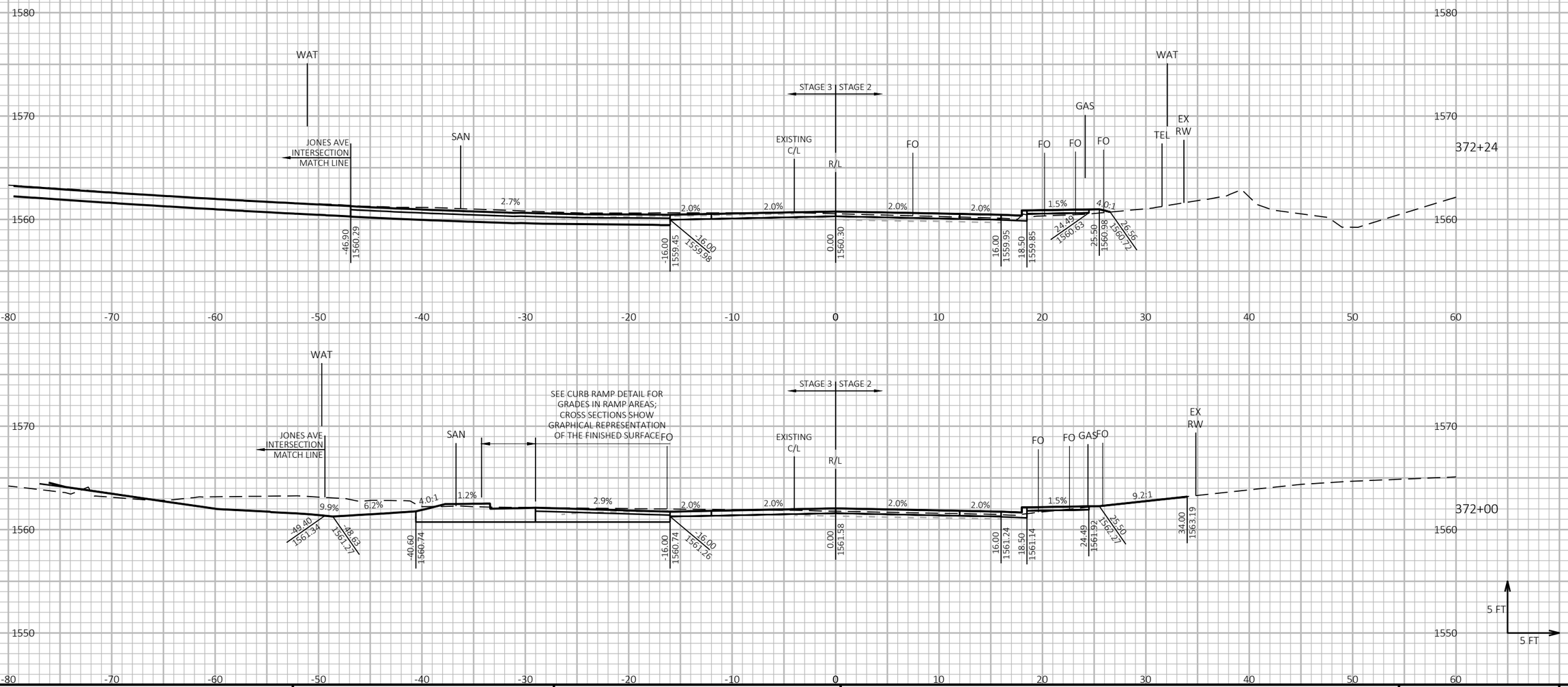
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 355	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 39

PLOT DATE : 7/20/2023 8:30 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



9

9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 356	E

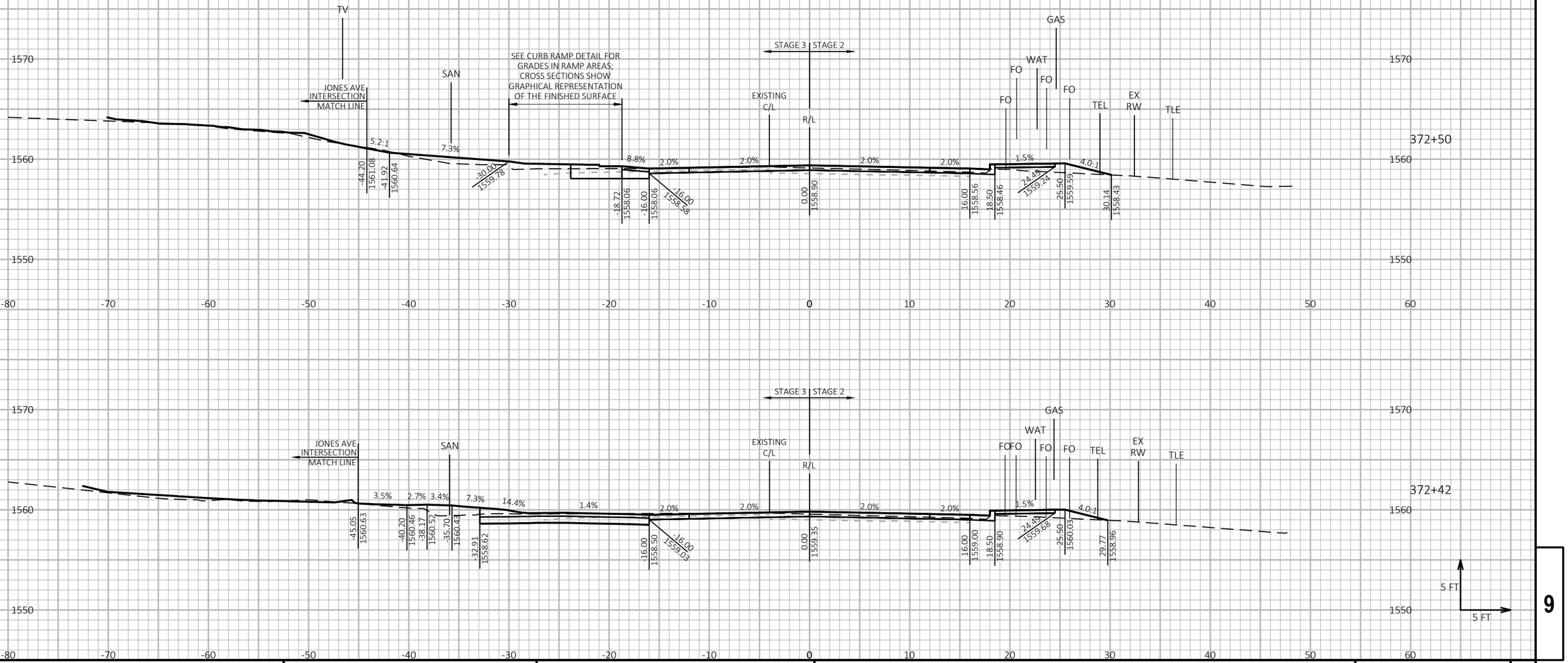
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 40

PLOT DATE : 7/20/2023 8:30 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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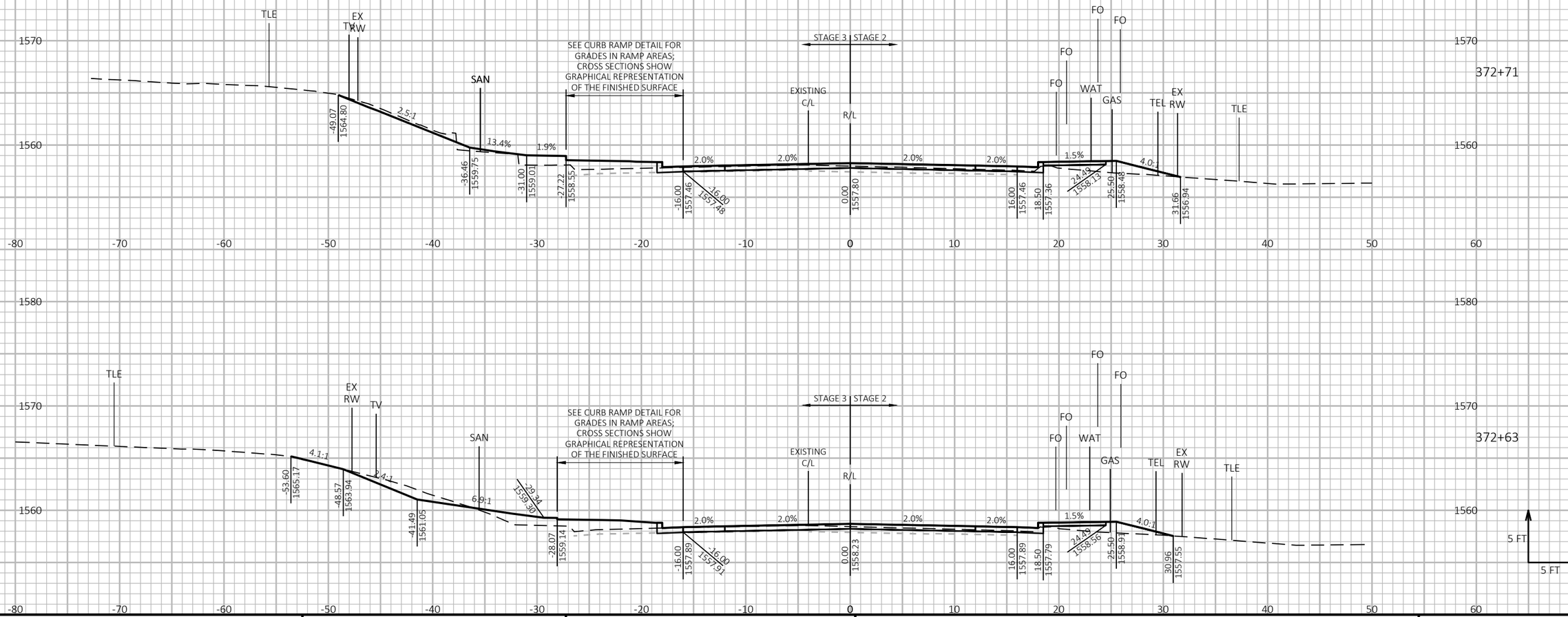
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 357	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 41

PLOT DATE : 7/20/2023 8:30 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

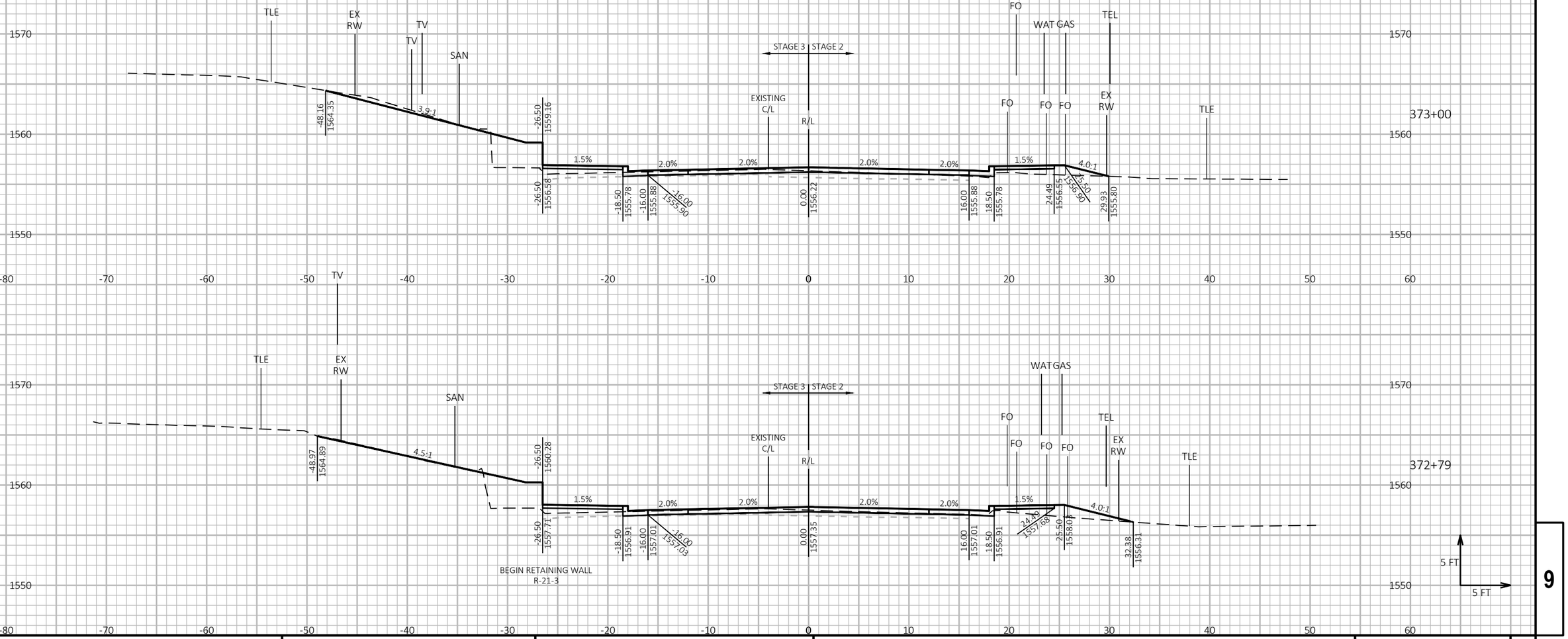
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 358	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 42
PLOT DATE : 7/20/2023 8:30 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 359	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 43

PLOT DATE : 7/20/2023 8:31 AM

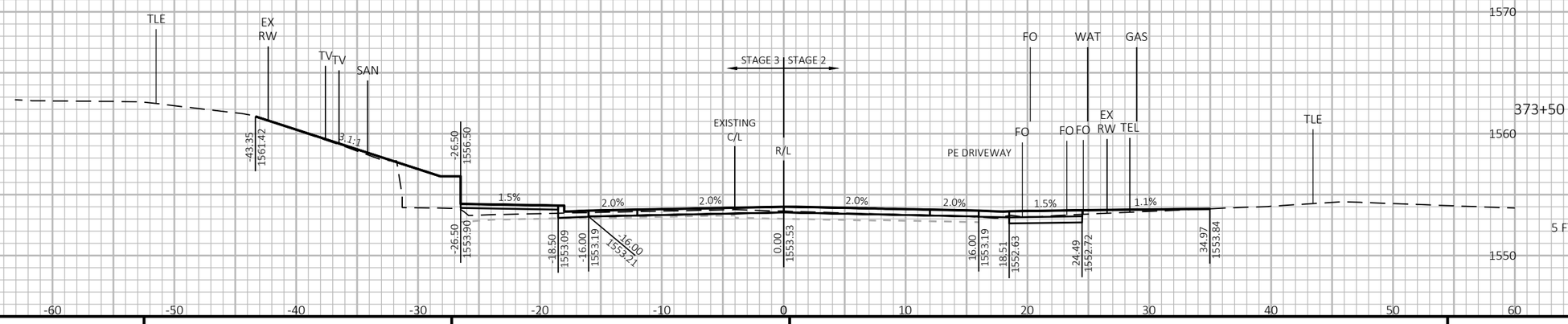
PLOT BY : JESSICA SPLITTGERBER

PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



9 9

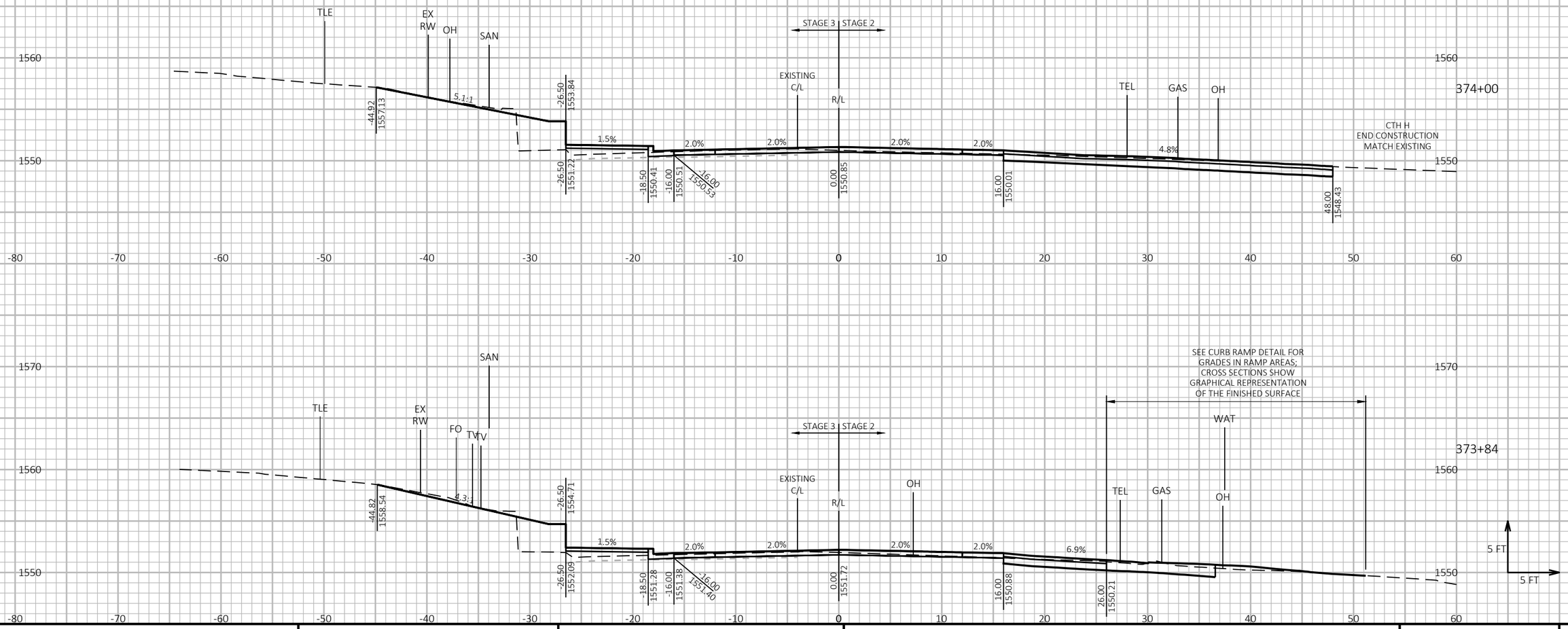
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 360	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 44

PLOT DATE : 7/20/2023 8:31 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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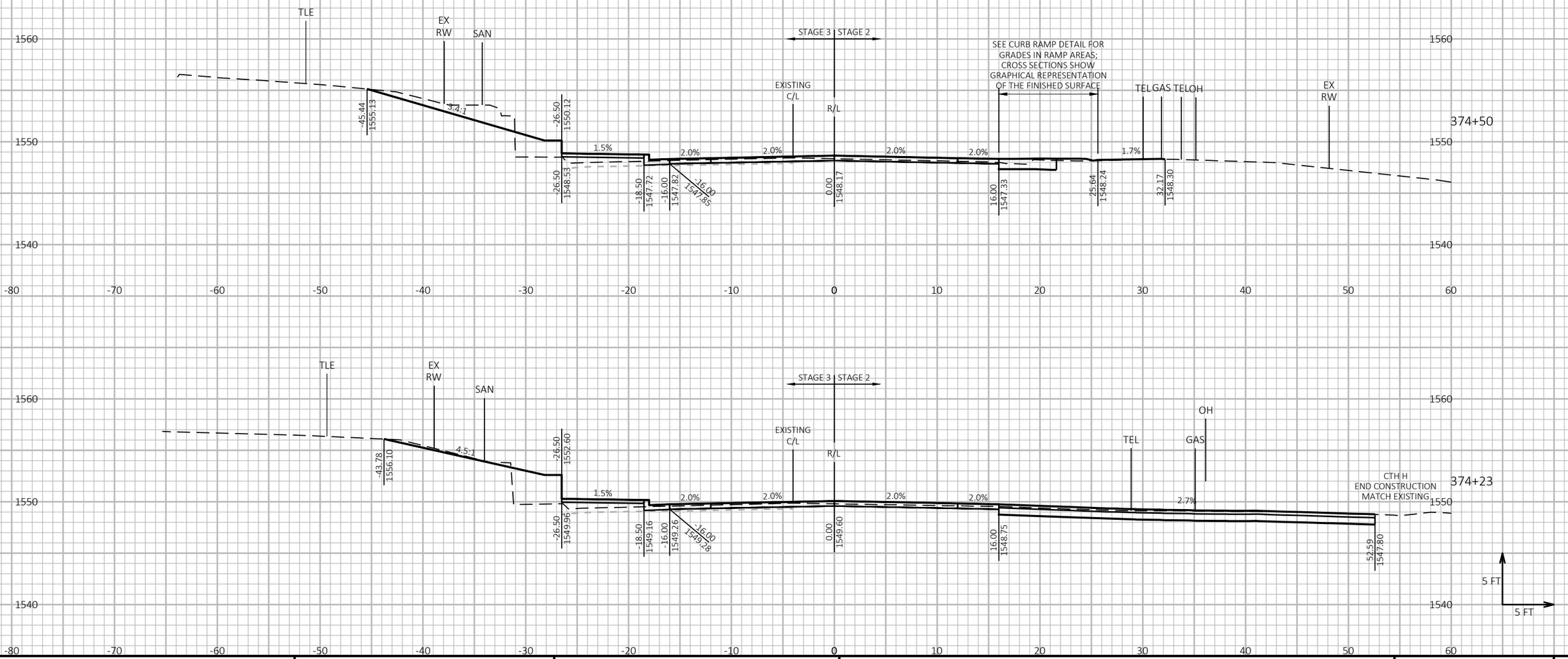
9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 361	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 45
PLOT DATE : 7/20/2023 8:31 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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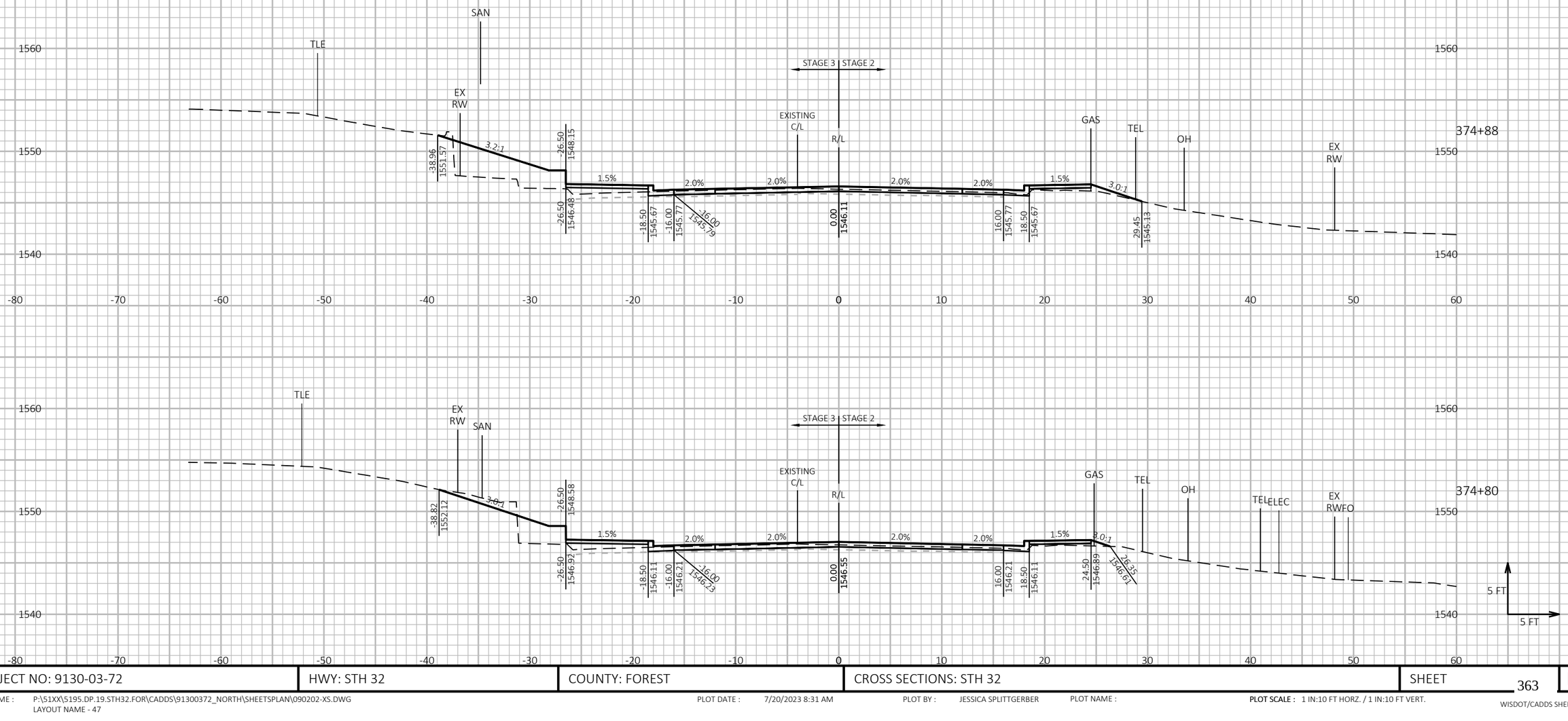
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 362	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 46

PLOT DATE : 7/20/2023 8:31 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

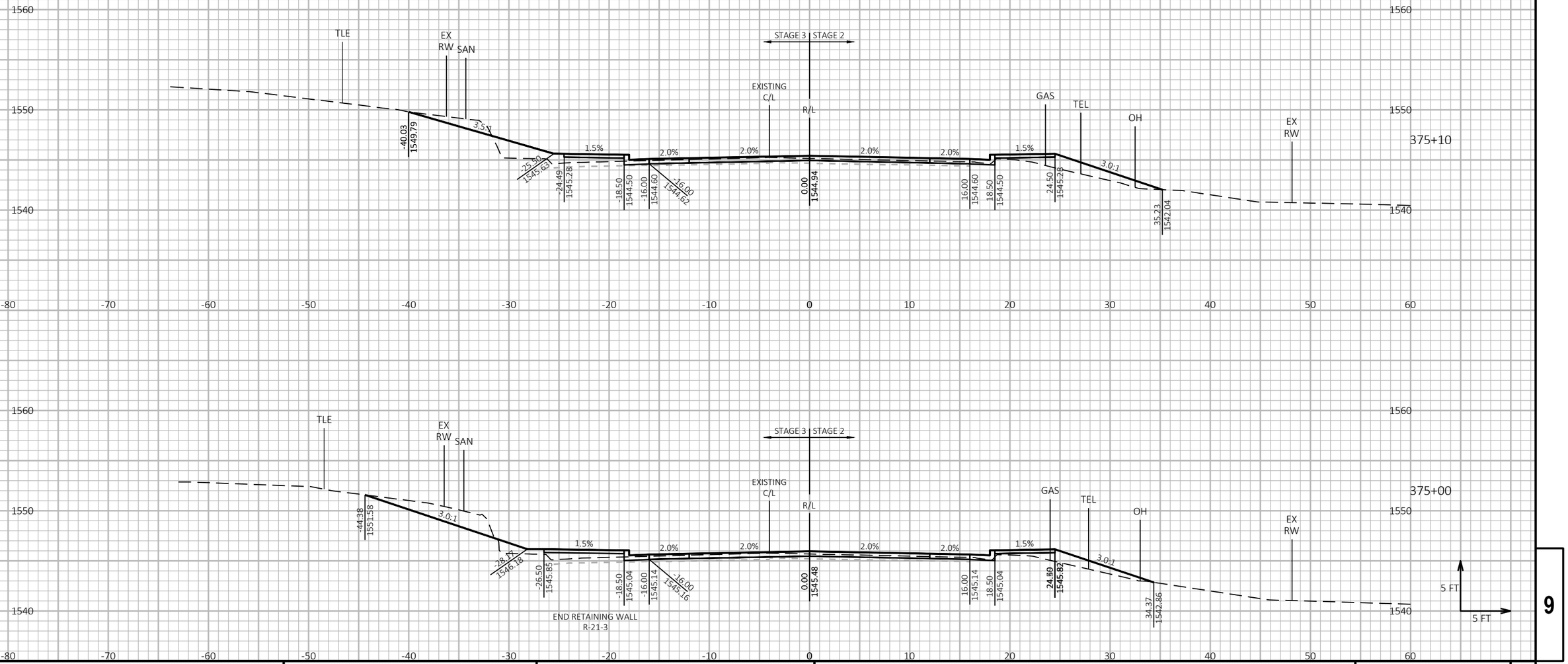
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 363	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 47
PLOT DATE : 7/20/2023 8:31 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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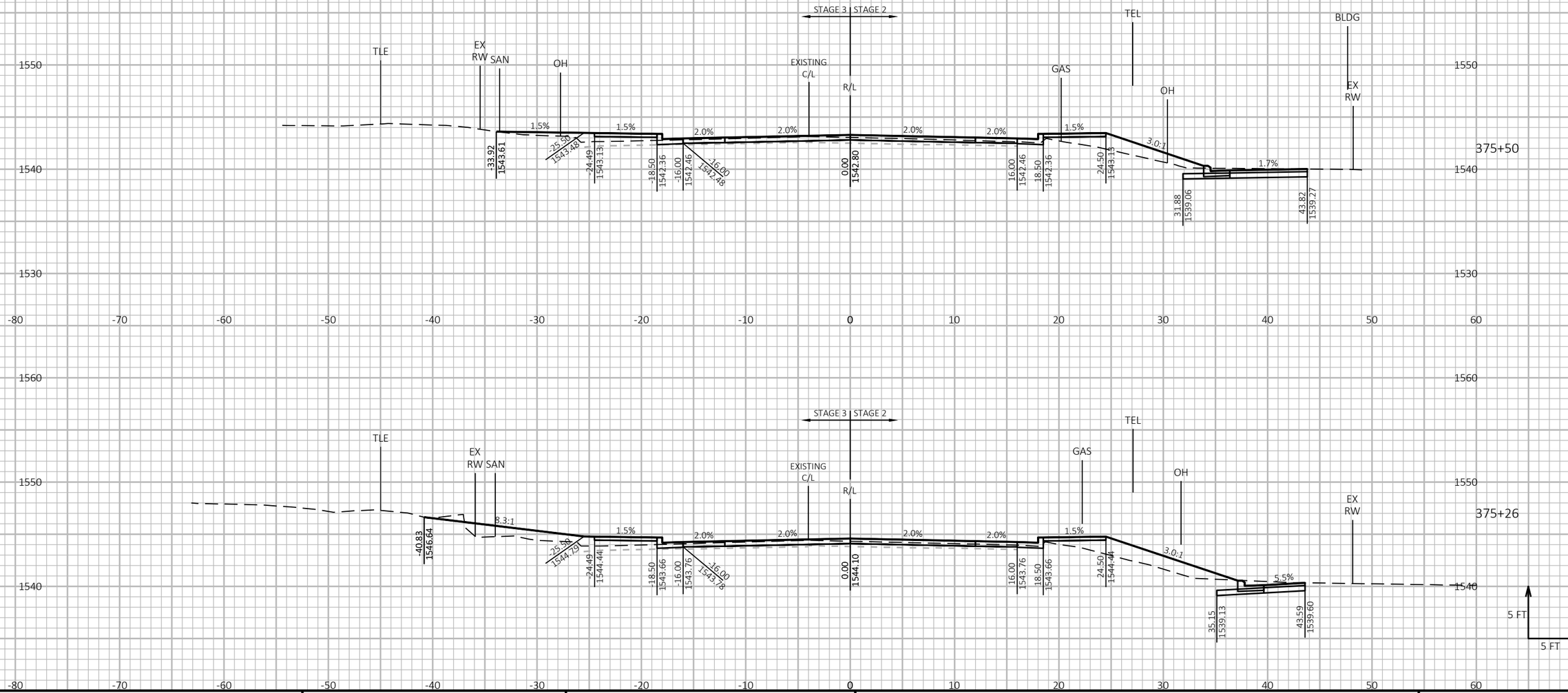
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 364	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 48
PLOT DATE : 7/20/2023 8:31 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

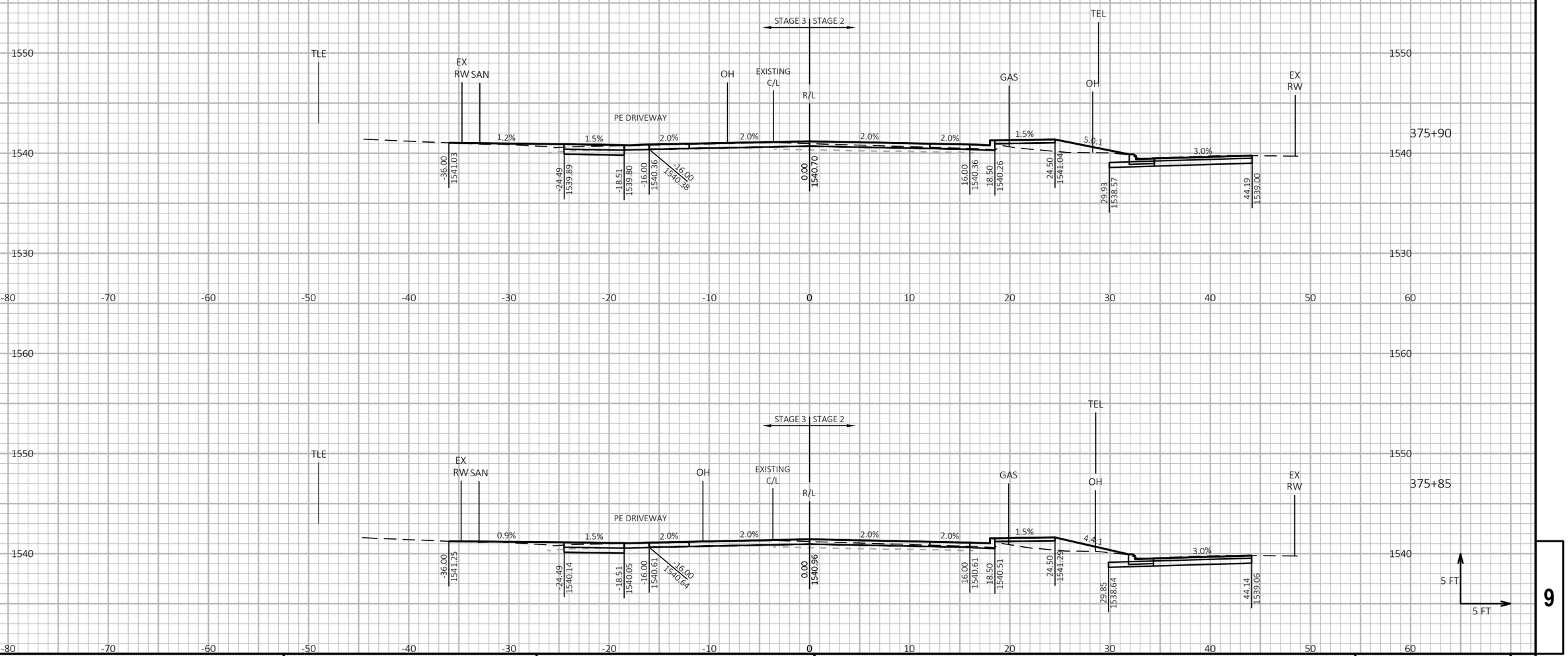
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 365	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 49
PLOT DATE : 7/20/2023 8:32 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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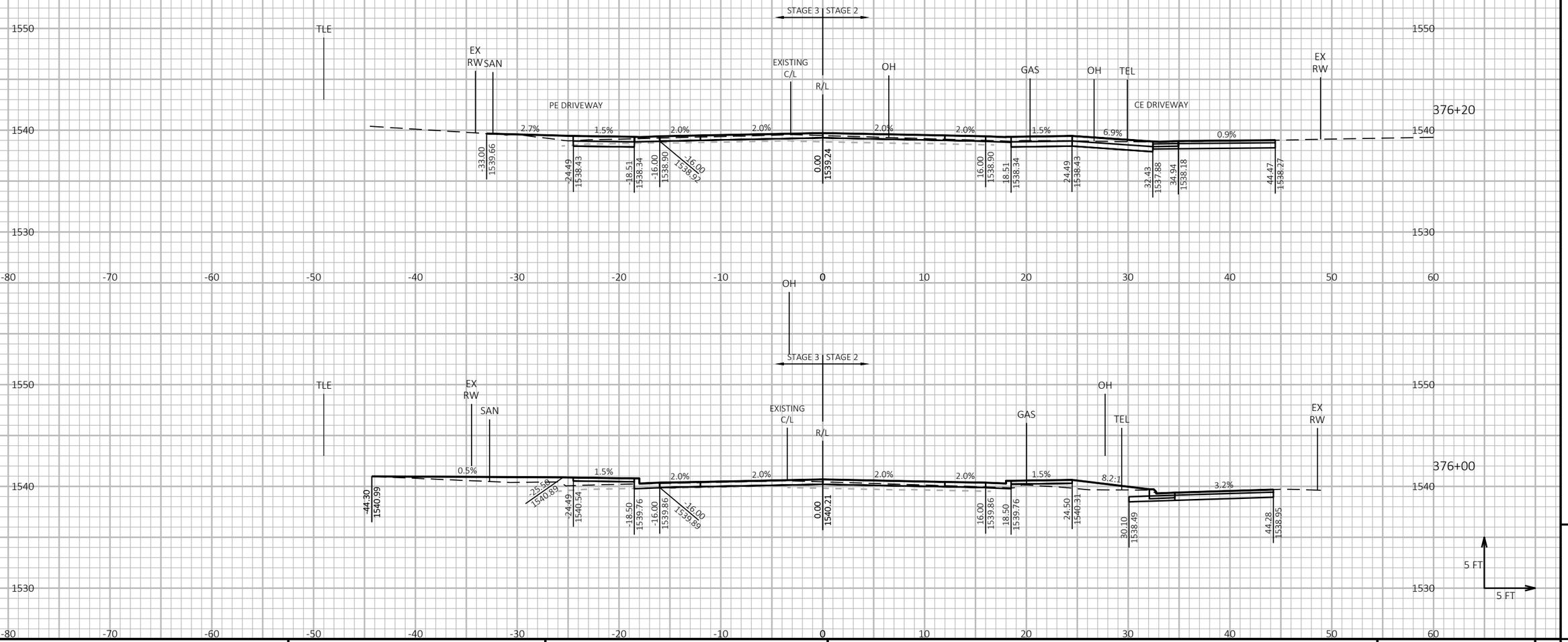
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 366	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 50

PLOT DATE : 7/20/2023 8:32 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 367	E

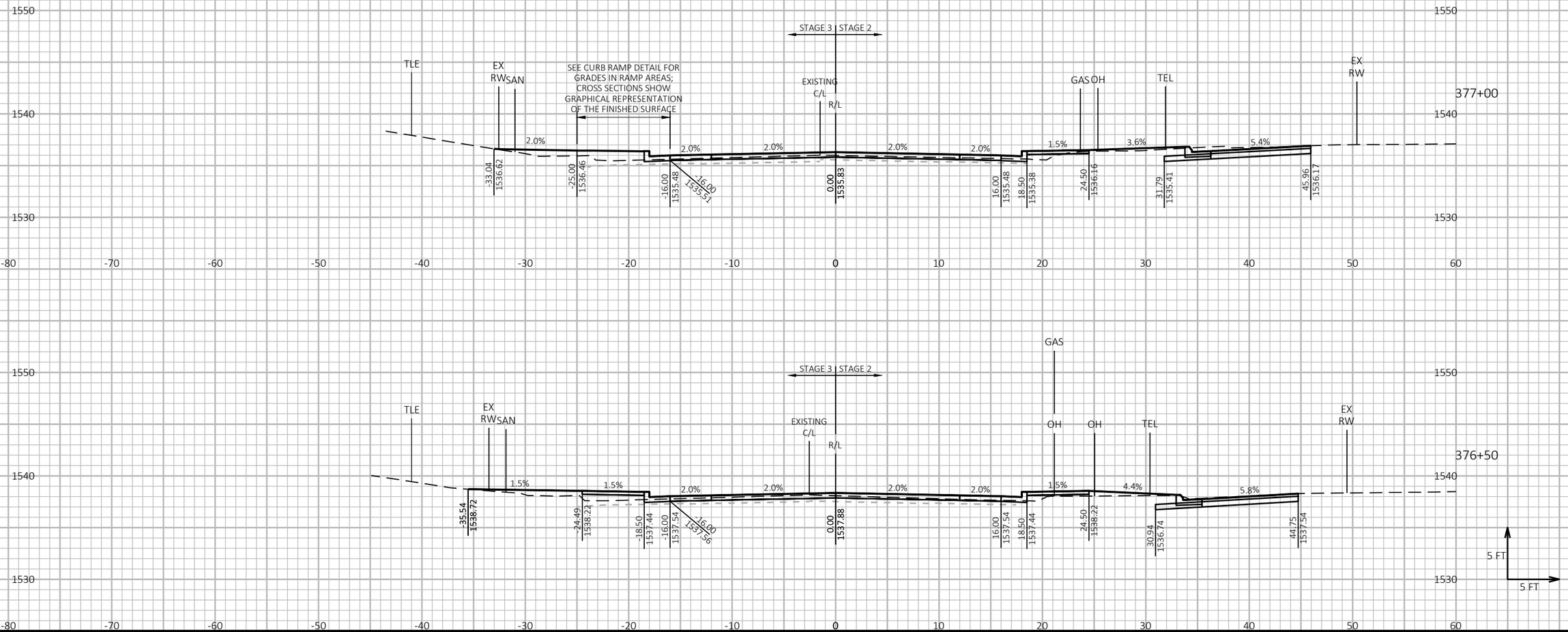
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 51

PLOT DATE : 7/20/2023 8:32 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

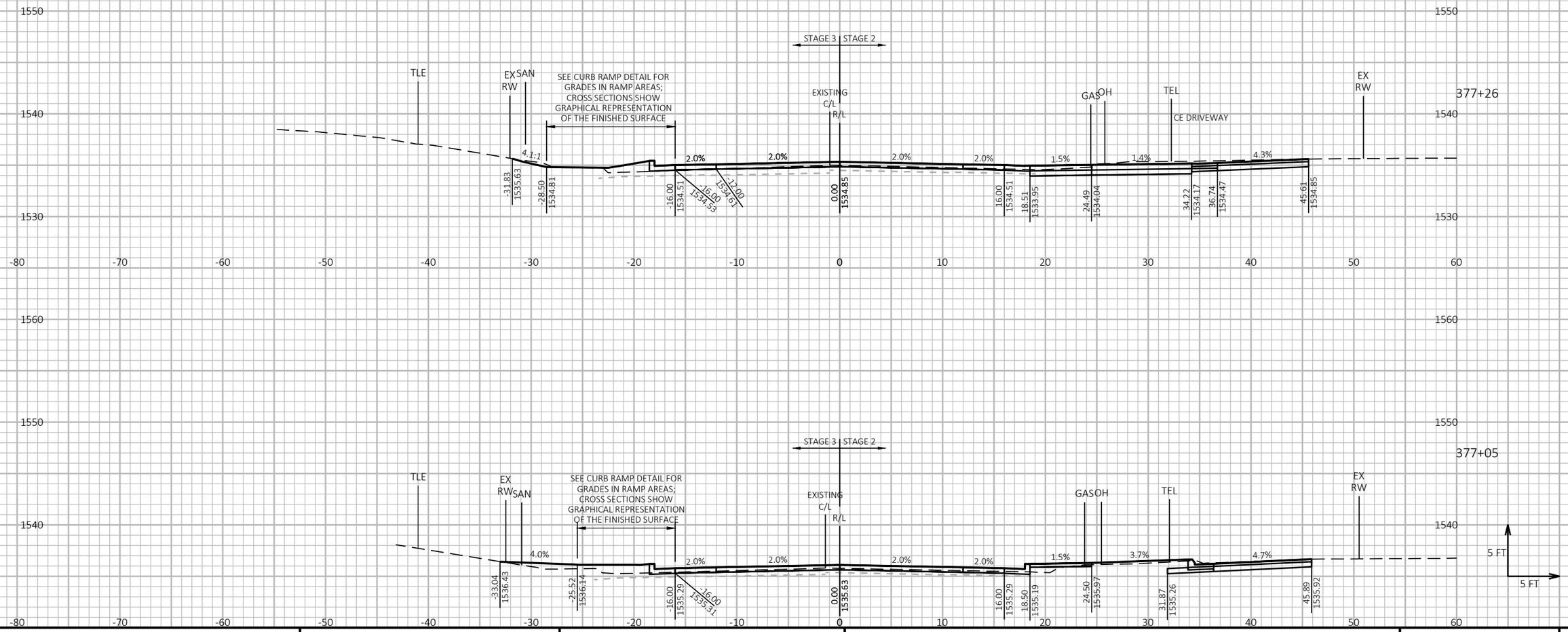
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 368	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 52
PLOT DATE : 7/20/2023 8:32 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



9

9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 369	E

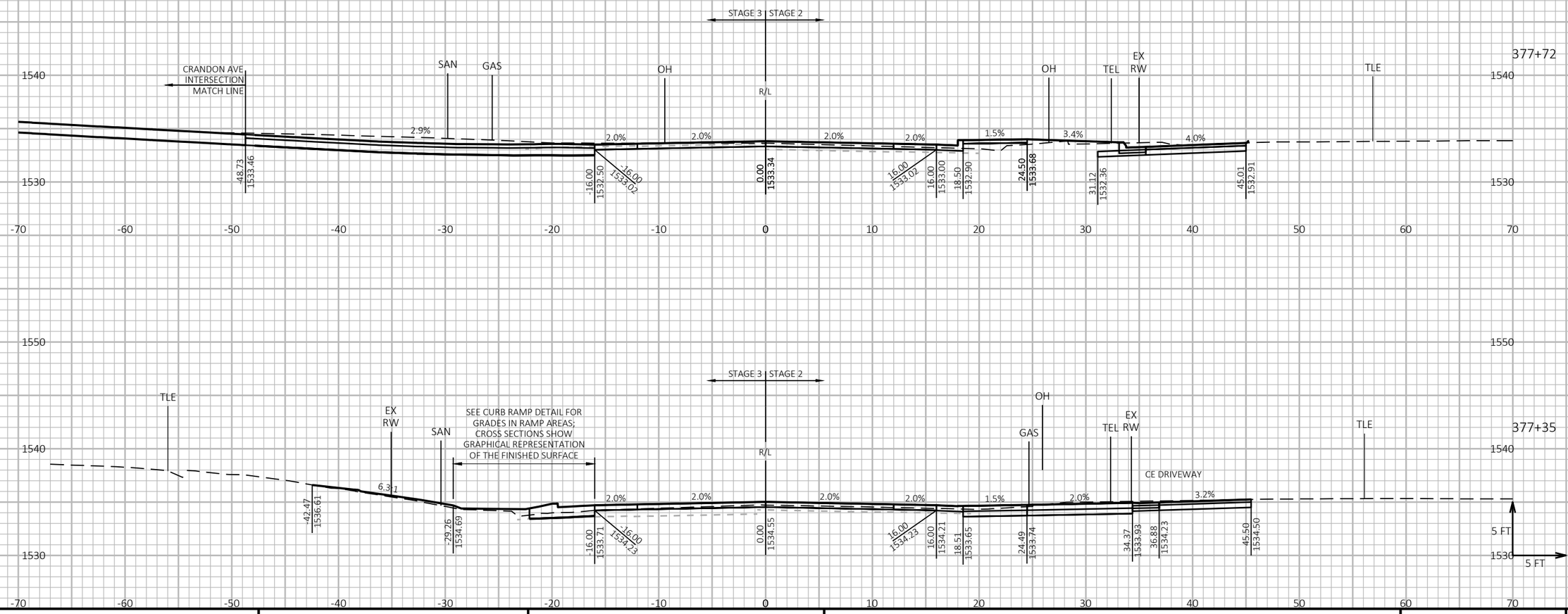
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - 53

PLOT DATE : 7/20/2023 8:32 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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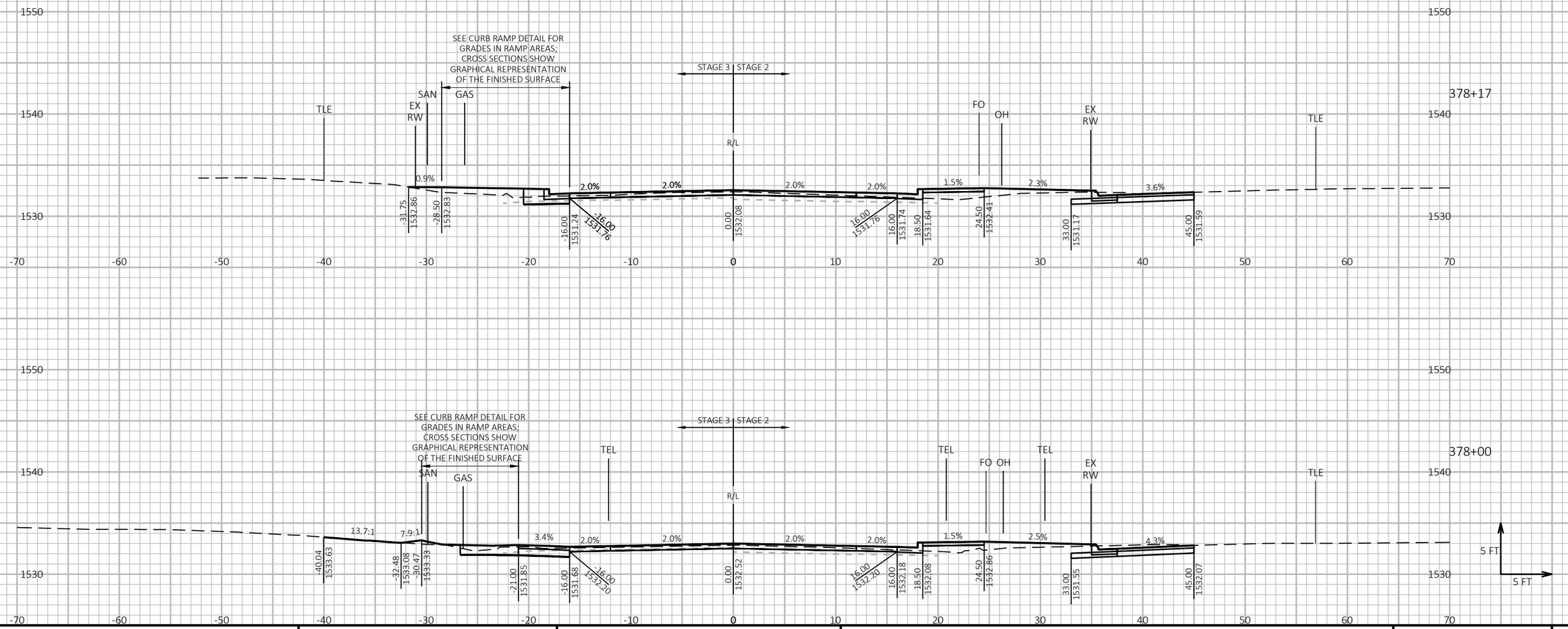
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 370	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 10/23/2023 7:06 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.

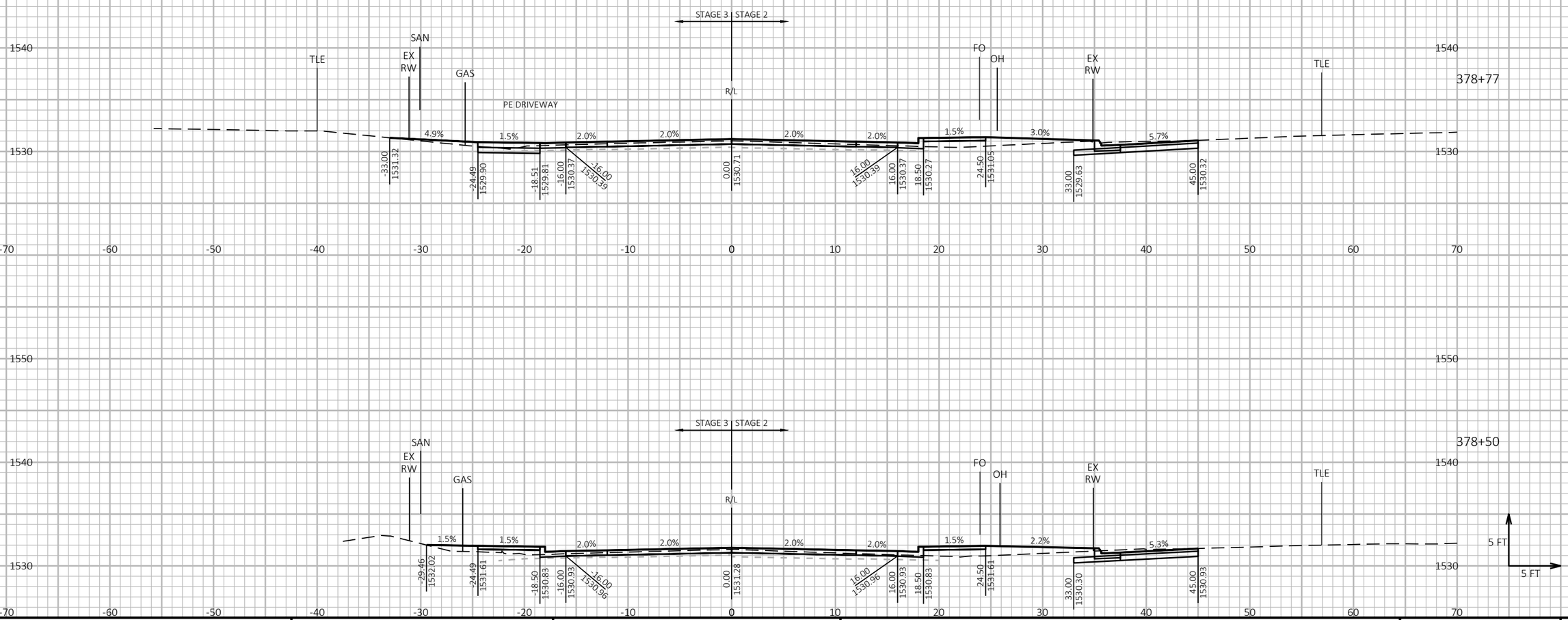


9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 371	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 02
PLOT DATE : 10/23/2023 7:06 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 372	E

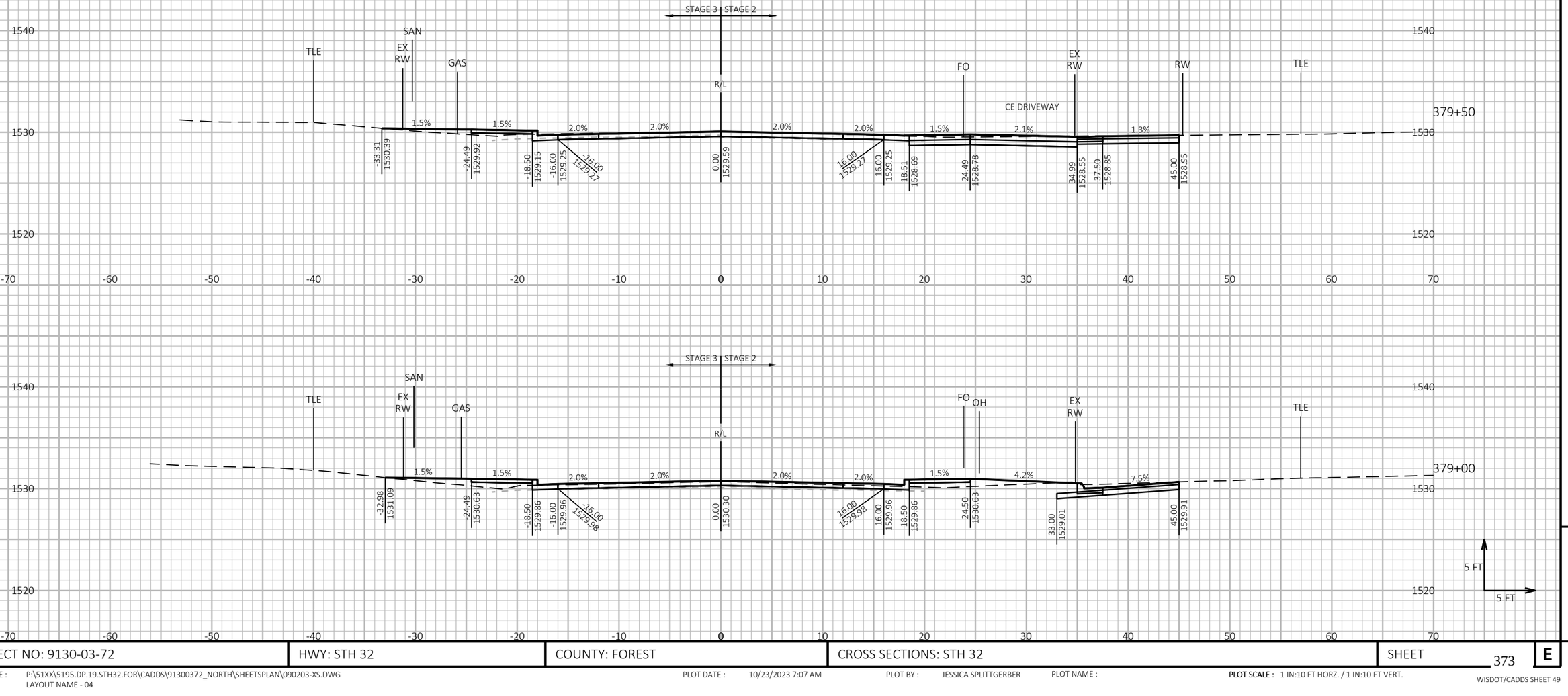
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 03

PLOT DATE : 10/23/2023 7:07 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



9 9

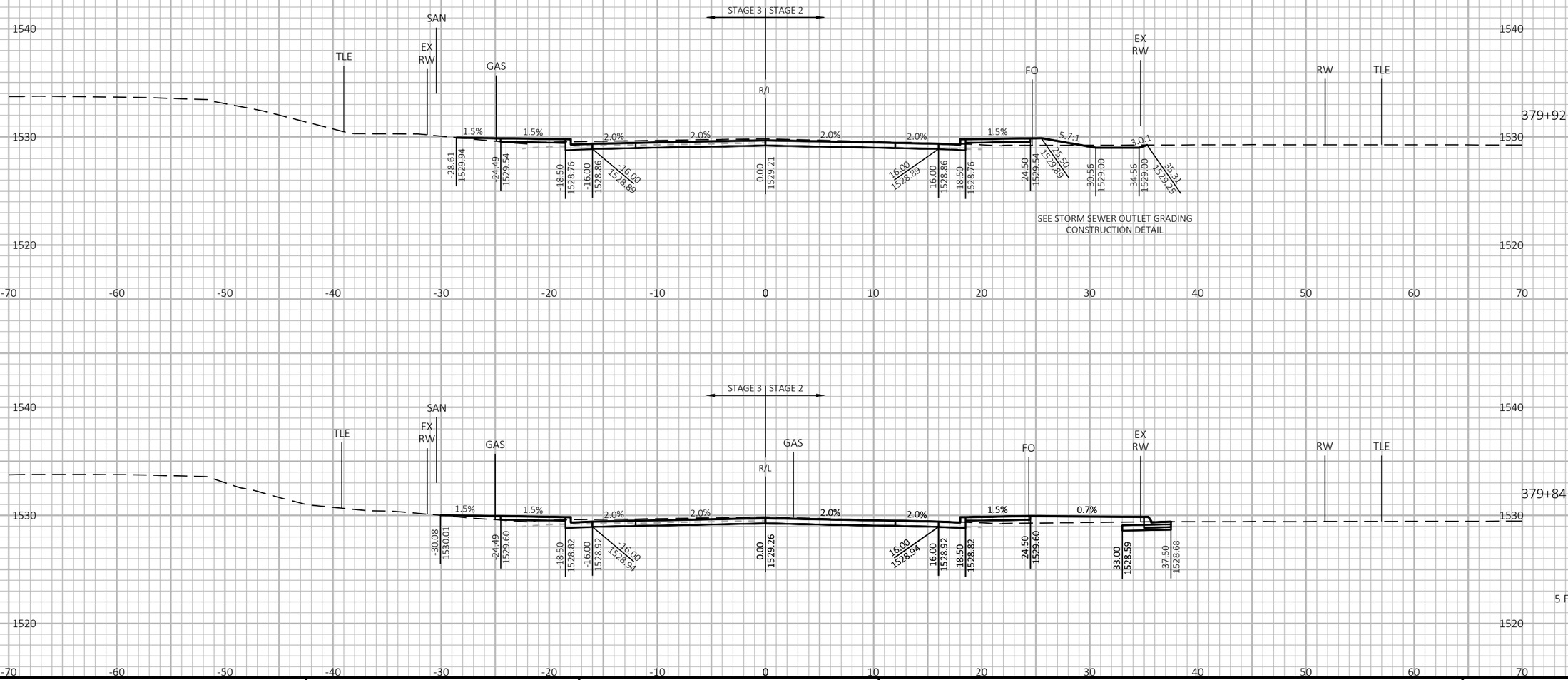
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 373	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 10/23/2023 7:07 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

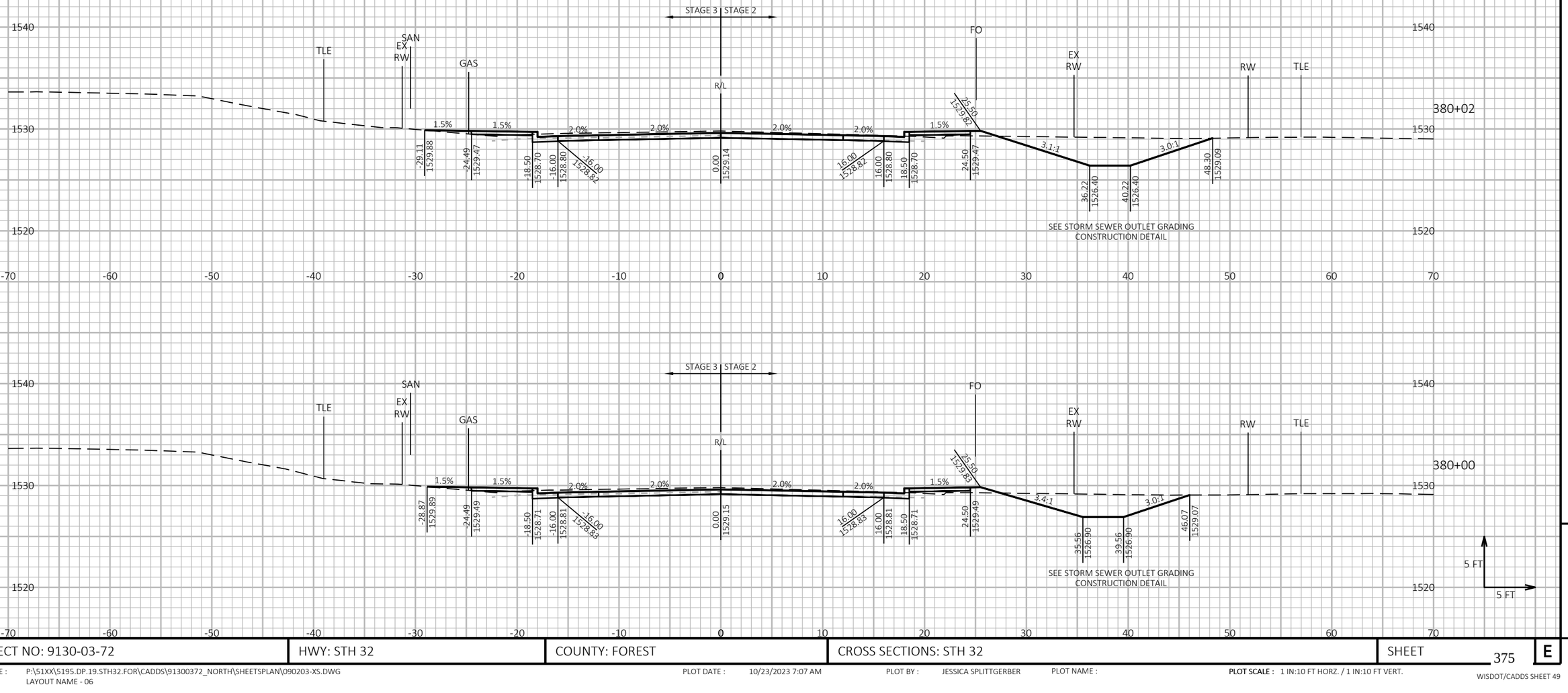
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 374	E

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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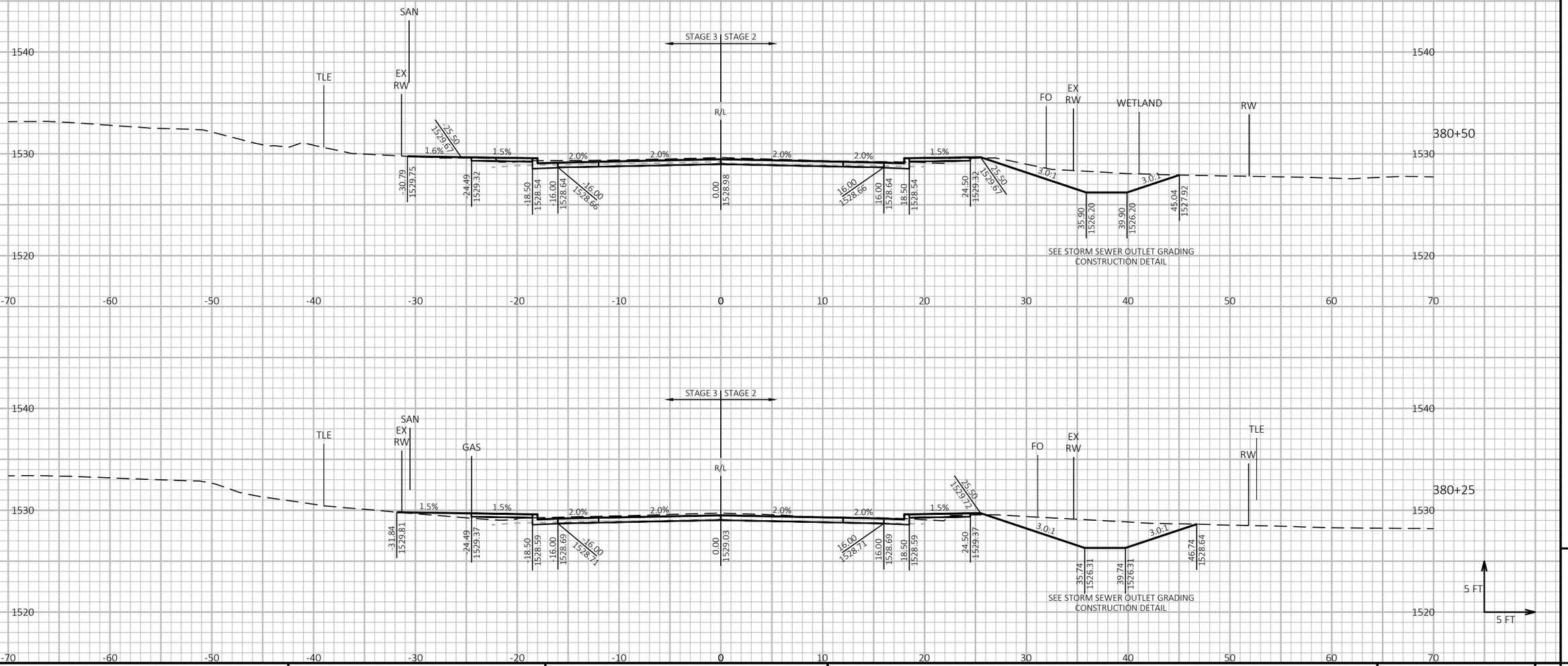
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 375	E

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 376	E

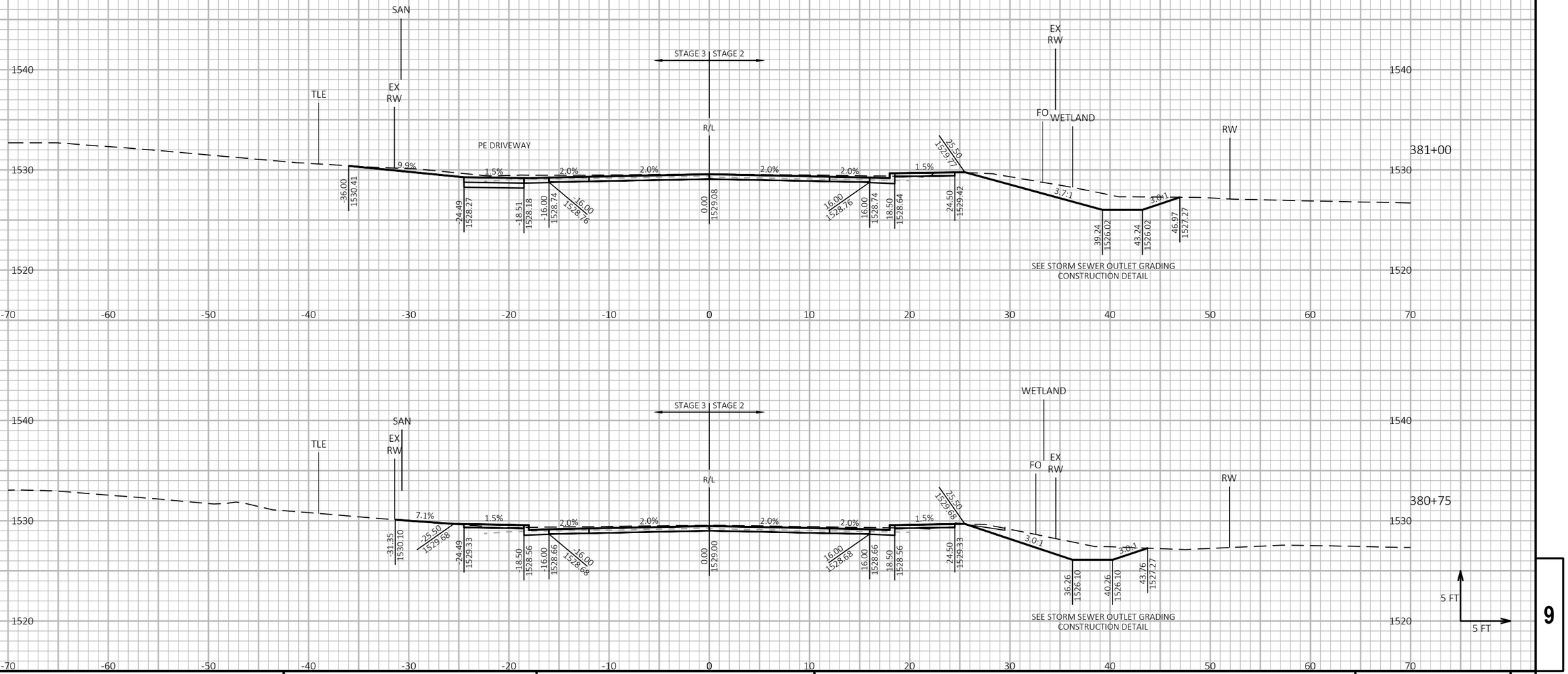
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 07

PLOT DATE : 10/23/2023 7:07 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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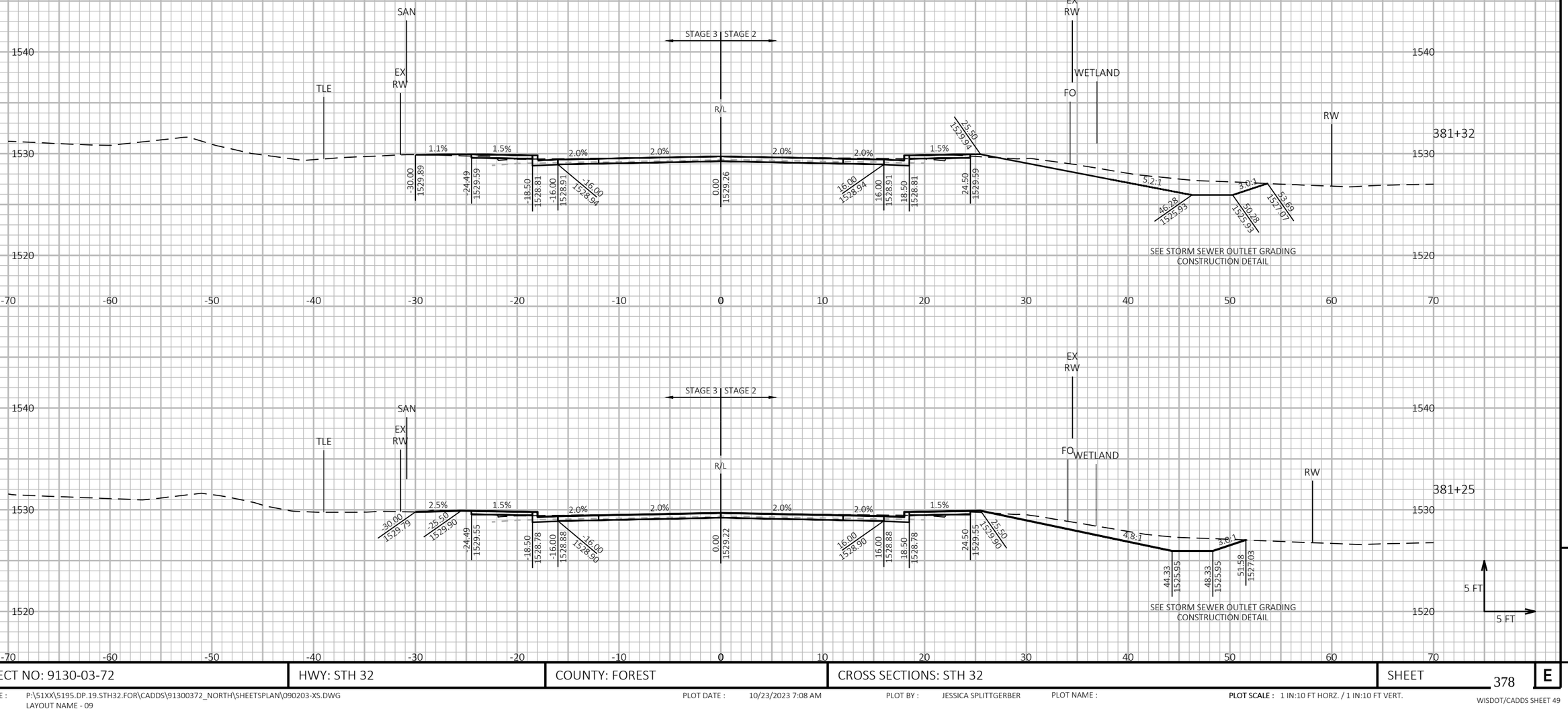
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 377	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 08

PLOT DATE : 10/23/2023 7:07 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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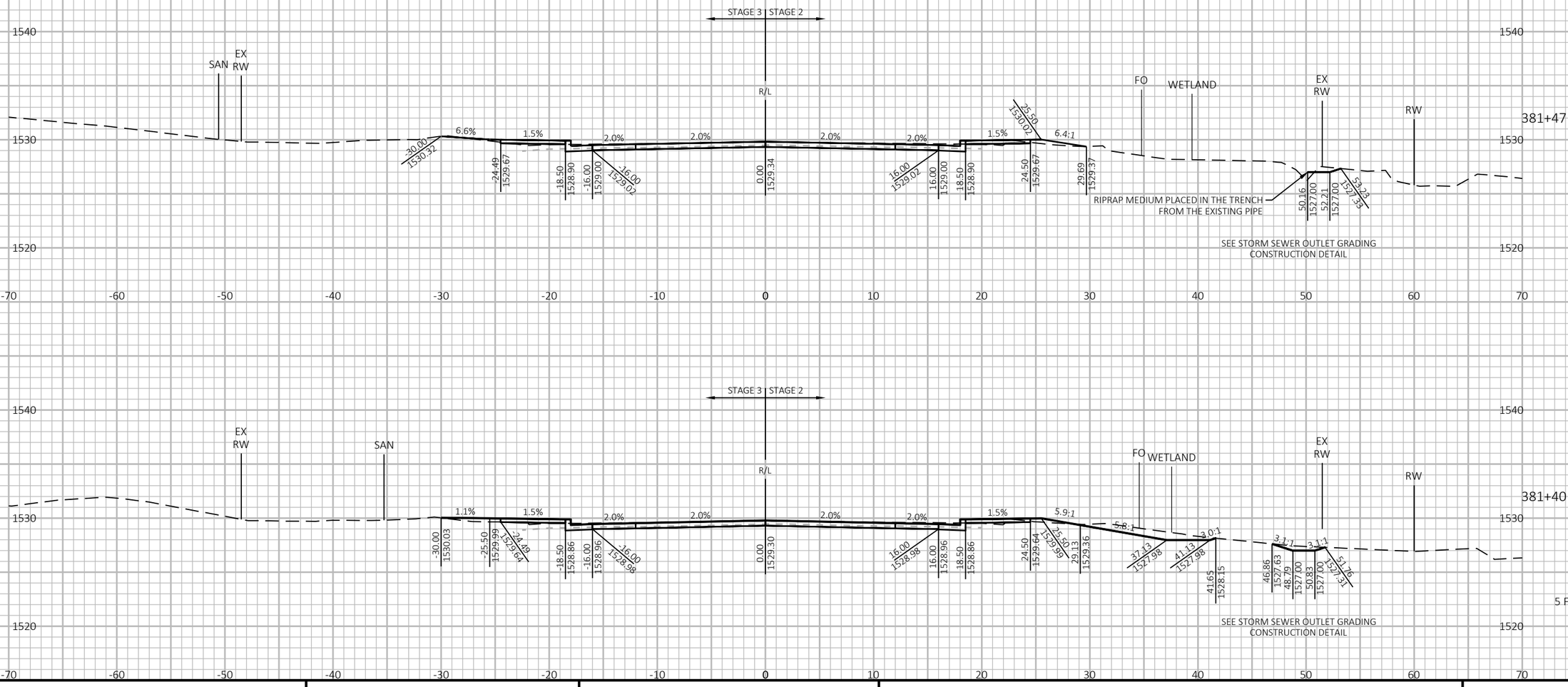
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 378	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 09

PLOT DATE : 10/23/2023 7:08 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



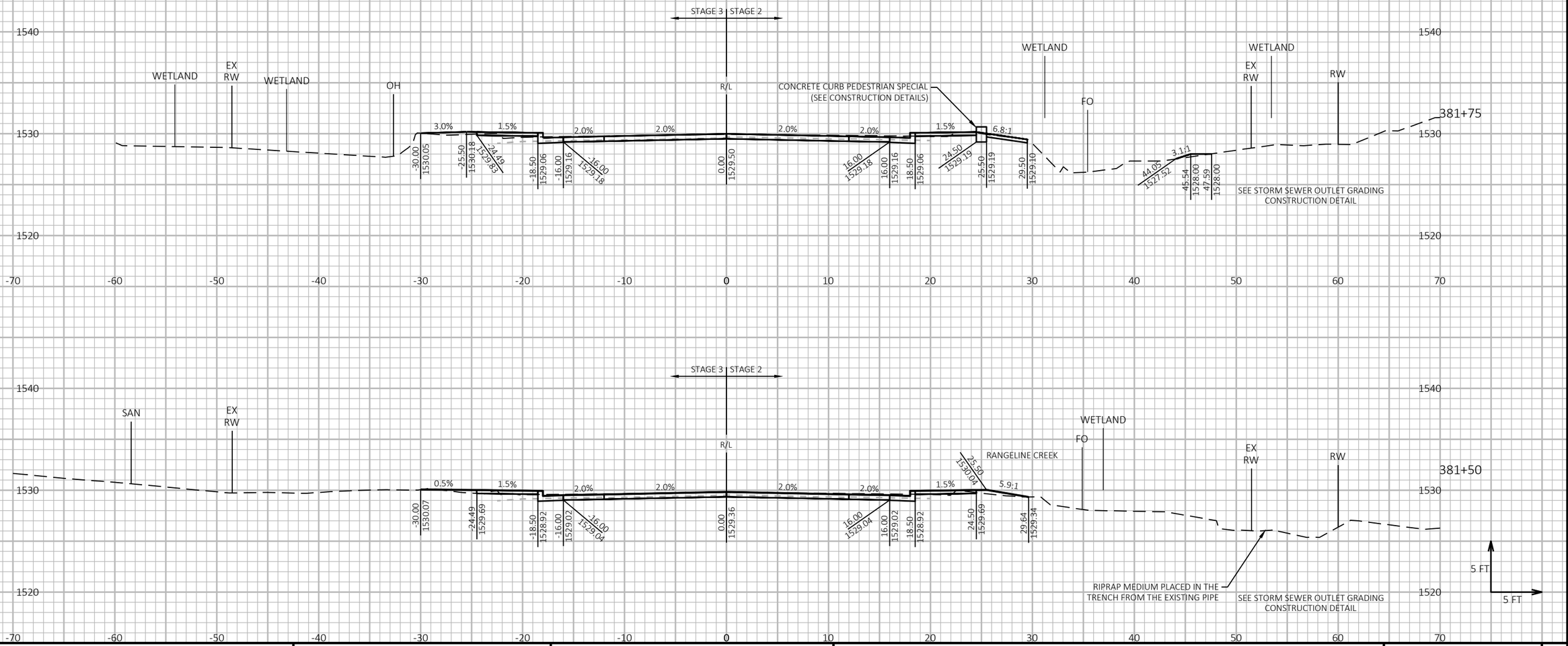
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 379	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 10

PLOT DATE : 10/23/2023 7:08 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

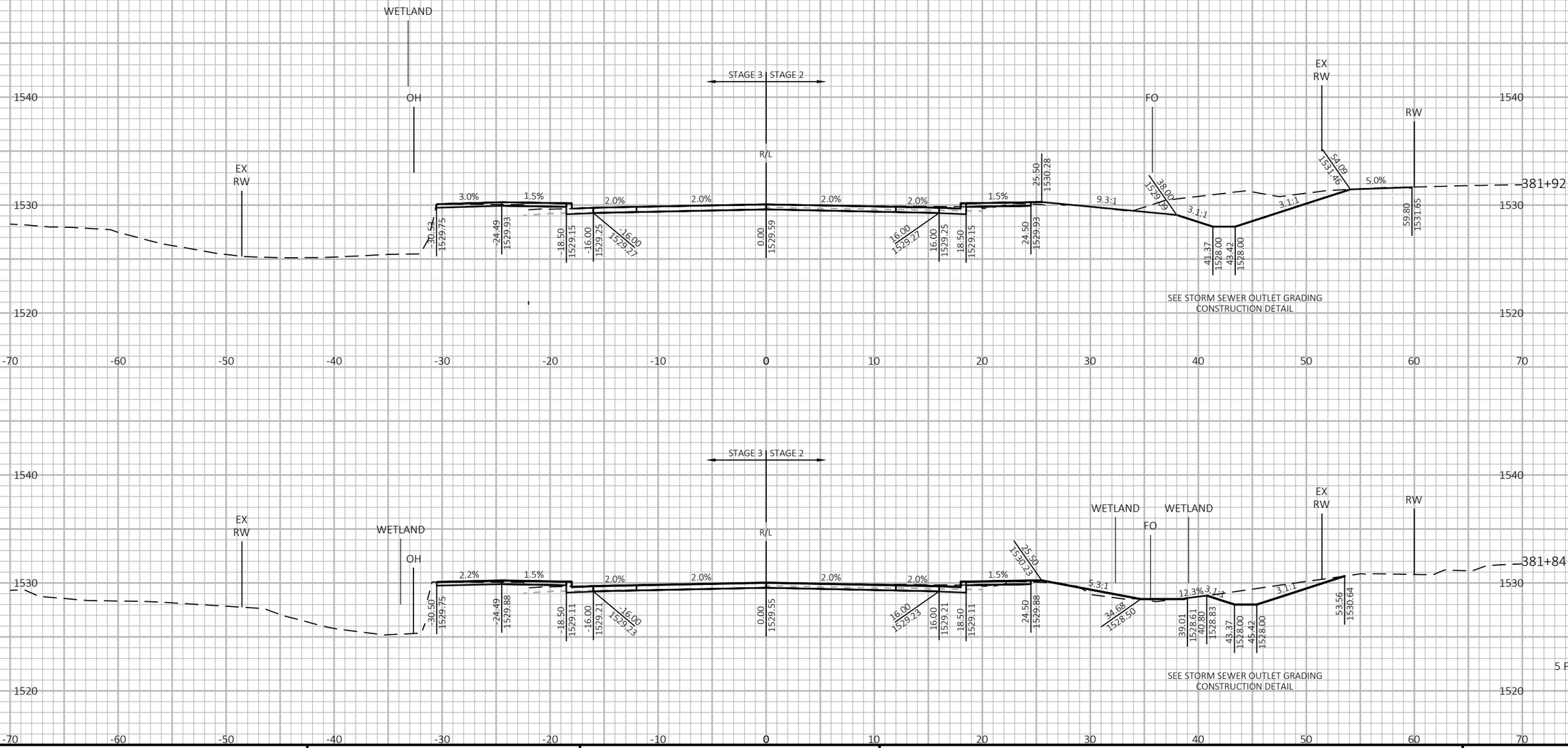
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 380	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 11
PLOT DATE : 10/23/2023 7:08 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



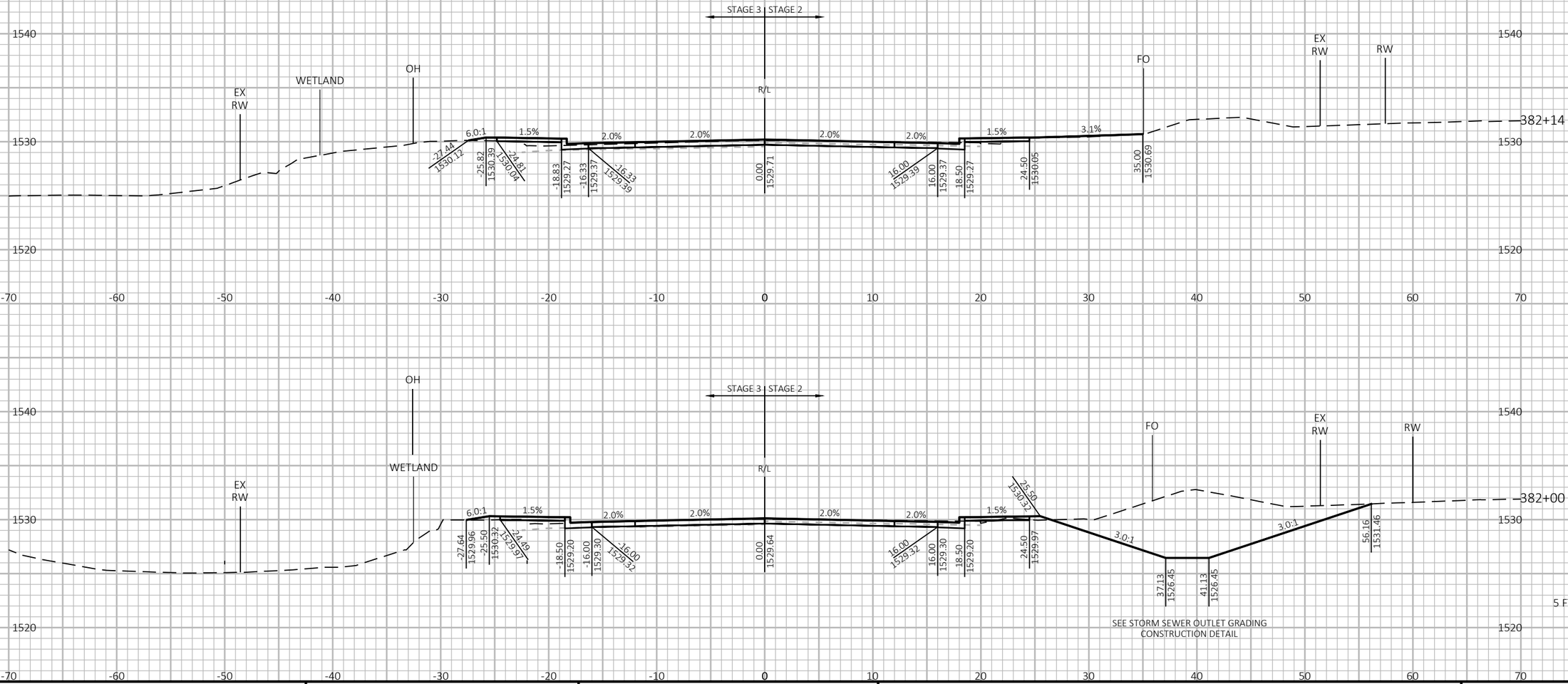
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 381	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 12

PLOT DATE : 10/23/2023 7:08 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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9

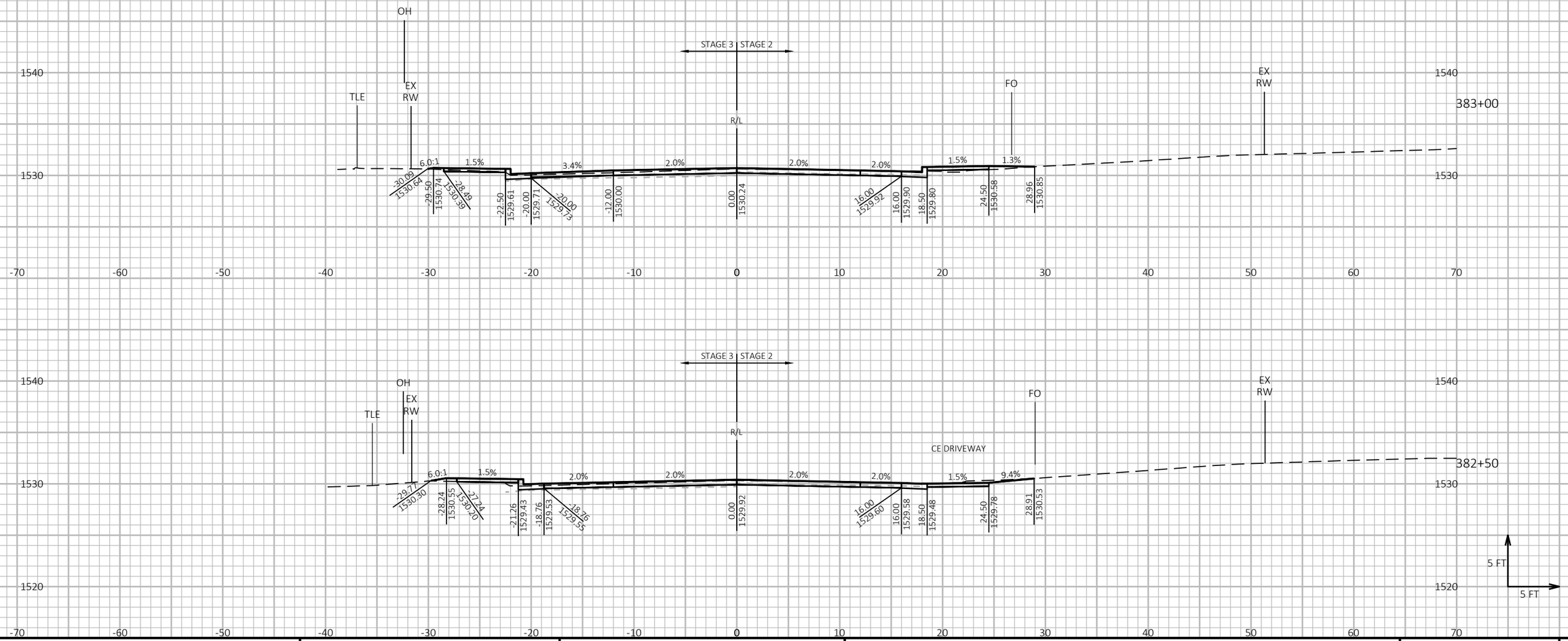
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 382	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 13

PLOT DATE : 10/23/2023 7:08 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 383	E

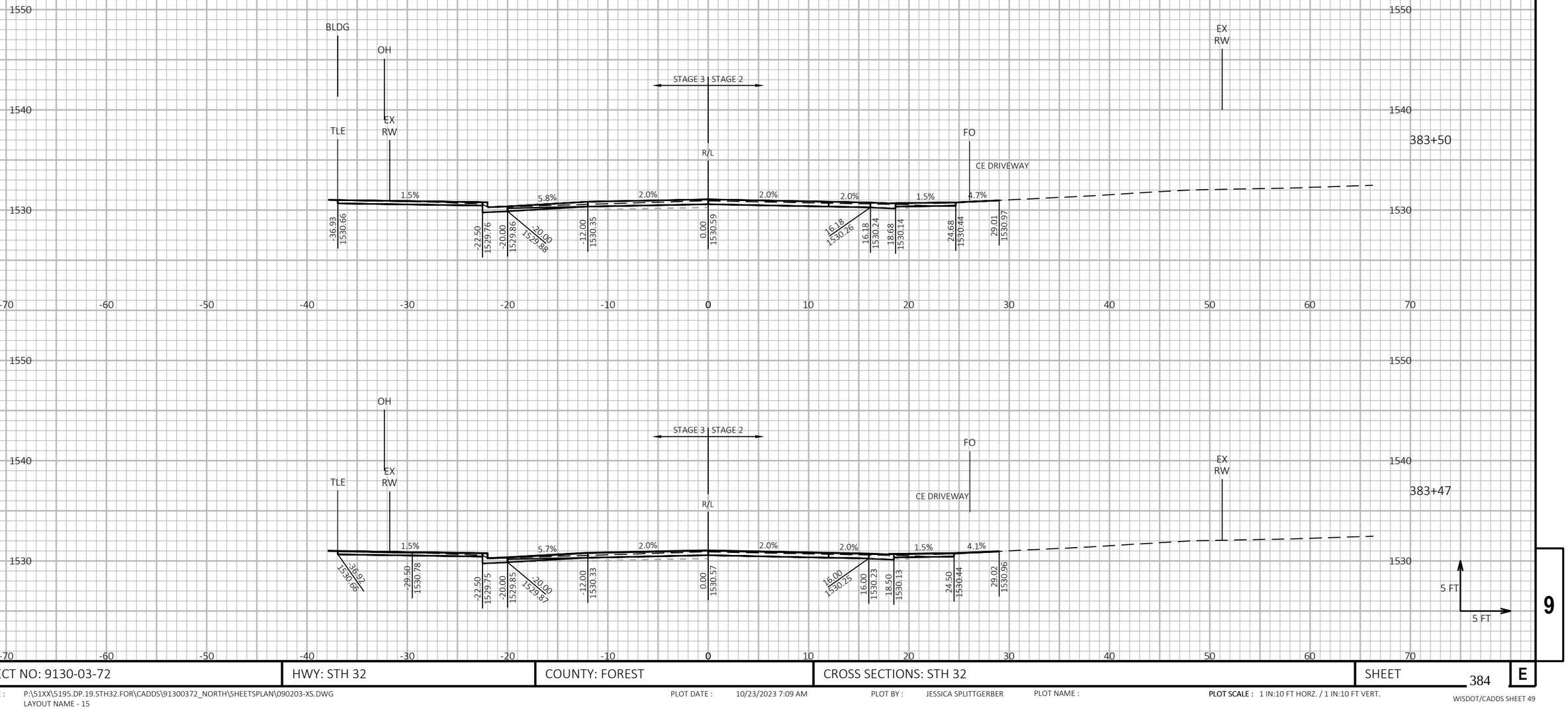
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 14

PLOT DATE : 10/23/2023 7:08 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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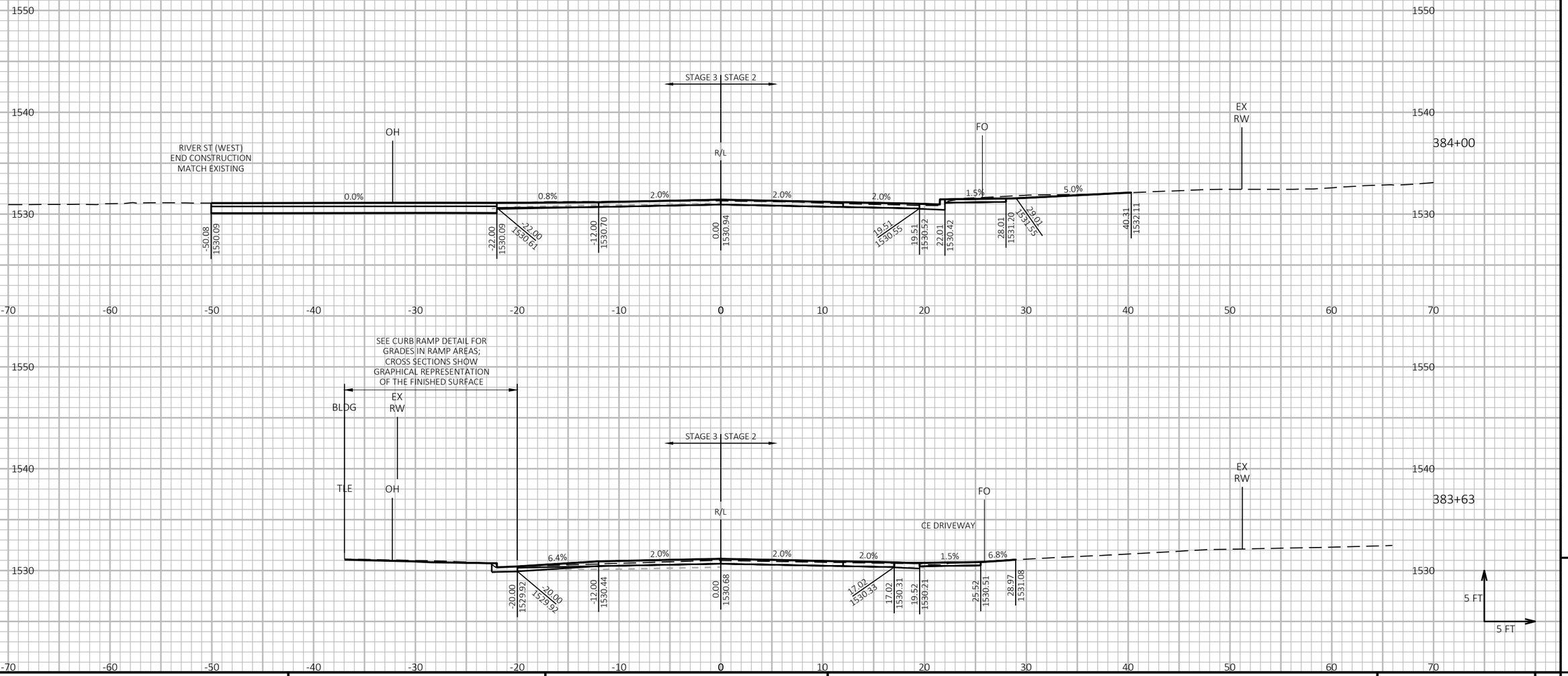
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 384	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 15
PLOT DATE : 10/23/2023 7:09 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 385	E

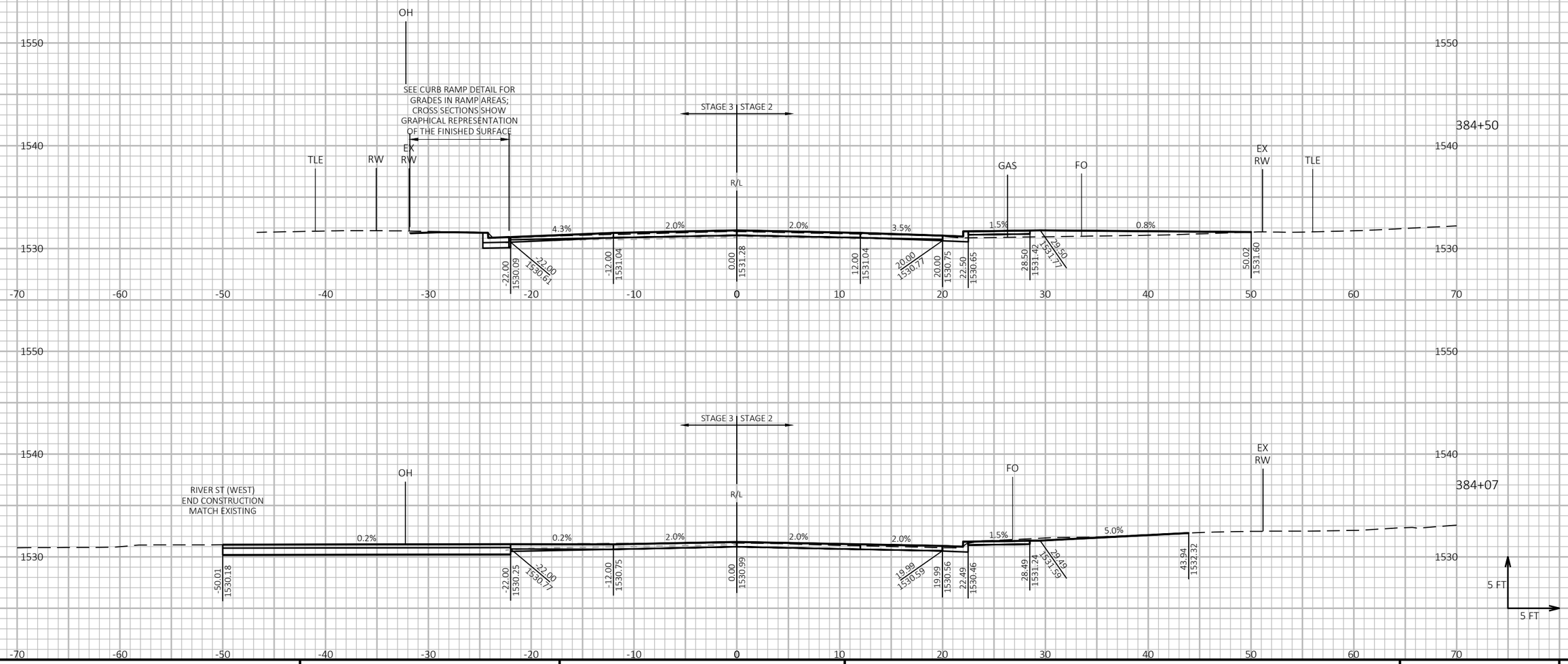
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 16

PLOT DATE : 10/23/2023 7:09 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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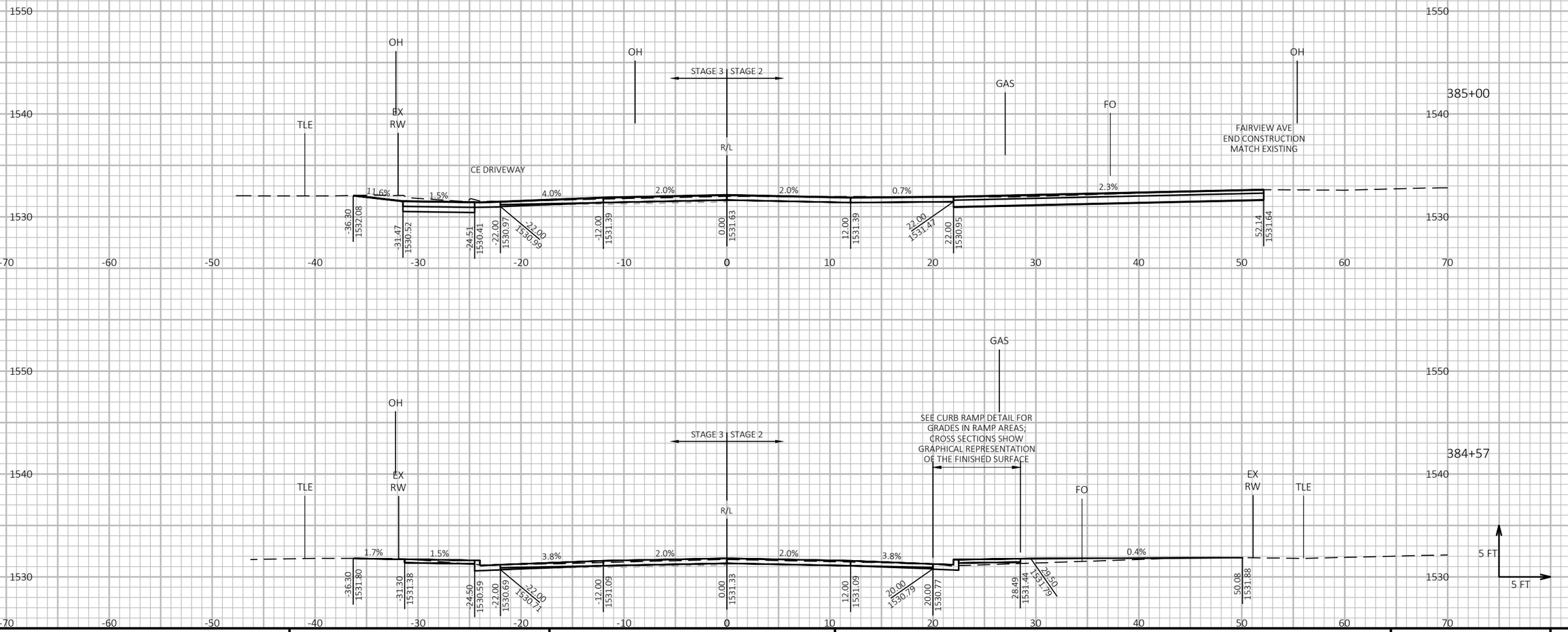
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 386	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 17
PLOT DATE : 10/23/2023 7:09 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



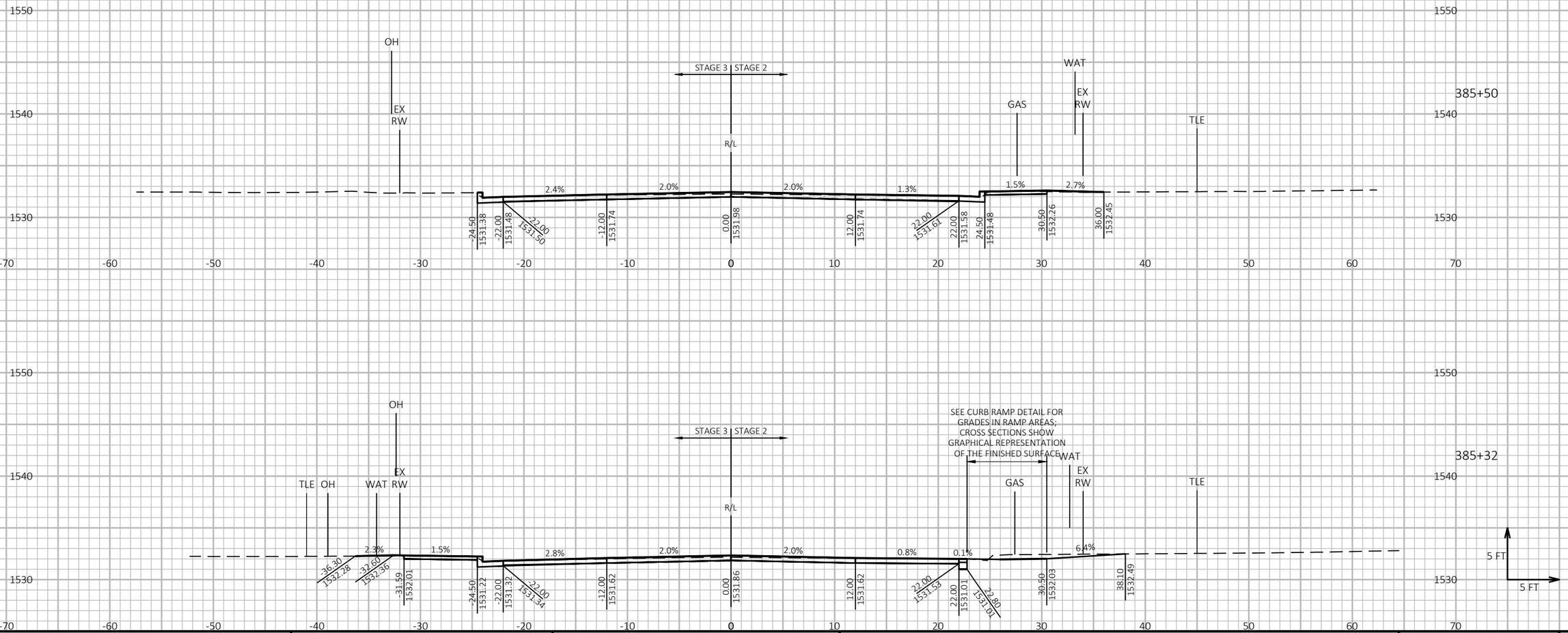
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 387	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 18

PLOT DATE : 10/23/2023 7:09 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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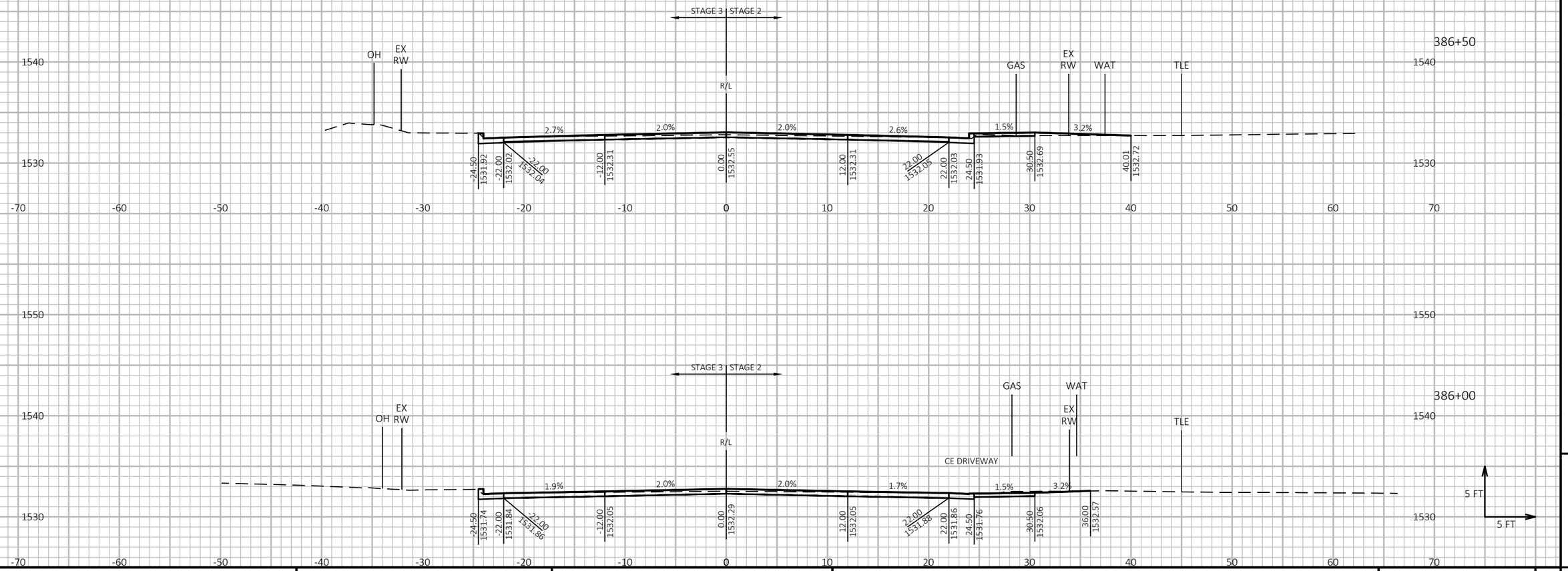
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 388	E

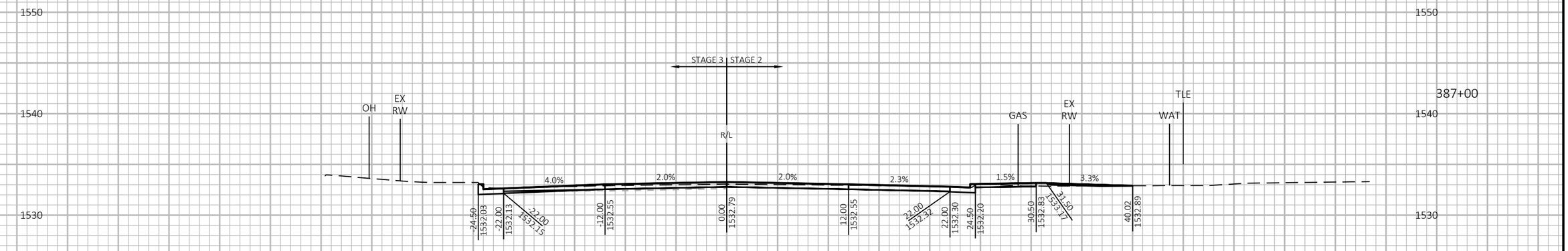
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.

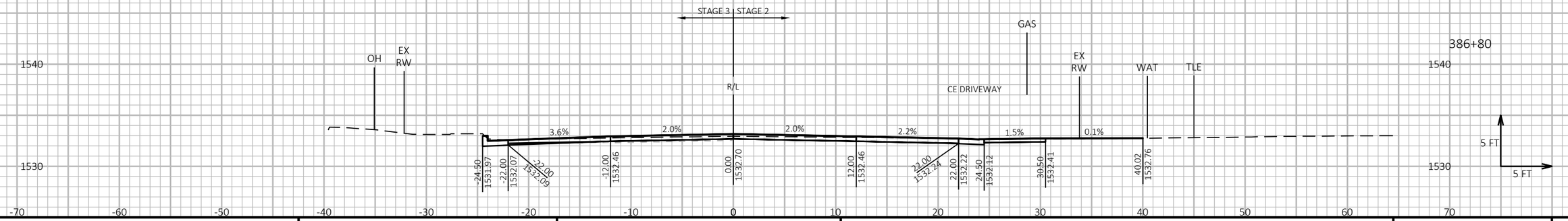


PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 389	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 20
PLOT DATE : 10/23/2023 7:09 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.





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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 390	E

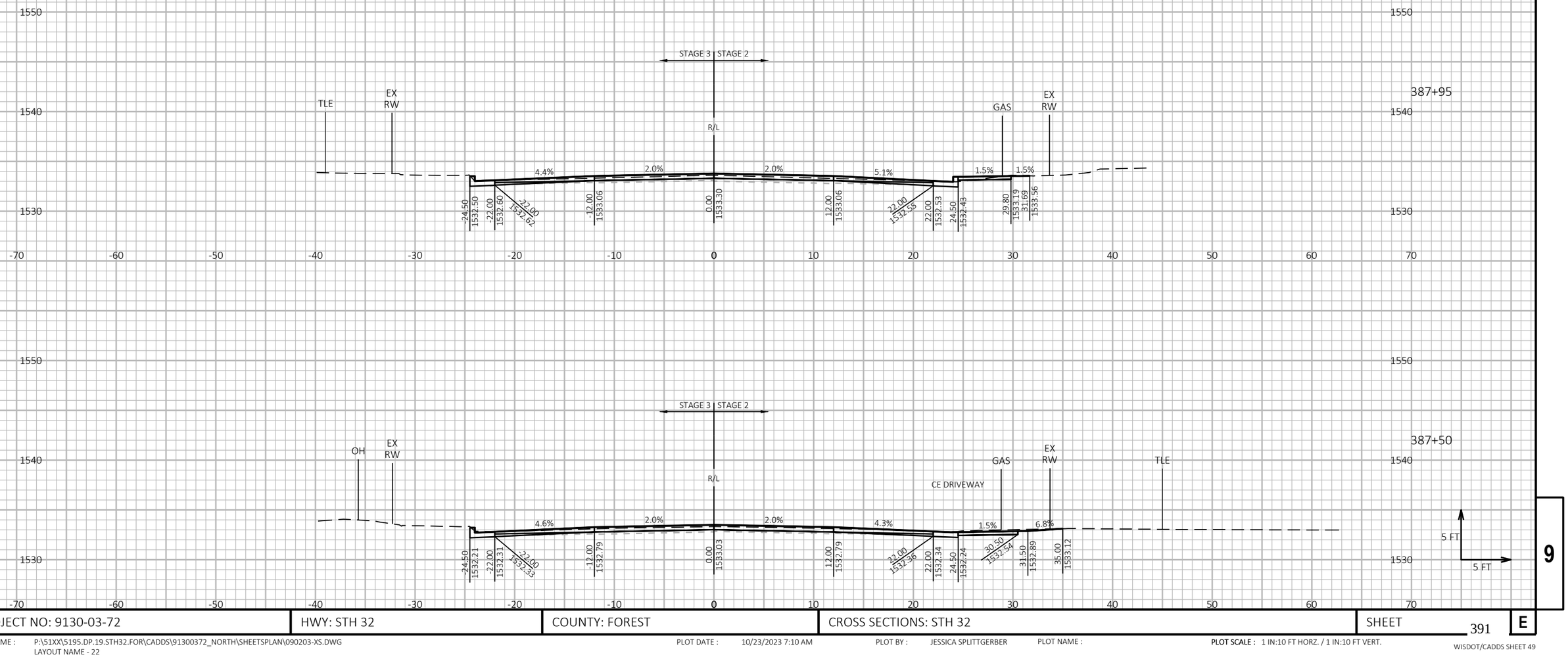
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 21

PLOT DATE : 10/23/2023 7:10 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



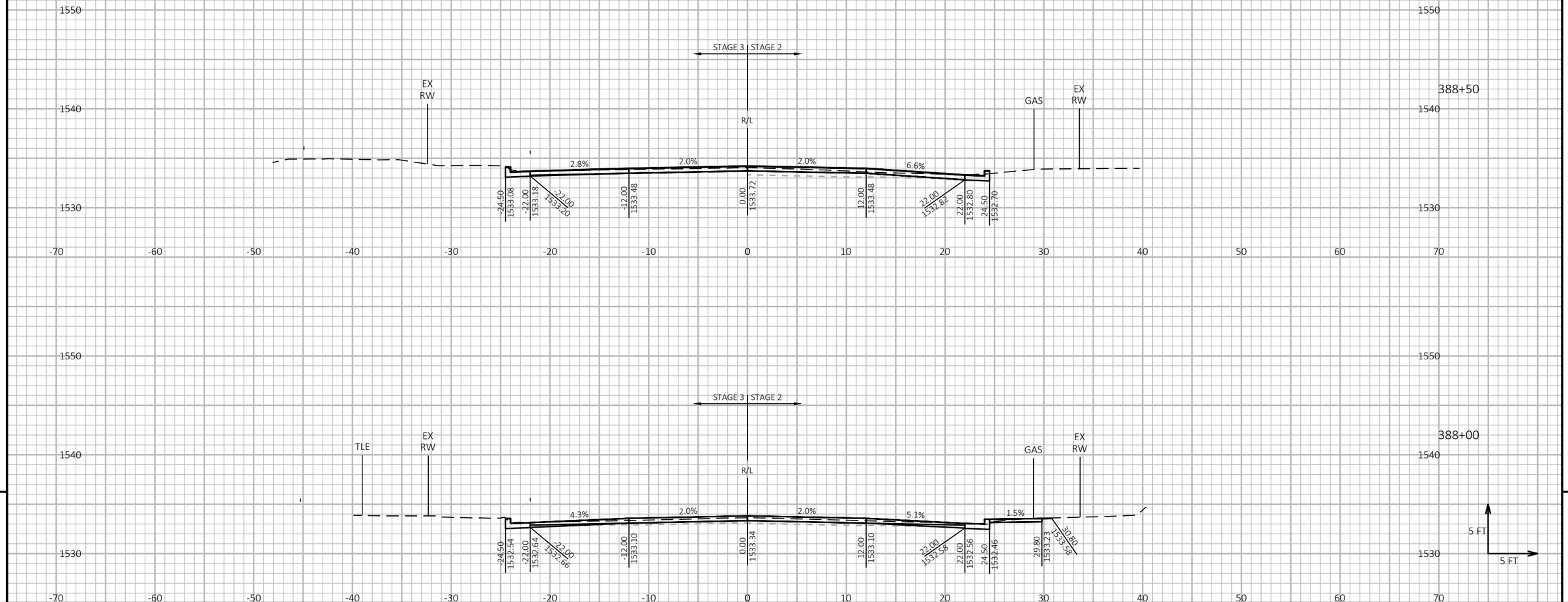
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 391	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 22

PLOT DATE : 10/23/2023 7:10 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 392	E

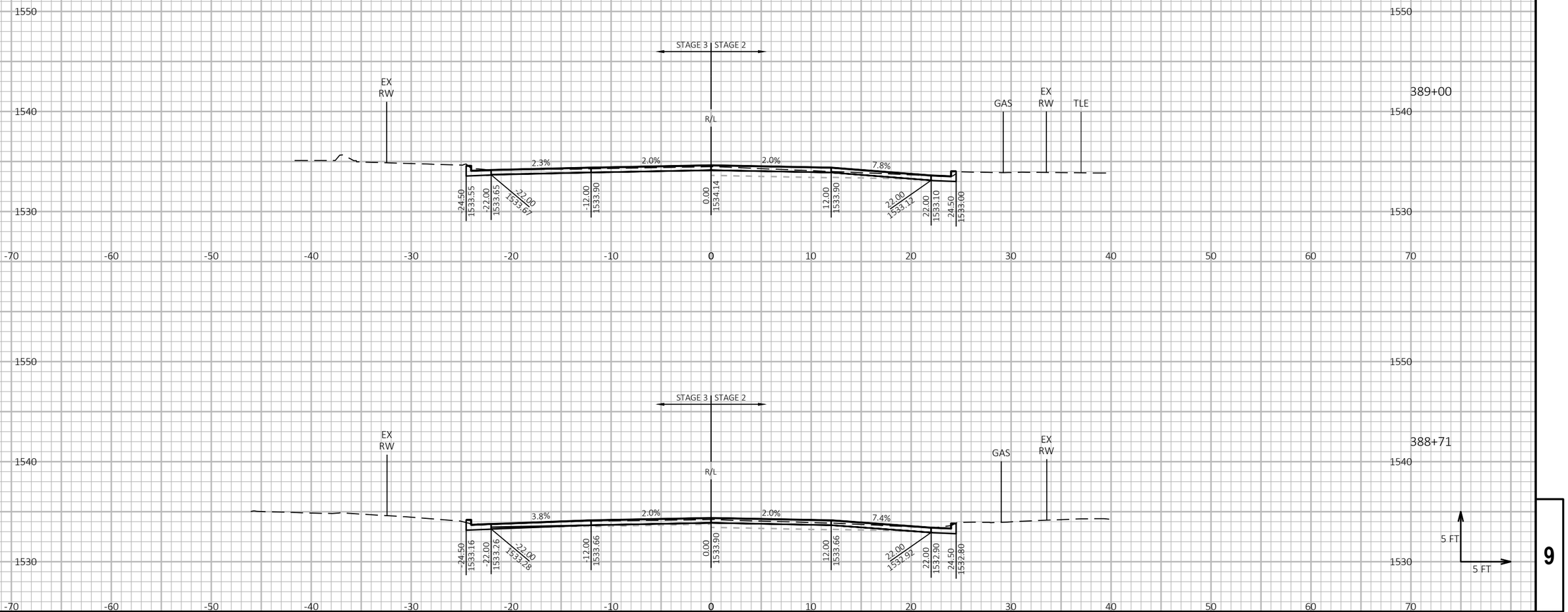
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 23

PLOT DATE : 10/23/2023 7:10 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

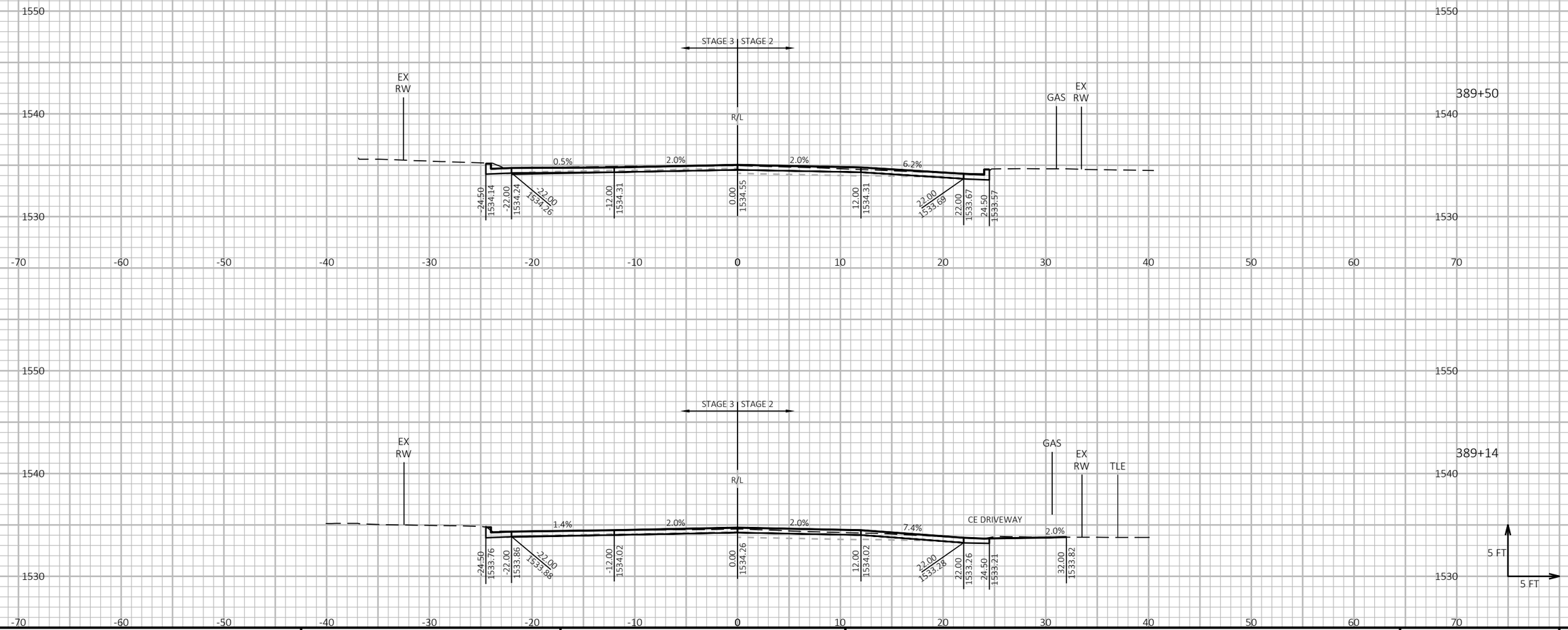
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 393	E

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 394	E

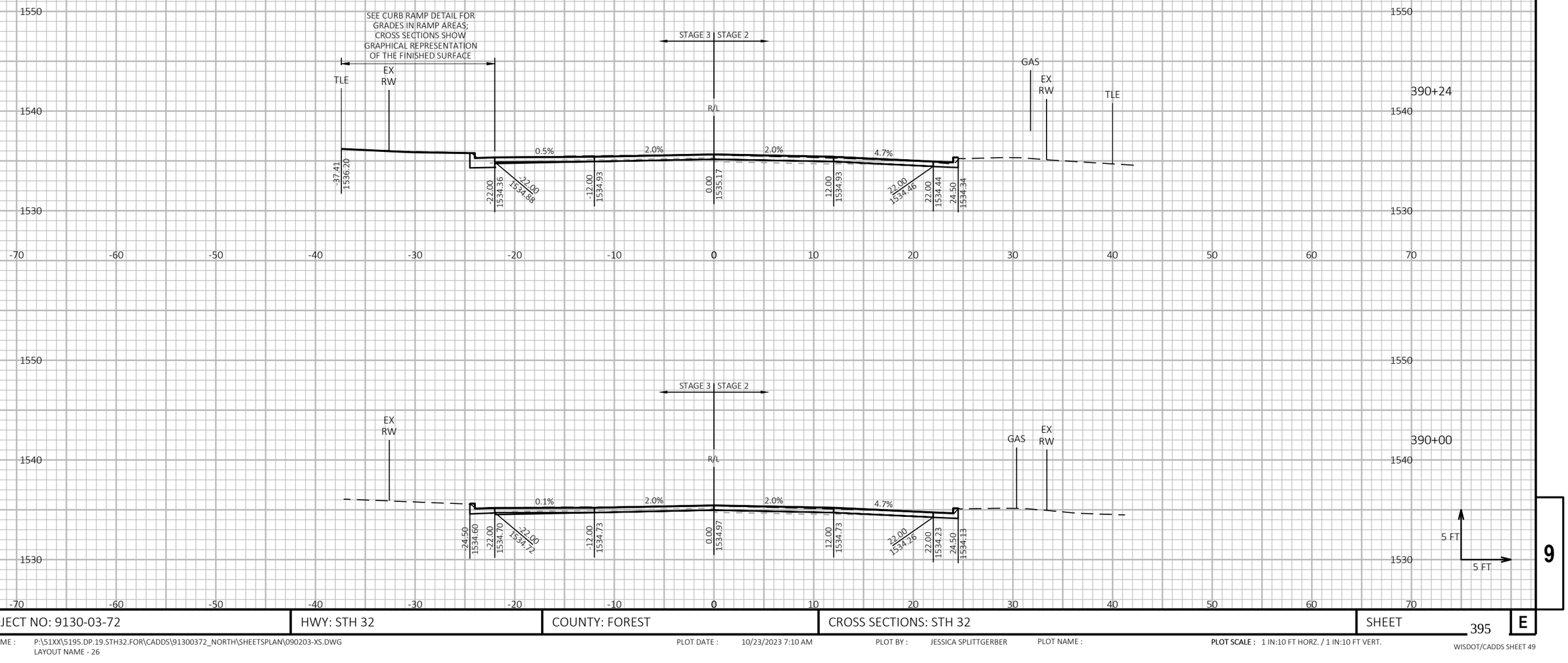
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 25

PLOT DATE : 10/23/2023 7:10 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 395	E

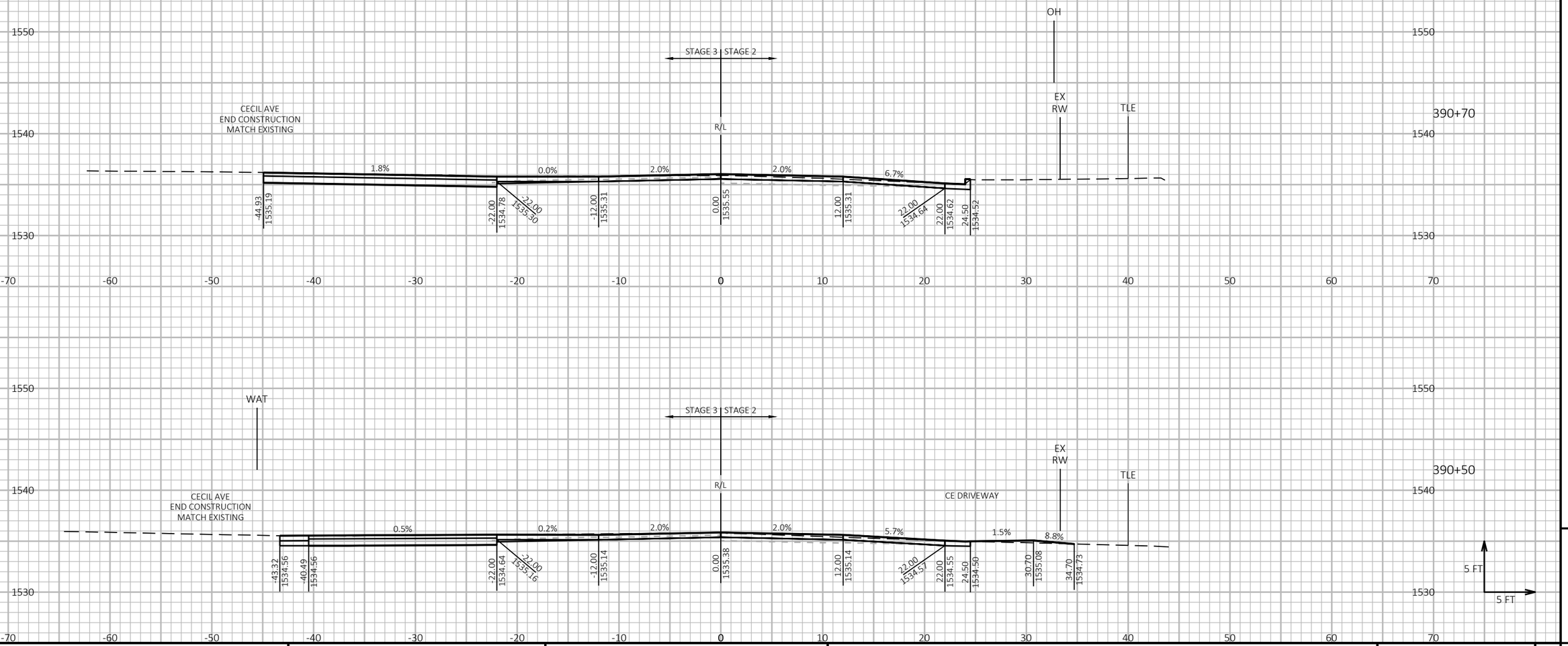
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 26

PLOT DATE : 10/23/2023 7:10 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 396	E

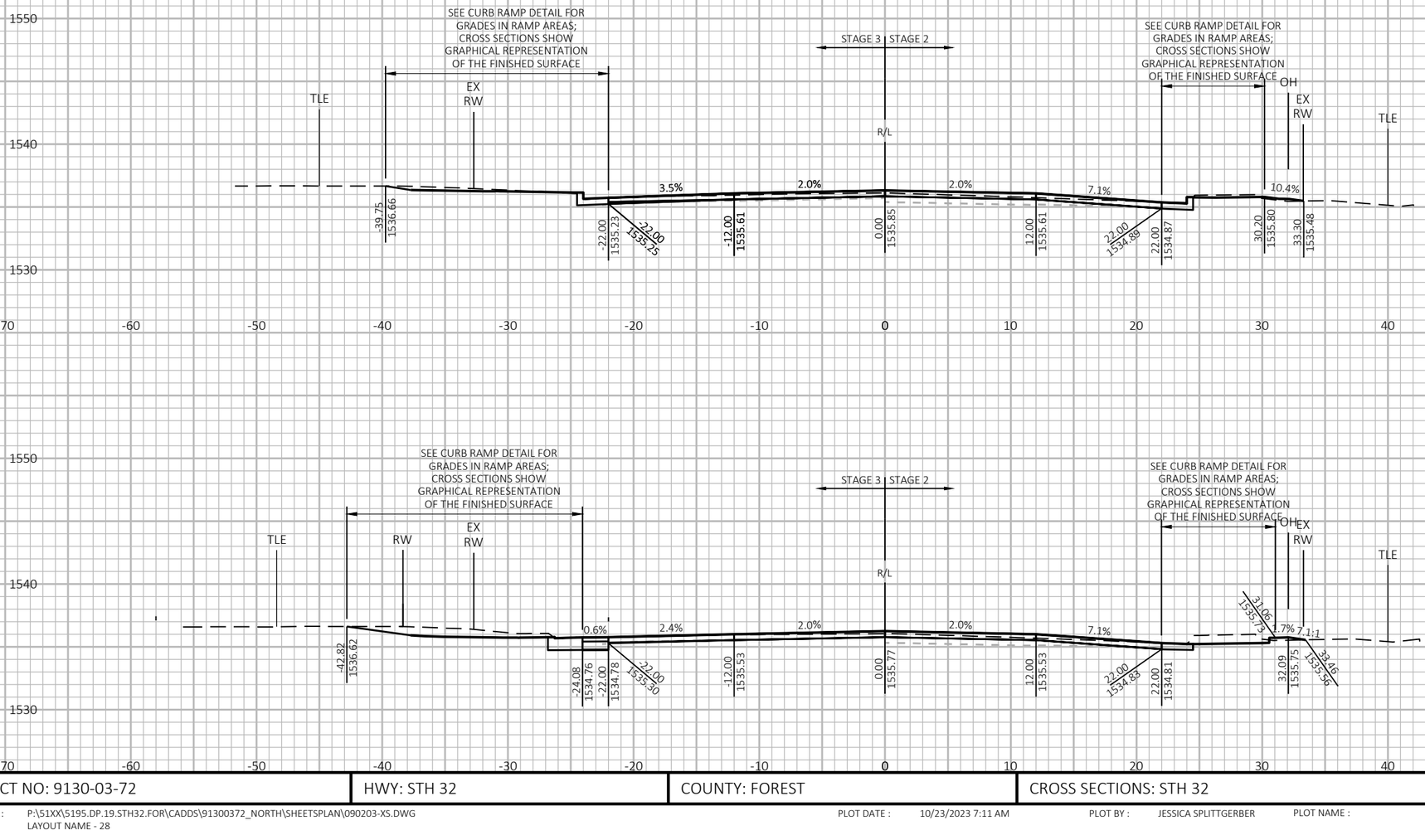
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 27

PLOT DATE : 10/23/2023 7:11 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

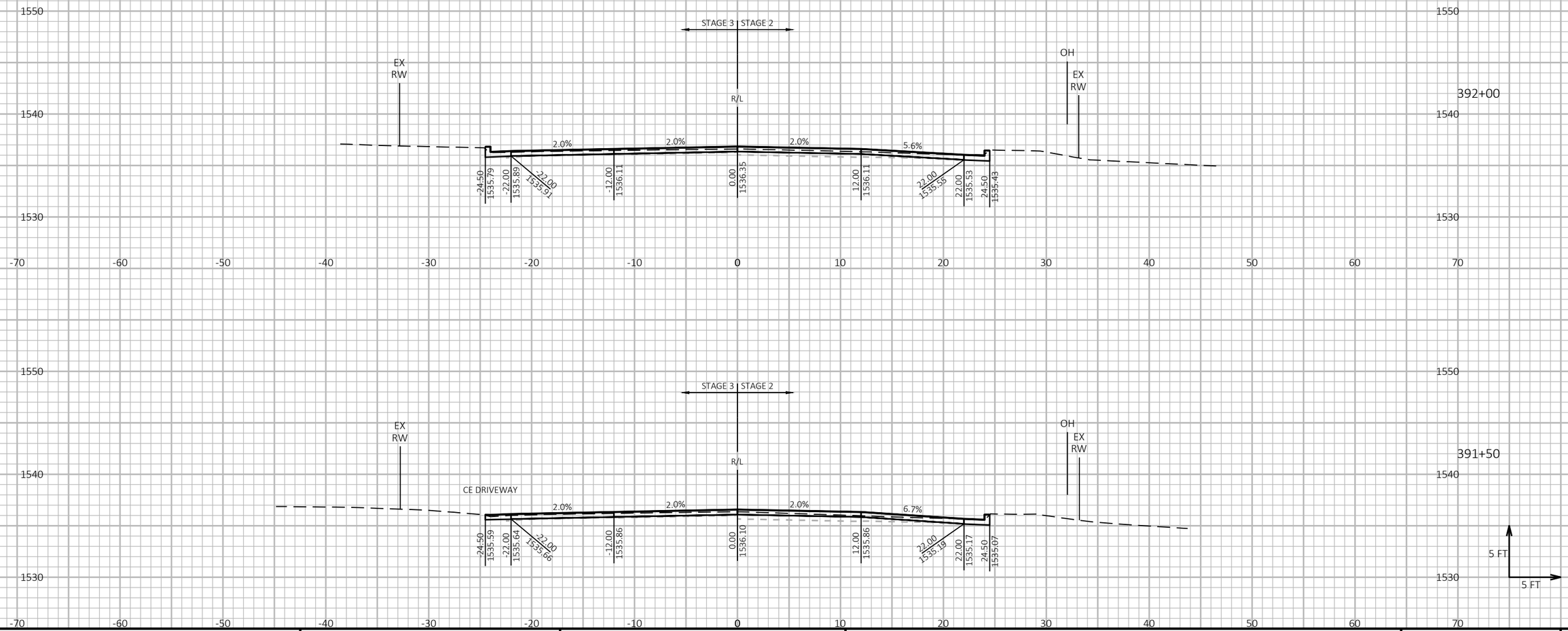
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 397	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 28
PLOT DATE : 10/23/2023 7:11 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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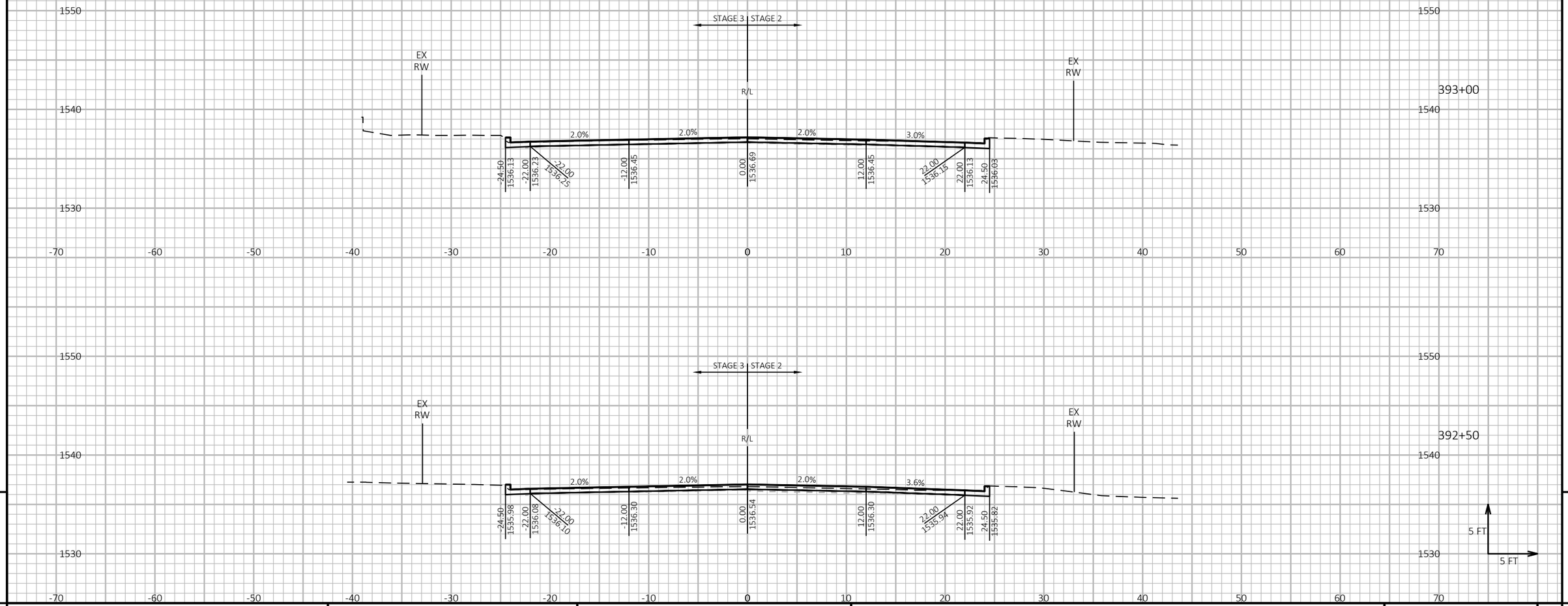
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 398	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 29

PLOT DATE : 10/23/2023 7:11 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



9

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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 399	E

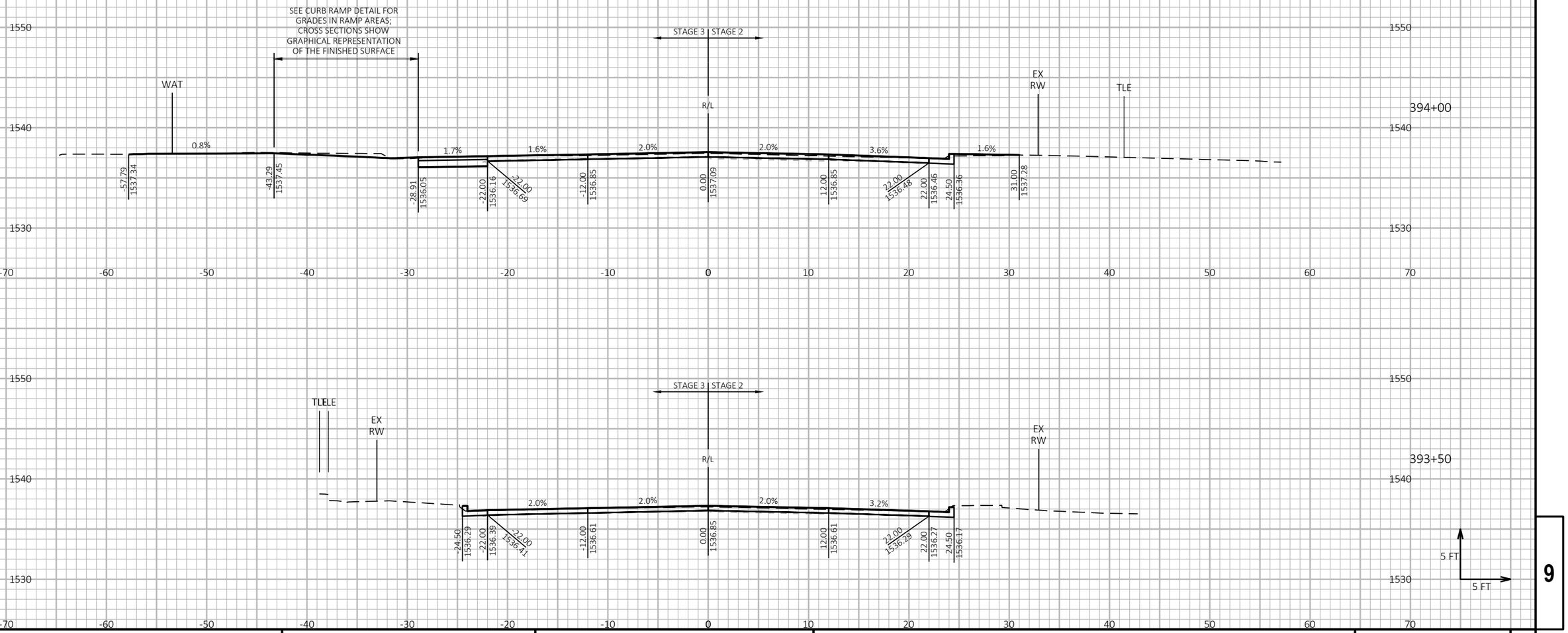
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 30

PLOT DATE : 10/23/2023 7:11 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 400	E

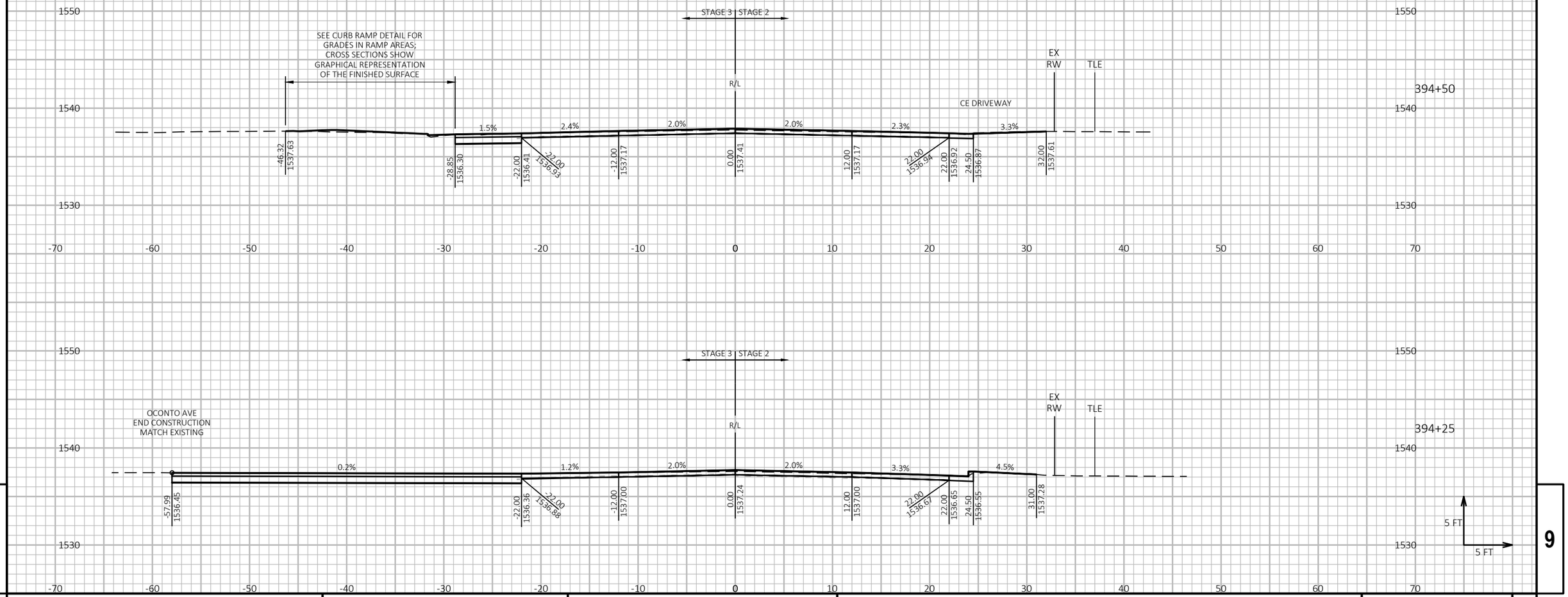
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 31

PLOT DATE : 10/23/2023 7:11 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 401	E

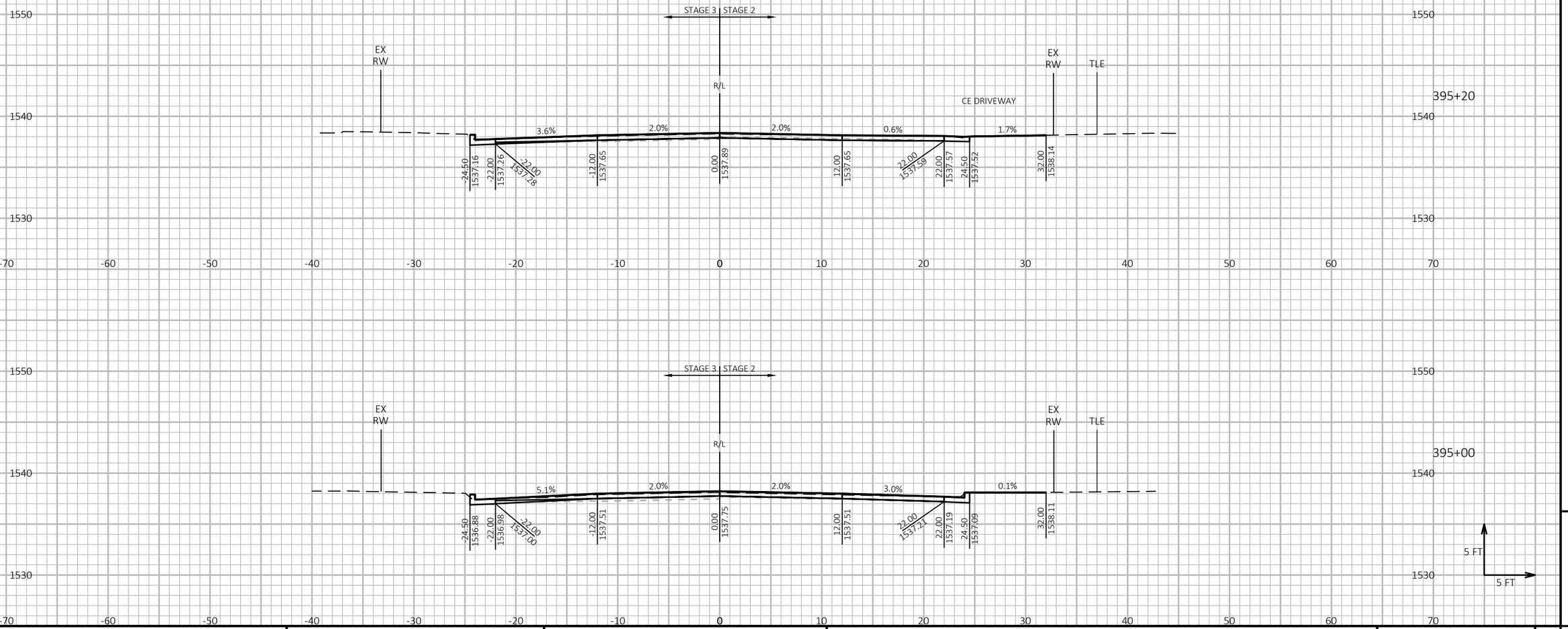
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 32

PLOT DATE : 10/23/2023 7:11 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



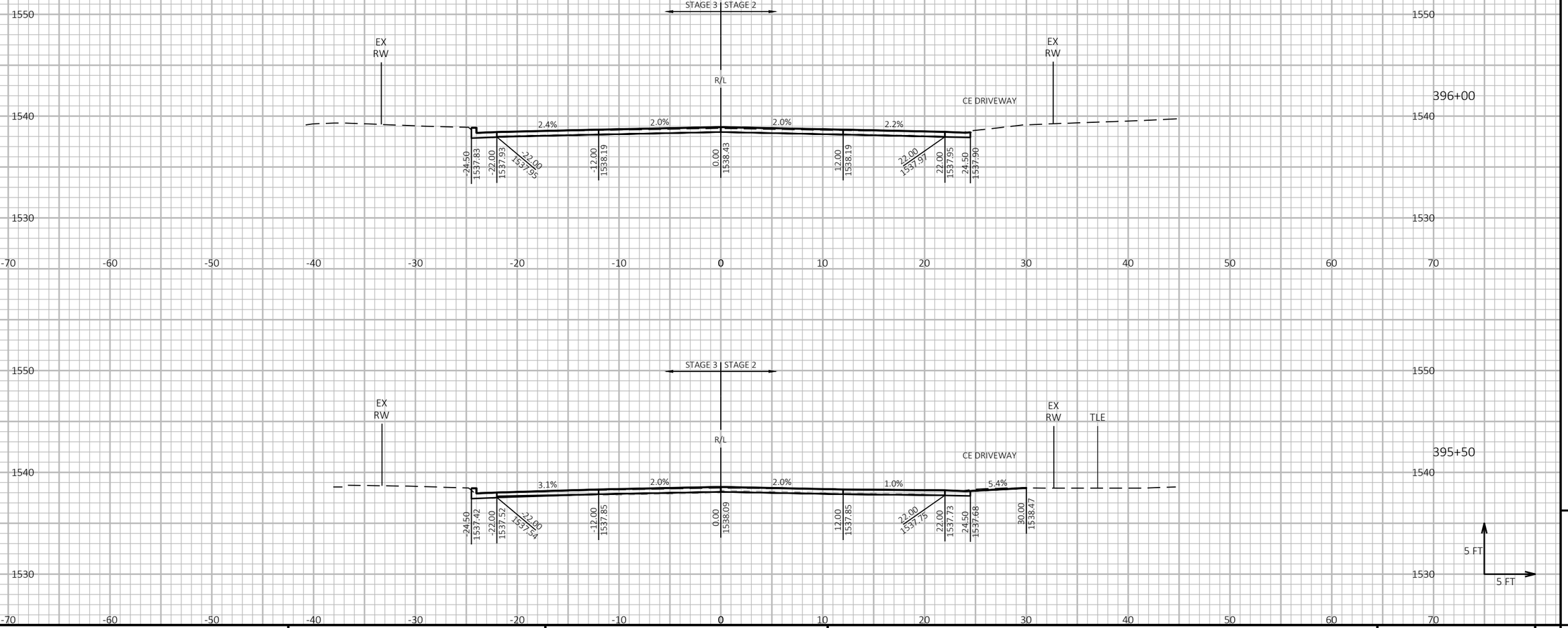
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 402	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 33

PLOT DATE : 10/23/2023 7:12 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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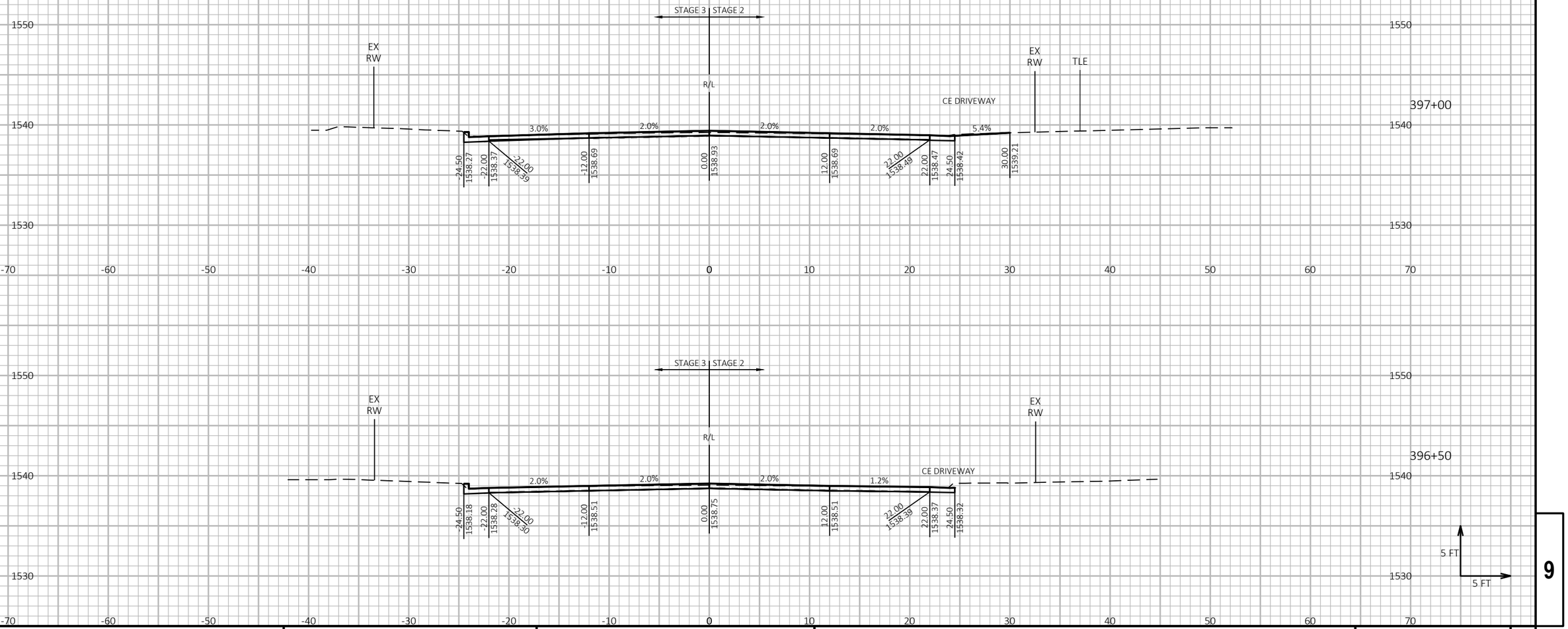
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 403	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 34

PLOT DATE : 10/23/2023 7:12 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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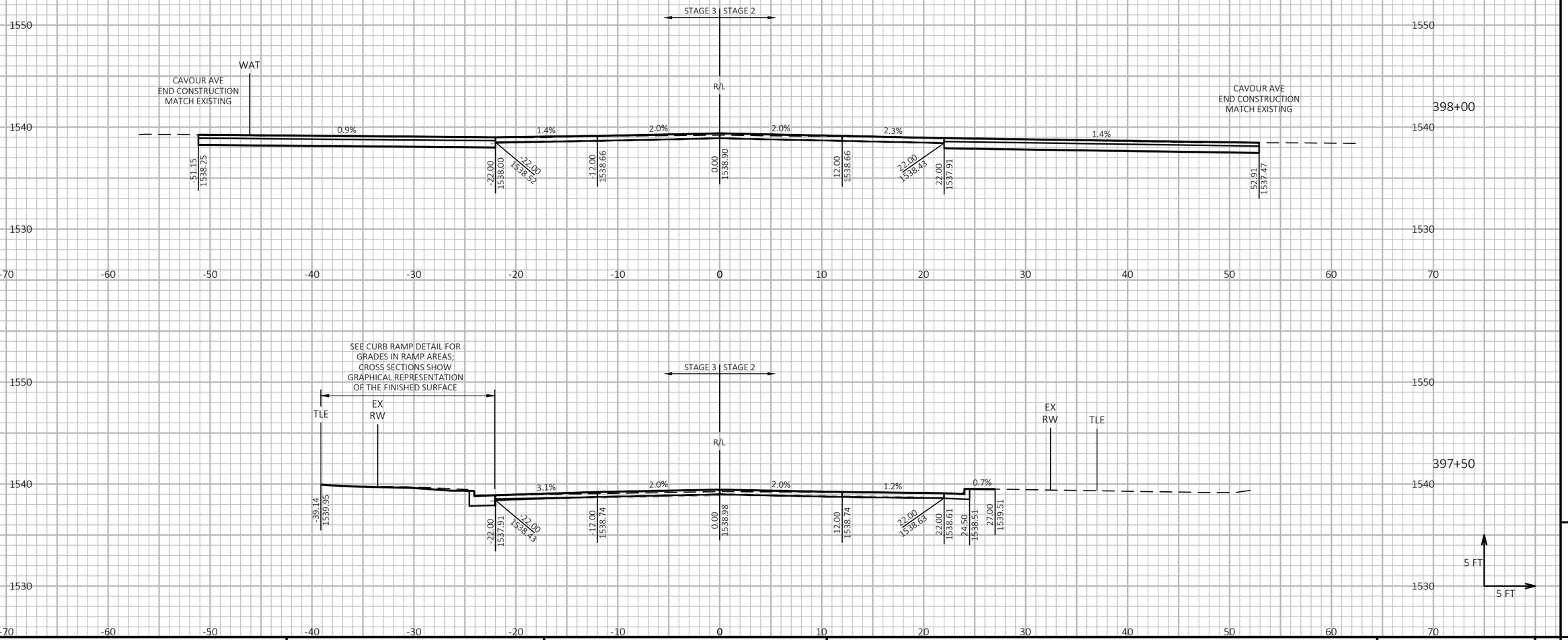
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 404	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 35

PLOT DATE : 10/23/2023 7:12 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



9

PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 405	E

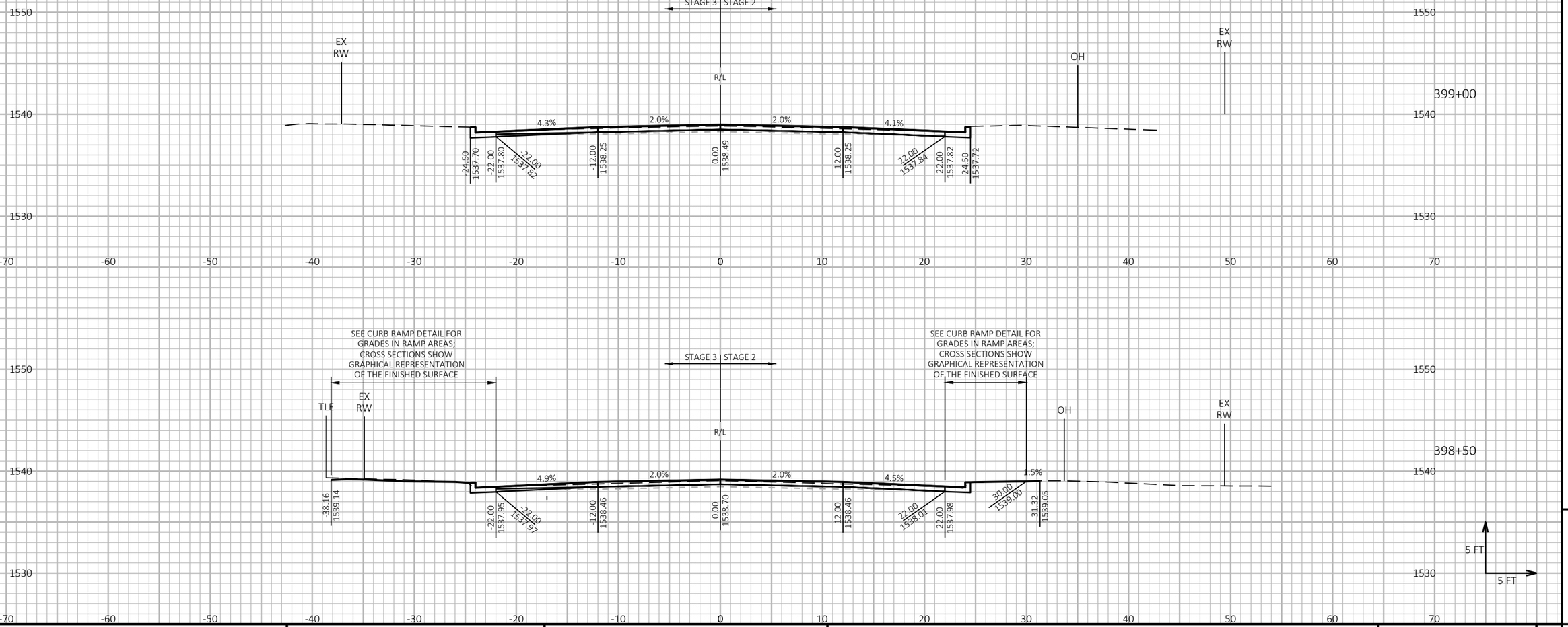
9

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 36

PLOT DATE : 10/23/2023 7:12 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

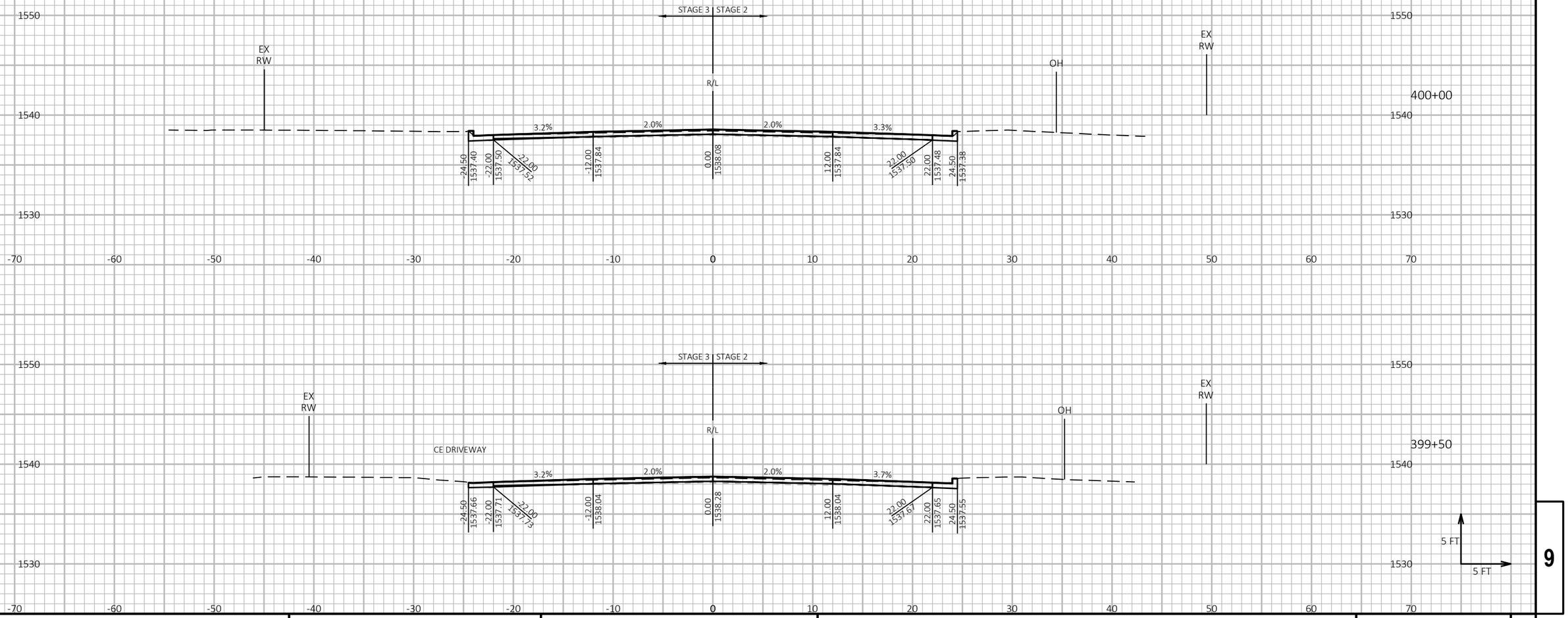
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 406	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 37
PLOT DATE : 10/23/2023 7:12 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 407	E

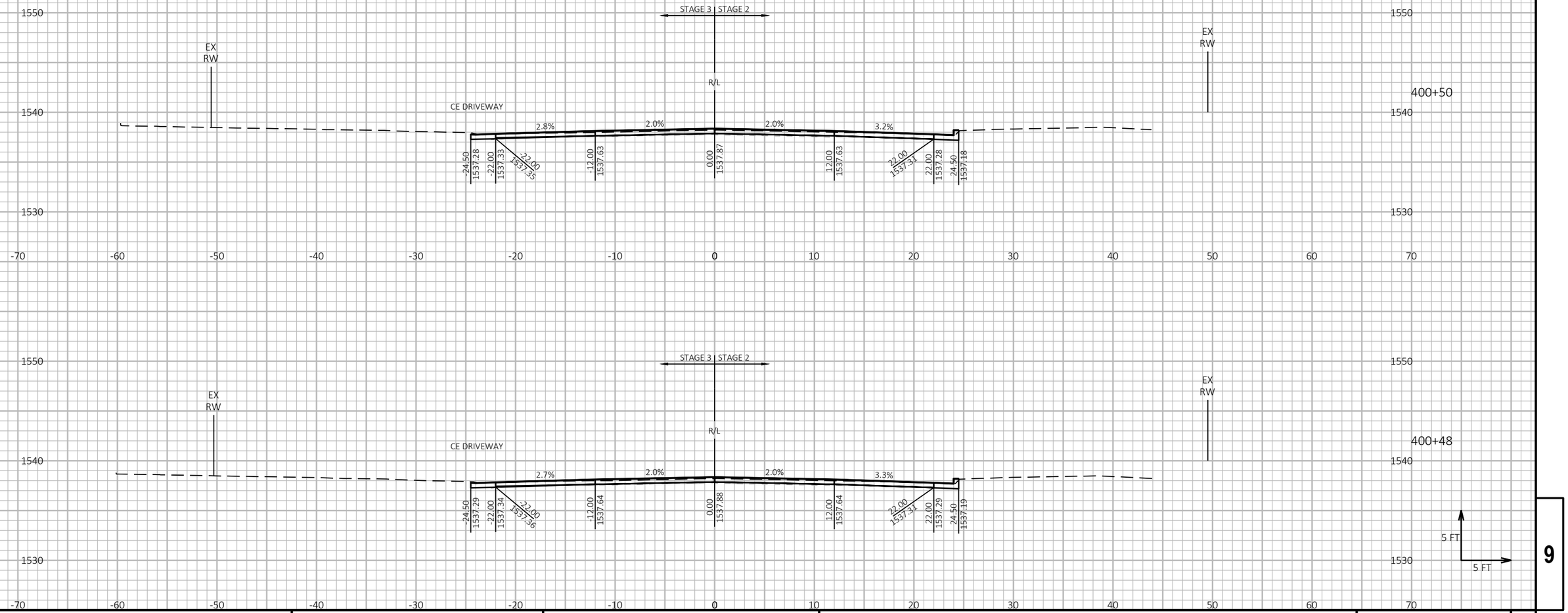
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 38

PLOT DATE : 10/23/2023 7:12 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

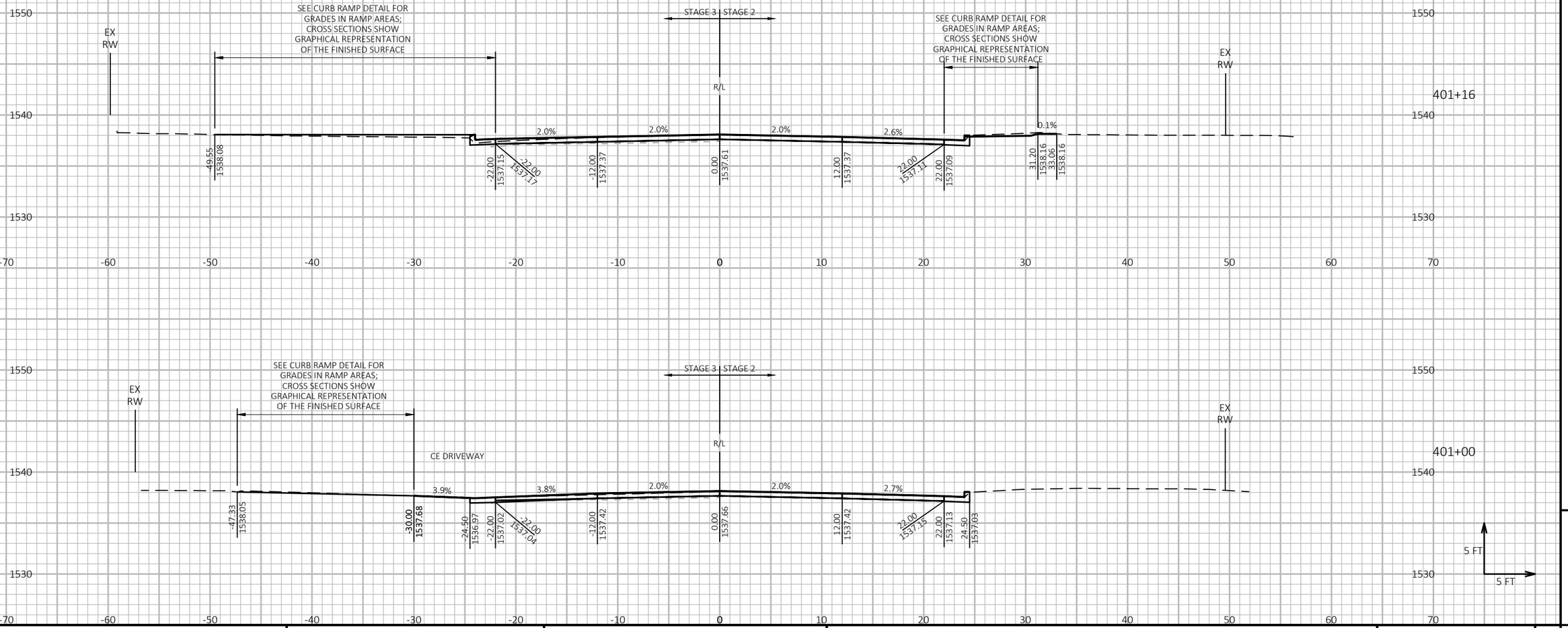
NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 408	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 39
PLOT DATE : 10/23/2023 7:13 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



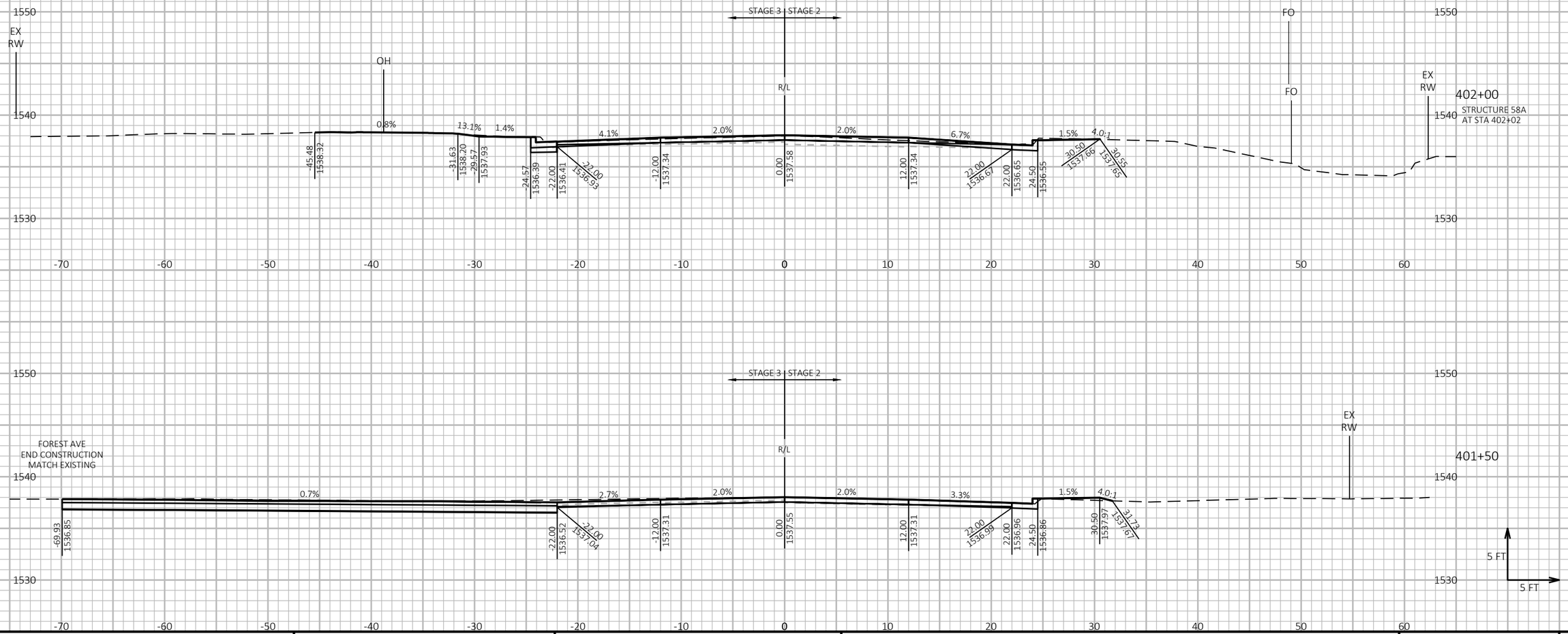
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 409	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 40

PLOT DATE : 10/23/2023 7:13 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

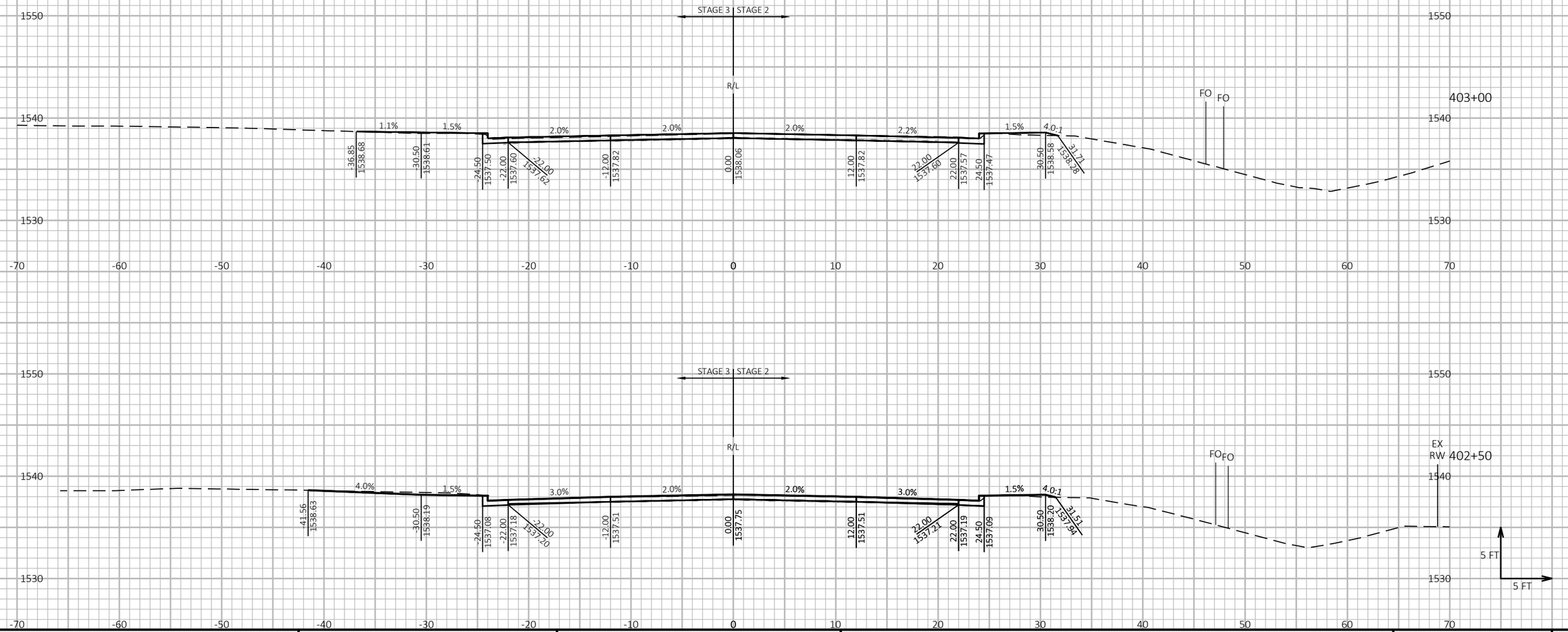
WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 410	E

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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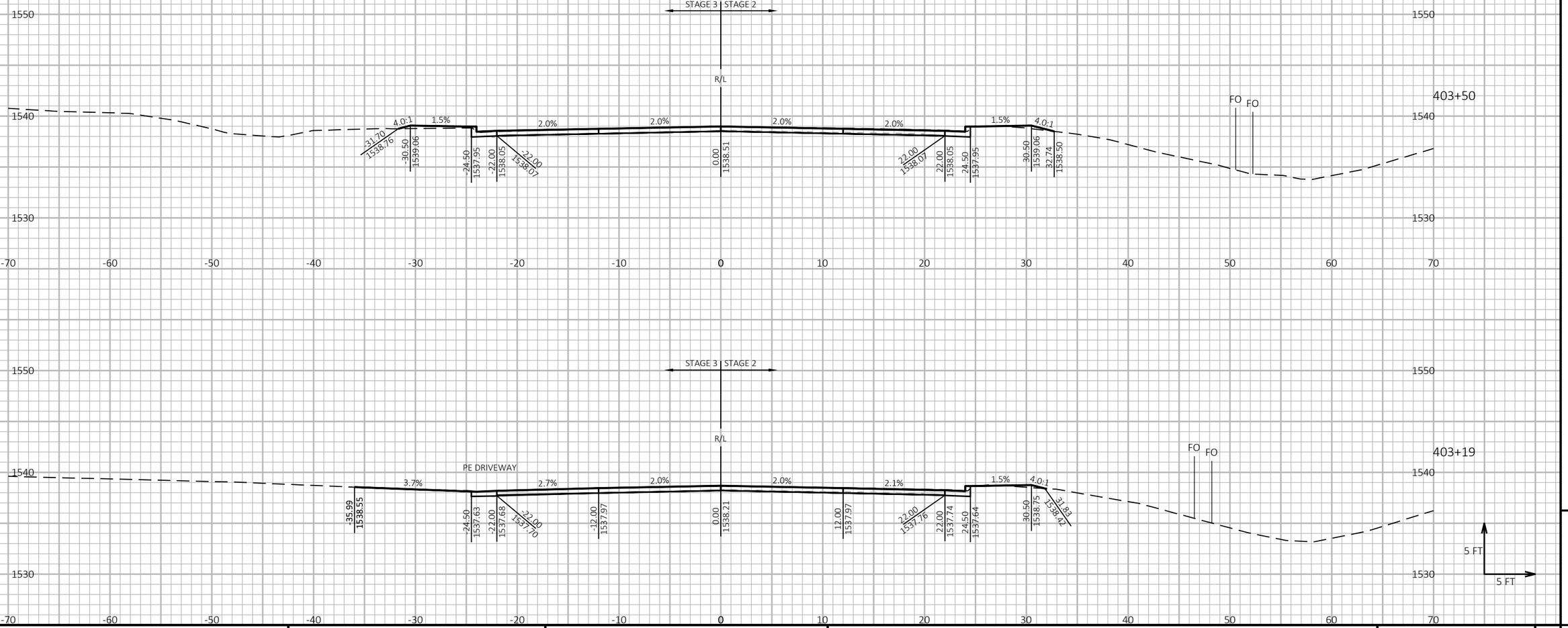
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 411	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 42

PLOT DATE : 10/23/2023 7:13 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



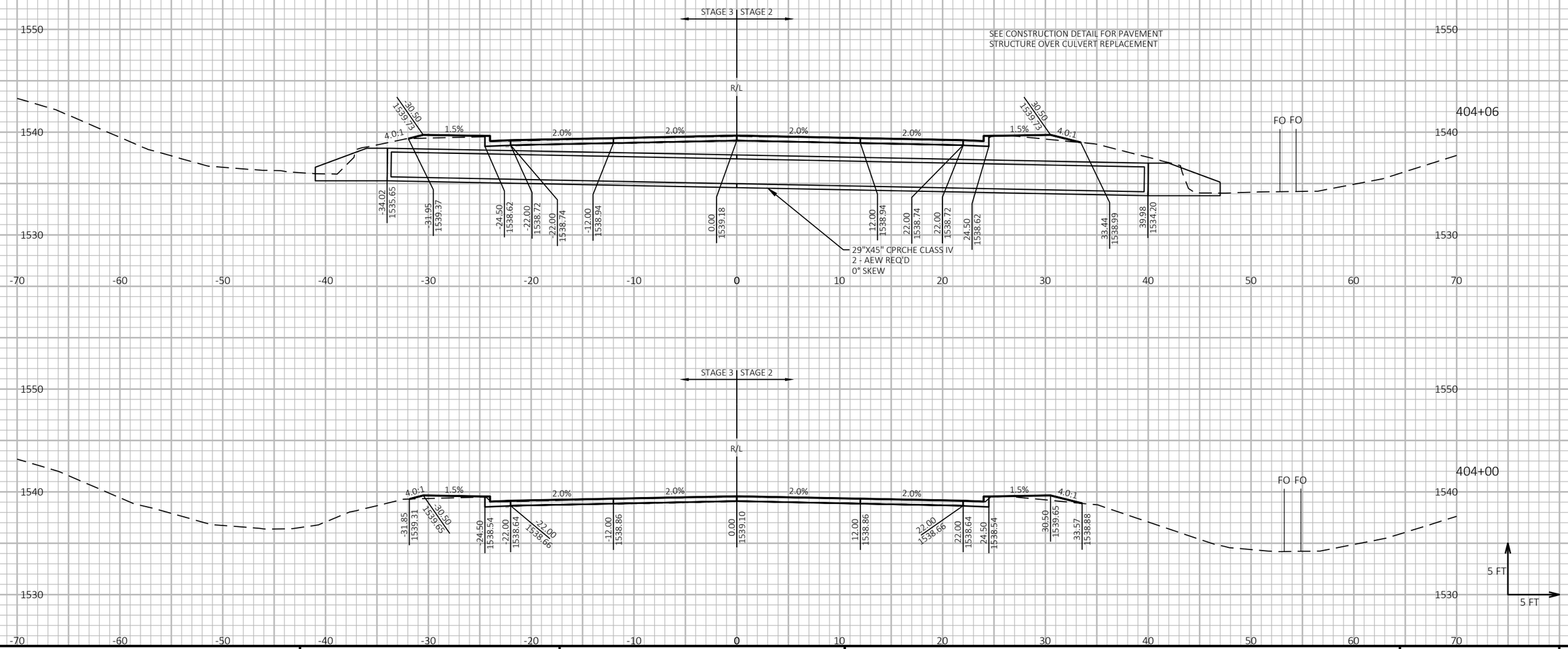
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 412	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 43

PLOT DATE : 10/23/2023 7:13 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 413	E

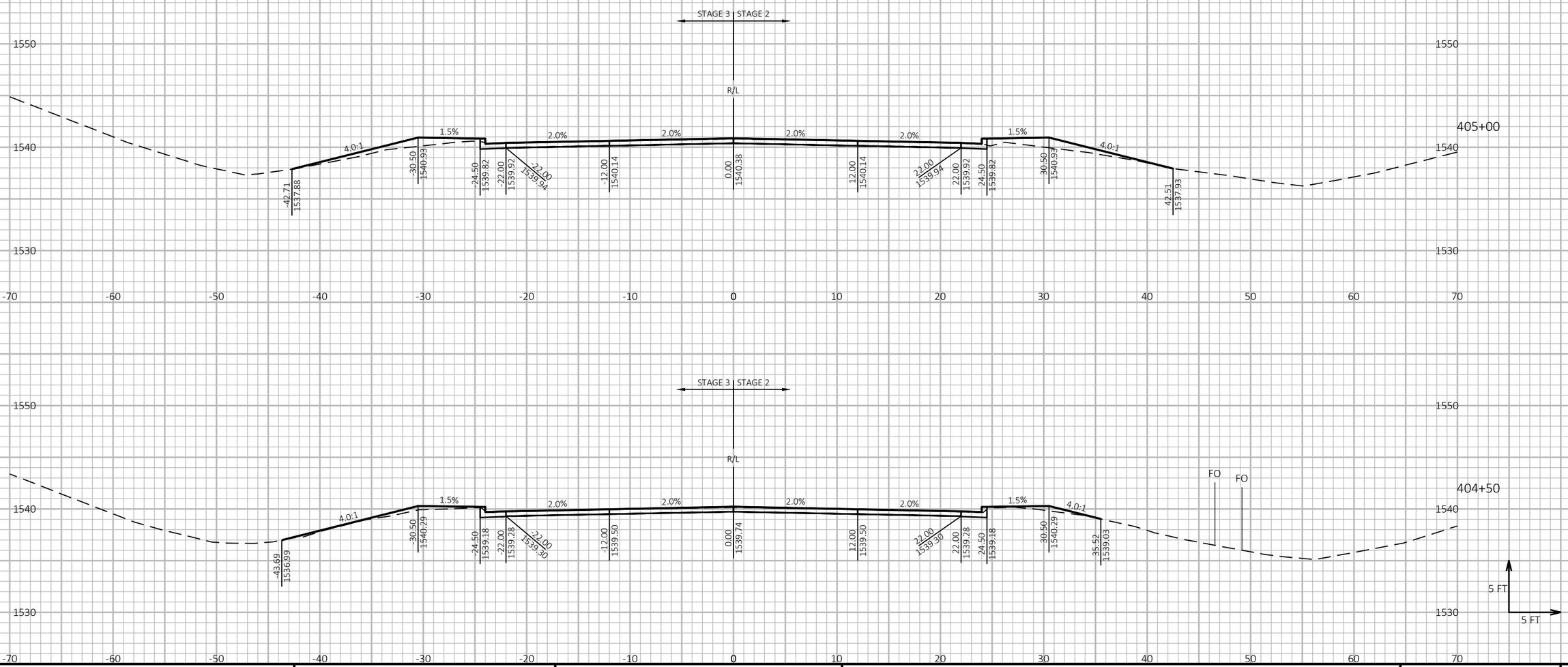
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 44

PLOT DATE : 10/23/2023 7:13 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

NOTE
ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED BASE AGGREGATE FOUNDATION BETWEEN CURBS IN PAVEMENT REPLACEMENT SECTION.



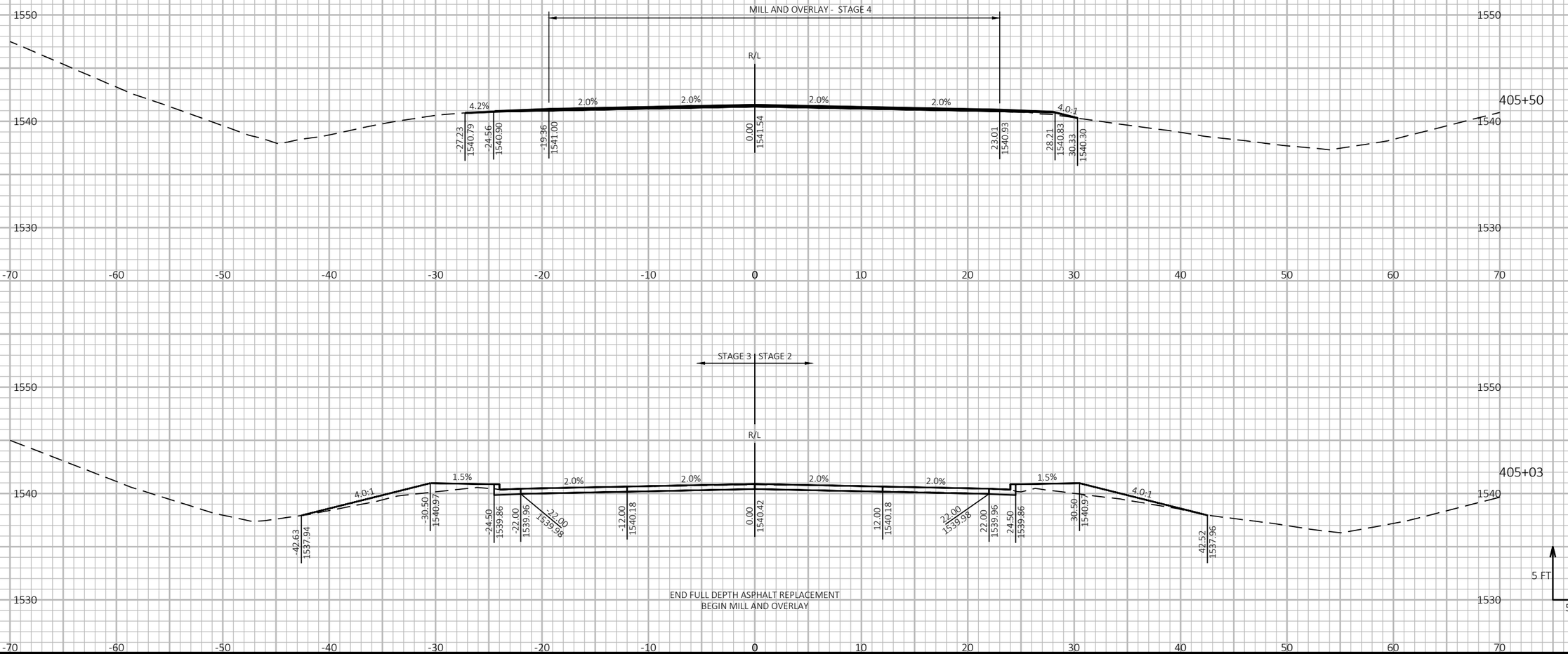
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 414	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 45

PLOT DATE : 10/23/2023 7:14 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

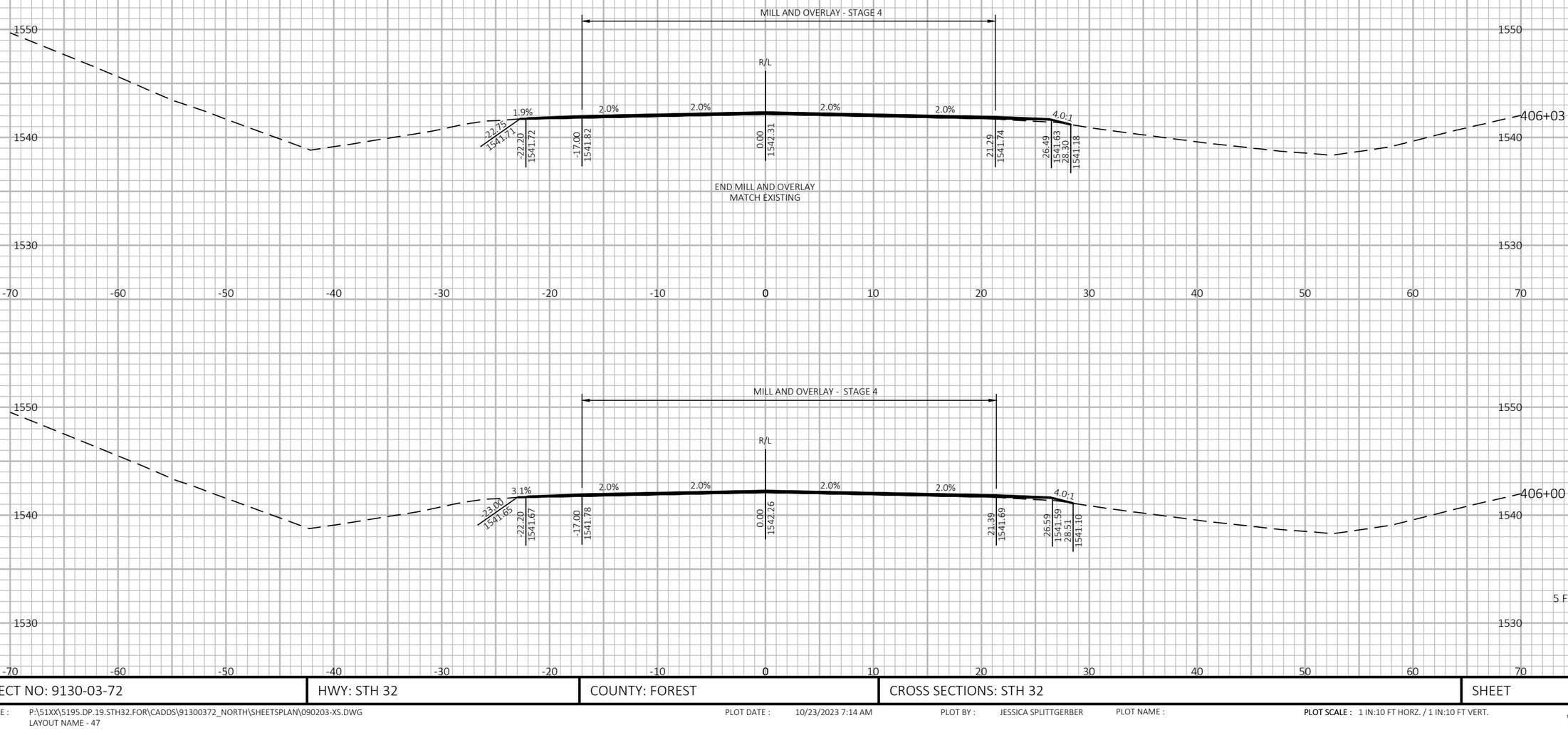
NOTE
REFERENCE LINE ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED SURFACE IN MILL AND OVERLAY SECTION.



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 415	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 46
PLOT DATE : 10/23/2023 7:14 AM
PLOT BY : JESSICA SPLITTGERBER
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

NOTE
REFERENCE LINE ELEVATION LABELS ARE PROVIDED AT TOP OF FINISHED SURFACE IN MILL AND OVERLAY SECTION.



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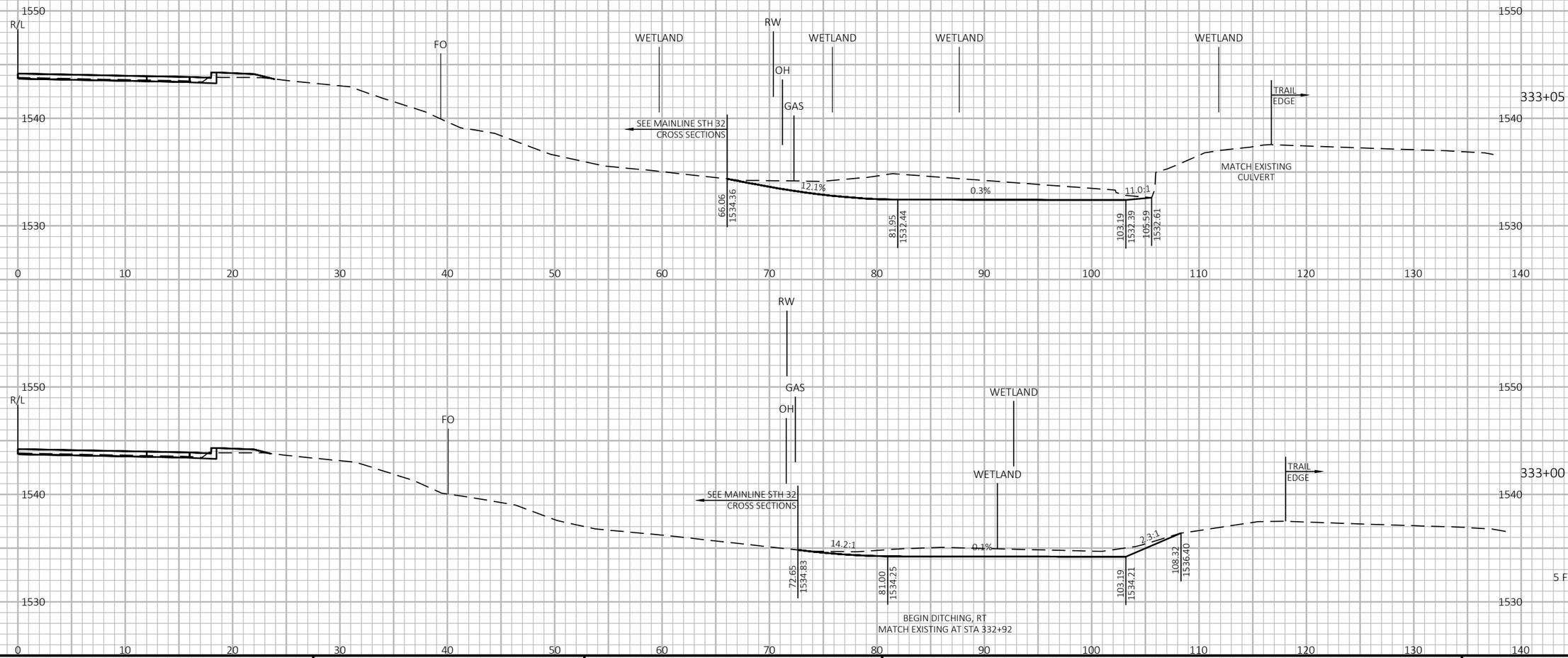
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32	SHEET 416	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - 47

PLOT DATE : 10/23/2023 7:14 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
CROSS SLOPES ARE SHOWN PERPENDICULAR TO STH 32 ALIGNMENT. SECTION 2 OF PLANS DEMONSTRATES THE DITCH SLOPES PERPENDICULAR TO THE DITCH LINE.



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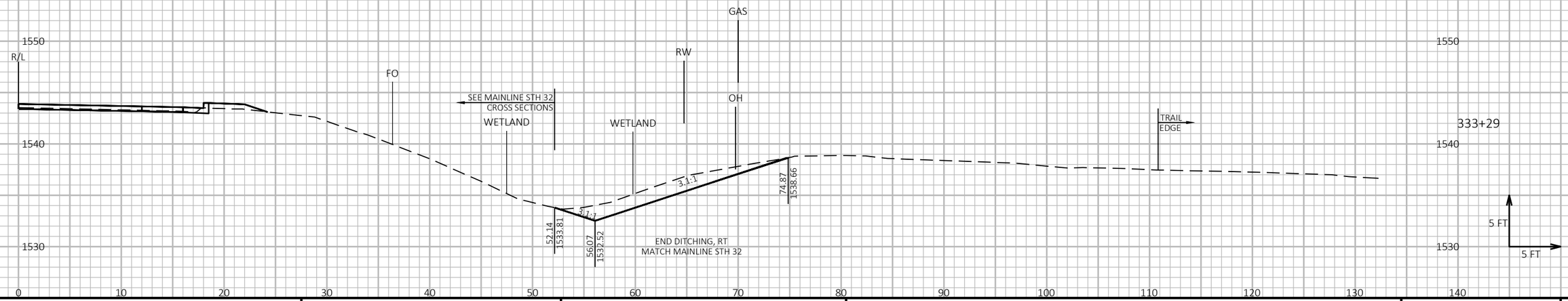
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32 OUTFALL DITCHING	SHEET 417	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 7/20/2023 8:42 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

NOTE
CROSS SLOPES ARE SHOWN PERPENDICULAR TO STH 32 ALIGNMENT. SECTION 2 OF PLANS DEMONSTRATES THE DITCH SLOPES PERPENDICULAR TO THE DITCH LINE.

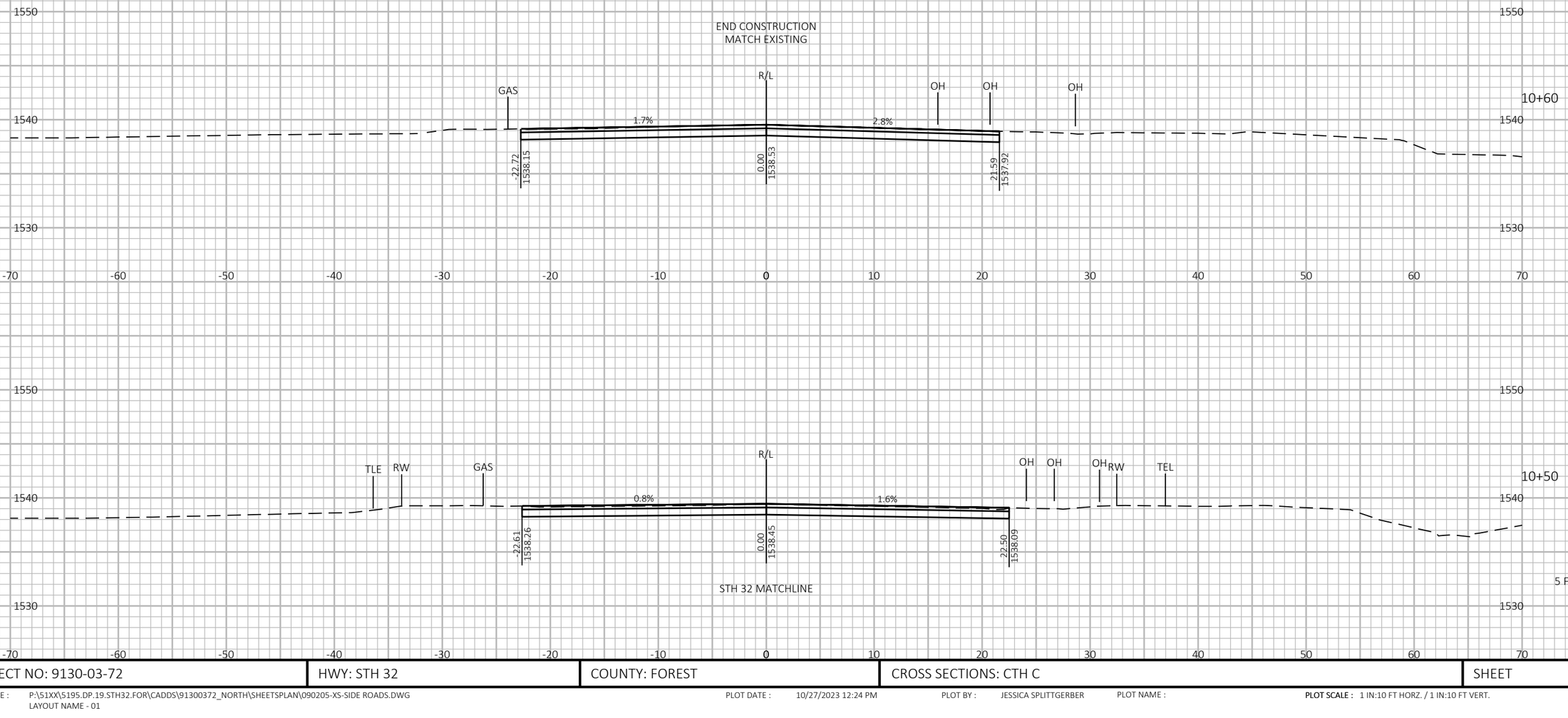


PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: STH 32 OUTFALL DITCHING	SHEET 418	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - 02

PLOT DATE : 7/20/2023 8:42 AM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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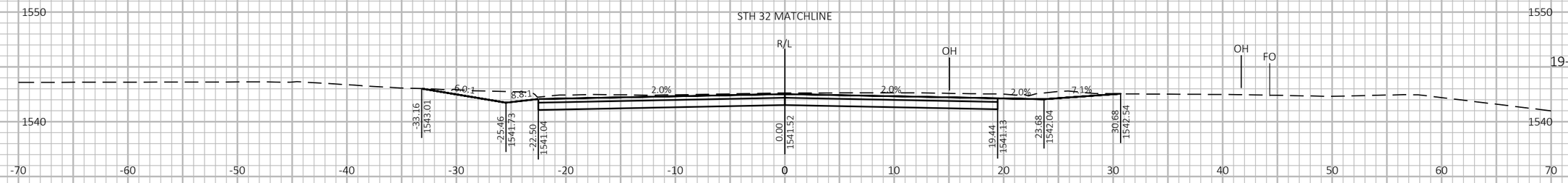
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: CTH C	SHEET 419	E

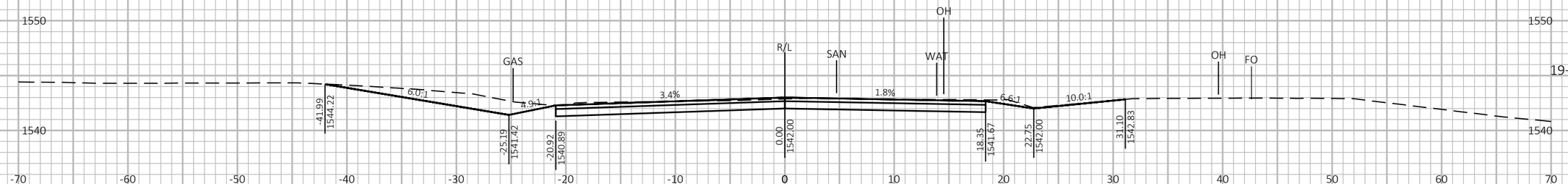
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090205-XS-SIDE ROADS.DWG
LAYOUT NAME - 01

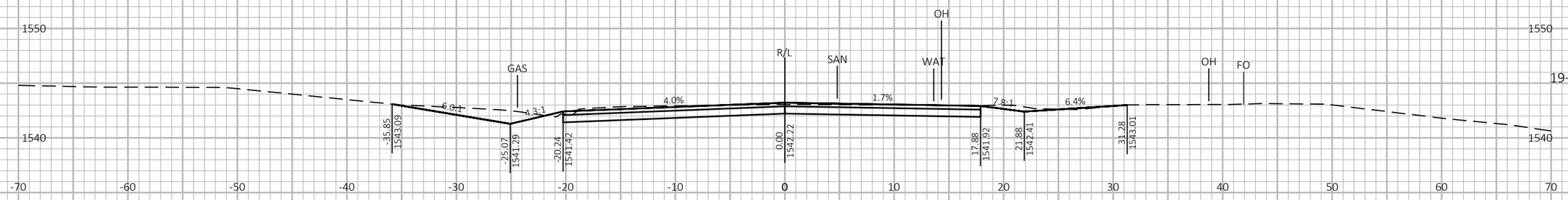
PLOT DATE : 10/27/2023 12:24 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

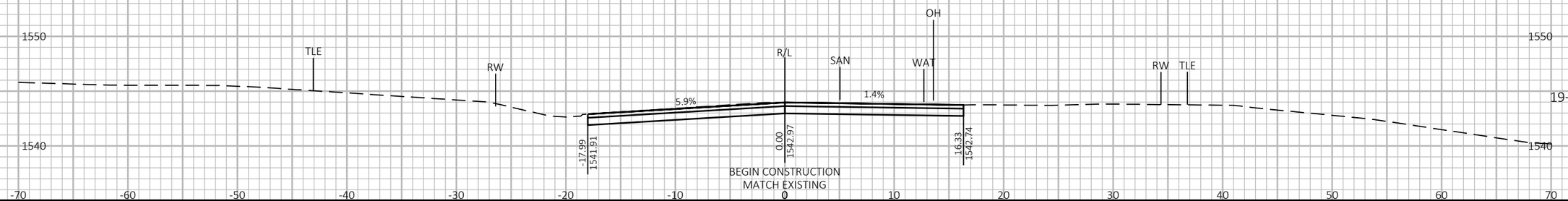
WISDOT/CADDS SHEET 49

STH 32 MATCHLINE









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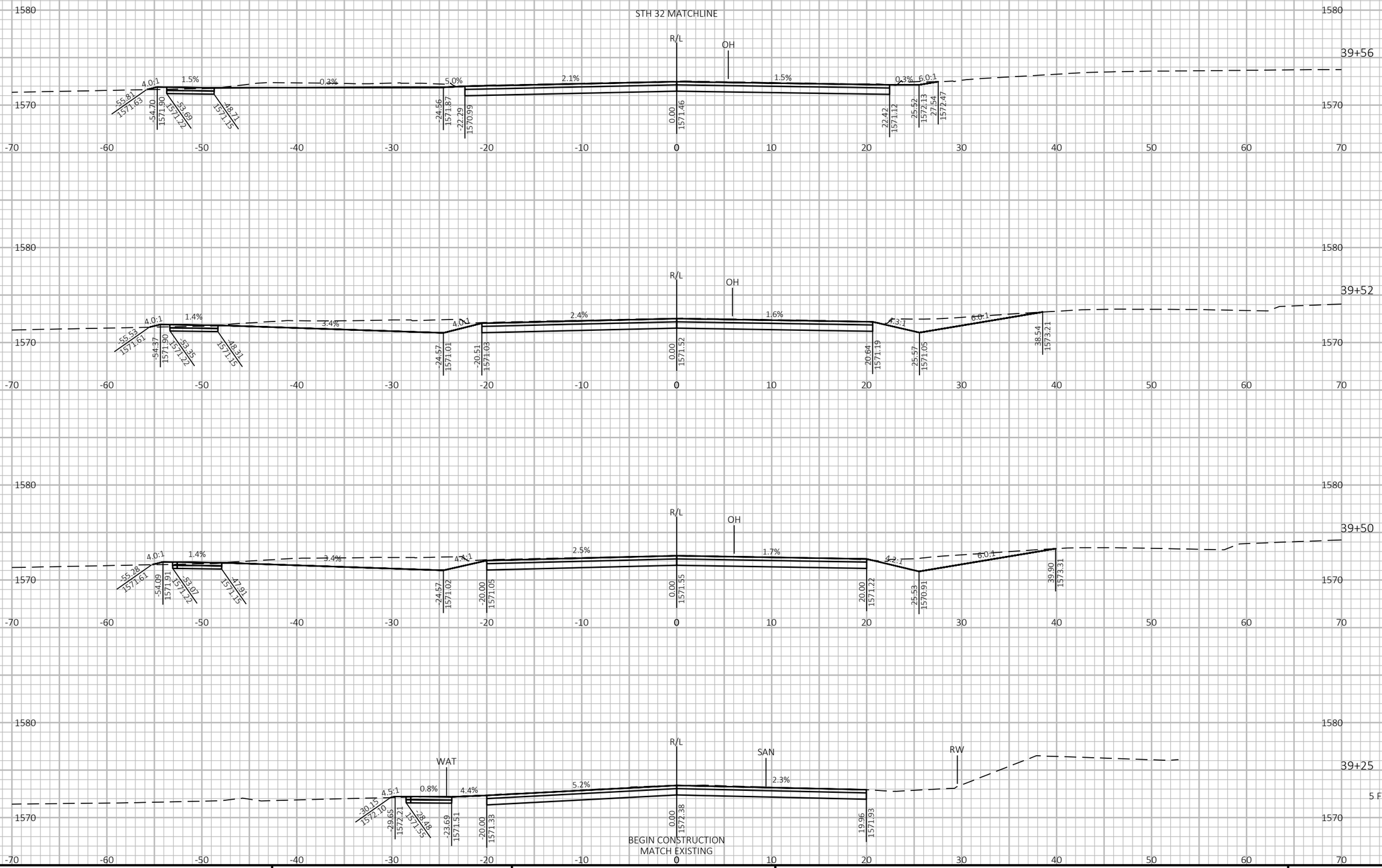
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: RIVER ST (EAST)	SHEET 420	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090205-XS-SIDE ROADS.DWG
LAYOUT NAME - 02

PLOT DATE : 10/27/2023 12:24 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: ELM AVE	SHEET 421	E

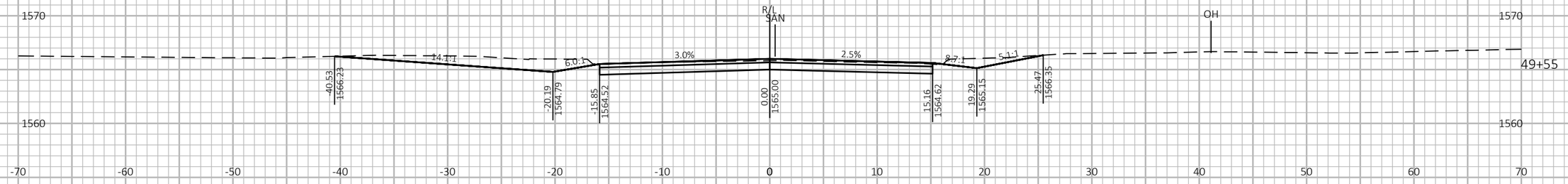
FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090205-XS-SIDE ROADS.DWG
LAYOUT NAME - 03

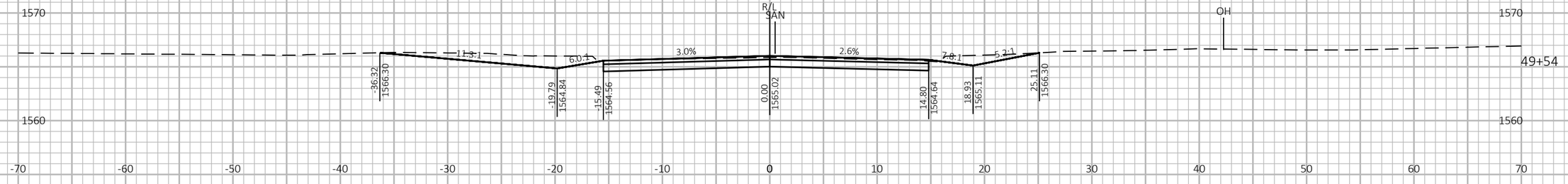
PLOT DATE : 10/27/2023 12:24 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

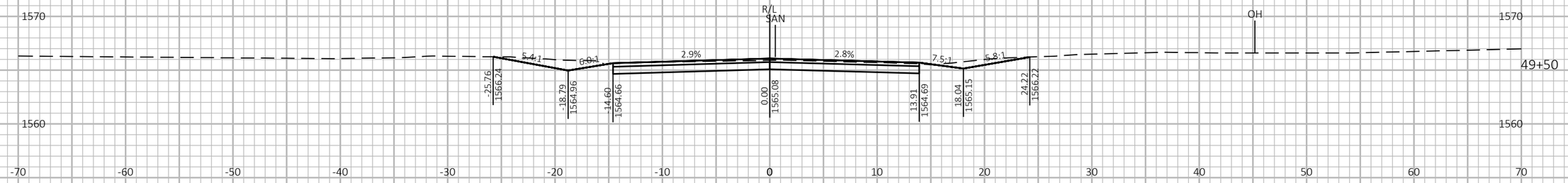
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

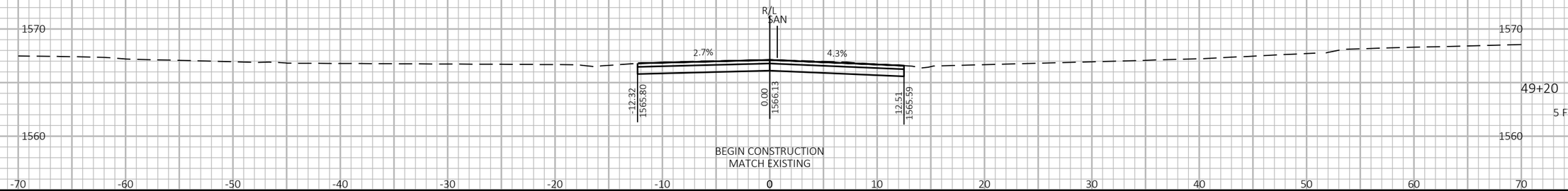
WISDOT/CADDS SHEET 49

STH 32 MATCHLINE









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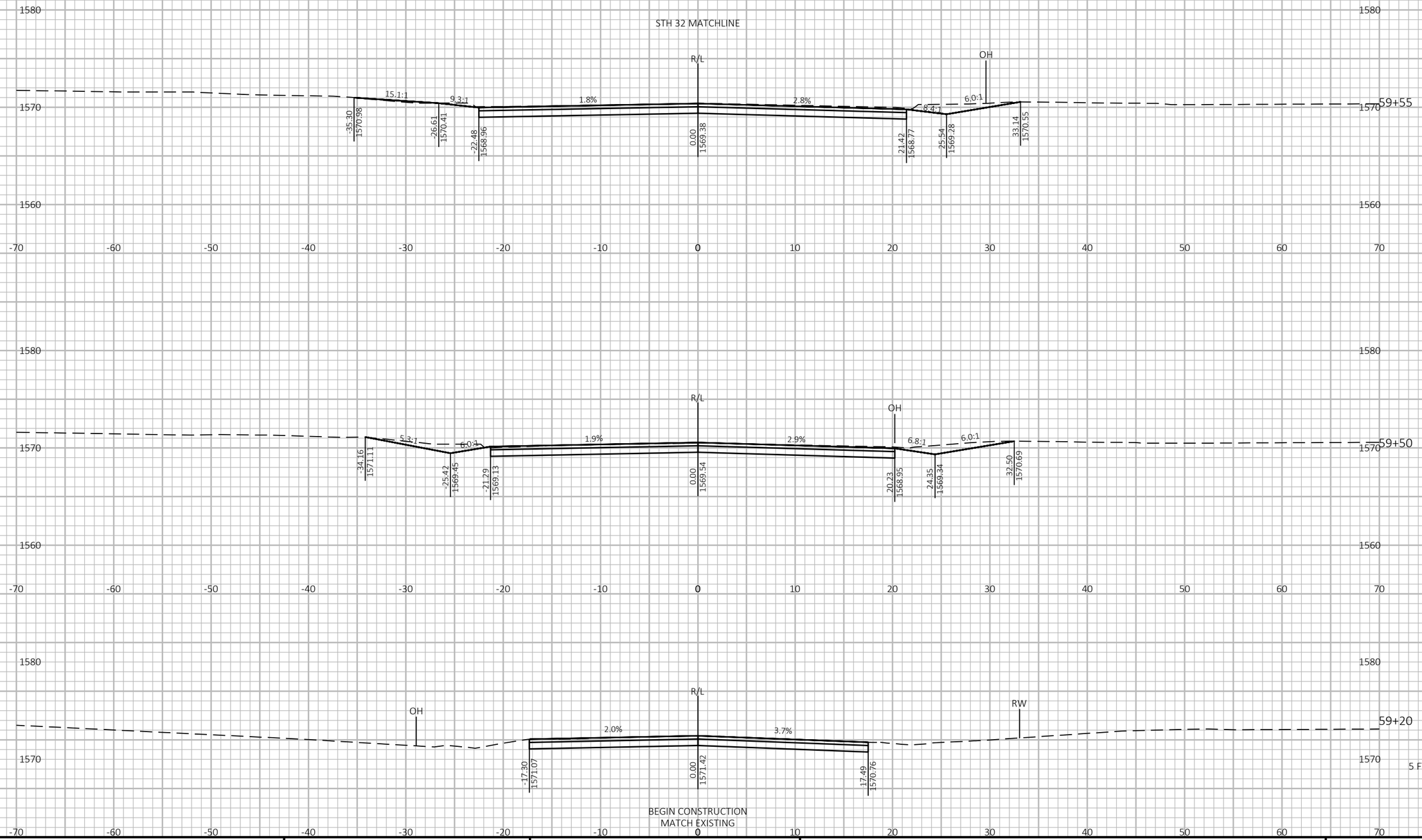
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: EAST AVE	SHEET 422	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090205-XS-SIDE ROADS.DWG
LAYOUT NAME - 04

PLOT DATE : 10/27/2023 12:24 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

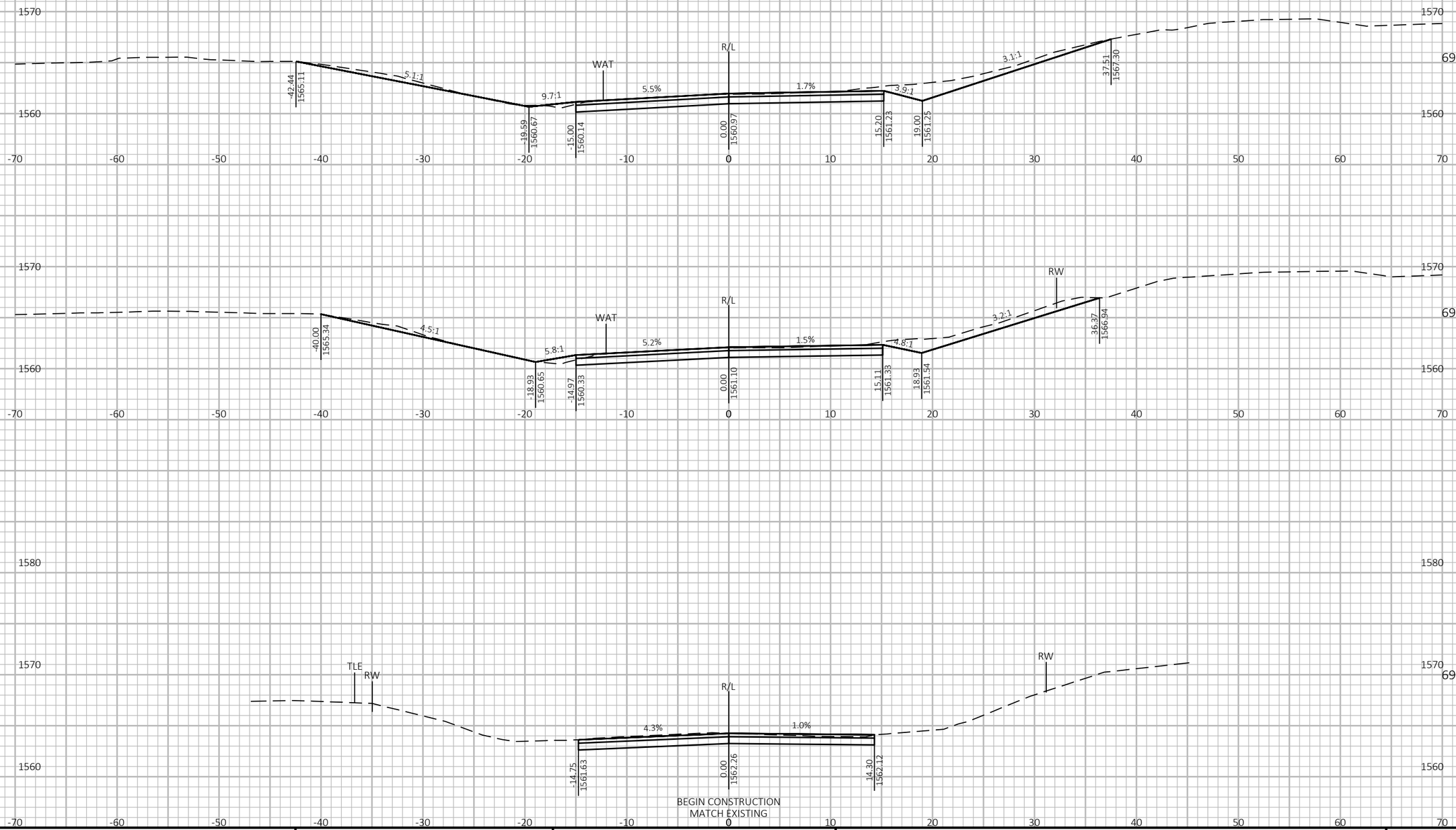


PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: PEARL AVE	SHEET 423	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090205-XS-SIDE ROADS.DWG
LAYOUT NAME - 05

PLOT DATE : 10/27/2023 12:24 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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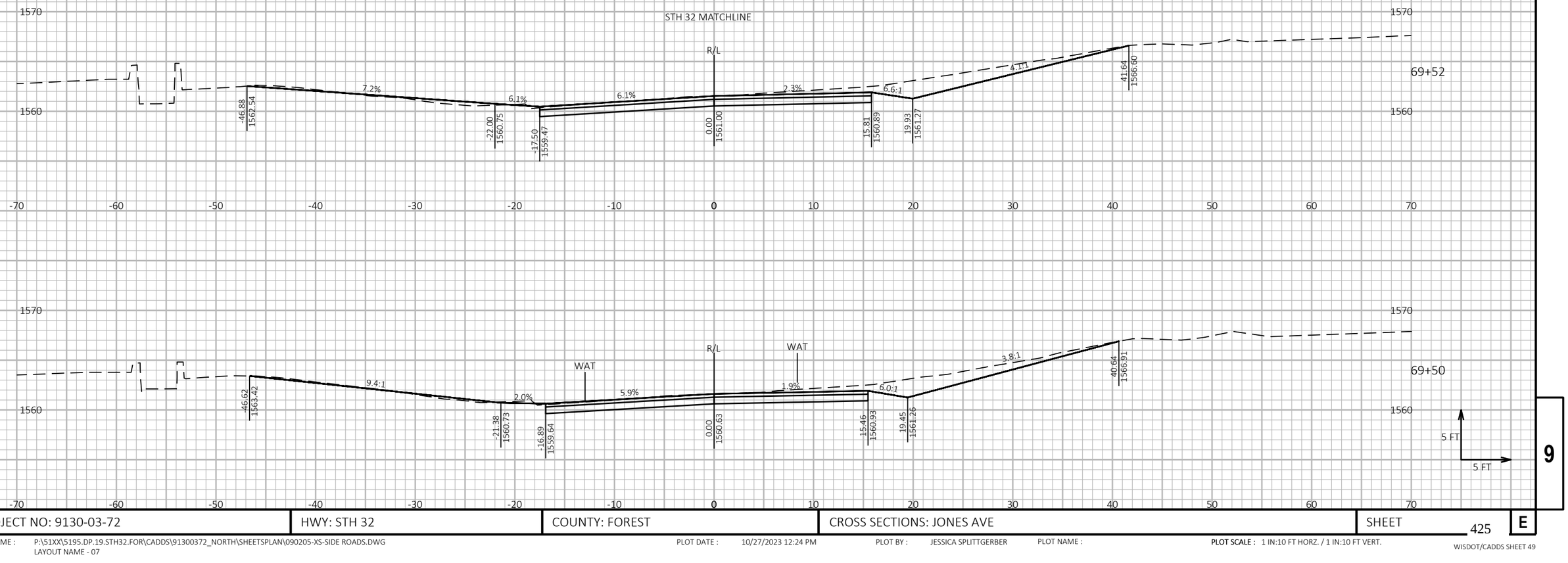
PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: JONES AVE	SHEET 424	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090205-XS-SIDE ROADS.DWG
LAYOUT NAME - 06

PLOT DATE : 10/27/2023 12:24 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME :

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

WISDOT/CADDS SHEET 49

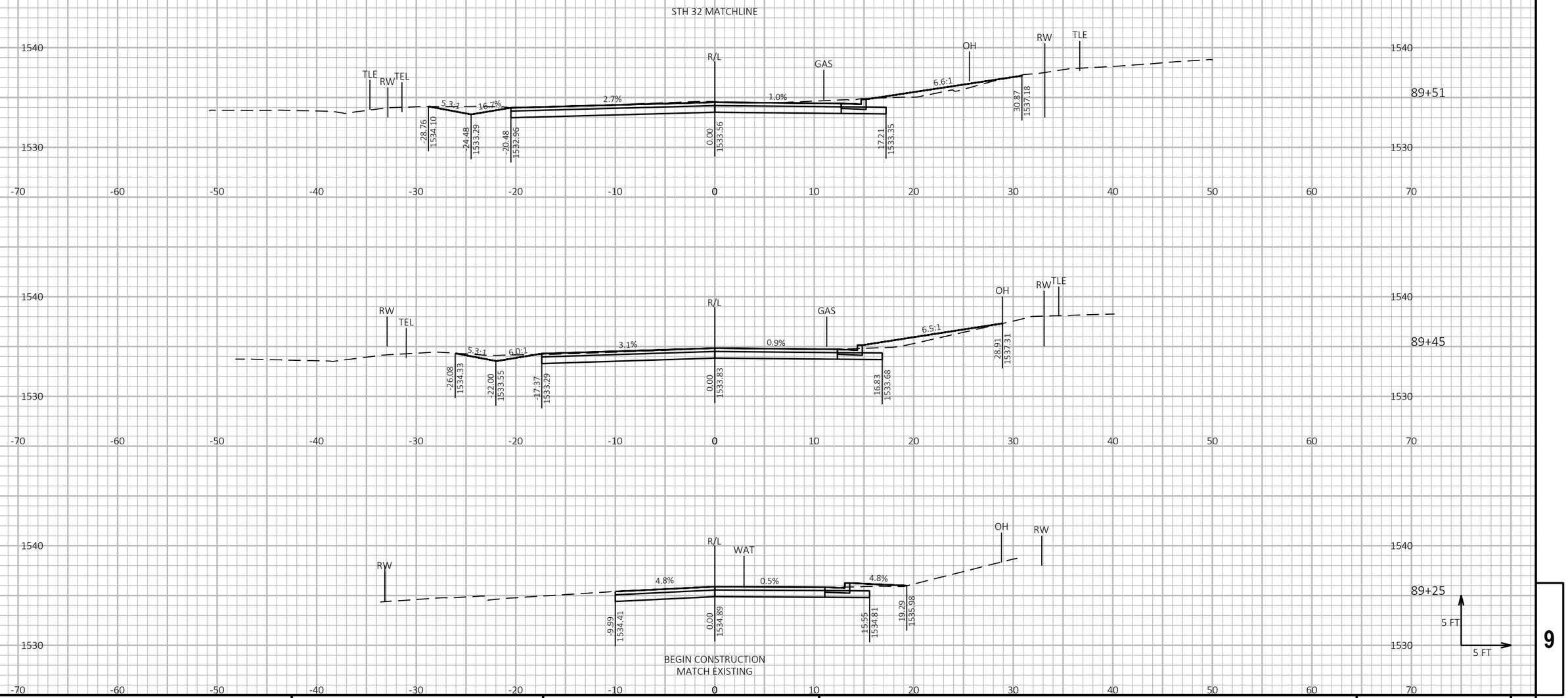


PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: JONES AVE	SHEET 425	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090205-XS-SIDE ROADS.DWG
LAYOUT NAME - 07

PLOT DATE : 10/27/2023 12:24 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 9130-03-72	HWY: STH 32	COUNTY: FOREST	CROSS SECTIONS: CRANDON AVE	SHEET 426	E

FILE NAME : P:\51XX\5195.DP.19.STH32.FOR\CADDS\91300372_NORTH\SHEETSPLAN\090205-XS-SIDE ROADS.DWG
LAYOUT NAME - 08

PLOT DATE : 10/27/2023 12:25 PM PLOT BY : JESSICA SPLITTGERBER PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov