

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9170-12-71		

PROJECT	CONTRACT
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Date: 05/11/2020

Date: 05/11/2020

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PLOT NAME :

GENERAL NOTES

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

UTILITY CONTACTS

NAME
COMPANY
ADDRESS
PHONE
EMAIL

DNR LIASION

JIM DOPERALSKI
DEPARTMENT OF NATURAL RESOURCES
NORTHEAST REGION
2984 SHAWANO AVE
GREEN BAY, WI 54313
(920)662-5119
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OCONTO COUNTY COMMISSIONER

PATRICK J. SCANLAN
HIGHWAY COMMISSIONER
202 VAN DYKE STREET
OCONTO, WI 54153
(920)834-6885
pat.scanlan@co.oconto.wi.us

NE REGION SURVEY COORDINATOR

CORMAC MCINNIS, RLS
944 VANDERPERREN WAY
GREEN BAY, WI 54304
(920)492-5638
cormac.mcinnis@dot.wi.gov

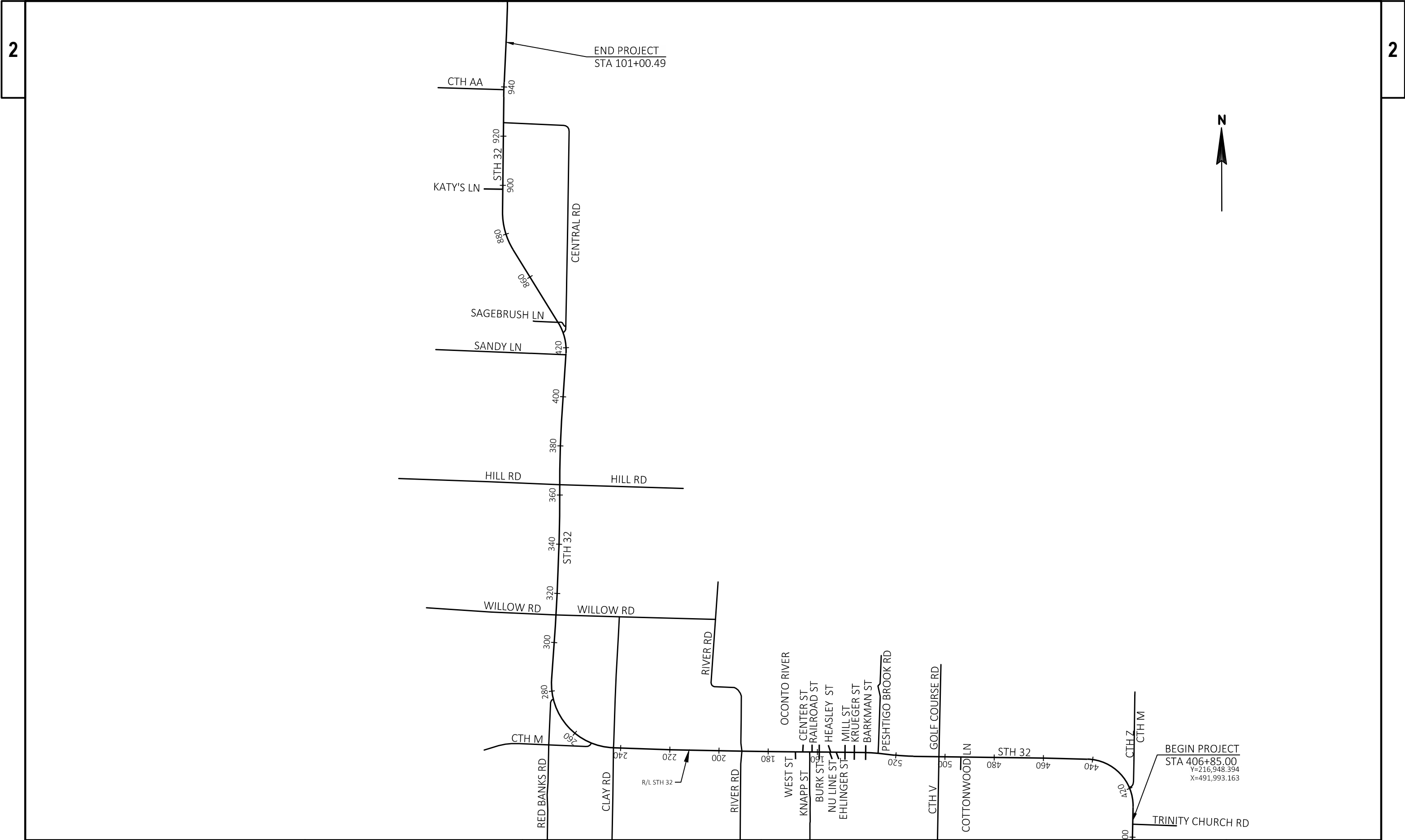
ORDER OF SECTION 2 DETAIL SHEETS

- GENERAL NOTES
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- PLAN DETAILS
- TRAFFIC CONTROL
- DETOUR PLAN
- STORM SEWER DETAILS

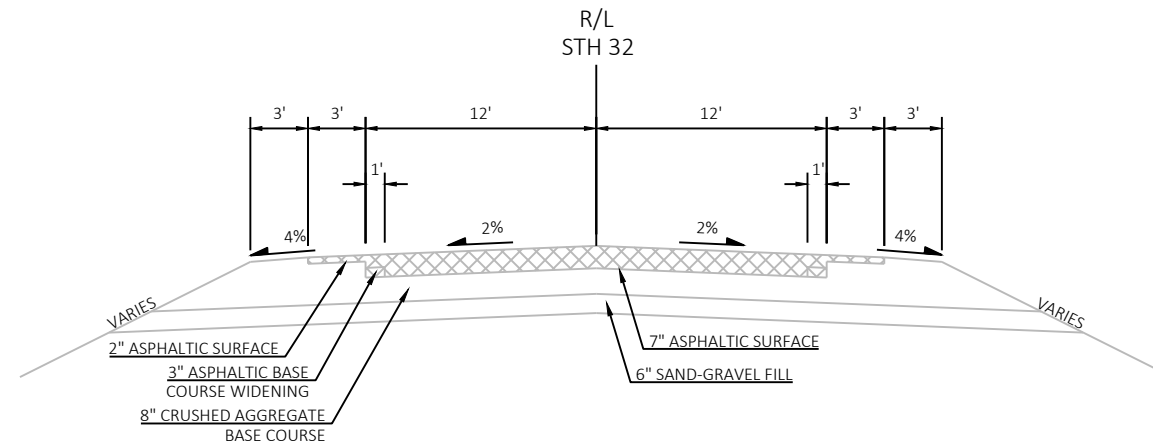
DIGGERSHOTLINE

Dial  or (800)242-8511

www.DiggersHotline.com

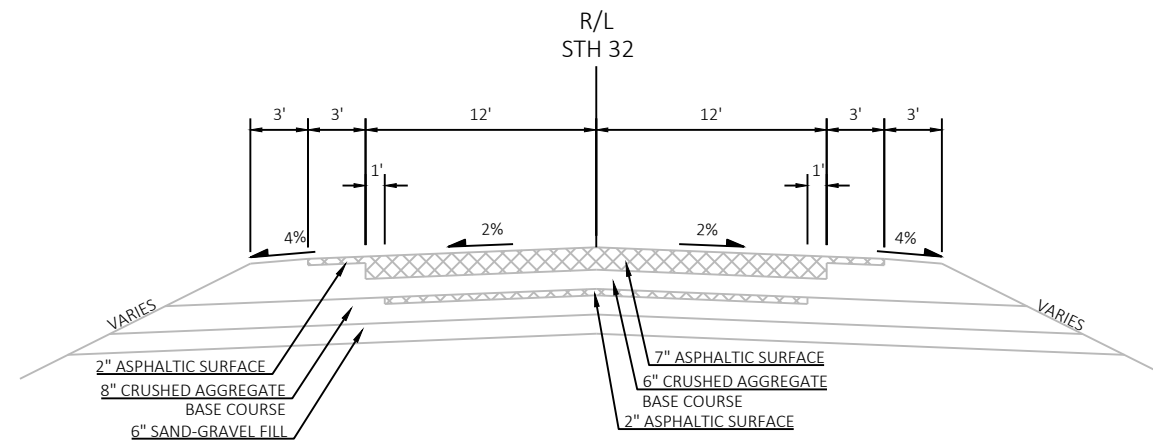


PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	PROJECT OVERVIEW	SHEET	E
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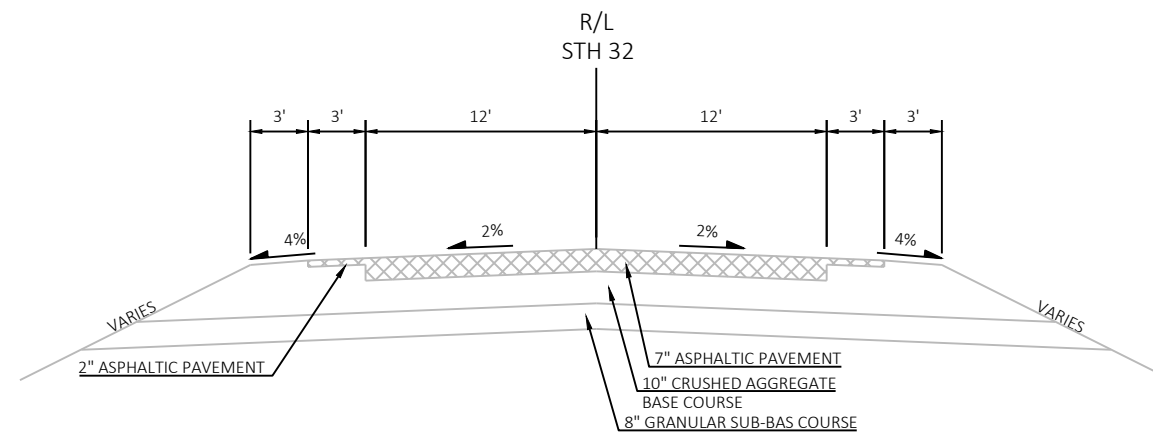
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STA 406+85 BK TO STA 411+50 BK
STA 437+00 BK TO STA 449+00 BK



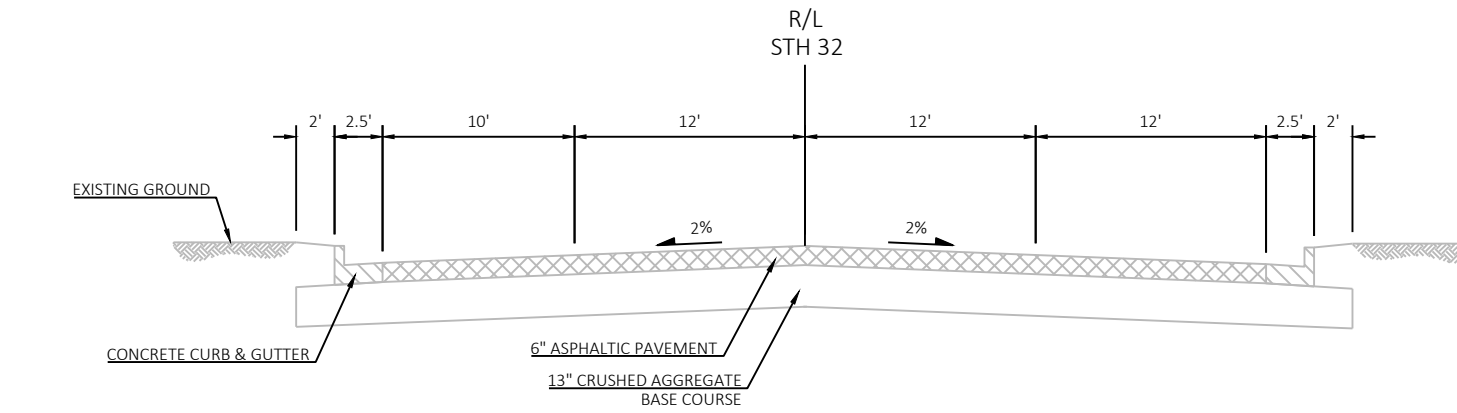
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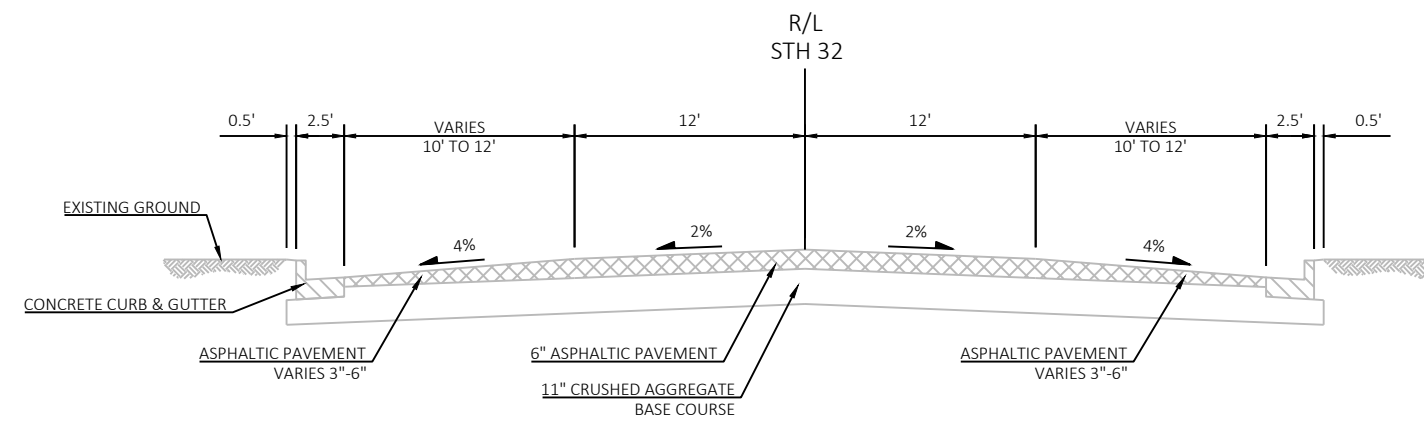
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STA 449+00 TO STA 527+45



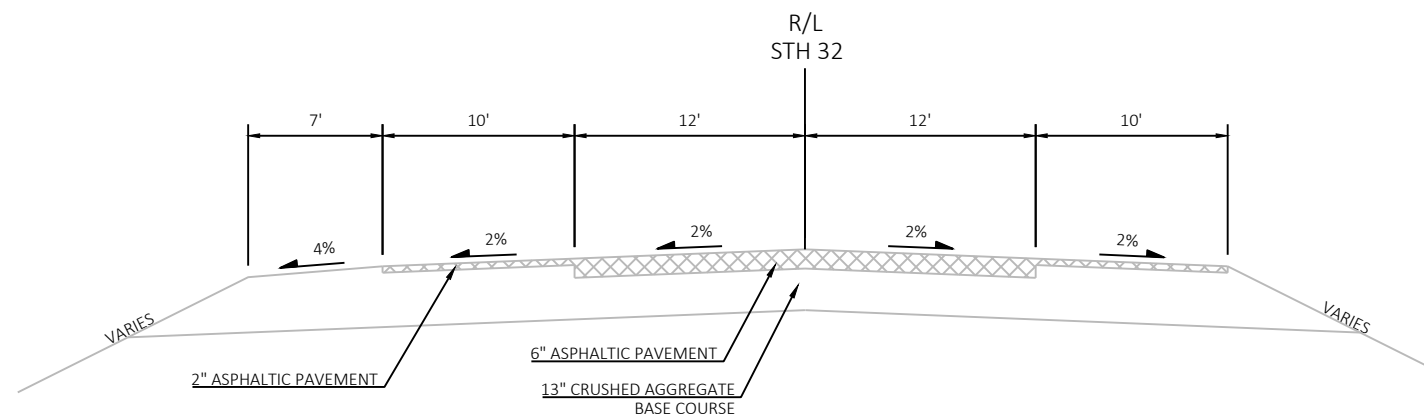
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STA 527+45 TO STA 532+20



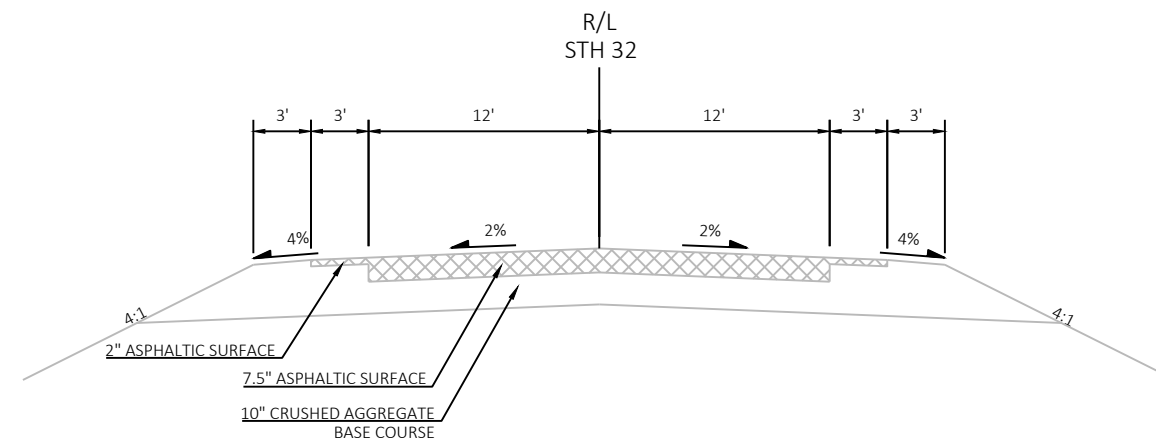
EXISTING TYPICAL SECTION STH 32

STA 140+24.29 TO STA 169+23



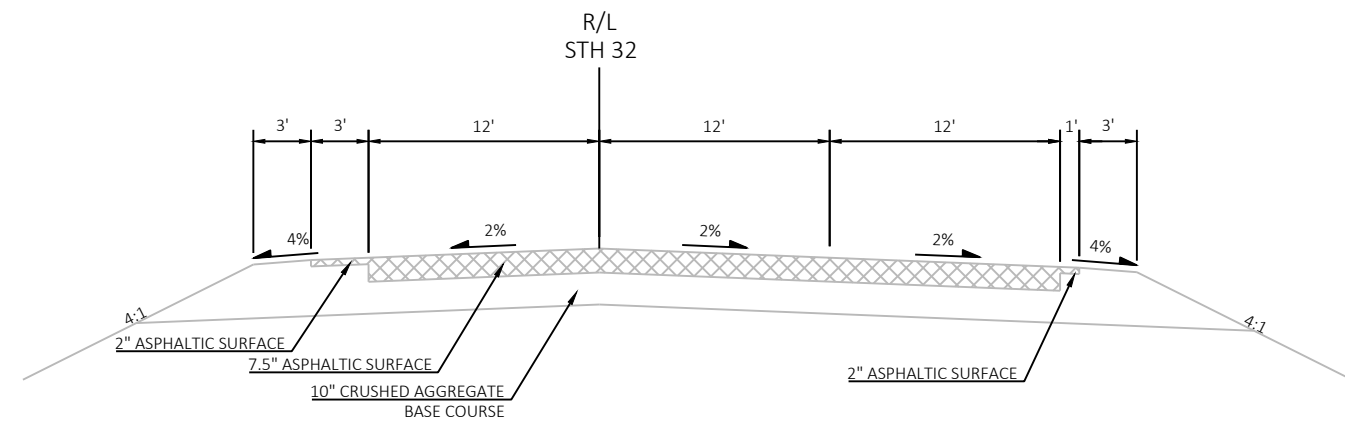
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STA 169+23 TO STA 177+30



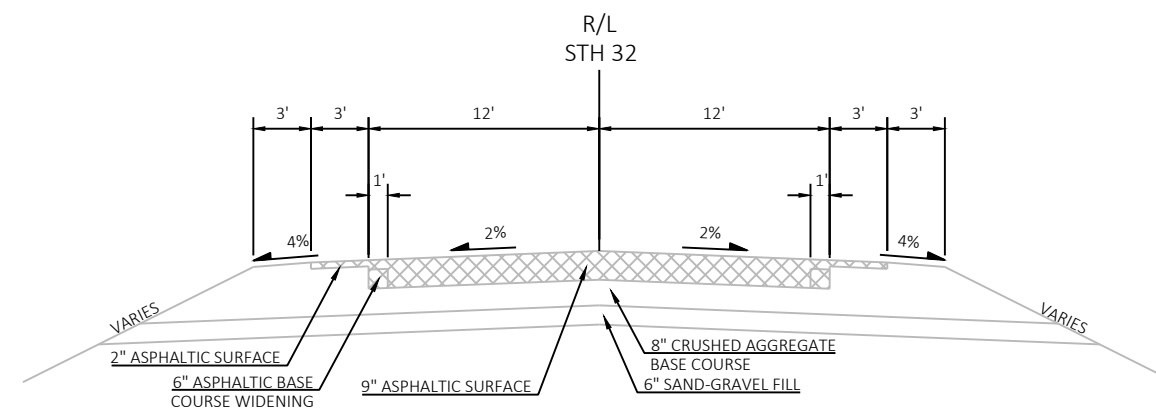
EXISTING TYPICAL SECTION STH 32

STA 177+30 TO STA 190+00
STA 229+65 TO STA 233+92
STA 280+92 TO STA 369+50



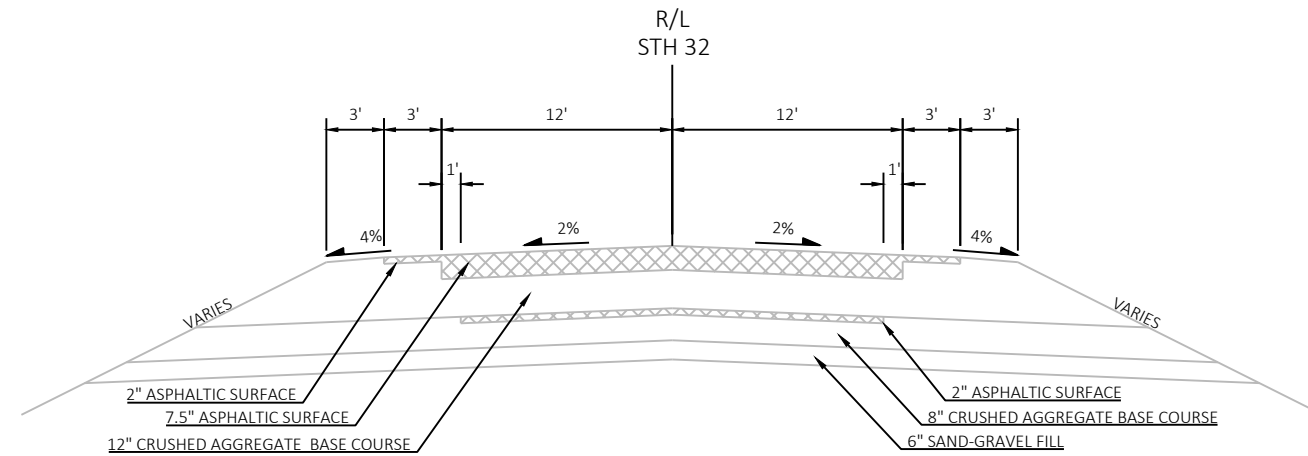
EXISTING TYPICAL SECTION STH 32

STA 190+00 TO STA 229+65
CLIMBING LANE



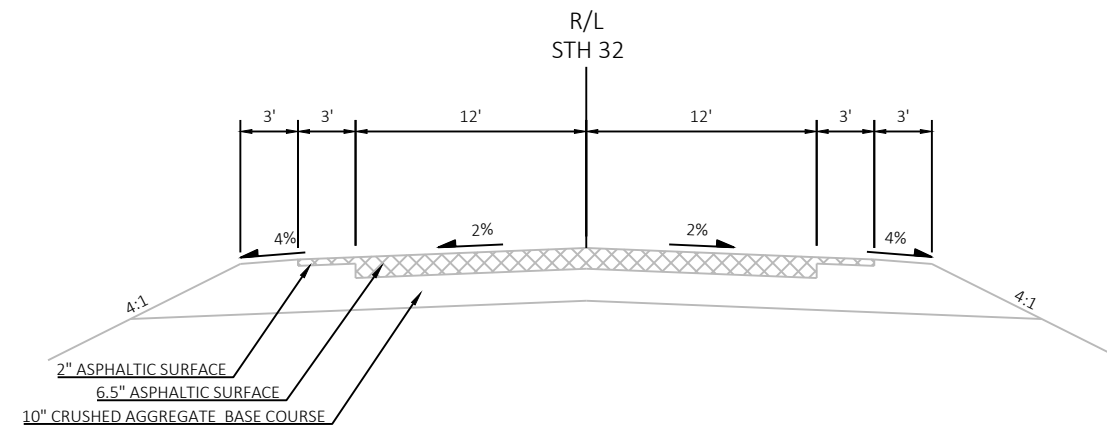
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STA 233+92 TO STA 249+92



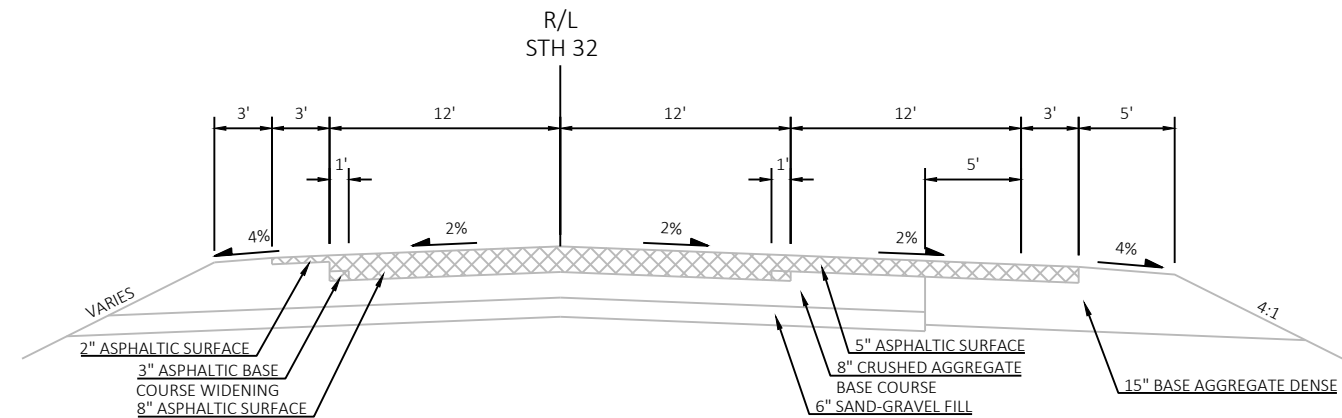
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STA 249+92 TO STA 280+92



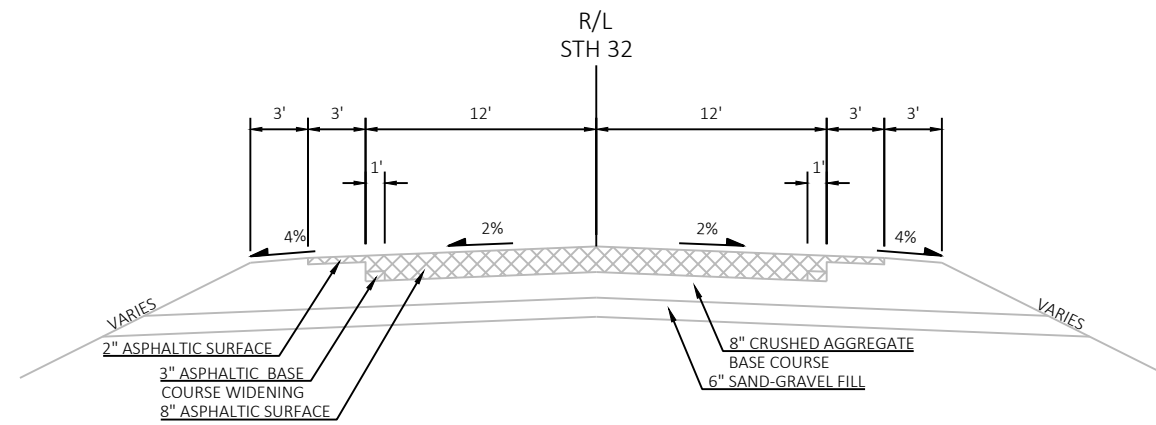
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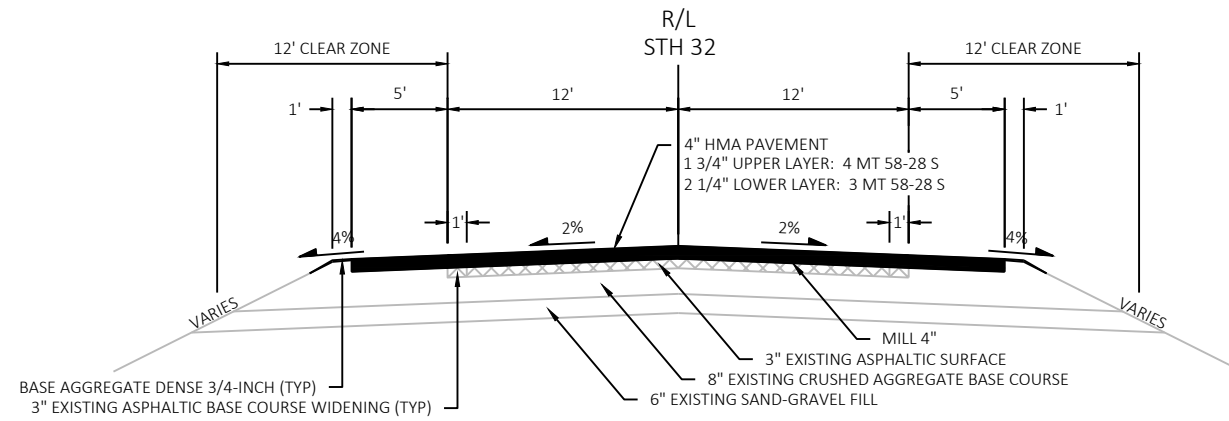
STA 369+50 TO STA 433+53.44 AH



EXISTING TYPICAL SECTION STH 32

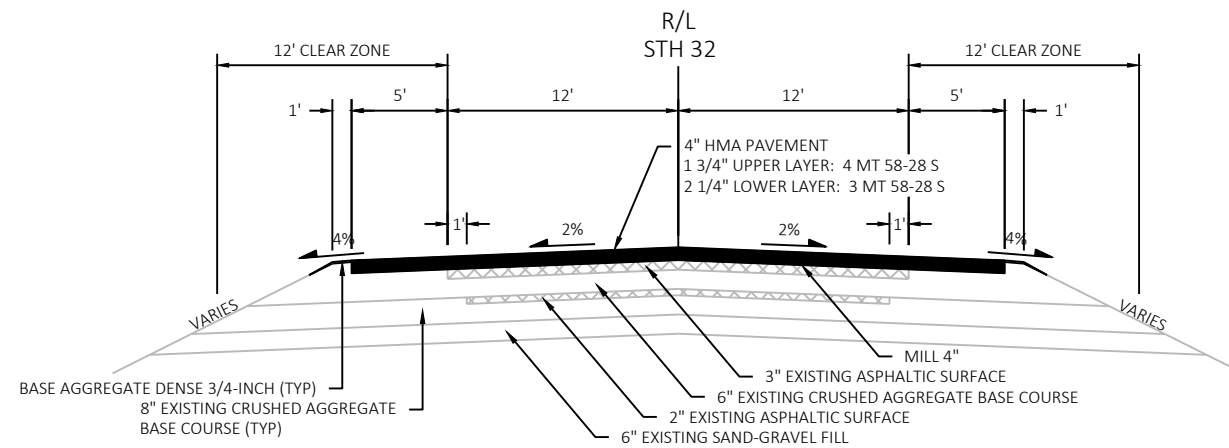
STA 840+93 TO STA 913+93
PASSING LANE





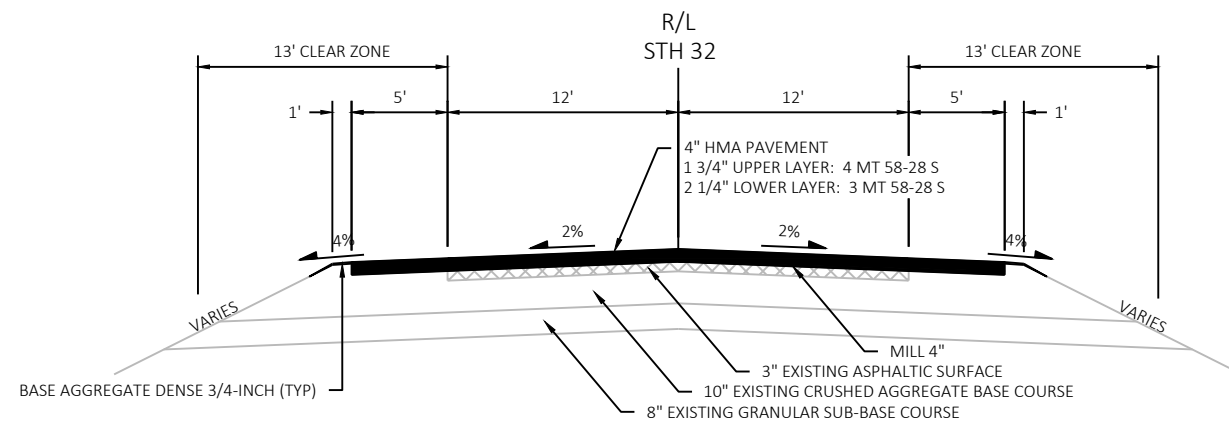
FINISHED TYPICAL SECTION STH 32

STA 406+85 BK TO STA 411+50 BK
STA 437+00 BK TO STA 449+00 BK



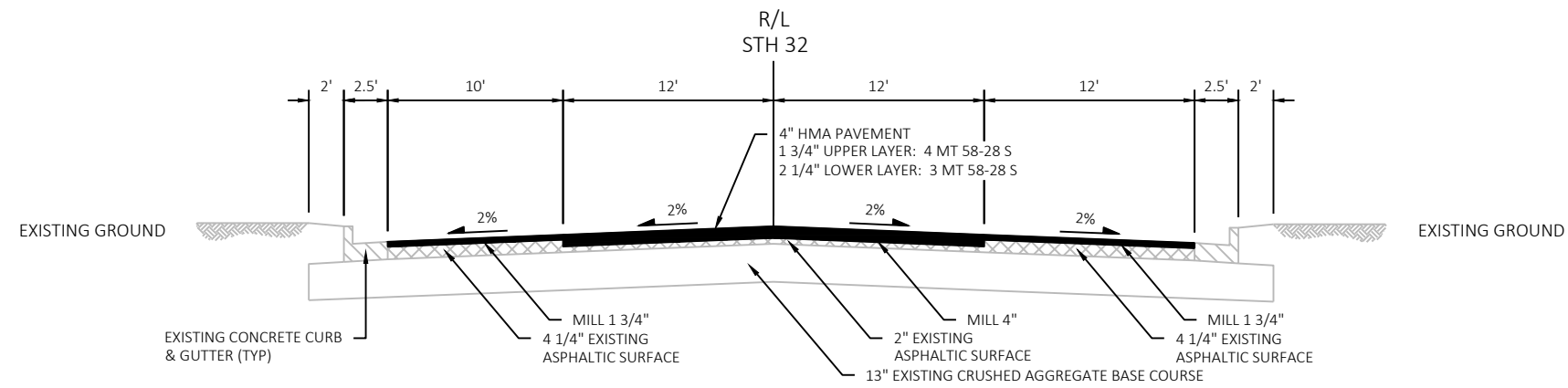
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STA 411+50 BK TO STA 437+00 BK



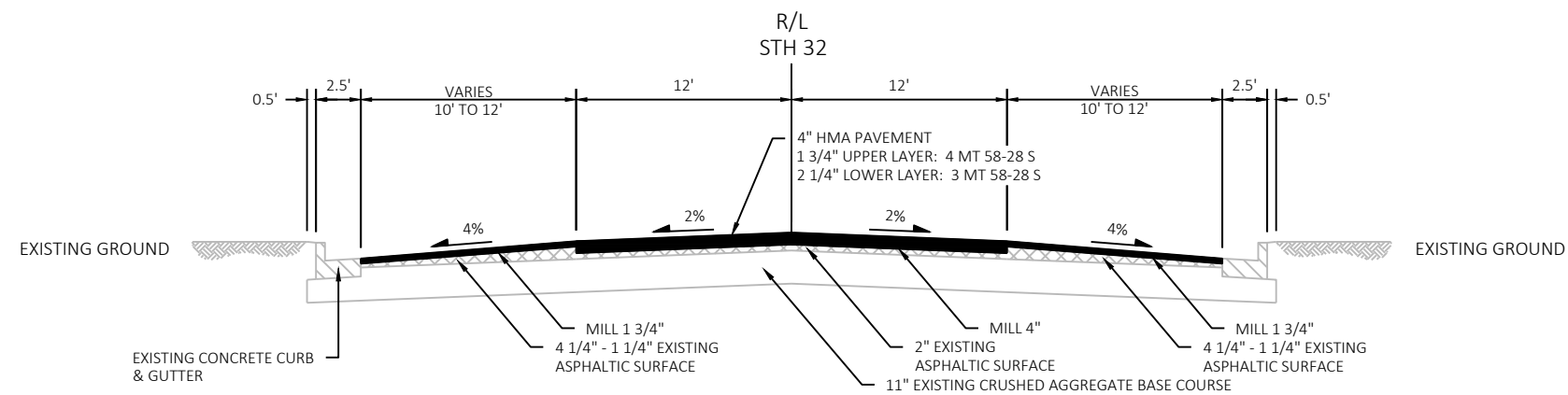
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STA 449+00 TO STA 527+45



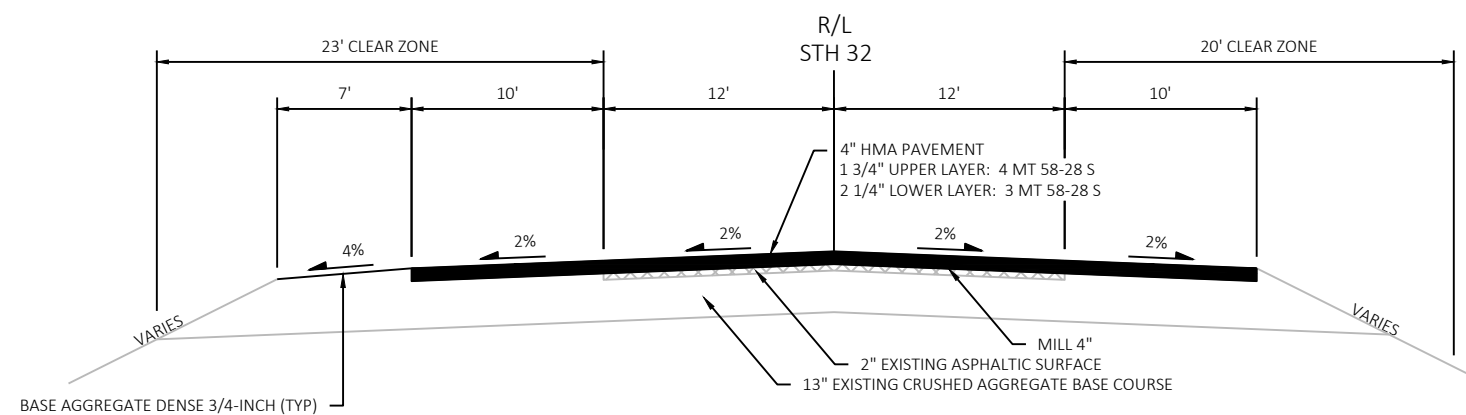
FINISHED TYPICAL SECTION STH 32

STA 527+45 TO STA 532+20



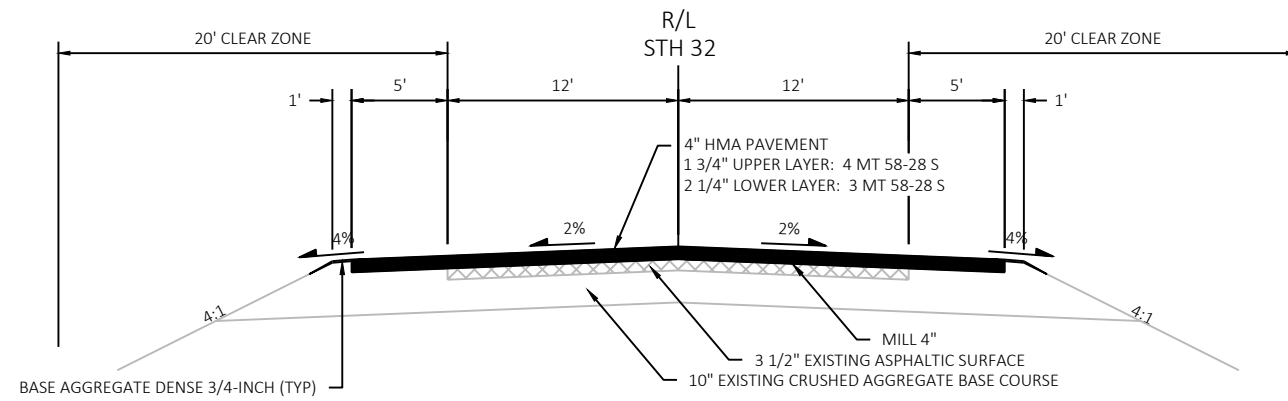
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STA 140+24.29 TO STA 169+23



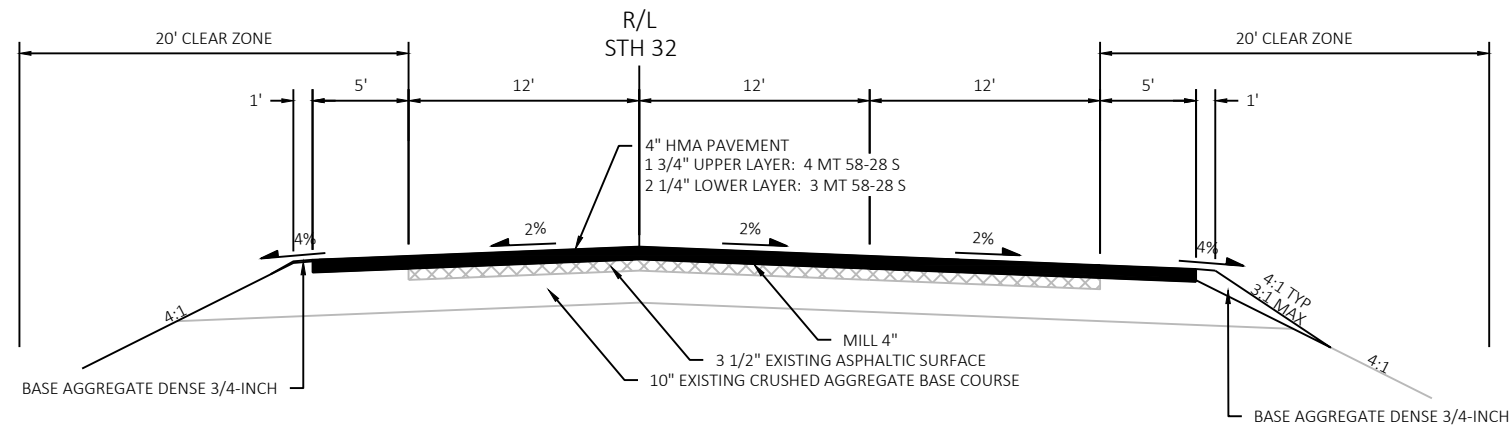
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STA 169+23 TO STA 177+30



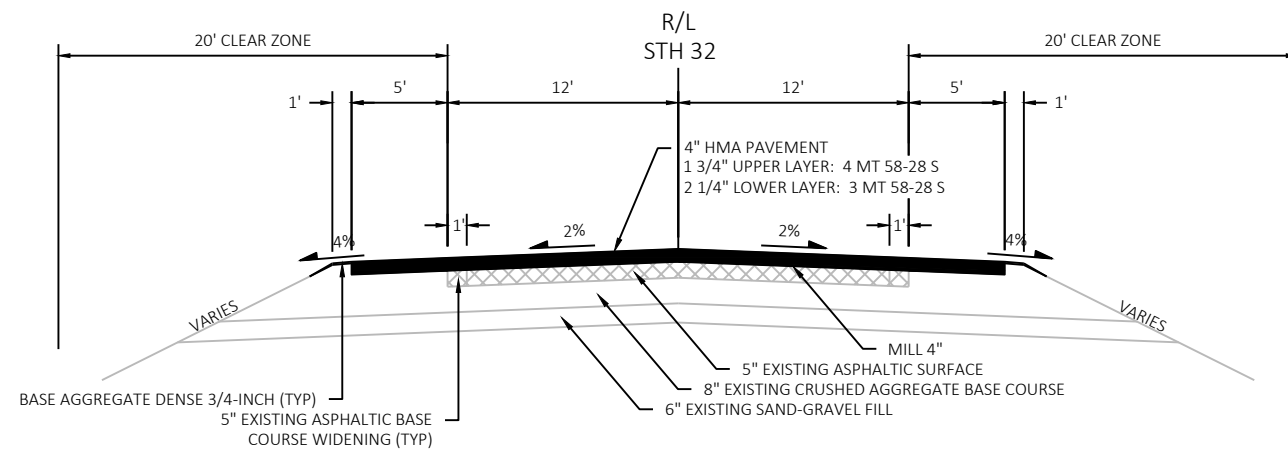
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STA 177+30 TO STA 190+00
STA 229+65 TO STA 233+92
STA 280+92 TO STA 369+50



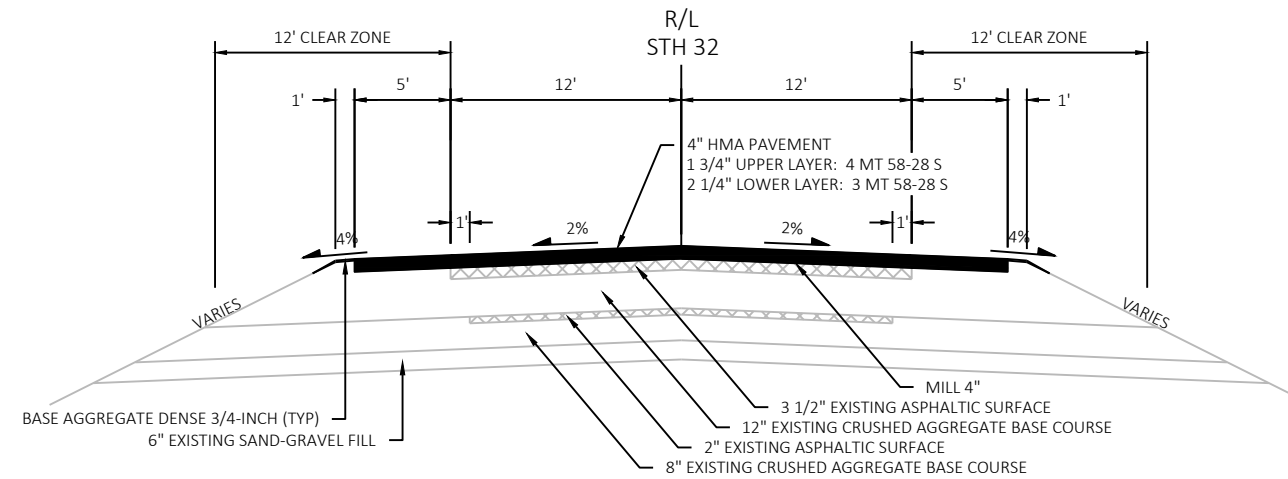
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STA 190+00 TO STA 229+65
CLIMBING LANE



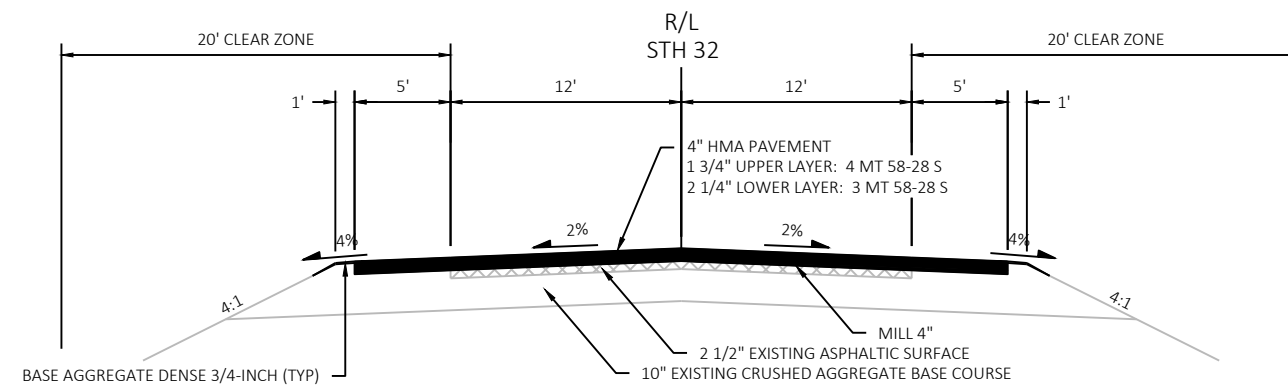
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STA 233+92 TO STA 249+92



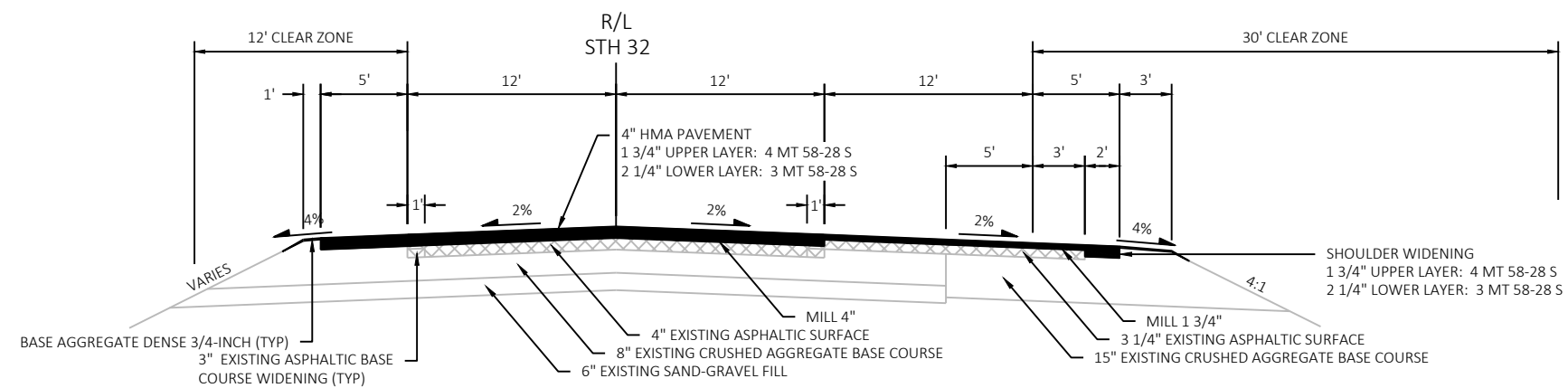
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STA 249+92 TO STA 280+92



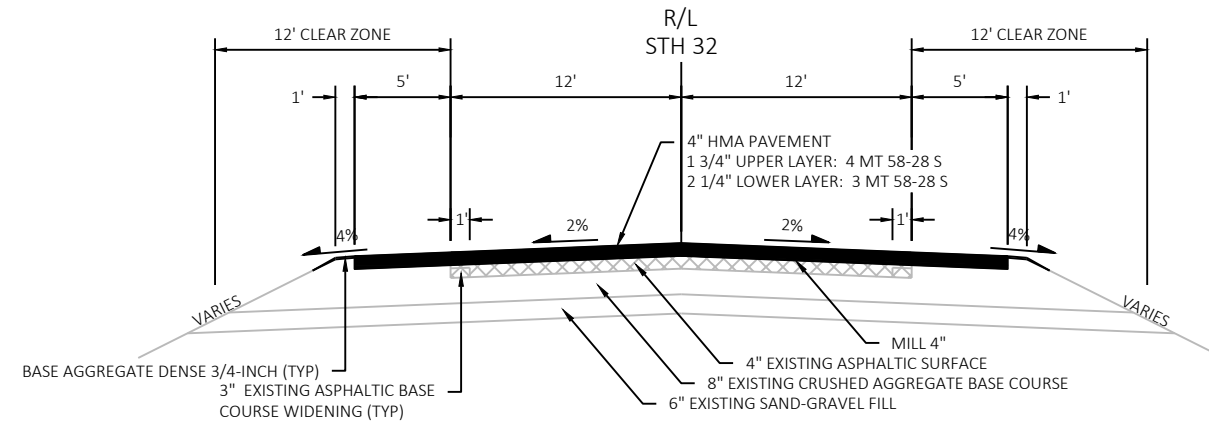
FINISHED TYPICAL SECTION STH 32

STA 369+50 TO STA 433+53.44 AH



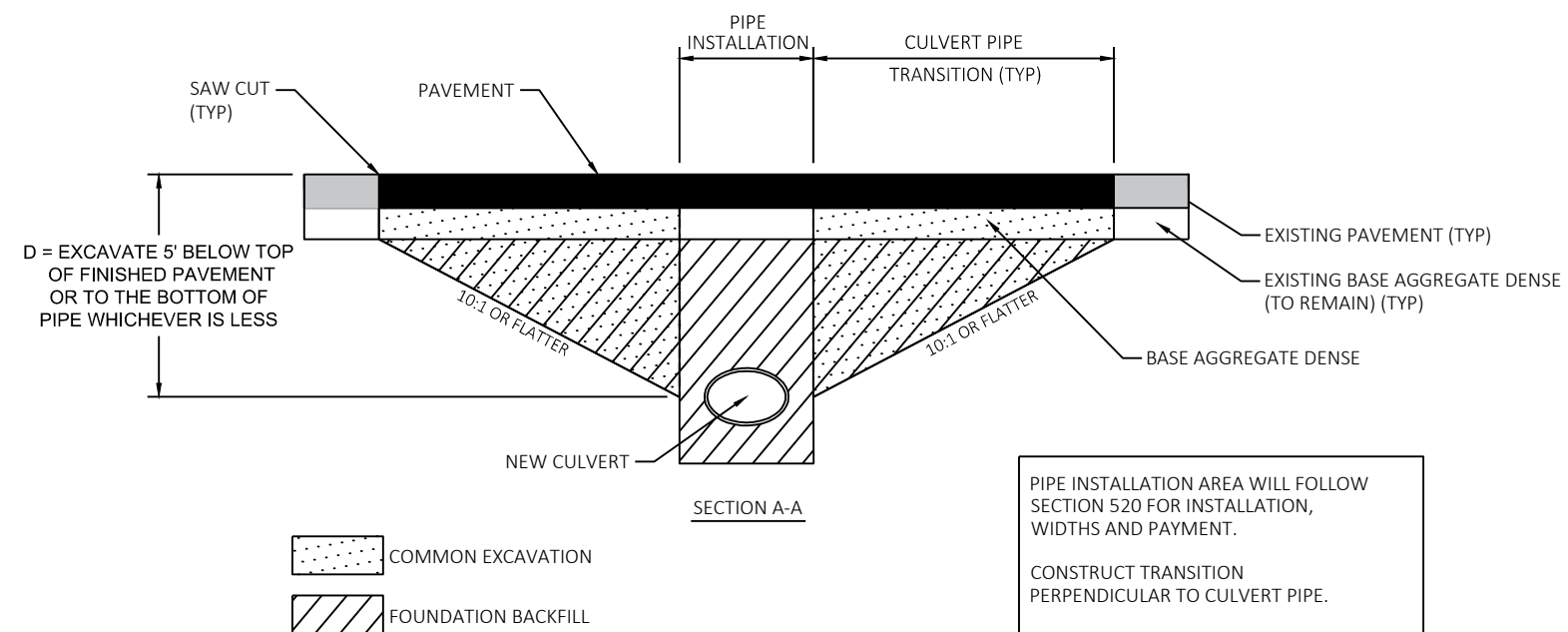
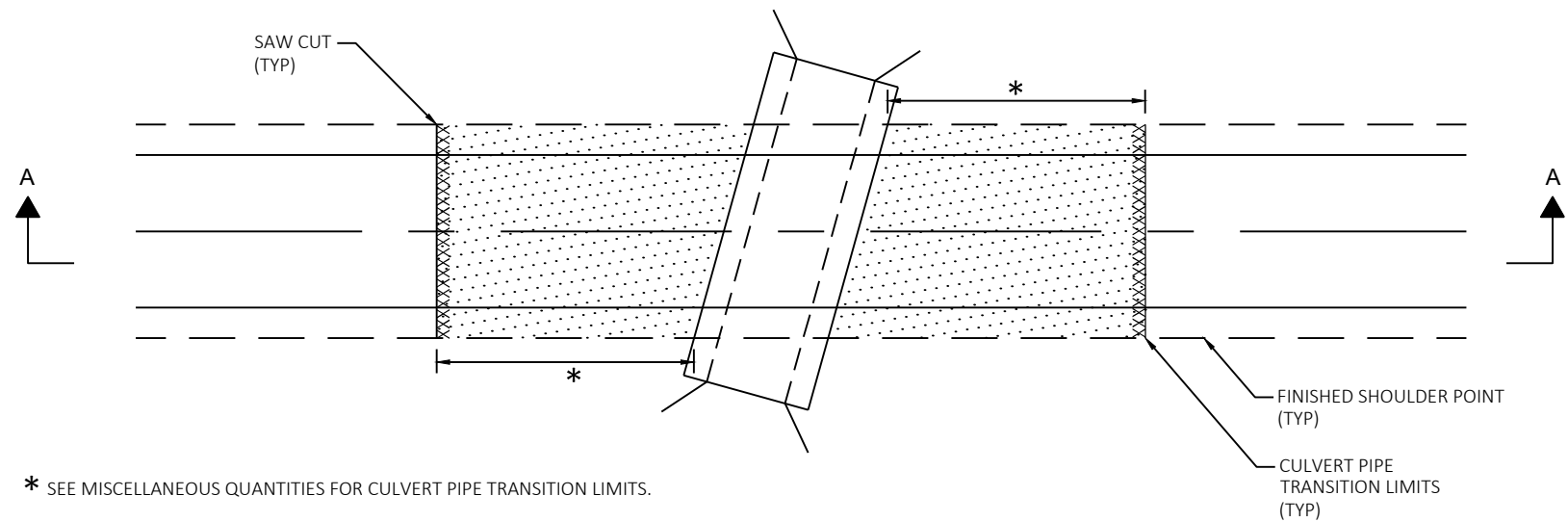
FINISHED TYPICAL SECTION STH 32

STA 840+93 TO STA 913+93
PASSING LANE



FINISHED TYPICAL SECTION STH 32

STA 913+93 TO STA 958+20



PIPE INSTALLATION AREA WILL FOLLOW SECTION 520 FOR INSTALLATION, WIDTHS AND PAYMENT.

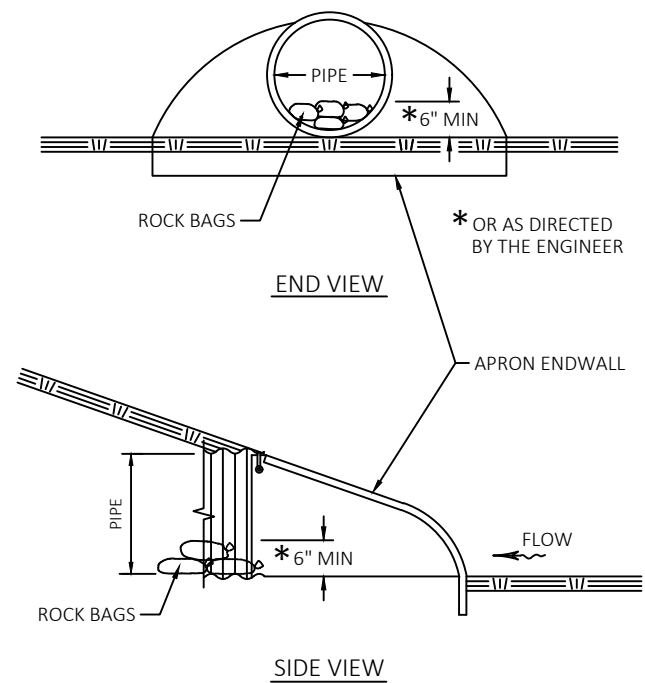
CONSTRUCT TRANSITION PERPENDICULAR TO CULVERT PIPE.

CULVERT PIPE TRANSITION AREAS WILL BE PAID BY COMMON EXCAVATION & SPV FOUNDATION BACKFILL.

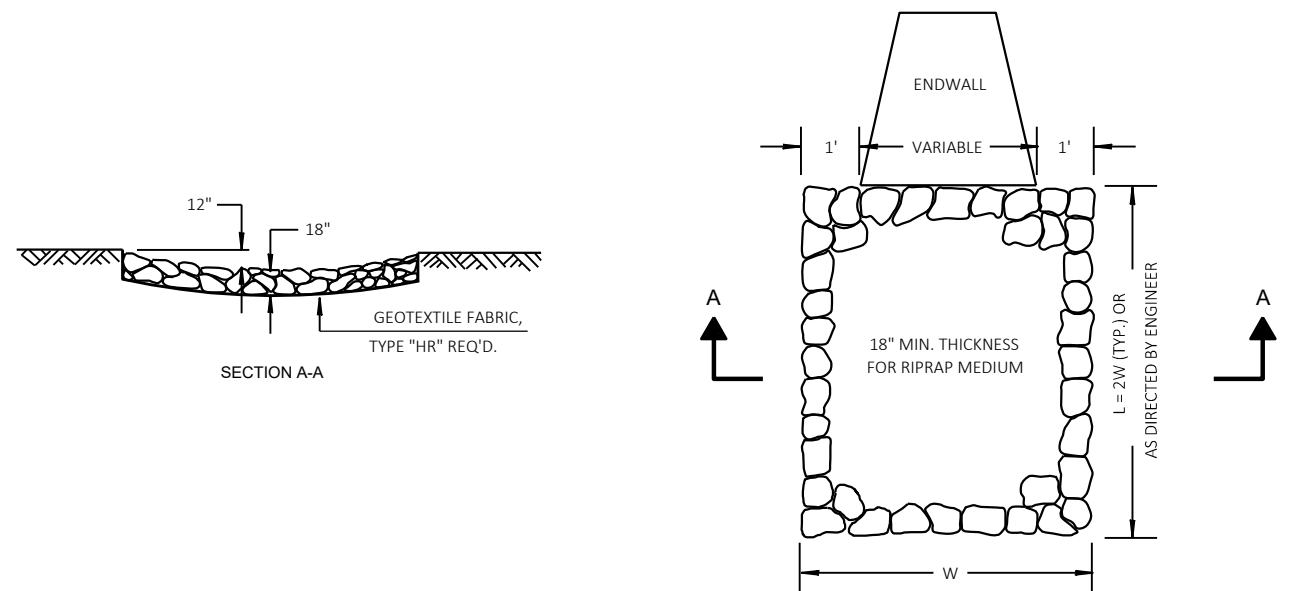
PAVEMENT SAW CUT TO BE PERPENDICULAR TO ROADWAY ALIGNMENT.

NEW CULVERT PIPES WITH TRANSITION

STA 272+97
STA 406+86
STA 440+11
STA 452+15
STA 475+70
STA 524+90
STA 872+48

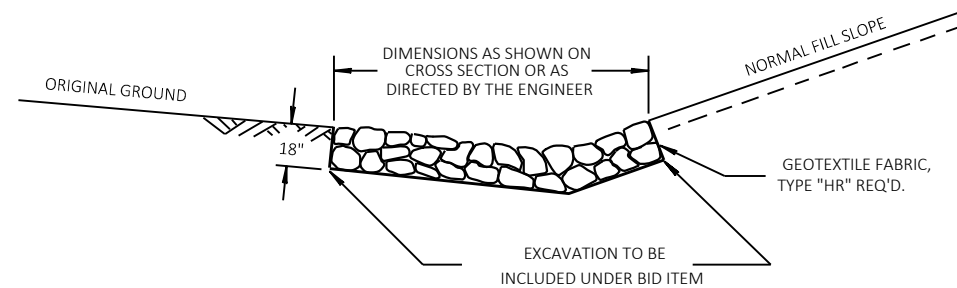


CULVERT PIPE CHECKS



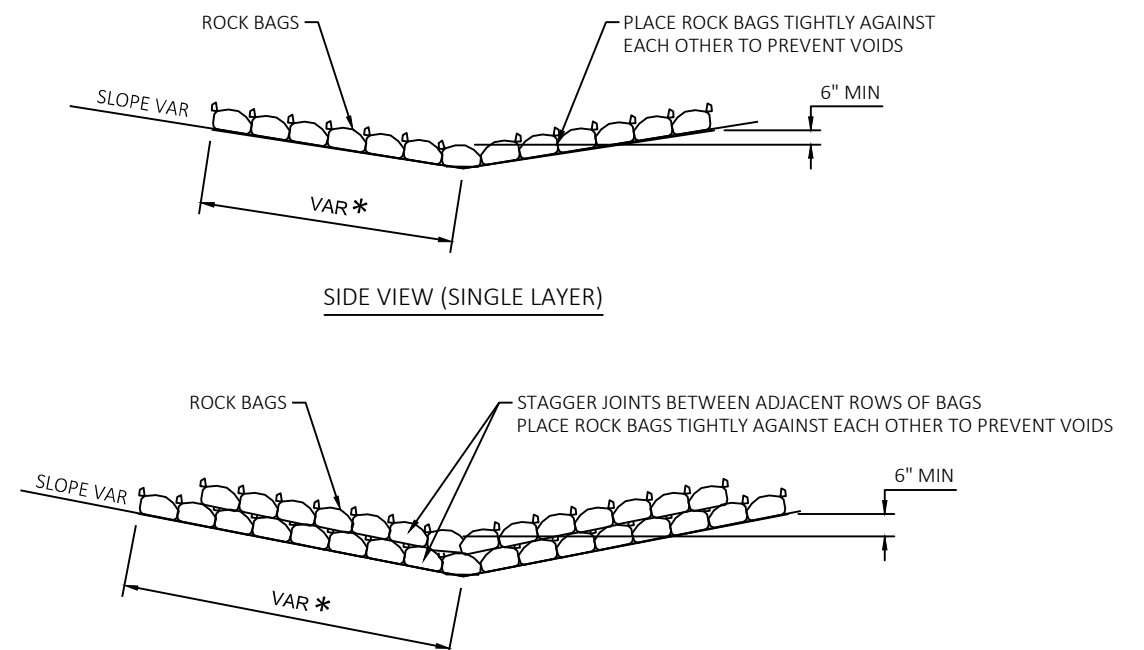
RIPRAP MEDIUM TREATMENT AT CULVERTS

STA 273+20 LT



DETAIL FOR RIPRAP MEDIUM IN DITCHES

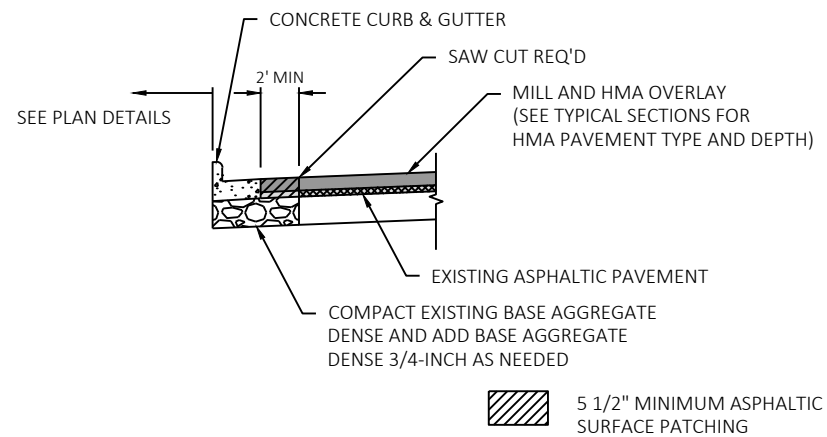
STA 272+20 TO STA 273+00 RT



SIDE VIEW (MULTIPLE LAYER)

ROCK BAGS DITCH CHECK

PAID AS ROCK BAGS

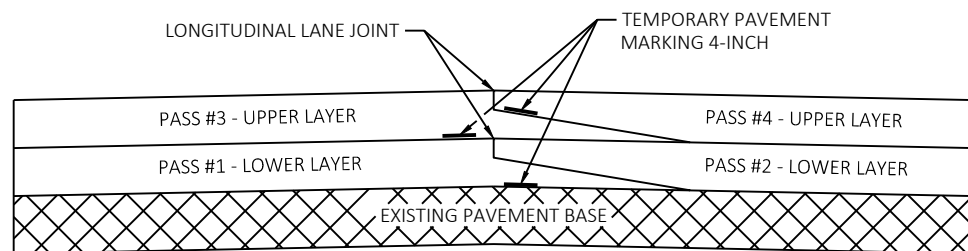


CONCRETE CURB & GUTTER REPLACEMENT DETAIL

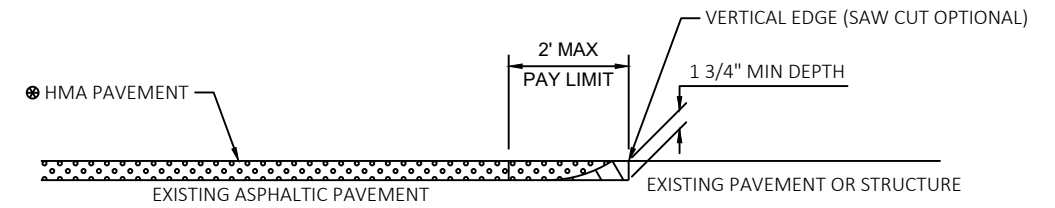
NOTES:

COMPLETE CURB & GUTTER REPLACEMENTS AND ASPHALTIC SURFACE PATCHING TO MATCH THE EXISTING SURFACE PRIOR TO THE MILL AND OVERLAY OF STH 32.

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



PAVEMENT MARKING DETAIL FOR TAPERED OVERLAPPING JOINTS IN HMA PAVEMENTS



⊗ SEE TYPICAL CROSS SECTION FOR PAVEMENT TYPE AND THICKNESS OF INDIVIDUAL LAYERS

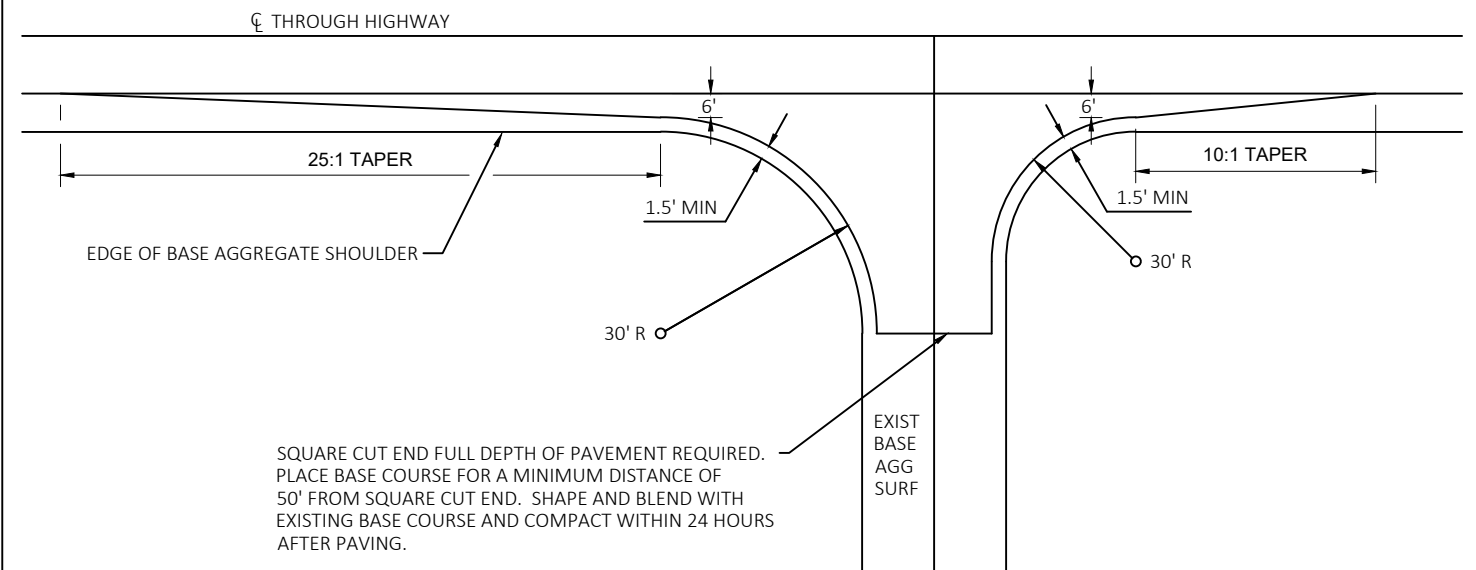


REMOVING ASPHALTIC SURFACE, MILLING



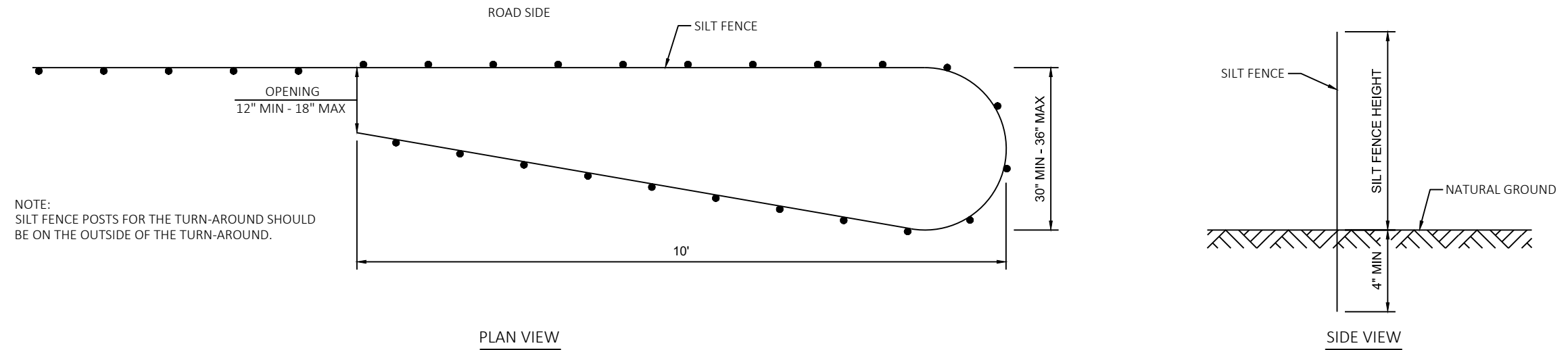
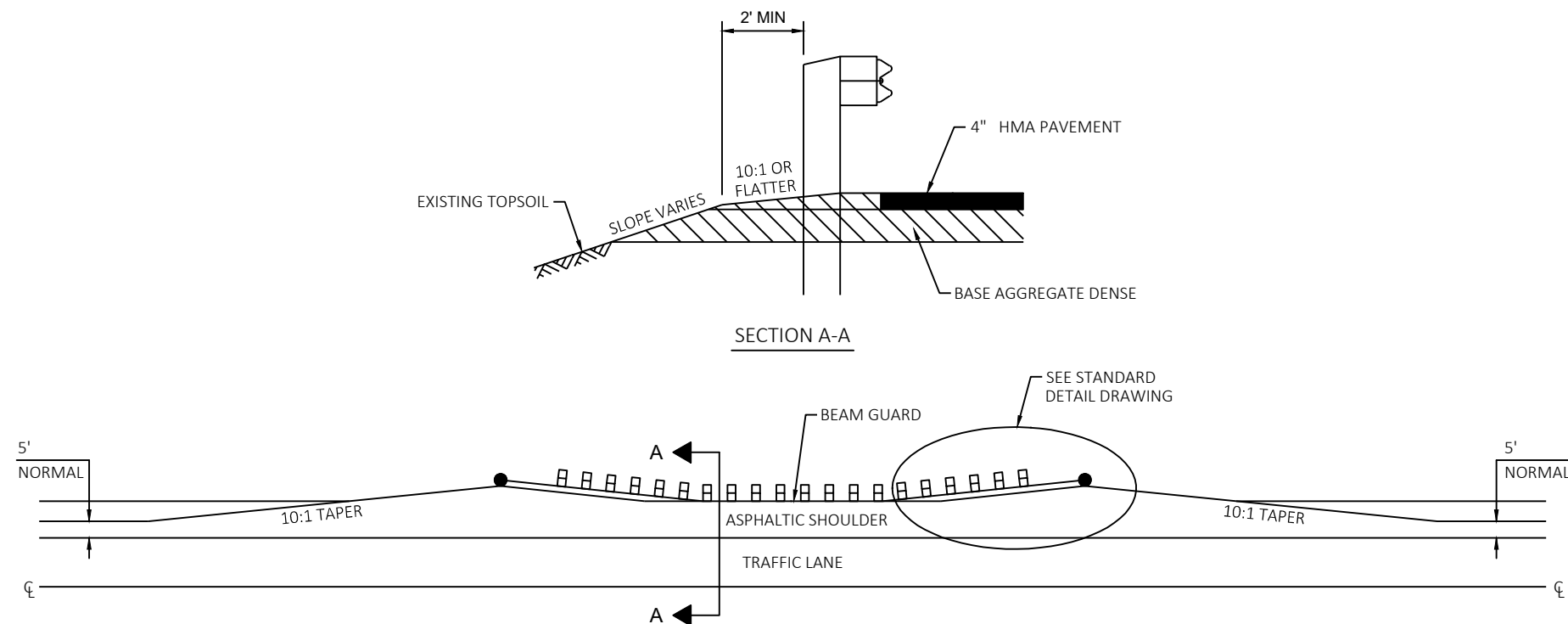
REMOVE ASPHALTIC SURFACE WEDGE AT BUTT JOINT TO CREATE VERTICAL EDGE

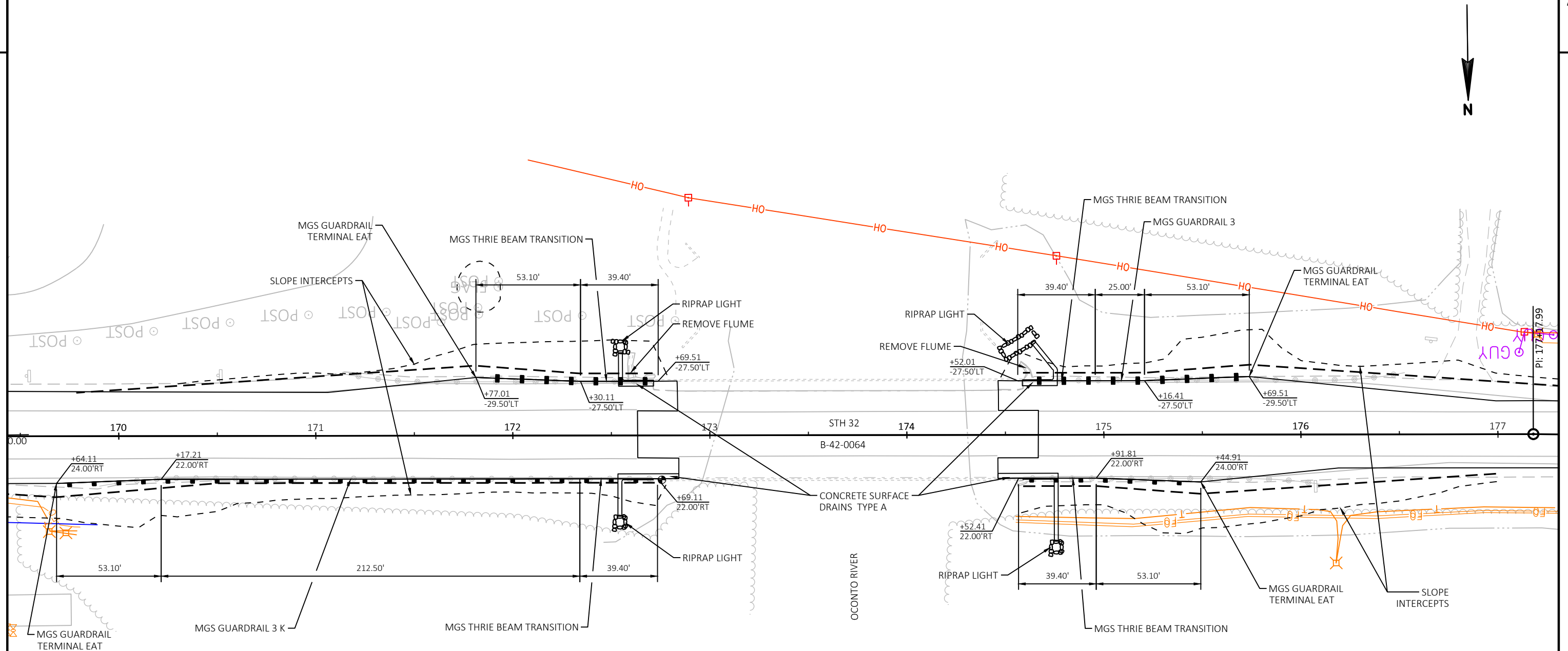
BUTT JOINT DETAIL FOR ASPHALTIC PAVEMENTS (NO PROFILE CHANGE)

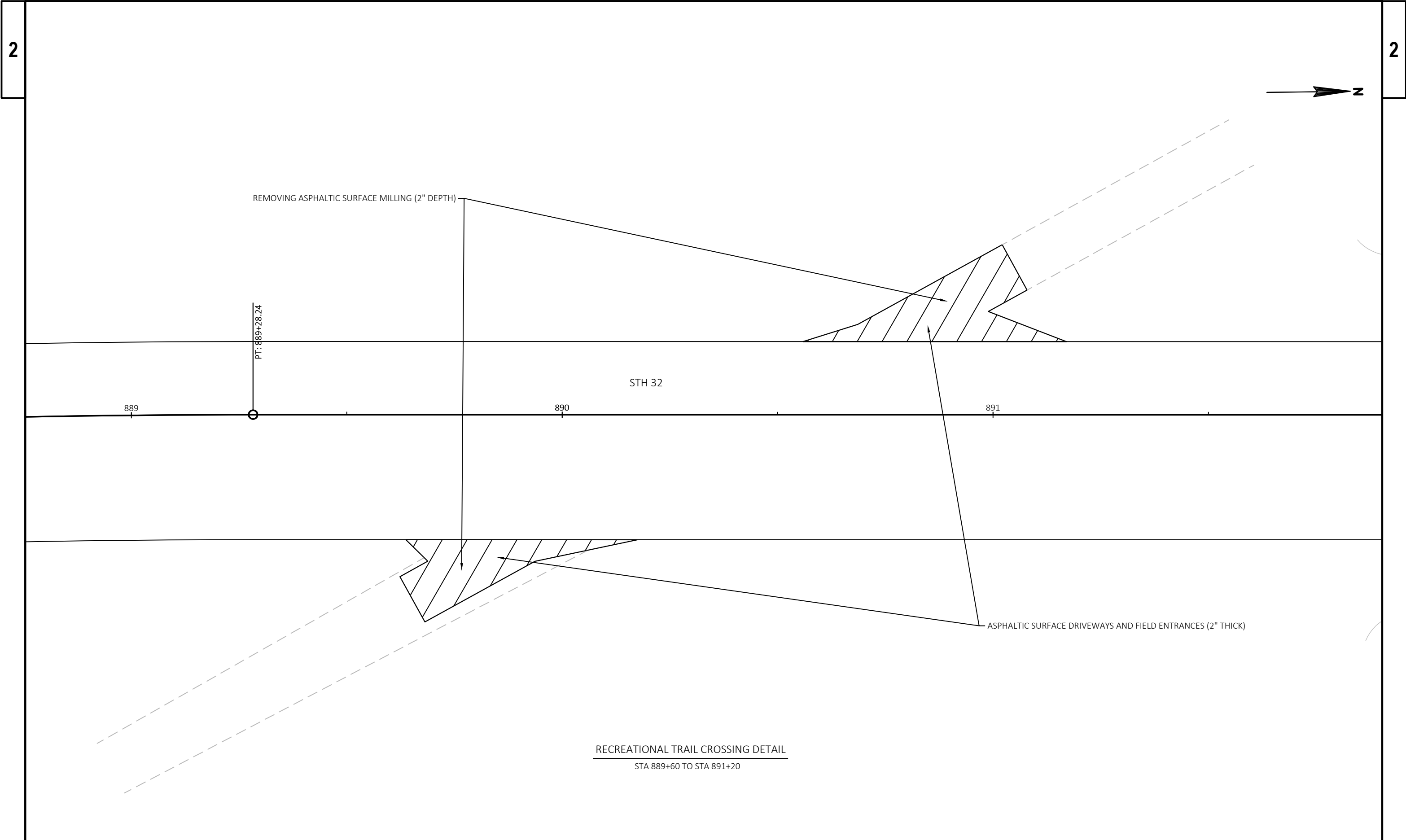


INTERSECTION DETAIL TYPE C MODIFIED

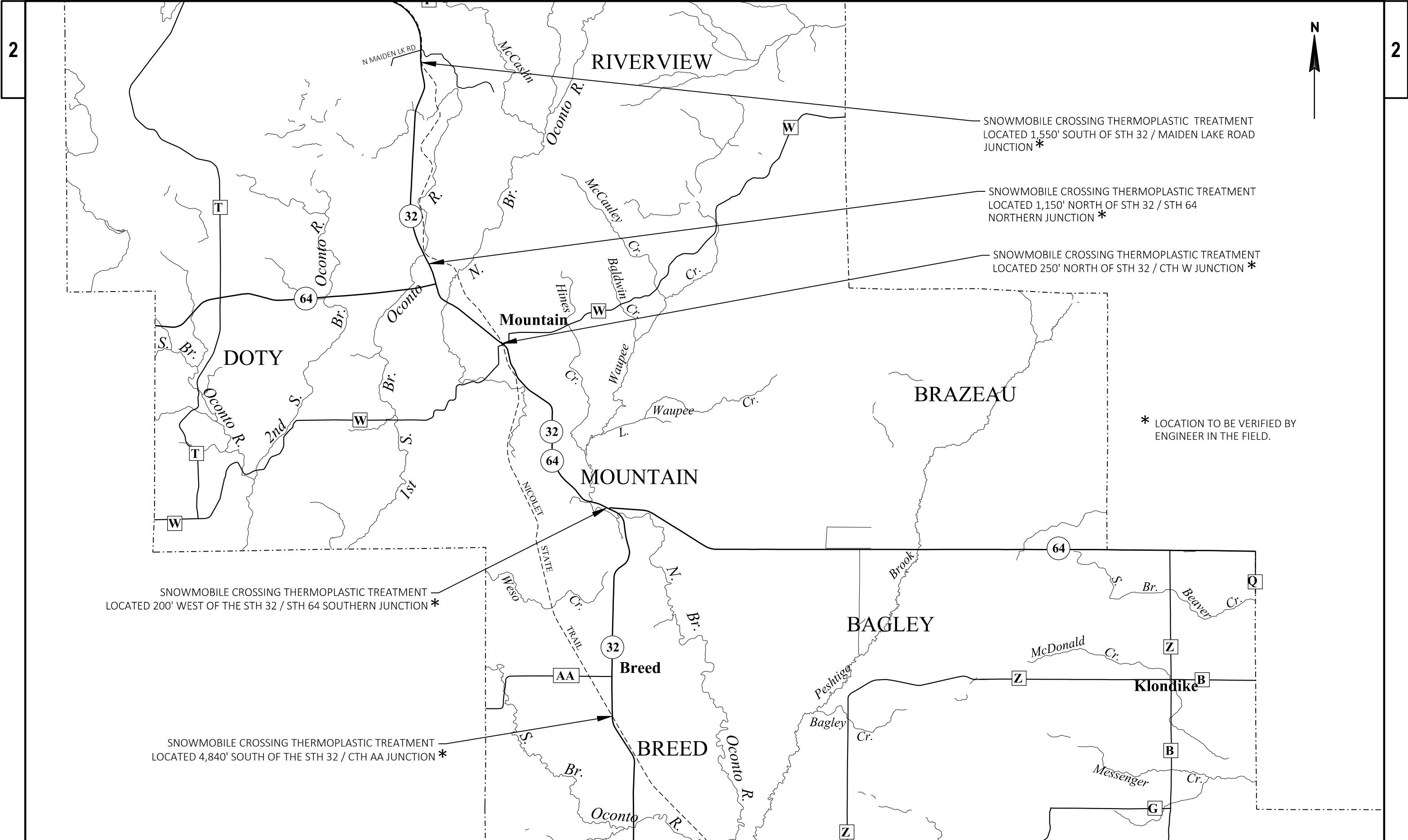
KATY'S LANE
STA 898+40 LT

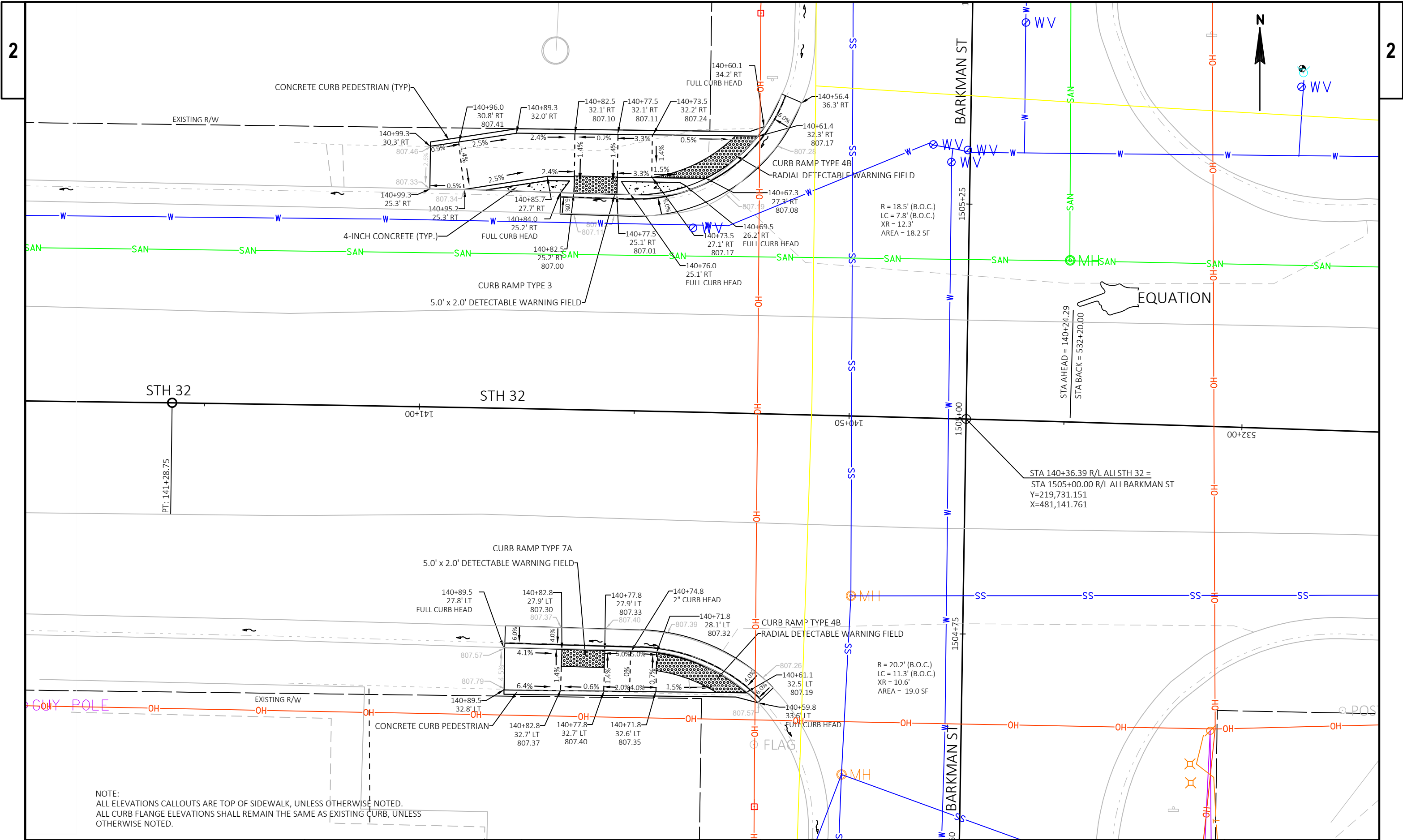
SILT FENCE TURN-AROUND DETAILDETAIL FOR ASPHALTIC SHOULDER AT BEAM GUARD

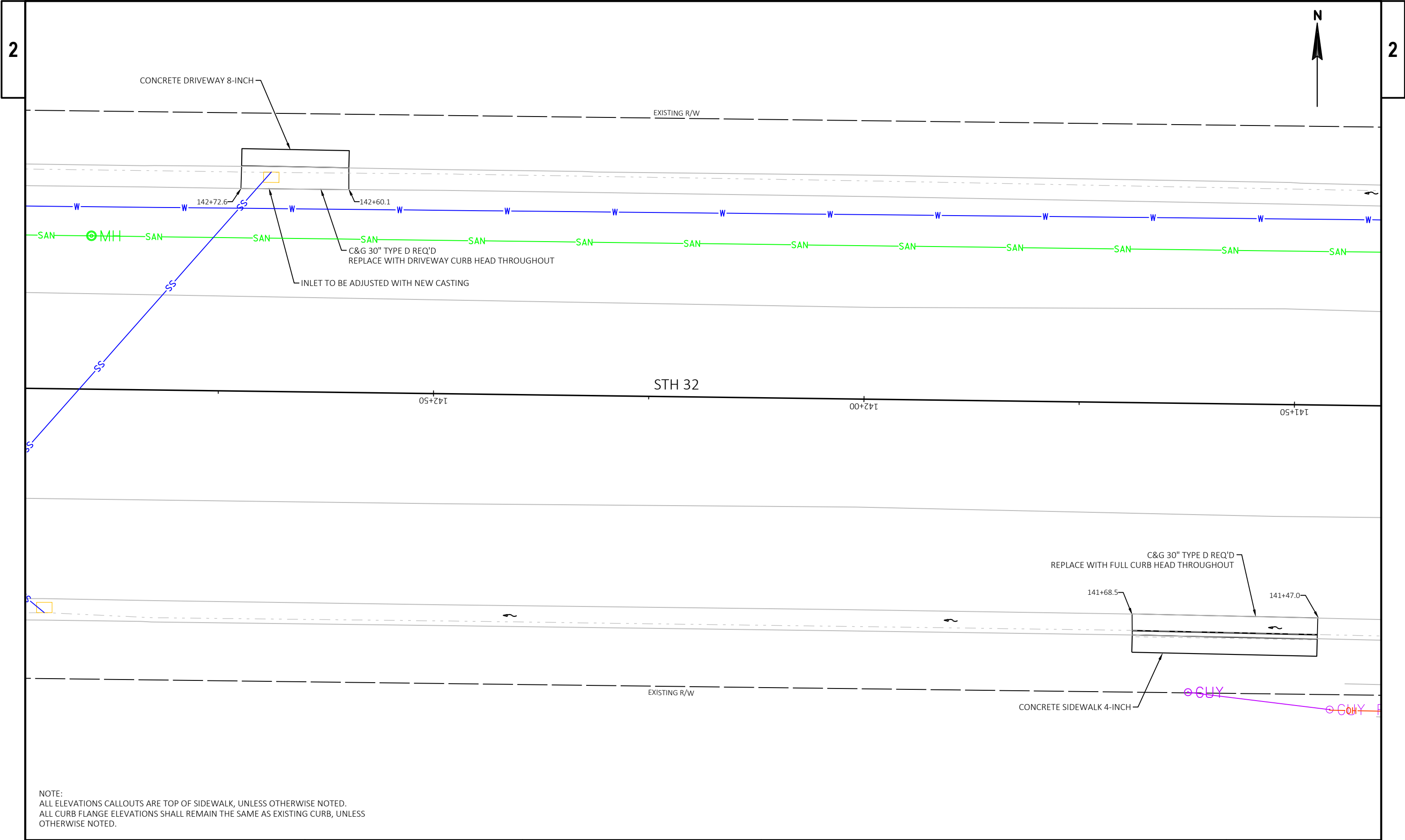




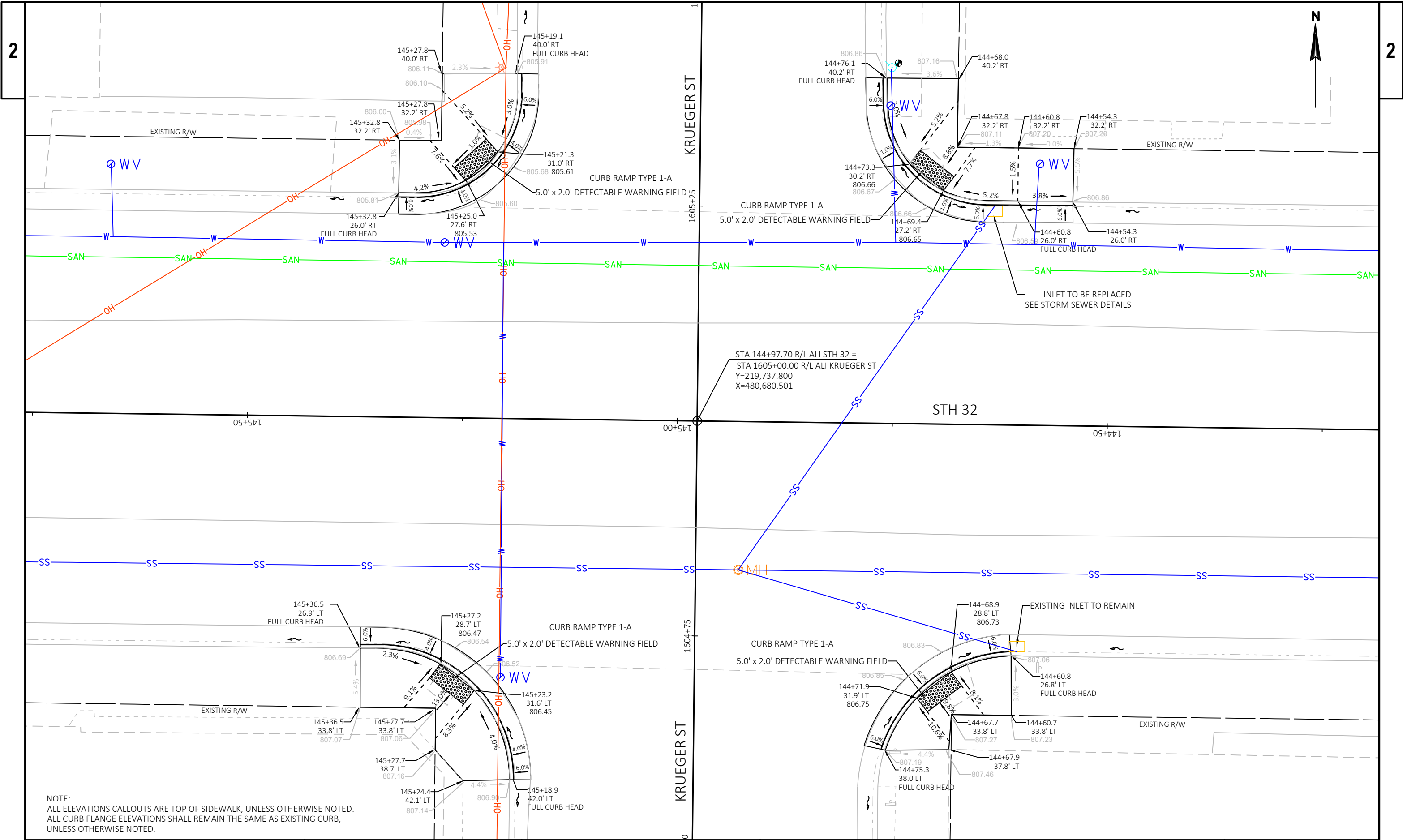
PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	PLAN DETAILS - TRAIL APPROACH PAVING	SHEET	E
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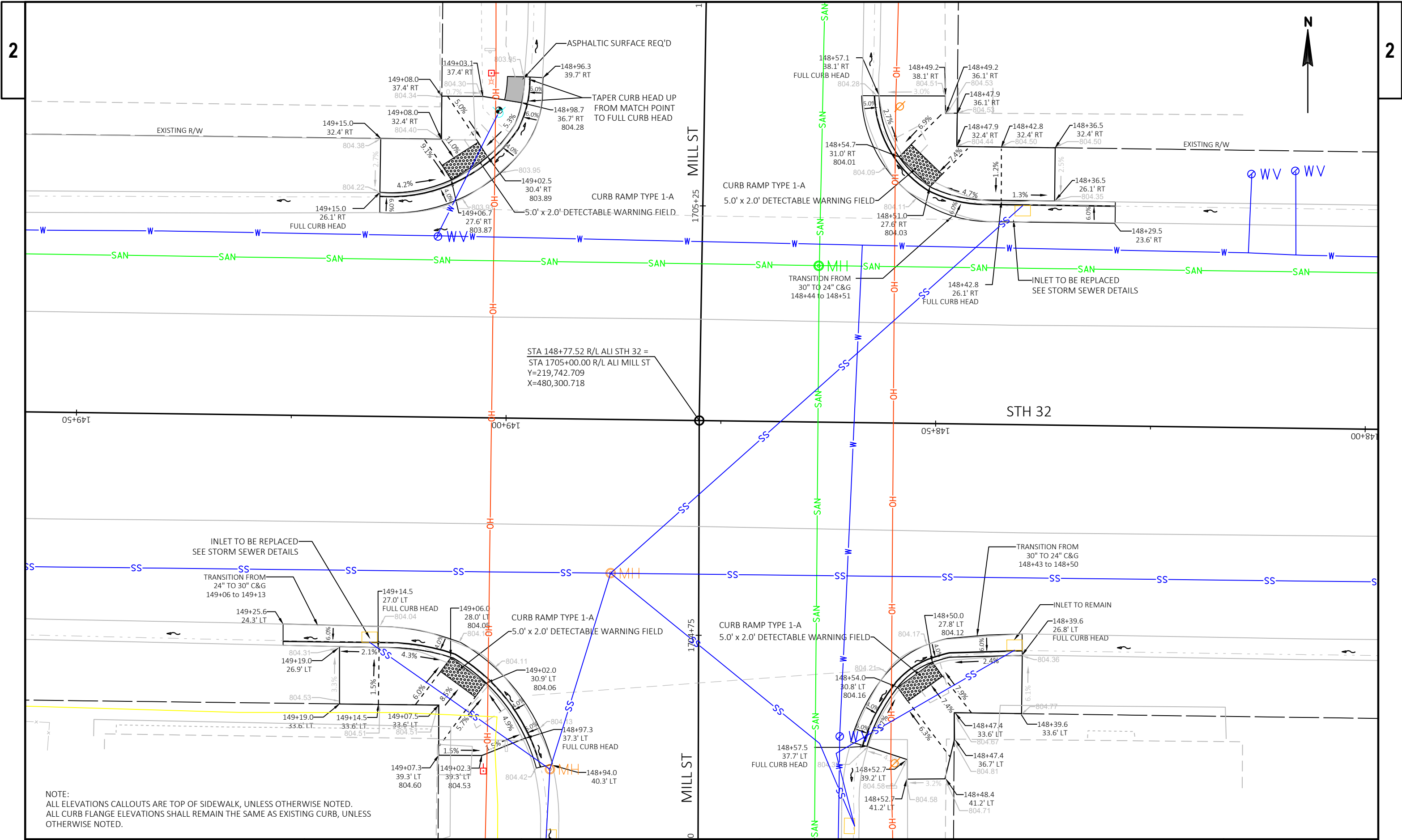


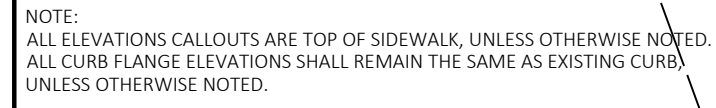


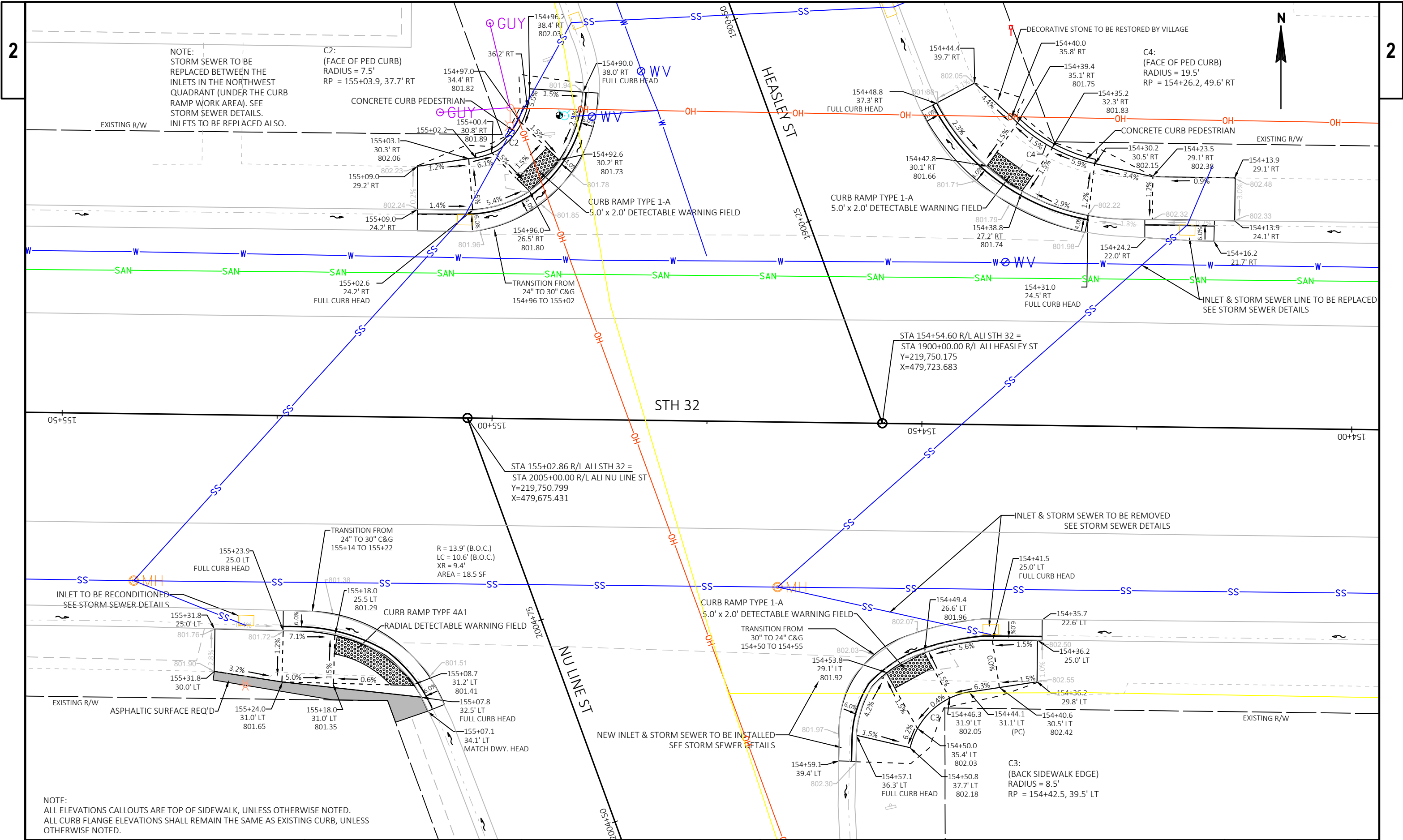


PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	PLAN DETAILS - CURB REPAIRS	SHEET	E
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PROJECT NO: 9170-12-71

HWY: STH 32

COUNTY: OCONTO

PLAN DETAILS - CURB RAMPS

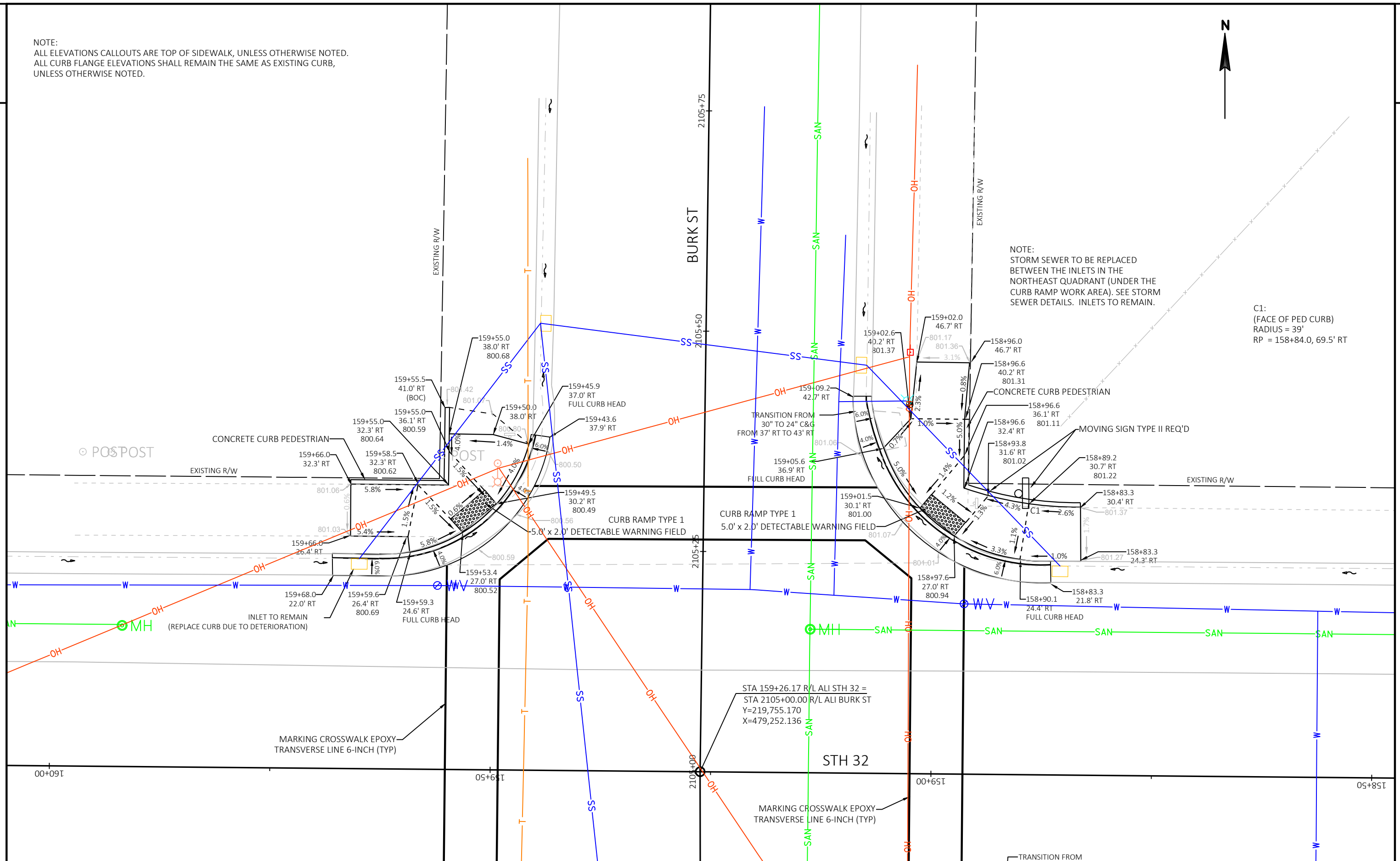
SHEET

E

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NOTE:
ALL ELEVATIONS CALLOUTS ARE TOP OF SIDEWALK, UNLESS OTHERWISE NOTED.
ALL CURB FLANGE ELEVATIONS SHALL REMAIN THE SAME AS EXISTING CURB,
UNLESS OTHERWISE NOTED.

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PROJECT NO:	9170-12-71
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HWY: STH 32

COUNTY: OCONTO

PLAN DETAILS - CURB RAMPS

SHEET

11

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LAYOUT NAME - 021203-pdG

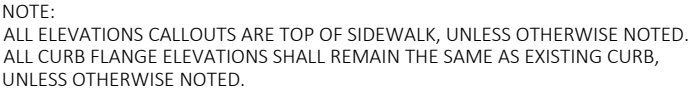
PLOT DATE : 3/30/2020 3:32 PM

PLOT BY : CAMPSHURE, MICHAEL R

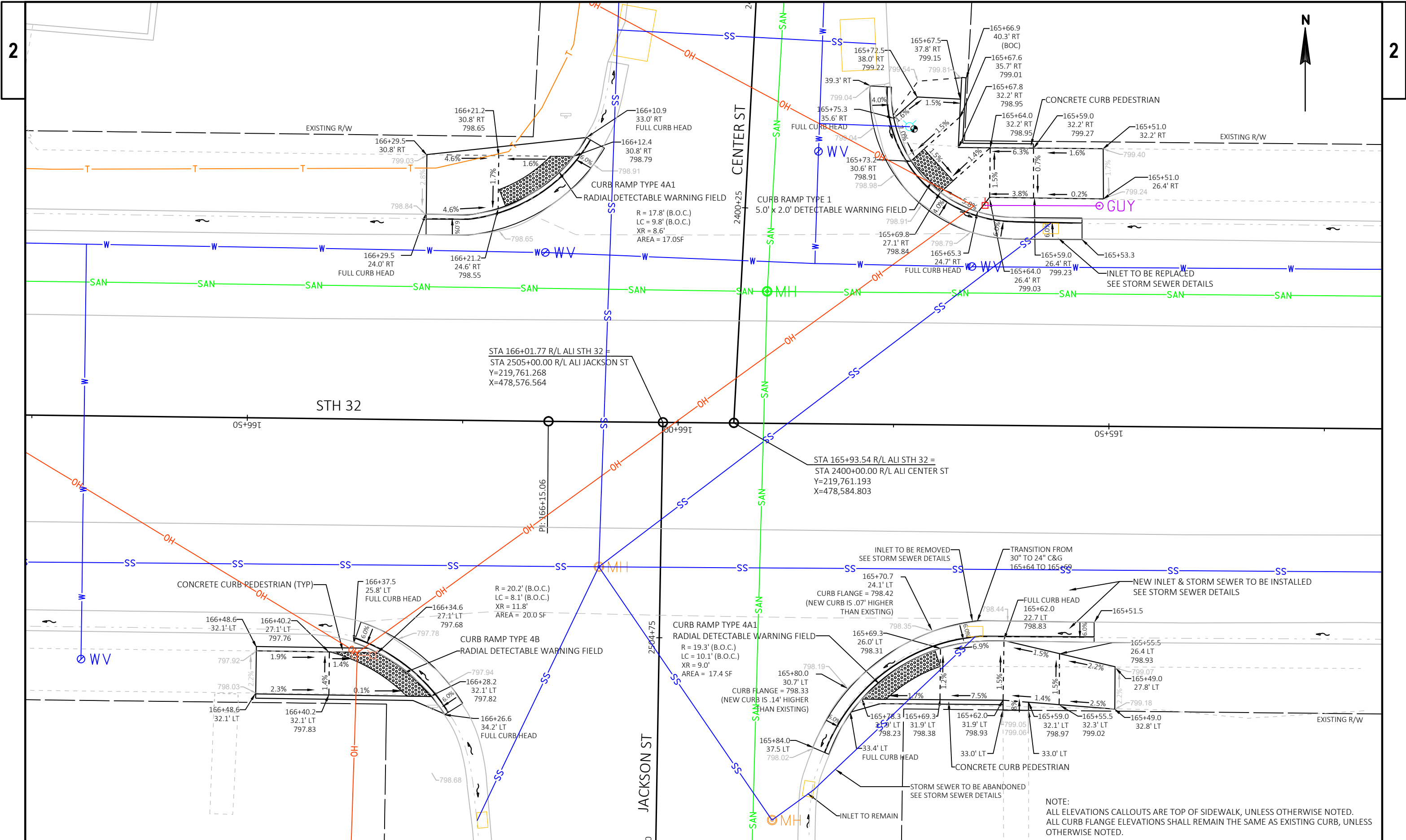
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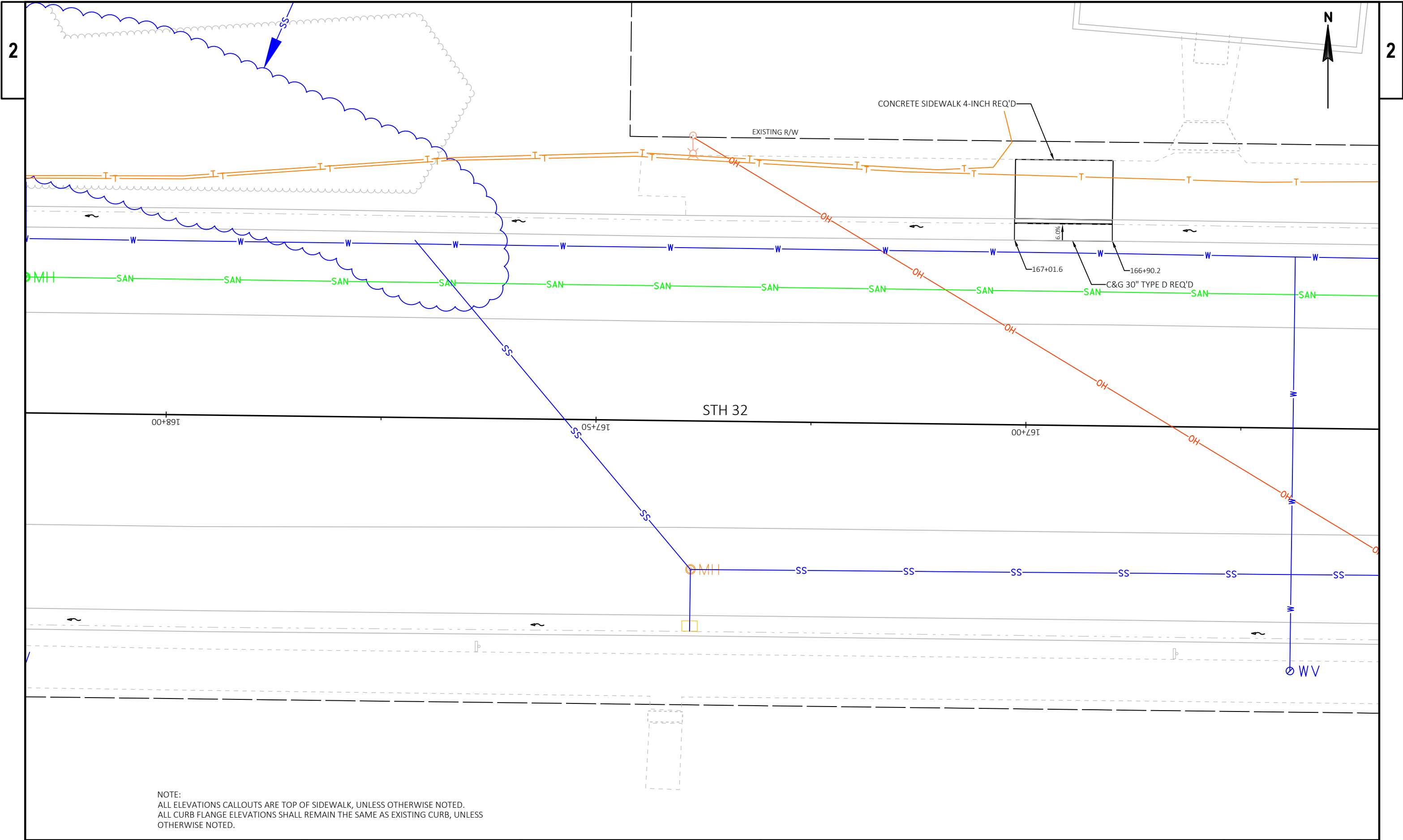
PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

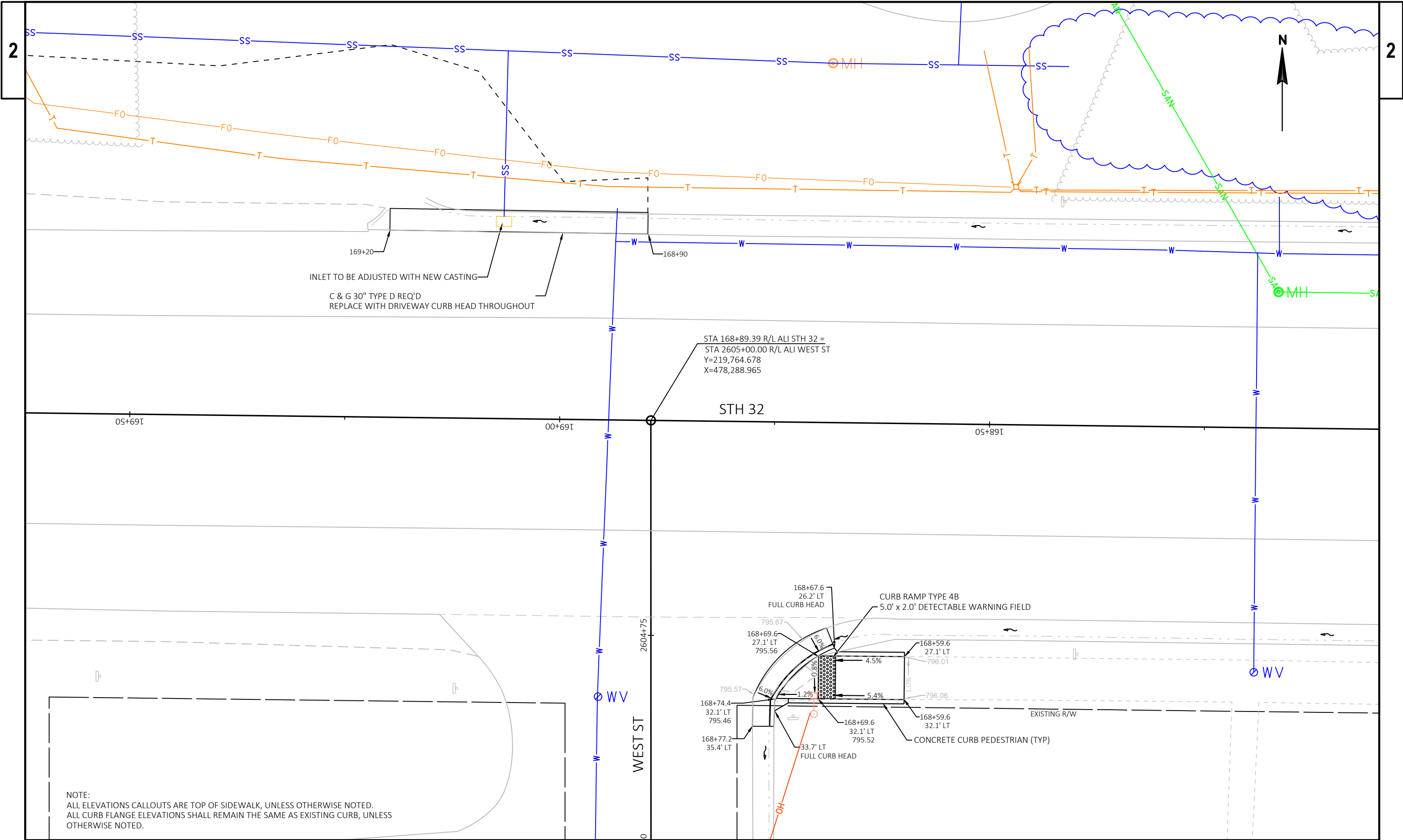


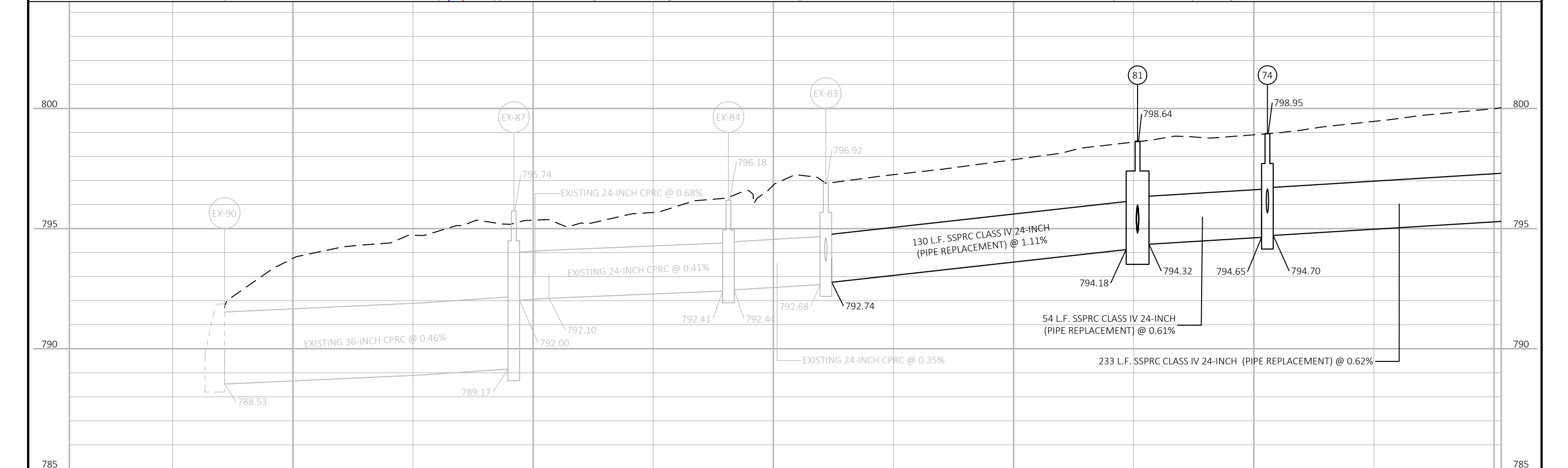
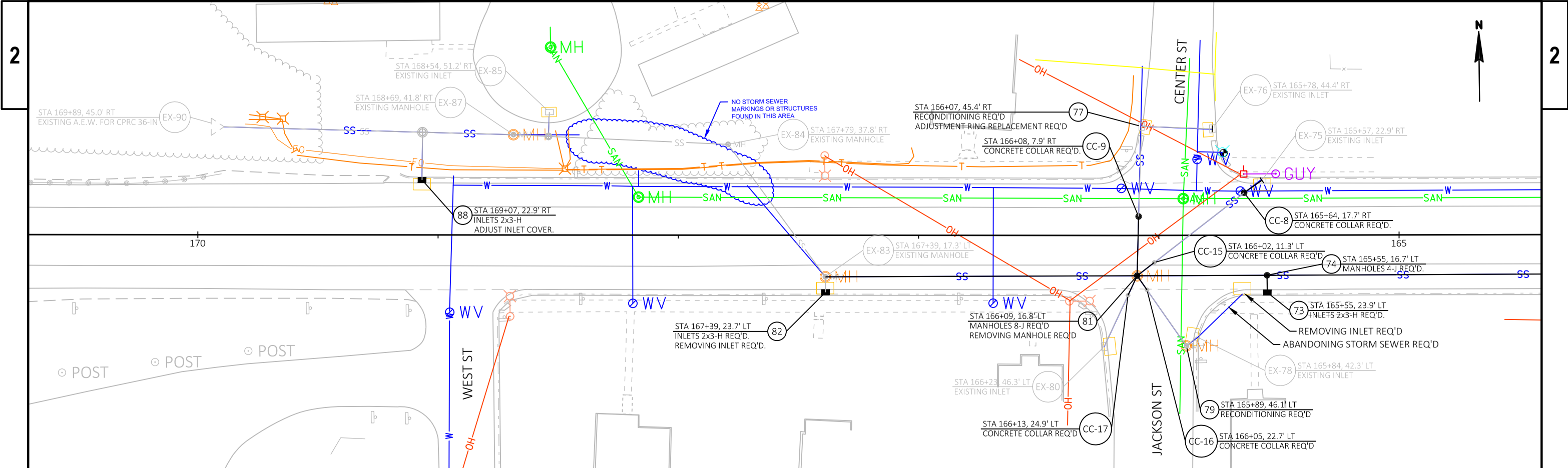


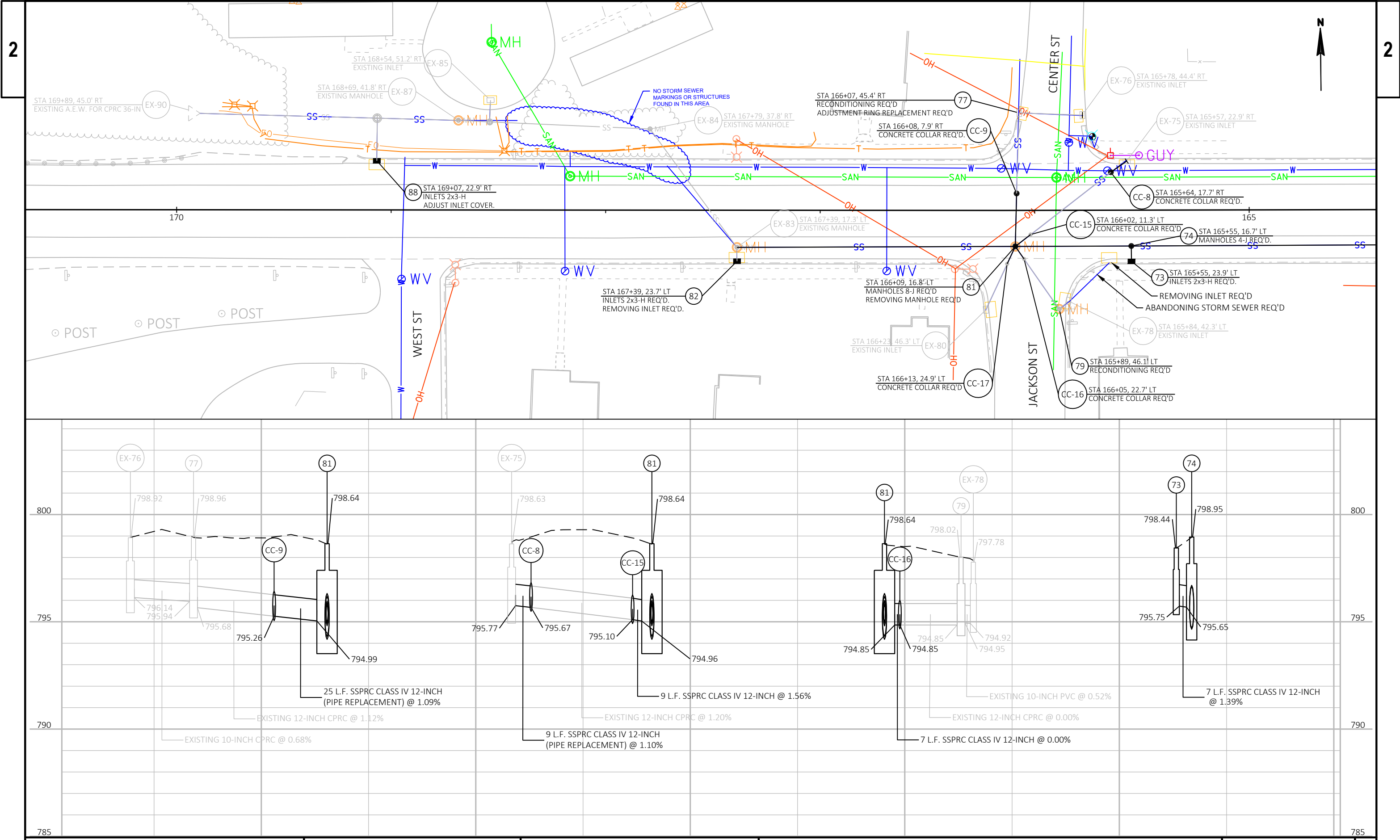


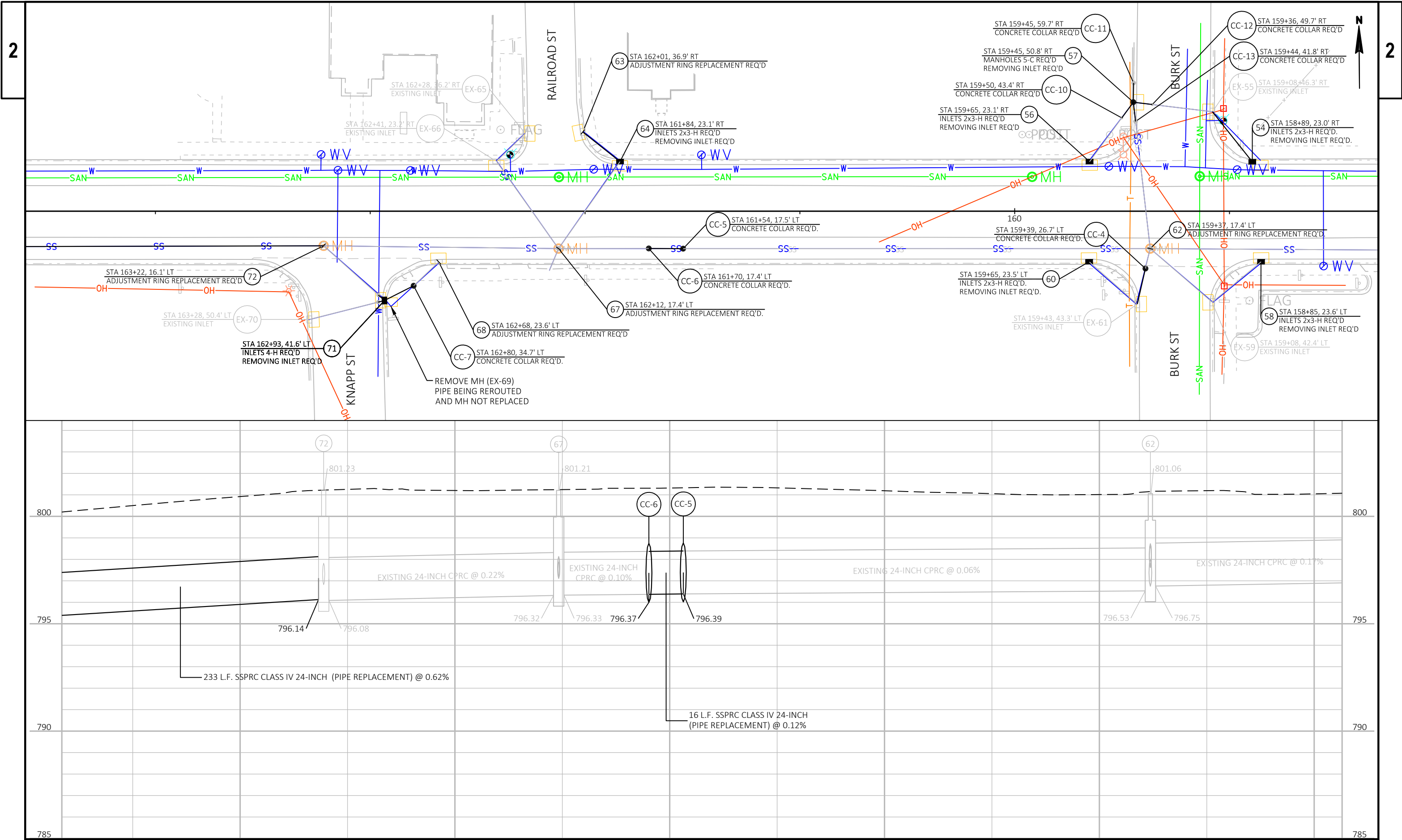


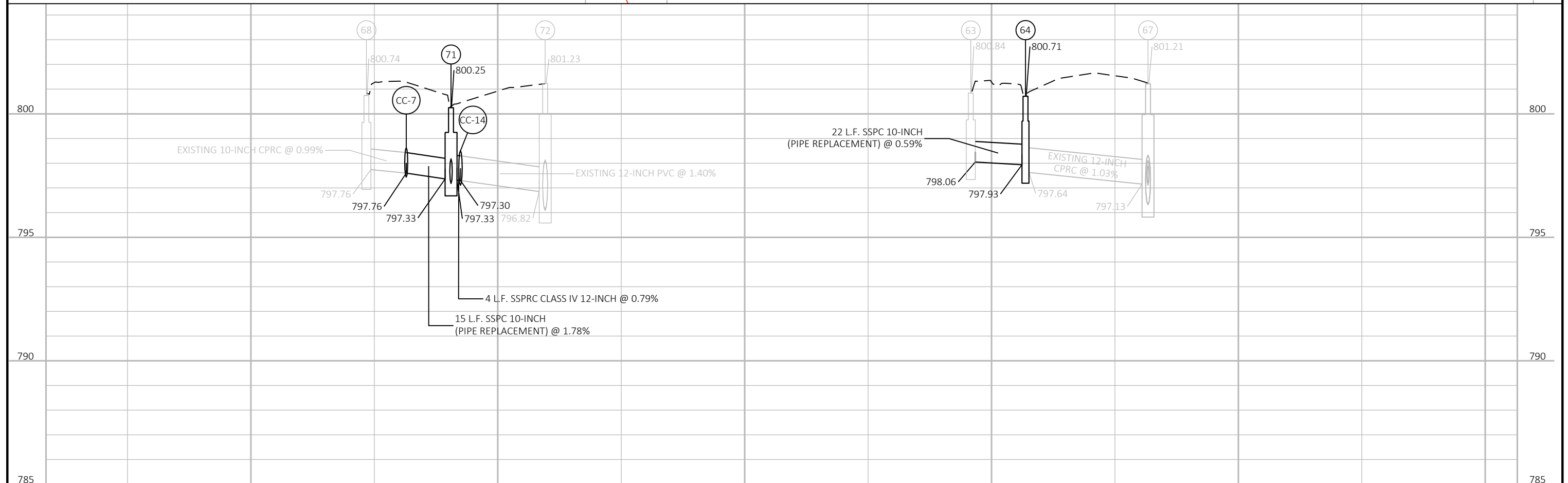
PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	PLAN DETAILS - CURB REPAIR	SHEET	E
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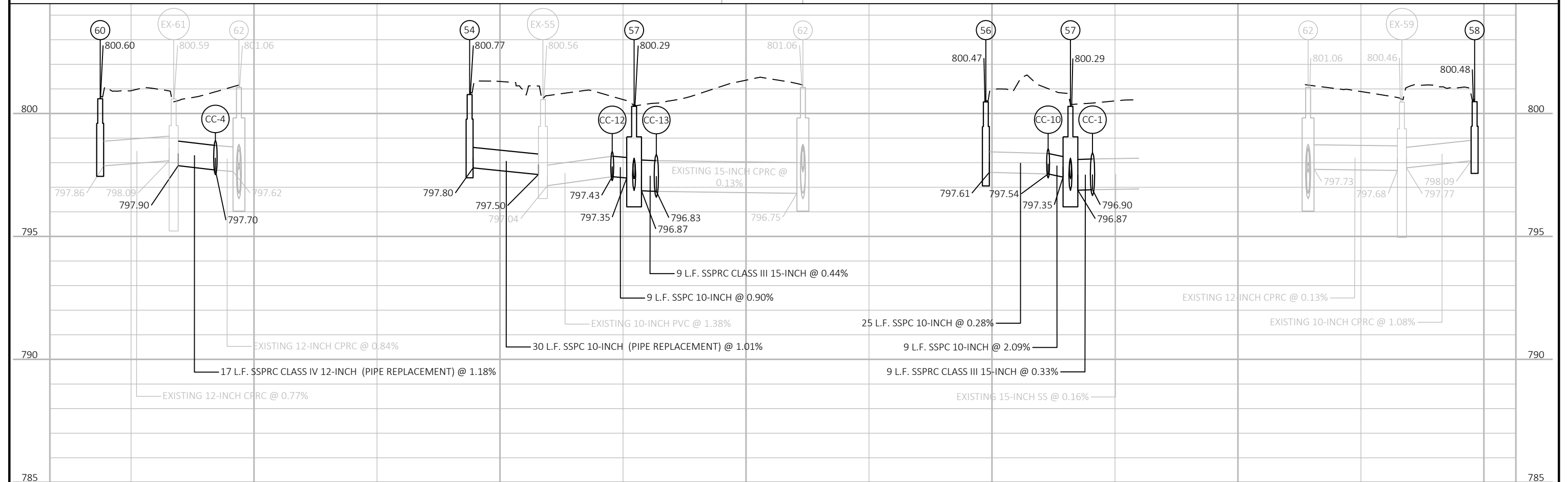


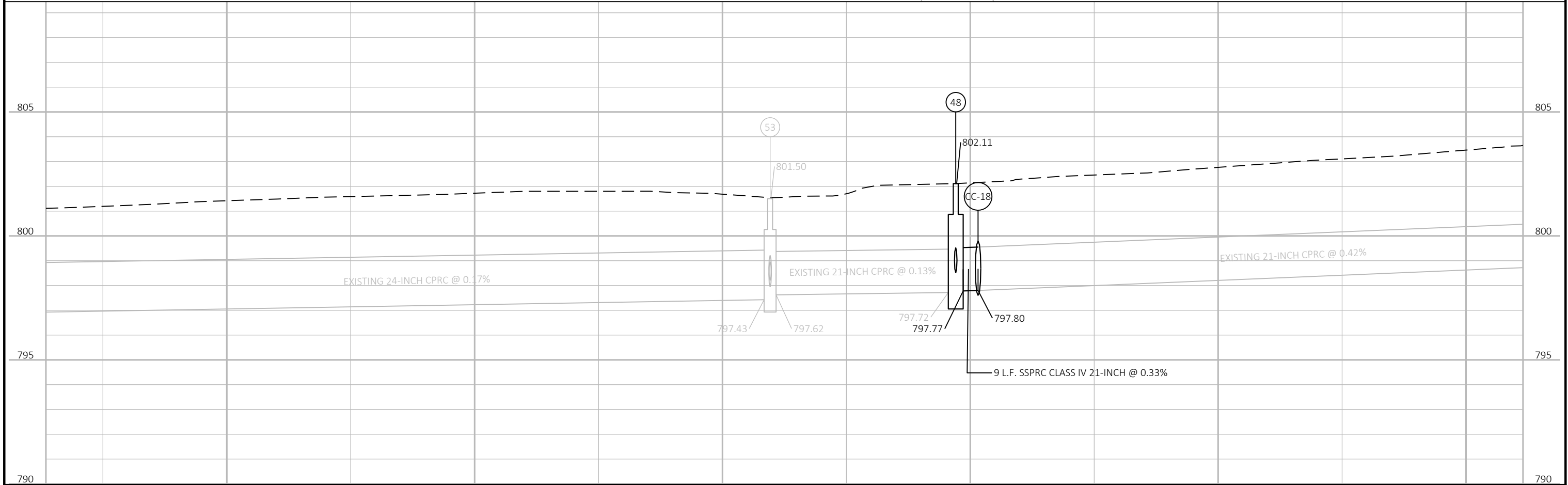
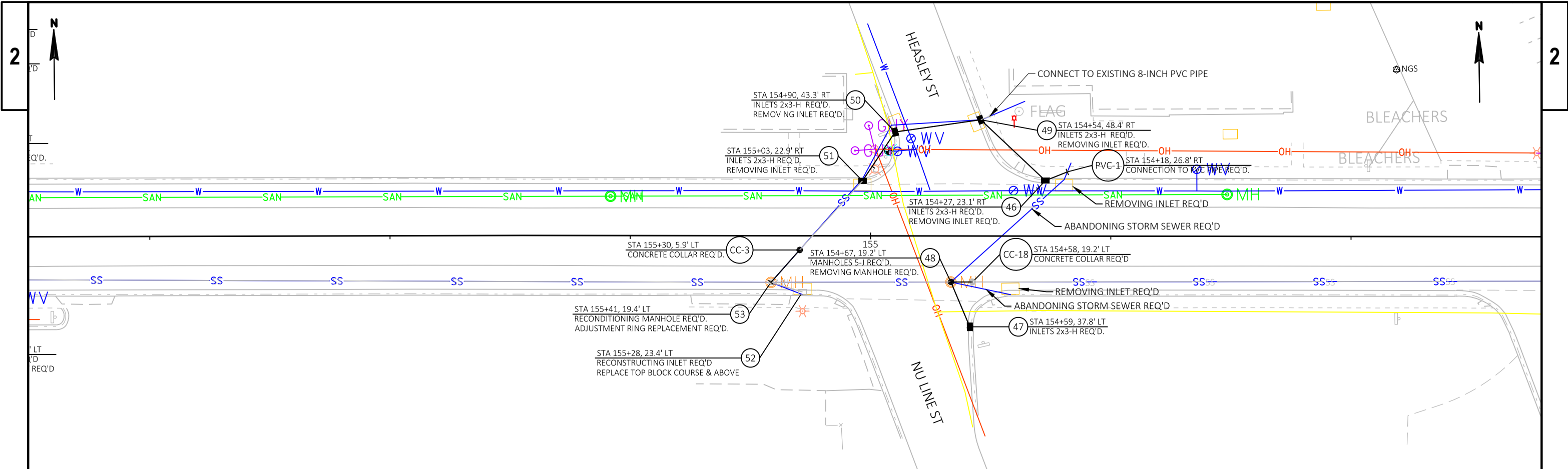


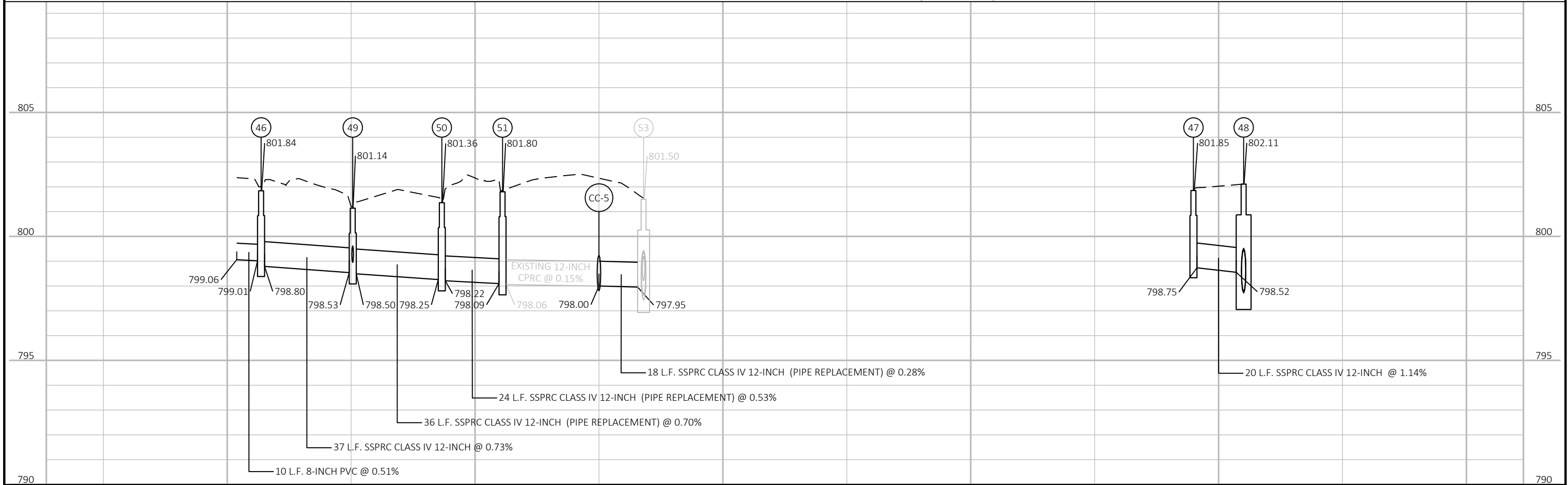
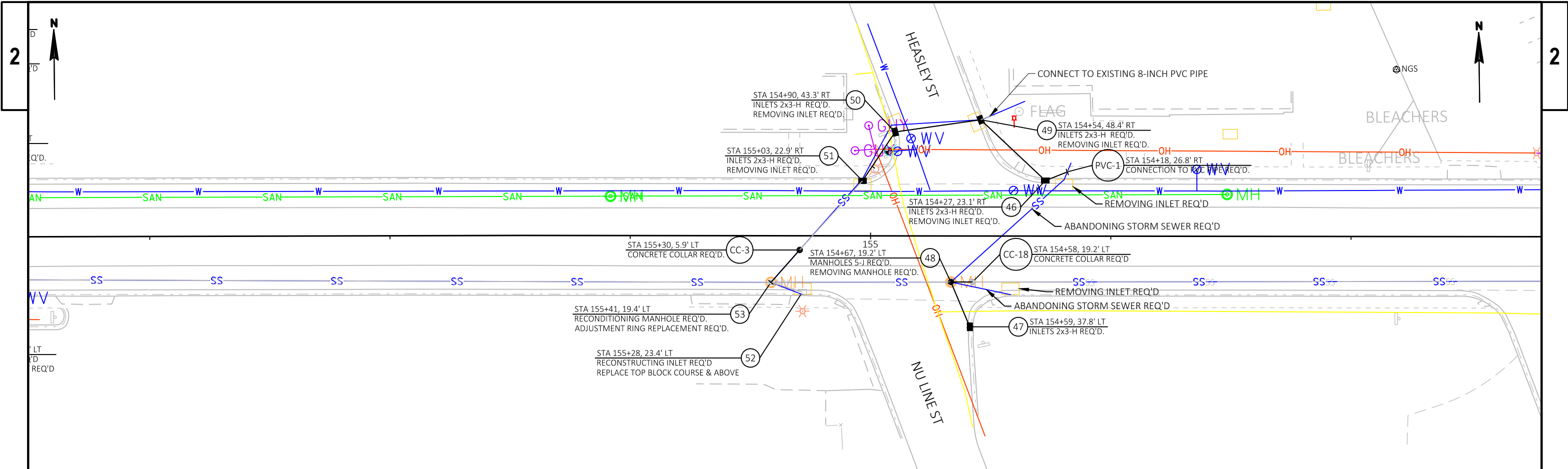


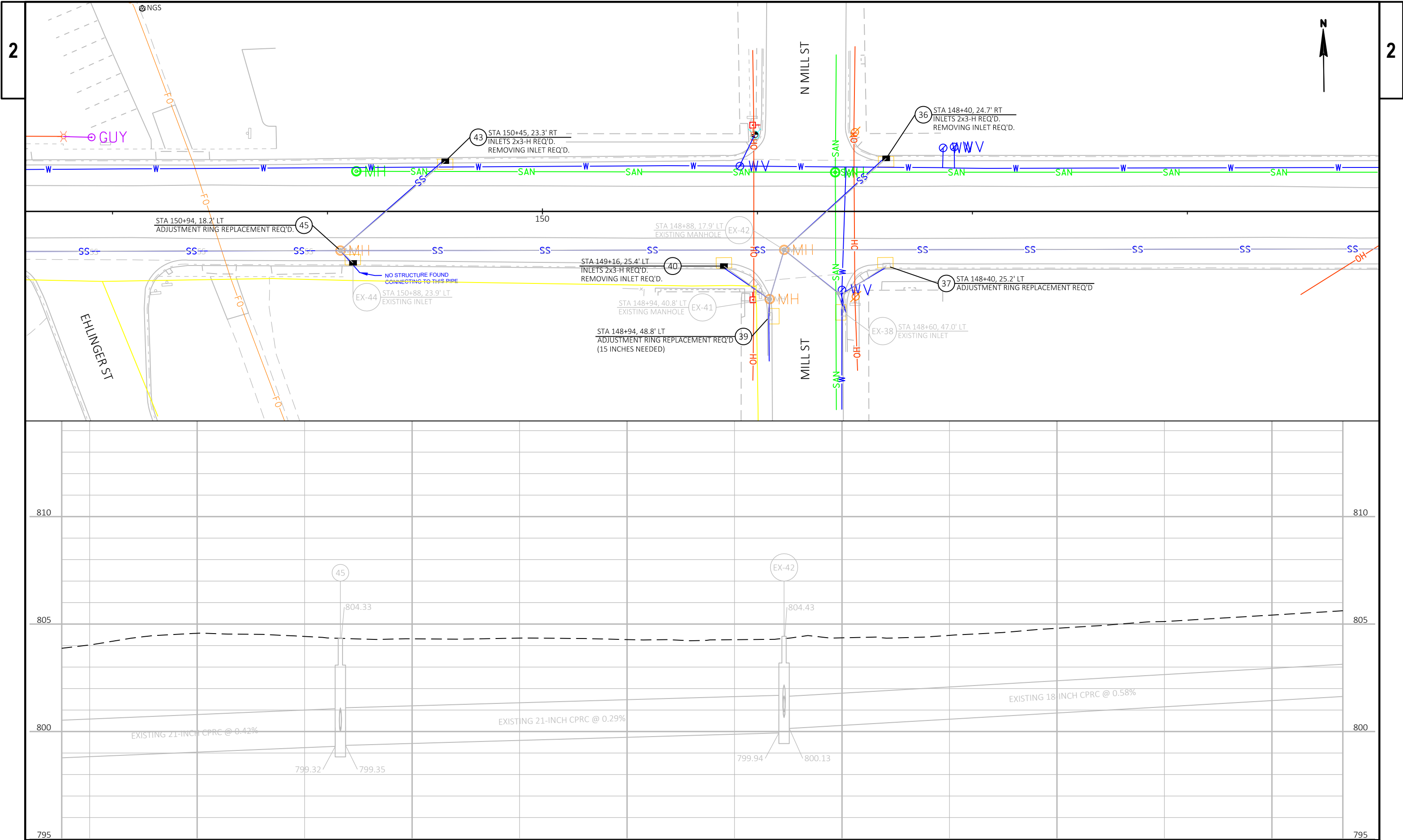


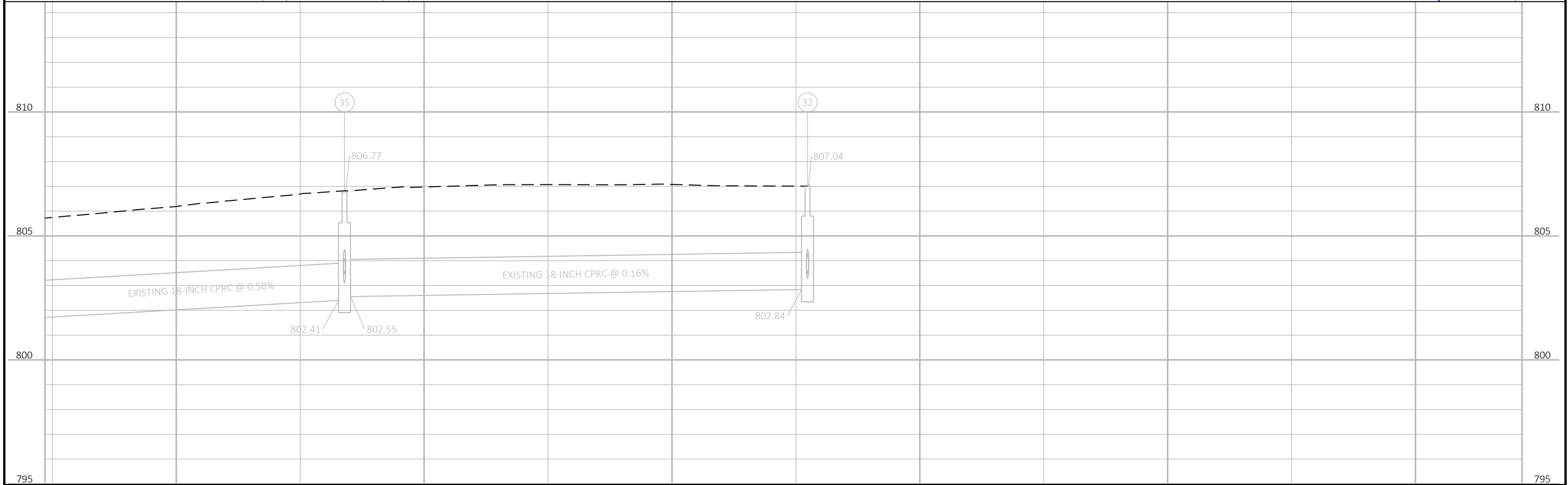
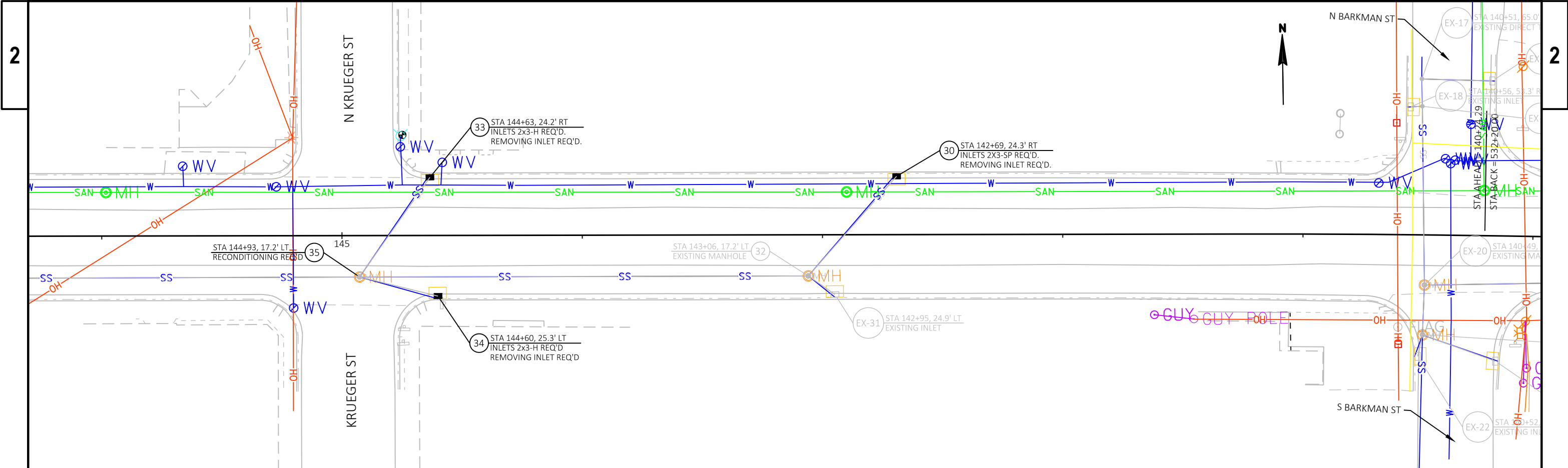


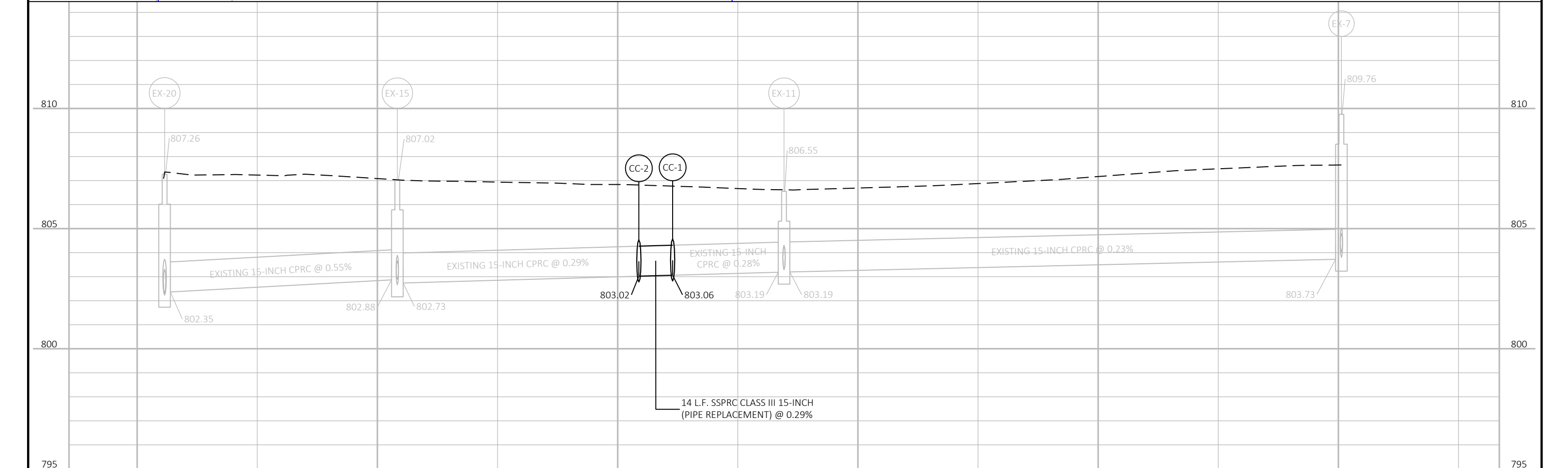
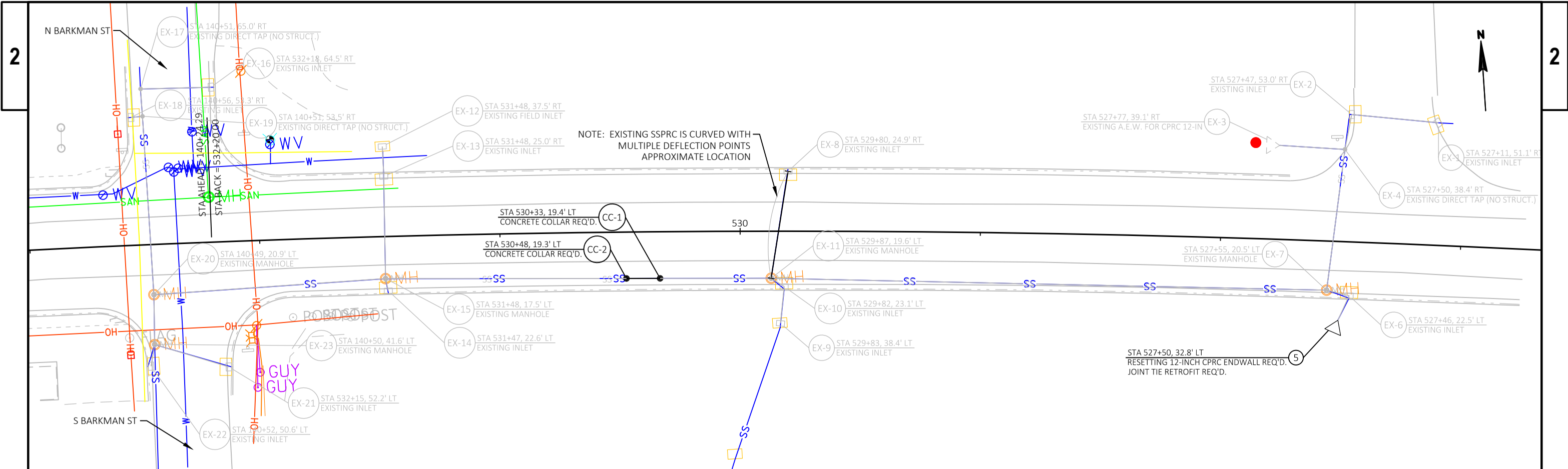


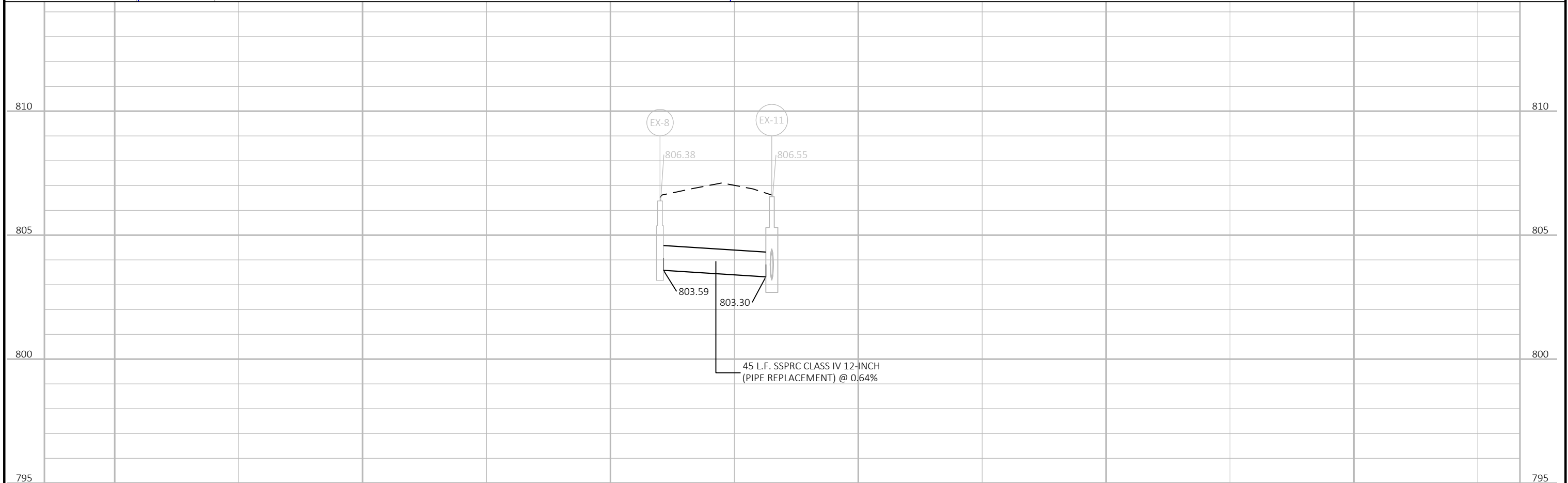
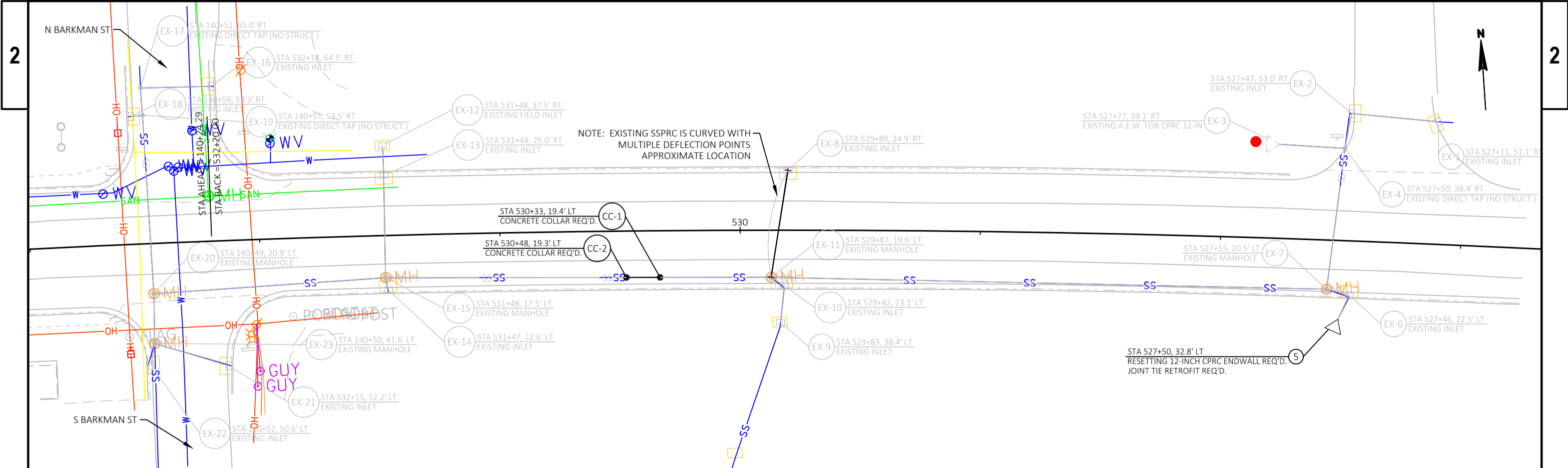


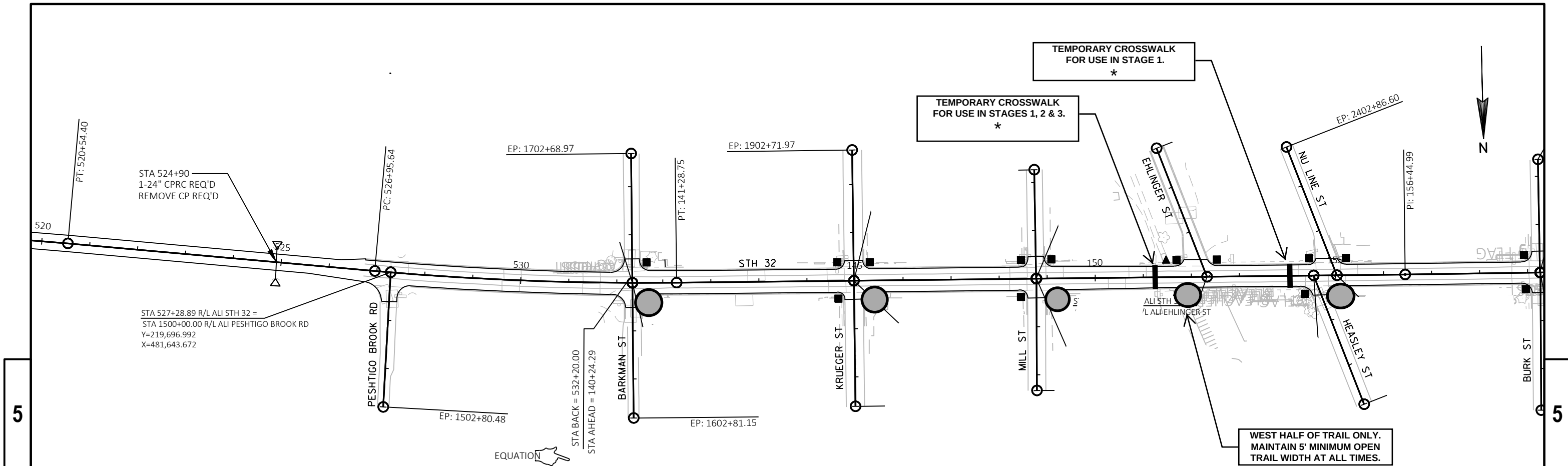




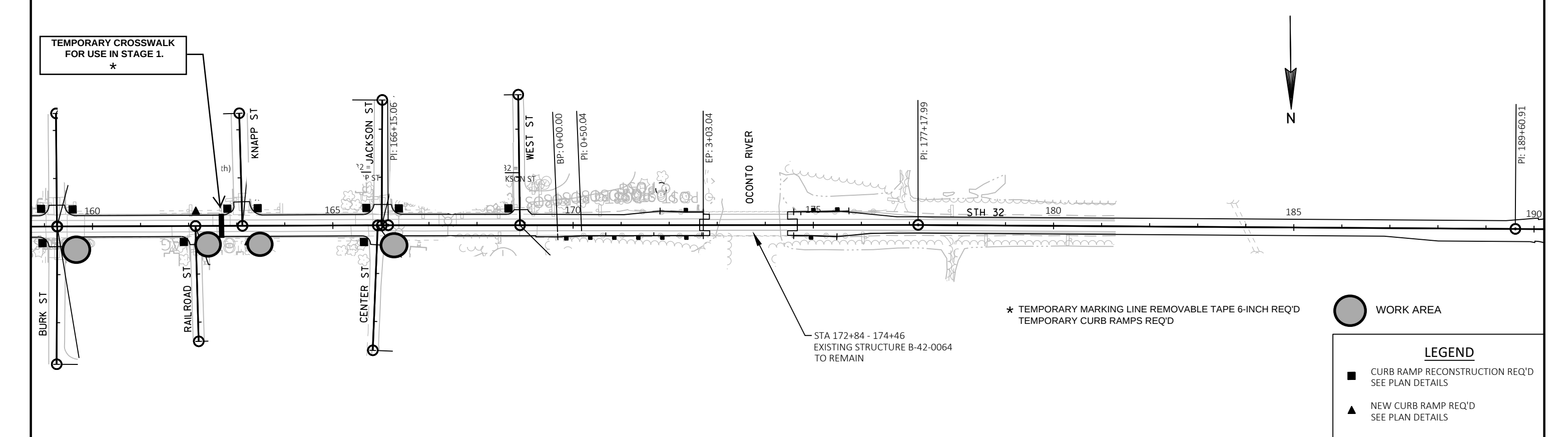




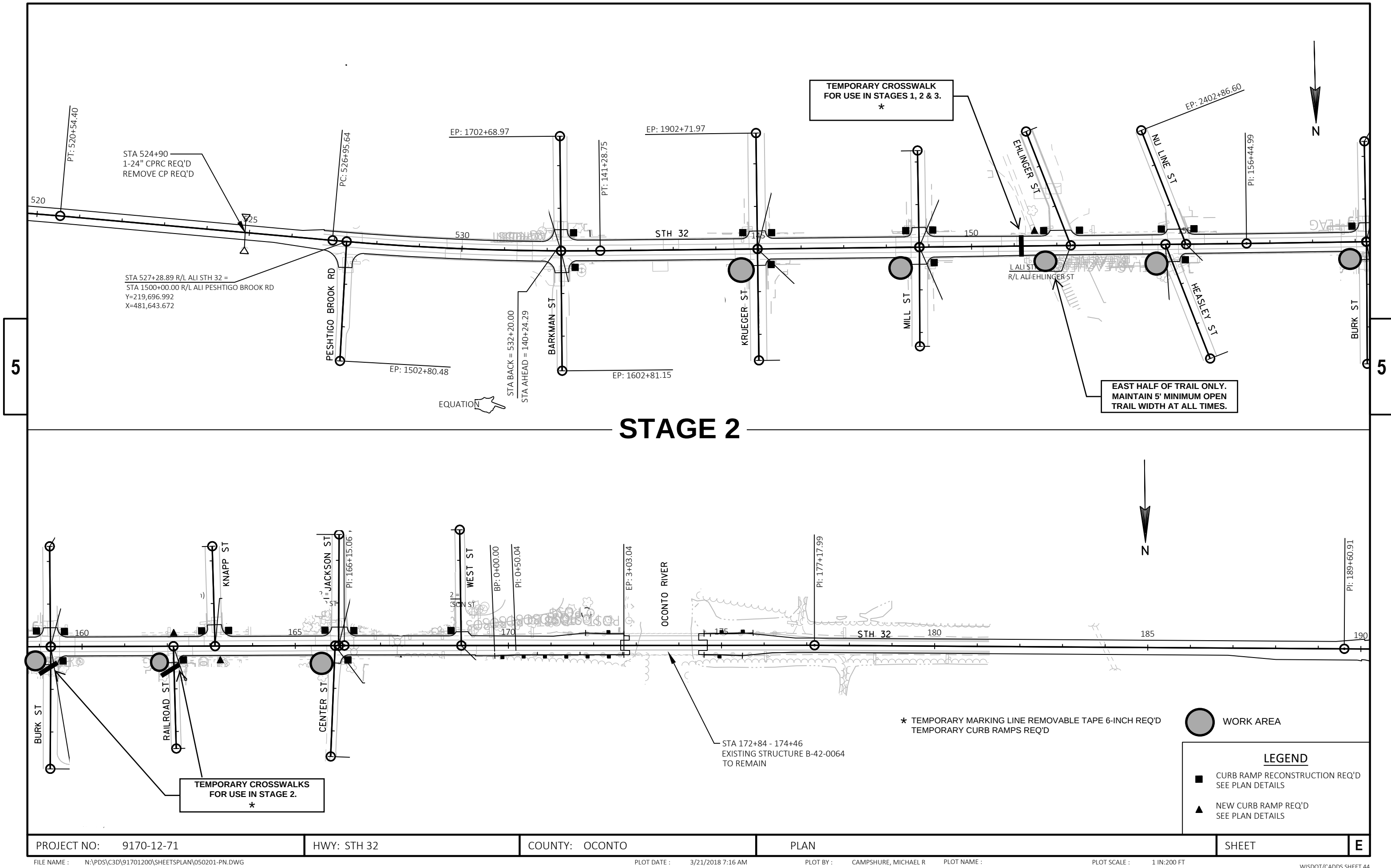




STAGE 1



PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	PLAN	SHEET	E
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PROJECT NO: 9170-12-71

HWY: STH 32

COUNTY: OCONTO

PLAN

SHEET

E

FILE NAME : N:\PDS\C3D\91701200\SHEETS\PLAN\050201-PN.DWG
LAYOUT NAME - 050203-pn

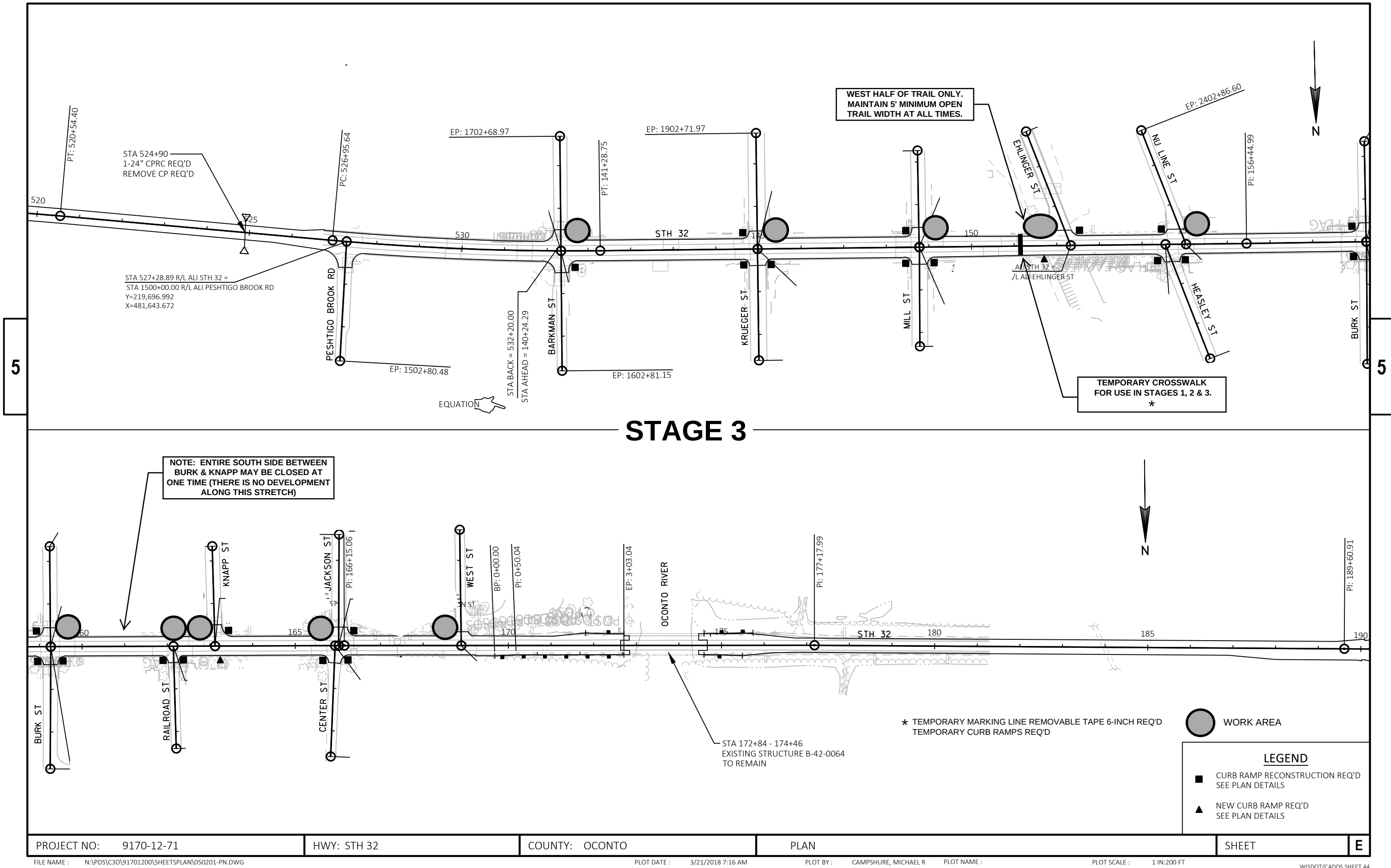
PLOT DATE : 3/21/2018 7:16 AM

PLOT BY : CAMPSHURE, MICHAEL R

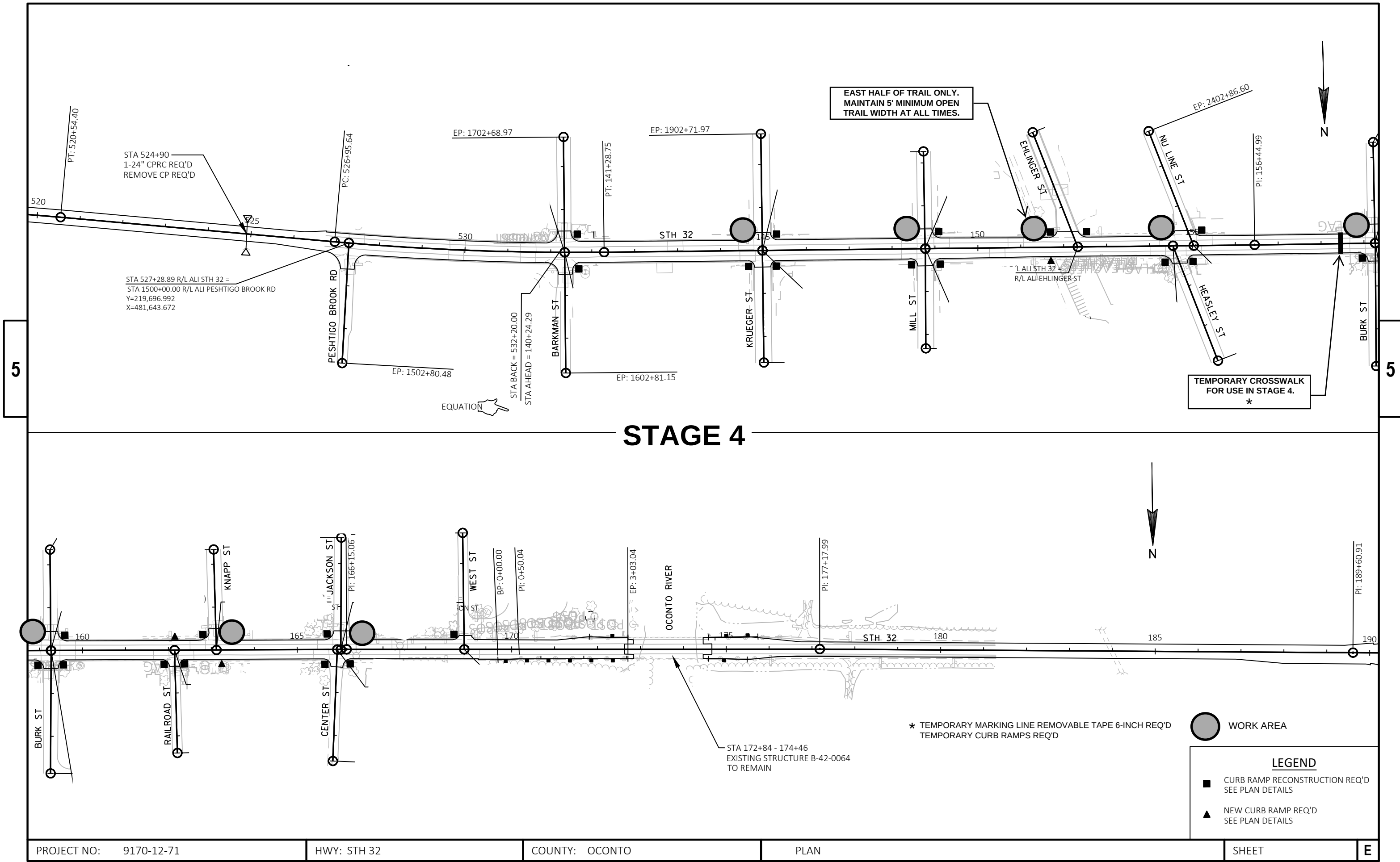
PLOT NAME :

PLOT SCALE : 1 IN:200 FT

WISDOT/CADDs SHEET 44



PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	PLAN	SHEET	E
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PROJECT NO: 9170-12-71

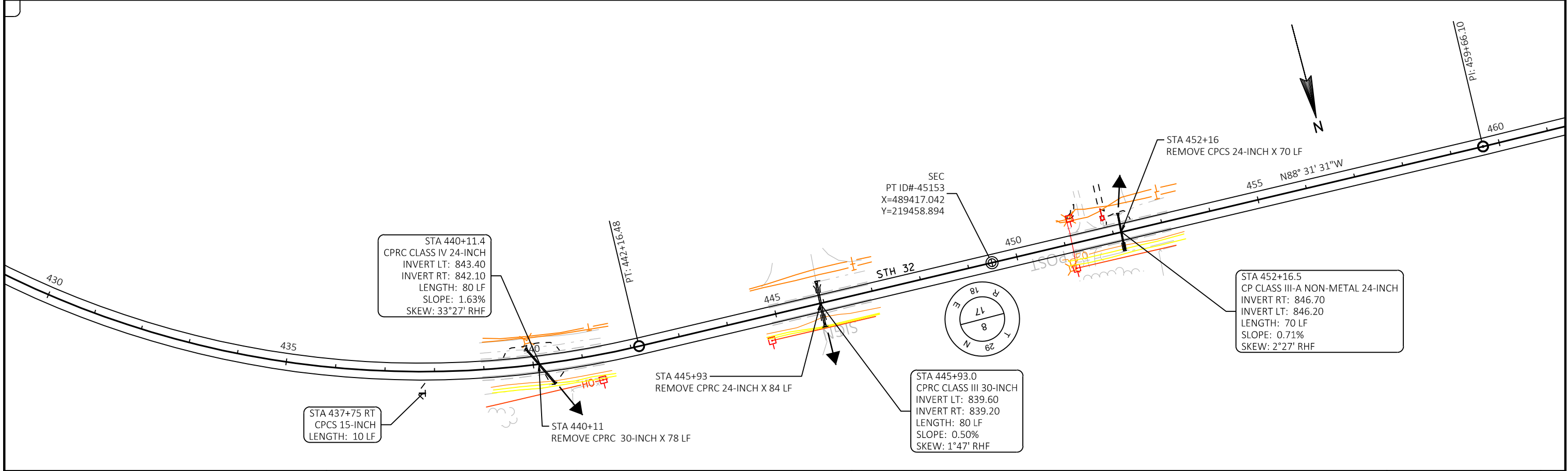
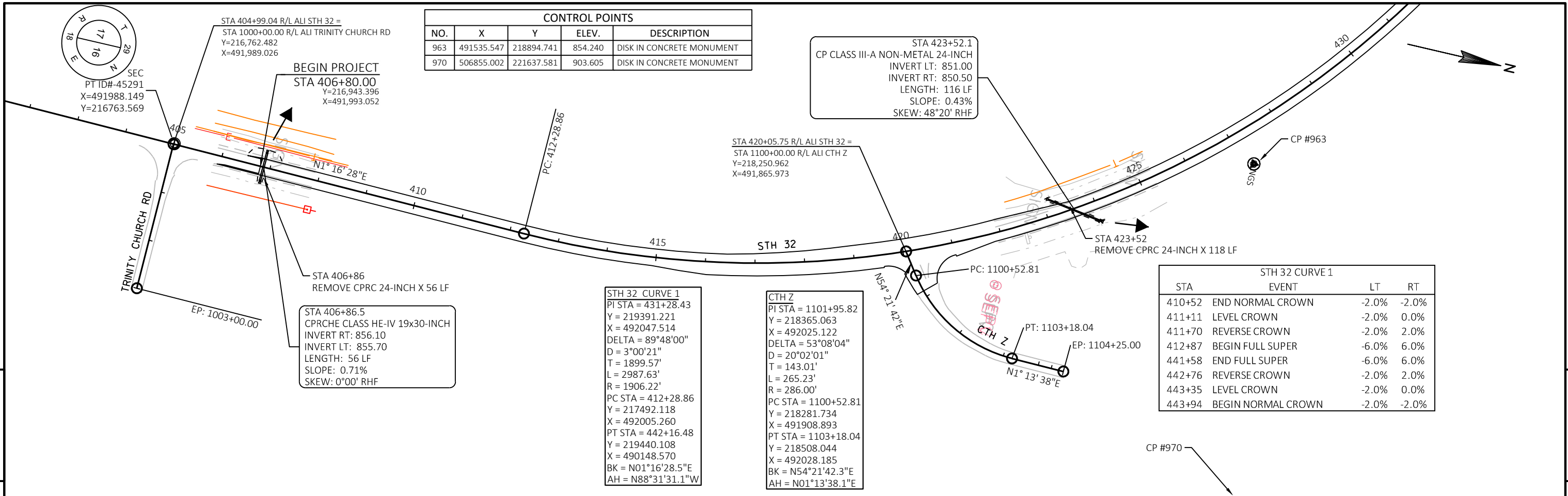
HWY: STH 32

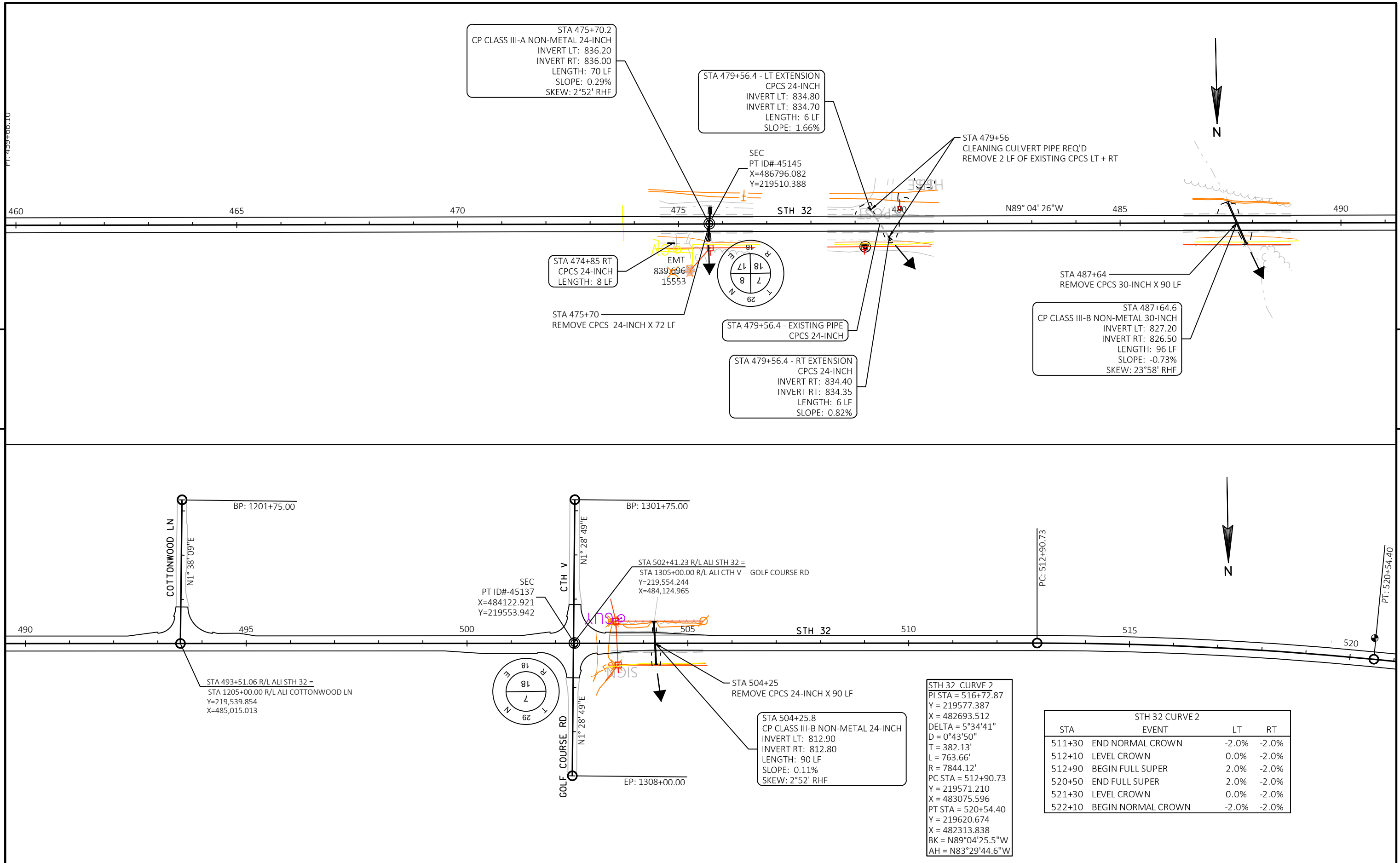
COUNTY: OCONTO

PLAN

SHEET

E

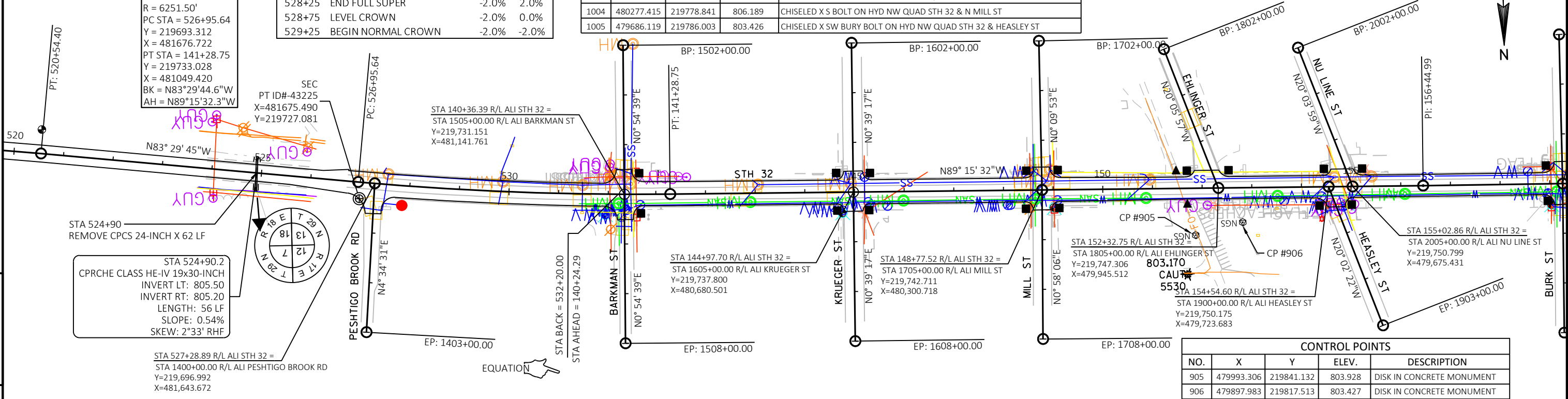




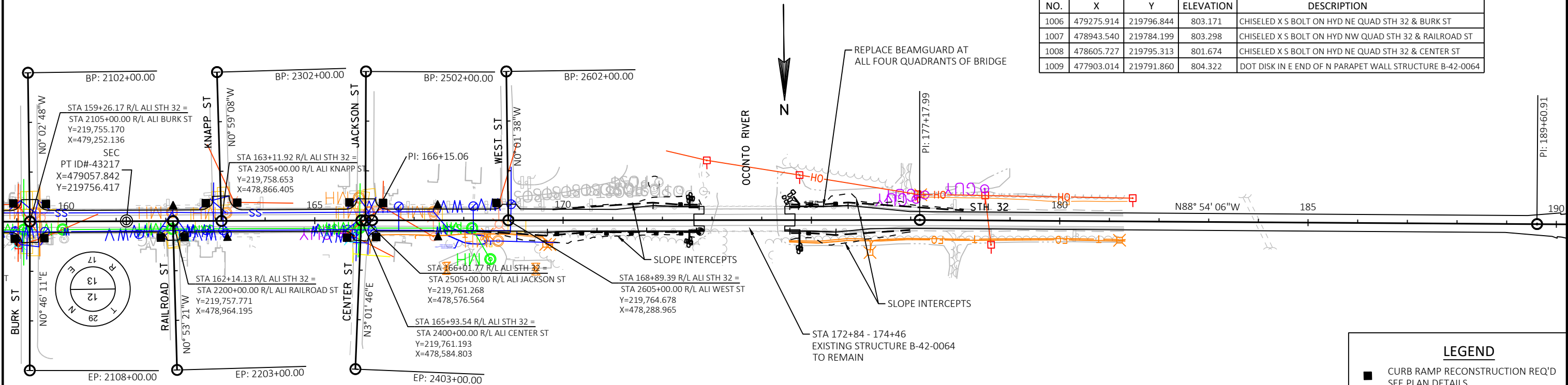
STH 32 CURVE 3
PI STA = 530+10.32
Y = 219728.958
X = 481364.071
DELTA = 5°45'48"
D = 0°54'59"
T = 314.68'
L = 628.82'
R = 6251.50'
PC STA = 526+95.64
Y = 219693.312
X = 481676.722
PT STA = 141+28.75
Y = 219733.028
X = 481049.420
BK = N83°29'44.6"W
AH = N89°15'32.3"W

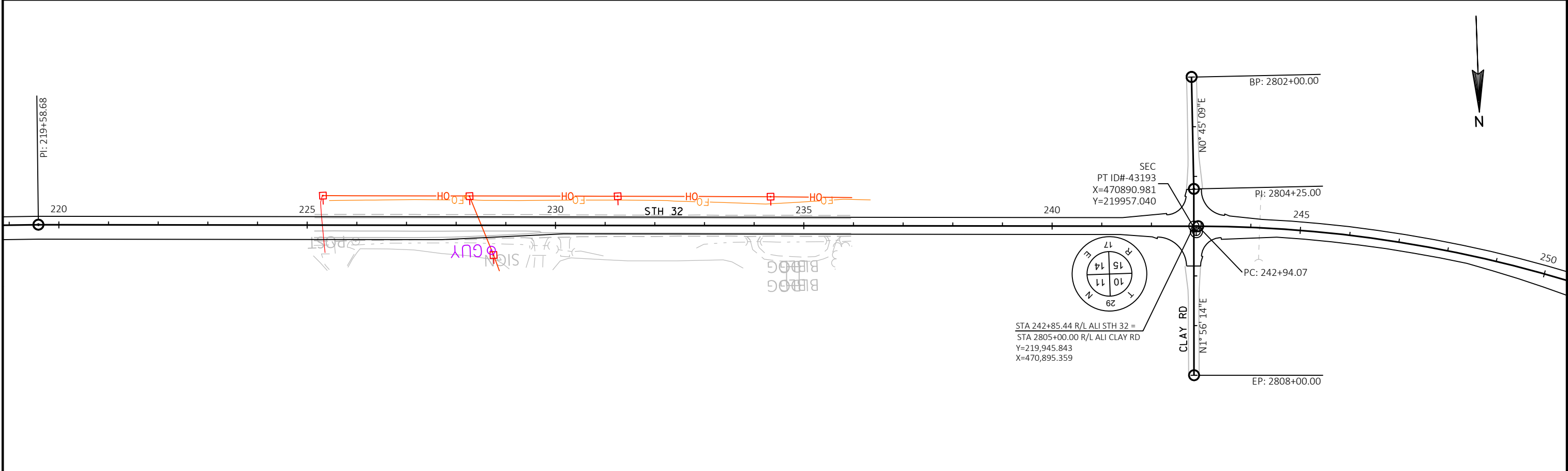
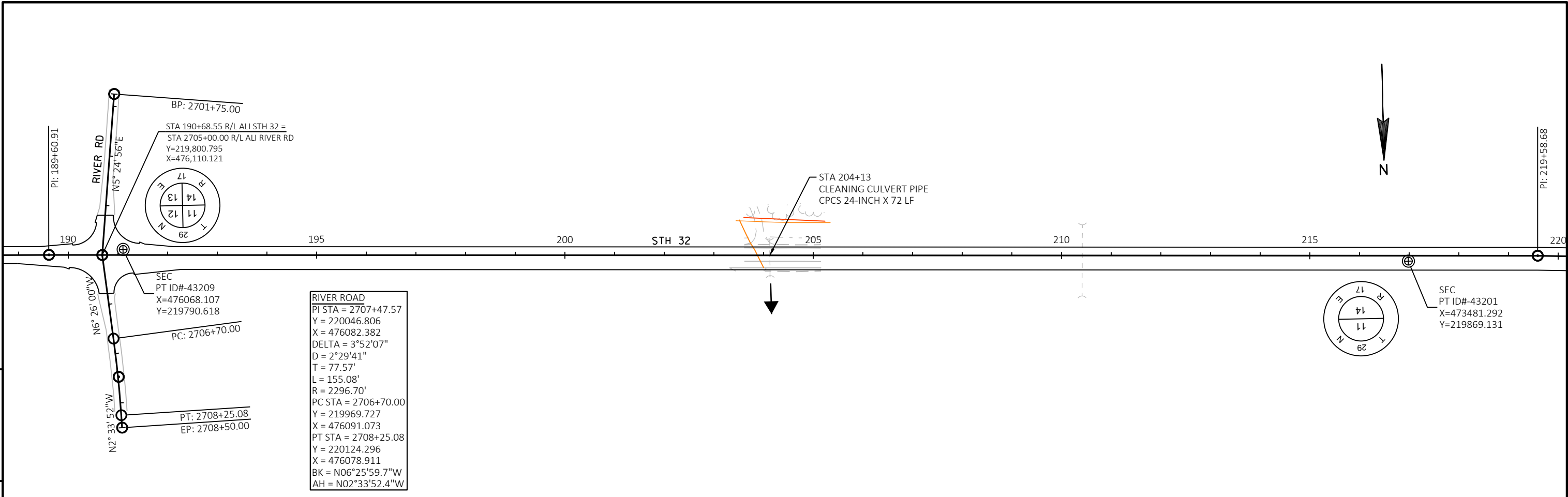
STH 32 CURVE 3				
STA	EVENT	LT	RT	
526+16	END NORMAL CROWN	-2.0%	-2.0%	
526+58	LEVEL CROWN	-2.0%	0.0%	
527+00	BEGIN FULL SUPER	-2.0%	2.0%	
528+25	END FULL SUPER	-2.0%	2.0%	
528+75	LEVEL CROWN	-2.0%	0.0%	
529+25	BEGIN NORMAL CROWN	-2.0%	-2.0%	

BENCHMARKS				
NO.	X	Y	ELEVATION	DESCRIPTION
1000	482310.922	219572.476	811.609	CHISELED X N BOLT ON HYD S SIDE STH 32 & ± 675 FT E PESHTIGO BROOK RD
1001	481590.263	219742.775	809.304	CHISELED X NW BURY BOLT ON HYD NW QUAD STH 32 & PESHTIGO BROOK RD
1002	481180.856	219771.906	808.928	CHISELED X NW BURY BOLT ON HYD NE QUAD STH 32 & N BARKMAN ST
1003	480703.942	219779.426	808.343	CHISELED X NE BURY BOLT ON HYD NE QUAD STH 32 & N KRUEGER
1004	480277.415	219778.841	806.189	CHISELED X S BOLT ON HYD NW QUAD STH 32 & N MILL ST
1005	479686.119	219786.003	803.426	CHISELED X SW BURY BOLT ON HYD NW QUAD STH 32 & HEASLEY ST



BENCHMARKS				
NO.	X	Y	ELEVATION	DESCRIPTION
1006	479275.914	219796.844	803.171	CHISELED X S BOLT ON HYD NE QUAD STH 32 & BURK ST
1007	478943.540	219784.199	803.298	CHISELED X S BOLT ON HYD NW QUAD STH 32 & RAILROAD ST
1008	478605.727	219795.313	801.674	CHISELED X S BOLT ON HYD NE QUAD STH 32 & CENTER ST
1009	477903.014	219791.860	804.322	DOT DISK IN E END OF N PARAPET WALL STRUCTURE B-42-0064





CTH M
PI STA = 2903+86.00
Y = 219995.434
X = 469938.614
DELTA = 70°20'49"
D = 26°53'58"
T = 150.11'
L = 261.52'
R = 213.00'
PC STA = 2902+35.89
Y = 220001.994
X = 469788.650
PT STA = 2904+97.41
Y = 220134.456
X = 469995.228
BK = S87°29'43.6"E
AH = N22°09'27.4"E

CTH R
PI STA = 3004+03.96
Y = 221881.955
X = 468343.405
DELTA = 59°22'40"
D = 27°48'44"
T = 117.45'
L = 213.50'
R = 206.01'
PC STA = 3002+86.50
Y = 221764.607
X = 468338.440
PT STA = 3005+00.00
Y = 221937.456
X = 468446.918
BK = N02°25'21.9"E
AH = N61°48'01.8"E

STH 32 CURVE 4
PI STA = 270+01.14
Y = 220041.434
X = 468181.350
DELTA = 92°13'05"
D = 2°12'00"
T = 2707.07'
L = 4191.57'
R = 2604.25'
PC STA = 242+94.07
Y = 219946.156
X = 470886.742
PT STA = 284+85.63
Y = 222741.112
X = 468381.258
BK = N87°58'58.7"W
AH = N04°14'05.8"E

STH 32 CURVE 4				
STA	EVENT	LT	RT	
241+43	END NORMAL CROWN	-2.0%	-2.0%	
241+99	LEVEL CROWN	0.0%	-2.0%	
242+55	REVERSE CROWN	2.0%	-2.0%	
243+39	BEGIN FULL SUPER	5.0%	5.0%	
284+38	END FULL SUPER	5.0%	5.0%	
285+29	REVERSE CROWN	2.0%	-2.0%	
285+96	LEVEL CROWN	0.0%	-2.0%	
286+52	BEGIN NORMAL CROWN	-2.0%	-2.0%	

STA 252+09.50 R/L ALI STH 32 =
STA 2905+00.00 R/L ALI CTH M
Y=220,136.854
X=469,996.204

STA 273+03
REMOVE CPRC 24-INCH X 80 LF

STA 272+00 - 273+25 RT
REDITCHING REQ'D

STA 272+97.4
CPRC CLASS III 24-INCH
INVERT RT: 855.20
INVERT LT: 853.90
LENGTH: 80 LF
SLOPE: 1.62%
SKEW: 26°44' RHF

STA 276+40 RT
CPCS 18-INCH
LENGTH: 12 LF

STA 276+80 RT
CPCS 18-INCH
LENGTH: 12 LF

STA 276+76.04 R/L ALI STH 32 =
STA 3005+00.00 R/L ALI CTH R
Y=221,937.456
X=468,446.918

EQUATION

STA 307+69 - Existing CP (to be lined)
CPCS 30-INCH

STA 307+69 Liner
CP LINER 18-INCH
INVERT RT: 844.20
INVERT LT: 843.30
LENGTH: 147 LF
SLOPE: 0.61%
SKEW: 0°11' RHF

PROJECT NO: 9170-12-71

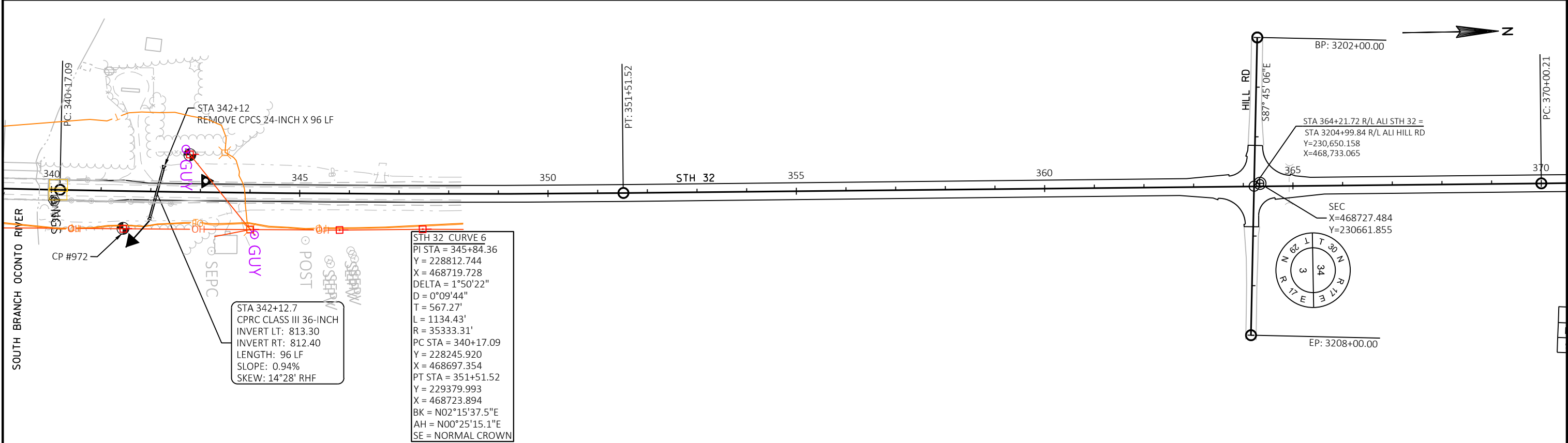
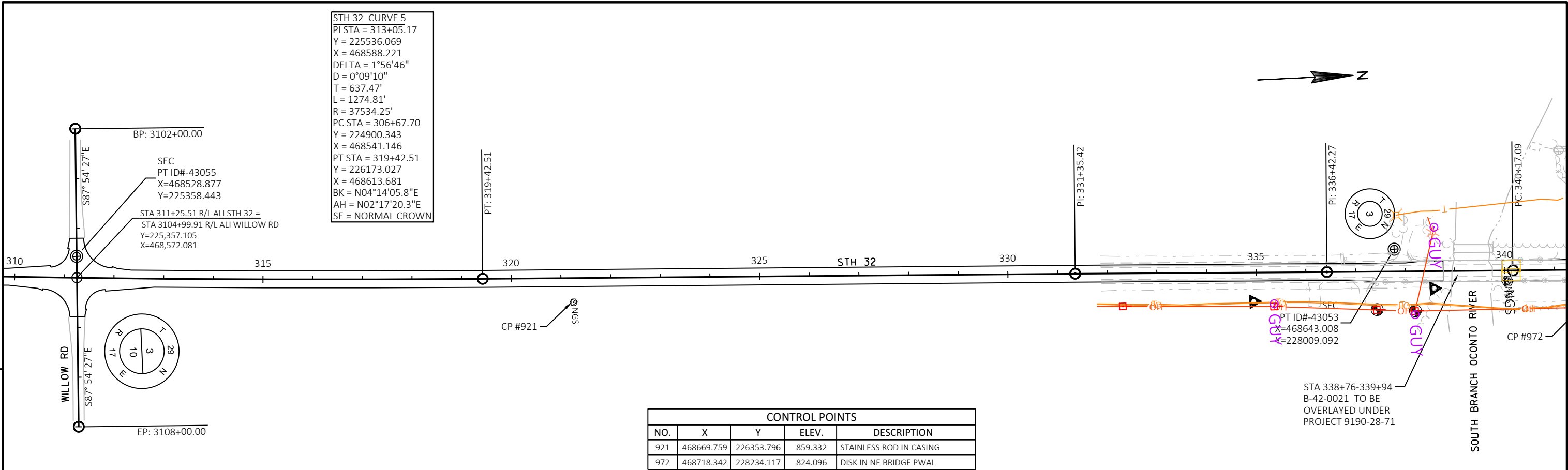
HWY: STH 32

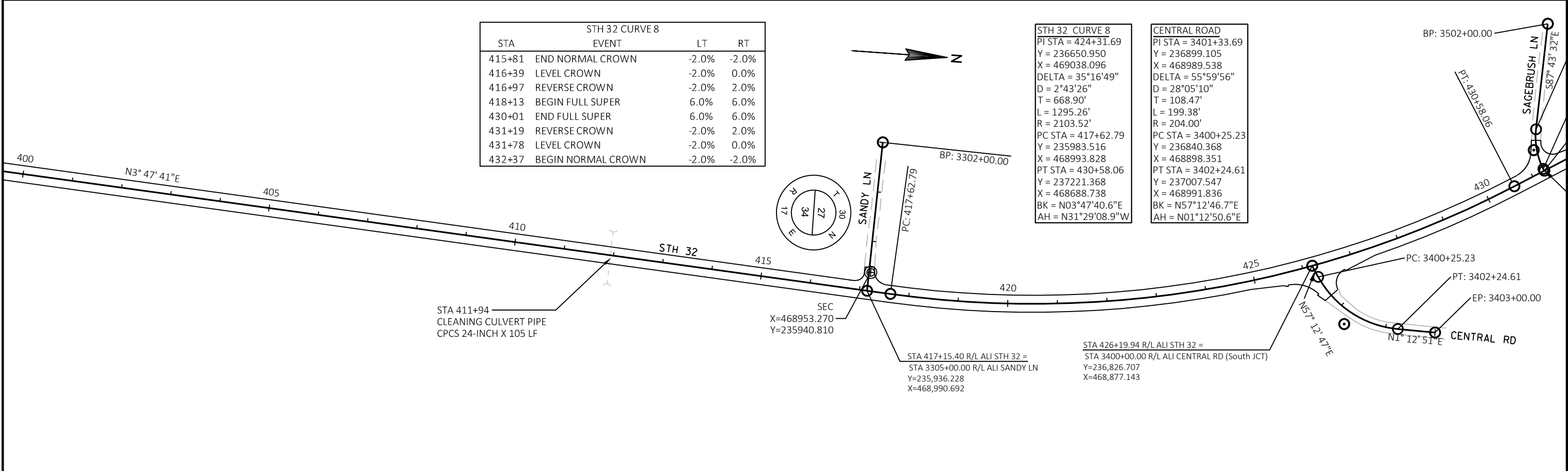
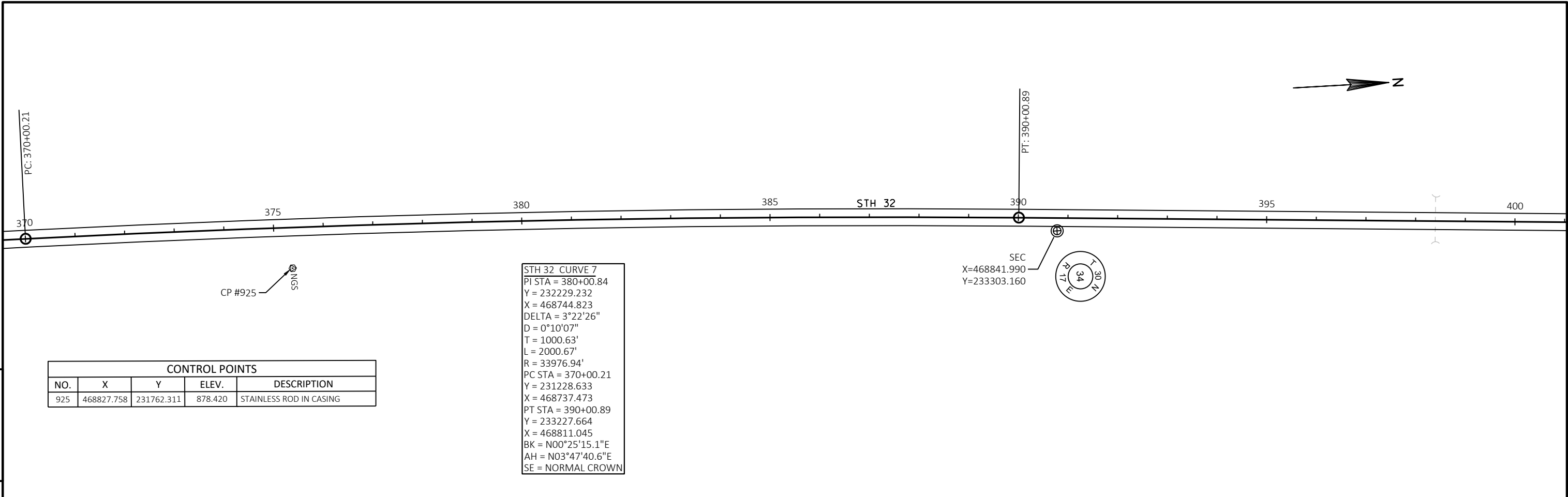
COUNTY: OCONTO

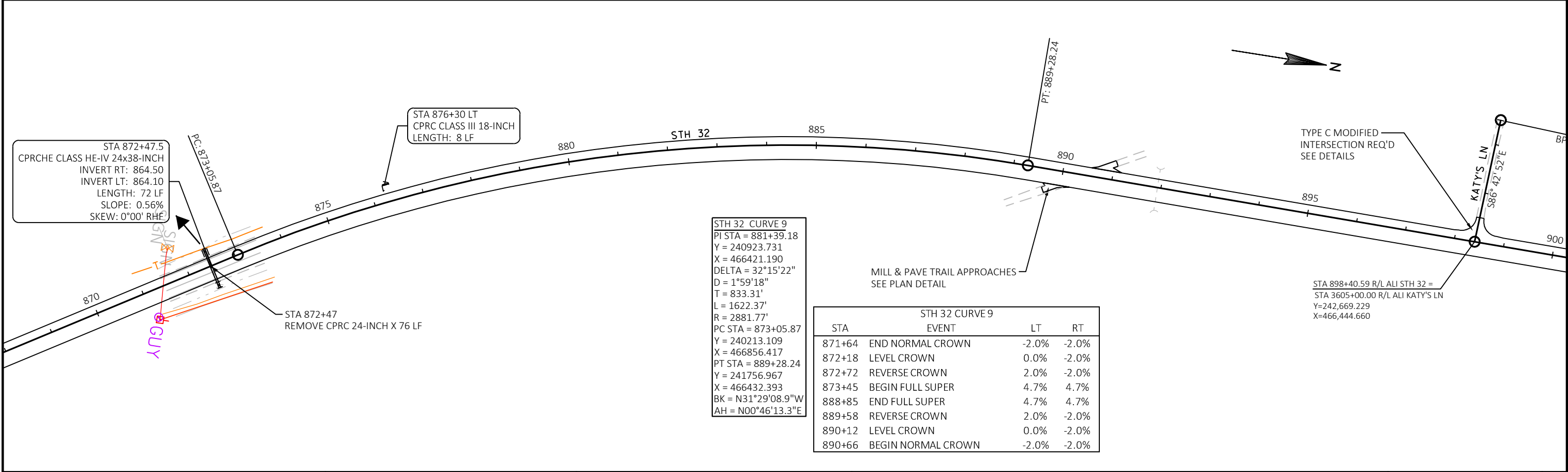
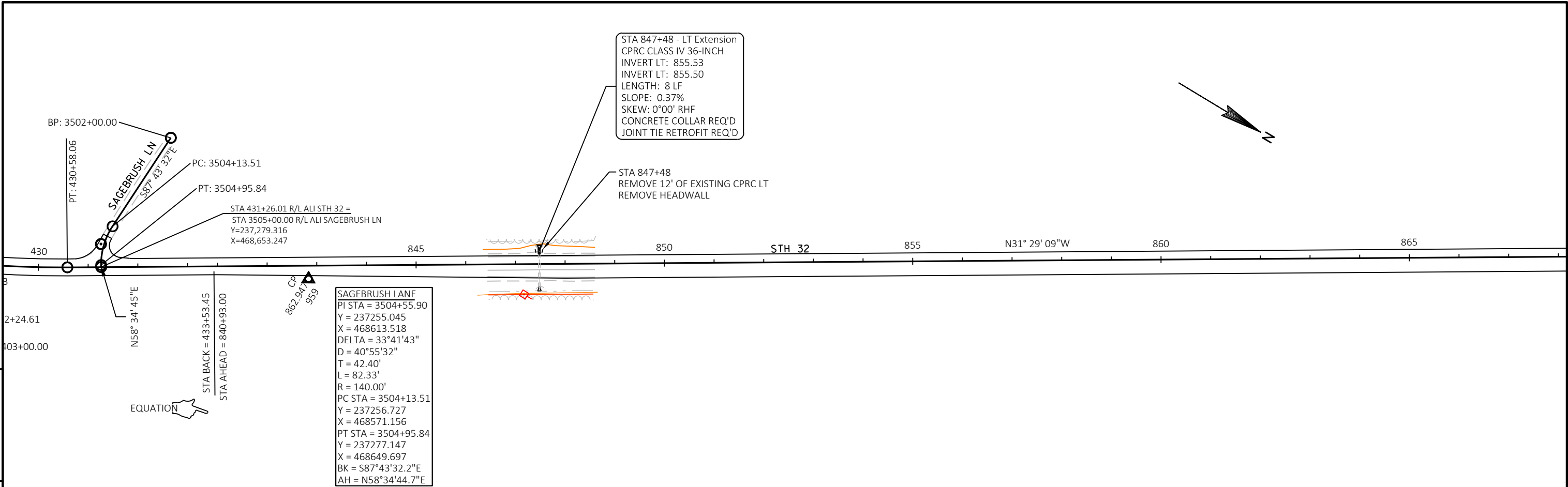
PLAN

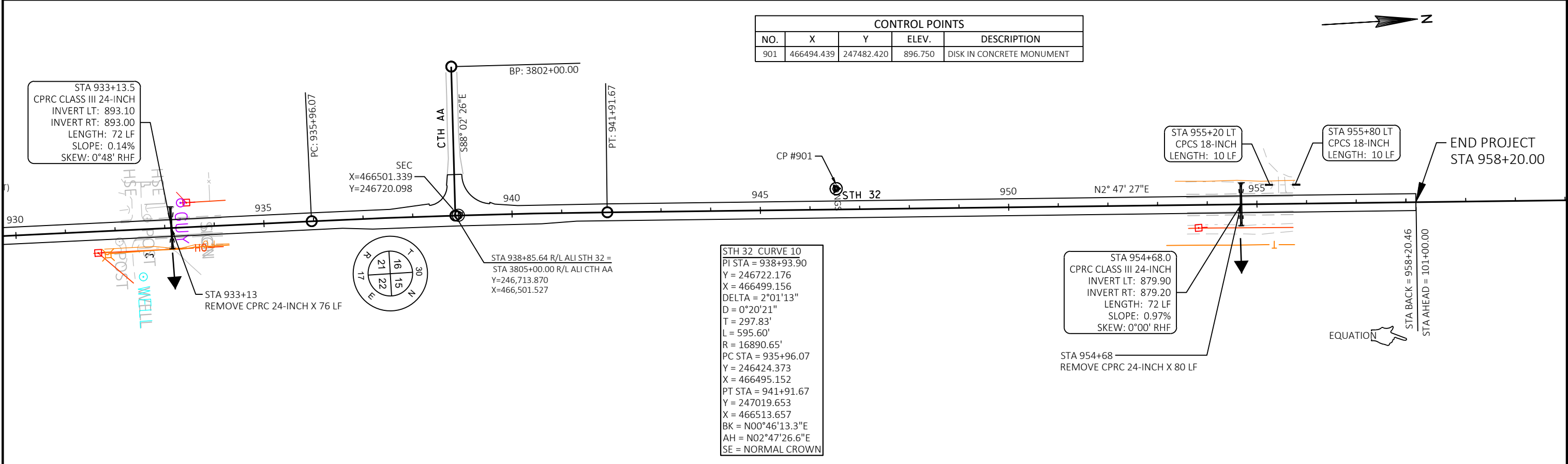
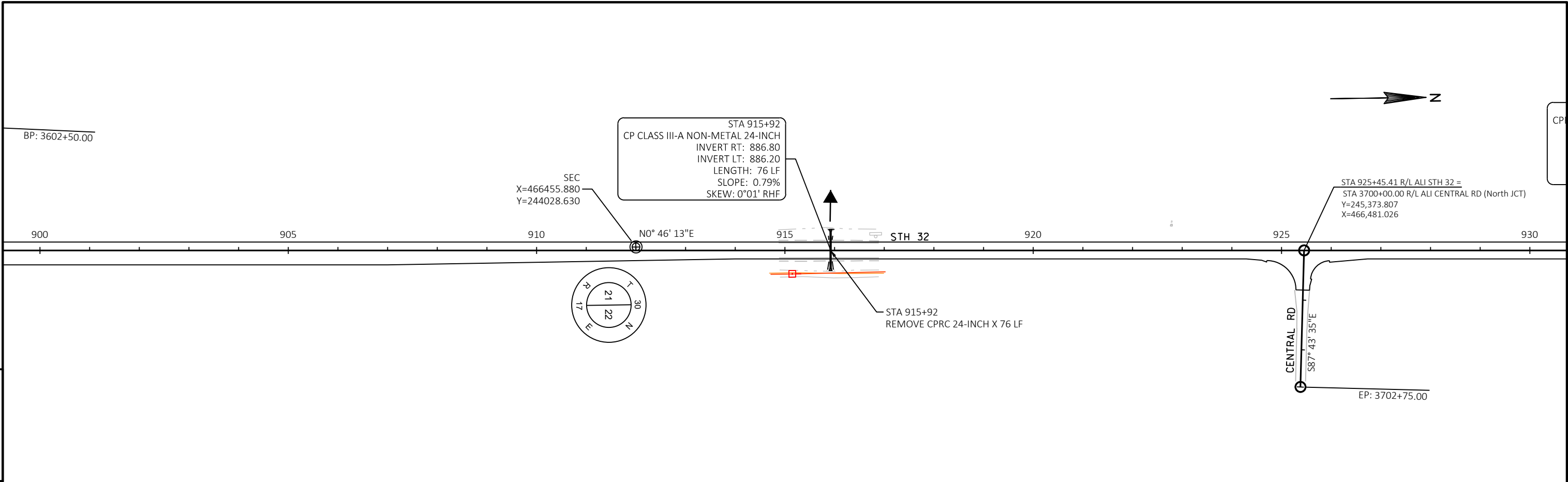
SHEET

E

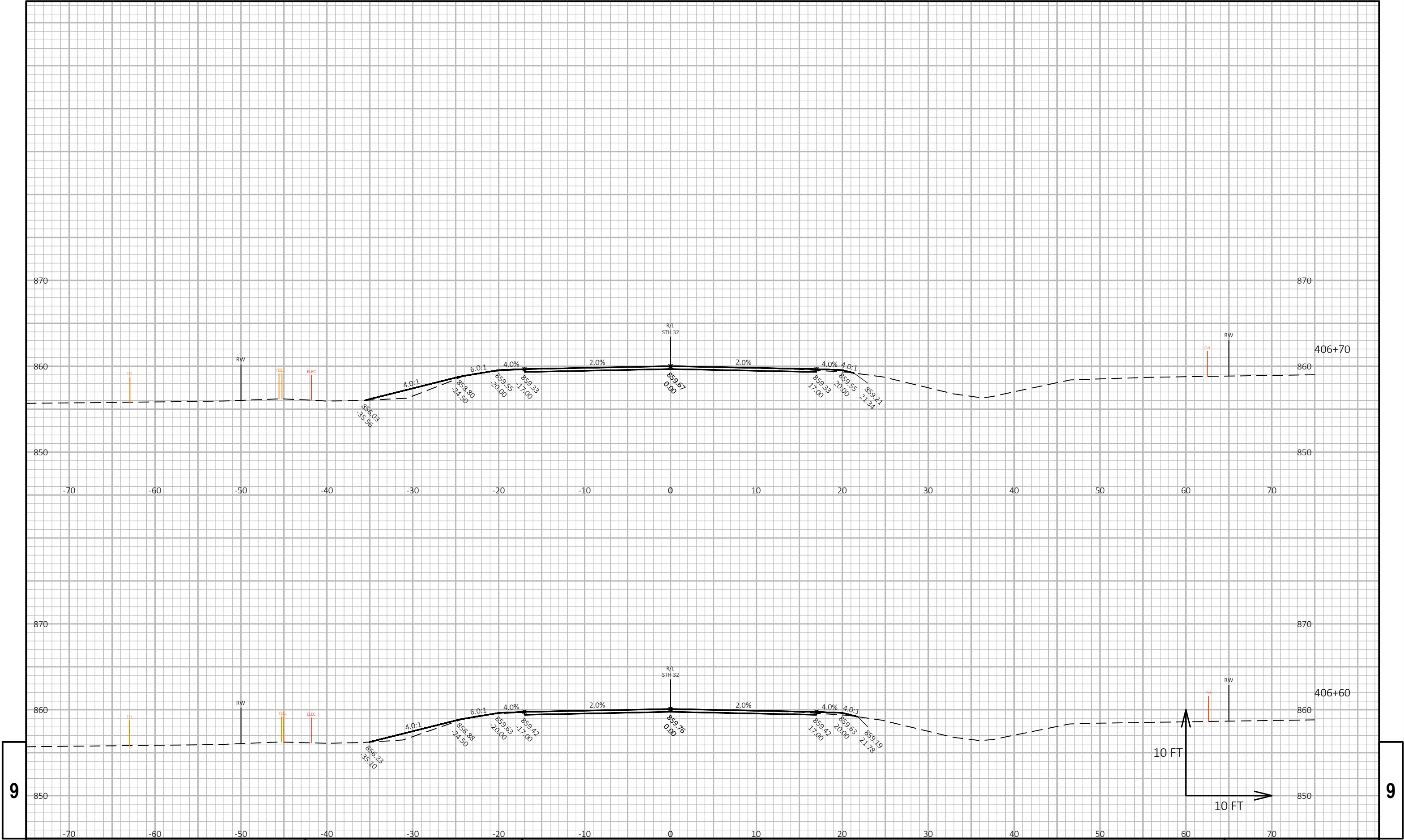


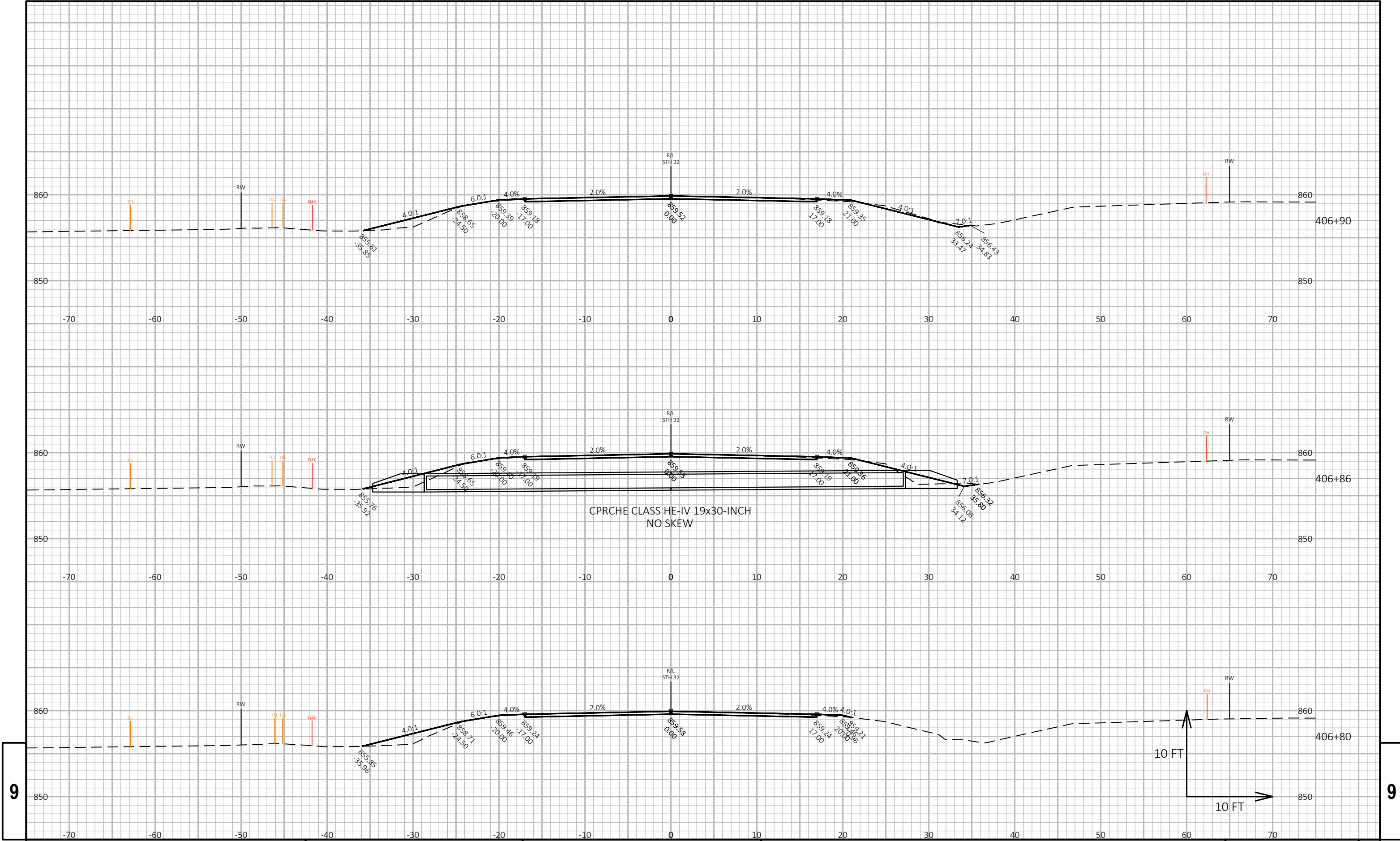


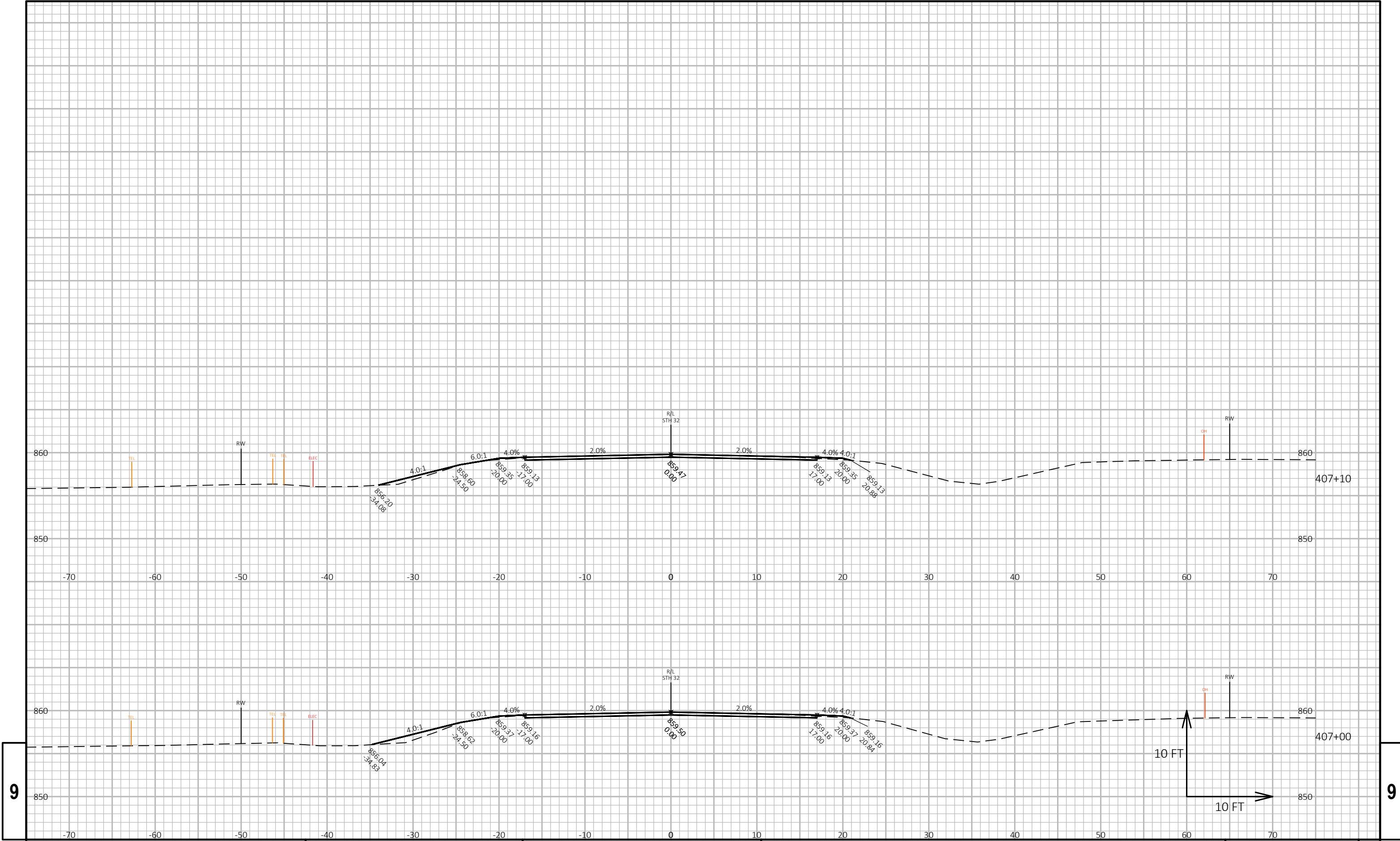


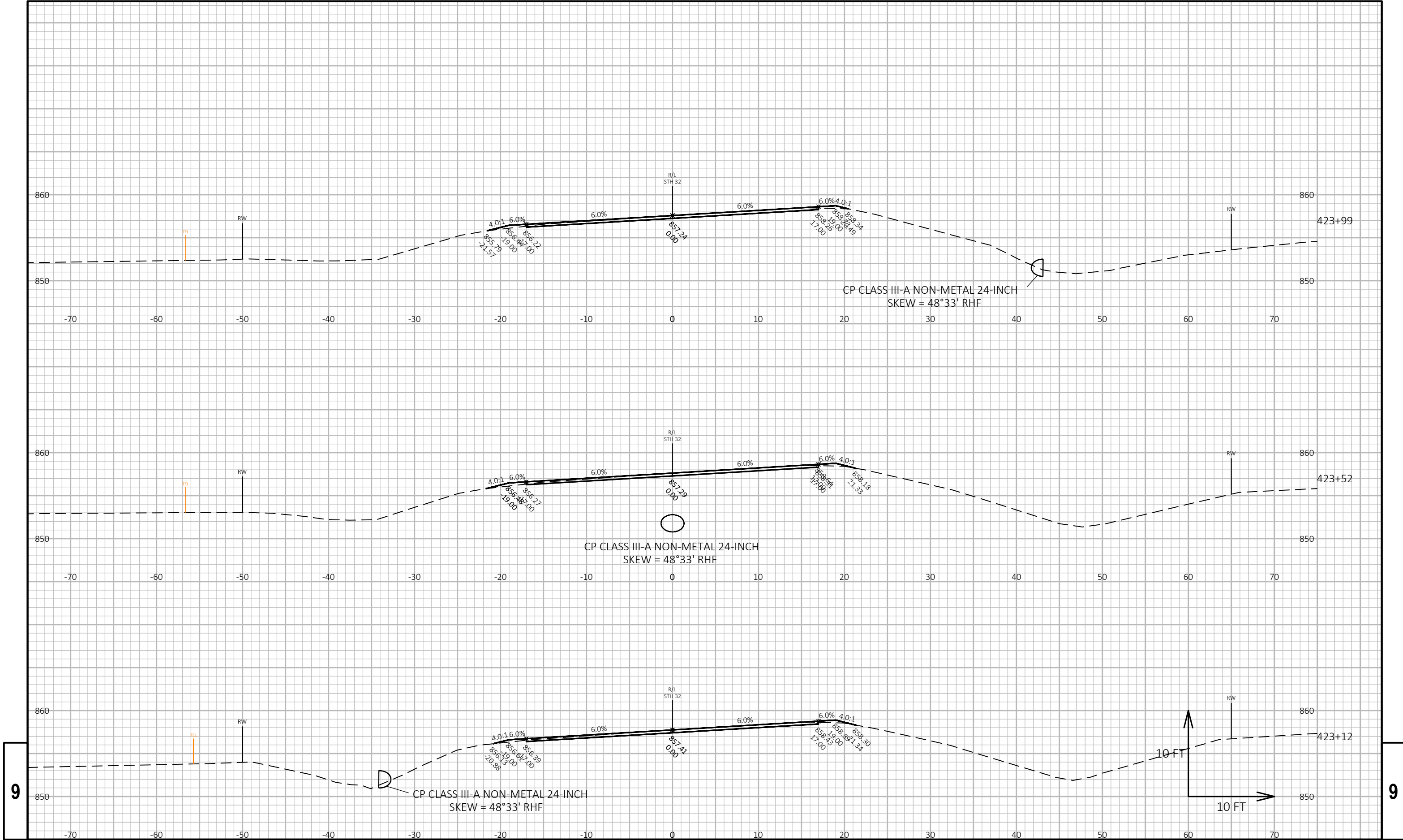


CONTROL POINTS				
NO.	X	Y	ELEV.	DESCRIPTION
901	466494.439	247482.420	896.750	DISK IN CONCRETE MONUMENT



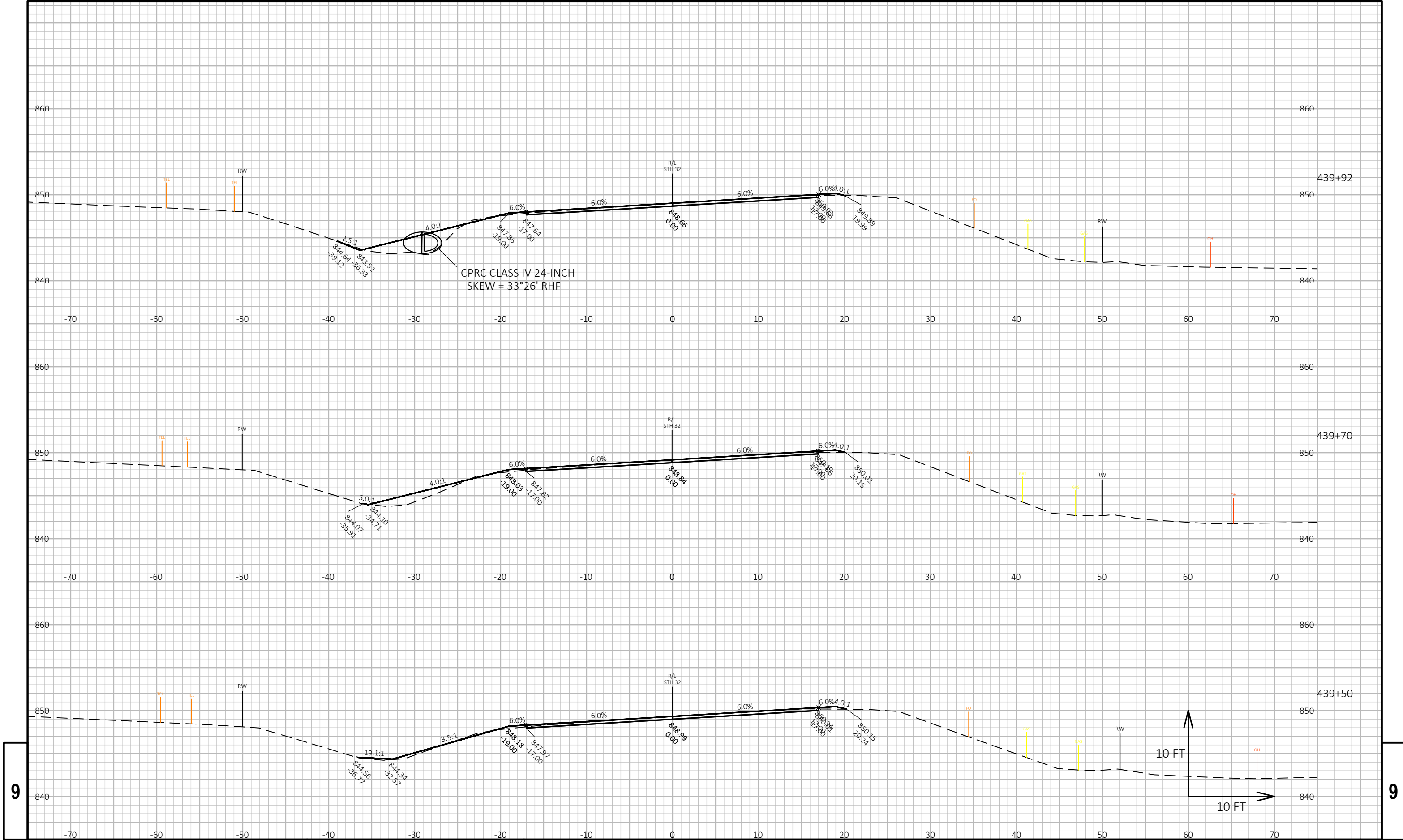


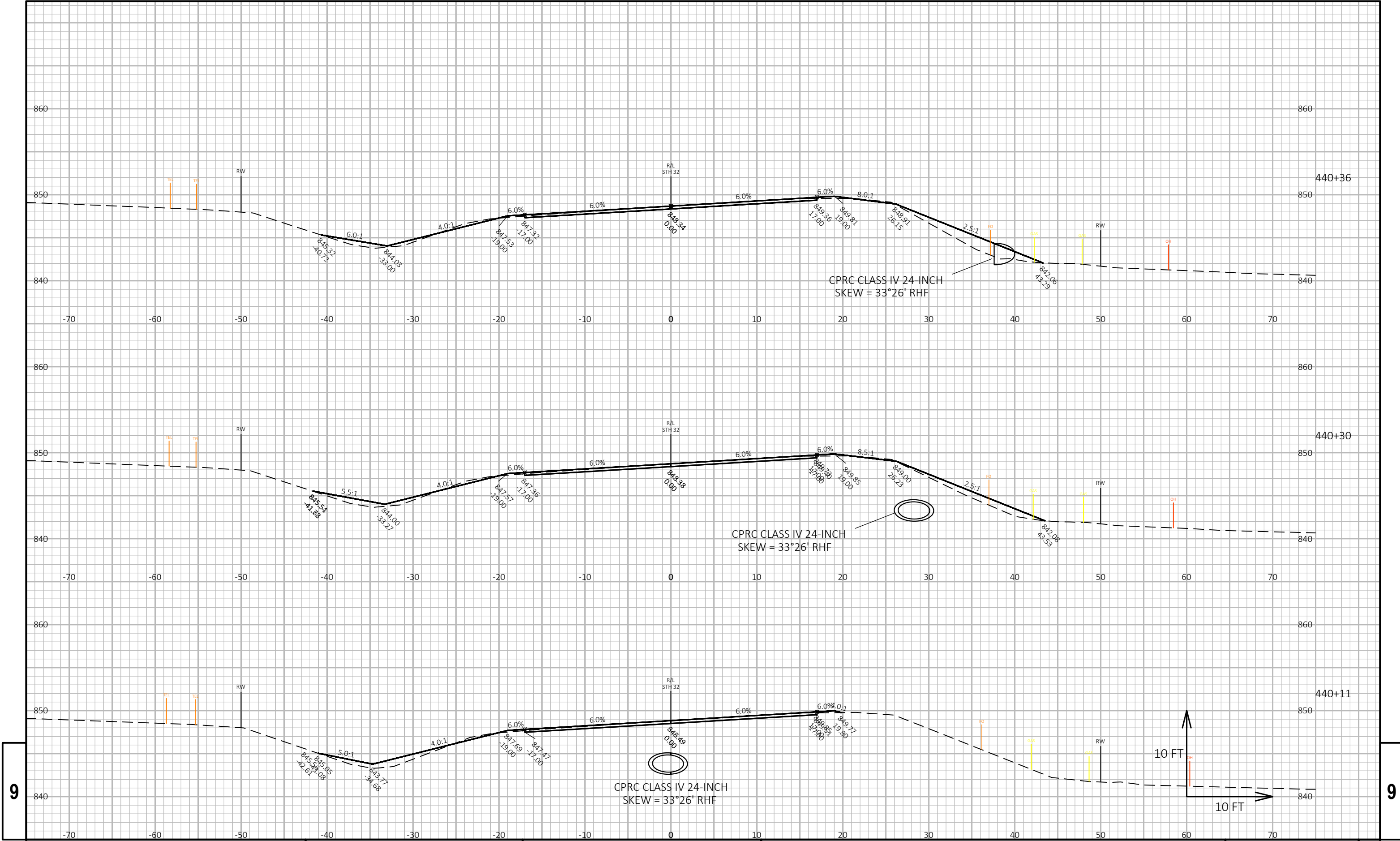




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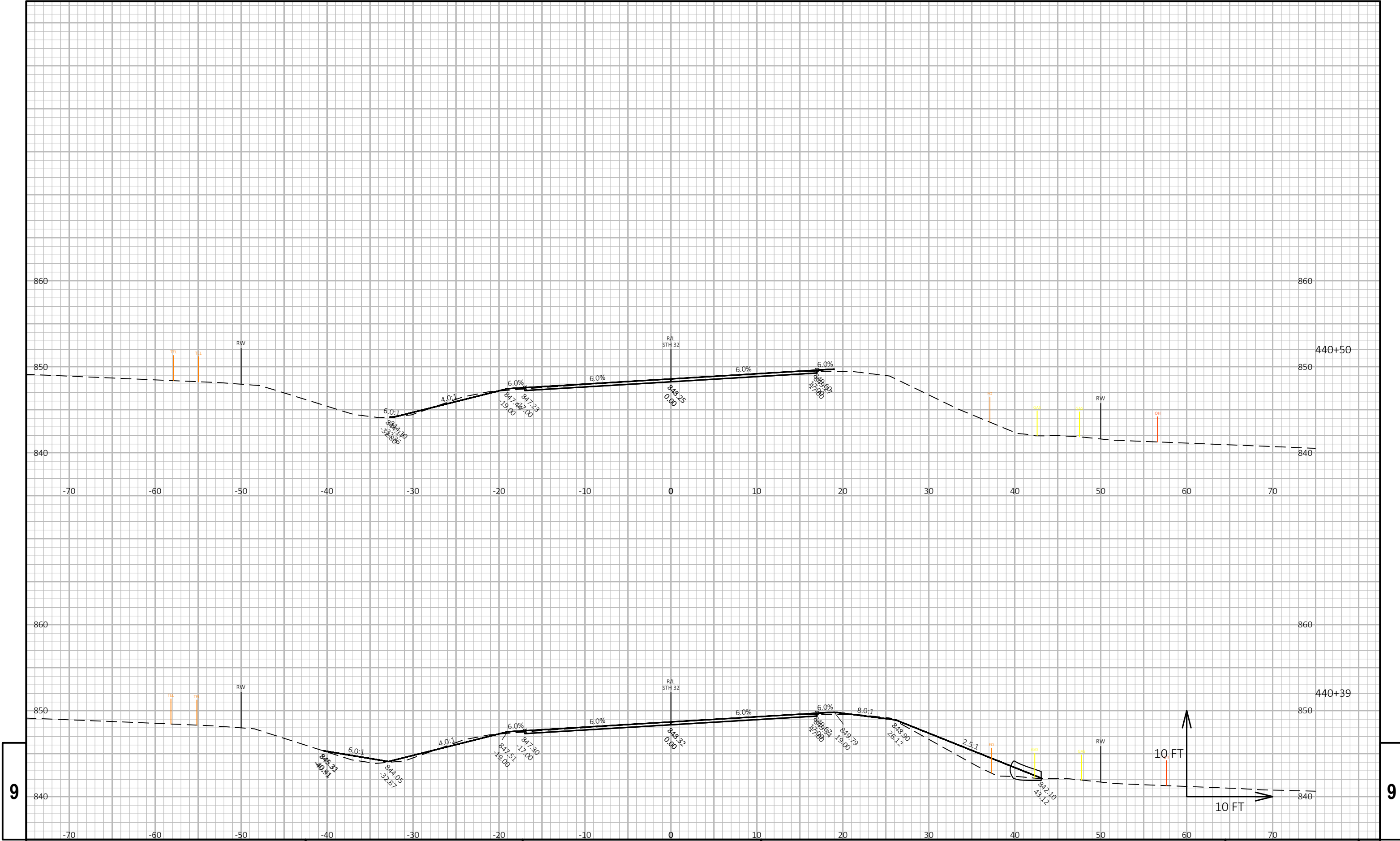




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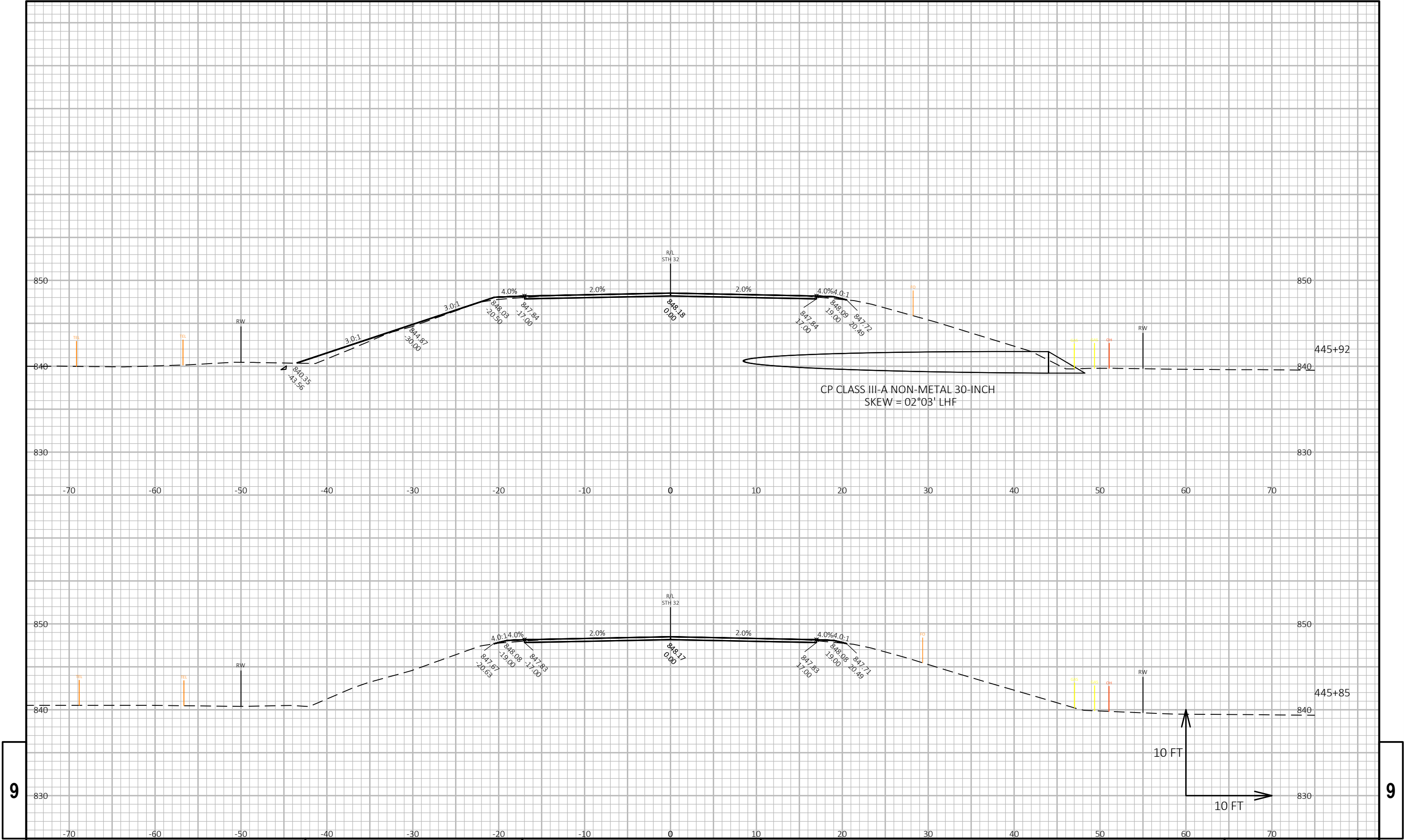
PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	CROSS SECTIONS: STH 32	SHEET	E
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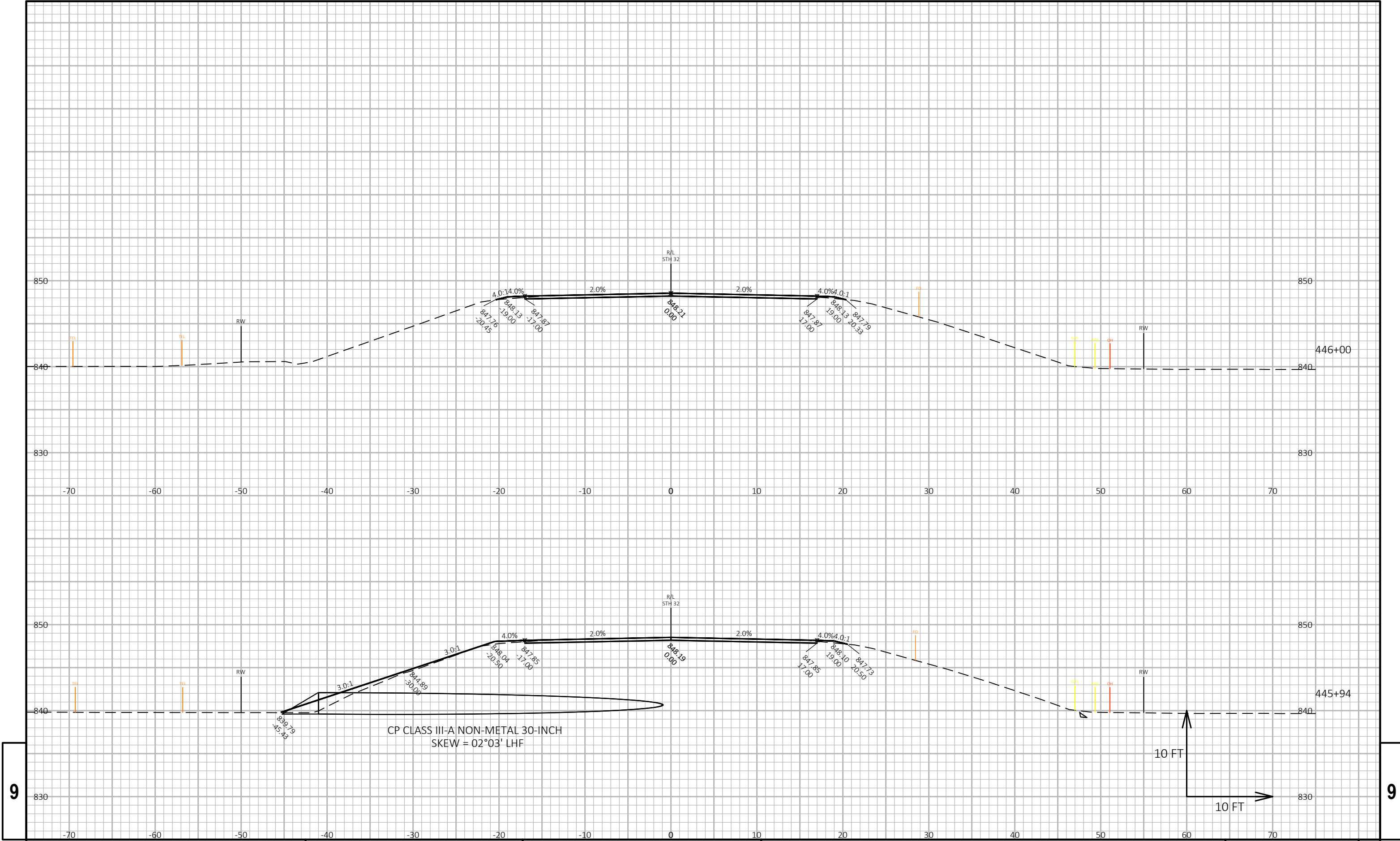
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PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	CROSS SECTIONS: STH 32	SHEET	E
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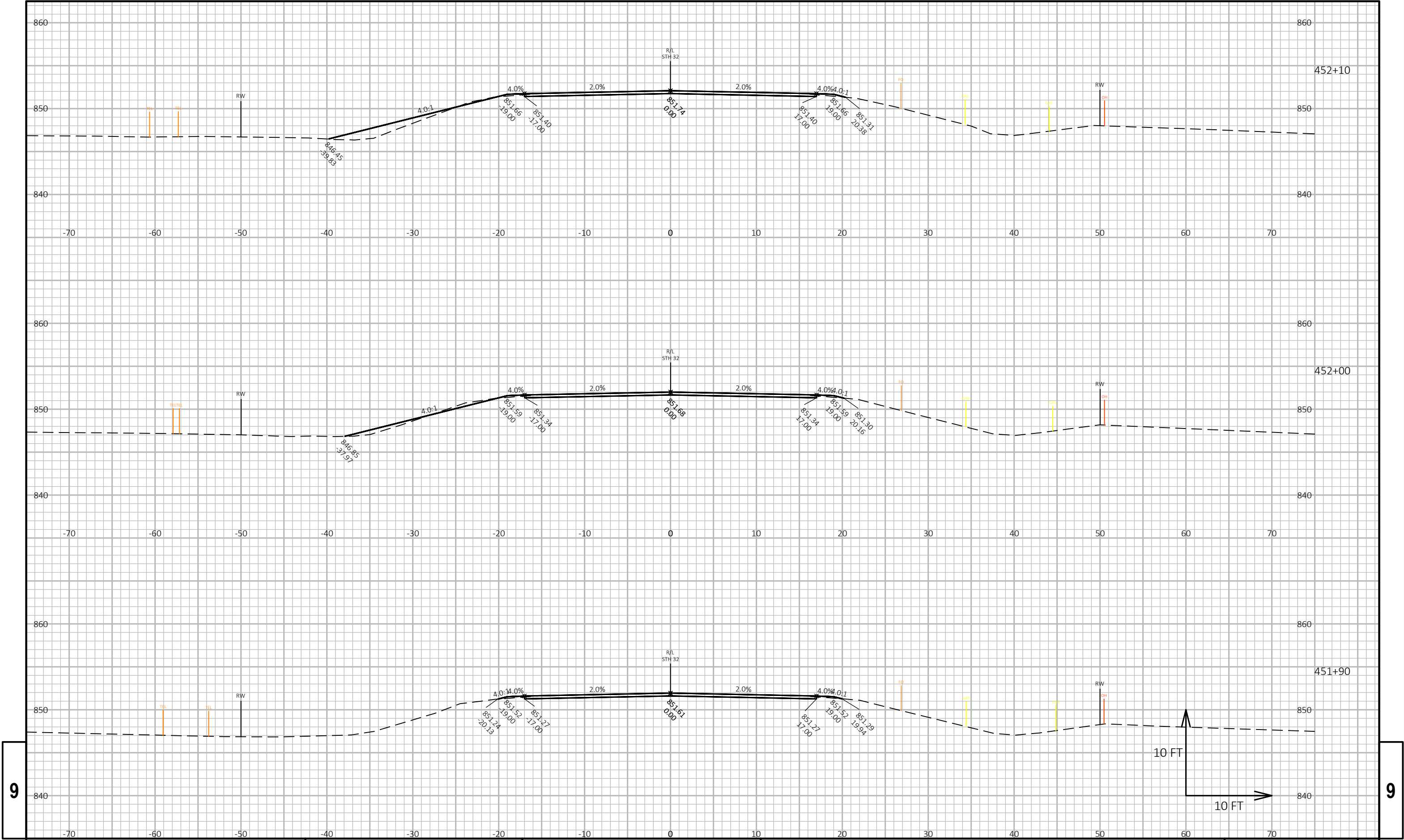
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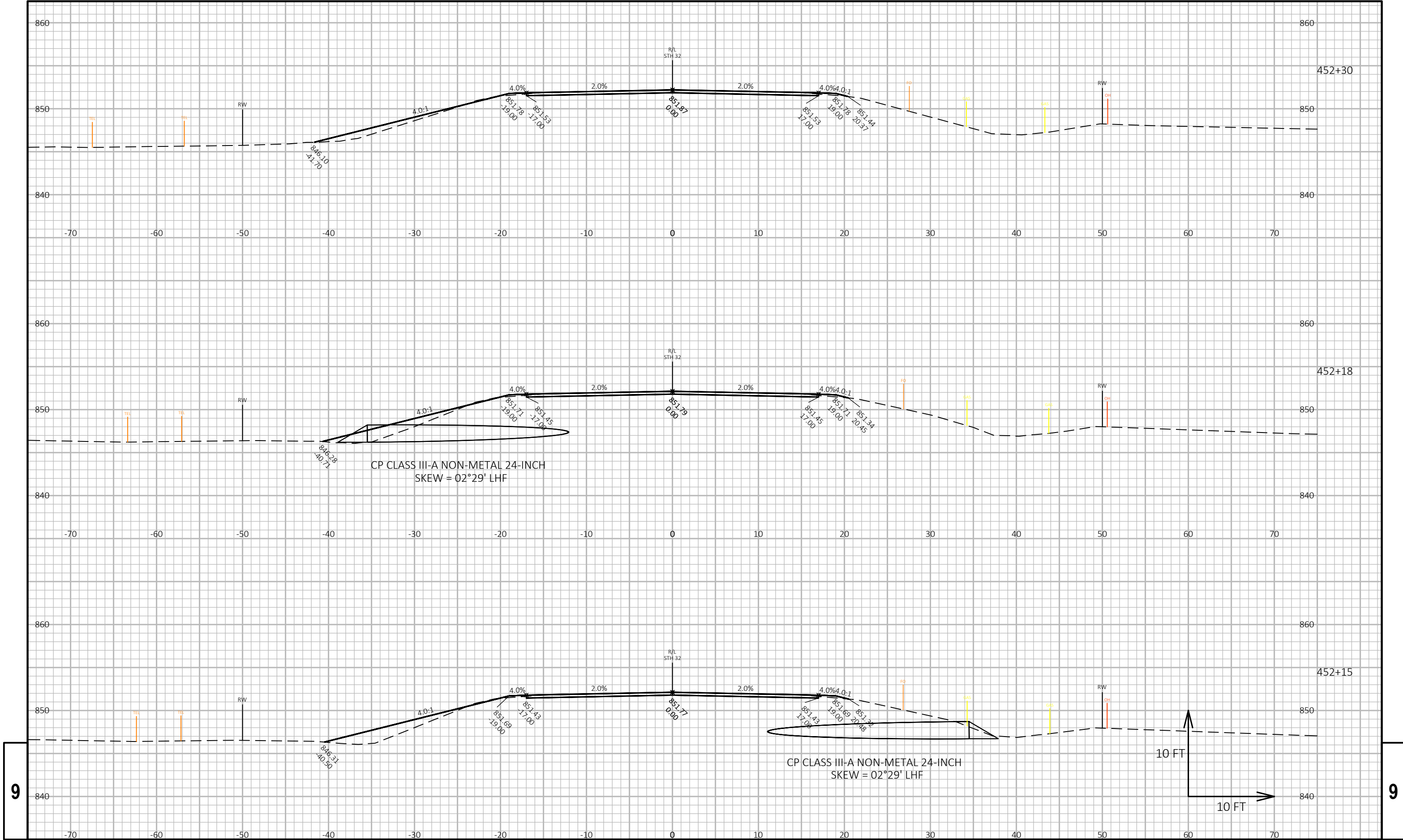
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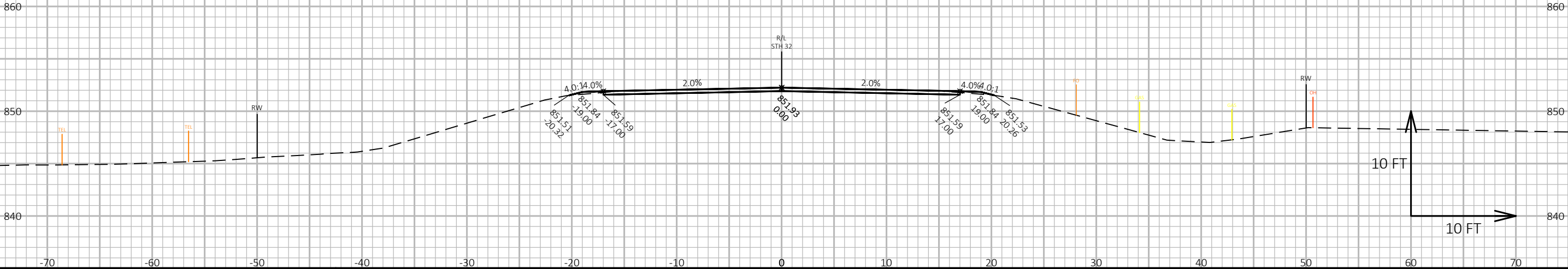


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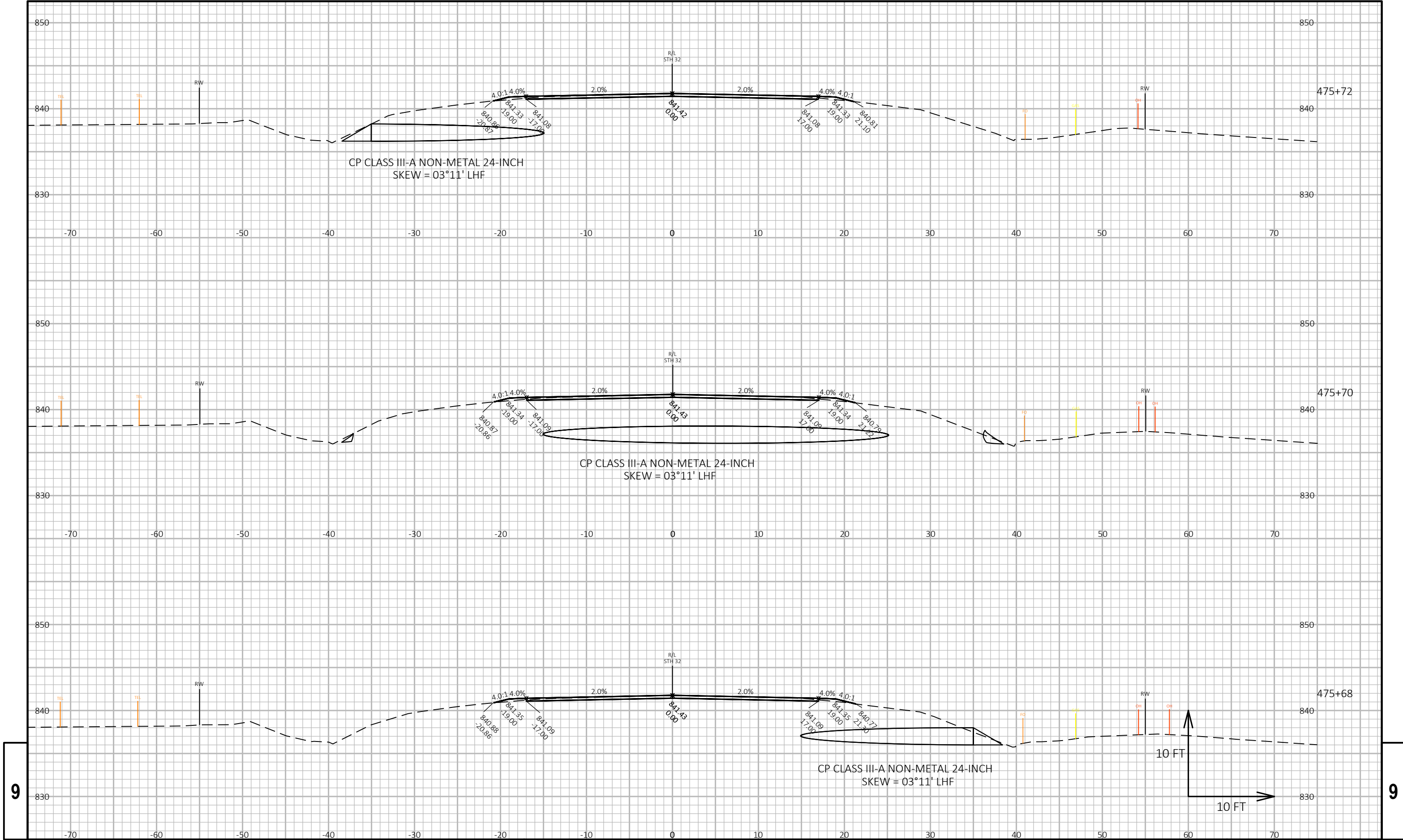


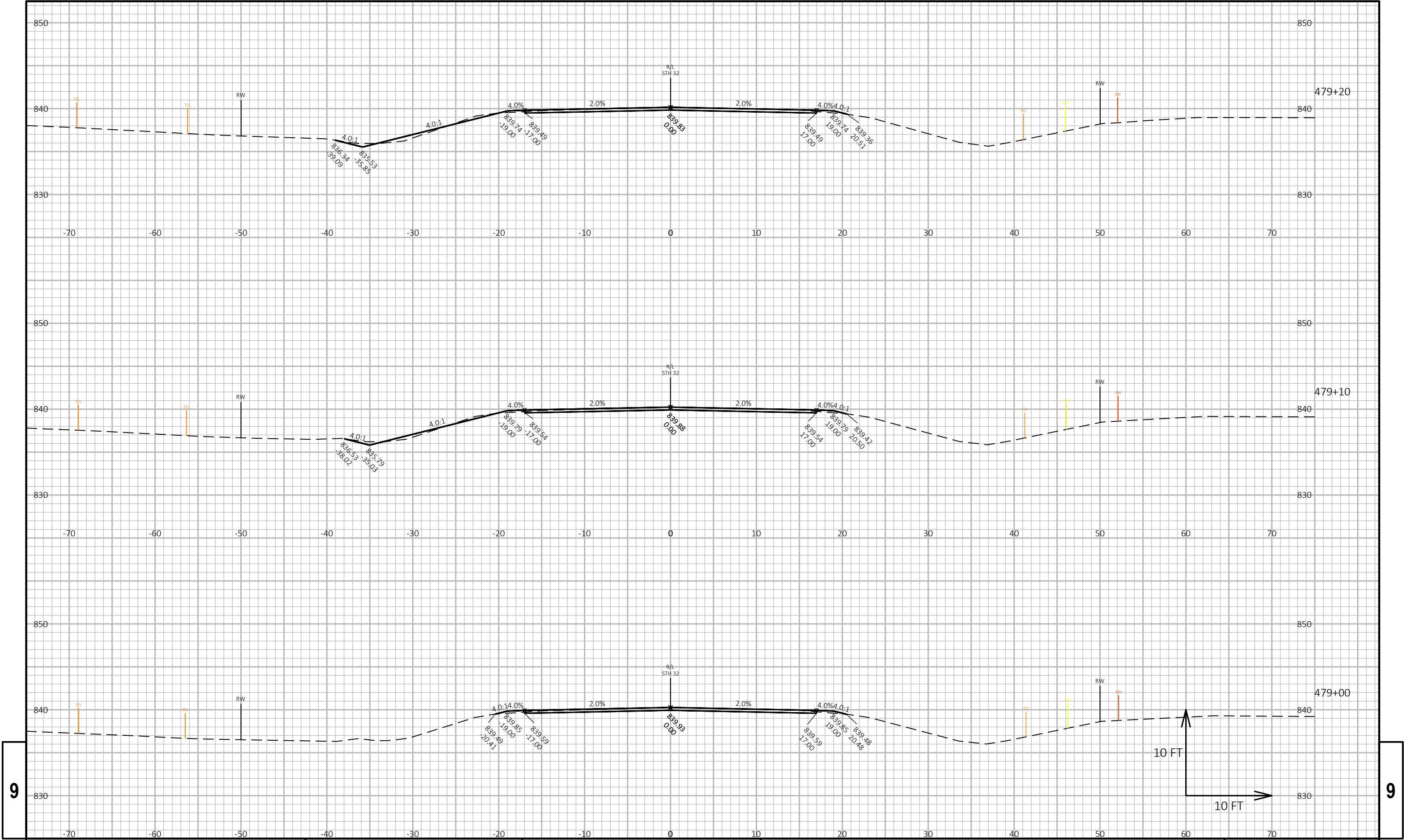
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PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	CROSS SECTIONS: STH 32	SHEET E
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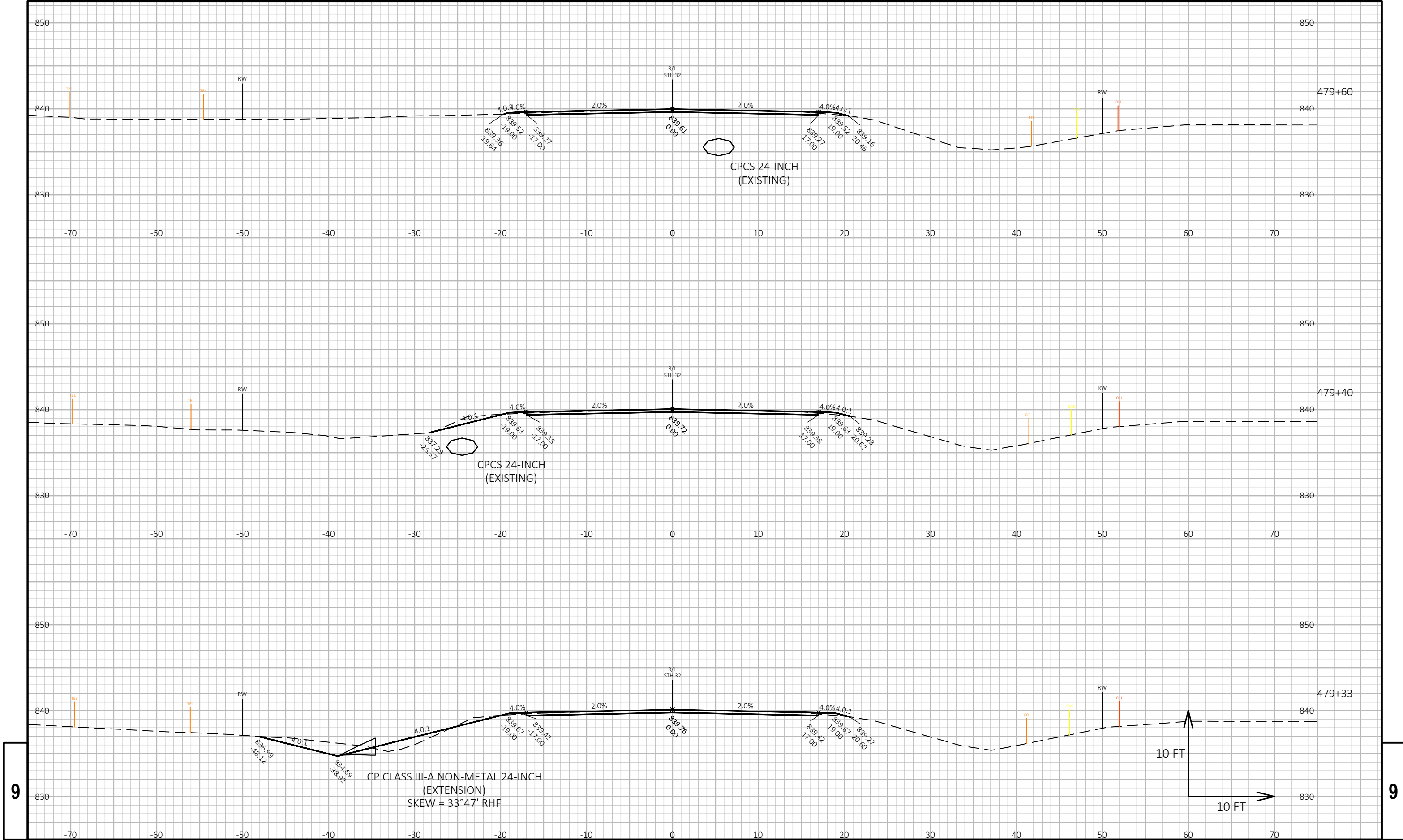




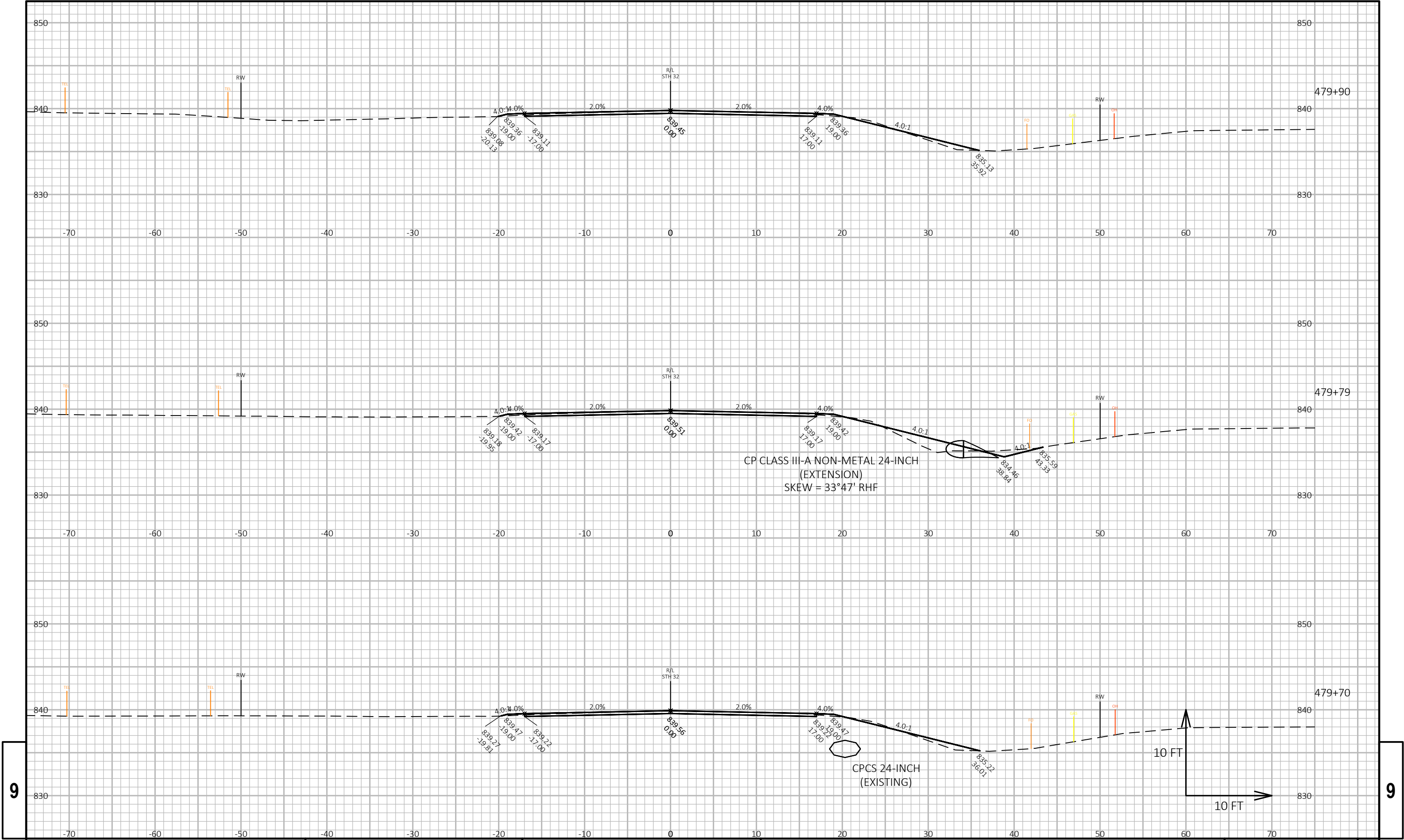
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PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	CROSS SECTIONS: STH 32	SHEET	E
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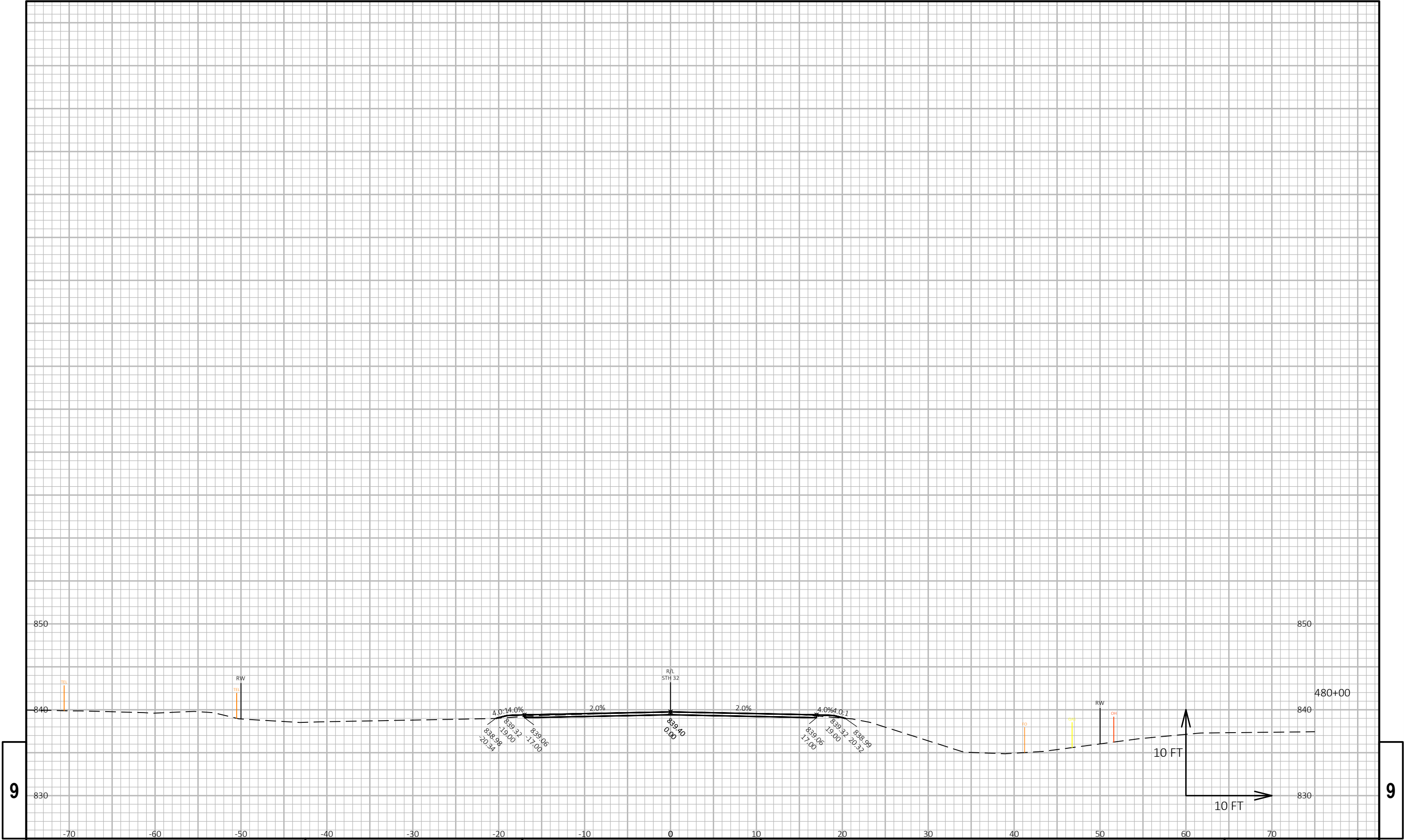


PROJECT NO: 9170-12-71		HWY: STH 32		COUNTY: OCONTO		CROSS SECTIONS: STH 32		SHEET		E	
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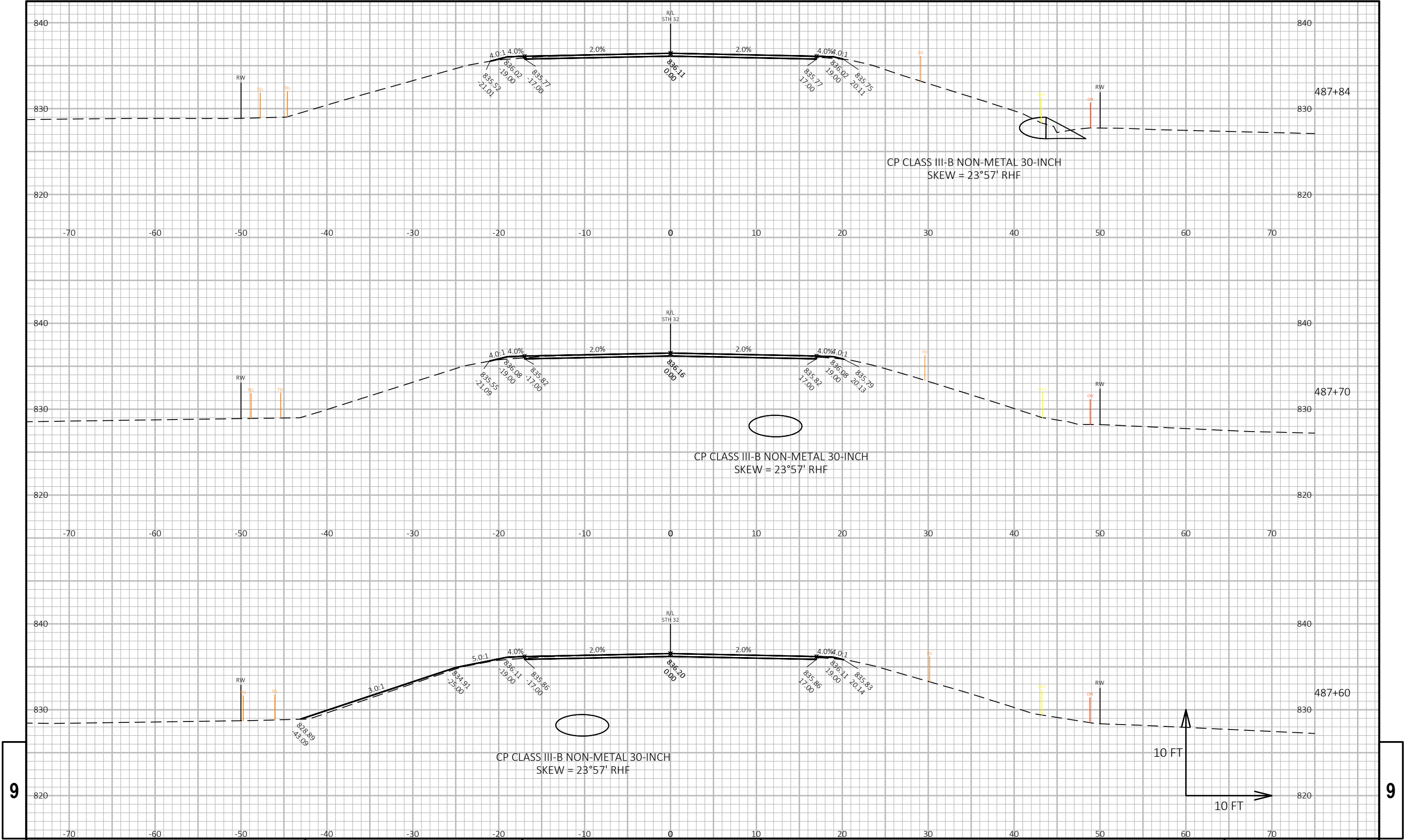


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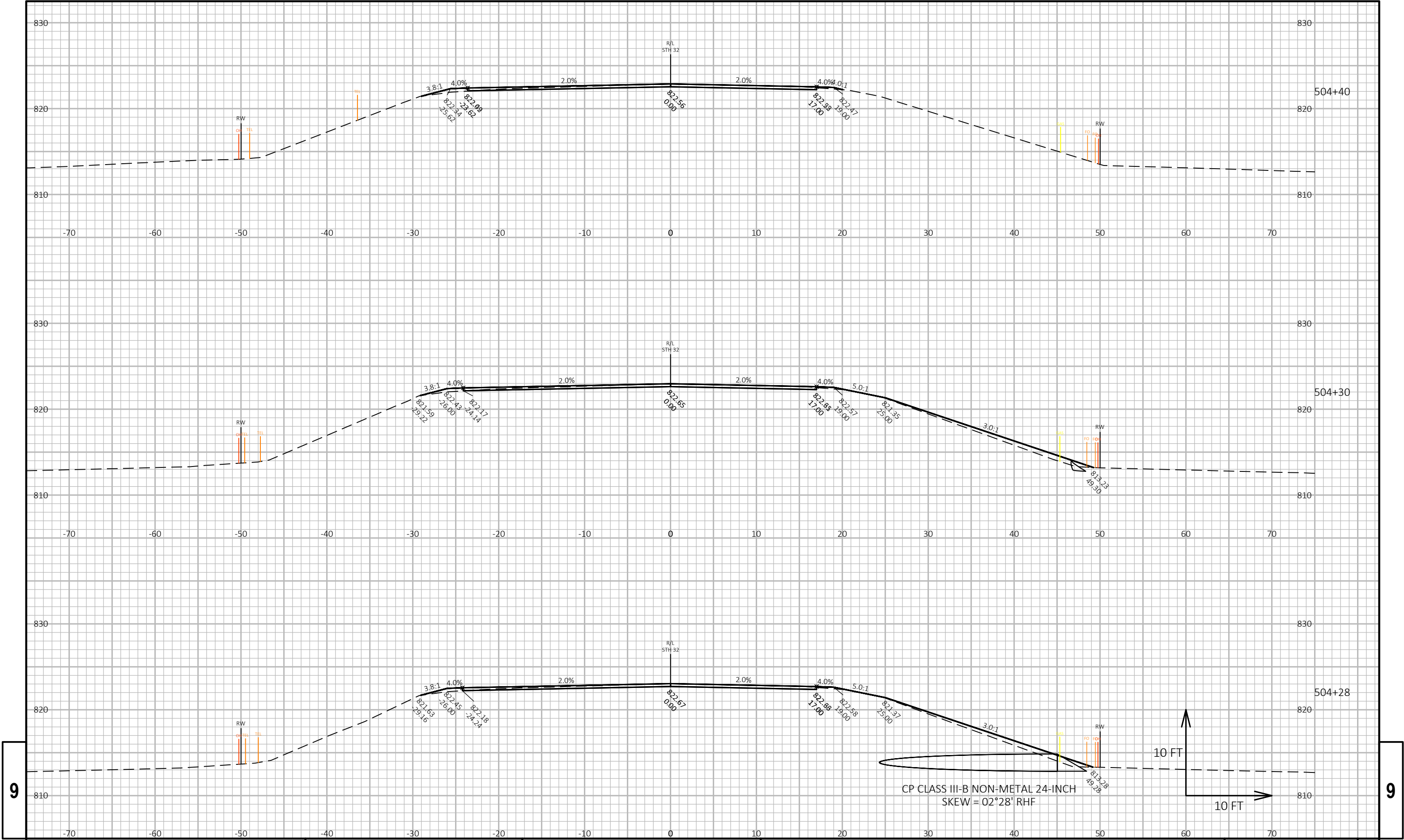


PROJECT NO:	9170-12-71	HWY:	STH 32	COUNTY:	OCONTO	CROSS SECTIONS:	STH 32	SHEET	E
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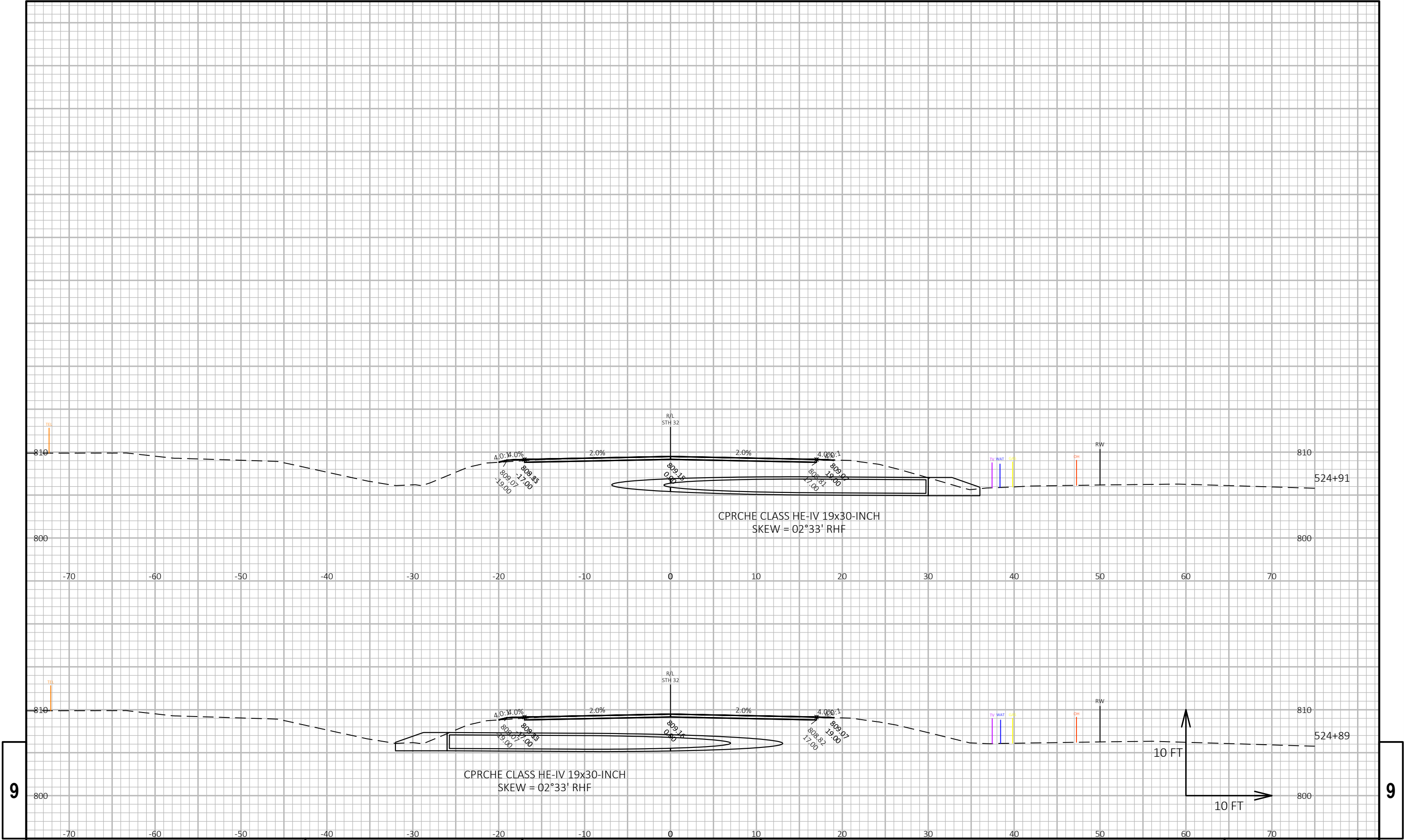
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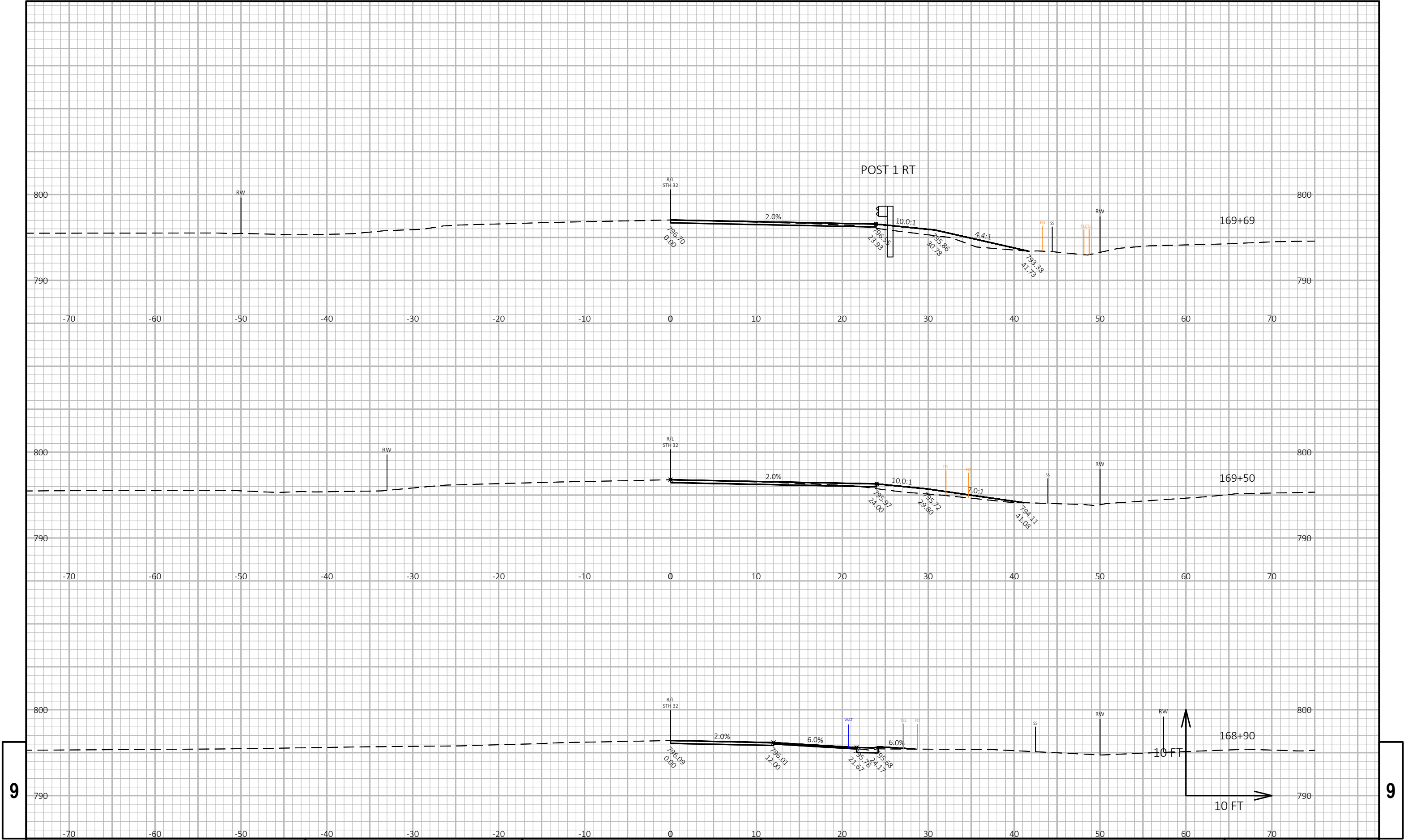


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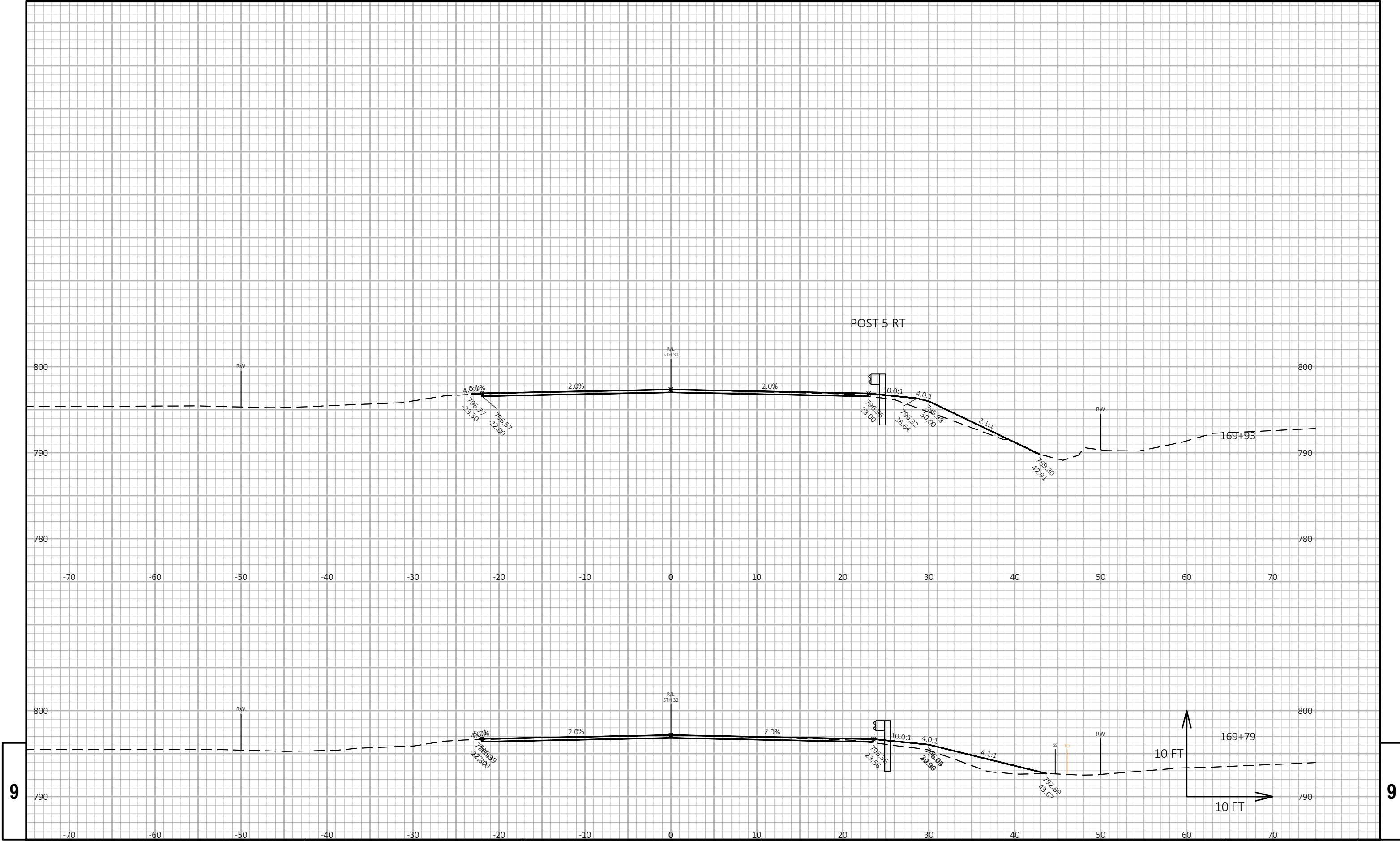
PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	CROSS SECTIONS: STH 32	SHEET	E
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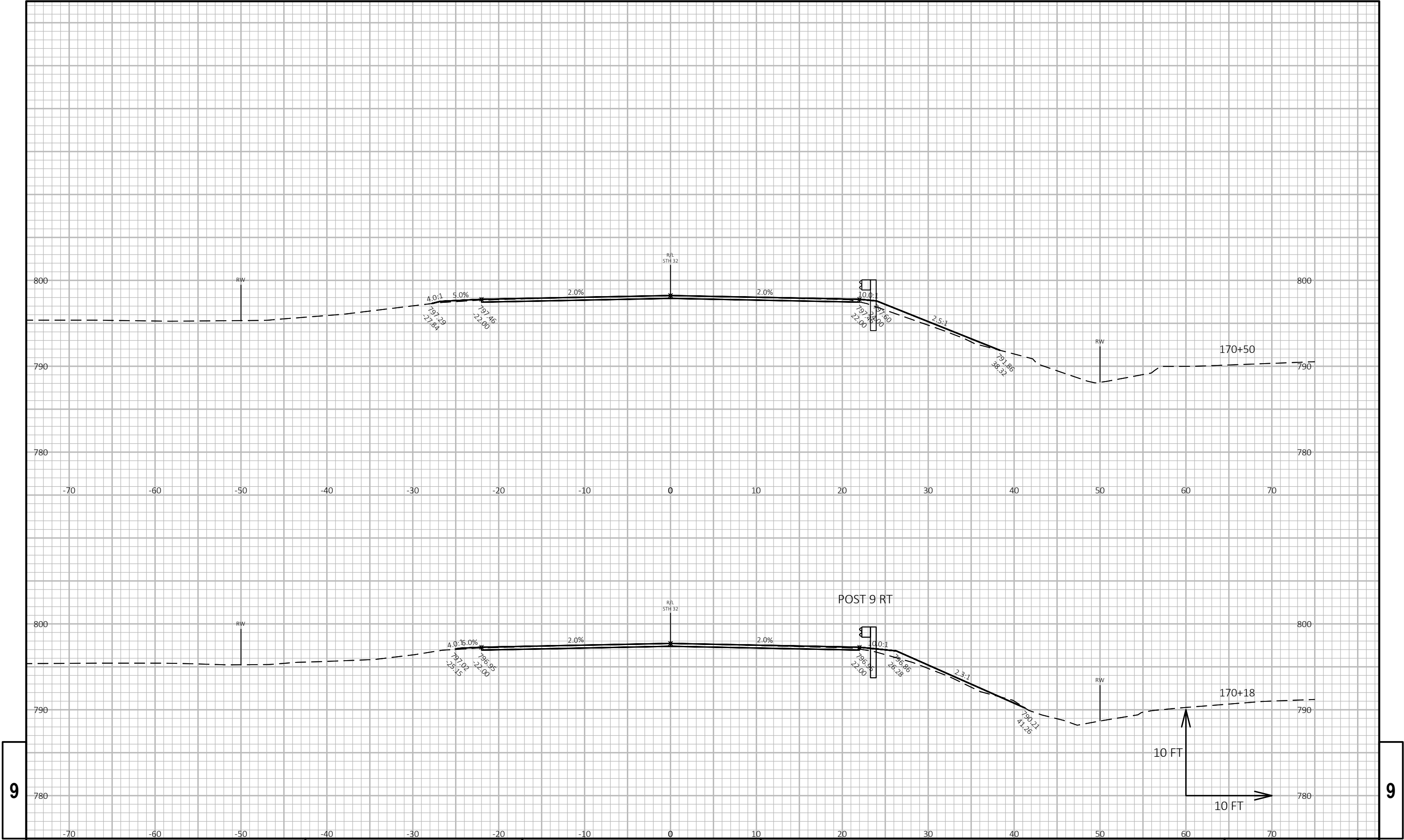
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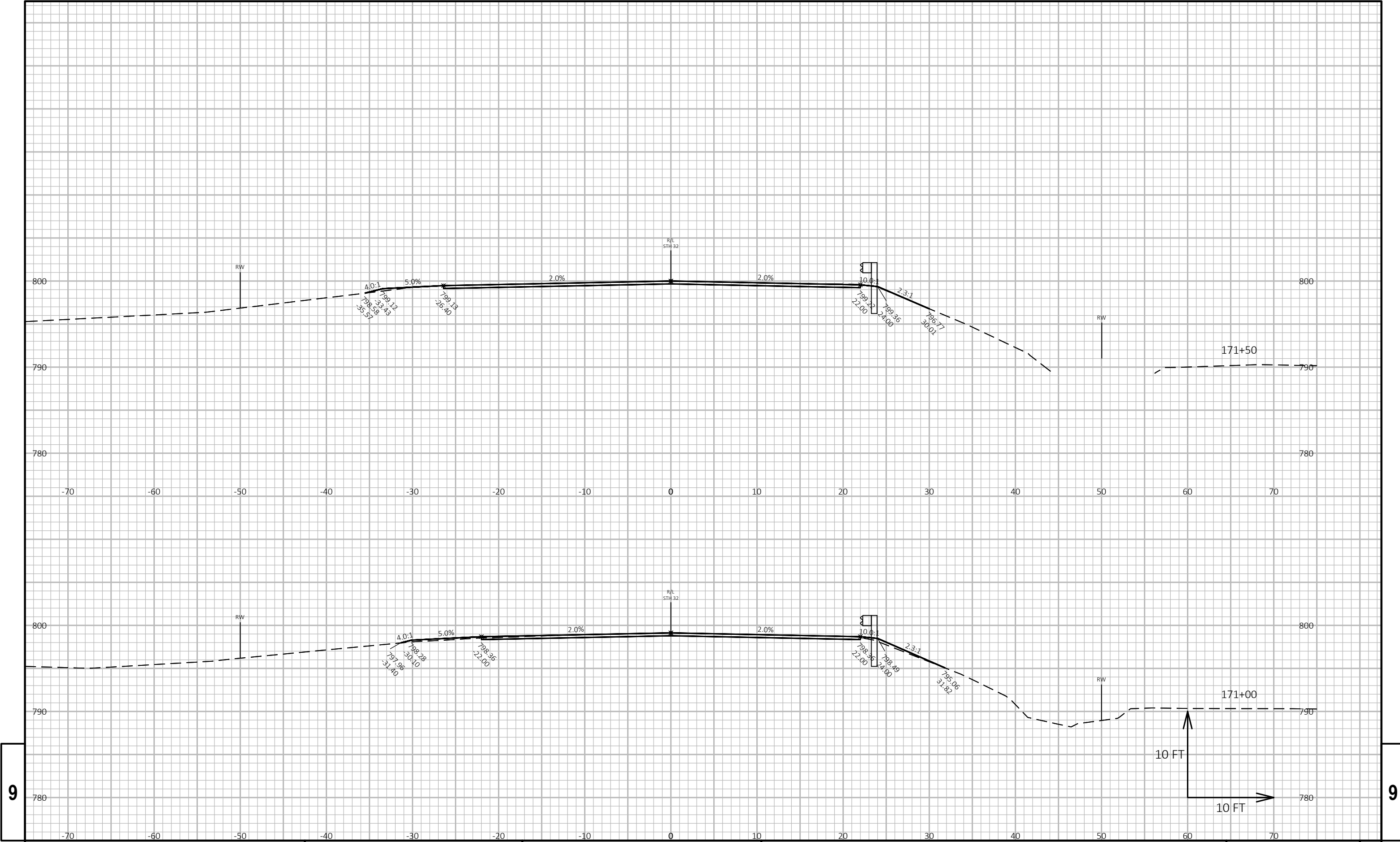
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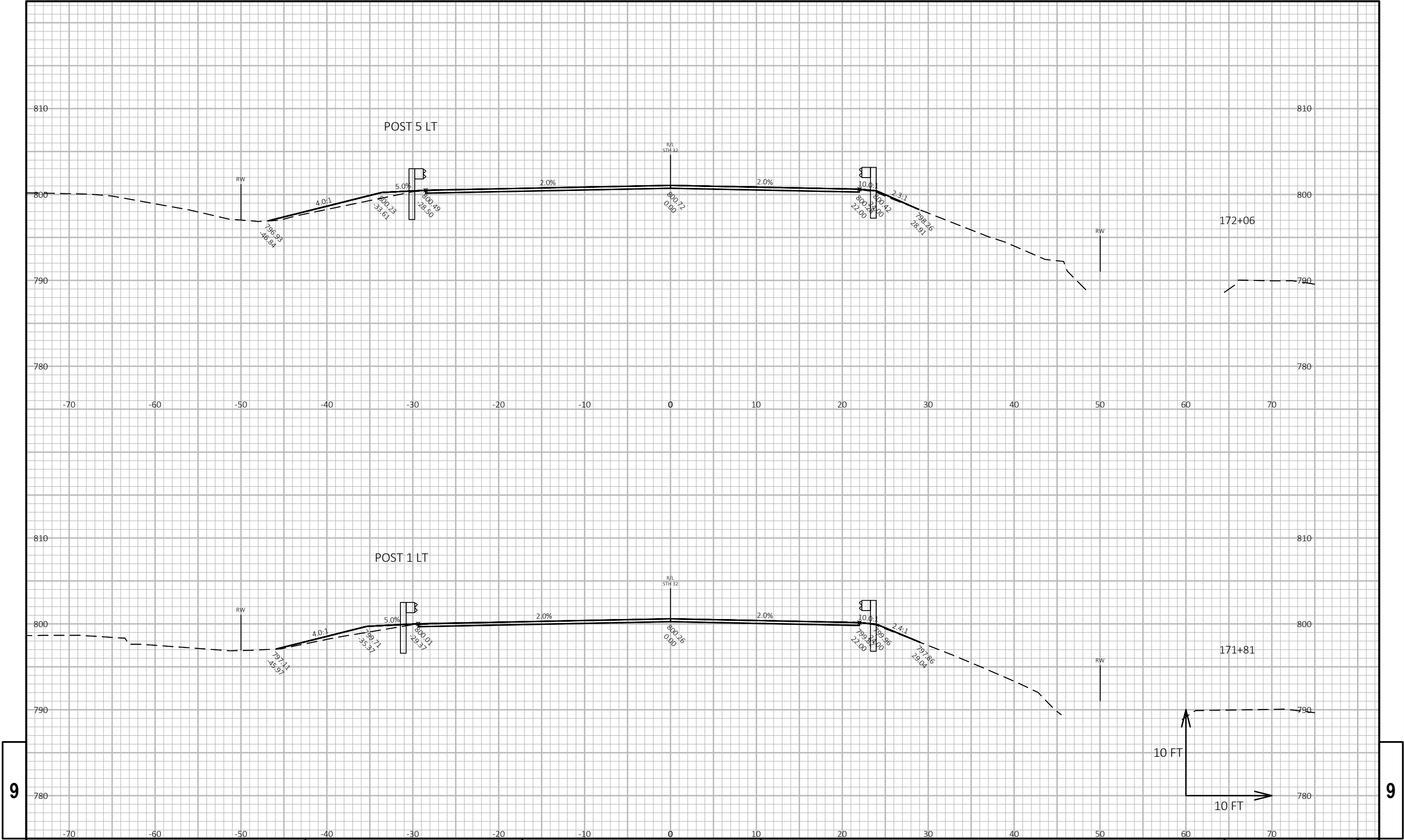


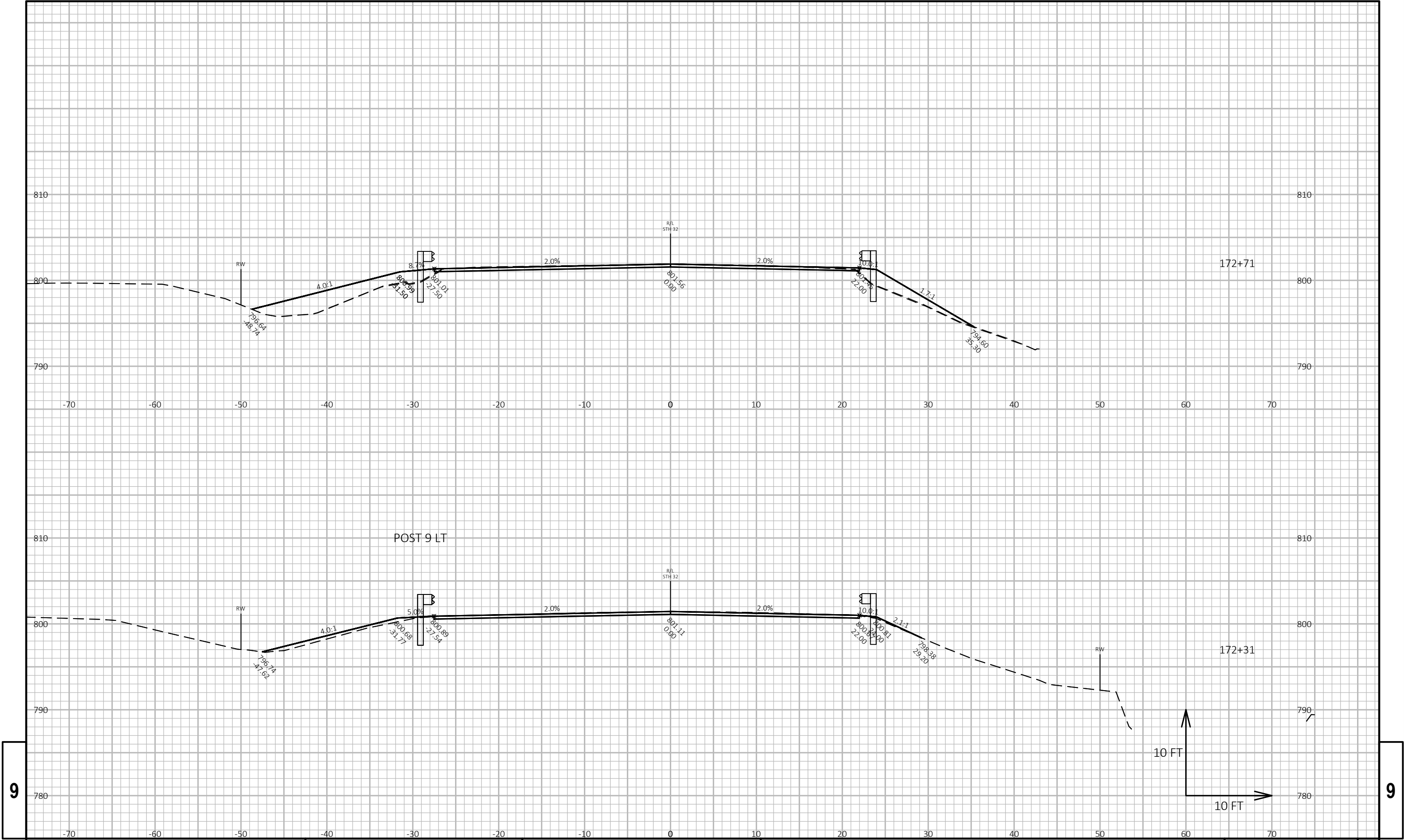


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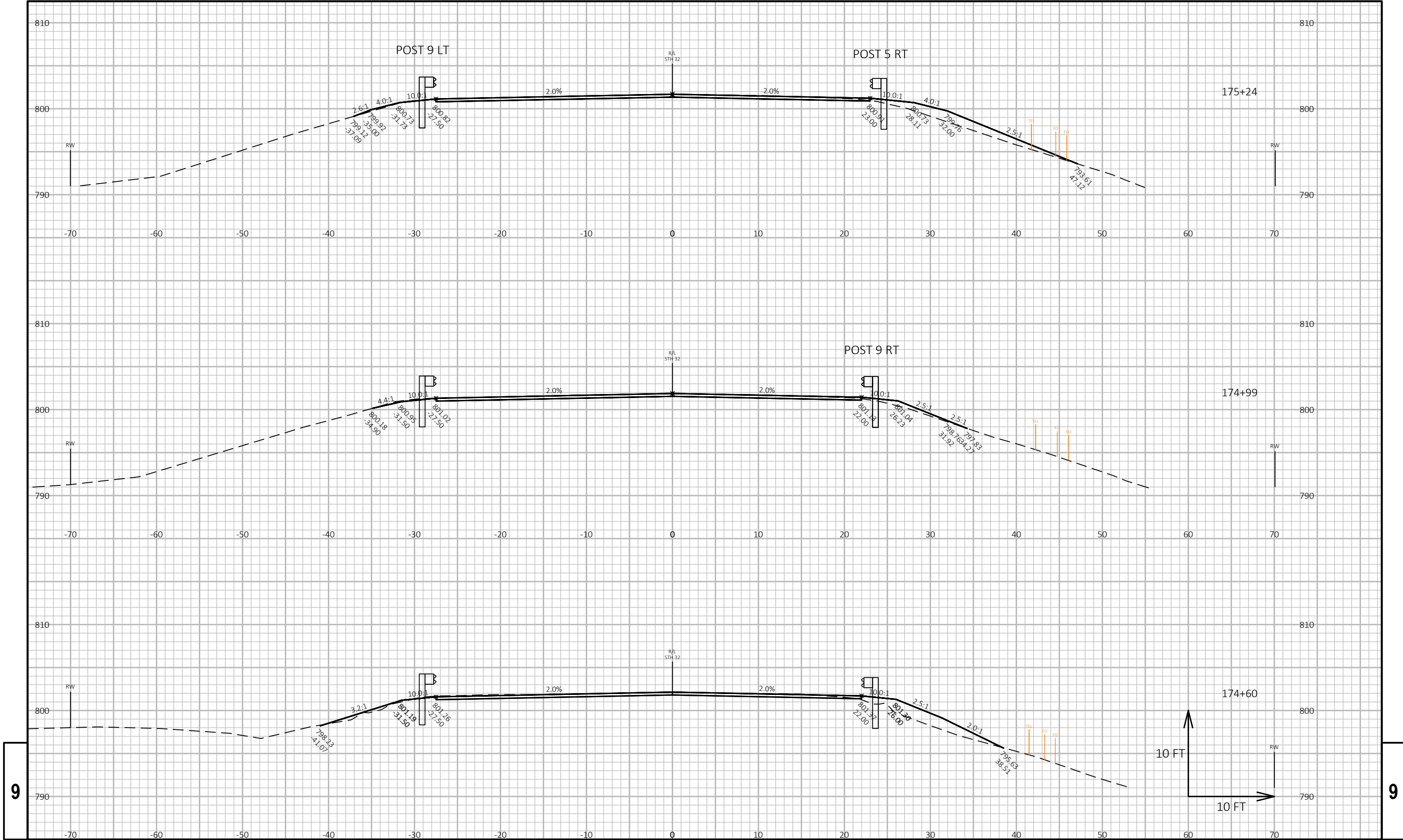
PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	CROSS SECTIONS: STH 32	SHEET E
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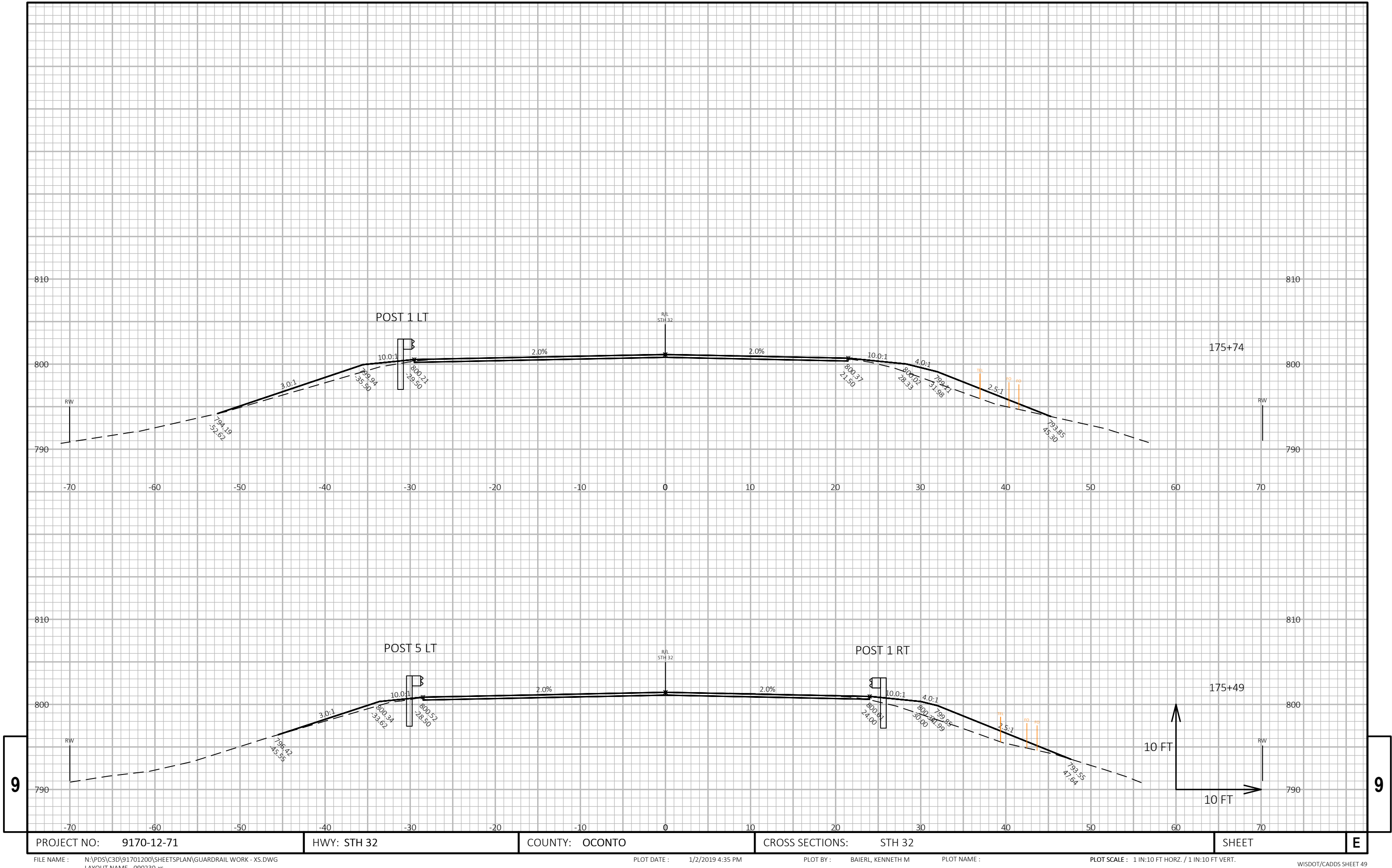


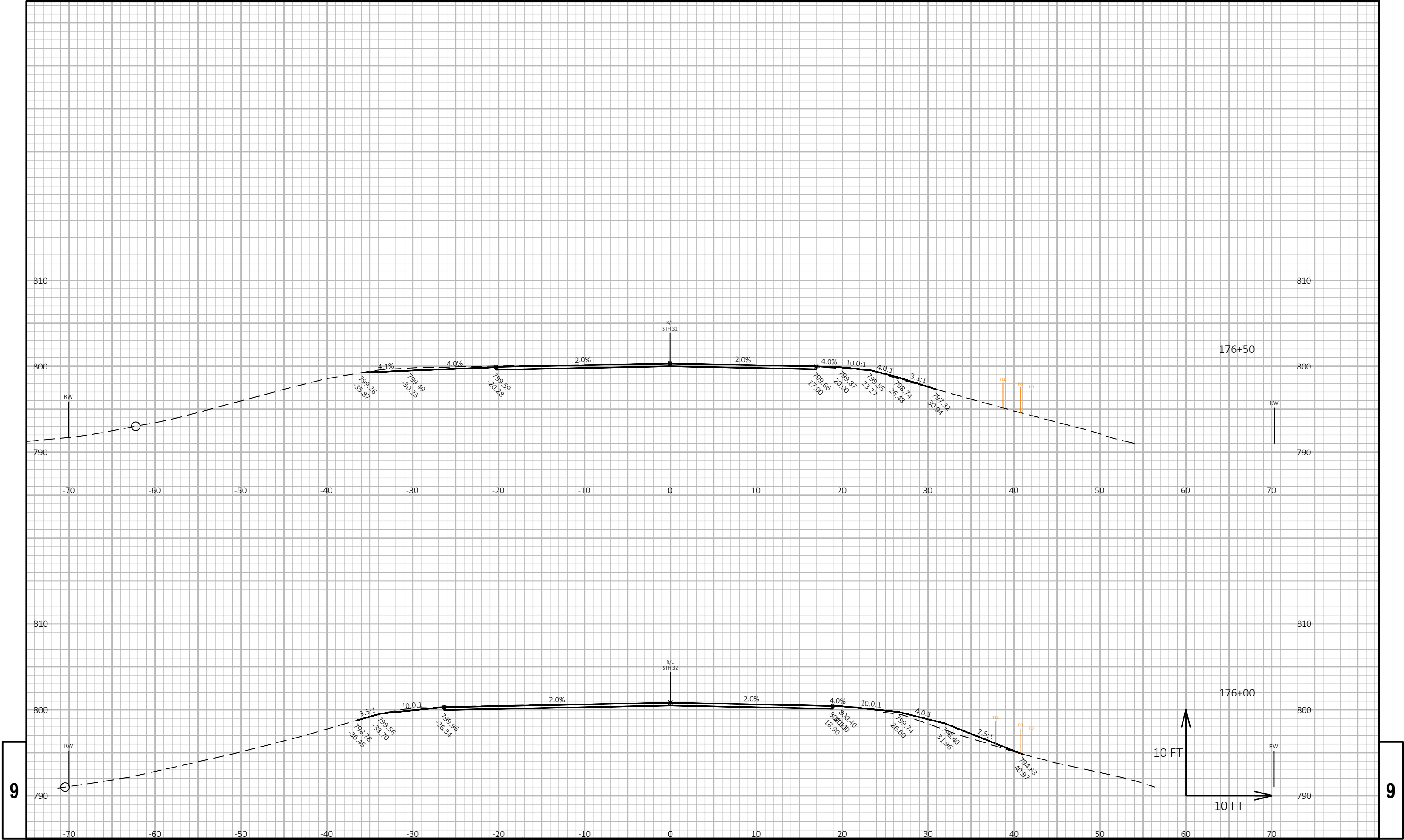


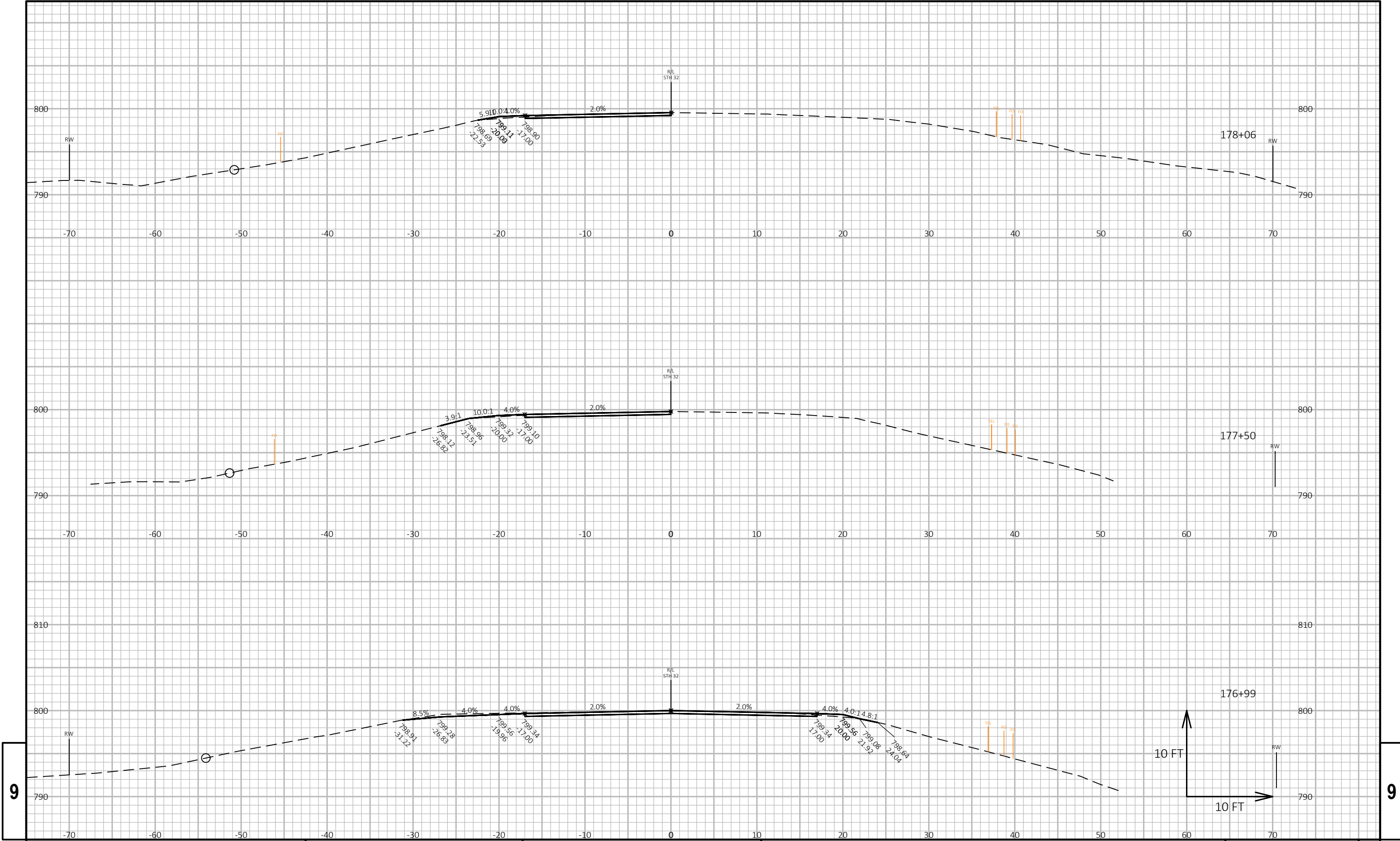
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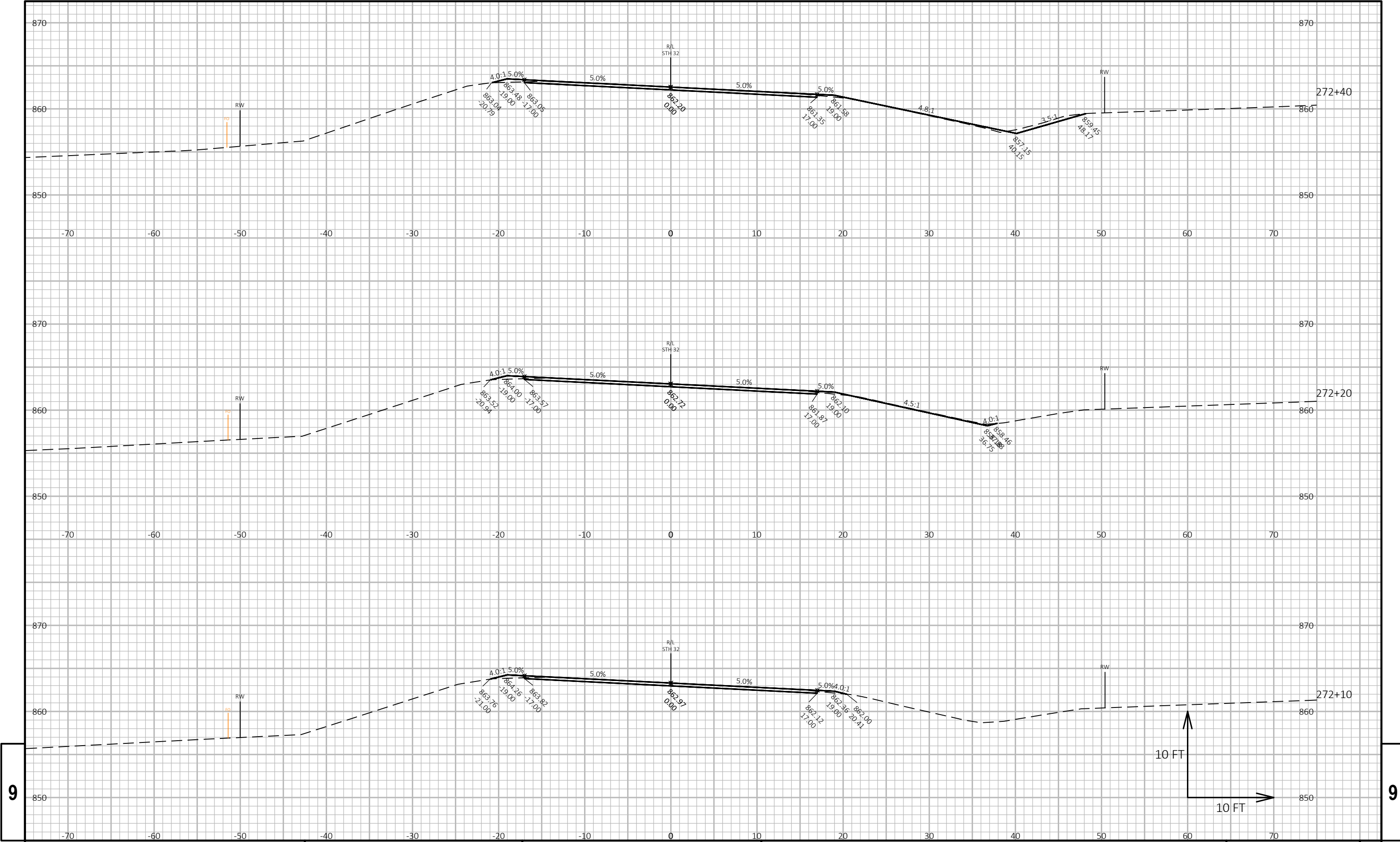


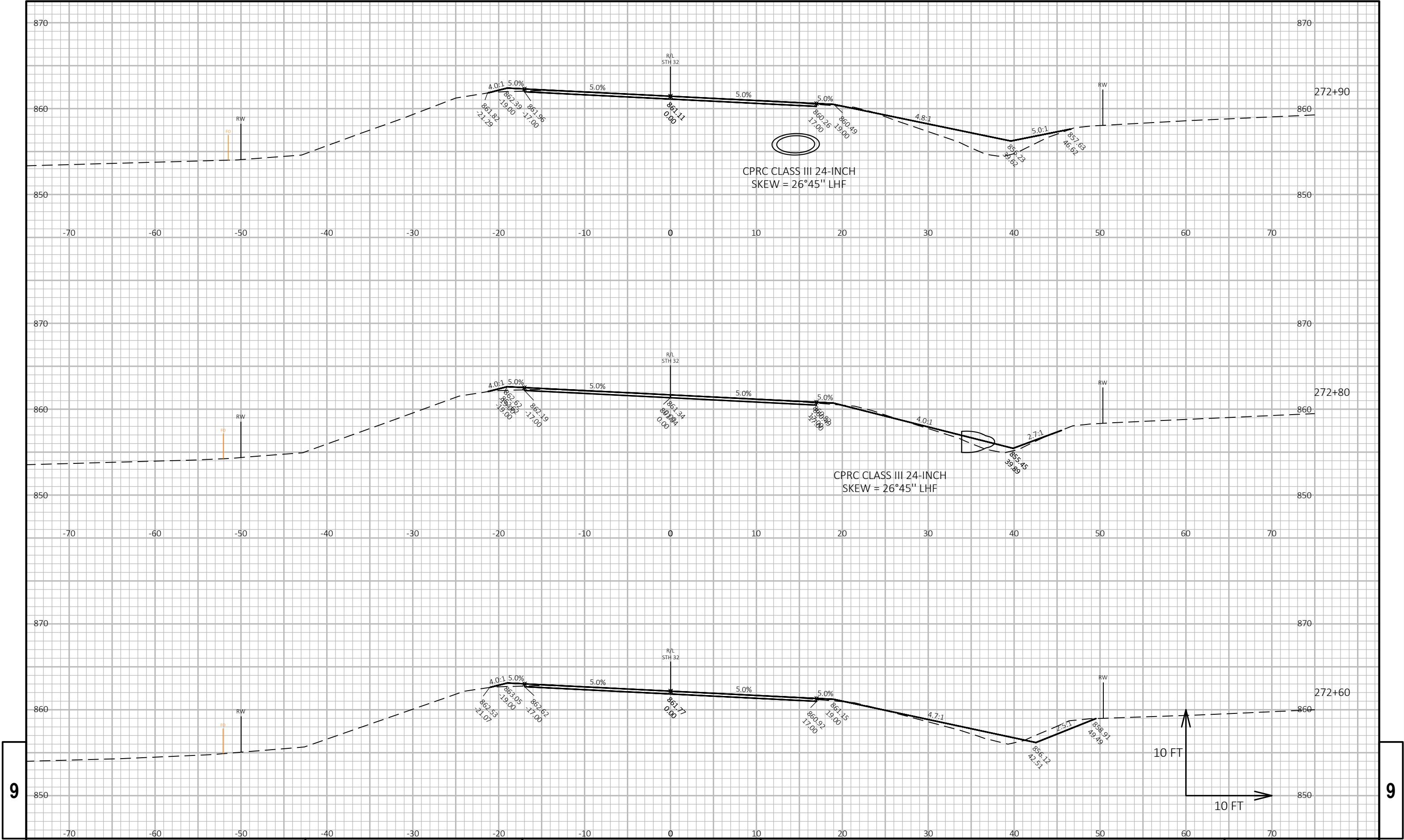




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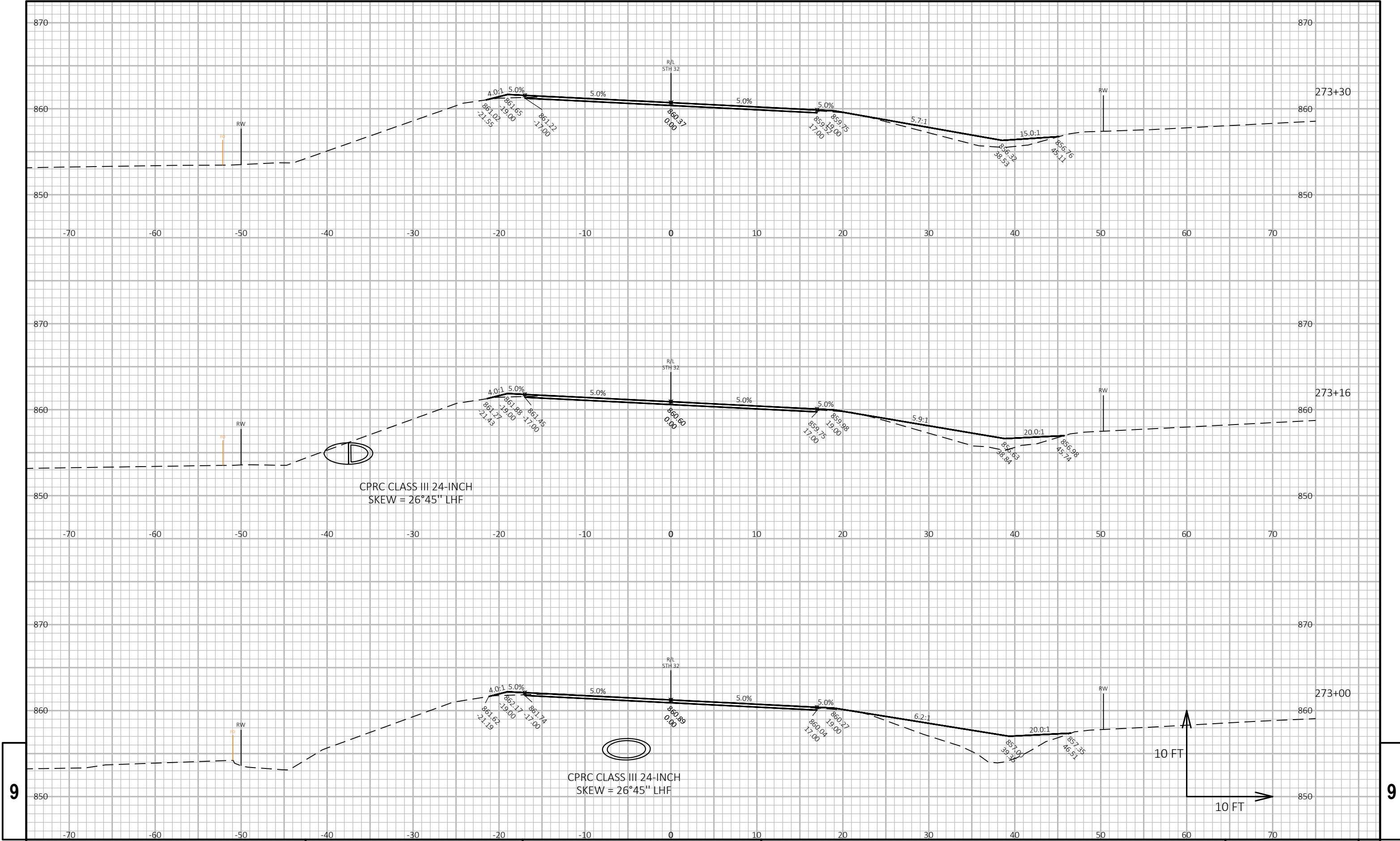
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PROJECT NO: 9170-12-71

HWY: STH 32

COUNTY: OCONTO

CROSS SECTIONS: STH 32

SHEET

E

FILE NAME : N:\PDS\C3D\91701200\SHEETS\PLAN\CULVERT PIPE WORK - XS.DWG
LAYOUT NAME - 090236-xs

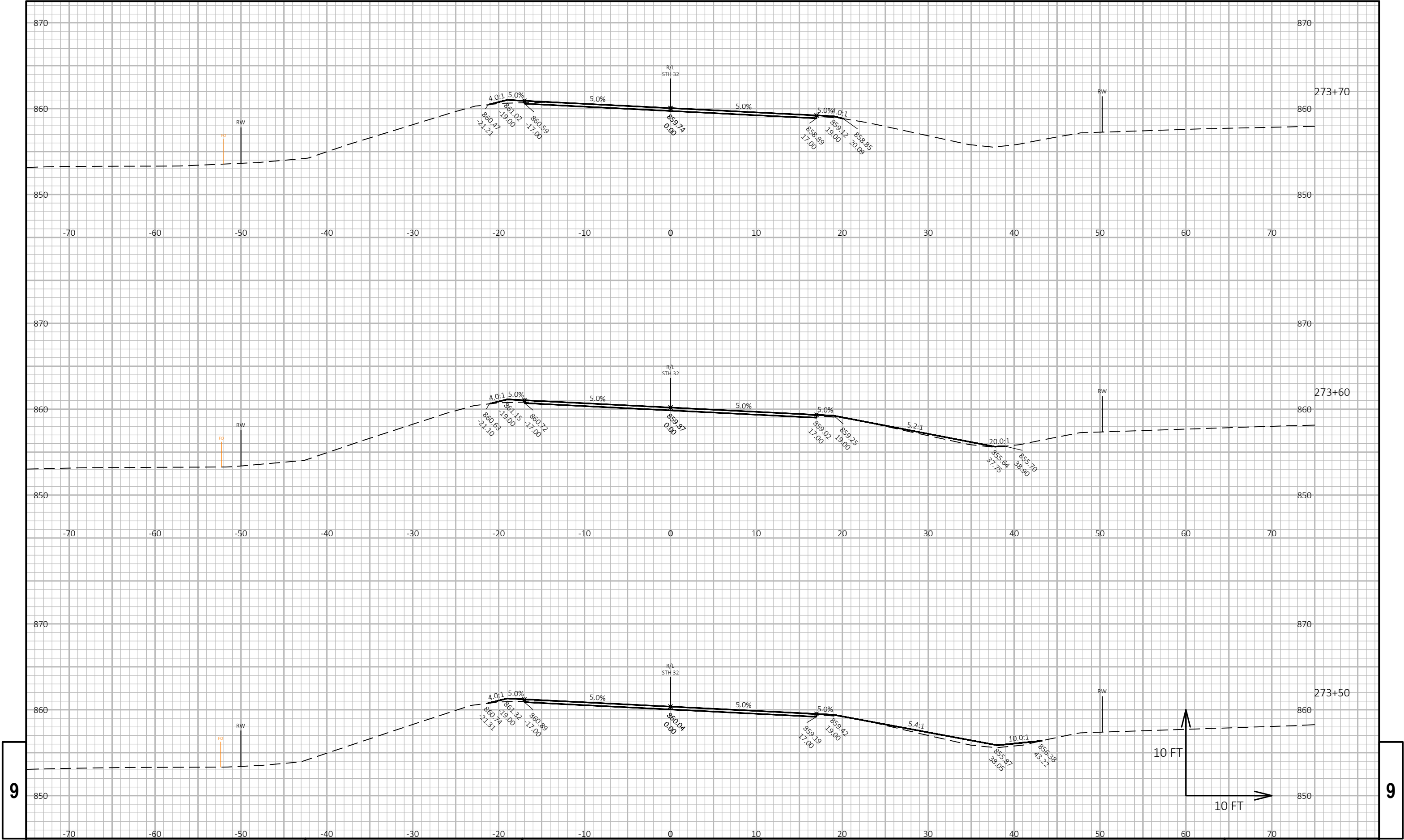
PLOT DATE : 12/27/2018 2:15 PM

PLOT BY : BAIERL, KENNETH M

PLOT NAME :

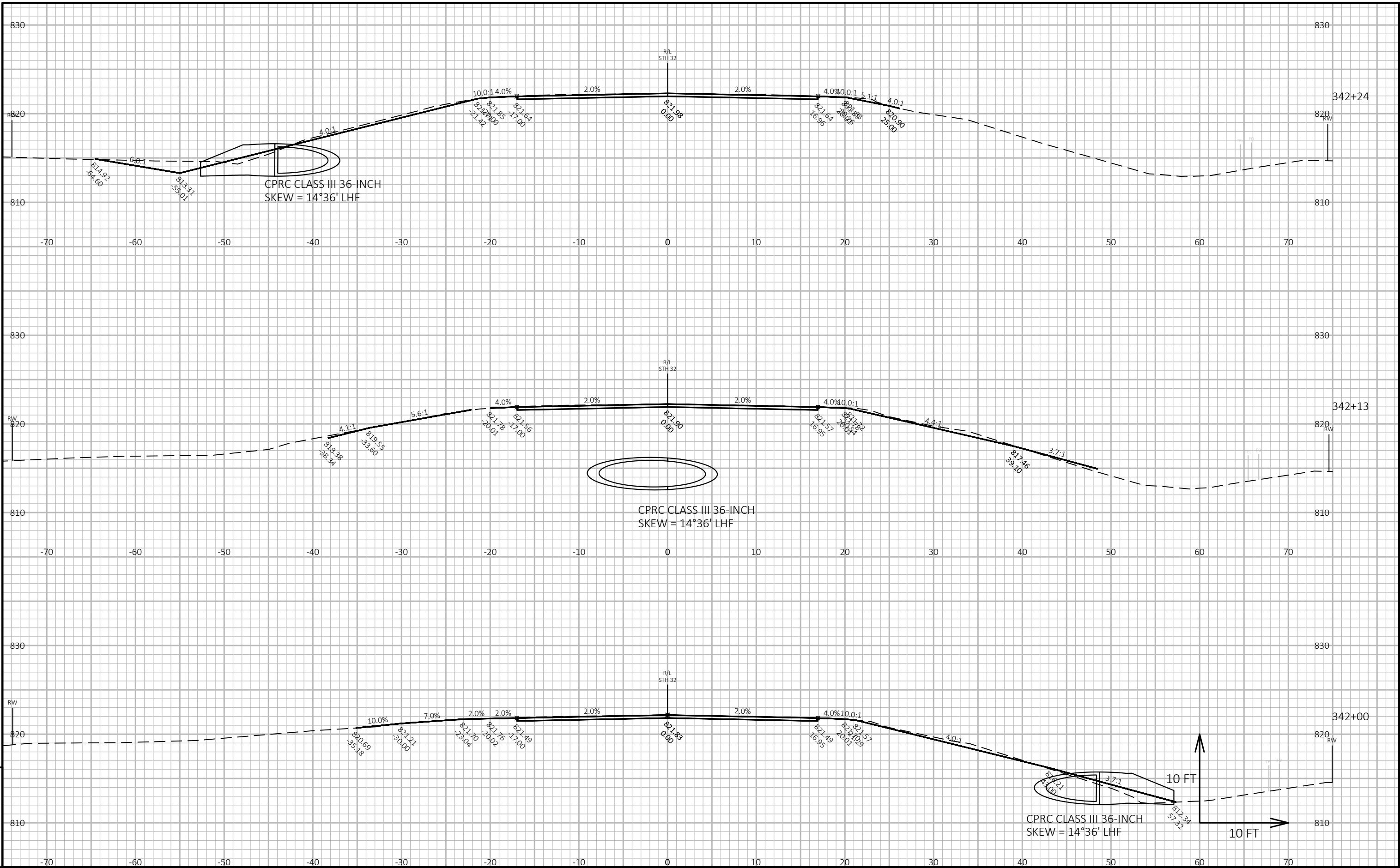
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDs SHEET 49



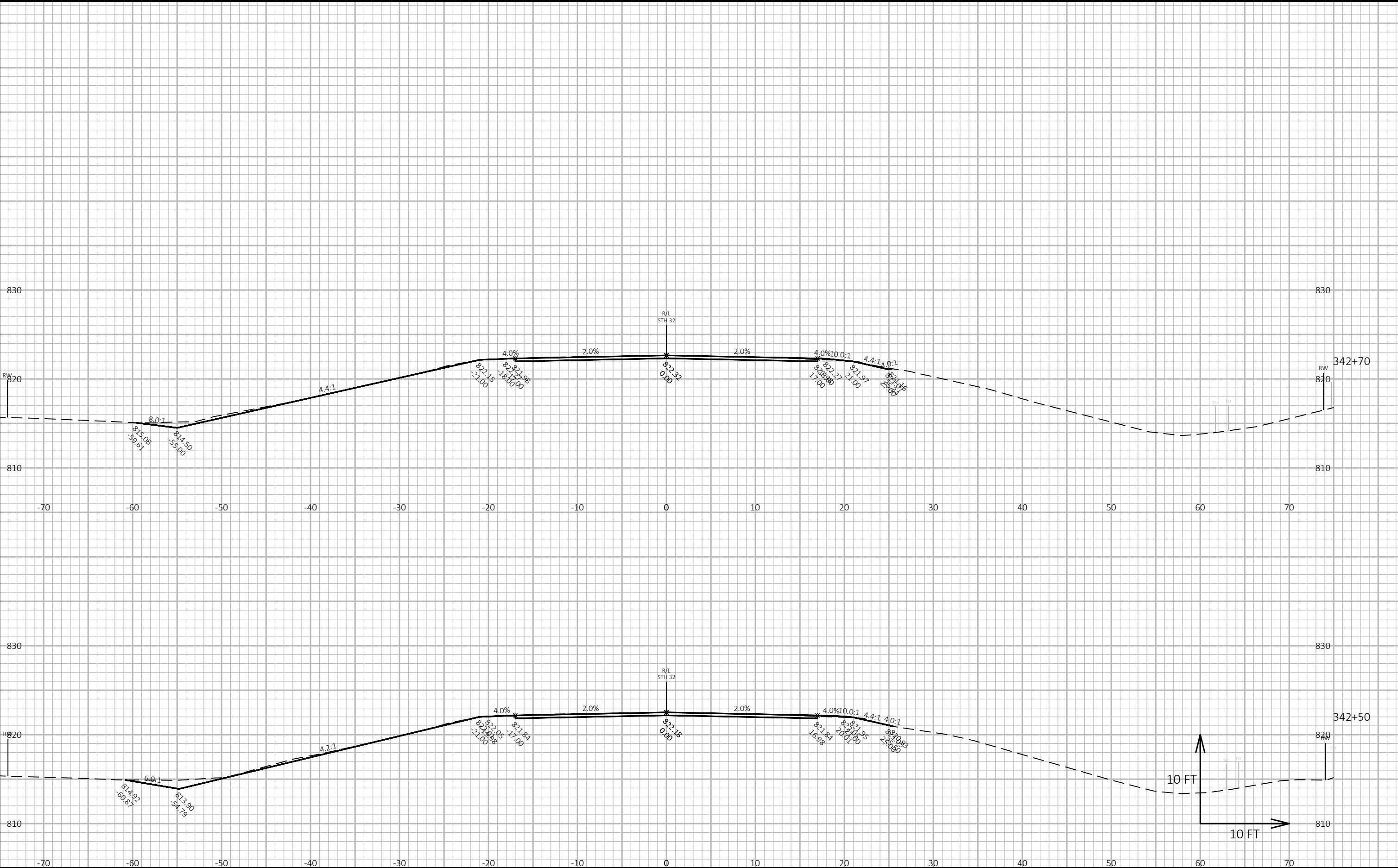
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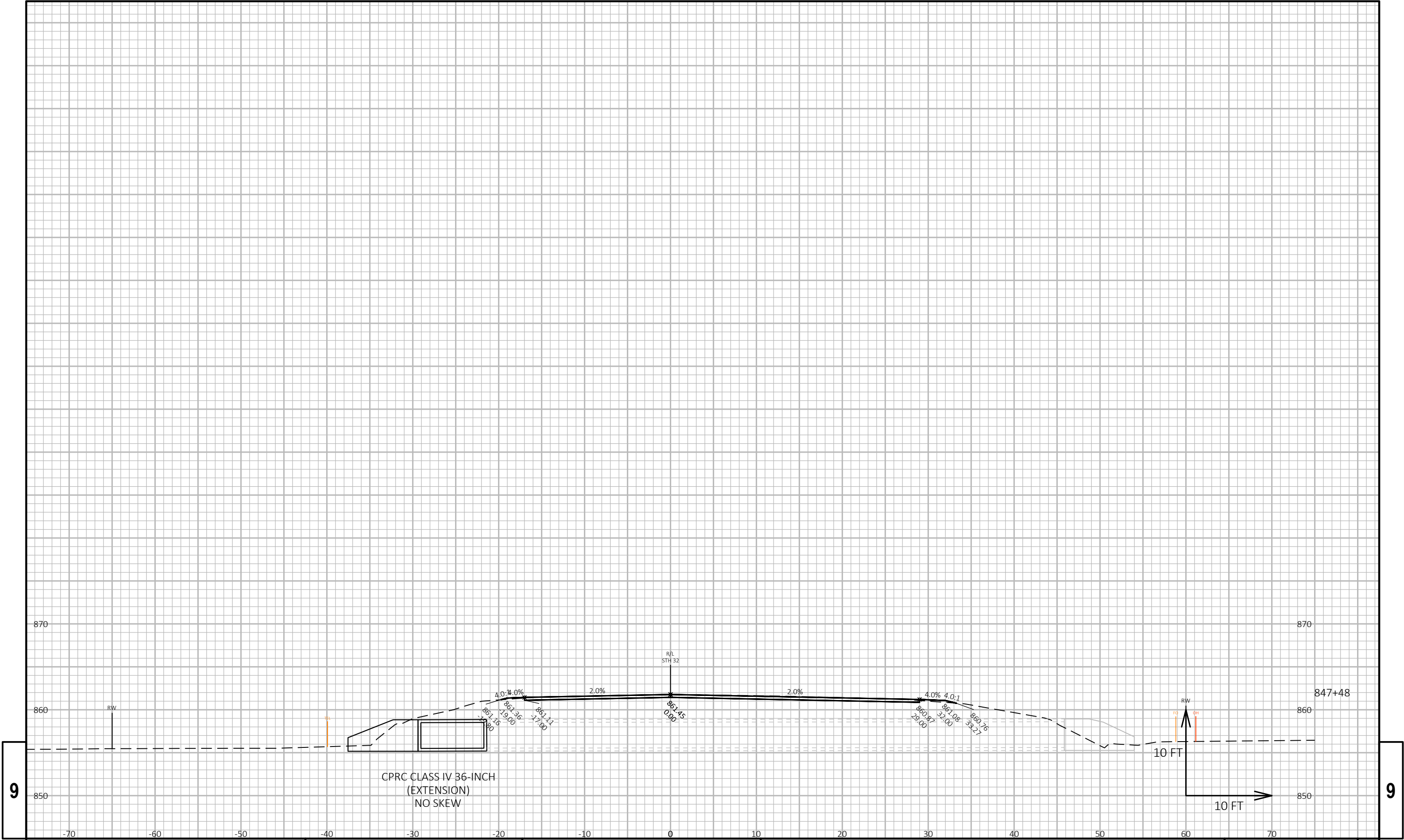


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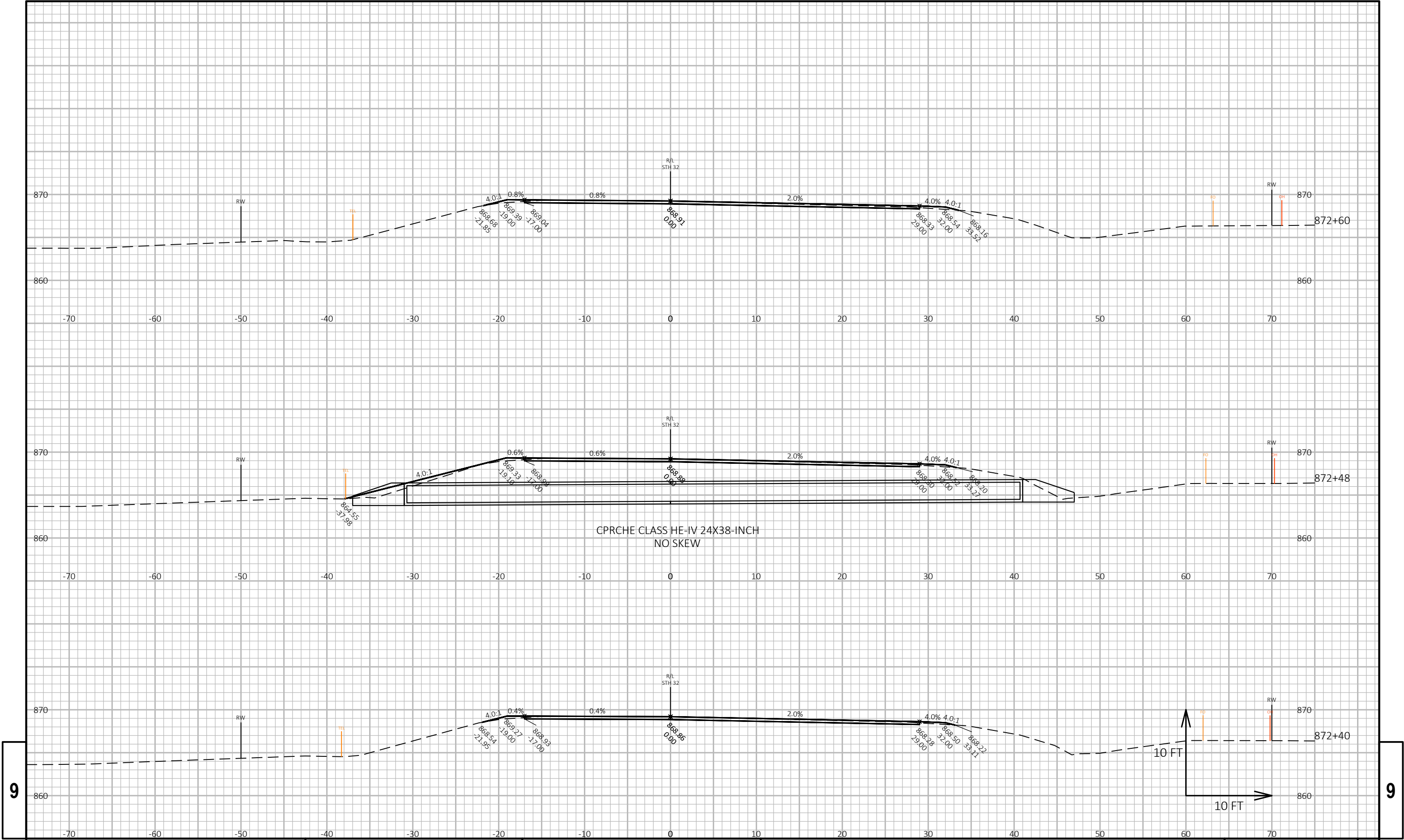
PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	CROSS SECTIONS: STH 32	SHEET E
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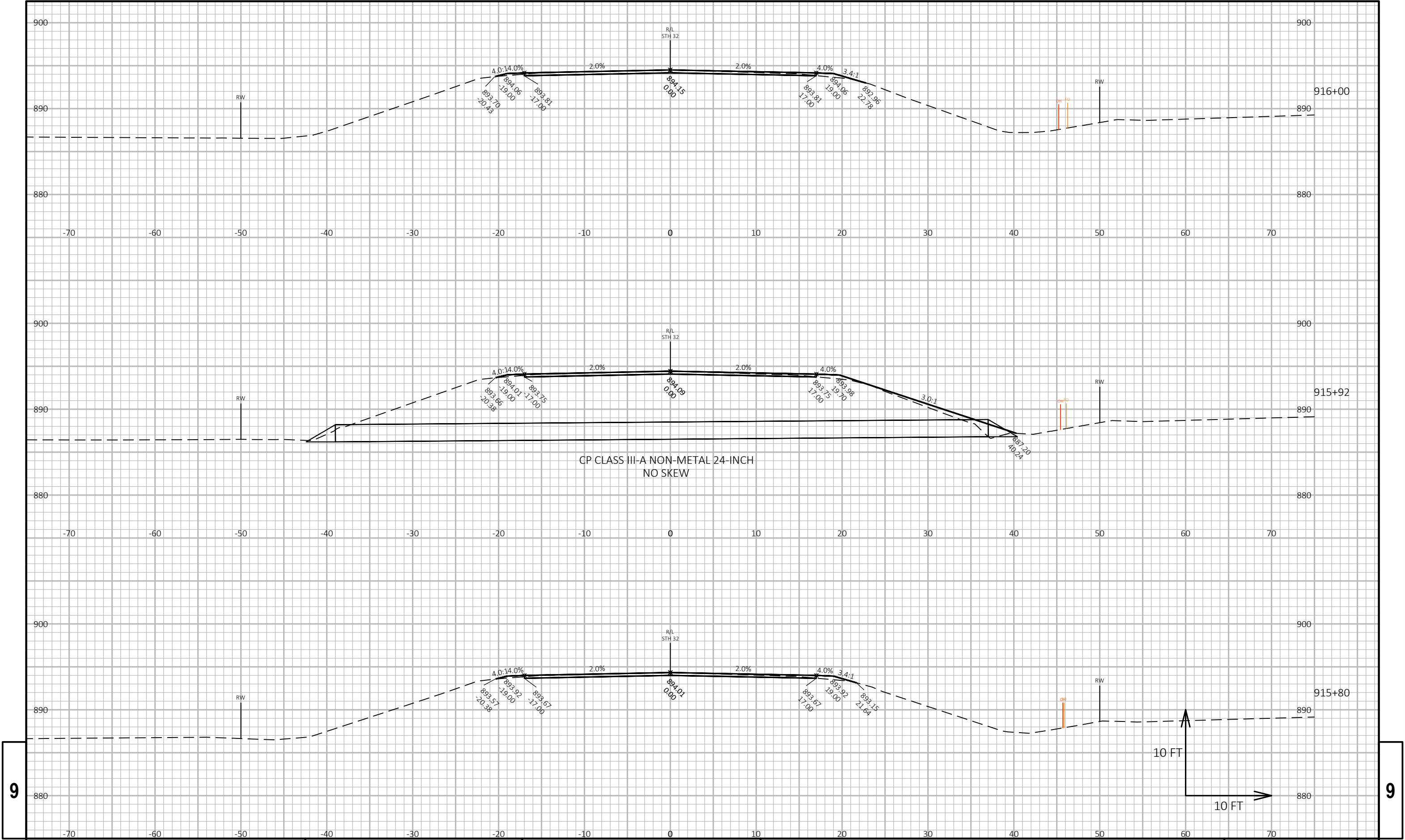
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PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	CROSS SECTIONS: STH 32	SHEET	E
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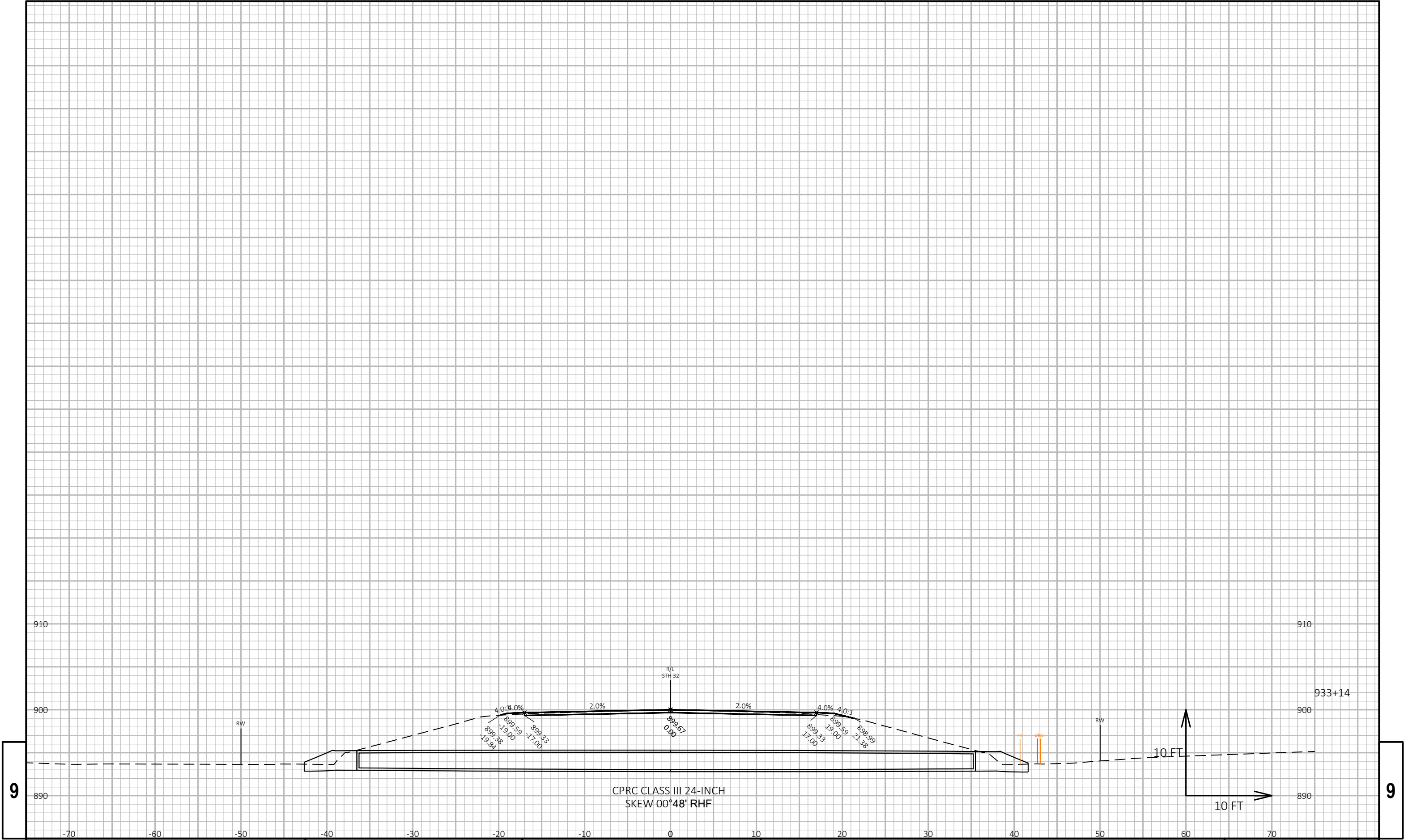
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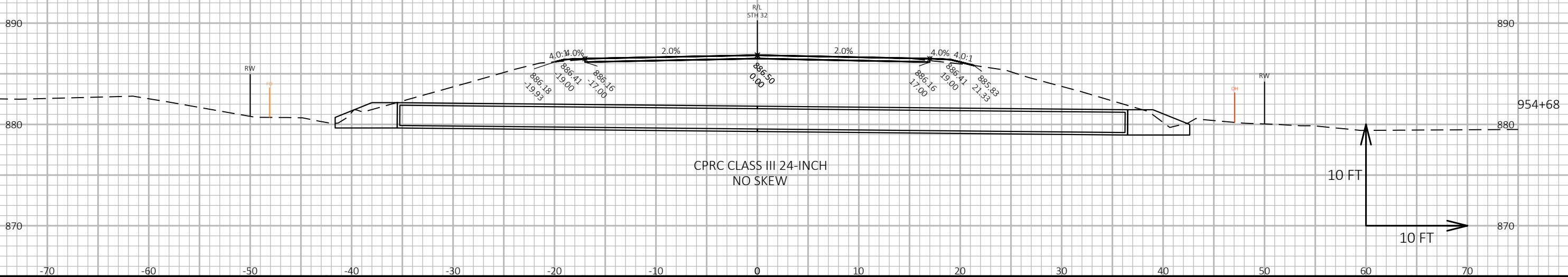


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PROJECT NO: 9170-12-71	HWY: STH 32	COUNTY: OCONTO	CROSS SECTIONS: STH 32	SHEET	E
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EPlans Preliminary Sheet Numbering Tool

This sheet: ftp://ftp.dot.state.wi.us/transp/roads/eplans/prelim_sheet_numbers.pdf

Notes

- Acrobat 5 or higher is required to use this tool.
- The Bureau of Highway Construction places sheet numbers in the final plan.
- This sheet is for placing preliminary sheet numbers with a "PRE_" prefix.
- If a plan contains multiple projects, number each plan individually.
- Leave this sheet in the plan.

TO ADD PRELIMINARY SHEET NUMBERS

1. Insert this sheet at the end of the plan

- a. With the plan open in Acrobat, select Document > Insert Pages.
- b. In the Select File to Insert dialog box, select this file (prelim_sheet_numbers.pdf)
- c. In the Insert dialog box, choose After for Location and Last page for Page.
- d. Click OK.

2. Click the Place Preliminary Sheet Numbers button

- a. Go to the last sheet of the plan.
- b. Click the Place Preliminary Sheet Numbers button once.
(The preliminary sheet number appears in the bottom right corner of the sheets.
The number should match the page number in the Acrobat Status bar).

3. Re-Save the PDF

- a. Select File > Save As and save the PDF.

TO REMOVE PRELIMINARY SHEET NUMBERS