

PROJECT ID: 1110-13-71
WITH: N/A

COUNTY: WINNEBAGO

ORDER OF SHEETS

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

TOTAL SHEETS =



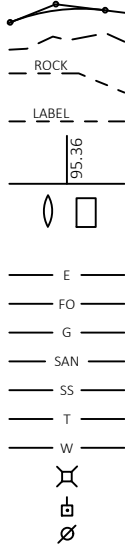
DESIGN DESIGNATION 1110-13-00

A.A.D.T.	2020	=	11,400
A.A.D.T.	2040	=	13,100
D.H.V.		=	600
D.D.		=	50 / 50
T.		=	33.7%
DESIGN SPEED		=	55 MPH
ESALS		=	

CONVENTIONAL SYMBOLS

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

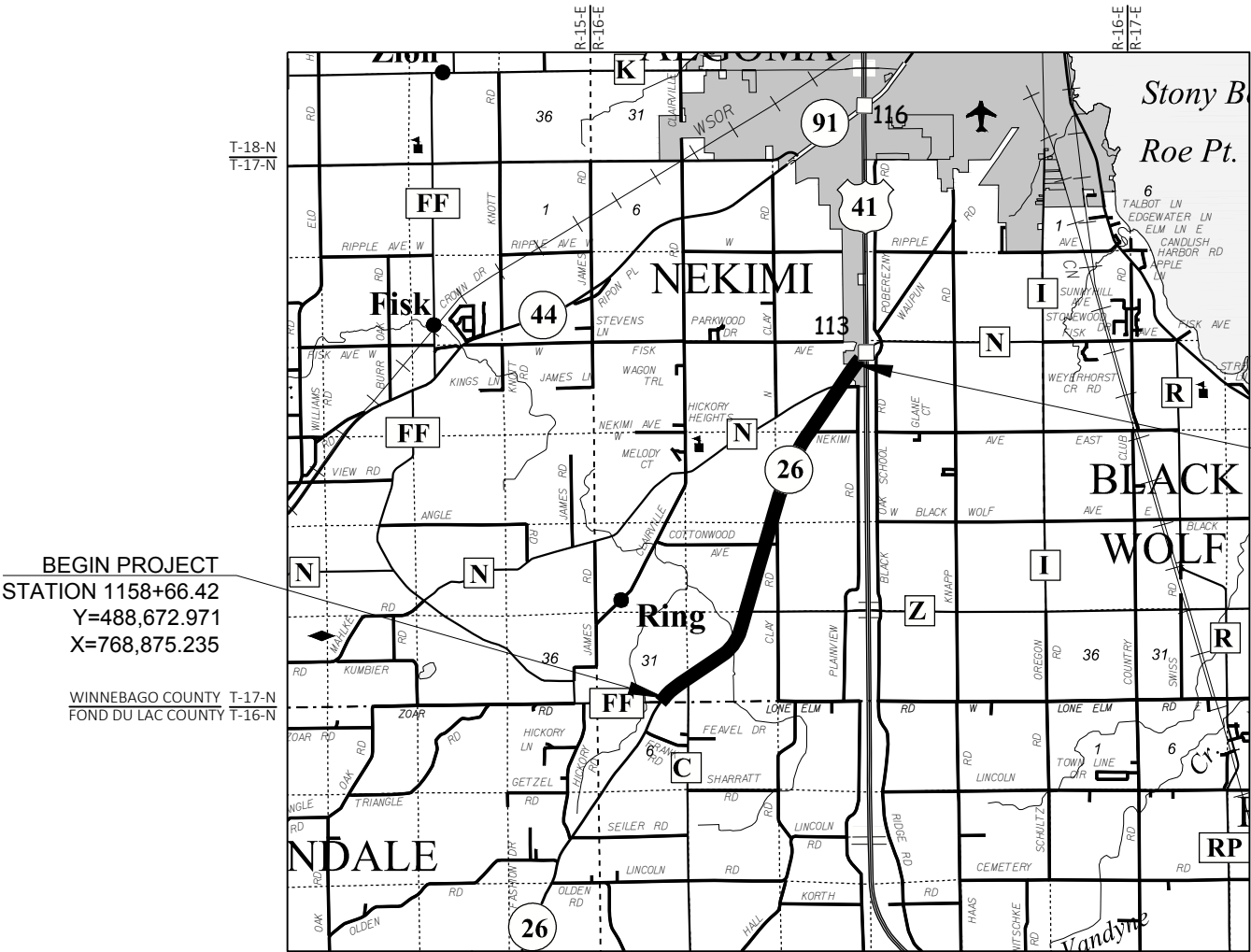
PROFILE	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	



BEGIN PROJECT
STATION 1158+66.42
Y=488,672.971
X=768,875.235

WINNEBAGO COUNTY T-17-N
FOND DU LAC COUNTY T-16-N

STATE PROJECT NUMBER
1110-13-71



LAYOUT
SCALE 0 2 MILE
TOTAL NET LENGTH OF CENTERLINE = 4.309 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, WINNEBAGO COUNTY, NAD83 (2007), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT
ROSENDALE - OSHKOSH
SCL - IH 41
STH 26
WINNEBAGO COUNTY

TRANS 220
PROJECT PLAN
FOR
DESIGN OF UTILITY FACILITY
ALTERATIONS OR RELOCATIONS

Date: 04/20/2018

ORIGINAL PLANS PREPARED BY

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac
95 South Pioneer Road, Suite 300 • Fond du Lac, WI 54605
(920) 924-5720 • fax (920) 924-5725

DATE: _____ BENJAMIN L. OITZINGER, PE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY
Surveyor _____ CORMAC MCINNIS
Designer _____ GREMMER & ASSOCIATES, INC.
Project Manager _____ WILLIAM BERTRAND
Regional Examiner _____ JODI MARSH
Regional Supervisor _____ CHARLES KAROW

APPROVED FOR THE DEPARTMENT
DATE: _____ (Signature)

GENERAL NOTES

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM NAVD88(2007).

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN IN THE PLANS, ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE ENGINEER SHALL ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH THE EXISTING UTILITY FACILITIES. THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND ALL OTHER UTILITIES IN THE VICINITY OF THE PROJECT TO LOCATE THEIR FACILITIES AT LEAST 3 WORKING DAYS PRIOR TO BEGINNING WORK.

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

DNR AREA LIAISON

JAY SCHIEFELBEIN - WINNEBAGO COUNTY
DEPARTMENT OF NATURAL RESOURCES
NORTHEAST REGION
2984 SHAWANO AVE
GREEN BAY, WI 54313
(920) 662-5130
JEREMIAH.SCHIEFELBEIN@WISCONSIN.GOV



UTILITIES

AT&T WISCONSIN - COMMUNICATIONS
CHARLES BARTELT
70 E DIVISION ST
FOND DU LAC, WI 54935
(920) 929-1013
CB1461@ATT.COM

CENTURY LINK - COMMUNICATIONS
KEVIN ZICKERT
224 INDUSTRIAL DR
NORTH PRAIRIE, WI 53153
(262) 392-5200
KEVIN.ZICKERT@CENTURYLINK,.COM

CHARTER COMMUNICATIONS - COMMUNICATIONS
TODD HILDEBRANDT
165 KNIGHT WAY
FOND DU LAC, WI 54935
(920) 263-0428
TODD.HILDEBRANDT@CHARTER.COM

ALLIANT ENERGY - ELECTRIC
MICHAEL BROLIN
4902 NORTH BILTMORE LN
MADISON, WI 53713
MICHAELBROLIN@ALLIANTENERGY.COM

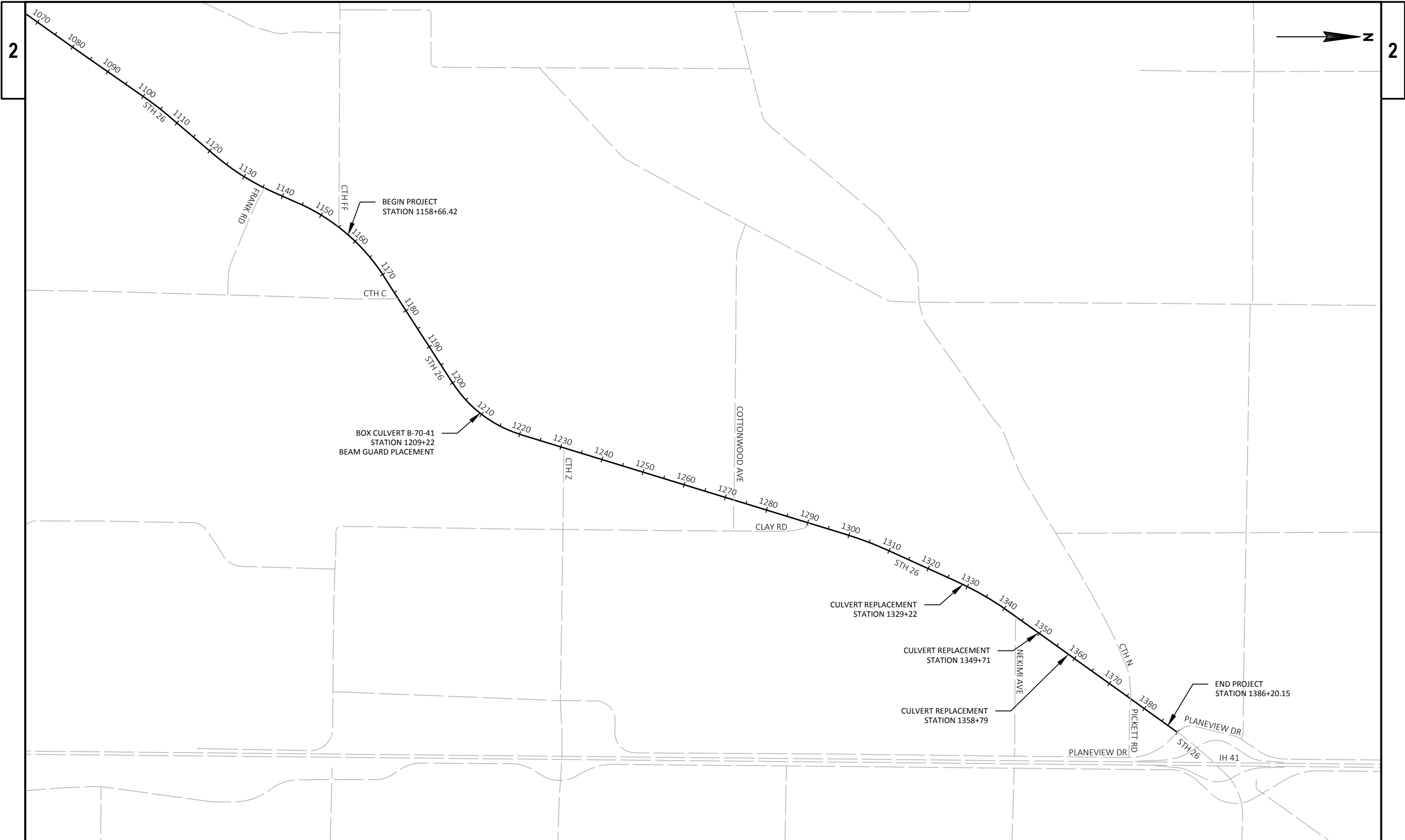
AMERICAN TRANSMISSION COMPANY - ELECTRIC
MIKE OLSEN
801 O'KEEFE RD
P.O. BOX 6113
DE PERE, WI 54155
(920) 338-6582
MOLSEN@ATCLLC.COM

WISCONSIN PUBLIC SERVICE CORPORATION - ELECTRIC
LORI BUTRY
700 N ADAMS ST
P.O. BOX 19001
GREEN BAY, WI 54307
(920) 433-1703
LABUTRY@INTEGRYSGROUP.COM

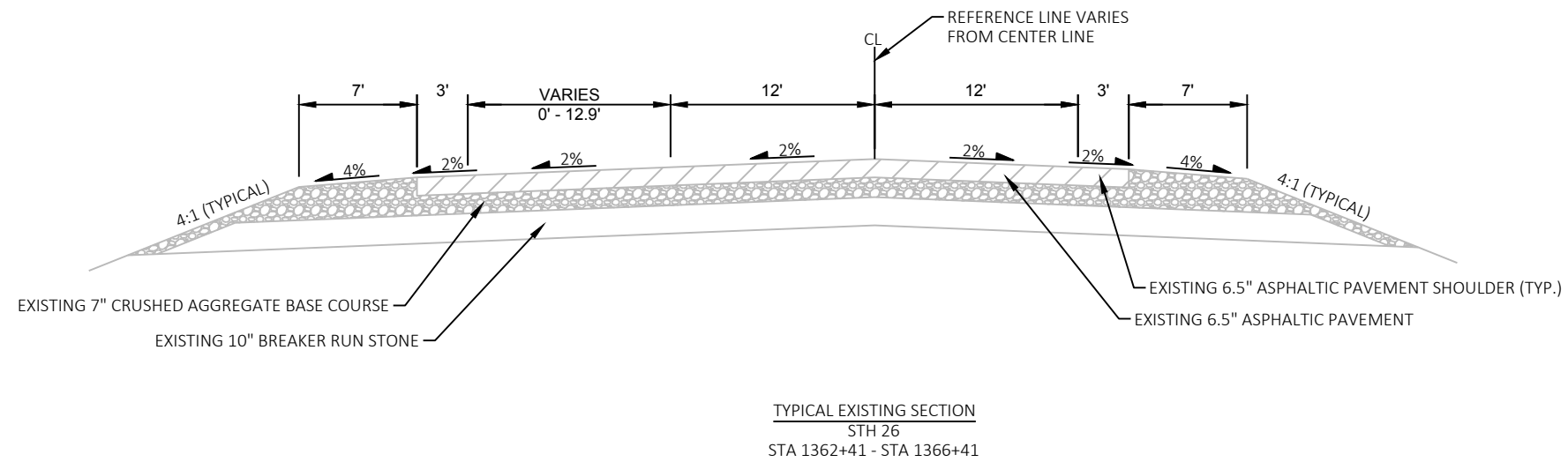
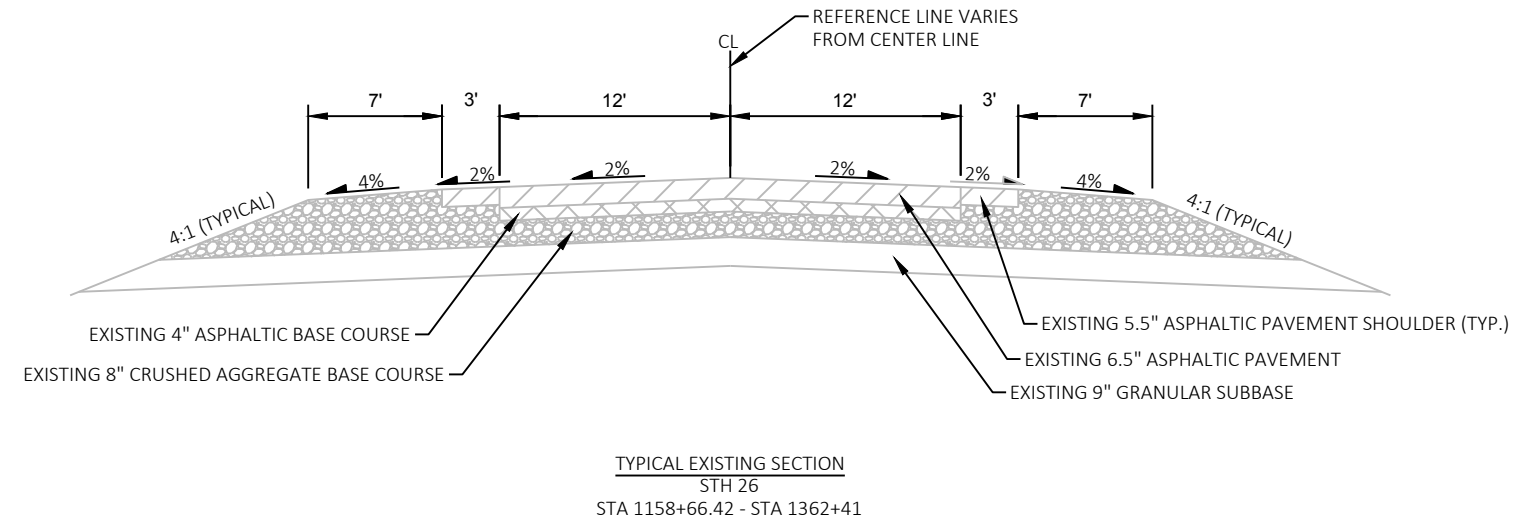
WISCONSIN PUBLIC SERVICE CORPORATION - GAS
LORI BUTRY
700 N ADAMS ST
P.O. BOX 19001
GREEN BAY, WI 54307
(920) 433-1703
LABUTRY@INTEGRYSGROUP.COM

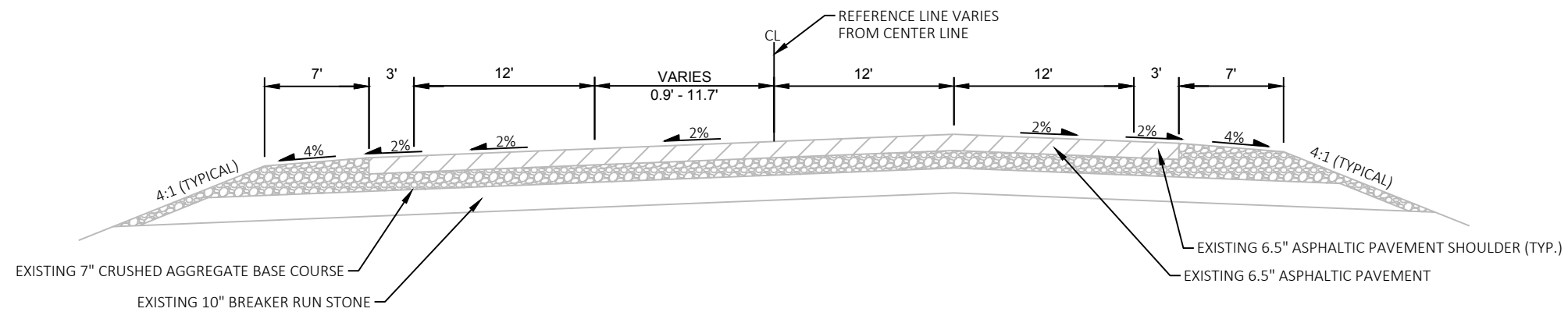
CITY OF OSHKOSH - SEWER
JAMES RABE
215 CHURCH STREET
P.O. BOX 1130
OSHKOSH, WI 54903-1130
(920) 236-5065
JRABE@CI.OSHKOSH.WI.US

CITY OF OSHKOSH - WATER
JAMES RABE
215 CHURCH STREET
P.O. BOX 1130
OSHKOSH, WI 54903-1130
(920) 236-5065
JRABE@CI.OSHKOSH.WI.US

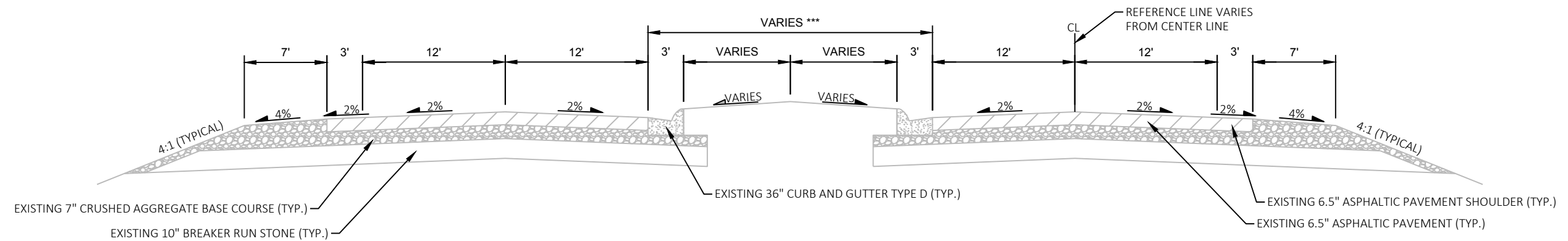


PROJECT NO: 1110-13-71	HWY: STH 26	COUNTY: WINNEBAGO	PROJECT OVERVIEW	SHEET 3	E
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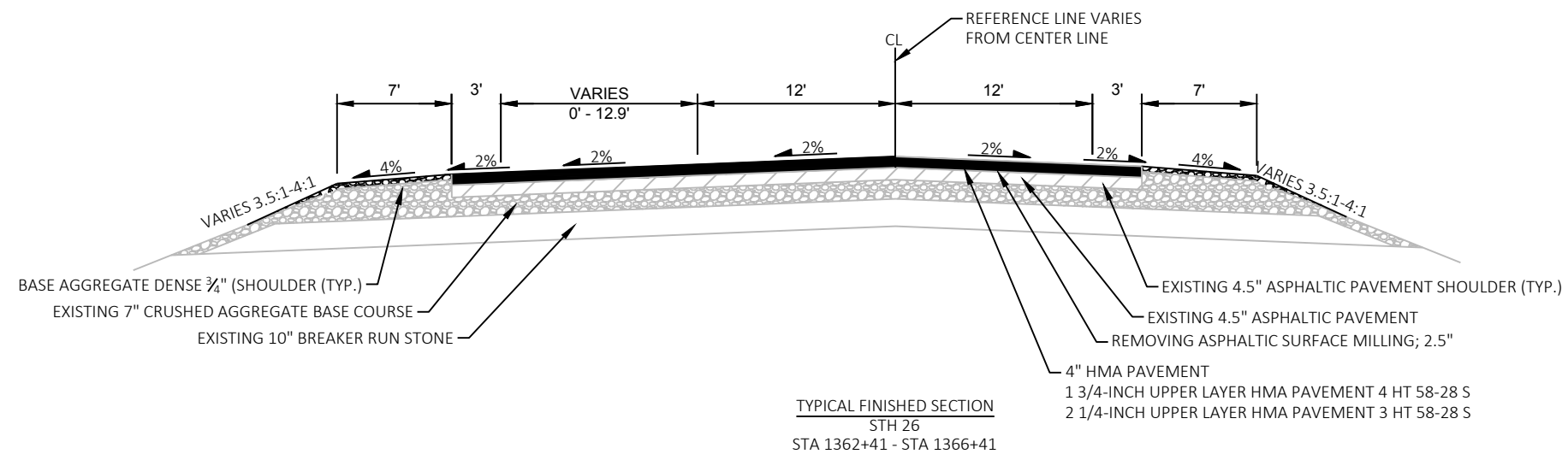
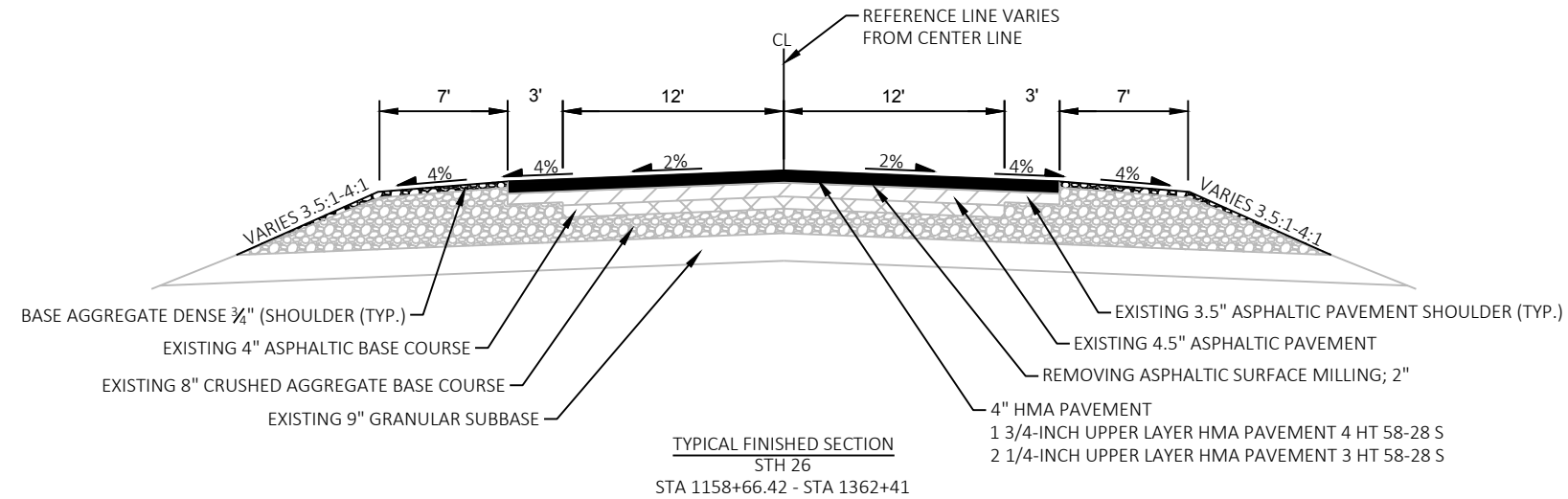


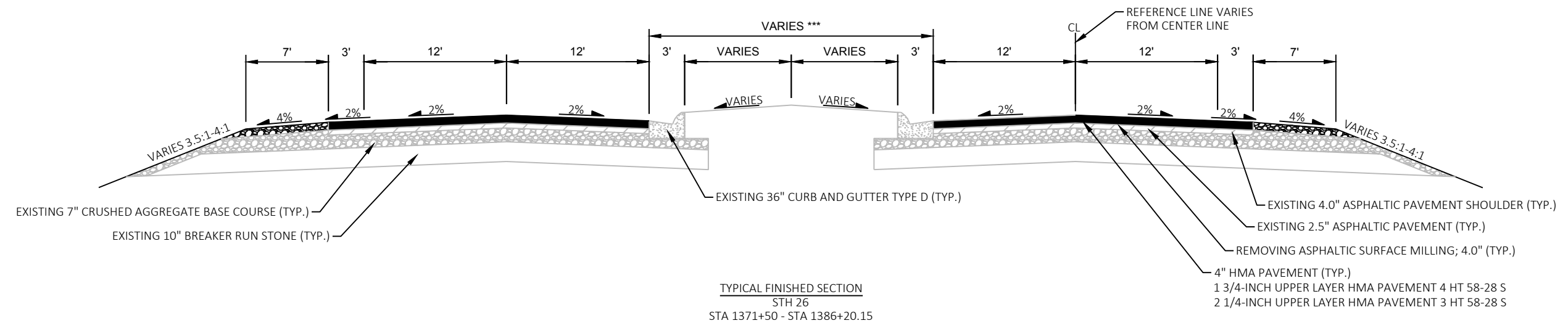
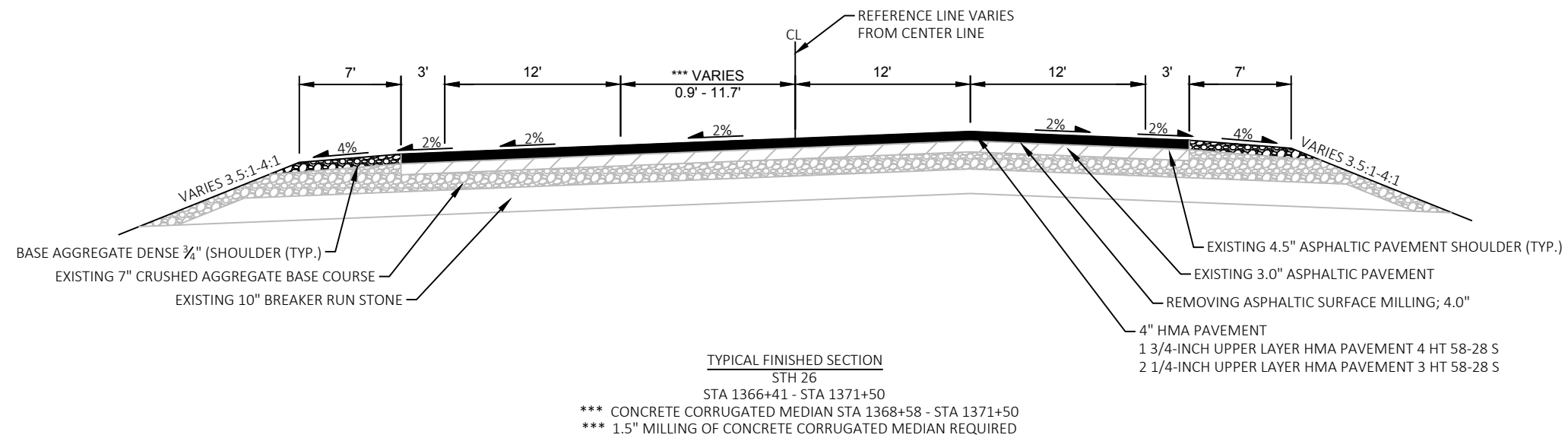


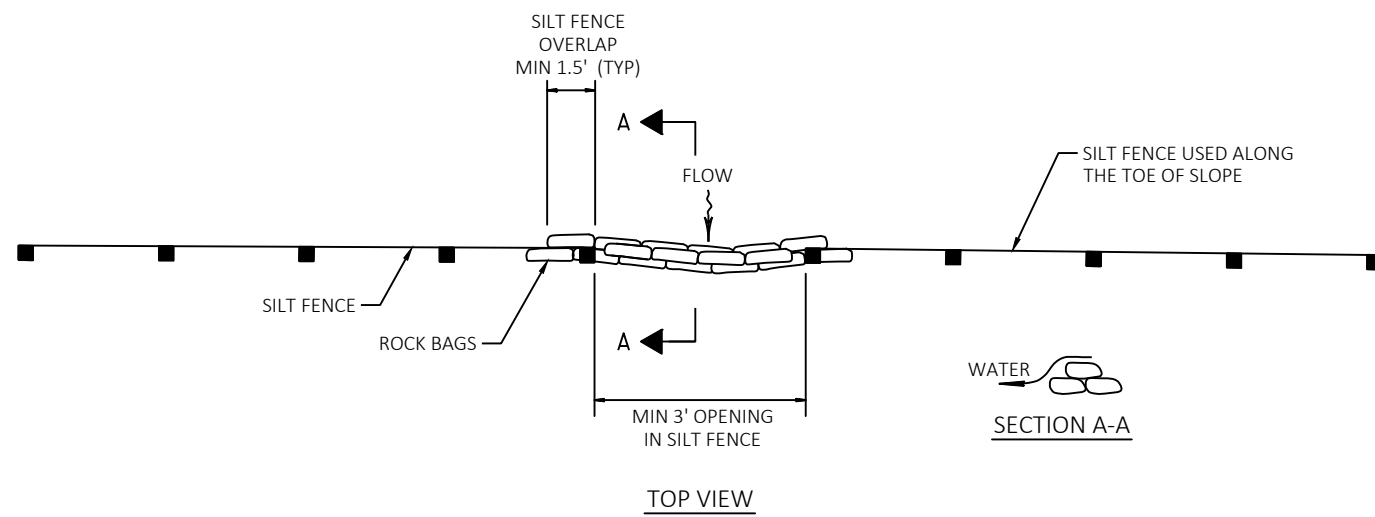
TYPICAL EXISTING SECTION
STH 26
STA 1366+41 - STA 1368+58



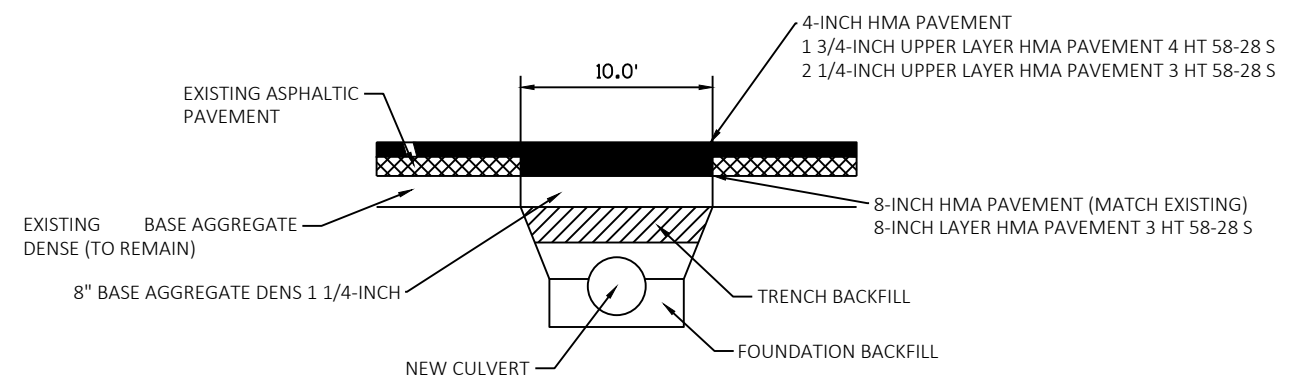
TYPICAL EXISTING SECTION
STH 26
STA 1368+58 - STA 1386+20.15
*** CONCRETE CORRUGATED MEDIAN STA 1368+58 - STA 1371+50





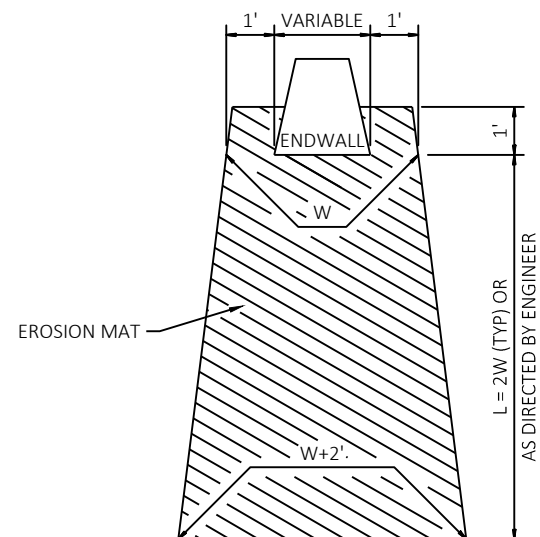


ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL

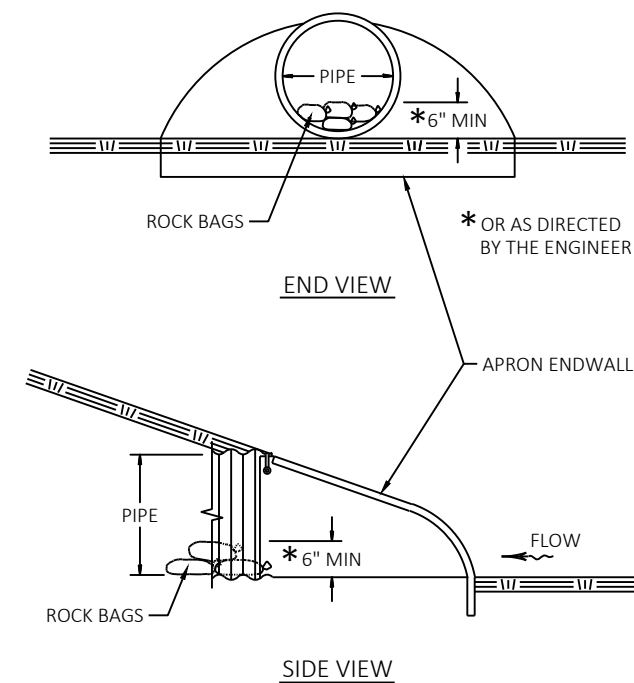


NOTE:
REFER TO SECTION 520
FOR PIPE INSTALLATION

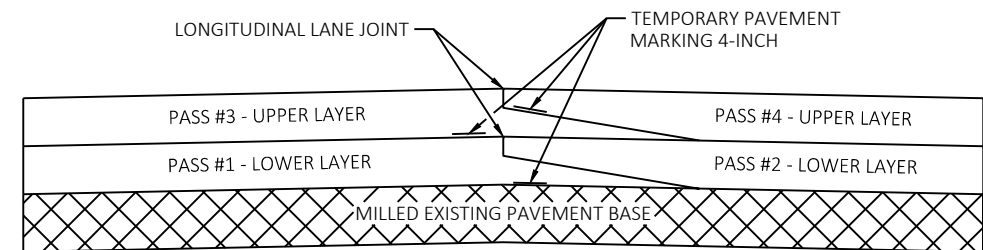
PAVEMENT AT CULVERT REPLACEMENTS



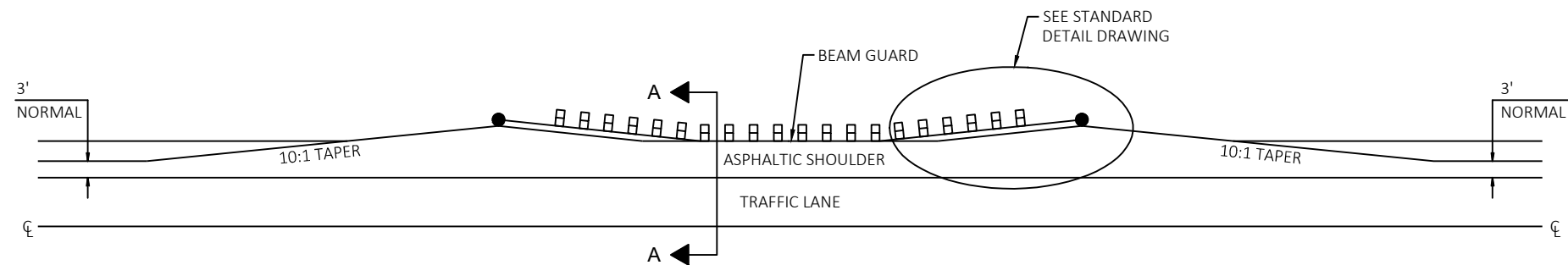
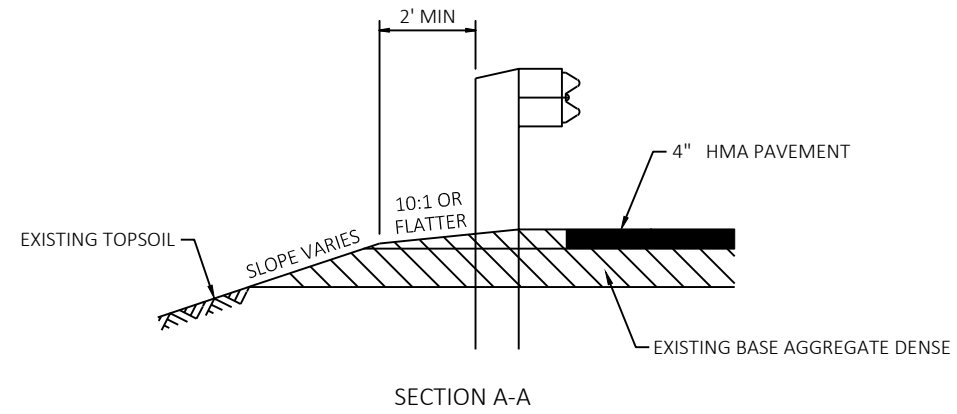
EROSION MAT TREATMENT AT CULVERTS



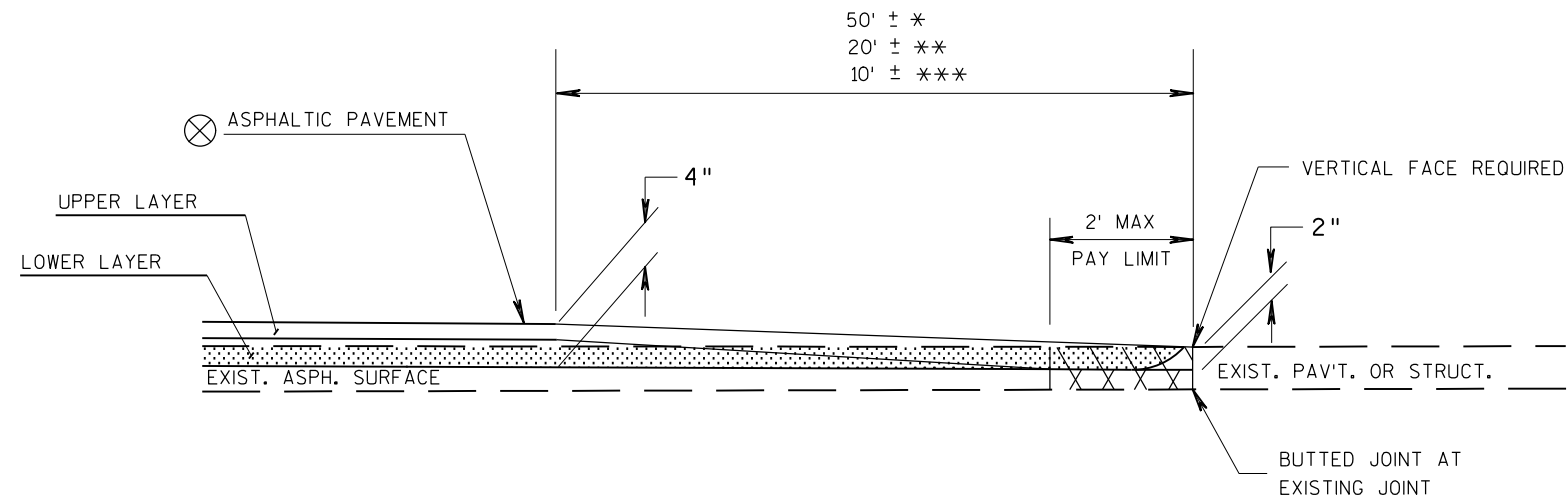
CULVERT PIPE CHECKS



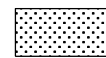
PAVEMENT MARKING DETAIL FOR TAPERED OVERLAPPING JOINTS IN HMA PAVEMENTS



DETAIL FOR ASPHALTIC SHOULDER AT BEAM GUARD



⊗ SEE TYPICAL CROSS SECTION
FOR THICKNESS OF
INDIVIDUAL LAYERS



REMOVING ASPHALTIC SURFACE, MILLING



REMOVING ASPHALTIC SURFACE, BUTT JOINTS (FULL DEPTH REMOVAL OPTIONAL)

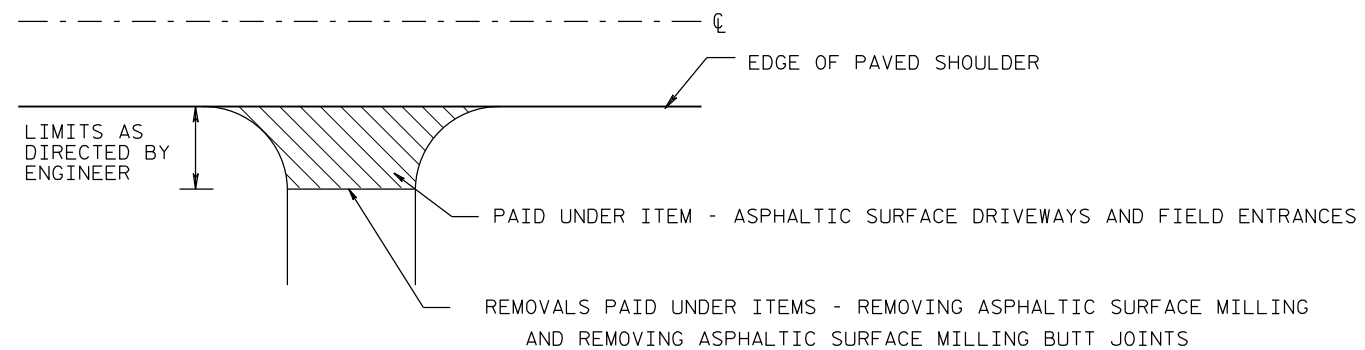


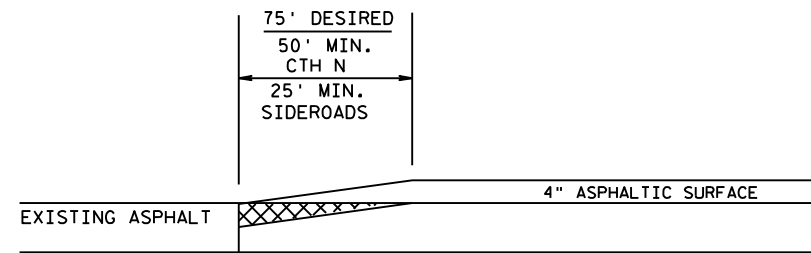
ASPHALTIC WEDGING (FULL DEPTH REMOVAL OPTION)

BUTT JOINT DETAIL FOR MILLED ASPHALTIC PAVEMENTS

* MAINLINE
** SIDEROADS
*** PRIVATE ENTRANCES

RURAL DRIVEWAY DETAIL - ASPHALT





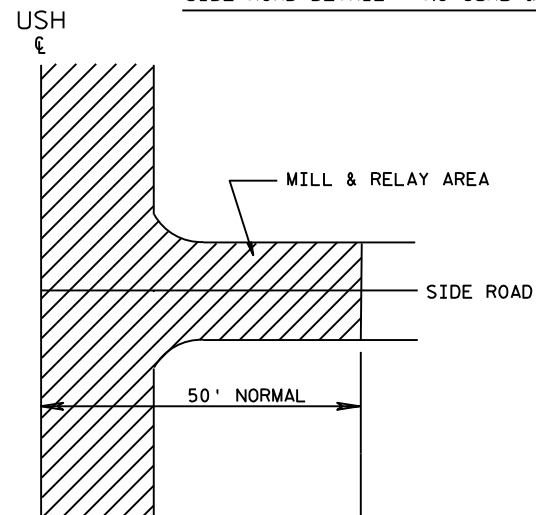
BUTT JOINT

PAID FOR AS REMOVING ASPHALTIC SURFACE BUTT JOINTS

REQUIRED AT BEGIN AND END PAVING LOCATIONS

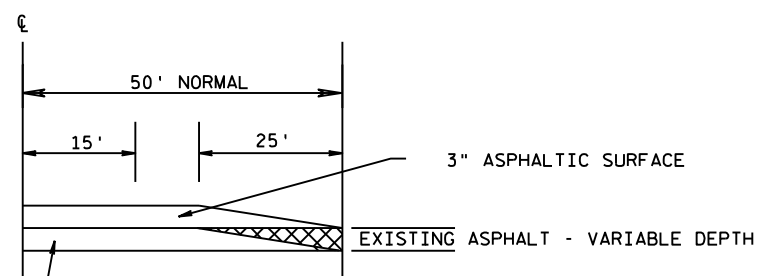
NOTE: ANY SAWCUT USED IN THIS OPERATION CONSIDERED INCIDENTAL TO THIS ITEM

SIDE ROAD DETAIL - NO CURB & GUTTER



NOTE: IF THE EXISTING SIDEROAD CONSISTS OF A BASE COURSE SURFACE, THE NEW ASPHALT SHALL BE PLACED TO THE ENDS OF THE EXISTING SIDEROAD RADIUS'.

NOT TO SCALE



REMOVE MATERIAL UNDER ITEM 'REMOVING ASPHALT SURFACE, BUTT JOINTS' MATERIAL SHALL NOT BE REMOVED UNDER THIS ITEM UNTIL 24 HOURS BEFORE SIDEROAD PAVING.

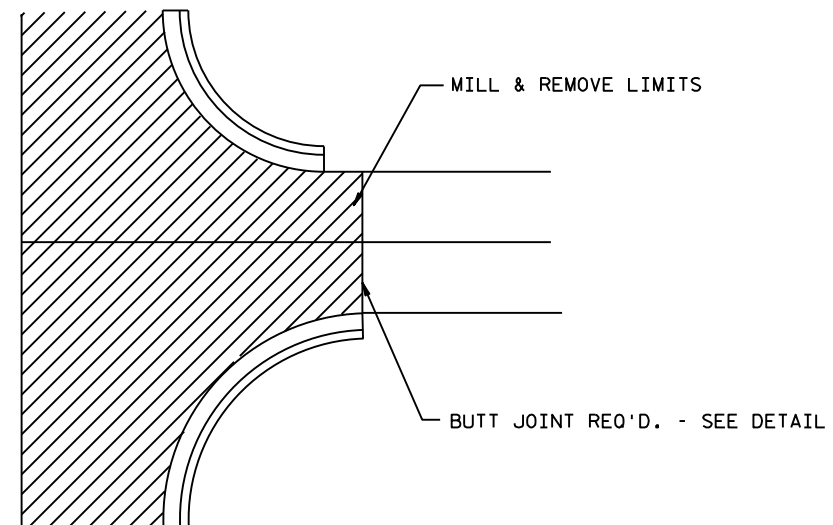
EXISTING PAVEMENT

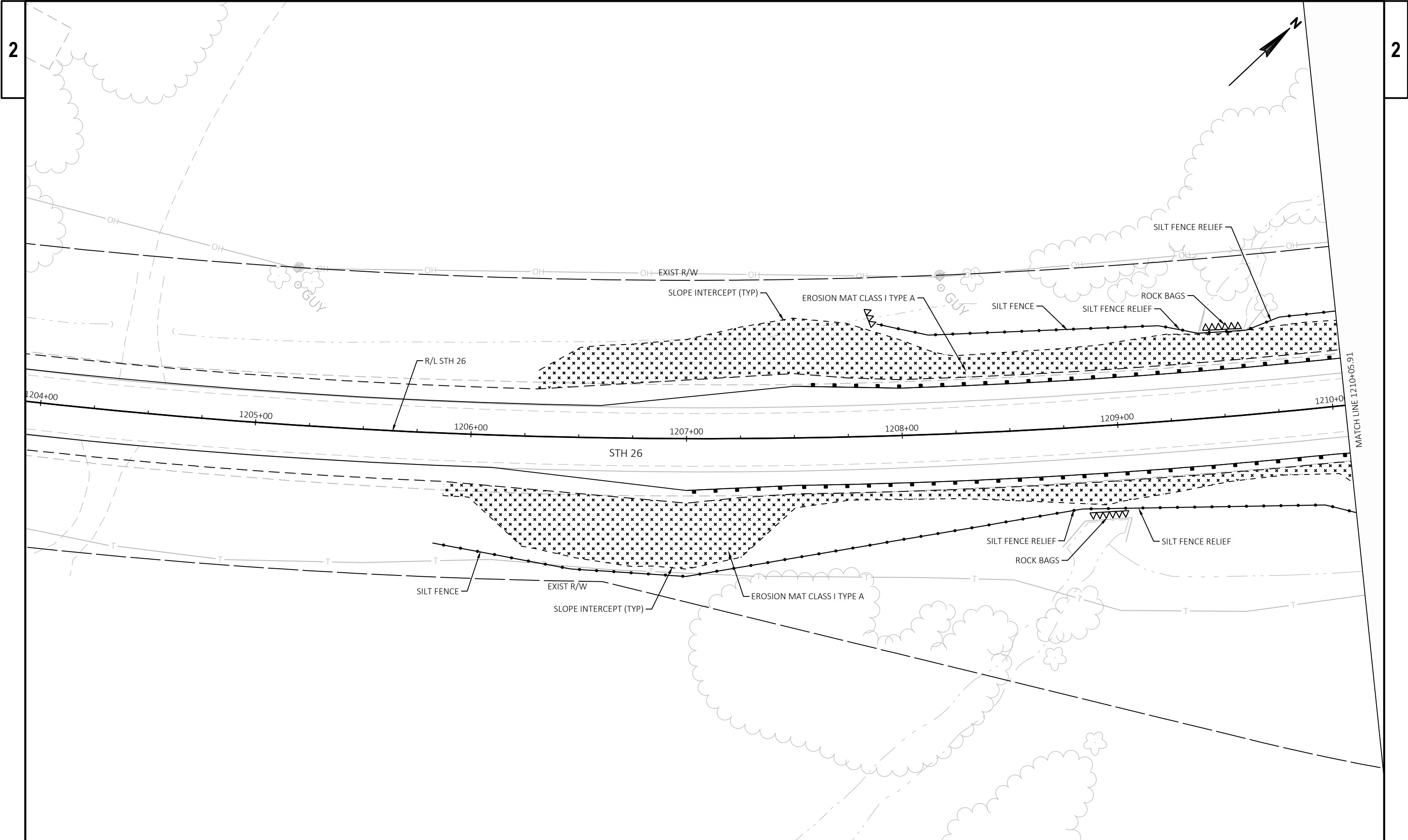
SIDEROAD PAVEMENT DEPTH SHALL MATCH AT MAINLINE PAVEMENT EDGE AND BE TAPERED TO 3" MINIMUM AT JOINT

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

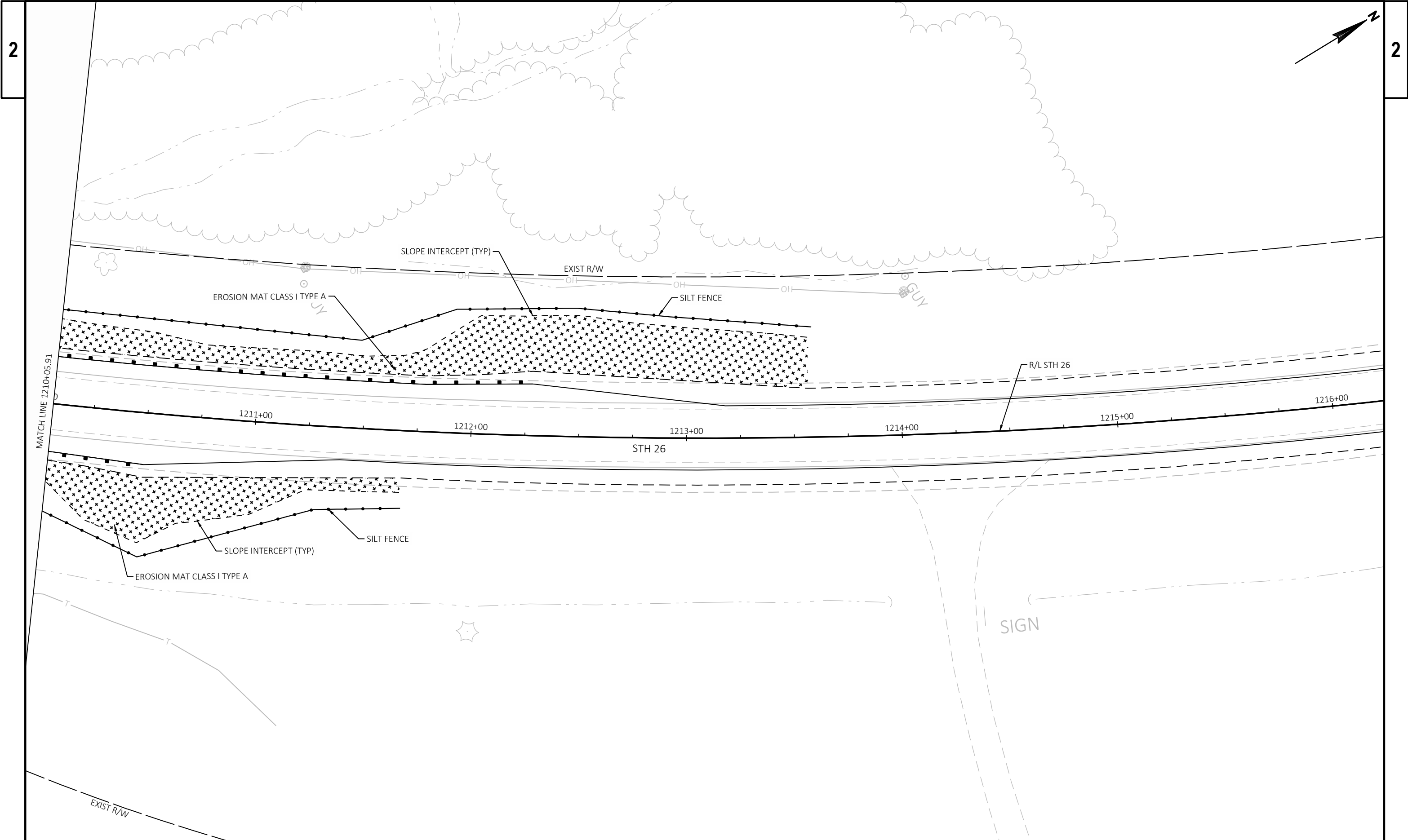
SIDEROAD DETAIL - CURB & GUTTER TO REMAIN

NOT TO SCALE

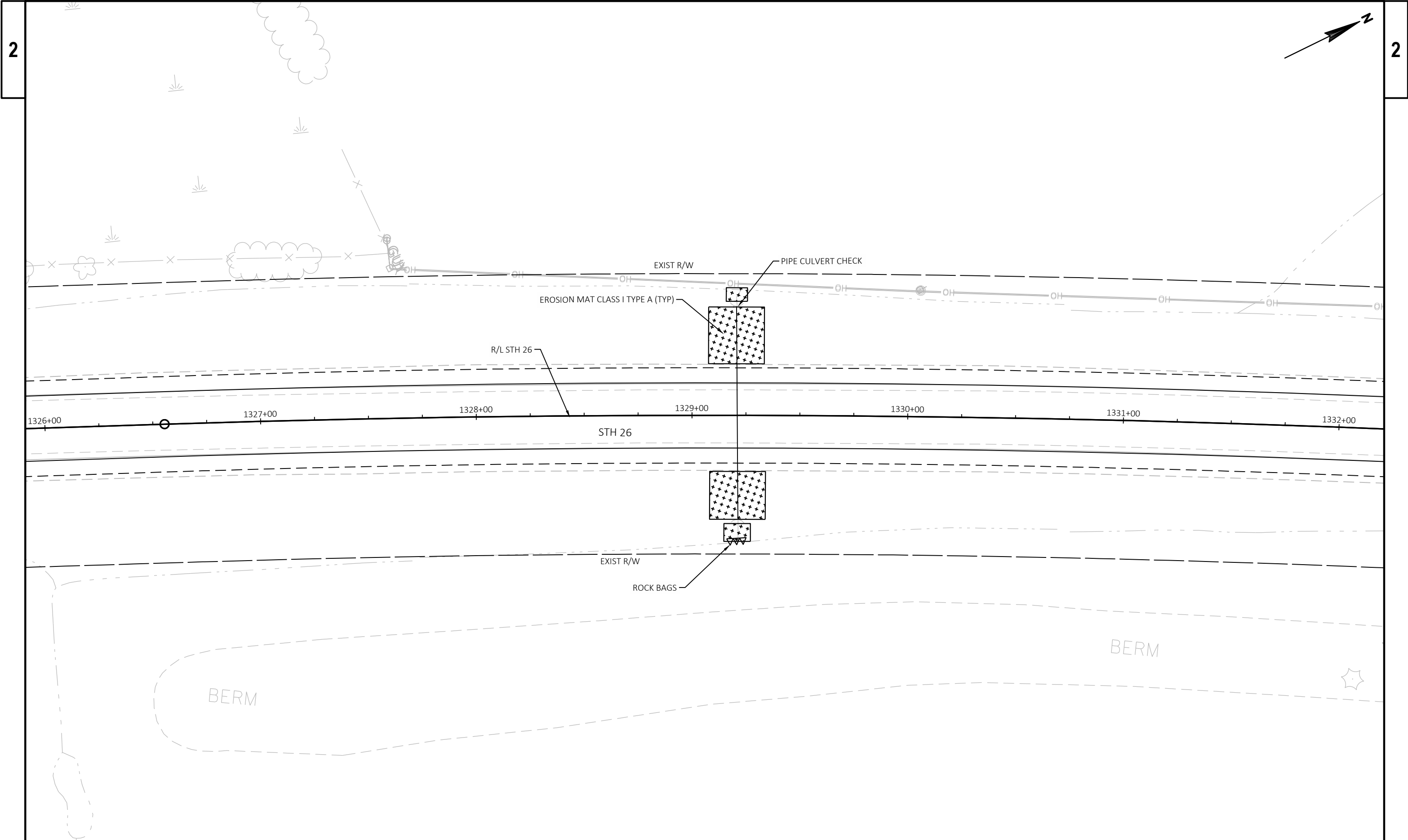




PROJECT NO: 1110-13-71	HWY: STH 26	COUNTY: WINNEBAGO	EROSION CONTROL	SHEET 12	E
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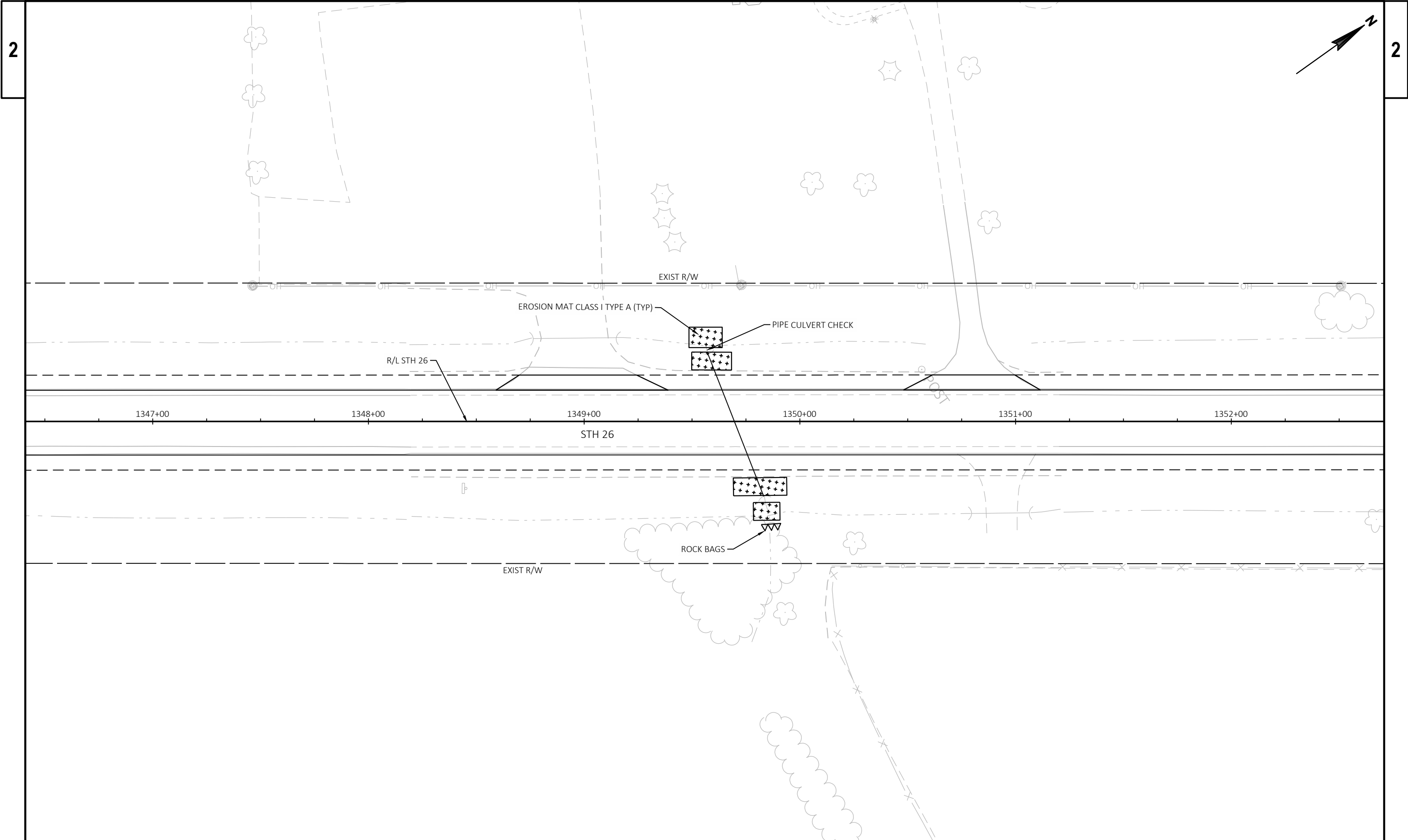
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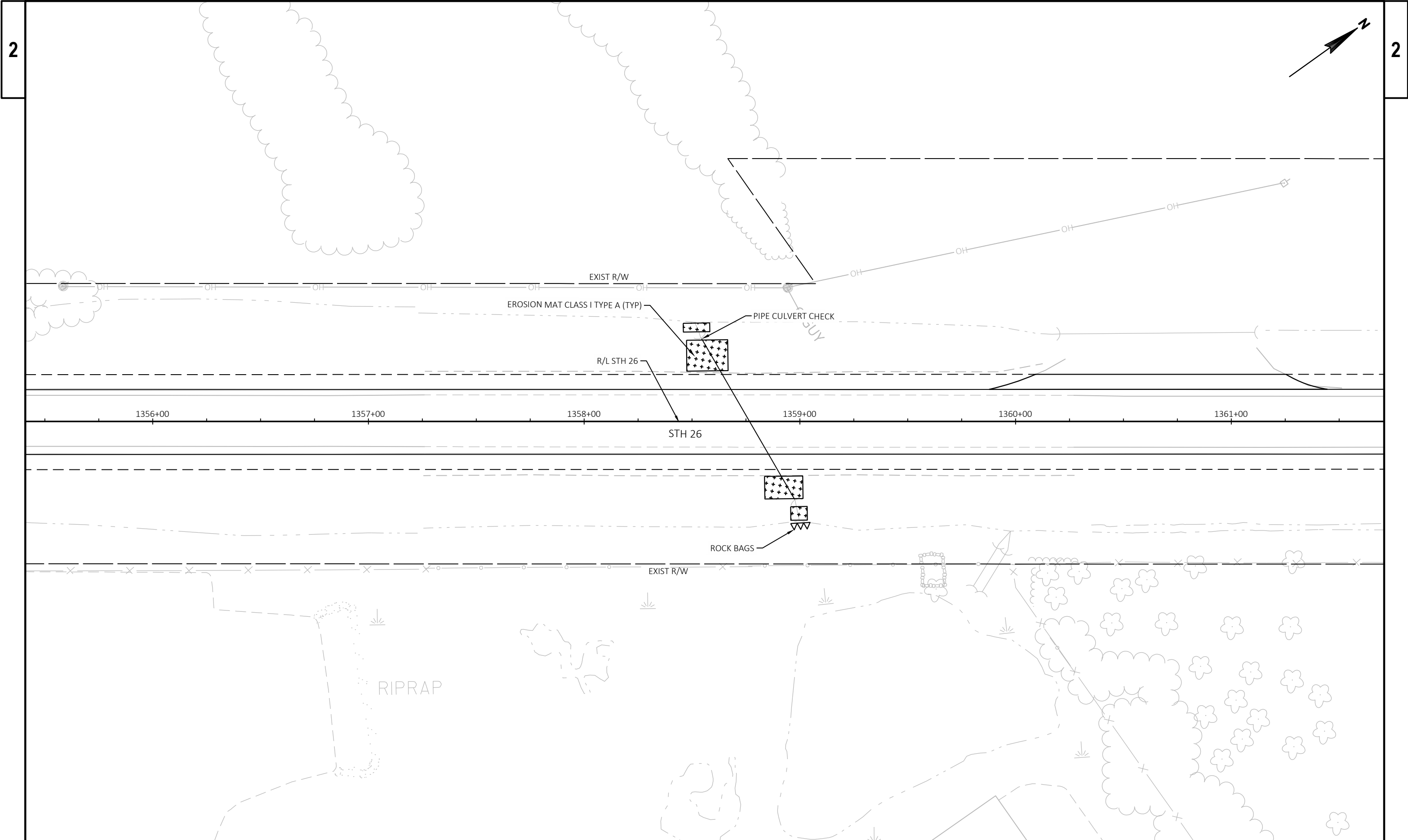


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PROJECT NO: 1110-13-71	HWY: STH 26	COUNTY: WINNEBAGO	EROSION CONTROL	SHEET 14	E
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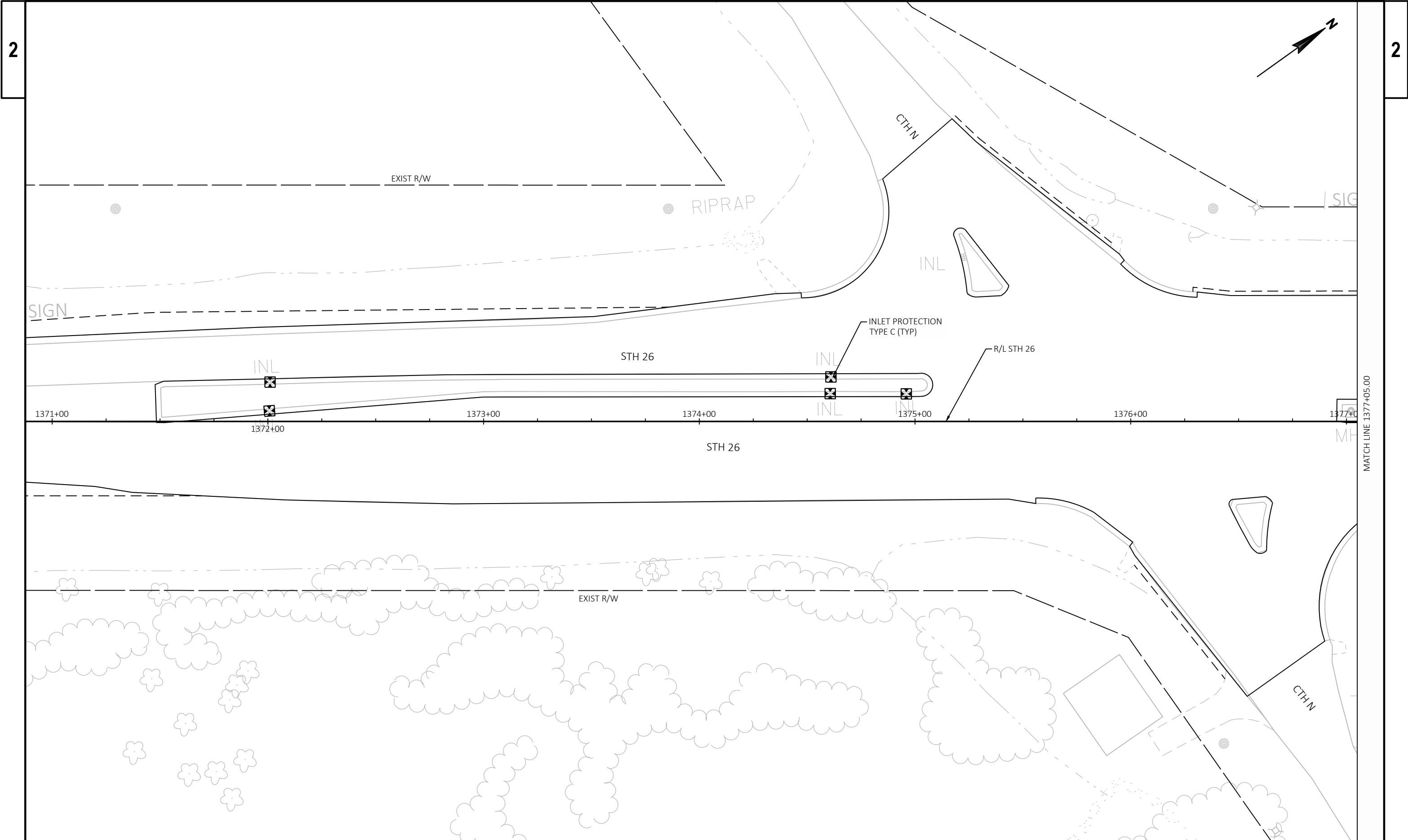


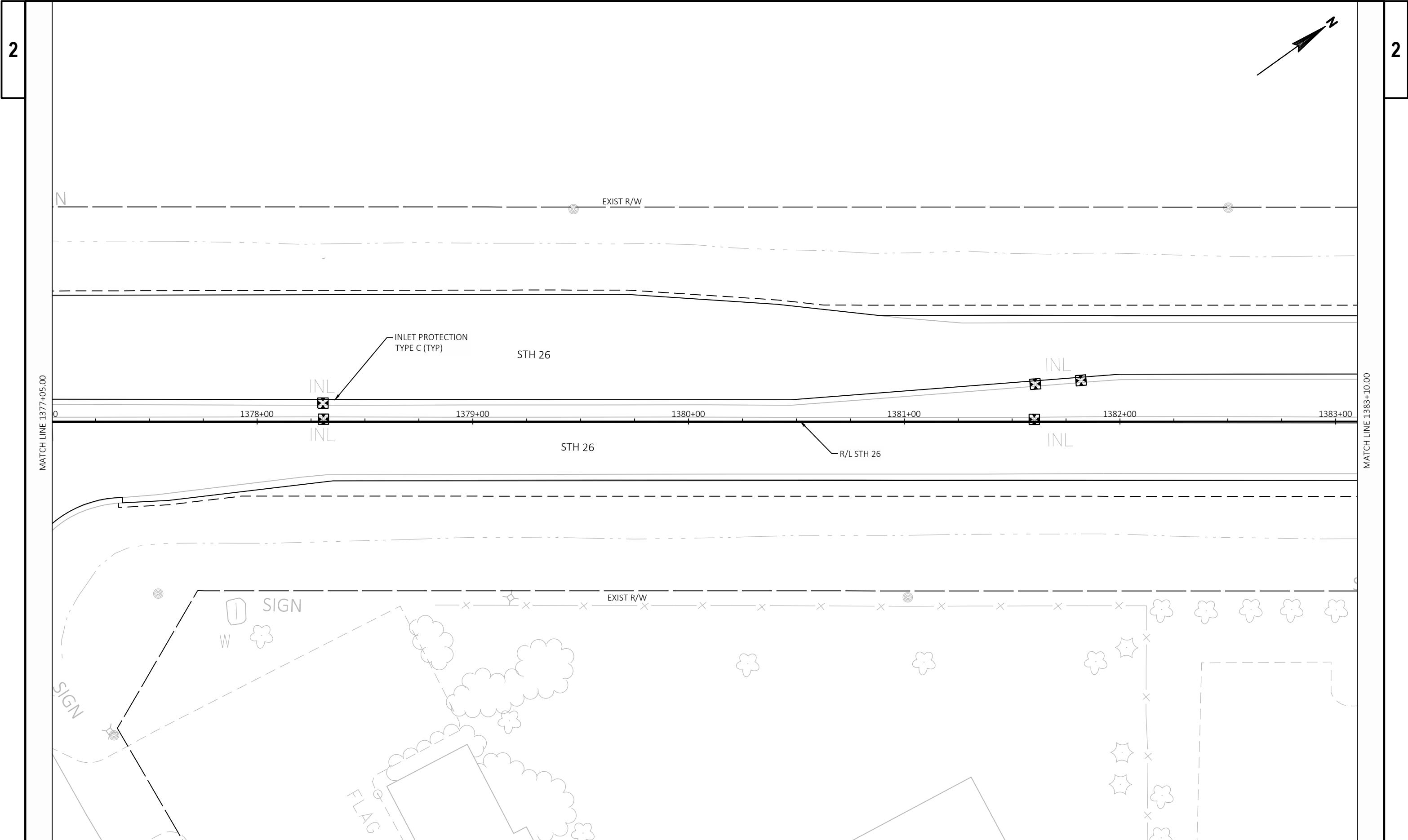


2

2

PROJECT NO: 1110-13-71	HWY: STH 26	COUNTY: WINNEBAGO	EROSION CONTROL	SHEET 16	E
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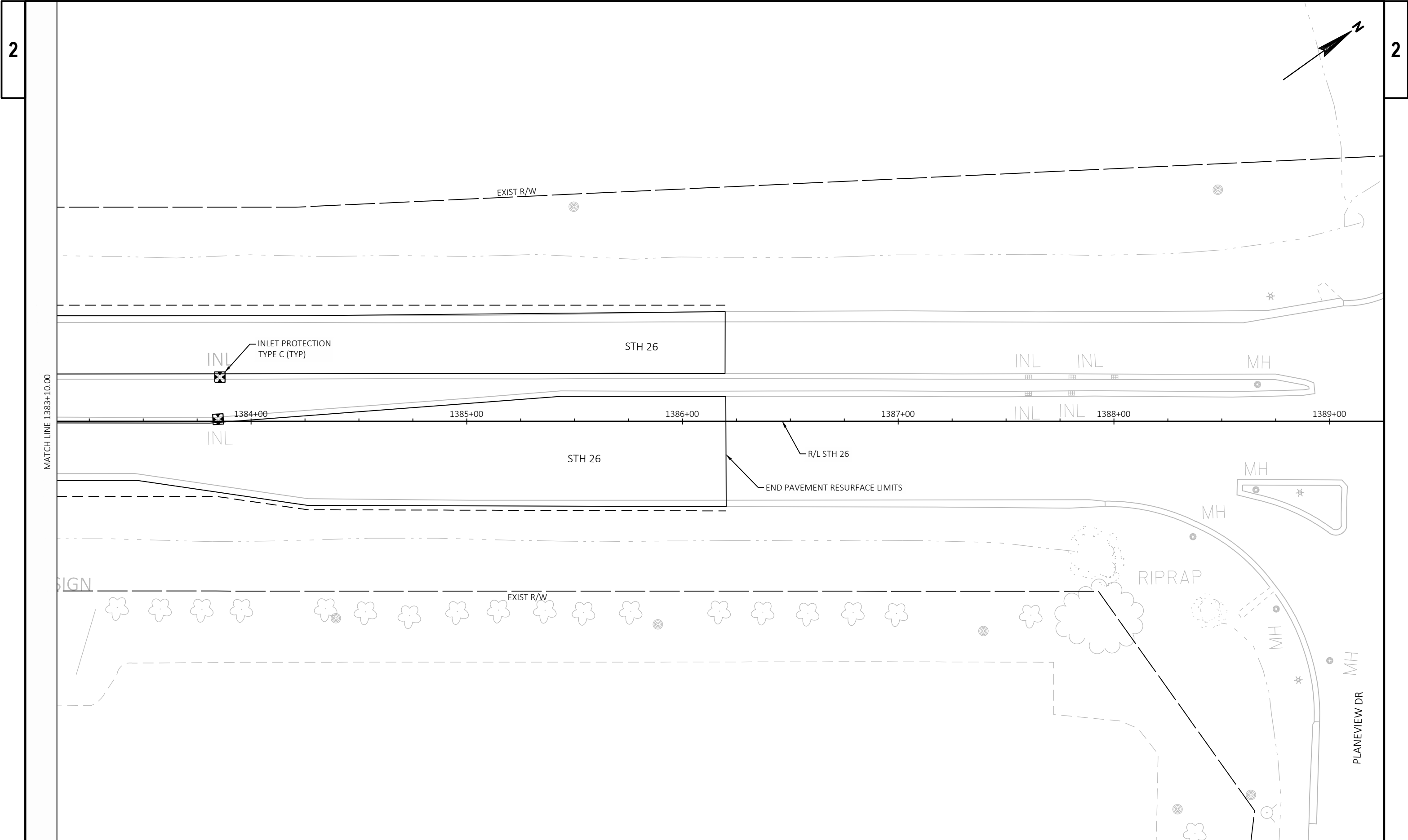




2

2

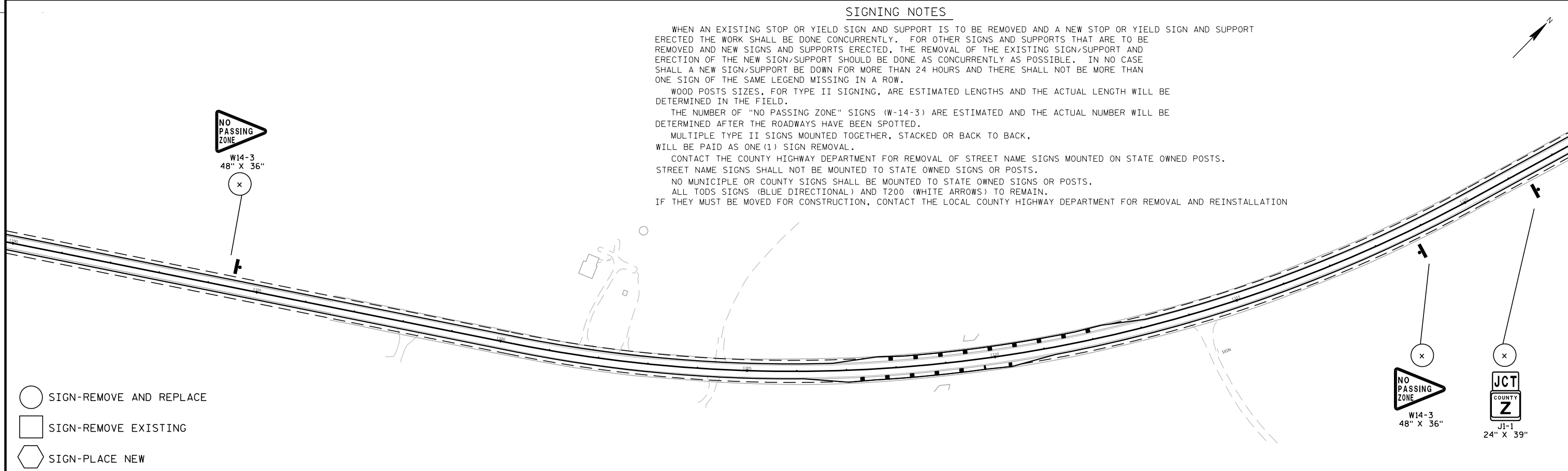
PROJECT NO: 1110-13-71	HWY: STH 26	COUNTY: WINNEBAGO	EROSION CONTROL	SHEET 18	E
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2

2

PROJECT NO: 1110-13-71	HWY: STH 26	COUNTY: WINNEBAGO	EROSION CONTROL	SHEET 19	E
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WHEN AN EXISTING STOP OR YIELD SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP OR YIELD SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.

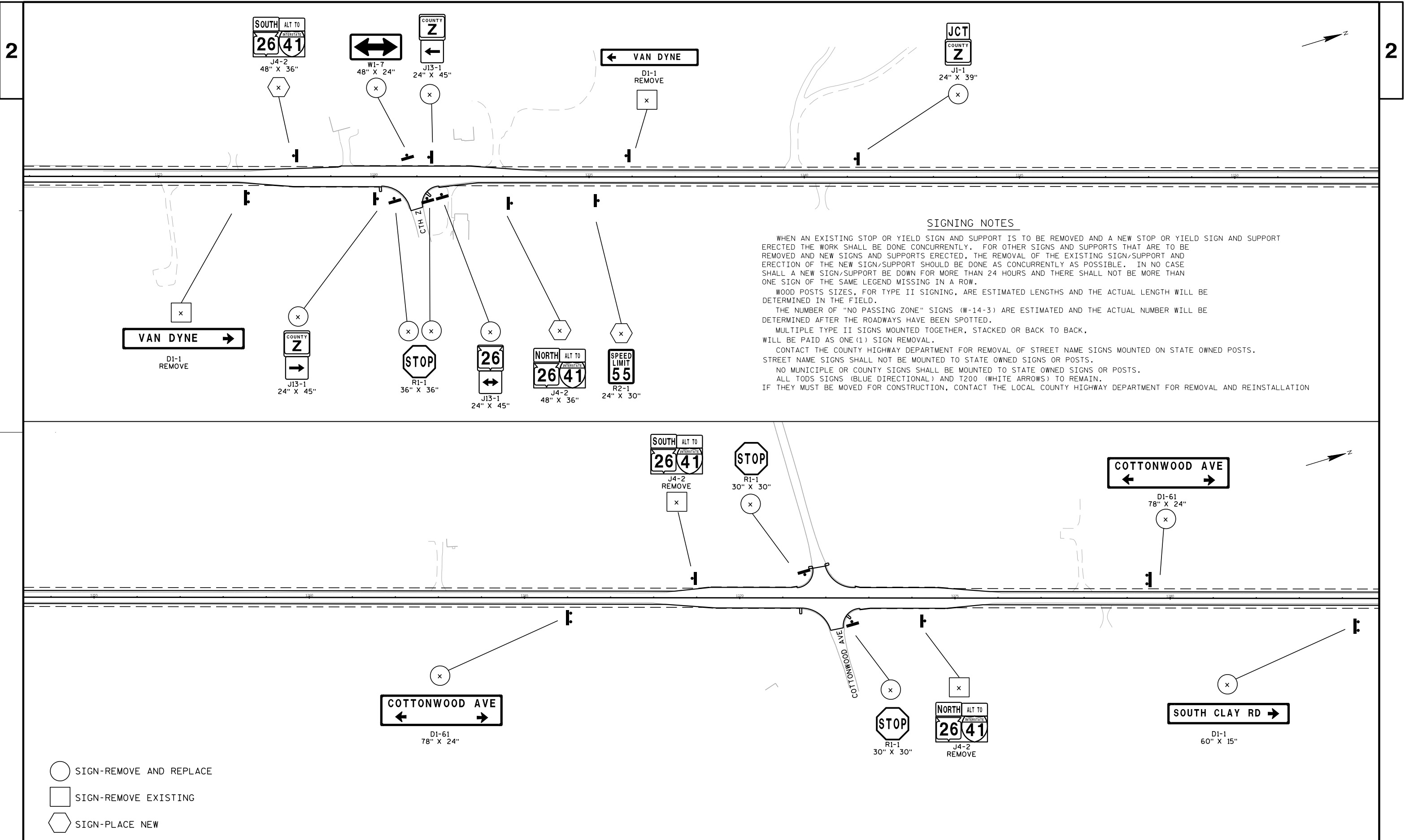
MULTIPLE TYPE II SIGNS MOUNTED TOGETHER, STACKED OR BACK TO BACK, WILL BE PAID AS ONE (1) SIGN REMOVAL.

CONTACT THE COUNTY HIGHWAY DEPARTMENT FOR REMOVAL OF STREET NAME SIGNS MOUNTED ON STATE OWNED POSTS. STREET NAME SIGNS SHALL NOT BE MOUNTED TO STATE OWNED SIGNS OR POSTS.

NO MUNICIPAL OR COUNTY SIGNS SHALL BE MOUNTED TO STATE OWNED SIGNS OR POSTS.
ALL TODS SIGNS (BLUE DIRECTIONAL) AND T200 (WHITE ARROWS) TO REMAIN.

IF THEY MUST BE MOVED FOR CONSTRUCTION, CONTACT THE LOCAL COUNTY HIGHWAY DEPARTMENT FOR REMOVAL AND REINSTALLATION

- WISDOT/CADDS SHEET 42



SIGNING NOTES

WHEN AN EXISTING STOP OR YIELD SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP OR YIELD SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.

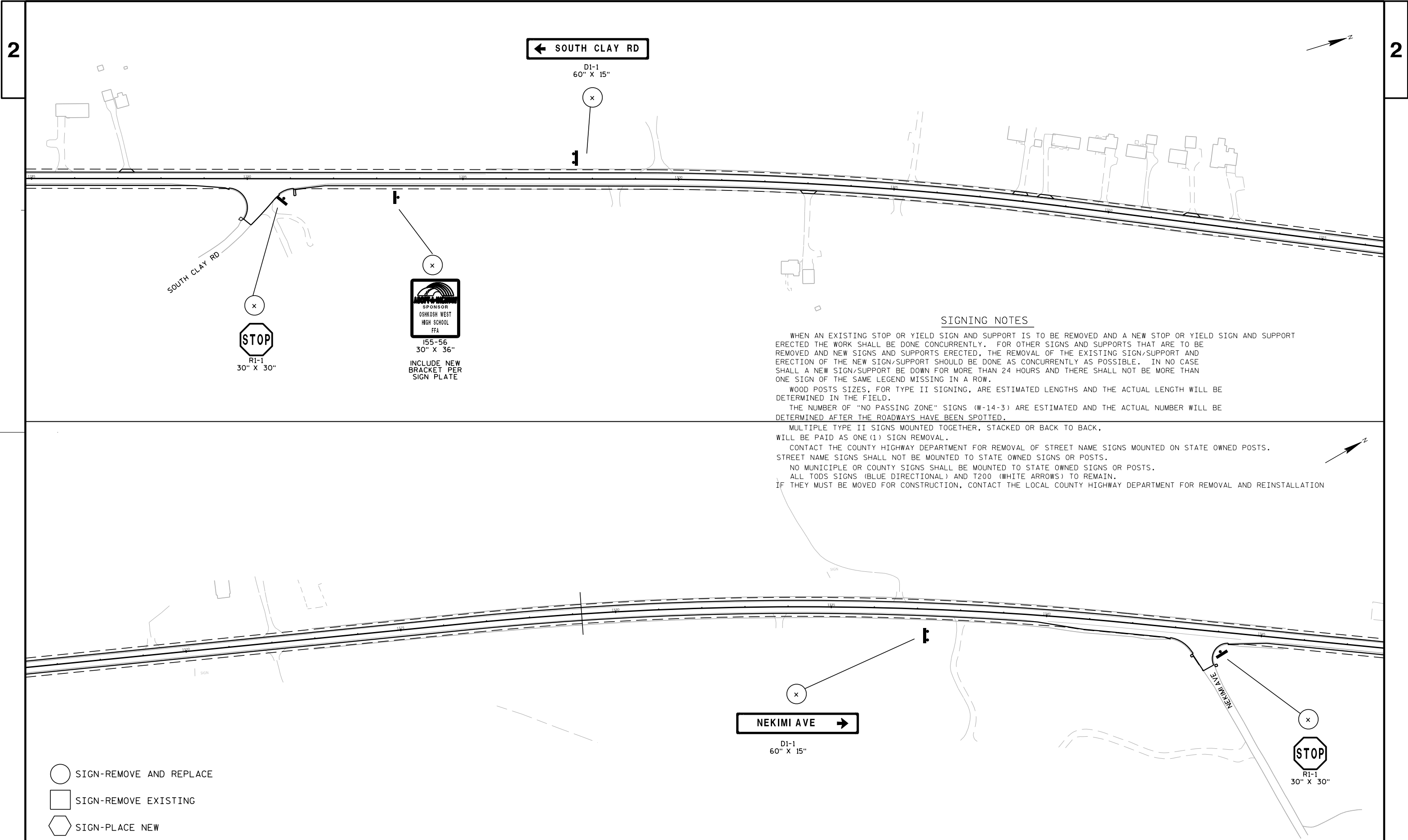
MULTIPLE TYPE II SIGNS MOUNTED TOGETHER, STACKED OR BACK TO BACK, WILL BE PAID AS ONE (1) SIGN REMOVAL.

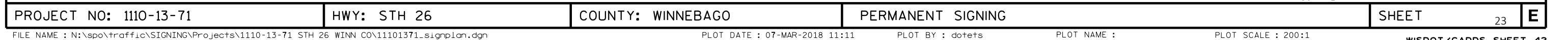
CONTACT THE COUNTY HIGHWAY DEPARTMENT FOR REMOVAL OF STREET NAME SIGNS MOUNTED ON STATE OWNED POSTS. STREET NAME SIGNS SHALL NOT BE MOUNTED TO STATE OWNED SIGNS OR POSTS.

NO MUNICIPAL OR COUNTY SIGNS SHALL BE MOUNTED TO STATE OWNED SIGNS OR POSTS.

ALL TODS SIGNS (BLUE DIRECTIONAL) AND T200 (WHITE ARROWS) TO REMAIN.

IF THEY MUST BE MOVED FOR CONSTRUCTION, CONTACT THE LOCAL COUNTY HIGHWAY DEPARTMENT FOR REMOVAL AND REINSTALLATION





SIGNING NOTES

WHEN AN EXISTING STOP OR YIELD SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP OR YIELD SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

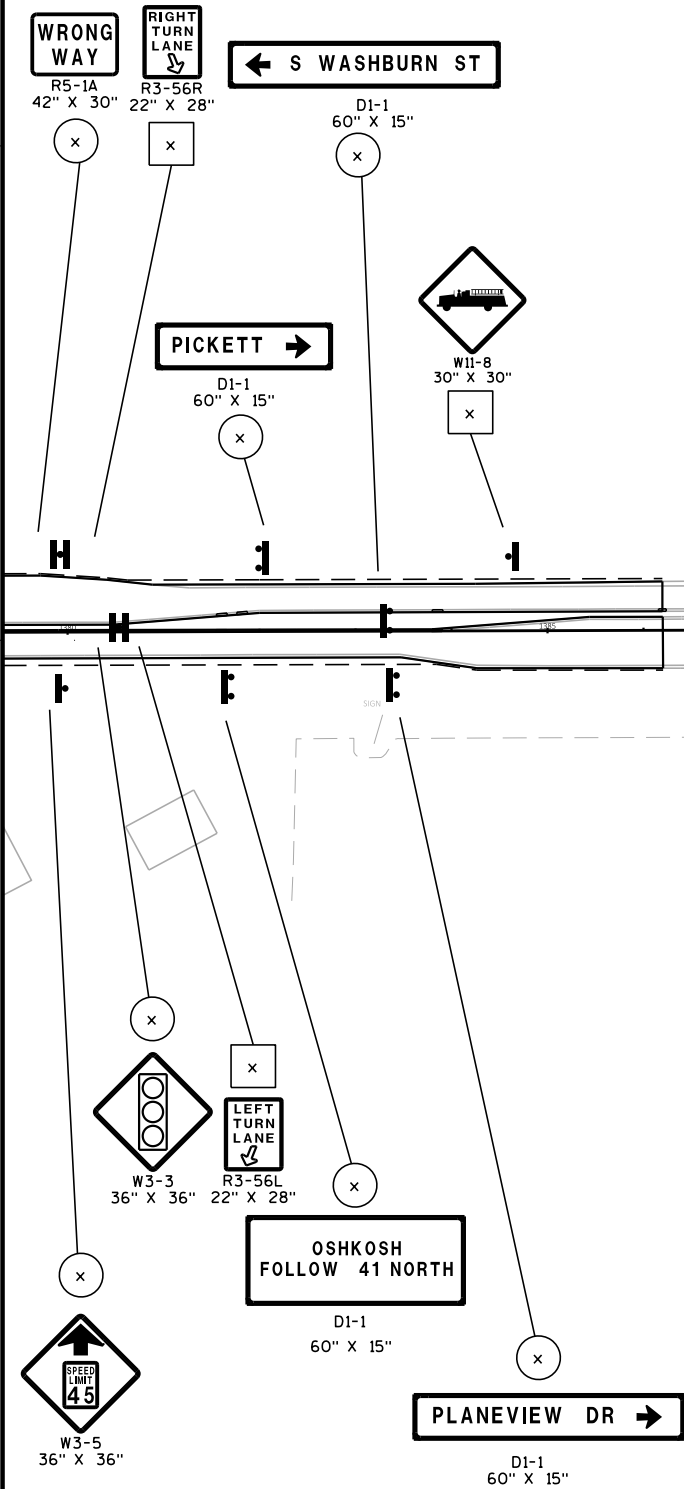
THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.

MULTIPLE TYPE II SIGNS MOUNTED TOGETHER, STACKED OR BACK TO BACK, WILL BE PAID AS ONE (1) SIGN REMOVAL.

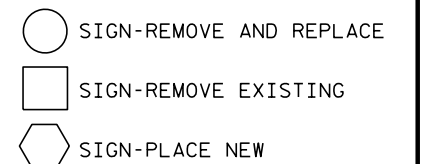
CONTACT THE COUNTY HIGHWAY DEPARTMENT FOR REMOVAL OF STREET NAME SIGNS MOUNTED ON STATE OWNED POSTS. STREET NAME SIGNS SHALL NOT BE MOUNTED TO STATE OWNED SIGNS OR POSTS.

NO MUNICIPLE OR COUNTY SIGNS SHALL BE MOUNTED TO STATE OWNED SIGNS OR POSTS.

ALL TODS SIGNS (BLUE DIRECTIONAL) AND T200 (WHITE ARROWS) TO REMAIN. IF THEY MUST BE MOVED FOR CONSTRUCTION, CONTACT THE LOCAL COUNTY HIGHWAY DEPARTMENT FOR REMOVAL AND REINSTALLATION



-  SIGN-REMOVE AND REPLACE
-  SIGN-REMOVE EXISTING
-  SIGN-PLACE NEW



SIGNING NOTES

WHEN AN EXISTING STOP OR YIELD SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP OR YIELD SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.

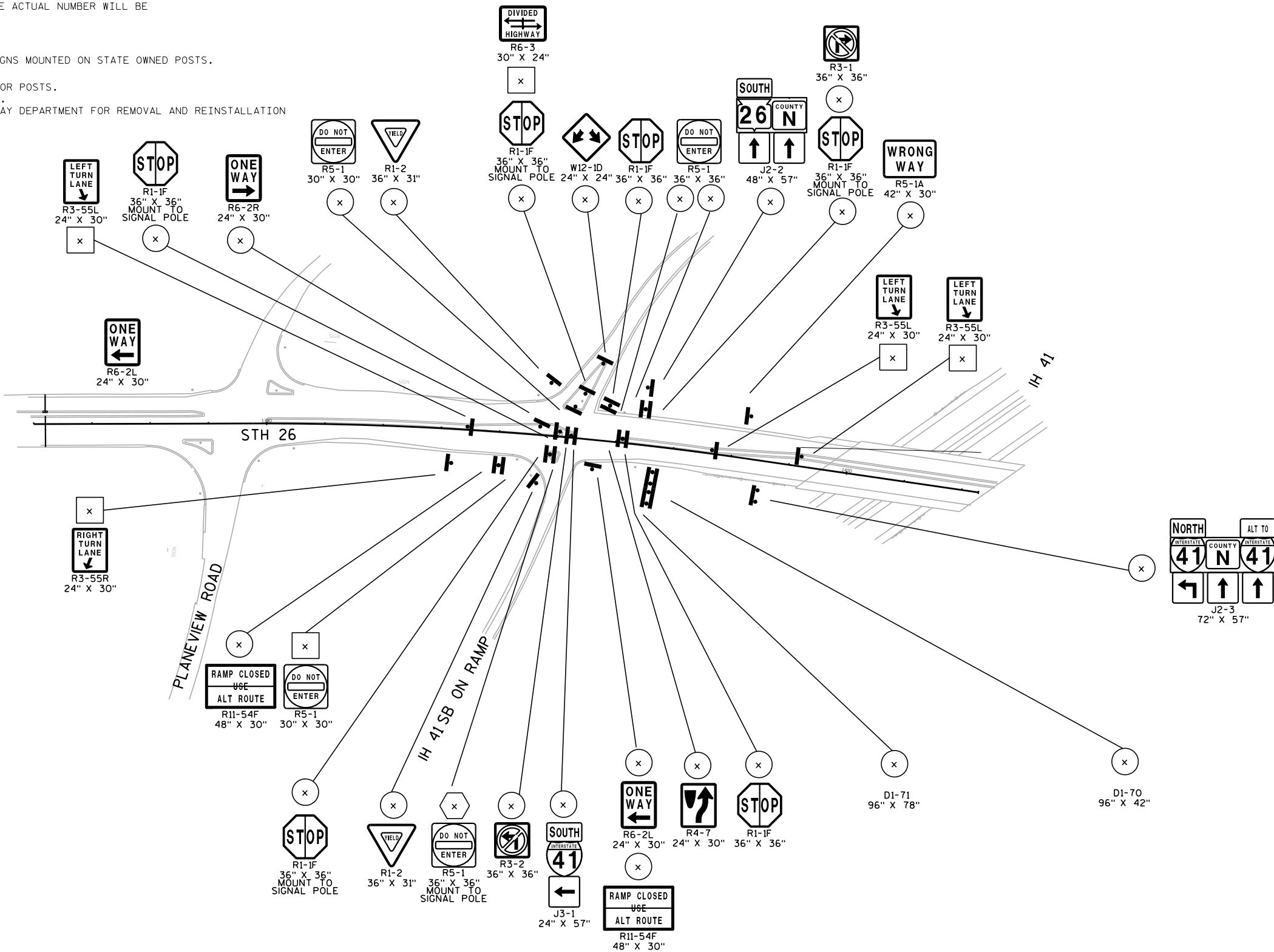
MULTIPLE TYPE II SIGNS MOUNTED TOGETHER, STACKED OR BACK TO BACK, WILL BE PAID AS ONE(1) SIGN REMOVAL.

CONTACT THE COUNTY HIGHWAY DEPARTMENT FOR REMOVAL OF STREET NAME SIGNS MOUNTED ON STATE OWNED POSTS. STREET NAME SIGNS SHALL NOT BE MOUNTED TO STATE OWNED SIGNS OR POSTS.

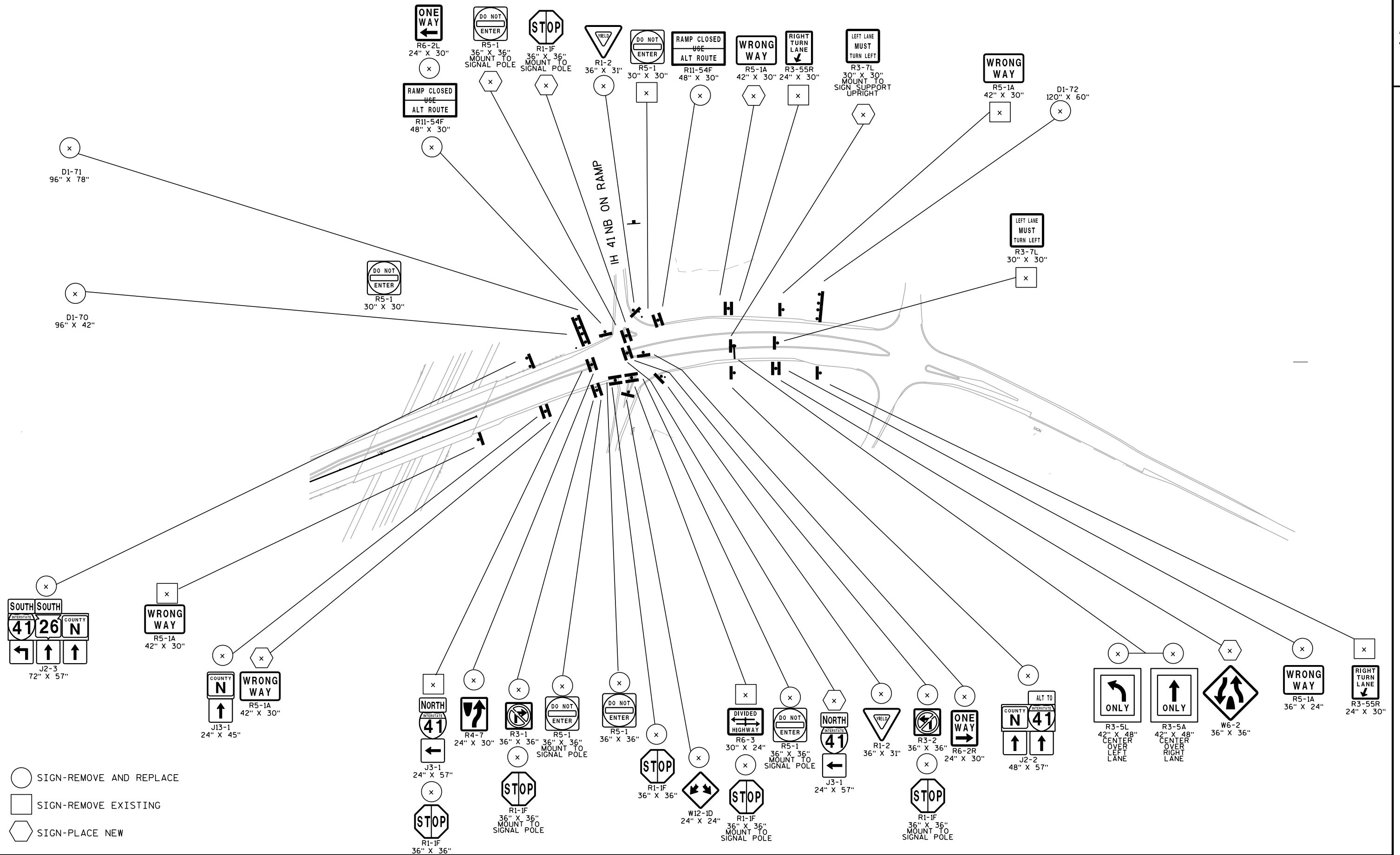
NO MUNICIPLE OR COUNTY SIGNS SHALL BE MOUNTED TO STATE OWNED SIGNS OR POSTS.

ALL TODS SIGNS (BLUE DIRECTIONAL) AND T200 (WHITE ARROWS) TO REMAIN.

IF THEY MUST BE MOVED FOR CONSTRUCTION, CONTACT THE LOCAL COUNTY HIGHWAY DEPARTMENT FOR REMOVAL AND REINSTALLATION



- SIGN-REMOVE AND REPLACE
- SIGN-REMOVE EXISTING
- SIGN-PLACE NEW



PROJECT NO: 1110-13-71

HWY: STH 26

COUNTY: WINNEBAGO

PERMANENT SIGNING

SHEET

27

E

SIGNING NOTES

WHEN AN EXISTING STOP OR YIELD SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP OR YIELD SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.

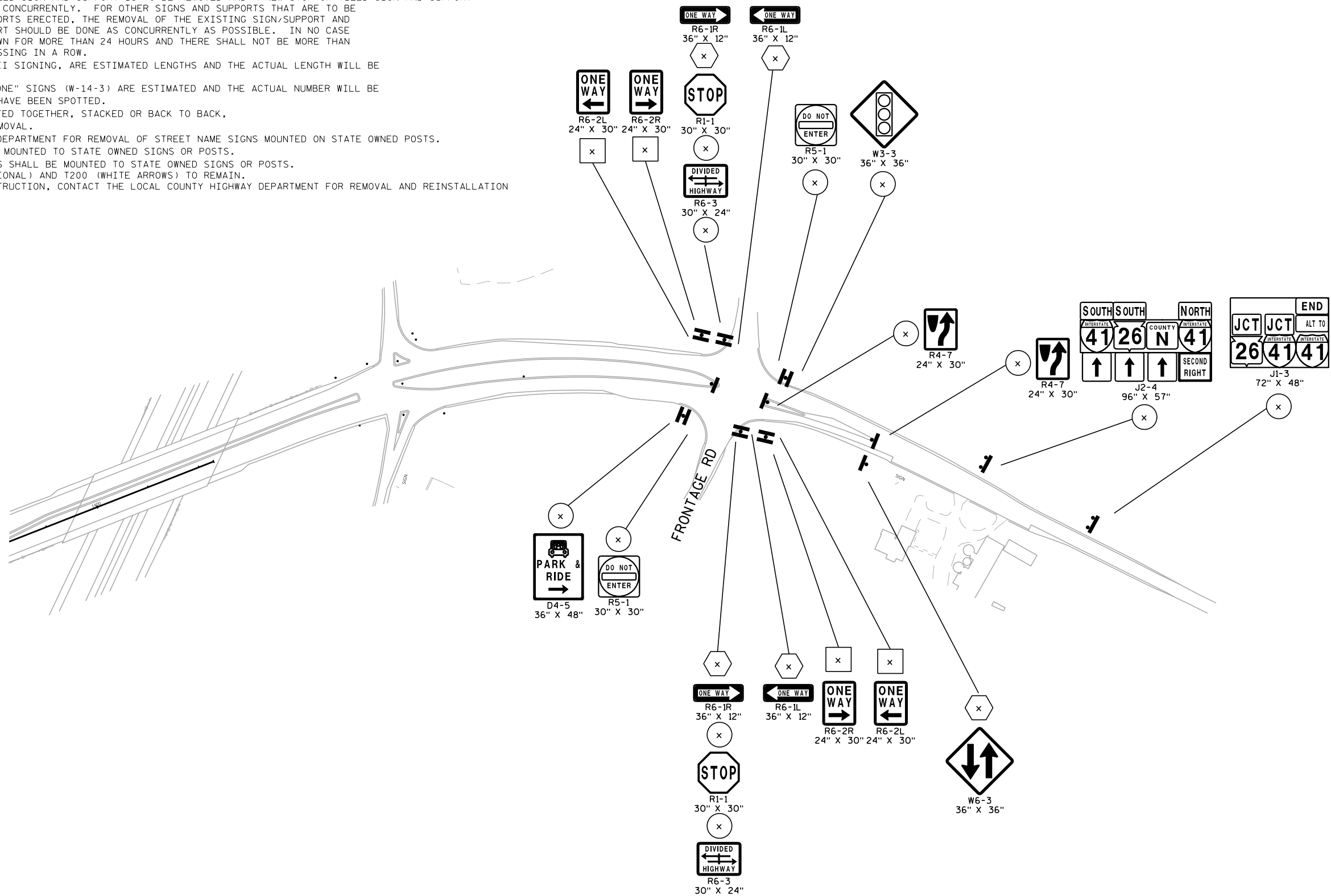
MULTIPLE TYPE II SIGNS MOUNTED TOGETHER, STACKED OR BACK TO BACK, WILL BE PAID AS ONE (1) SIGN REMOVAL.

CONTACT THE COUNTY HIGHWAY DEPARTMENT FOR REMOVAL OF STREET NAME SIGNS MOUNTED ON STATE OWNED POSTS. STREET NAME SIGNS SHALL NOT BE MOUNTED TO STATE OWNED SIGNS OR POSTS.

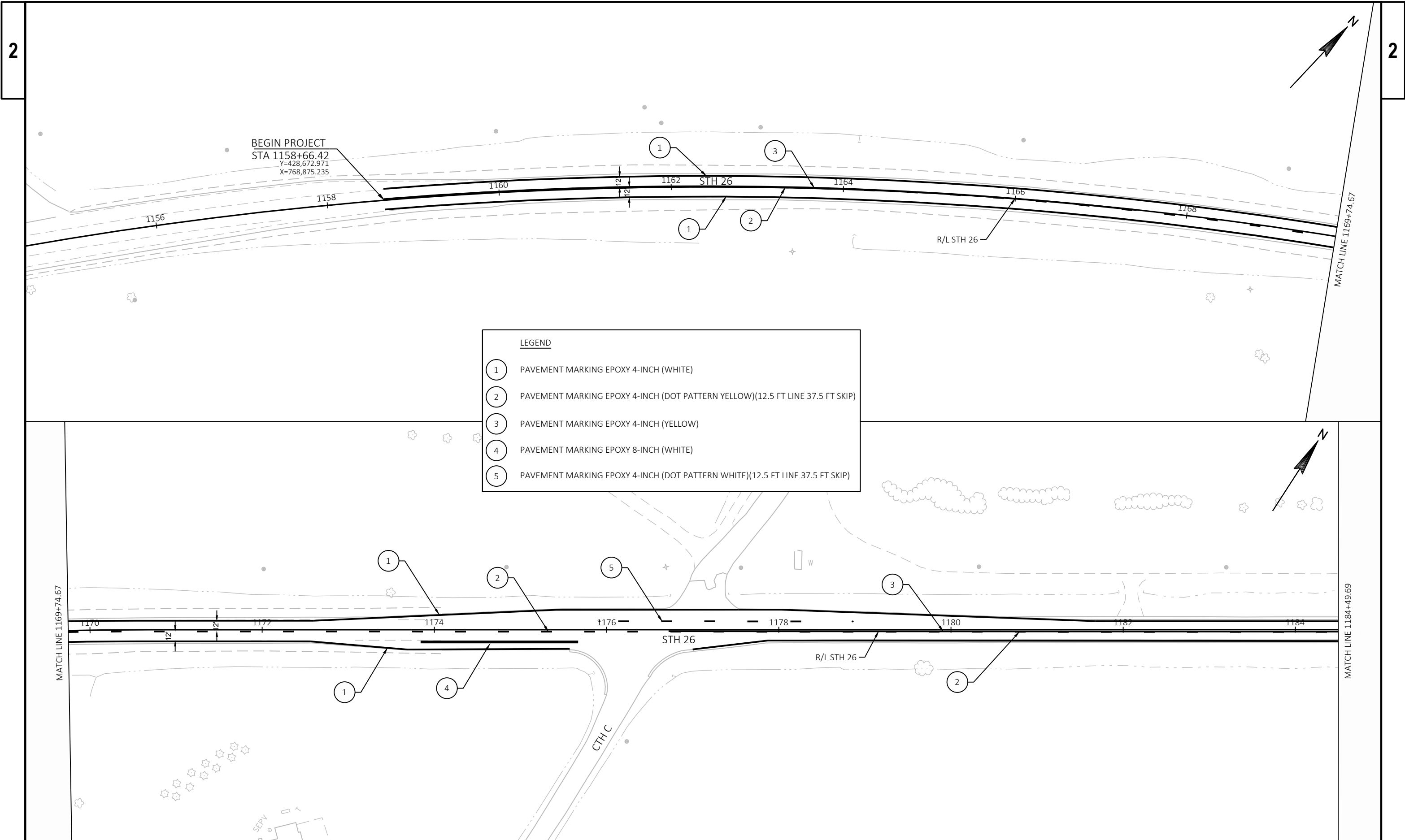
NO MUNICIPAL OR COUNTY SIGNS SHALL BE MOUNTED TO STATE OWNED SIGNS OR POSTS.

ALL TODS SIGNS (BLUE DIRECTIONAL) AND T200 (WHITE ARROWS) TO REMAIN.

IF THEY MUST BE MOVED FOR CONSTRUCTION, CONTACT THE LOCAL COUNTY HIGHWAY DEPARTMENT FOR REMOVAL AND REINSTALLATION

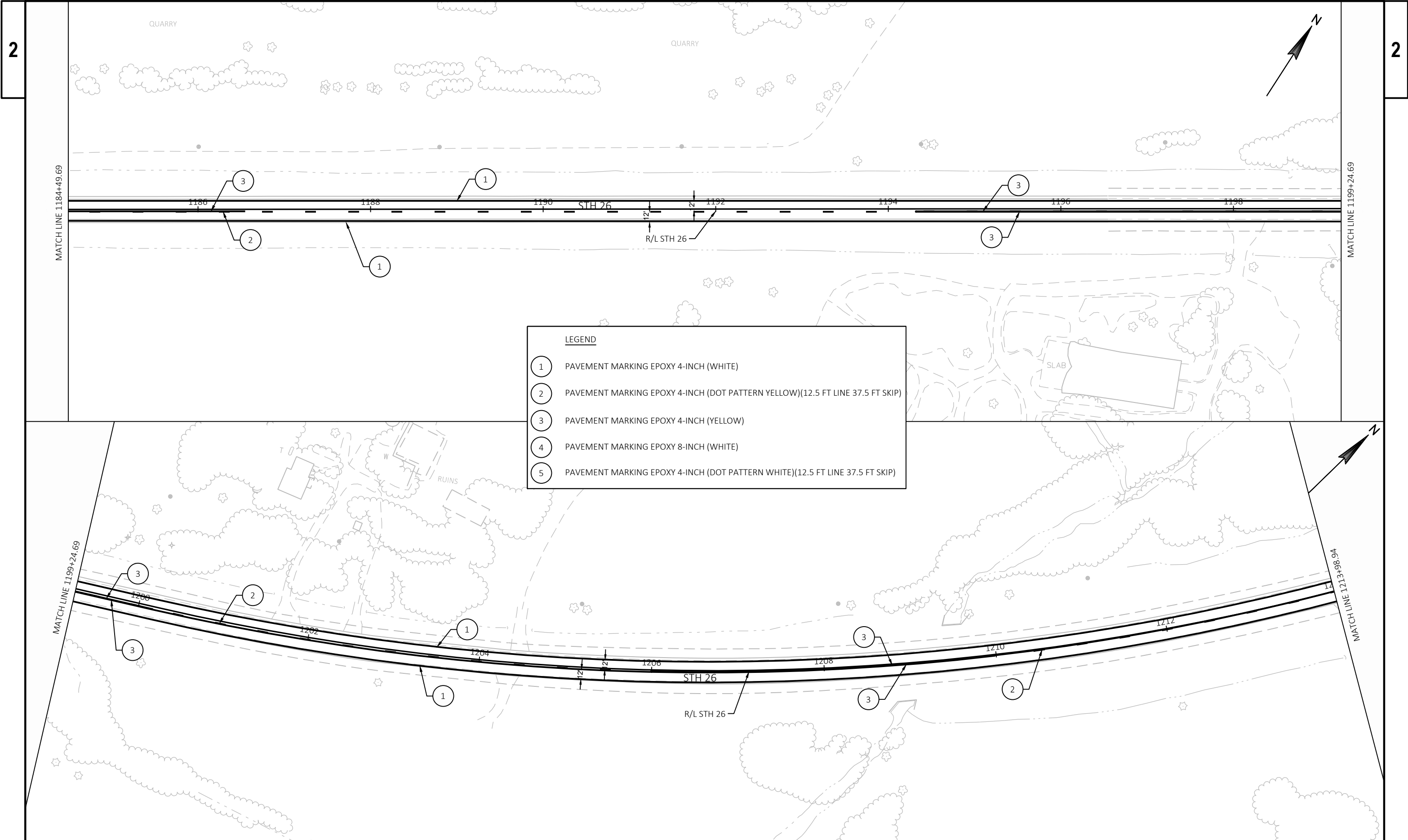


-  SIGN-REMOVE AND REPLACE
-  SIGN-REMOVE EXISTING
-  SIGN-PLACE NEW

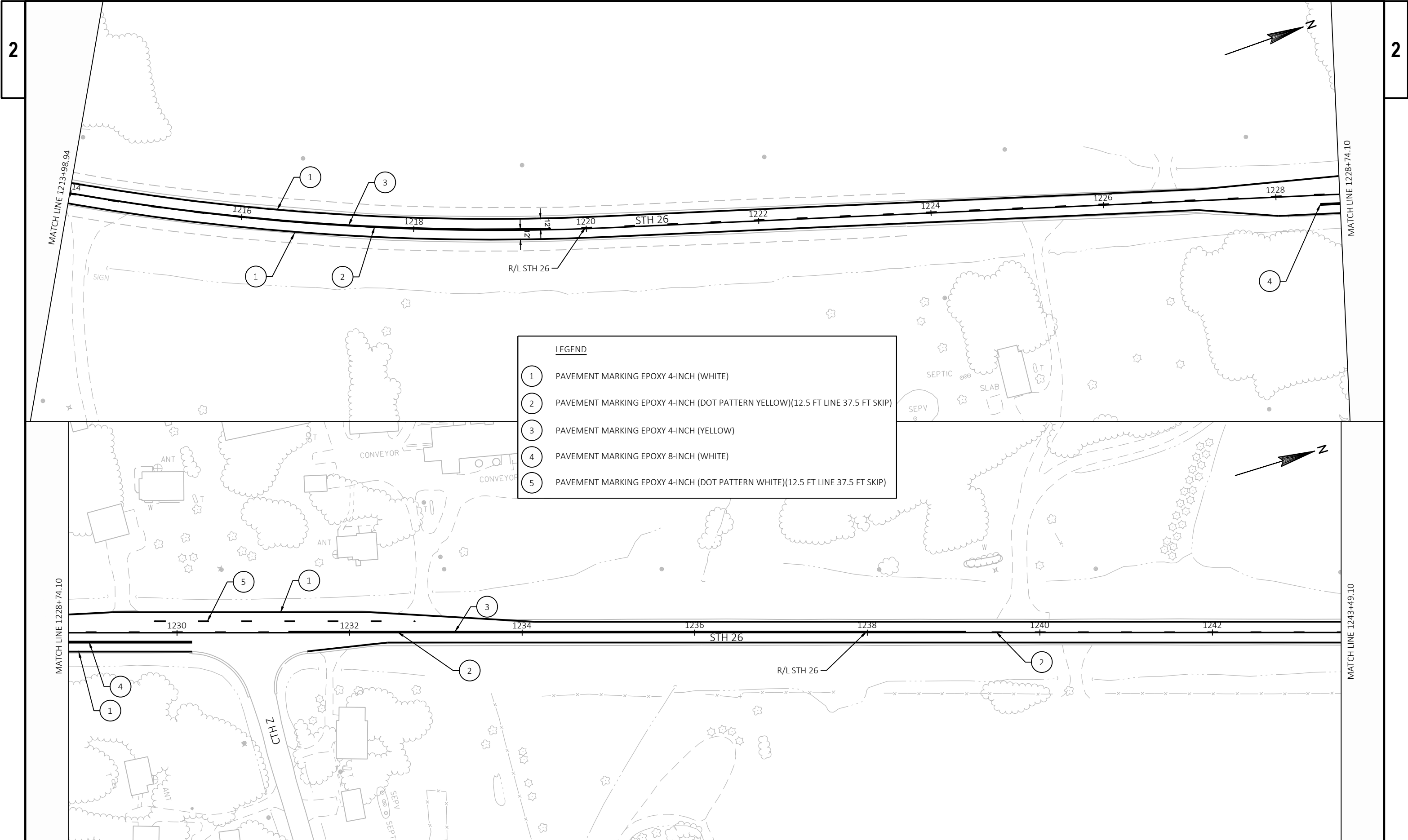


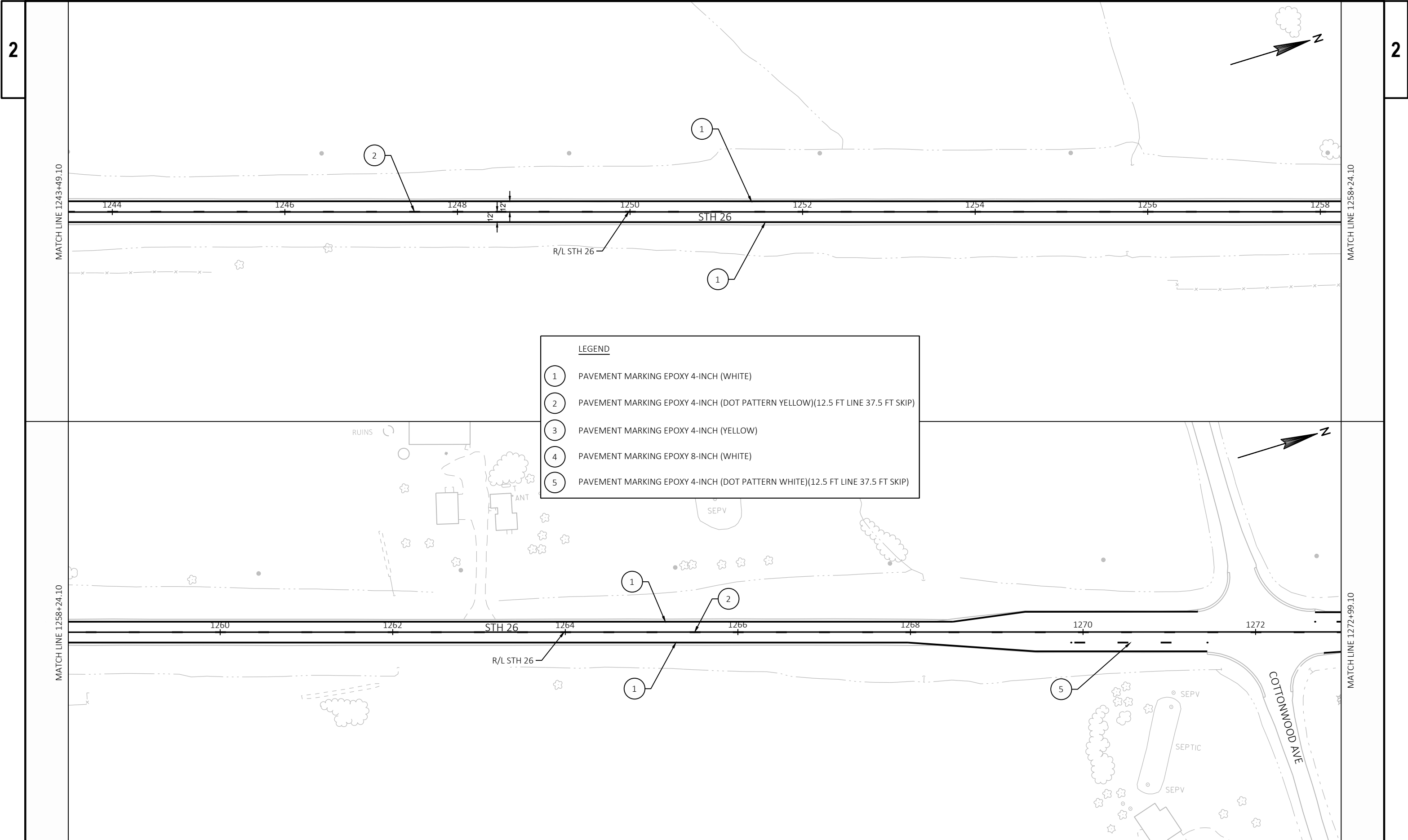
LEGEND

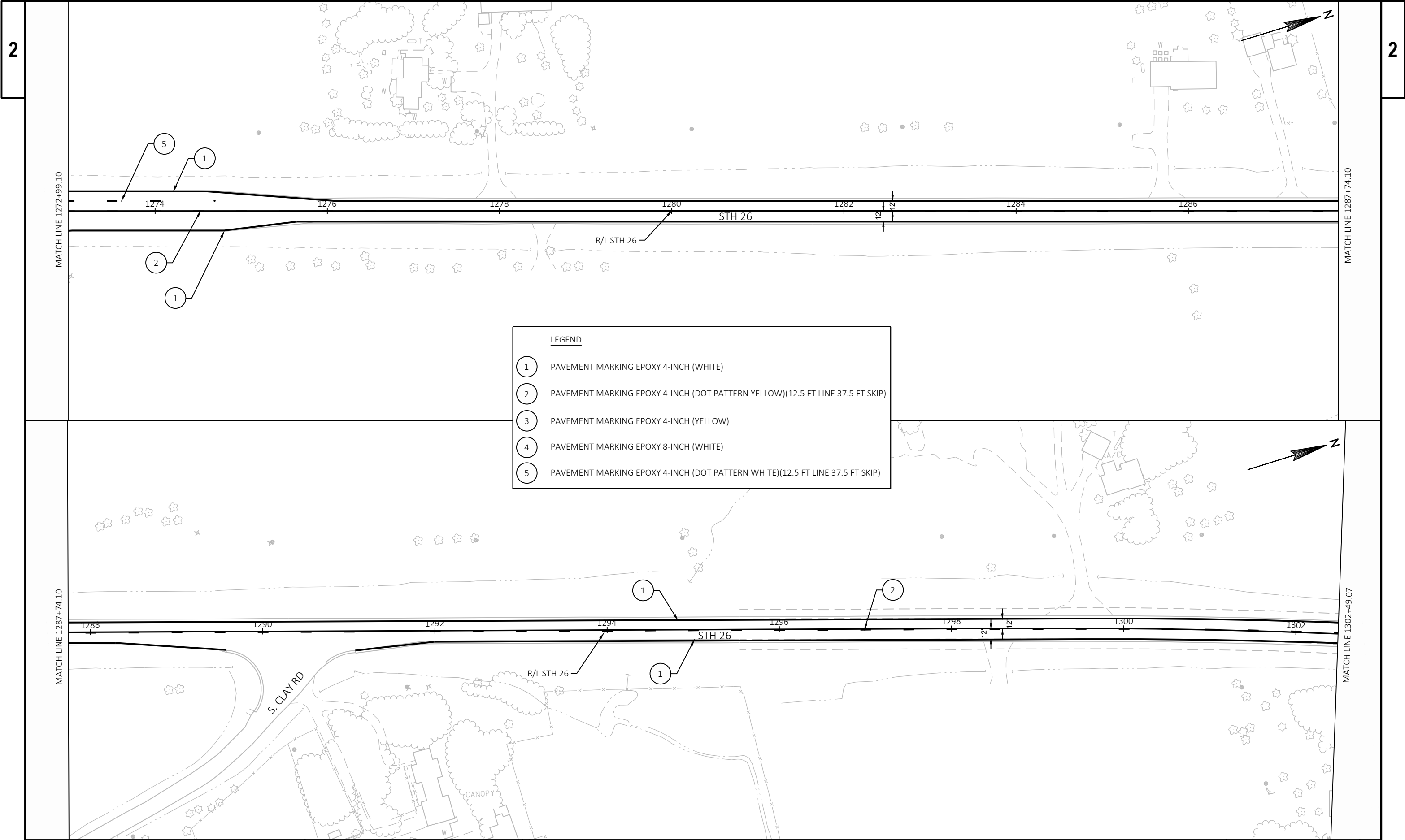
- 1 PAVEMENT MARKING EPOXY 4-INCH (WHITE)
- 2 PAVEMENT MARKING EPOXY 4-INCH (DOT PATTERN YELLOW)(12.5 FT LINE 37.5 FT SKIP)
- 3 PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
- 4 PAVEMENT MARKING EPOXY 8-INCH (WHITE)
- 5 PAVEMENT MARKING EPOXY 4-INCH (DOT PATTERN WHITE)(12.5 FT LINE 37.5 FT SKIP)



PROJECT NO: 1110-13-71	HWY: STH 26	COUNTY: WINNEBAGO	PAVEMENT MARKINGS	SHEET 30	E
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LEGEND

1

PAVEMENT MARKING EPOXY 4-INCH (WHITE)

2

PAVEMENT MARKING EPOXY 4-INCH (DOT PATTERN YELLOW)(12.5 FT LINE 37.5 FT SKIP)

3

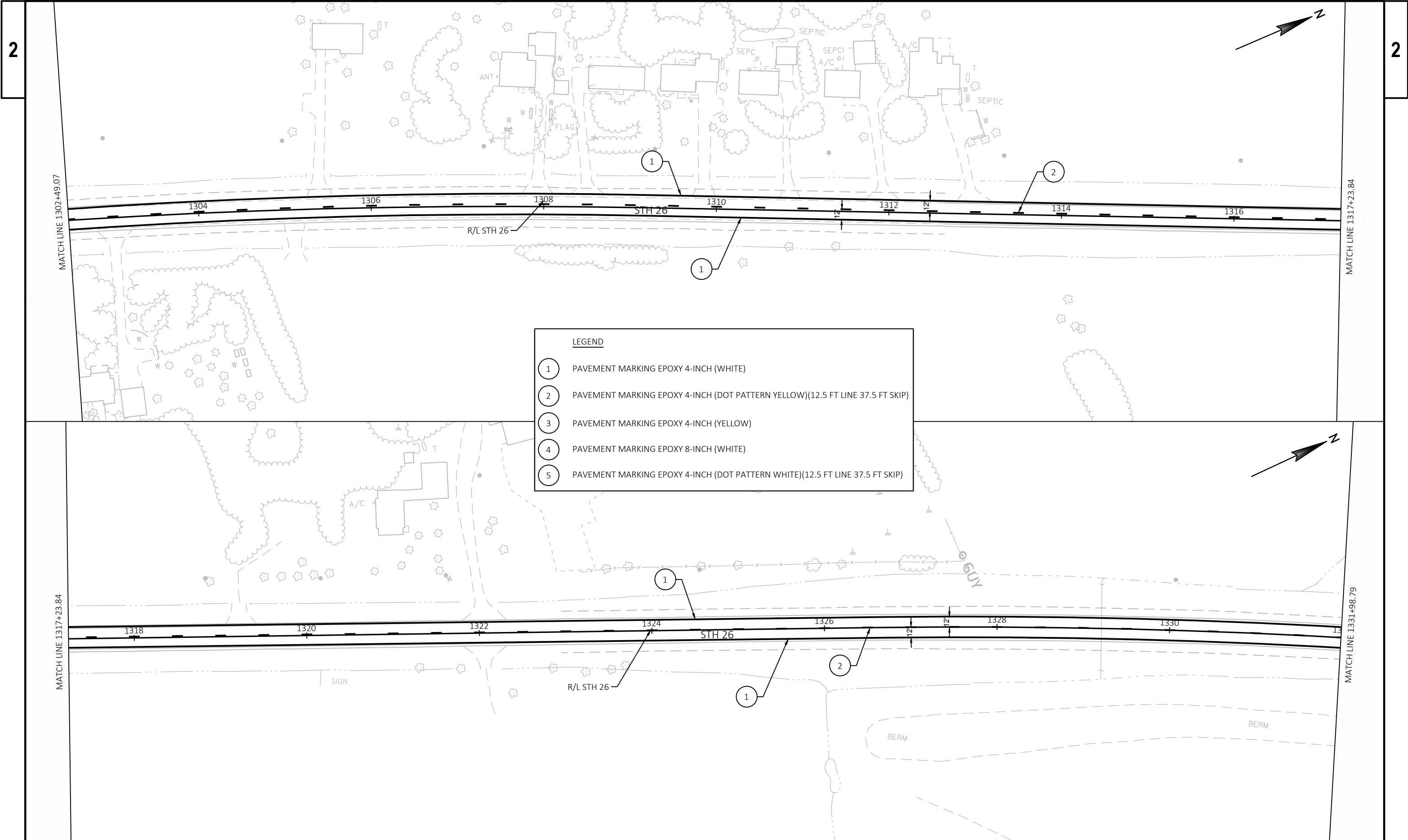
PAVEMENT MARKING EPOXY 4-INCH (YELLOW)

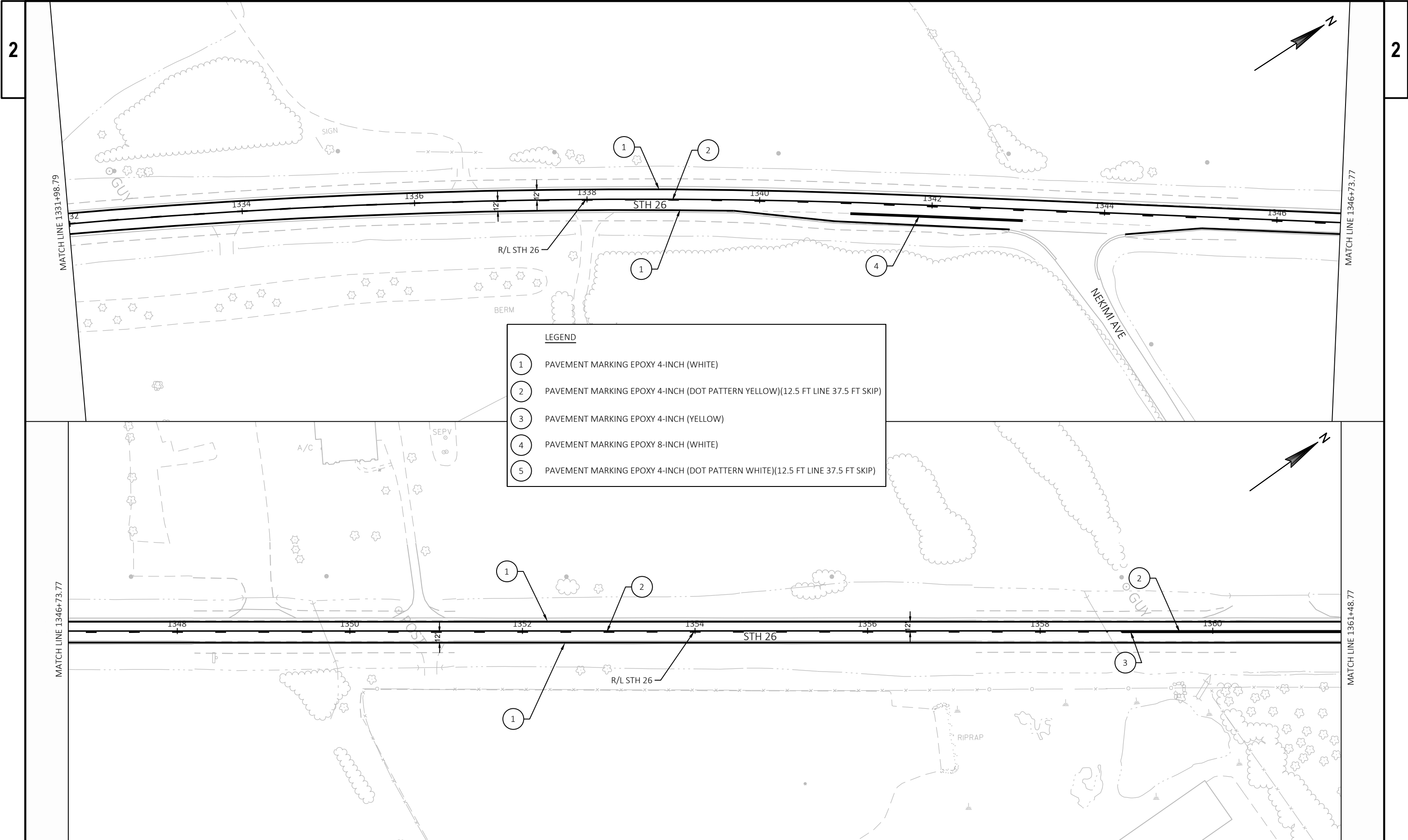
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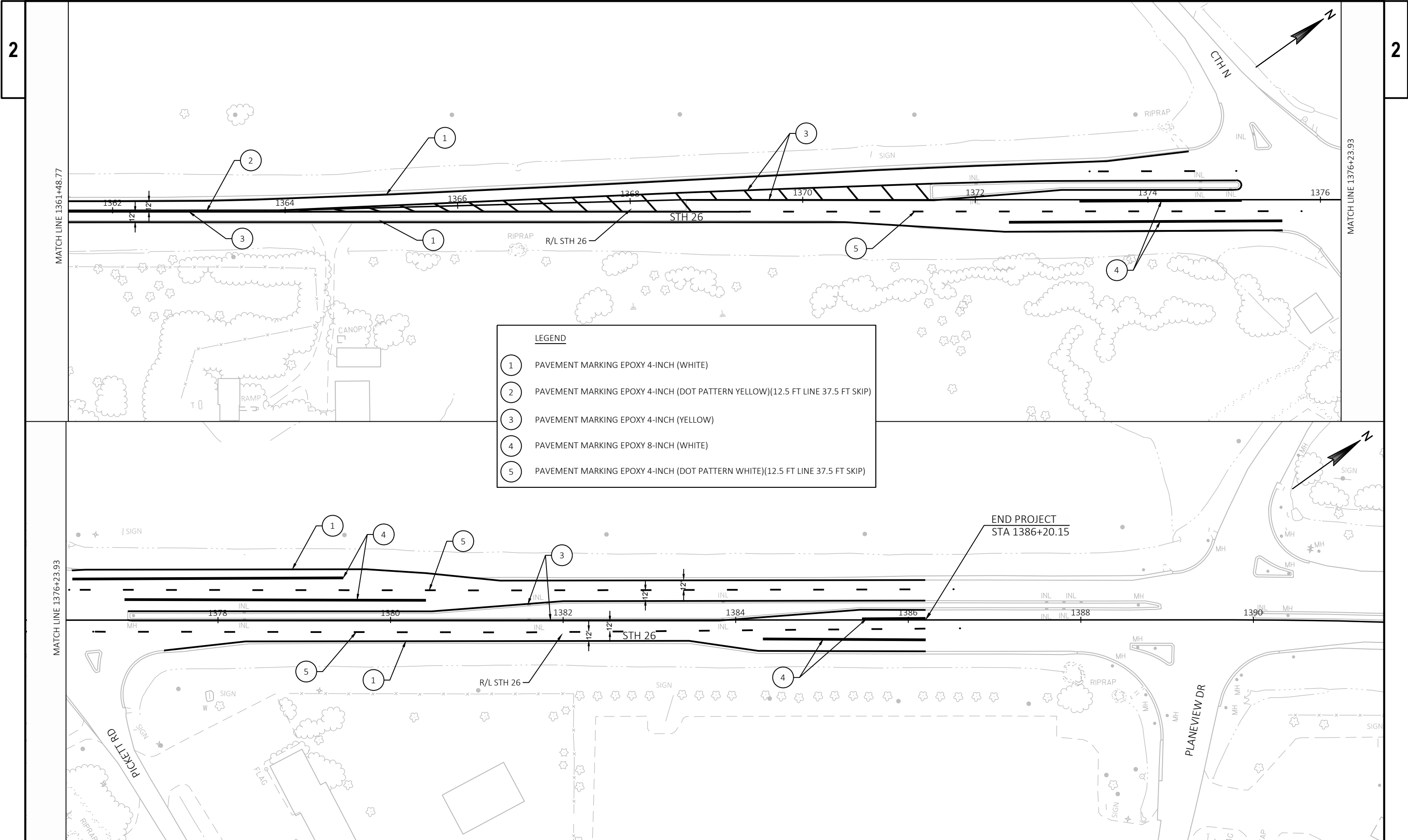
PAVEMENT MARKING EPOXY 8-INCH (WHITE)

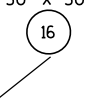
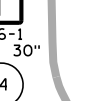
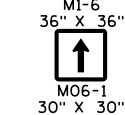
5

PAVEMENT MARKING EPOXY 4-INCH (DOT PATTERN WHITE)(12.5 FT LINE 37.5 FT SKIP)









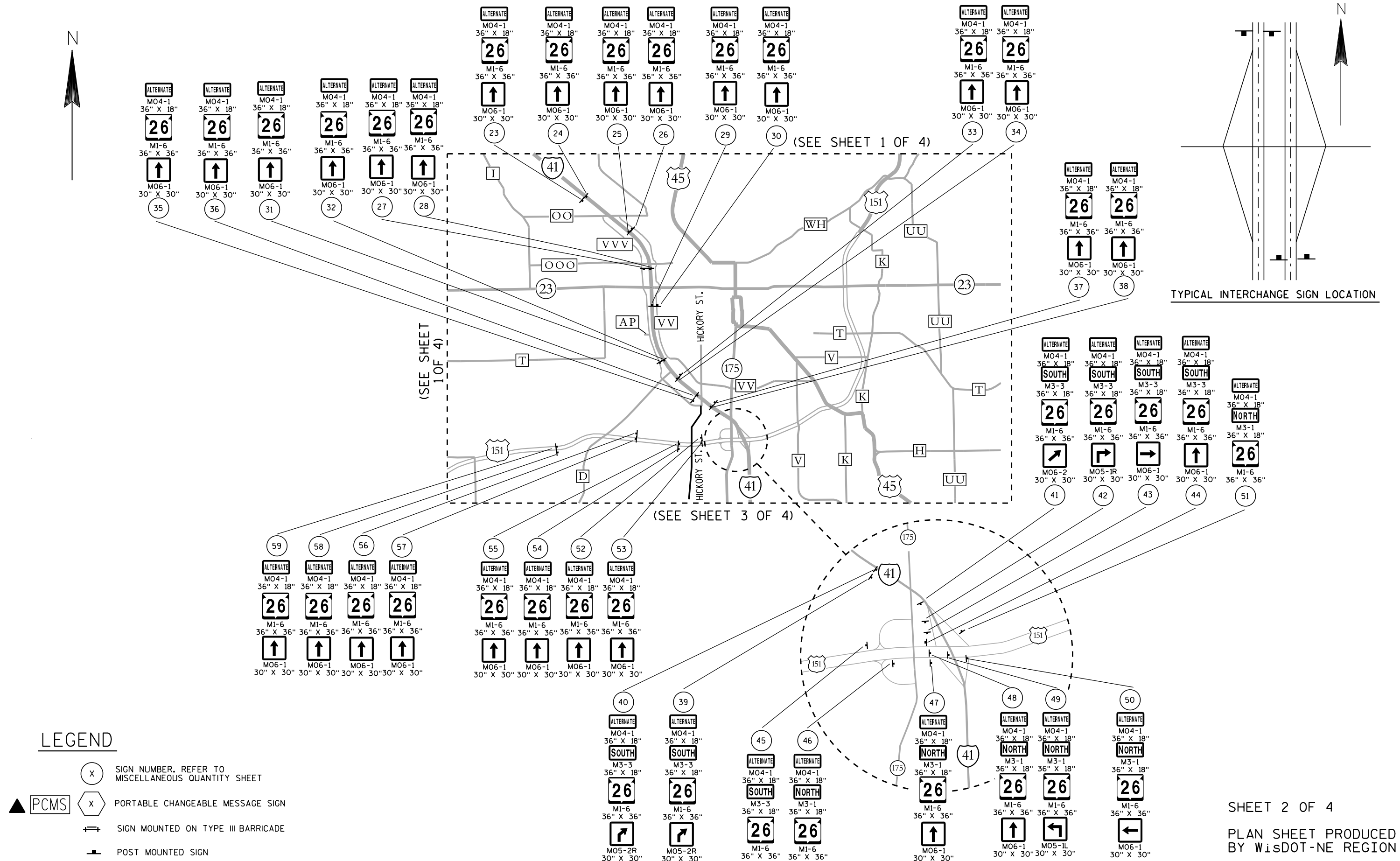
LEGEND

- | | |
|---|---|
|  | SIGN NUMBER. REFER TO
MISCELLANEOUS QUANTITY SHEET |
|  | PORTABLE CHANGEABLE MESSAGE SIGN |
|  | SIGN MOUNTED ON TYPE III BARRICADE |
|  | POST MOUNTED SIGN |

(SEE SHEET 2 OF 4)

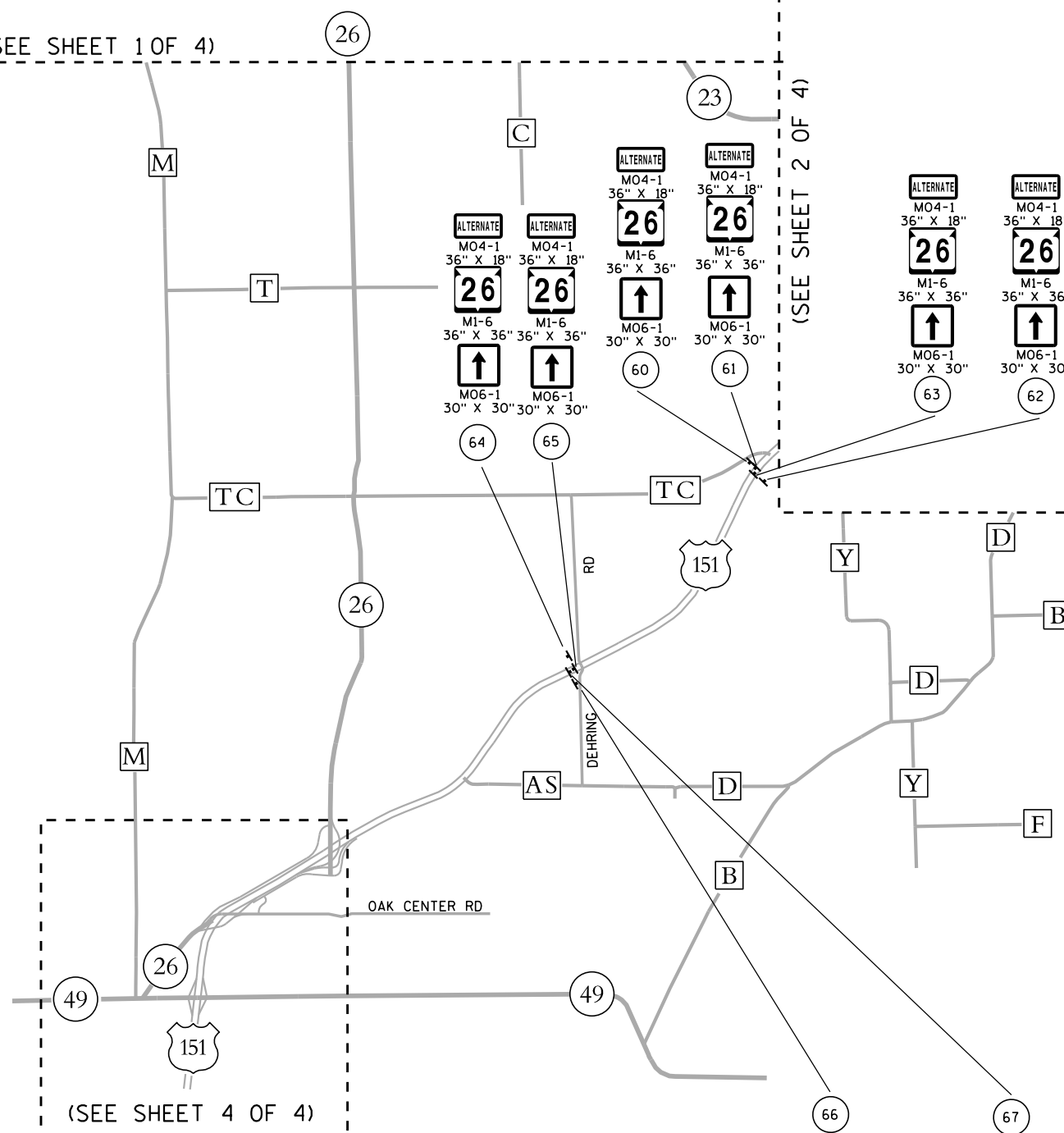
SHEET 1 OF 4

PLAN SHEET PRODUCED
BY WisDOT-NE REGION

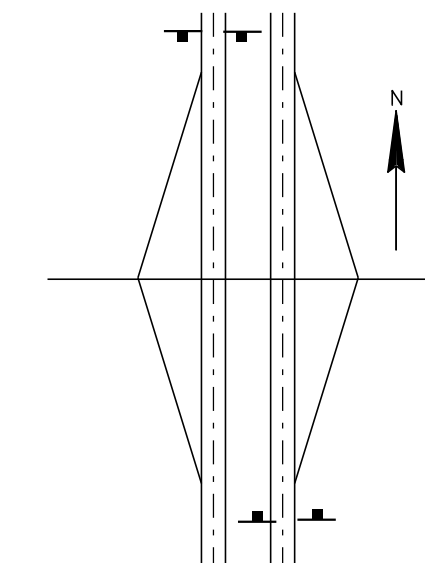




(SEE SHEET 1 OF 4)



(SEE SHEET 2 OF 4)



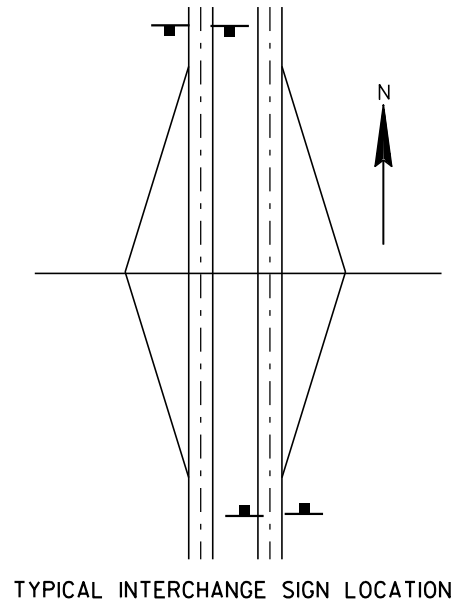
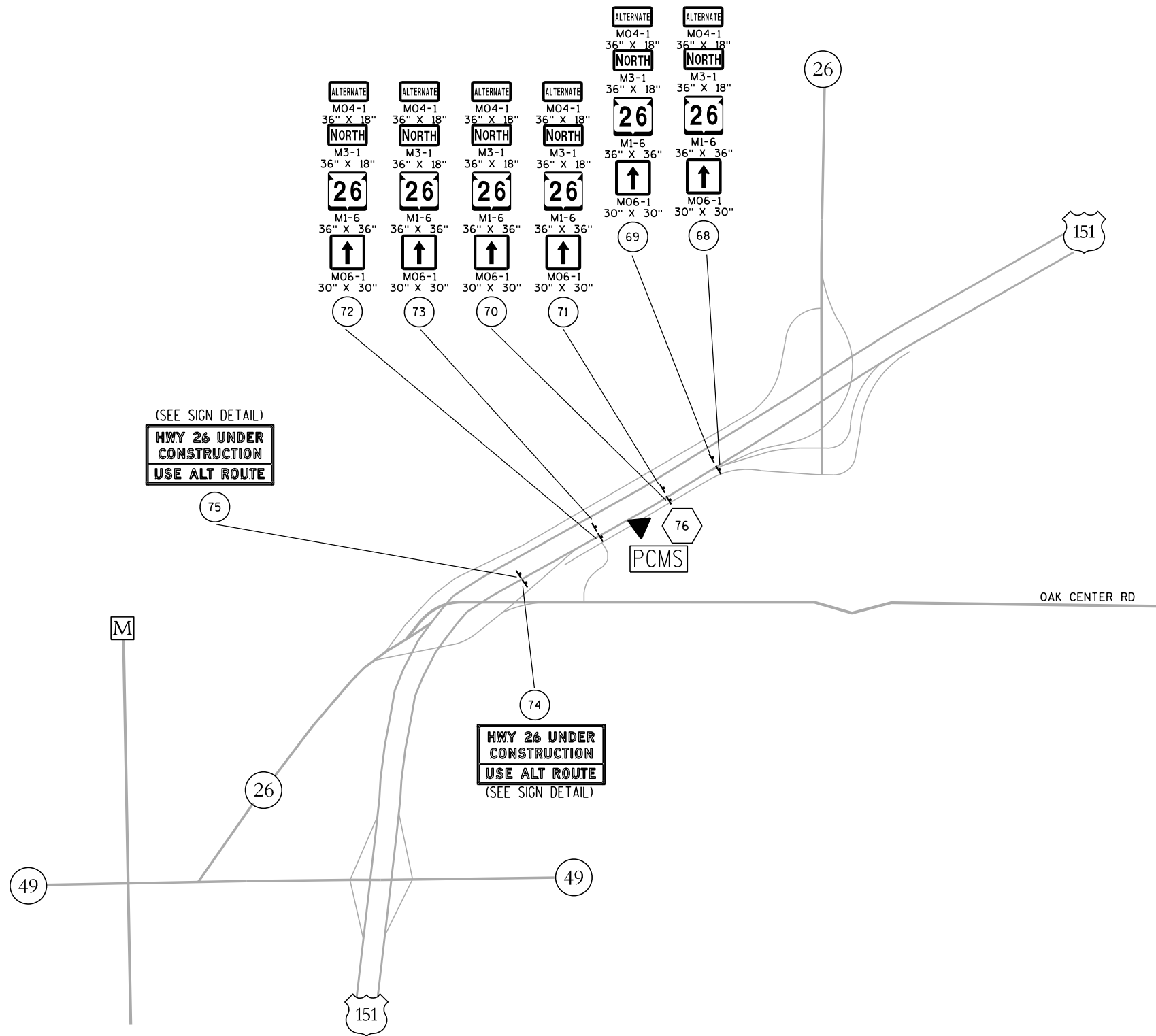
TYPICAL INTERCHANGE SIGN LOCATION

LEGEND

-  SIGN NUMBER, REFER TO MISCELLANEOUS QUANTITY SHEET
-   PORTABLE CHANGEABLE MESSAGE SIGN
-  SIGN MOUNTED ON TYPE III BARRICADE
-  POST MOUNTED SIGN

SHEET 3 OF 4

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LEGEND

- (X) SIGN NUMBER. REFER TO MISCELLANEOUS QUANTITY SHEET
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- SIGN MOUNTED ON TYPE III BARRICADE
- POST MOUNTED SIGN

SHEET 4 OF 4
PLAN SHEET PRODUCED
BY WISDOT-NE REGION

3

TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 60 DAYS	643.0900 SIGNS DAYS	643.1000 FIXED MESSAGE SIGN SF	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	NO OF CYCLES	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
1	I-41, S. OF STH 44, COVER EXISTING TYPE I SIGN AS SHOWN								1	1		COVER "26 ROSENDALE"
2	I-41, S. OF STH 44, PLACE 1/2 MILE N. OF STH 26 INTERCHANGE ON RIGHT SHOULDER	FMS	102"X48"	1	60	60	34					
3	I-41, S. OF STH 44, PLACE 1/2 MILE N. OF STH 26 INTERCHANGE IN MEDIAN	FMS	102"X48"	1	60	60	34					
3A	I-41, S. OF STH 44, PLACE 2000' N. OF STH 26 INTERCHANGE ON RIGHT SHOULDER	PCMS		1				60				USE FOR DURATION OF PROJECT
4	I-41, N. OF STH 26, PLACE 1/4 MILE N. OF STH 26 INTERCHANGE ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 3-3	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
5	I-41, N. OF STH 26, PLACE 1/4 MILE N. OF STH 26 INTERCHANGE IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 3-3	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
6	I-41, AT STH 26, COVER EXISTING TYPE I SIGN AS SHOWN			1	60	60			1	1		COVER "26 ROSENDALE"
7	I-41, AT STH 26, PLACE IN FRONT OF SIGN CANTILEVER STRUCTURE	MO 4-1	36"X18"	1	60	60						
	"	M 3-3	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
8	I-41, AT STH 26, PLACE IN FRONT OF SIGN CANTILEVER STRUCTURE	MO 4-1	36"X18"	1	60	60						
	"	M 3-3	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
9	STH 26, S. OF I-41, PLACE JUST S. OF PLANEVIEW DR ON RIGHT SHOULDER, FIELD DETERMINED	PCMS		1				7				PLACE 7 DAYS IN ADVANCE OF PROJECT STARTUP
10	I-41, AT STH 26, COVER EXISTING TYPE I SIGN AS SHOWN								1	1		COVER "26 ROSENDALE"
11	I-41, S. OF STH 26, COVER EXISTING TYPE I SIGN AS SHOWN								1	1		COVER "26 ROSENDALE"
12	STH 26, N. OF CTH FF, PLACE JUST N. OF CTH FF ON RIGHT SHOULDER, FIELD DETERMINED			1				7				PLACE 7 DAYS IN ADVANCE OF PROJECT STARTUP
13	I-41, N. OF CTH N, PLACE 500' N. OF CTH N OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
14	I-41, N. OF CTH N, PLACE 500' N. OF CTH N OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
15	I-41, S. OF CTH N, PLACE 500' S. OF CTH N OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
16	I-41, S. OF CTH N, PLACE 500' S. OF CTH N OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
17	STH 23, W. OF STH 26, PLACE 1/4 MILE W. OF STH 26	FMS	102"X48"				34					
18	STH 23, W. OF STH 26, COVER EXISTING J2-2 SIGN AS SHOWN								1		1	COVER "NORTH 26 ADV LT"
19	STH 23, W. OF STH 26, COVER EXISTING J3-2 SIGN AS SHOWN								1		1	COVER "NORTH 26 RT"
20	STH 23, E. OF STH 26, COVER EXISTING J3-2 SIGN AS SHOWN								1		1	COVER "NORTH 26 LT"
21	STH 23, E. OF STH 26, COVER EXISTING J2-2 SIGN AS SHOWN								1		1	COVER "NORTH 26 ADV RT"
22	STH 23, E. OF STH 26, PLACE 1/4 MILE E. OF STH 26	FMS	102"X48"				34					
23	I-41, N. OF CTH 00, PLACE 500' N. OF CTH 00 OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD

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PAGE SUBTOTALS

37

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3

TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 60 DAYS	643.0900 SIGNS DAYS	643.1000 FIXED MESSAGE SIGN SF	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	NO OF CYCLES	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
24	I-41, N. OF CTH 00, PLACE 500' N. OF CTH 00 OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
25	I-41, S. OF CTH 00, PLACE 500' S. OF CTH 00 OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
26	I-41, S. OF CTH 00, PLACE 500' S. OF CTH 00 OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
27	I-41, N. OF STH 23, PLACE 500' N. OF STH 23 OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
28	I-41, N. OF STH 23, PLACE 500' N. OF STH 23 OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
29	I-41, S. OF STH 23, PLACE 500' S. OF STH 23 OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
30	I-41, S. OF STH 23, PLACE 500' S. OF STH 23 OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
31	I-41, N. OF CTH D, PLACE 500' N. OF CTH D OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
32	I-41, N. OF CTH D, PLACE 500' N. OF CTH D OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
33	I-41, S. OF CTH D, PLACE 500' S. OF CTH D OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
34	I-41, S. OF CTH D, PLACE 500' S. OF CTH D OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
35	I-41, N. OF HICKORY ST, PLACE 500' N. OF HICKORY ST OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
36	I-41, N. OF HICKORY ST, PLACE 500' N. OF HICKORY ST OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
37	I-41, S. OF HICKORY ST, PLACE 500' S. OF HICKORY ST OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
38	I-41, S. OF HICKORY ST, PLACE 500' S. OF HICKORY ST OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
39	I-41, N. OF USH 151, PLACE 900' N. OF USH 151 OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 3-3	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 5-2R	30"X30"	1	60	60						

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PAGE SUBTOTALS

49

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TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 60 DAYS	643.0900 DETOUR SIGNS DAYS	643.1000 FIXED MESSAGE SIGN SF	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	NO OF CYCLES	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
40	I-41, N. OF USH 151, PLACE 900' N. OF USH 151 OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 3-3	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 5-2R	30"X30"	1	60	60						
41	I-41, N. OF USH 151, PLACE 500' N. OF USH 151 OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 3-3	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-2	30"X30"	1	60	60						TILT RIGHT
42	I-41 OFF-RAMP TO USH 151, PLACE 750' PRIOR TO RAMP INTERSECTION	MO 4-1	24"X12"	1	60	60						
	"	M 3-3	24"X12"	1	60	60						
	"	M 1-6	24"X24"	1	60	60						26
	"	MO 5-1R	21"X21"	1	60	60						
43	I-41 OFF-RAMP TO USH 151, PLACE 200' PRIOR TO RAMP INTERSECTION	MO 4-1	24"X12"	1	60	60						
	"	M 3-3	24"X12"	1	60	60						
	"	M 1-6	24"X24"	1	60	60						26
	"	MO 6-1	21"X21"	1	60	60						RIGHT
44	US 151, W. OF I-41, PLACE 100' W. OF I-41 SB RAMP INTERSECTION	MO 4-1	24"X12"	1	60	60						
	"	M 3-3	24"X12"	1	60	60						
	"	M 1-6	24"X24"	1	60	60						26
	"	MO 6-1	21"X21"	1	60	60						AHEAD
45	US 151, W. OF STH 175, PLACE 100' W. OF STH 175 OVERPASS	MO 4-1	24"X12"	1	60	60						
	"	M 3-3	24"X12"	1	60	60						
	"	M 1-6	24"X24"	1	60	60						26
	"	MO 6-1	21"X21"	1	60	60						AHEAD
46	US 151, W. OF STH 175, PLACE AT JUGHANDLE TAPER TO STH 175	MO 4-1	24"X12"	1	60	60						
	"	M 3-1	24"X12"	1	60	60						
	"	M 1-6	24"X24"	1	60	60						26
	"	MO 6-1	21"X21"	1	60	60						AHEAD
47	US 151, W. OF I-41, PLACE RIGHT OF EXISTING D1-72 SIGN ON RIGHT SHOULDER	MO 4-1	24"X12"	1	60	60						
	"	M 3-1	24"X12"	1	60	60						
	"	M 1-6	24"X24"	1	60	60						26
	"	MO 6-1	21"X21"	1	60	60						AHEAD
48	US 151, W. OF I-41, PLACE ACROSS FROM SIGN #47 IN MEDIAN	MO 4-1	24"X12"	1	60	60						
	"	M 3-1	24"X12"	1	60	60						
	"	M 1-6	24"X24"	1	60	60						26
	"	MO 6-1	21"X21"	1	60	60						AHEAD
49	US 151, AT I-41, PLACE BETWEEN I-41 SB RAMP INTERSECTION AND I-41 STRUCTURE IN MEDIAN	MO 4-1	24"X12"	1	60	60						
	"	M 3-1	24"X12"	1	60	60						
	"	M 1-6	24"X24"	1	60	60						26
	"	MO 5-1L	21"X21"	1	60	60						
50	US 151, AT I-41, PLACE BETWEEN I-41 STRUCTURE AND I-41 NB RAMP INTERSECTION IN MEDIAN	MO 4-1	24"X12"	1	60	60						
	"	M 3-1	24"X12"	1	60	60						
	"	M 1-6	24"X24"	1	60	60						26
	"	MO 6-1	21"X21"	1	60	60						LEFT
PAGE SUBTOTALS				44		2,640	0	0		0	0	

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BY WisDOT - NE REGION

TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 60 DAYS	643.0900 SIGNS DAYS	643.1000 FIXED MESSAGE SIGN SF	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	NO OF CYCLES	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
51	US 151 ON-RAMP TO I-41, PLACE RIGHT OF EXISTING R5-57 SIGN ON RAMP	MO 4-1	24"X12"	1	60	60						
	"	M 3-1	24"X12"	1	60	60						
	"	M 1-6	24"X24"	1	60	60						26
52	US 151, W. OF STH 175, PLACE 500' E. OF HICKORY ST OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
53	US 151, W. OF STH 175, PLACE 500' E. OF HICKORY ST OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
54	US 151, W. OF HICKORY ST, PLACE 500' W. OF HICKORY ST OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
55	US 151, W. OF HICKORY ST, PLACE 500' W. OF HICKORY ST OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
56	US 151, E. OF CTH D, PLACE 500' E. OF CTH D OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
57	US 151, E. OF CTH D, PLACE 500' E. OF CTH D OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
58	US 151, W. OF CTH D, PLACE 500' W. OF CTH D OFF-RAMP ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
59	US 151, W. OF CTH D, PLACE 500' W. OF CTH D OFF-RAMP IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
60	US 151, E. OF CTH TC, PLACE 500' PRIOR TO RIGHT TURN LANE TAPER TO CTH TC	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
61	US 151, E. OF CTH TC, PLACE ACROSS FROM SIGN #60 IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
62	US 151, W. OF CTH TC, PLACE 500' PRIOR TO RIGHT TURN LANE TAPER TO CTH TC	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
63	US 151, W. OF CTH TC, PLACE ACROSS FROM SIGN #62 IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
64	US 151, E. OF DEHRING RD, PLACE 500' PRIOR TO RIGHT TURN LANE TAPER TO DEHRING RD	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
65	US 151, E. OF DEHRING RD, PLACE ACROSS FROM SIGN #64 IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD

PAGE SUBTOTALS

45

2,700

0

0

0

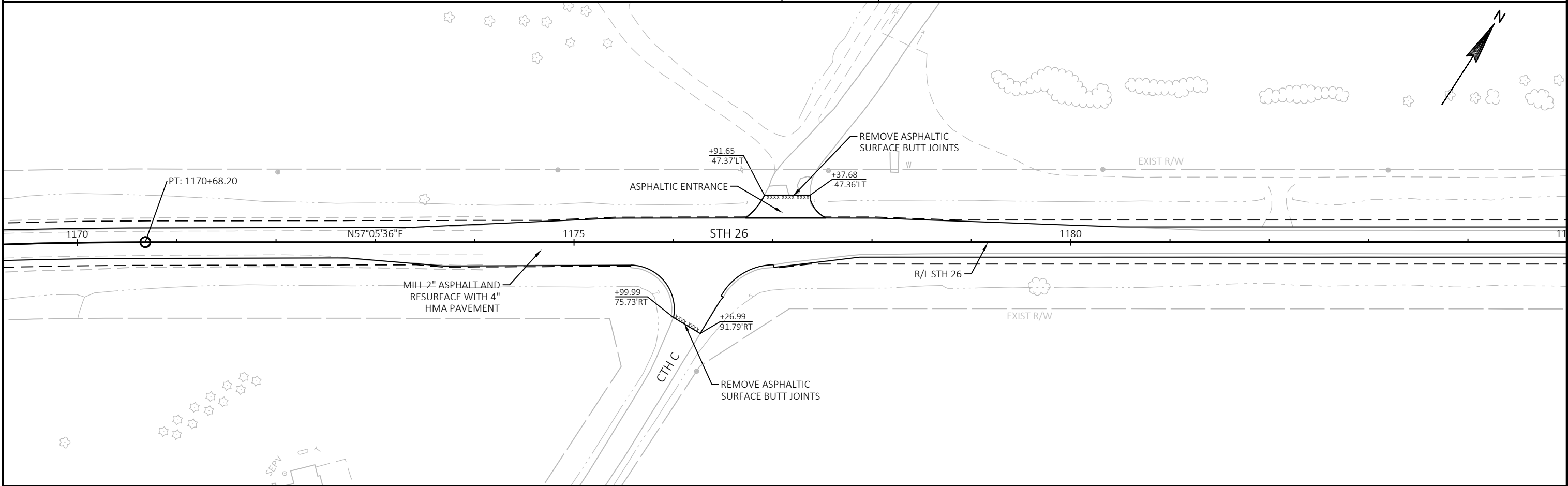
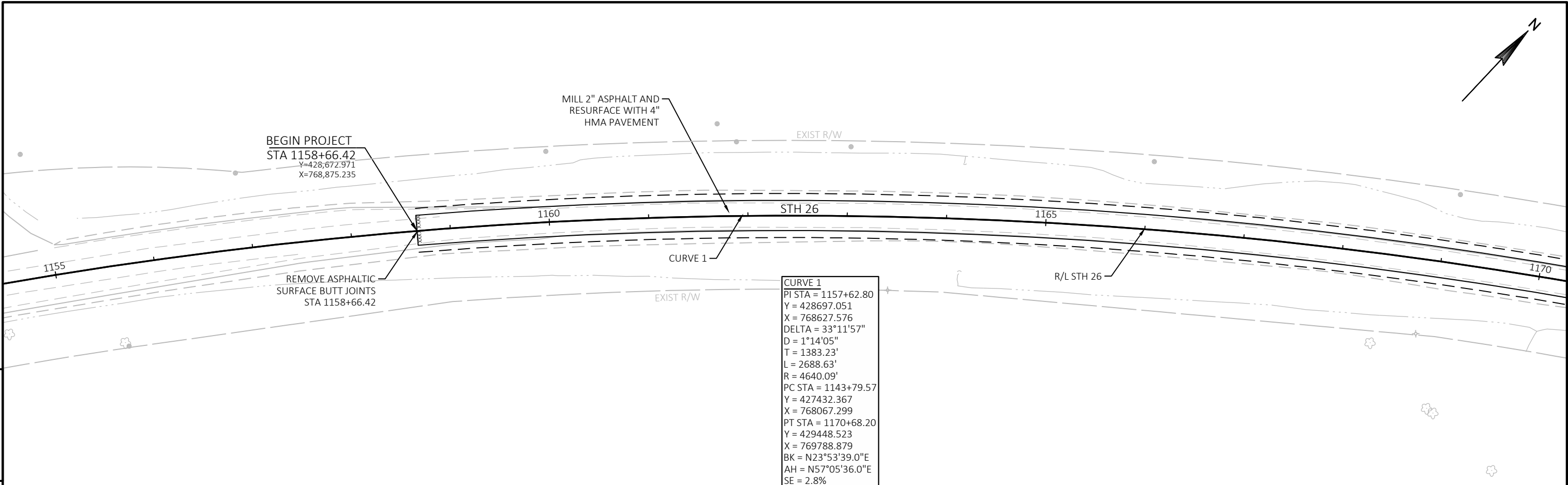
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PLAN SHEET PRODUCED
BY WisDOT - NE REGION

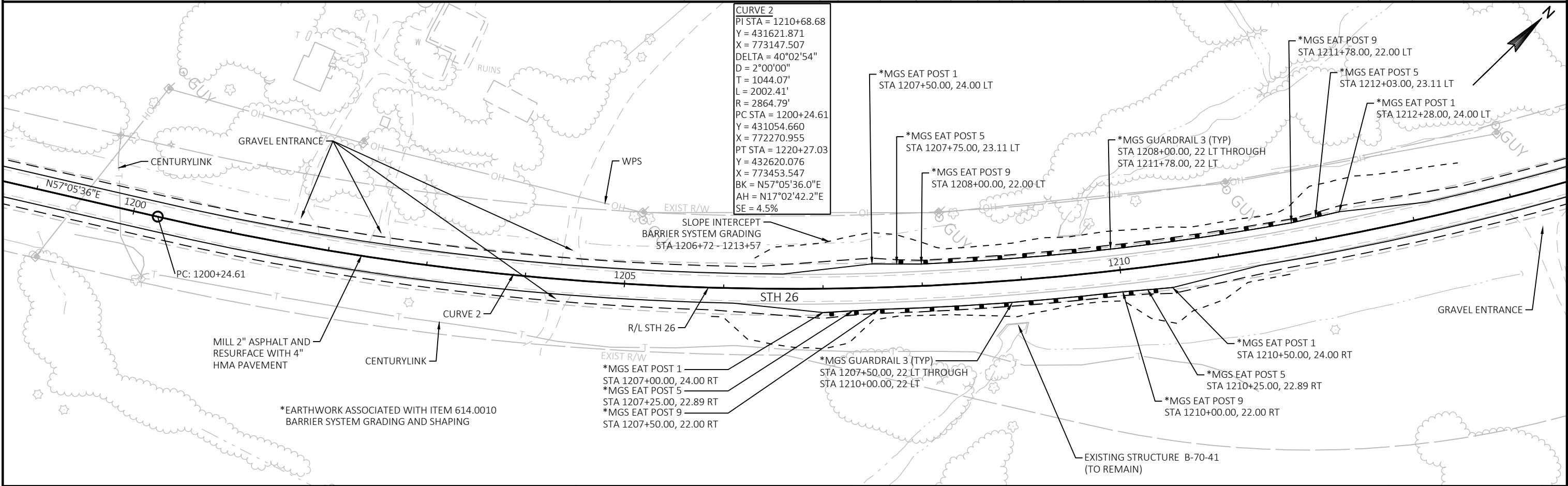
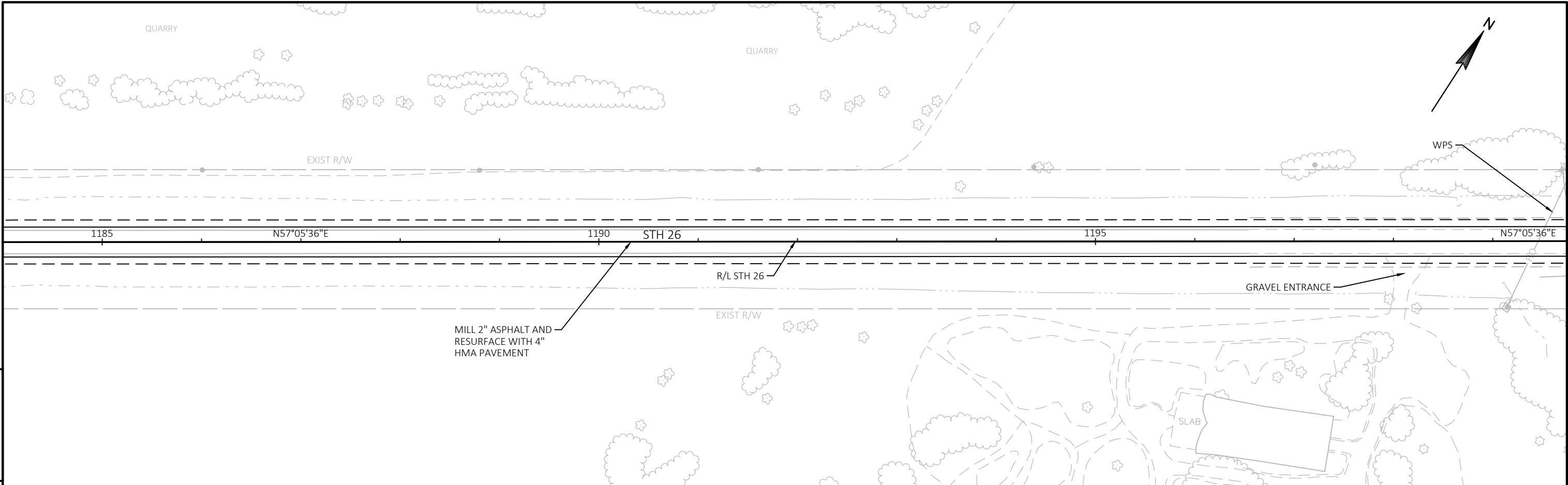
TRAFFIC CONTROL DETOUR SIGN SUMMARY

SIGN NO.	LOCATION	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 60 DAYS	643.0900 SIGNS DAYS	643.1000 FIXED MESSAGE SIGN SF	643.1050 SIGNS PORTABLE CHANGEABLE MESSAGE DAYS	NO OF CYCLES	643.0910 COVERING SIGNS TYPE I EACH	643.0920 COVERING SIGNS TYPE II EACH	REMARKS
66	US 151, W. OF DEHRING RD, PLACE 500' PRIOR TO RIGHT TURN LANE TAPER TO DEHRING RD	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
67	US 151, W. OF DEHRING RD, PLACE ACROSS FROM SIGN #66 IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
68	US 151, W. OF STH 26, PLACE 500' PRIOR TO OFF-RAMP TO STH 26 ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 3-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
69	US 151, W. OF STH 26, PLACE ACROSS FROM SIGN #68 IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 3-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
70	US 151, W. OF STH 26, PLACE 1500' PRIOR TO OFF-RAMP TO STH 26 ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 3-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
71	US 151, W. OF STH 26, PLACE ACROSS FROM SIGN #70 IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 3-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
72	US 151, W. OF STH 26, PLACE 1/2 MILE PRIOR TO OFF-RAMP TO STH 26 ON RIGHT SHOULDER	MO 4-1	36"X18"	1	60	60						
	"	M 3-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
73	US 151, W. OF STH 26, PLACE ACROSS FROM SIGN #72 IN MEDIAN	MO 4-1	36"X18"	1	60	60						
	"	M 3-1	36"X18"	1	60	60						
	"	M 1-6	36"X36"	1	60	60						26
	"	MO 6-1	30"X30"	1	60	60						AHEAD
74	US 151, W. OF STH 26, PLACE 3/4 MILE PRIOR TO OFF-RAMP TO STH 26 ON RIGHT SHOULDER	FMS	102"X48"	1			34					
75	US 151, W. OF STH 26, PLACE ACROSS FROM SIGN #74 IN MEDIAN	FMS	102"X48"	1			34					
76	US 151, W. OF STH 26, PLACE ON RIGHT SHOULDER, FIELD DETERMINED			1				60				USE FOR DURATION OF PROJECT
PAGE SUBTOTALS				33		1,800	68	60		0	0	
PROJECT TOTALS				208		12,120	204	134		4	4	

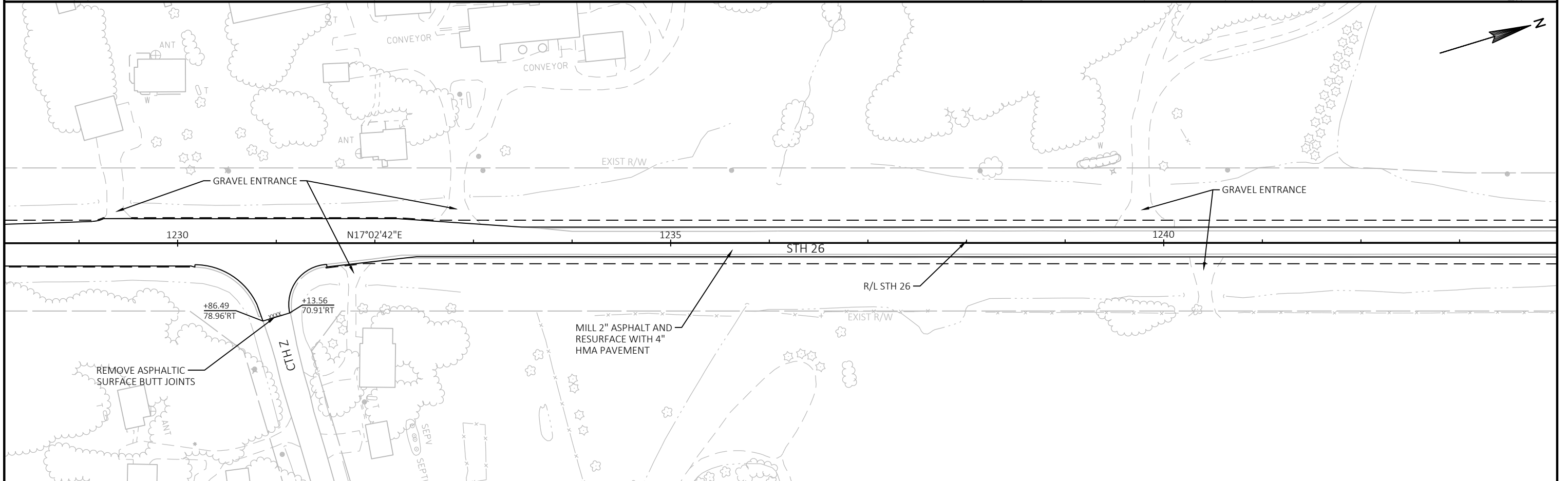
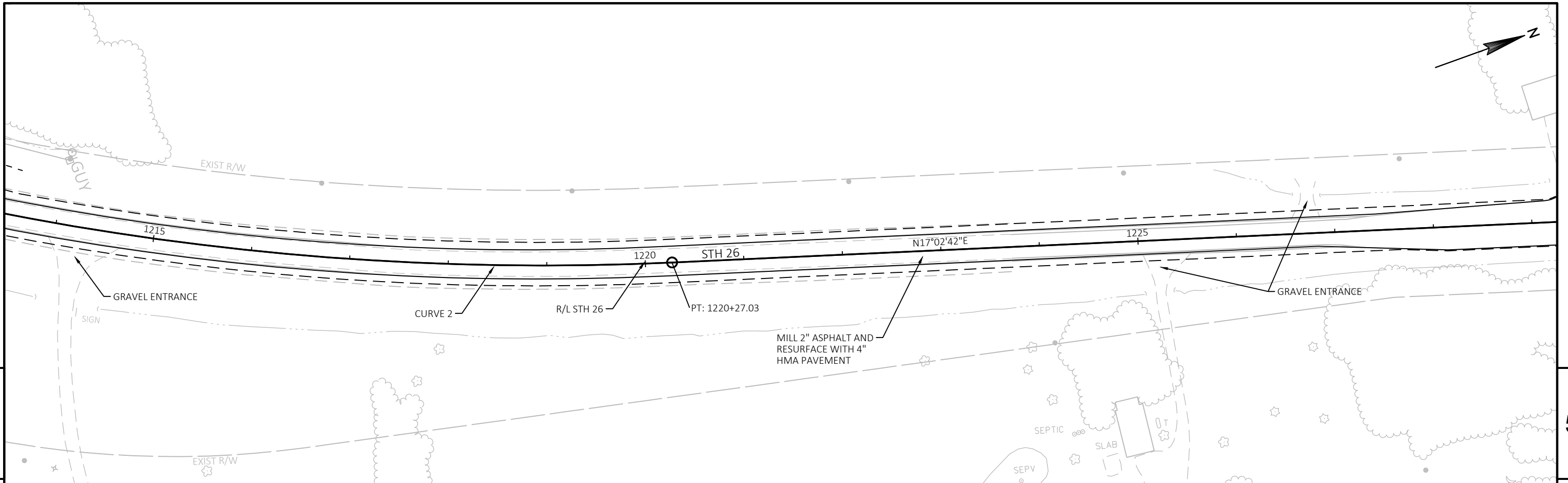
PLAN SHEET PRODUCED
BY WisDOT - NE REGION



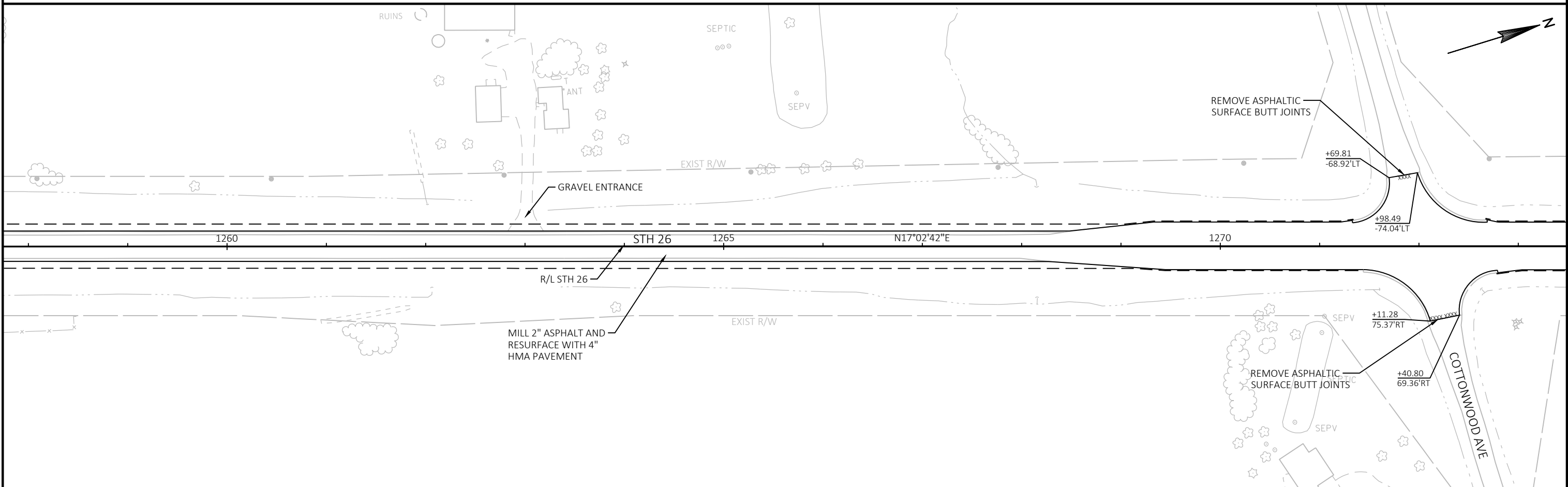
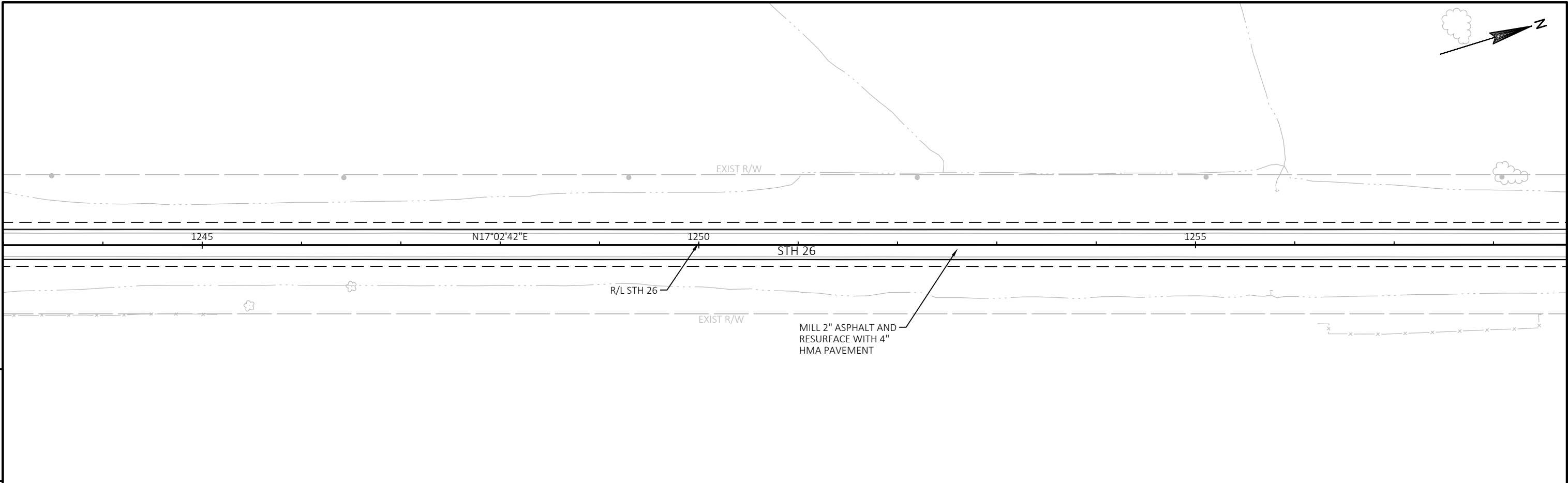
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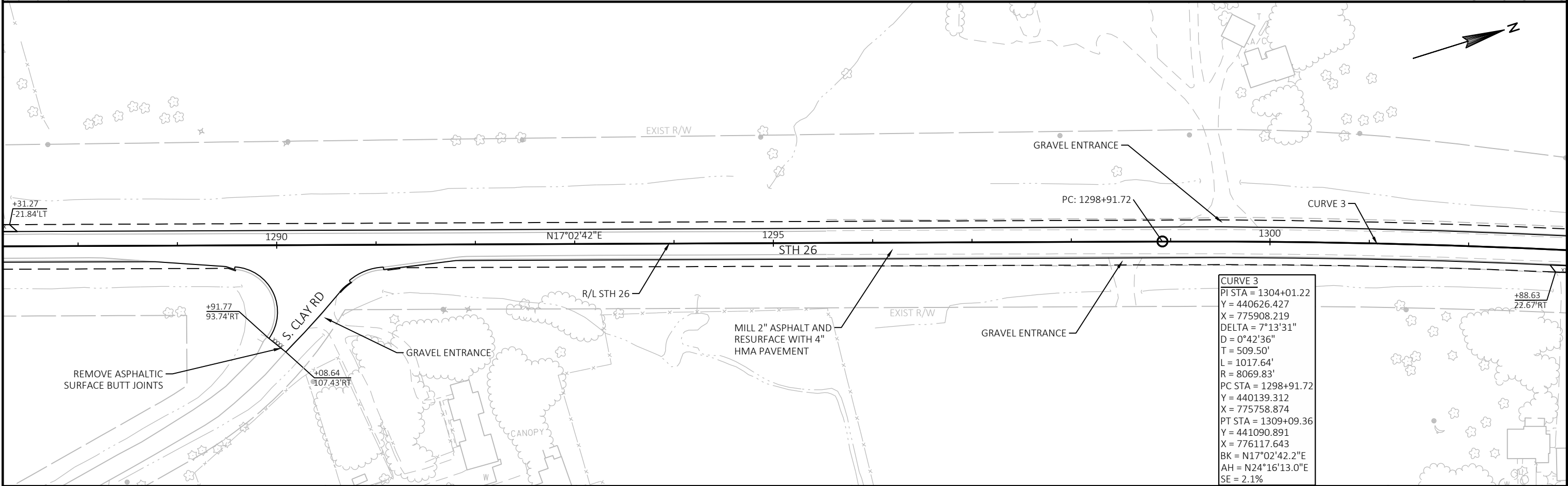
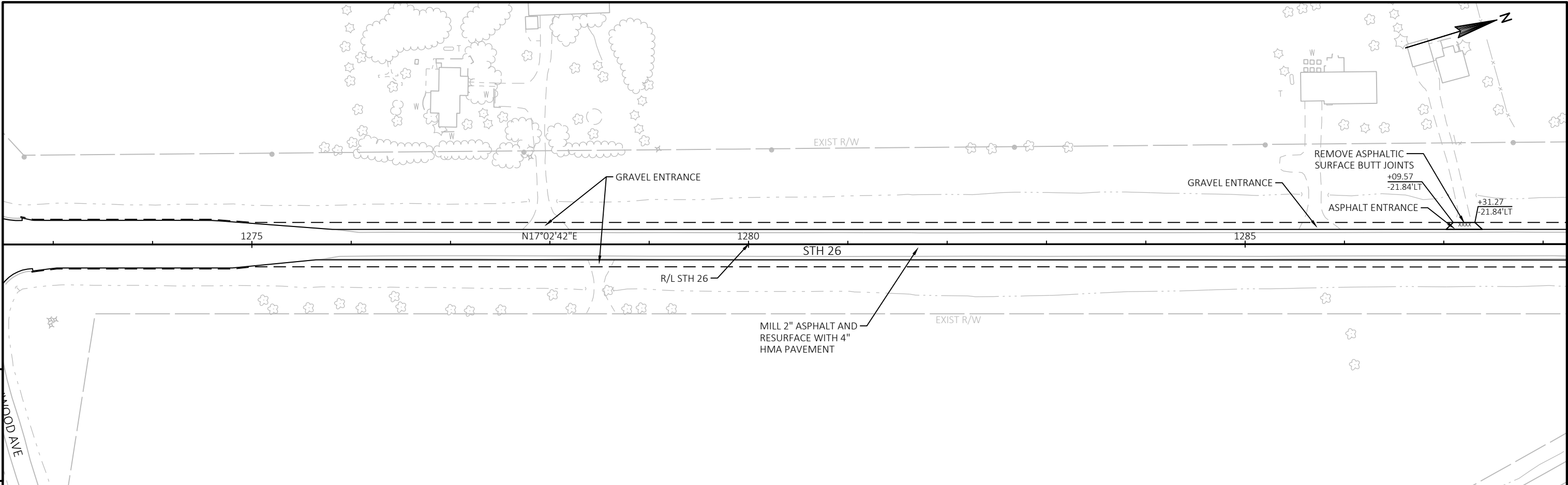
PROJECT NO: 1110-13-71	HWY: STH 26	COUNTY: WINNEBAGO	PLAN SHEETS - STH 26	SHEET 47	E
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PROJECT NO: 1110-13-71	HWY: STH 26	COUNTY: WINNEBAGO	PLAN SHEETS - STH 26	SHEET 48	E
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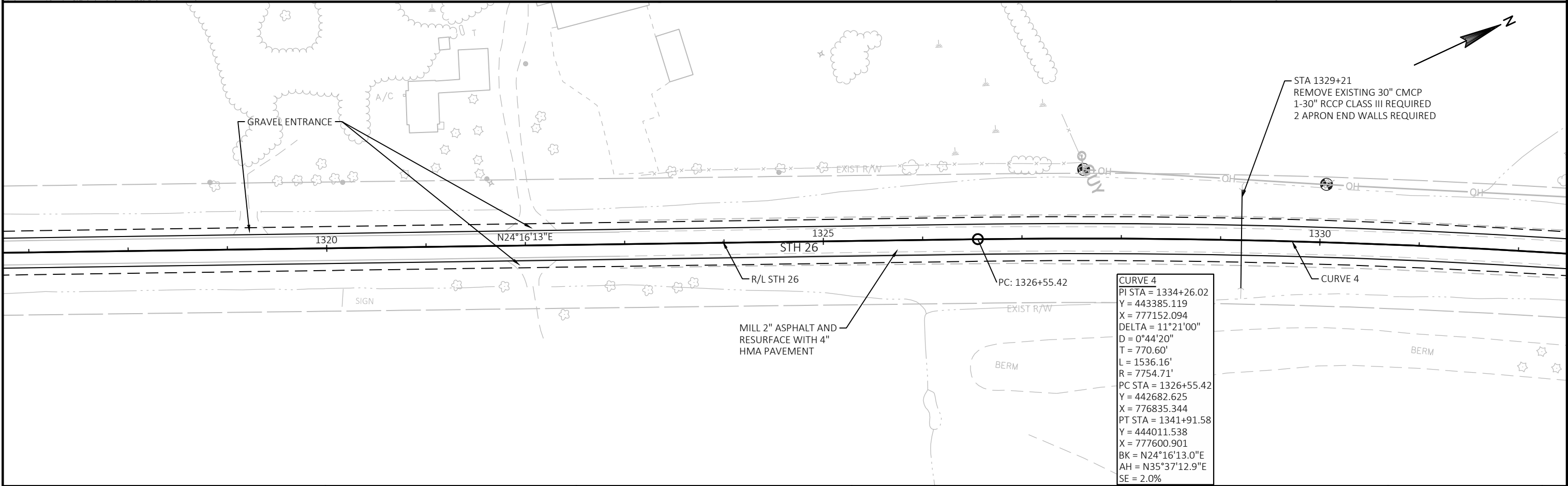
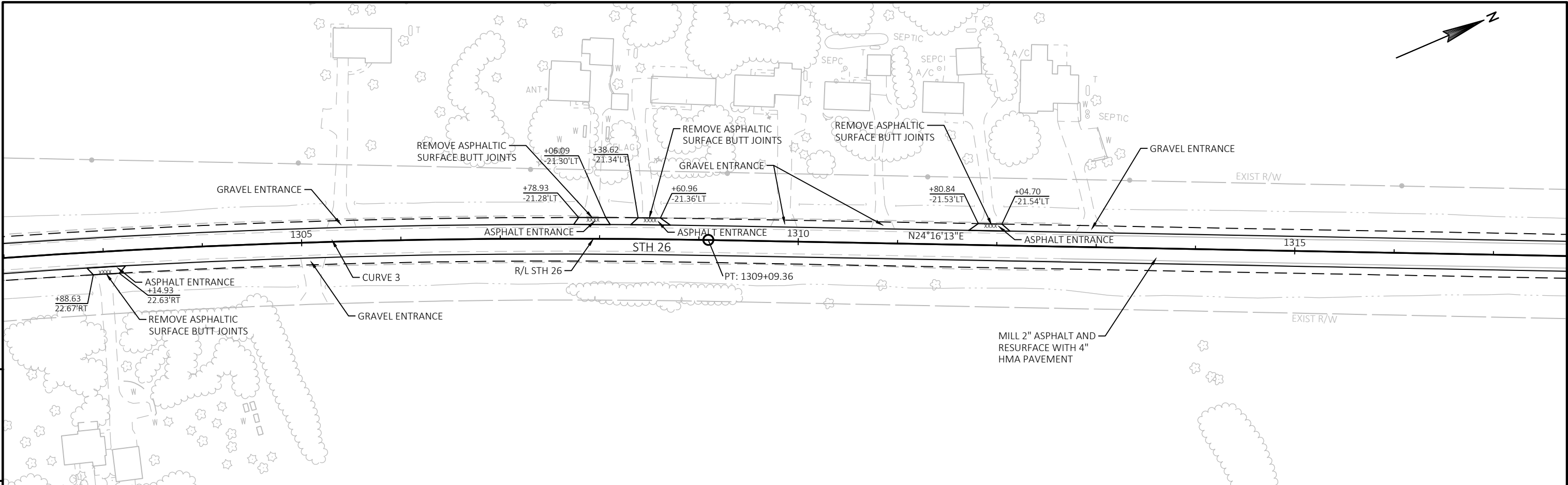


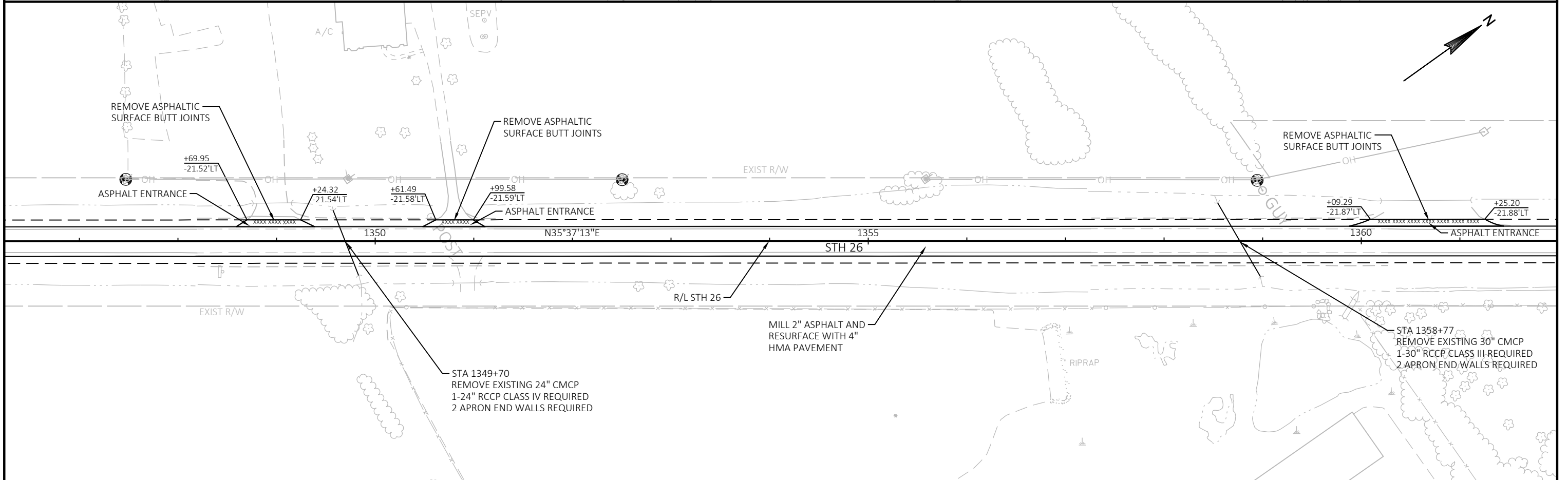
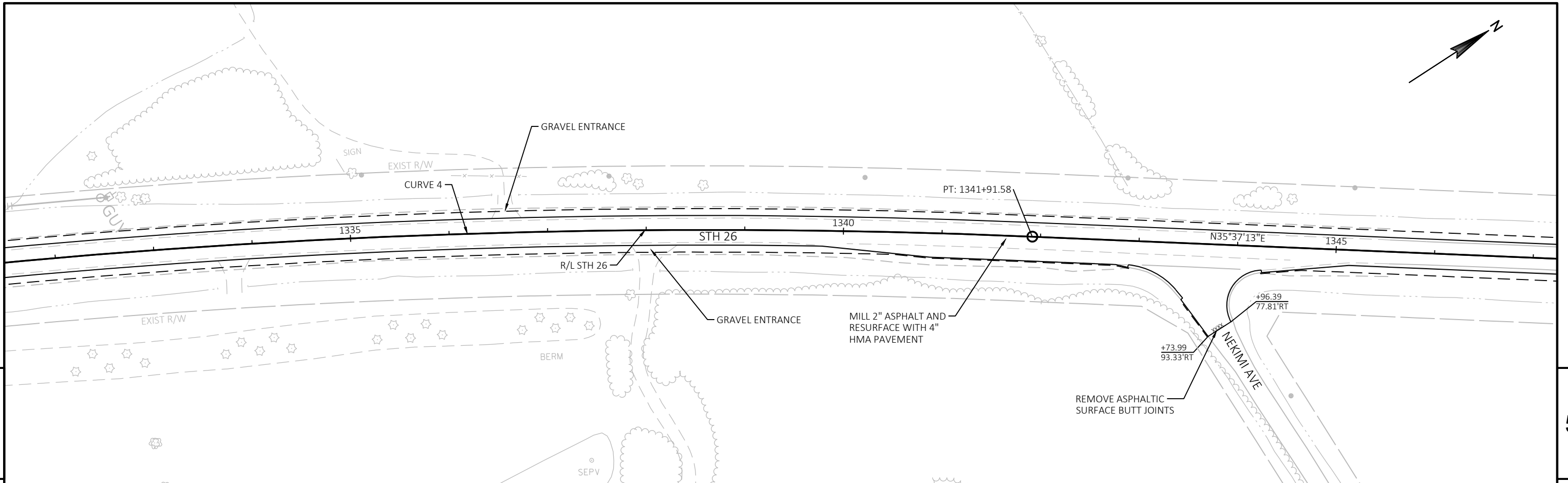
PROJECT NO: 1110-13-71	HWY: STH 26	COUNTY: WINNEBAGO	PLAN SHEETS - STH 26	SHEET 49	E
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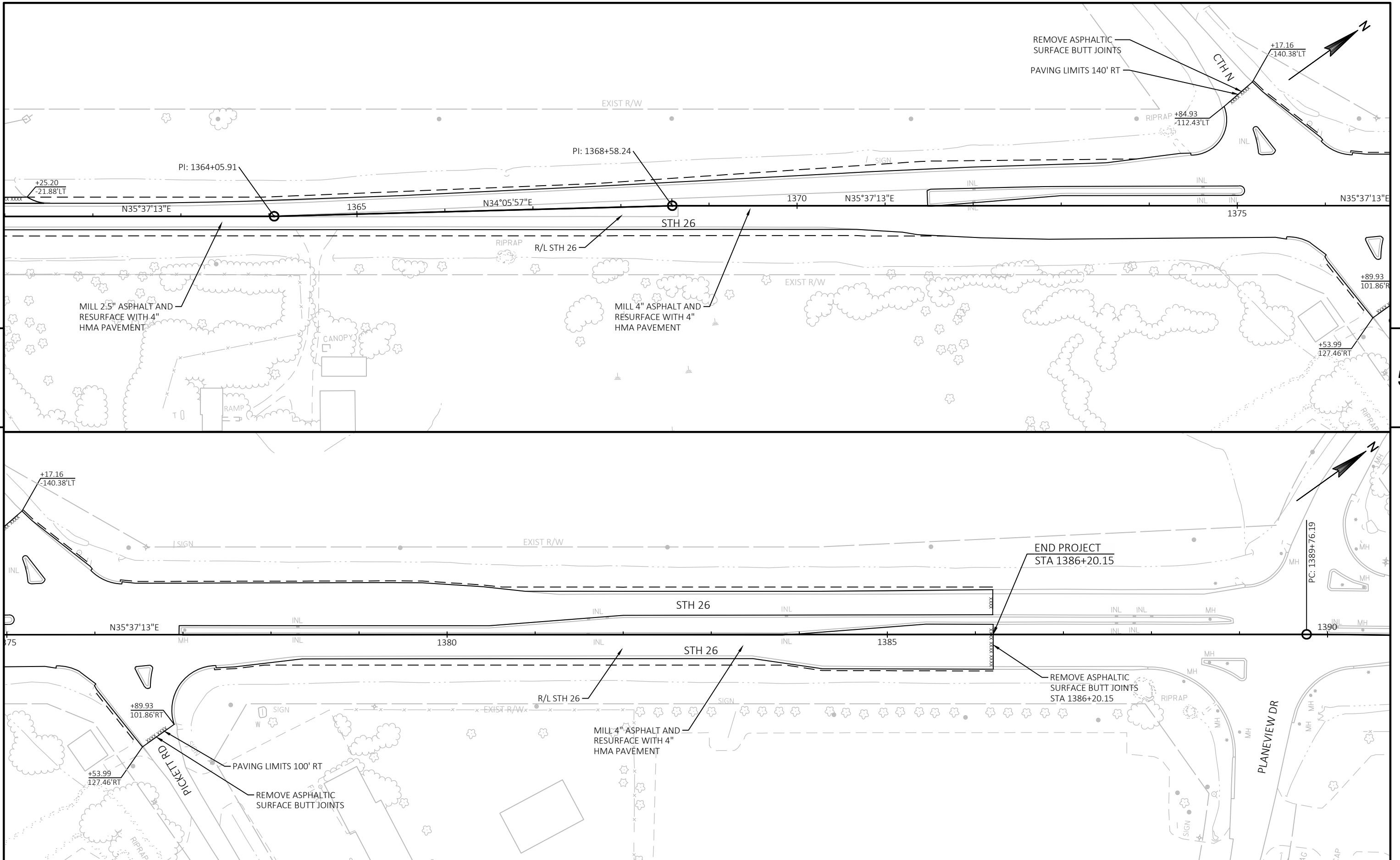
CURVE 3	
PI STA =	1304+01.22
Y =	440626.427
X =	775908.219
DELTA =	7°13'31"
D =	0°42'36"
T =	509.50'
L =	1017.64'
R =	8069.83'
PC STA =	1298+91.72
Y =	440139.312
X =	775758.874
PT STA =	1309+09.36
Y =	441090.891
X =	776117.643
BK =	N17°02'42.2"E
AH =	N24°16'13.0"E
SE =	2.1%

PROJECT NO:	1110-13-71	HWY:	STH 26	COUNTY:	WINNEBAGO	PLAN SHEETS - STH 26	SHEET	50	E
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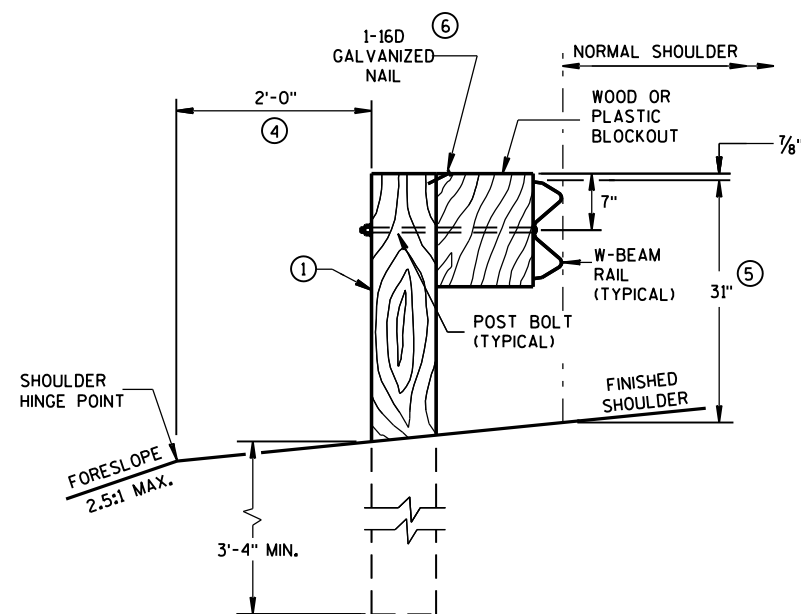
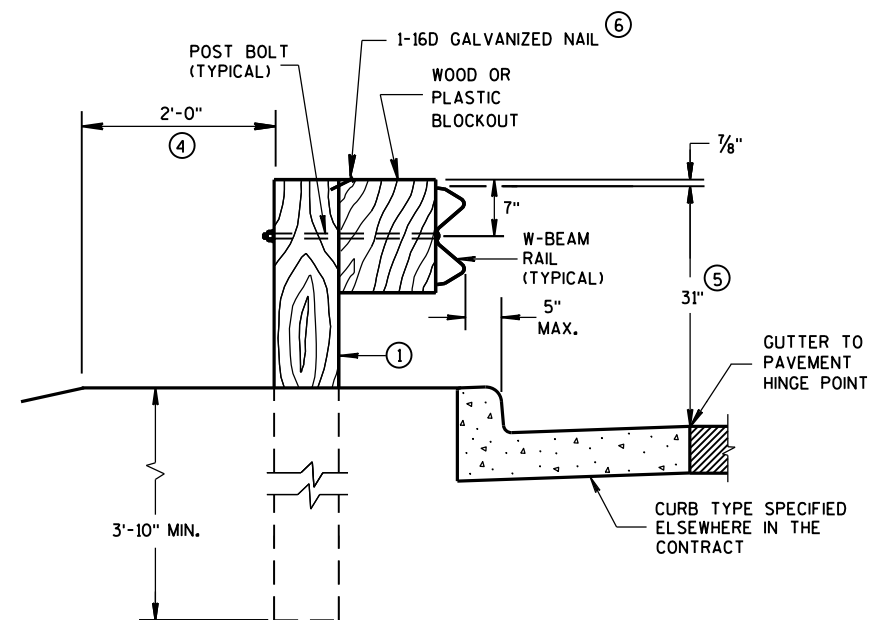
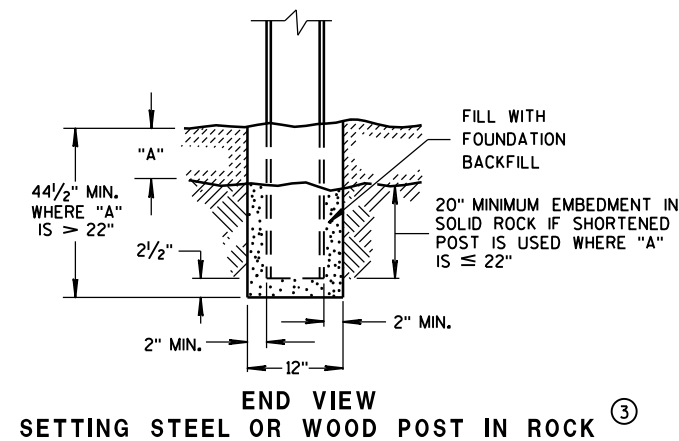




PROJECT NO: 1110-13-71	HWY: STH 26	COUNTY: WINNEBAGO	PLAN SHEETS - STH 26	SHEET 52	E
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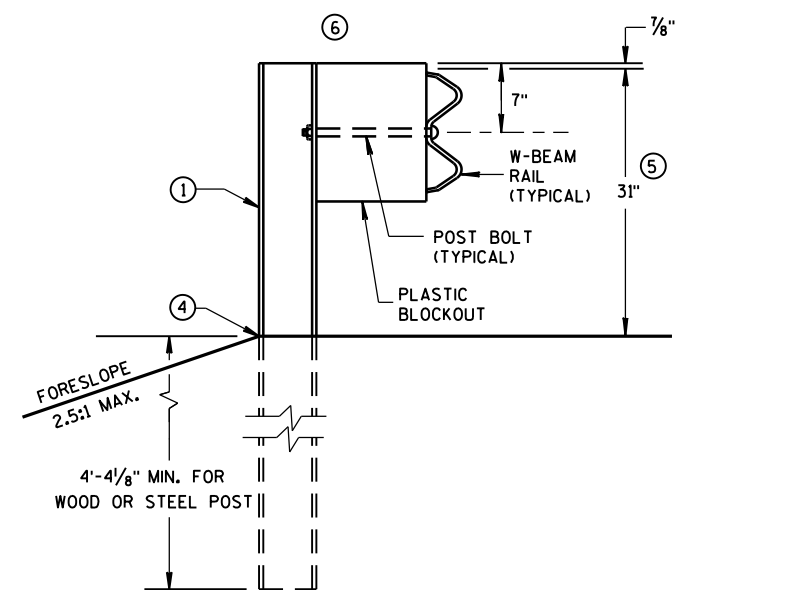


- ① WOOD OR STEEL POSTS (W6X9 OR W6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.
- ② USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.
- ③ IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY $2\frac{1}{2}$ INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS TO THE LENGTH AND INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.
- ④ WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).
- ⑤ FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS $\pm 1"$. FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN $27\frac{3}{4}"$ TO 32".
- ⑥ WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

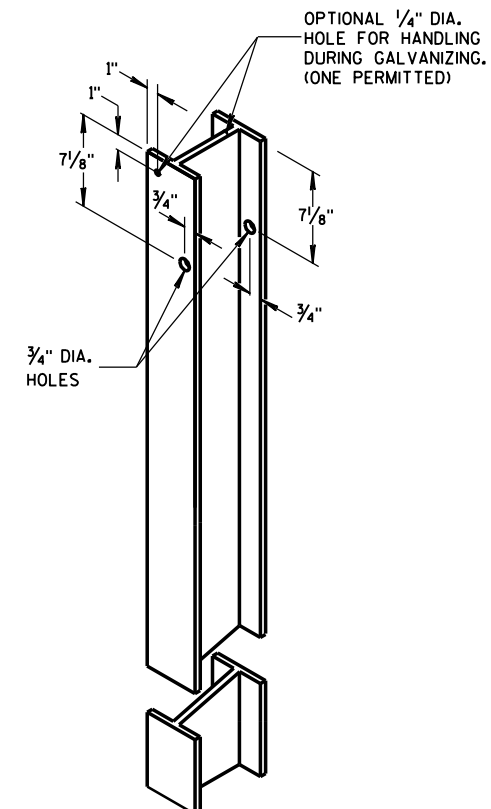


END VIEW

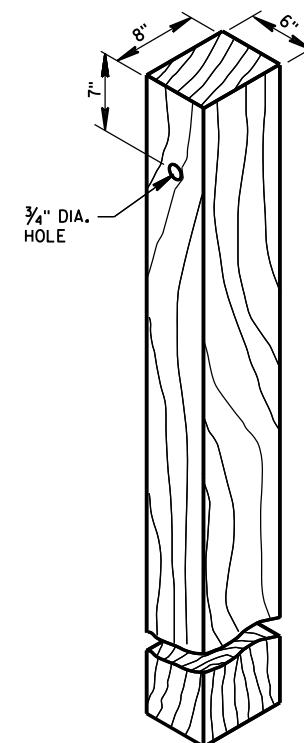
LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



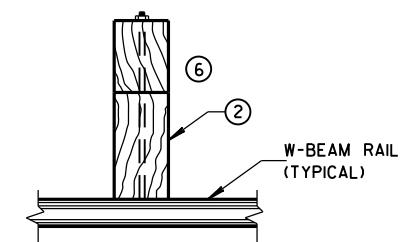
MG5 LONGER POST AT HALFPOST SPACING W BEAM (K)



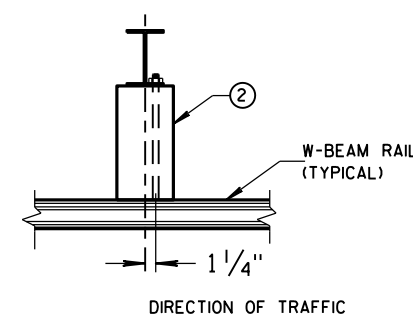
**STEEL POST &
HOLE PUNCHING DETAIL
(w6X9)^①**



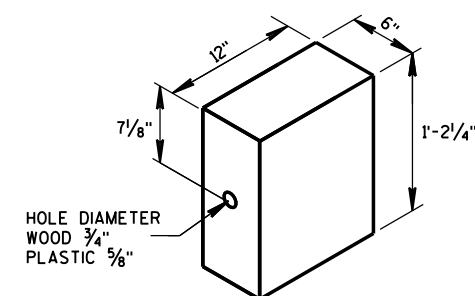
WOOD POST
(6" X 8") NOMINAL ^①



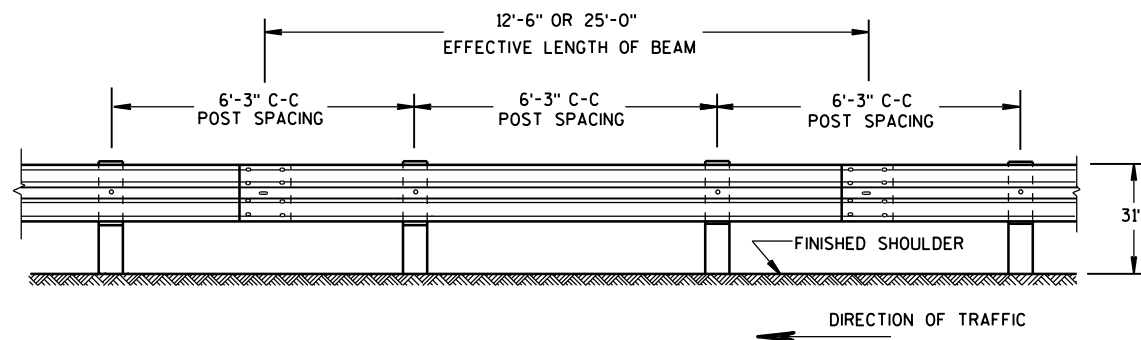
PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



PLAN VIEW
STEEL POST,
PLASTIC BLOCKOUT & BEAM

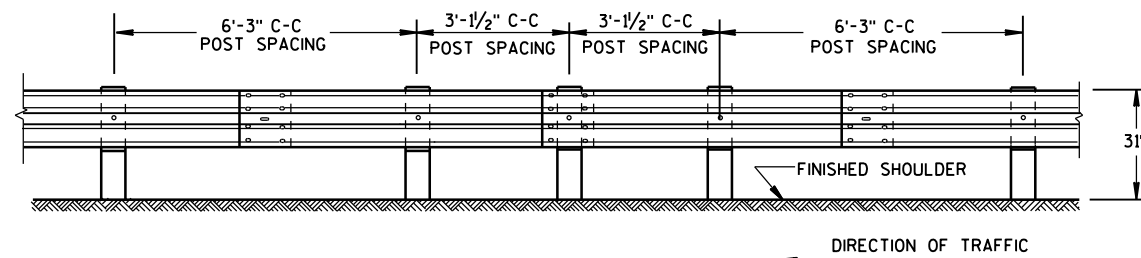


**WOOD OR
PLASTIC BLOCKOUT** ⁽²⁾



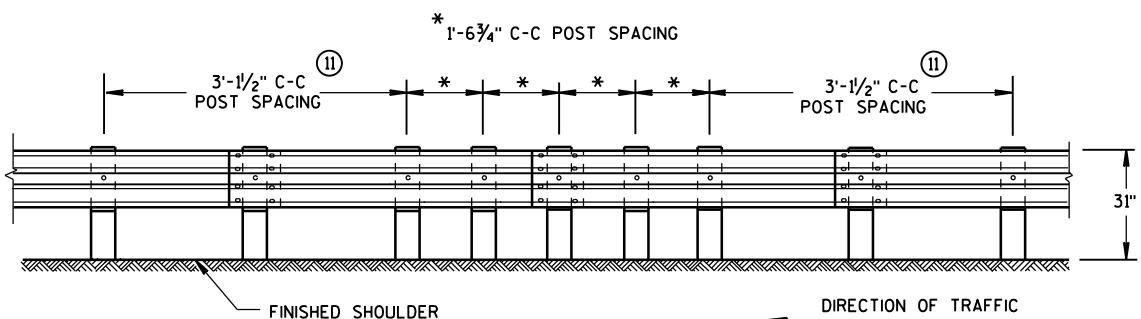
FRONT VIEW

POST SPACING STANDARD INSTALLATION



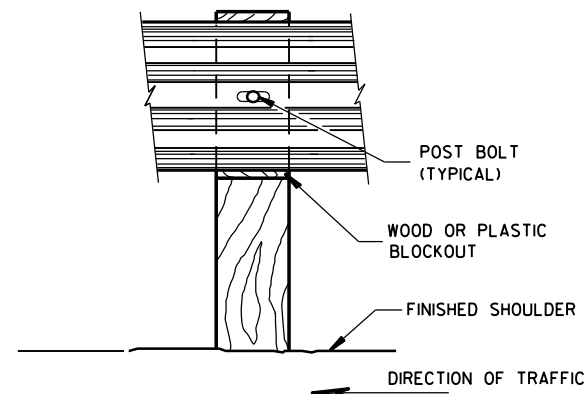
FRONT VIEW

HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)

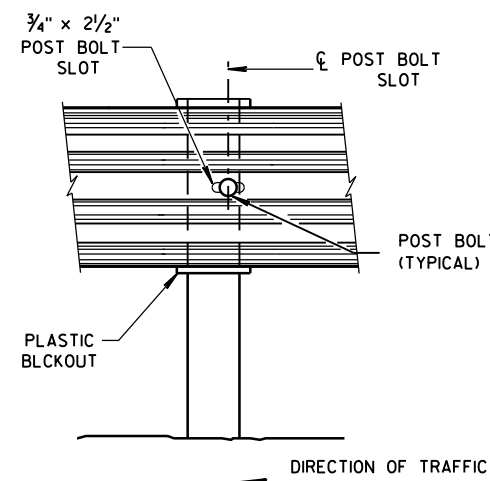


FRONT VIEW

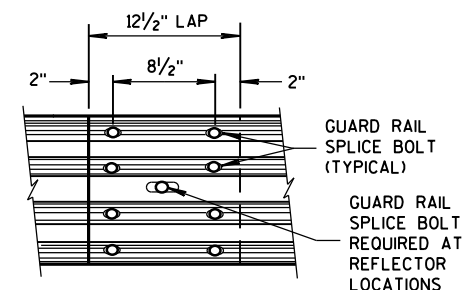
QUARTER POST SPACING (QS)



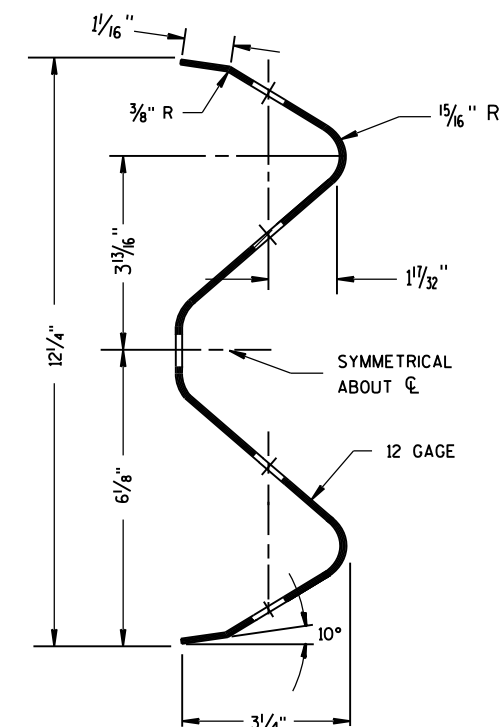
FRONT VIEW AT WOOD POST



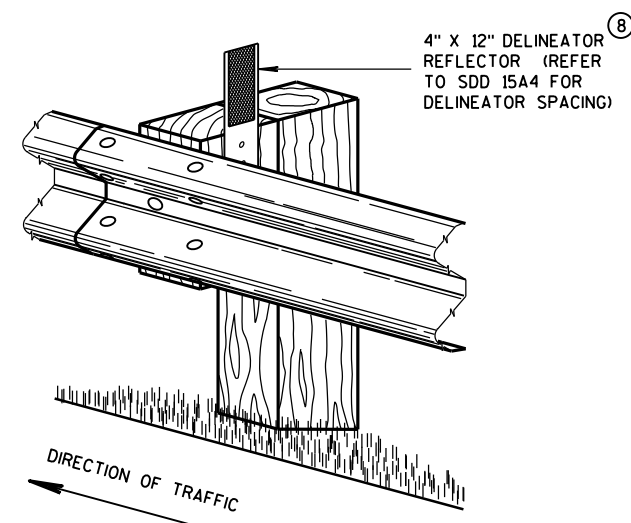
FRONT VIEW AT STEEL POST



FRONT VIEW
MID-SPAN BEAM SPLICE



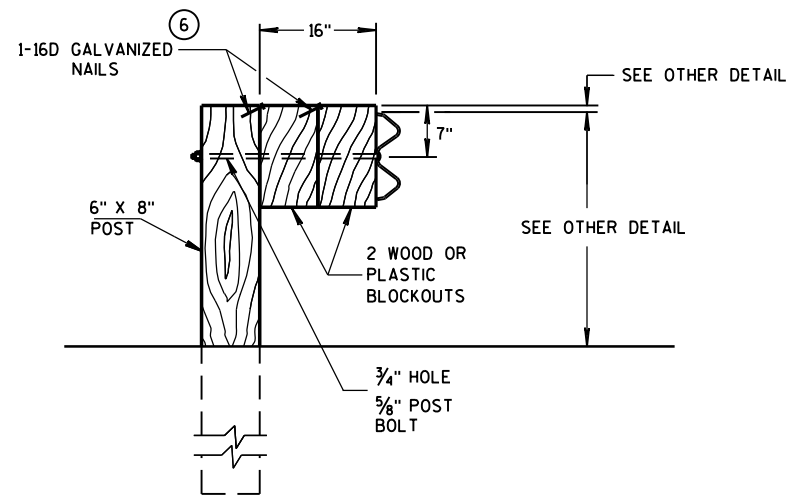
SECTION THRU W-BEAM RAIL



ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

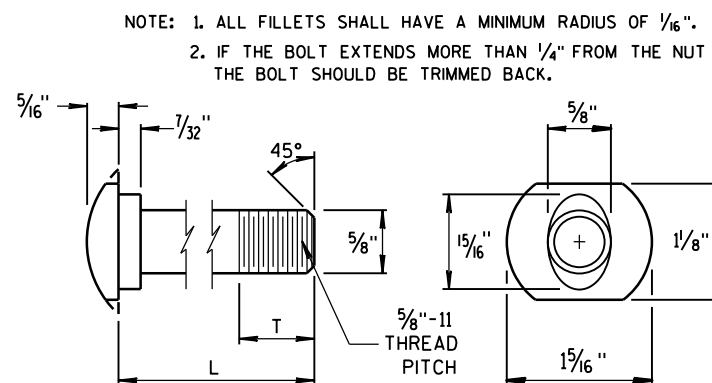
GENERAL NOTES

- ⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL. RAIL SPLICE LOCATIONS ARE THE ONLY ACCEPTABLE LOCATIONS FOR REFLECTORS.
- ⑪ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.
POST BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND 5/8" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.
GUARD RAIL SPLICE BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.



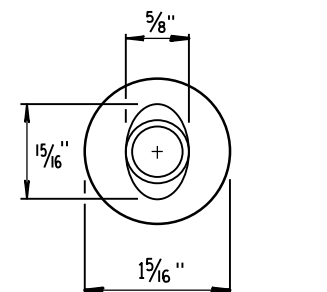
DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

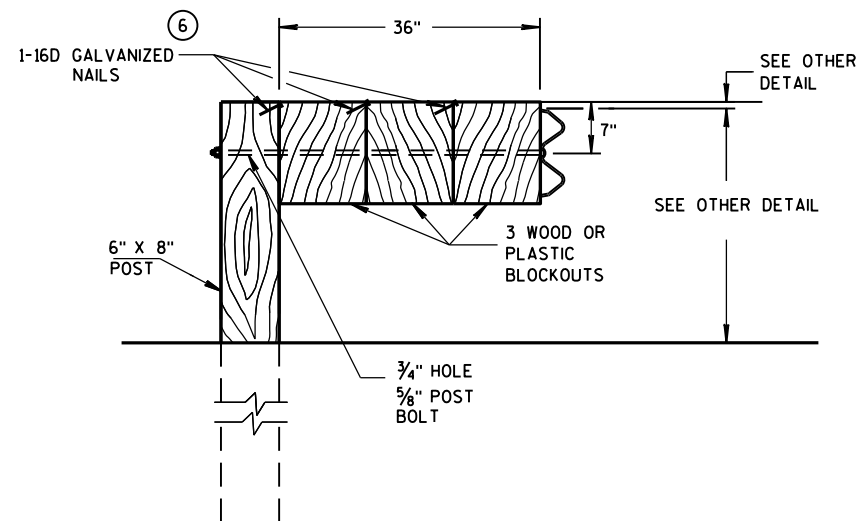


POST BOLT TABLE

L	T (MIN.)
1 1/4"	1 1/8"
2"	1 3/4"
10"	4"
14"	4 1/16"
18"	4"
21"	4 1/16"
25"	4"



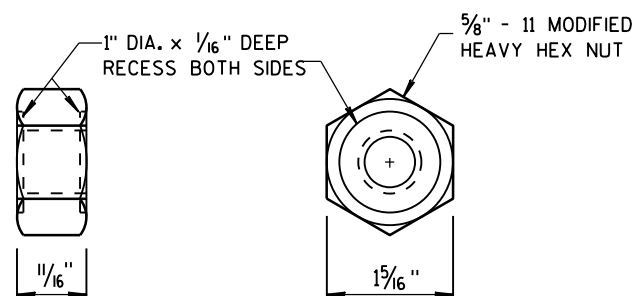
ALTERNATE BOLT HEAD



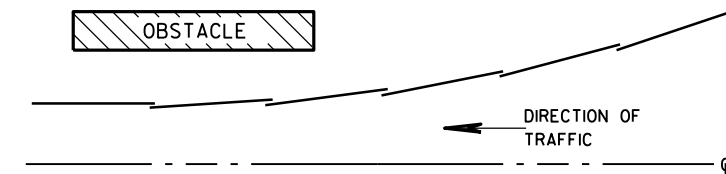
DETAIL FOR 36" BLOCKOUT DEPTH

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

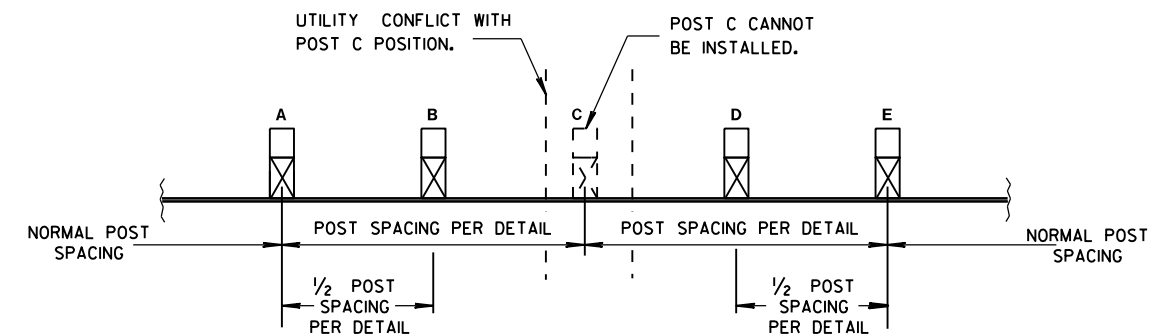
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.



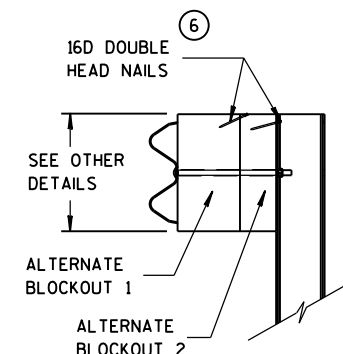
POST BOLT, SPLICE BOLT AND RECESS NUT



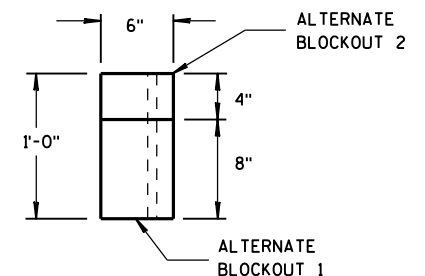
PLAN VIEW
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS
UNDERGROUND OBSTRUCTION



SIDE VIEW

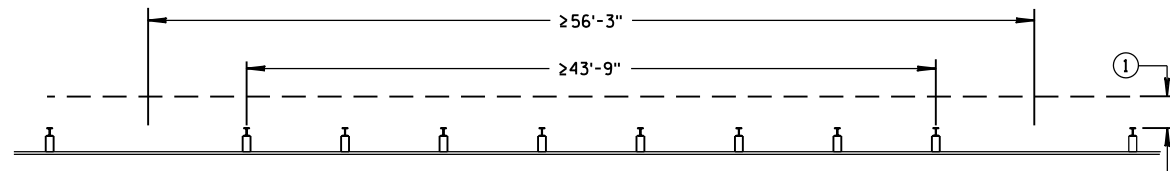


TOP VIEW

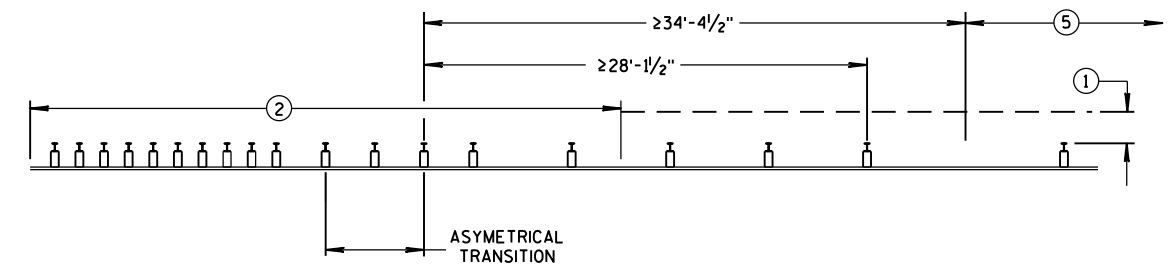
ALTERNATE WOOD
BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

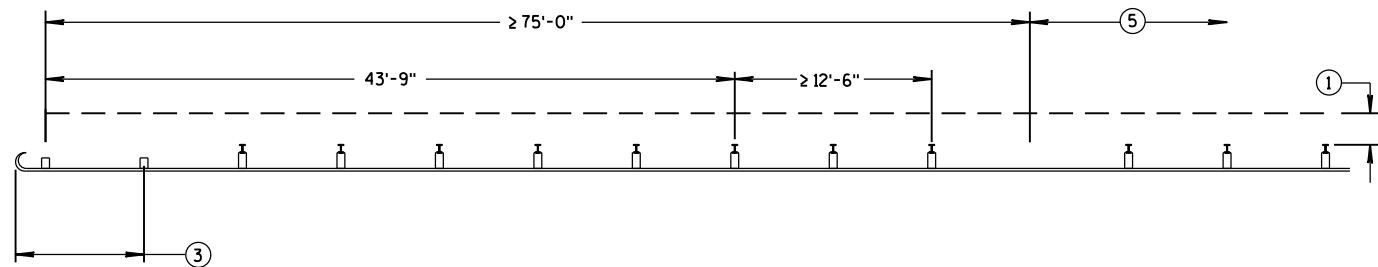
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



MISSING POST IN NORMAL BEAM GUARD RUN

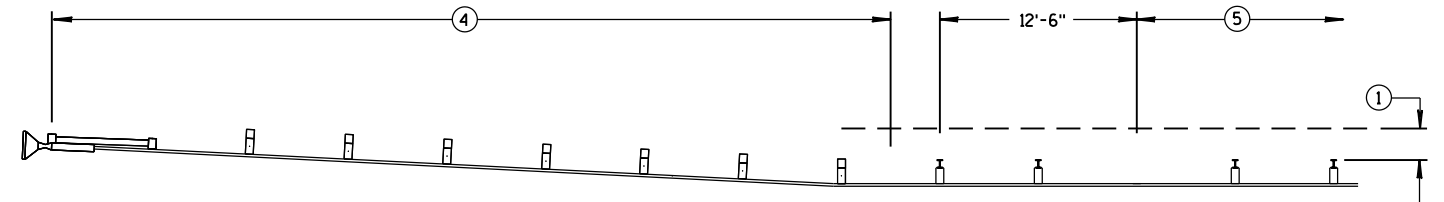


MISSING POST NEAR APPROACH THRIE BEAM TRANSITION

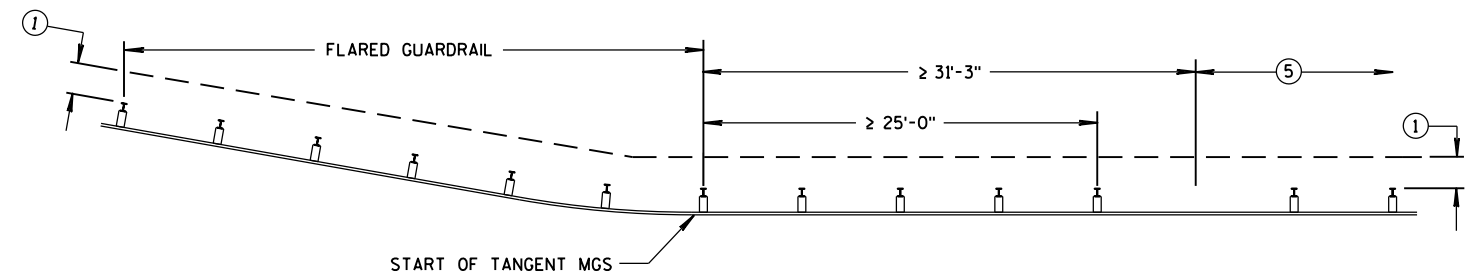


MISSING POST IN NORMAL BEAM GUARD RUN
NEAR TYPE 2 TERMINAL

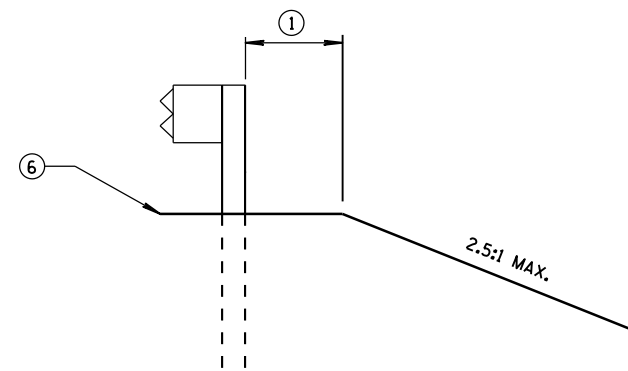
- ① MINIMUM OF 2 FEET OF GRADING BEHIND POST.
- ② SEE SDD 14B45 FOR MORE DETAILS.
- ③ SEE SDD 14B47 FOR MORE DETAILS.
- ④ SEE SDD 14B44 FOR MORE DETAILS.
- ⑤ SEE MISSING POST IN NORMAL BEAM GUARD RUN FOR DISTANCE TO NEXT MISSING POST AND AREA FOR WELL DRAINED, COMPACTED SOILS.
- ⑥ SEE PLAN FOR SHOULDER DESIGN.



MISSING POST IN NORMAL BEAM GUARD RUN NEAR EAT



MISSING POST IN NORMAL BEAM GUARD RUN
NEAR FLARED BEAM GUARD



CROSS SECTION VIEW

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED June 2017 DATE	/S/ Rodney Taylor ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA	



GENERAL NOTES

- (A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL), AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.
- (B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED.
- (C) DIFFERENT MANUFACTURES REQUIRE DIFFERENT PERFORATED W-BEAM RAIL END PANELS. SEE MANUFACTURES INFORMATION.
- (F) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF-TAPPING SCREWS. ONE SCREW PER CORNER.
- (H) HARDWARE VARIES BETWEEN DIFFERENT MANUFACTURES. SEE MANUFACTURE'S DRAWING FOR INFORMATION.

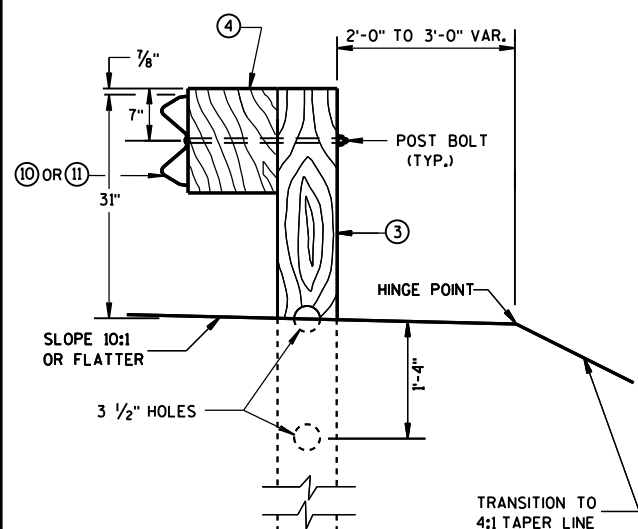
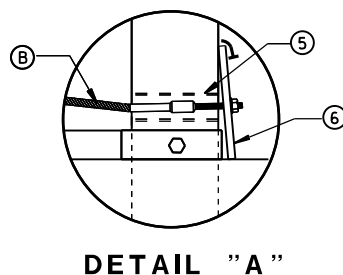
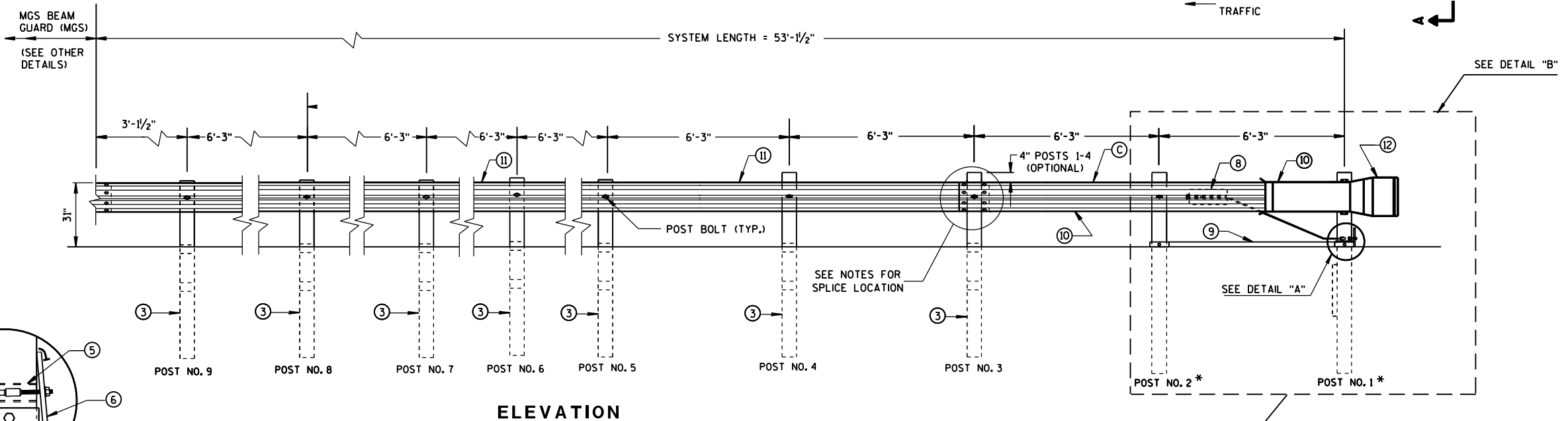
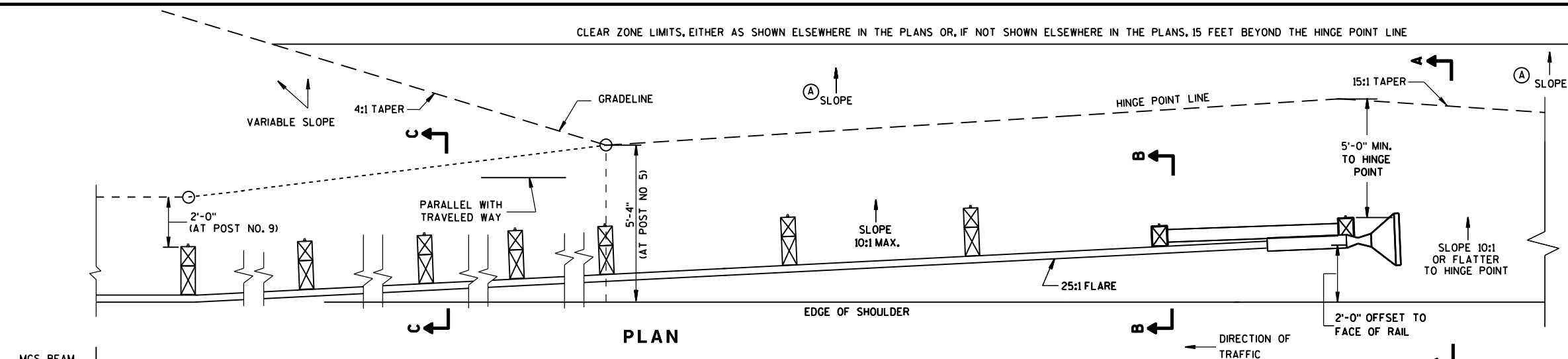
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POSTS 1 AND 2.

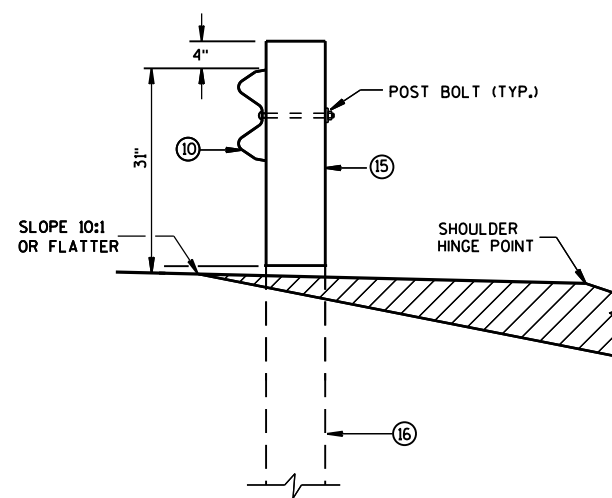
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

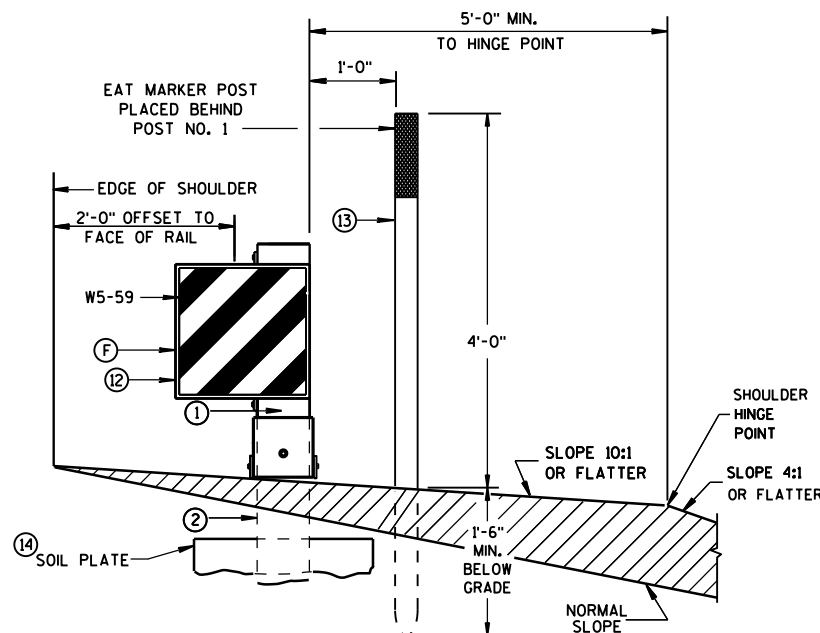
THE CENTER OF THE UPPER $3\frac{1}{2}$ " DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE.



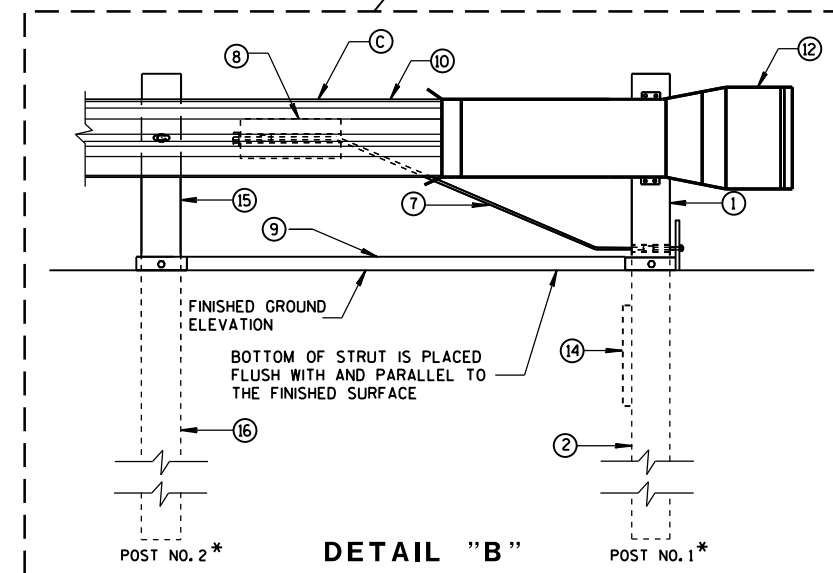
SECTION C-C
TYPICAL AT POST NOS. 3-9



SECTION B-B
TYPICAL AT POST NO. 2*

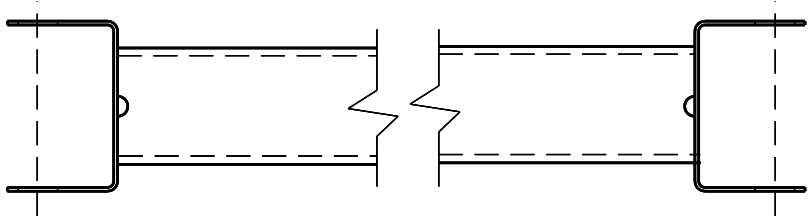


SECTION A-A
TYPICAL AT POST NO. 1*



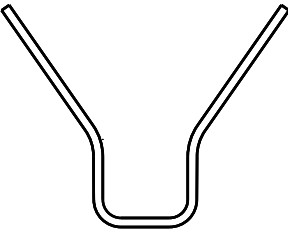
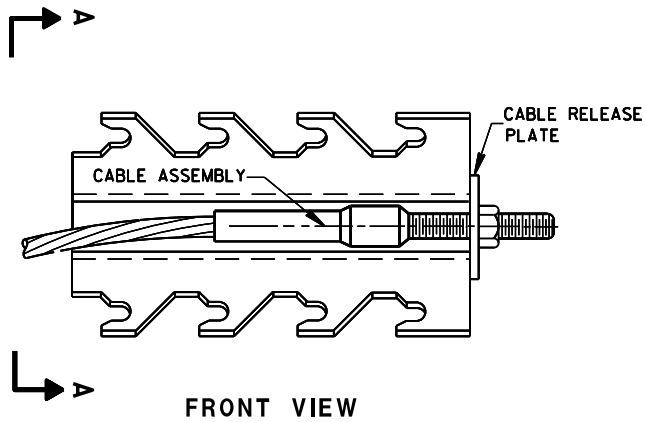
MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



9 H

GENERIC GROUND STRUT



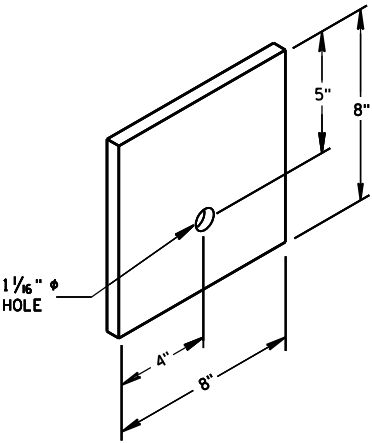
SECTION A-A

8 H

GENERIC ANCHOR CABLE BOX

BILL OF MATERIALS

PART NO.	DESCRIPTION
MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUFACTURER'S DETAILS FOR MORE INFORMATION.	
①	UPPER POST NO.1 6" X 6" TUBE
②	LOWER POST NO.1
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
⑪	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
⑫	IMPACT HEAD
⑬	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
⑭	SOIL PLATE
⑮	UPPER POST NO. 2
⑯	LOWER POST NO. 2

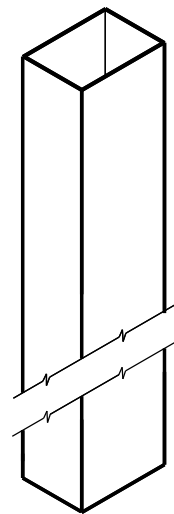


6

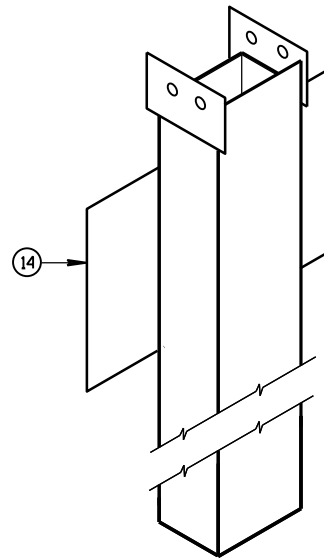
BEARING PLATE

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

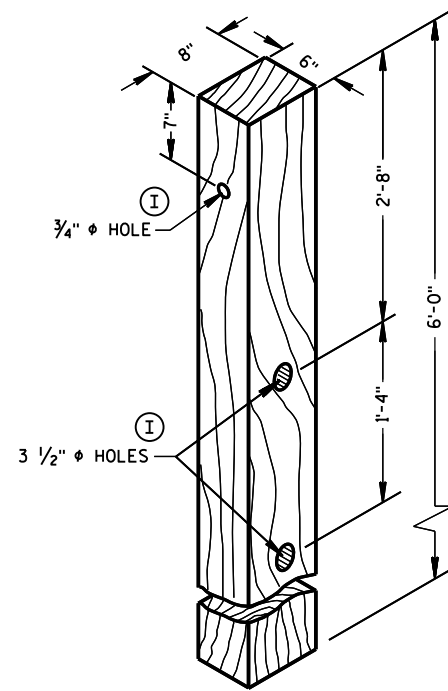
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



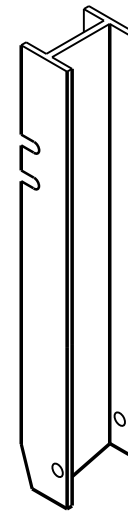
UPPER POST NO. 1⁽¹⁾



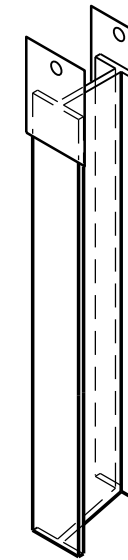
LOWER POST NO. 1⁽²⁾



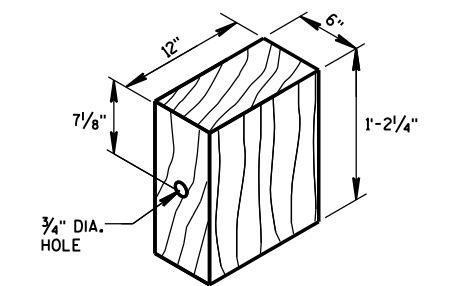
POSTS NUMBER 3-9
WOOD CRT POST⁽³⁾



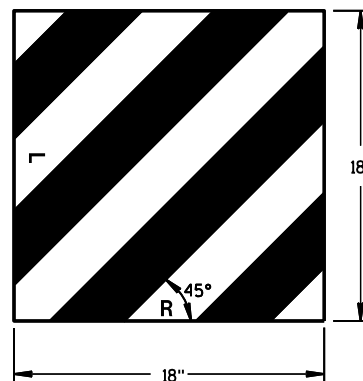
UPPER POST NO. 2⁽¹⁵⁾



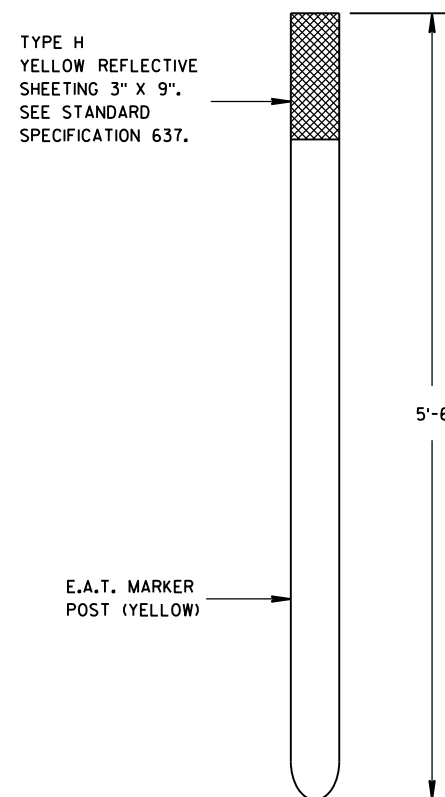
LOWER POST NO. 2⁽¹⁶⁾



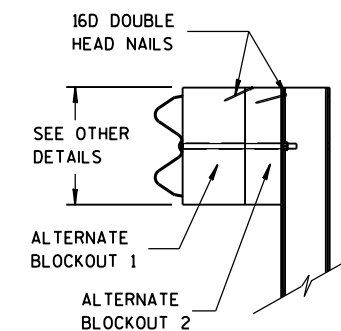
WOOD BLOCKOUT⁽⁴⁾
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



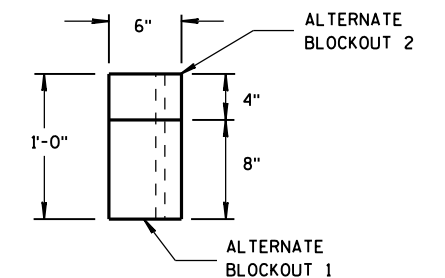
REFLECTIVE SHEETING DETAIL^(H)



FRONT VIEW
SIDE VIEW
E.A.T. MARKER POST⁽¹³⁾



SIDE VIEW



TOP VIEW

ALTERNATE WOOD
BLOCKOUT DETAIL

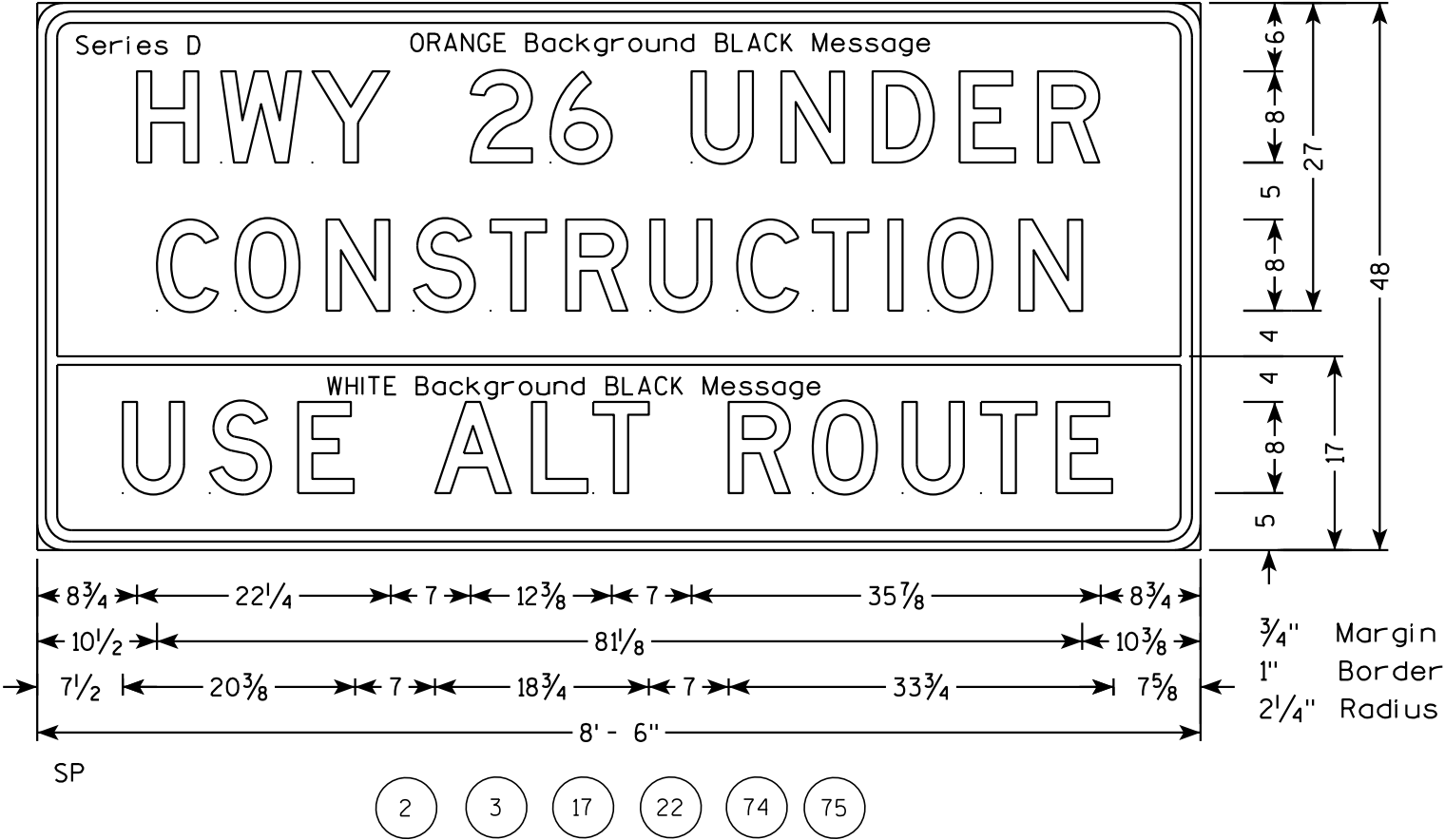
MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

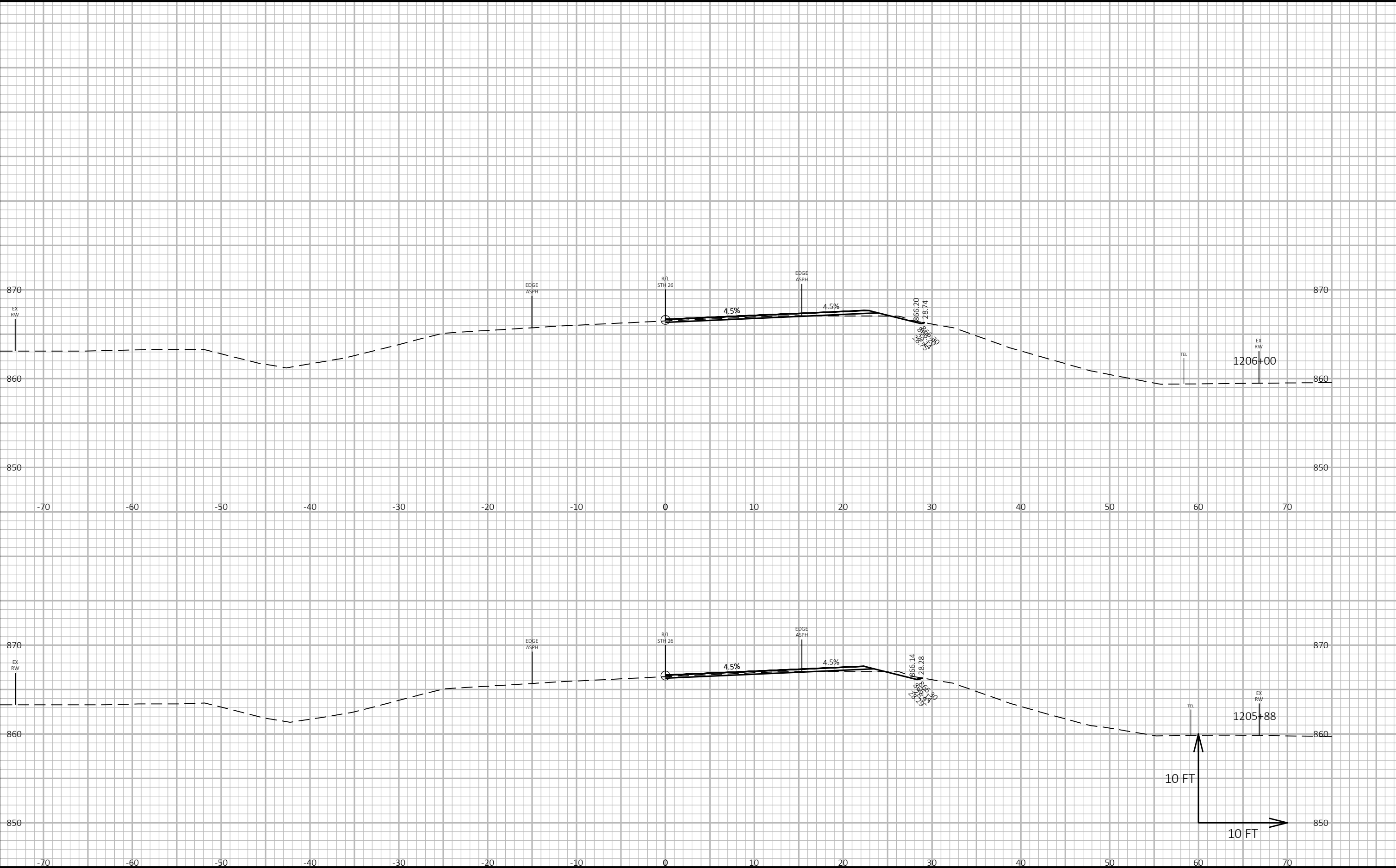
APPROVED
DATE: June 2017
DATE: /S/ Rodney Taylor
DATE: ROADWAY STANDARDS DEVELOPMENT
DATE: UNIT SUPERVISOR
FHWA

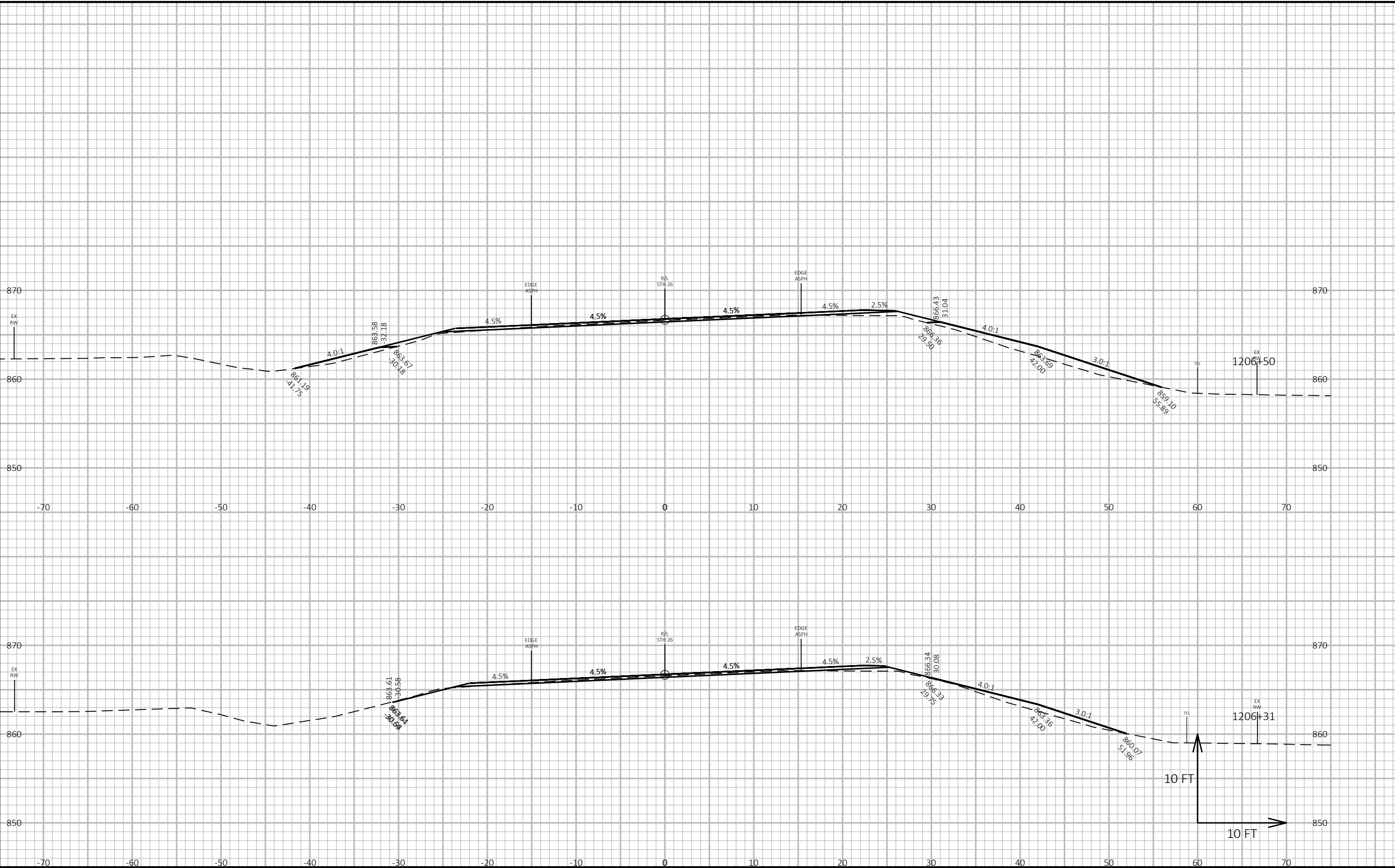
NOTES

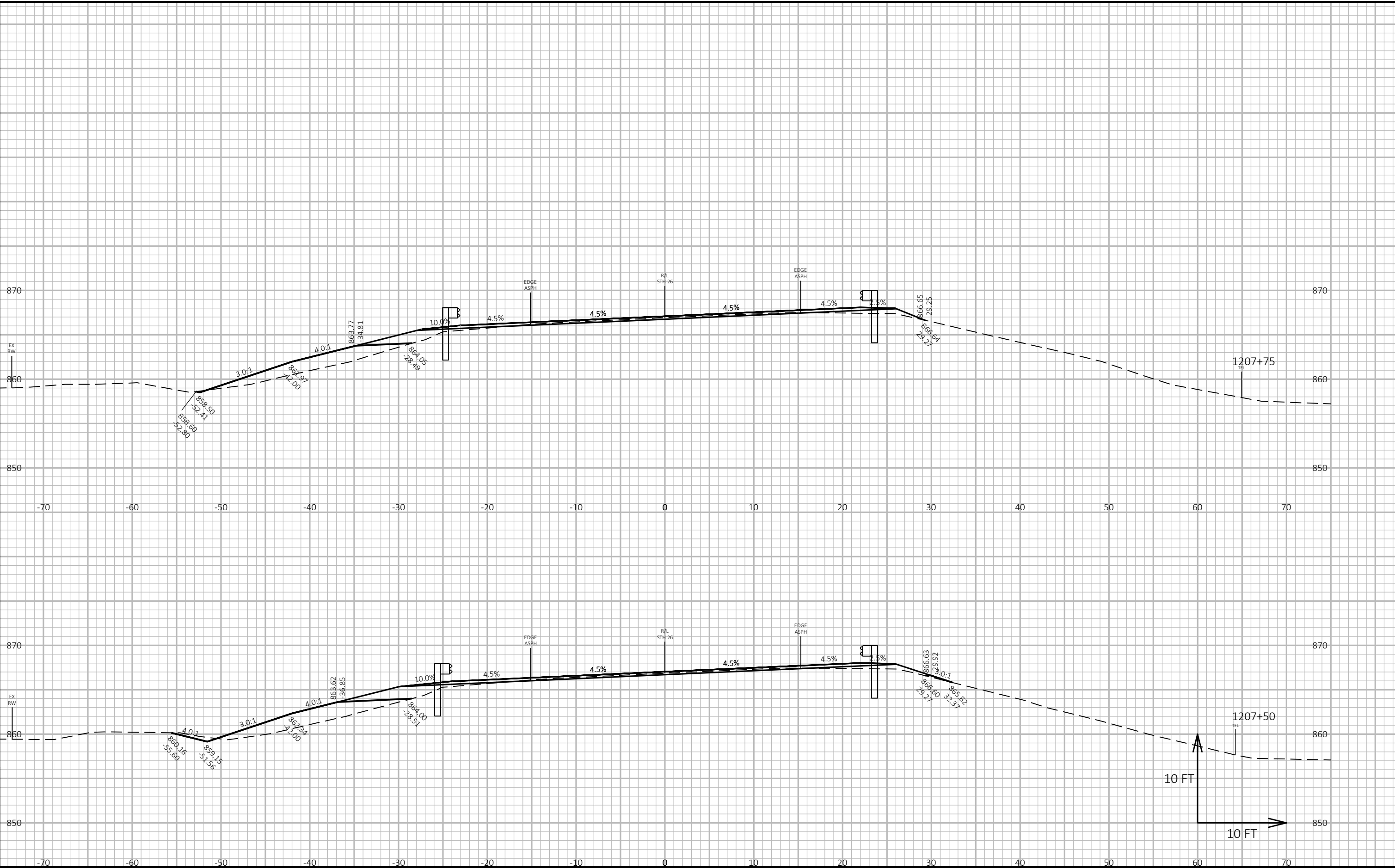
- 1. All Signs Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:
Background - ORANGE OR WHITE as noted
Message - BLACK
- 3. Message Series - E except as noted

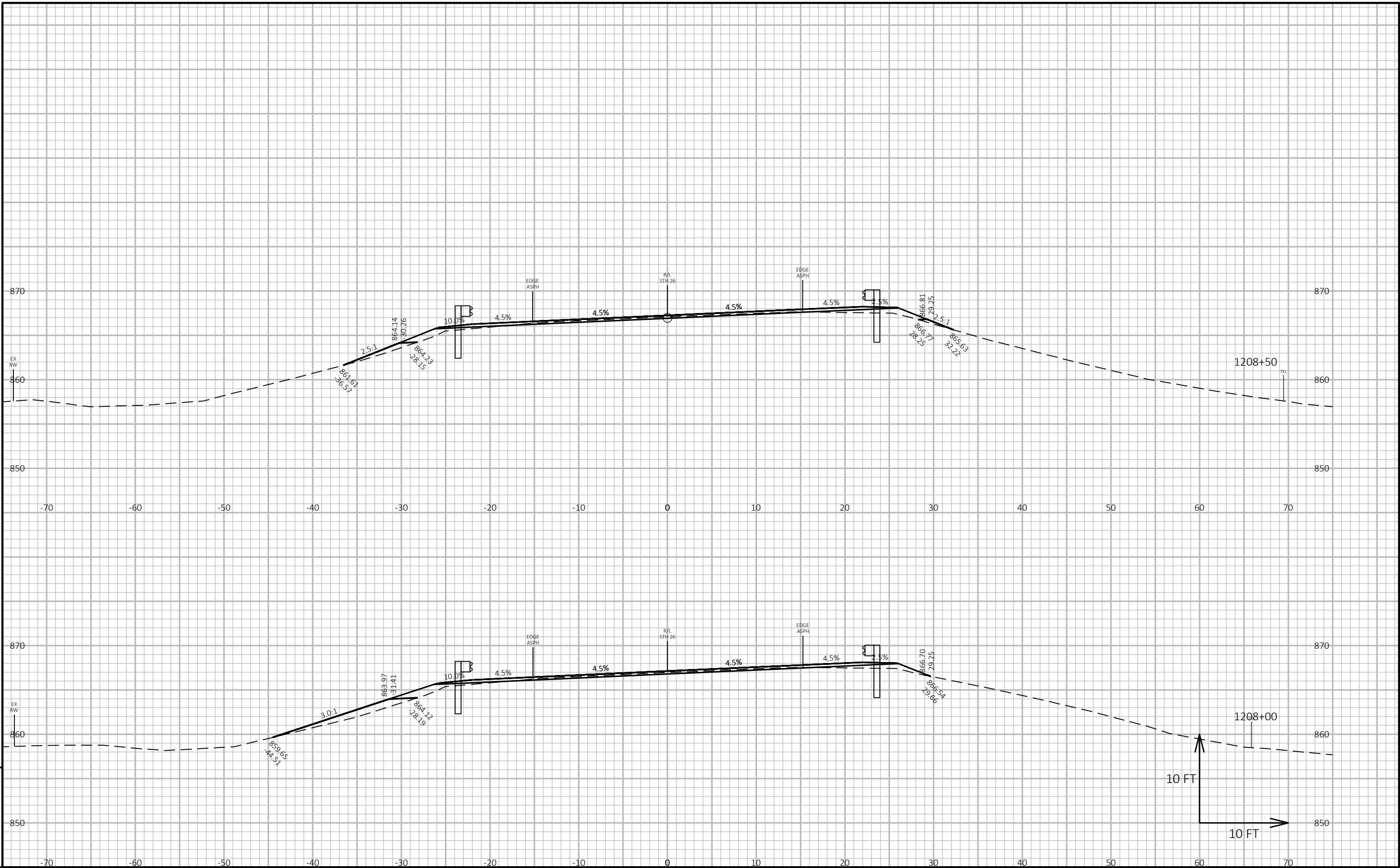


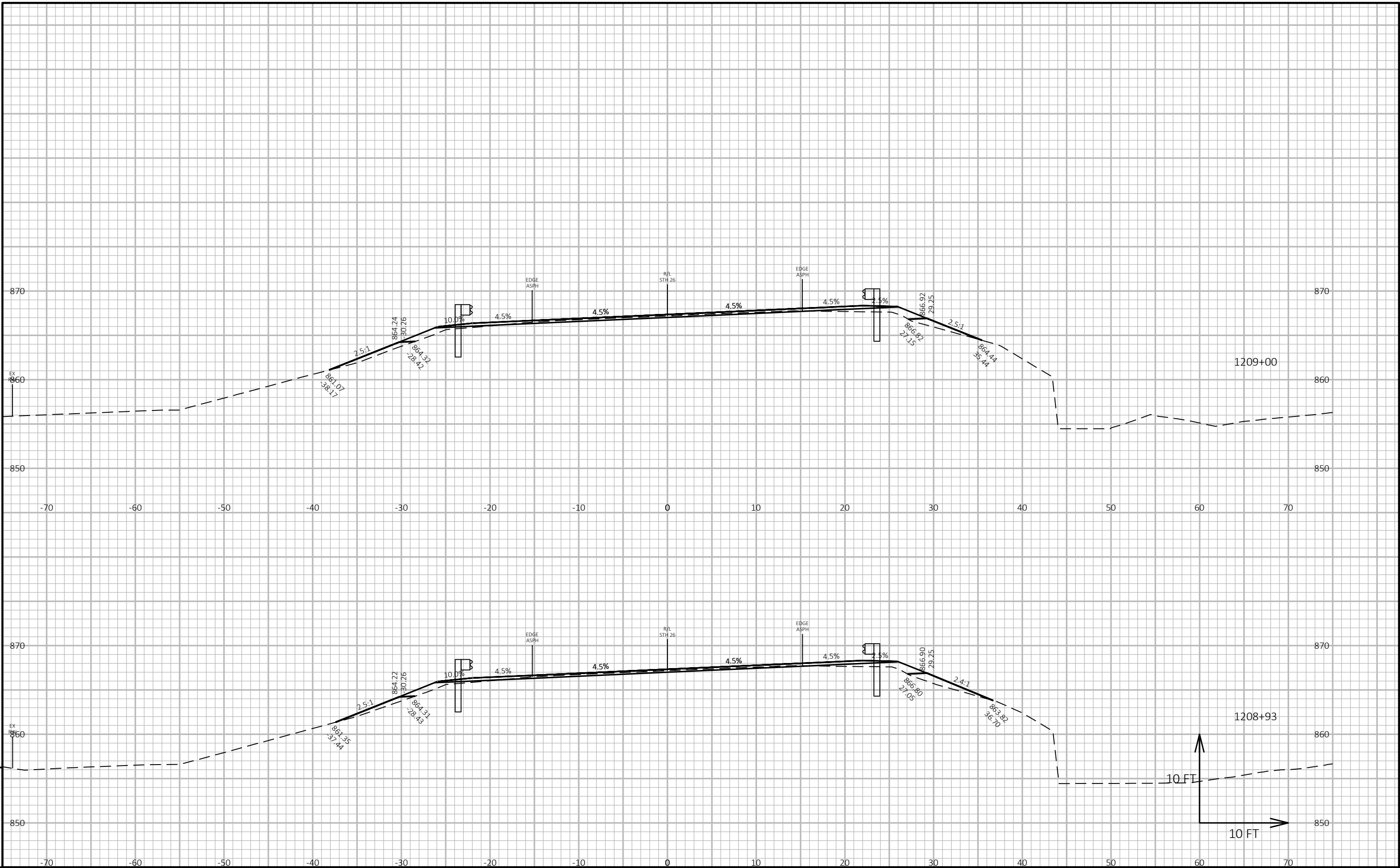
PLAN SHEET PRODUCED
BY WisDOT-NE REGION

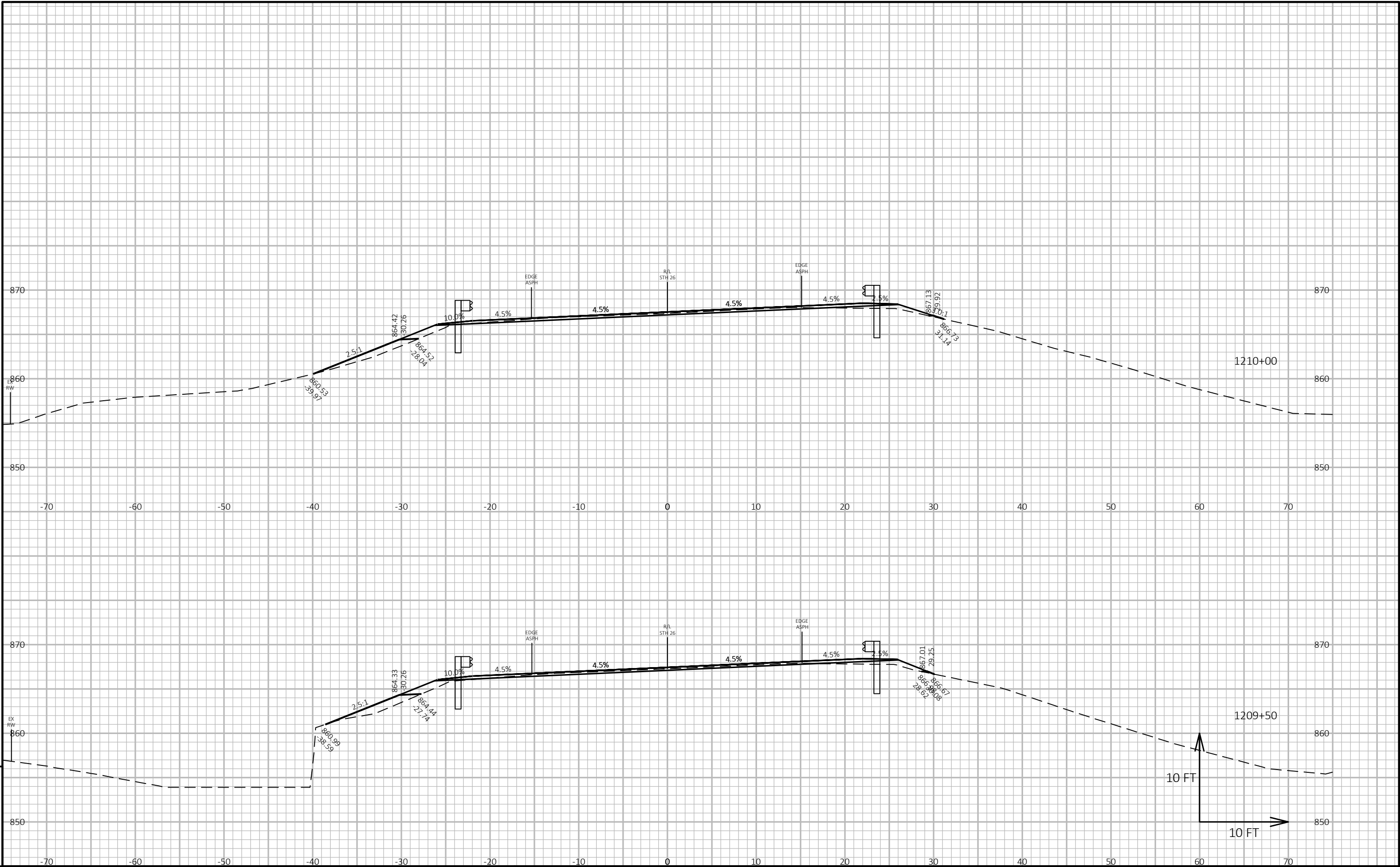


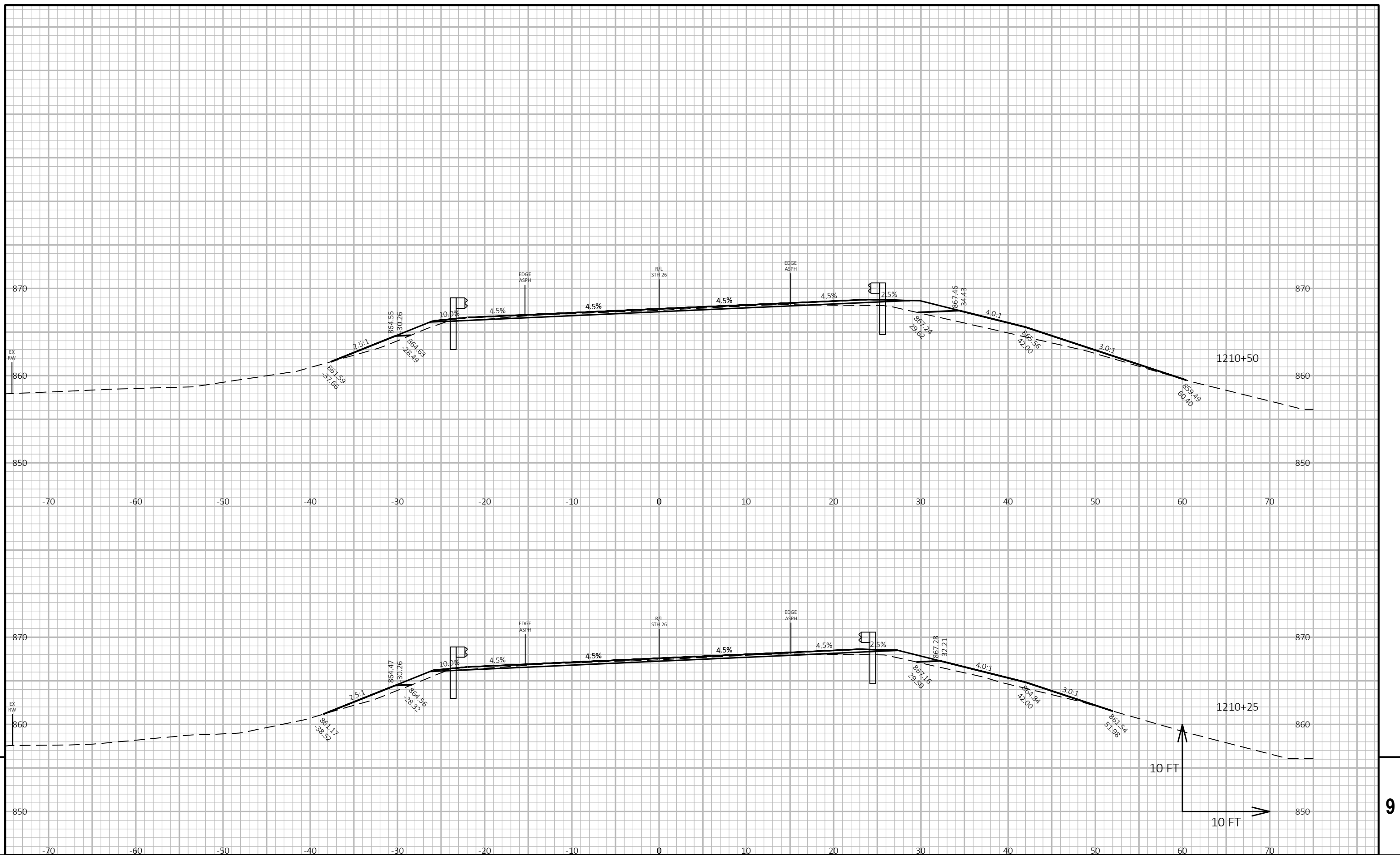
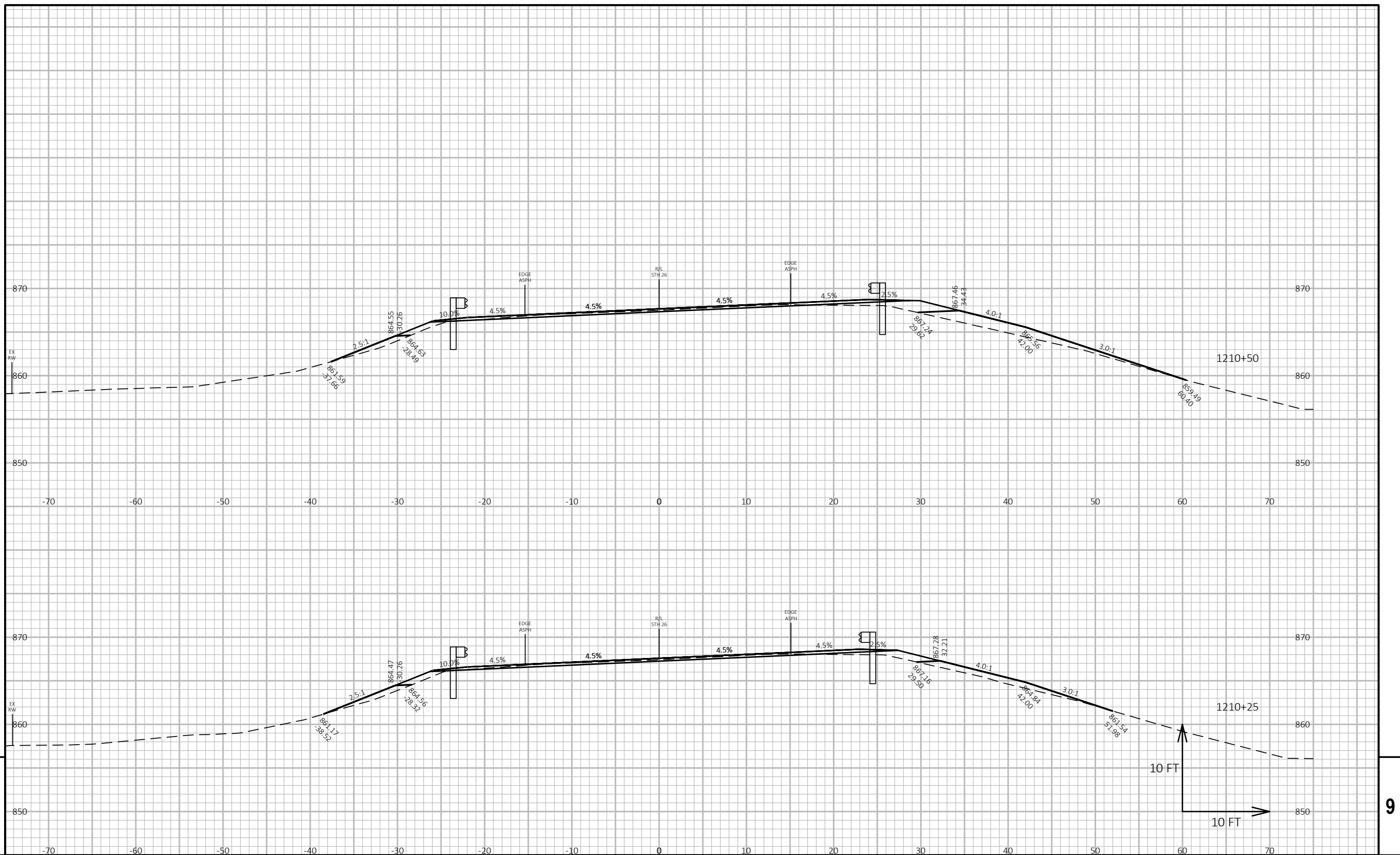












PROJECT NO: 1110-13-71	HWY: STH 26	COUNTY: WINNEBAGO	CROSS SECTIONS: STH 26	SHEET 62	E
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FILE NAME :	S:\CURRPROJ\WINNEBCO\STH 26\CIVIL3D\11101300\SHEETSPLAN\090100-XS.DWG	PLOT DATE :	4/19/2018 2:11 PM	PLOT BY :	BENJAMIN OITZINGER	PLOT NAME :		PLOT SCALE :	1 IN:10 FT HORZ. / 1 IN:10 FT VERT.		
LAYOUT NAME -	090208-xs									WISDOT/CADDS SHEET 49	

