

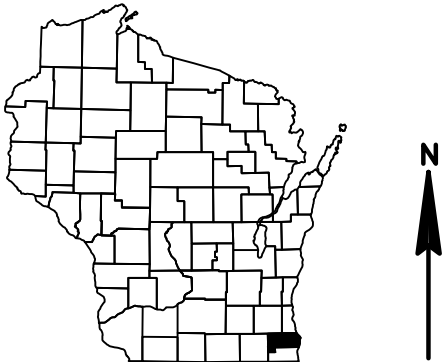
PROJECT ID: 2240-00-77
WITH: 2240-03-74

COUNTY: RACINE

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 STH 36

A.A.D.T. 2020	=	13,300 to 18,900
A.A.D.T. 2040	=	15,400 to 23,500
D.H.V.	=	9.8
D.D.	=	60/40
T.	=	4.8
DESIGN SPEED	=	60 MPH
ESALS	=	5,000,000

CONVENTIONAL SYMBOLS

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

PROFILE	
GRADE LINE	—
ORIGINAL GROUND	—
MARSH OR ROCK PROFILE (To be noted as such)	—
SPECIAL DITCH	—
GRADE ELEVATION	95.36
CULVERT (Profile View)	—
UTILITIES	—
ELECTRIC	— E —
FIBER OPTIC	— FO —
GAS	— G —
SANITARY SEWER	— SAN —
STORM SEWER	— SS —
TELEPHONE	— T —
WATER	— W —
UTILITY PEDESTAL	—
POWER POLE	—
TELEPHONE POLE	—

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

MILWAUKEE AVENUE

STH 20 to CTH Y

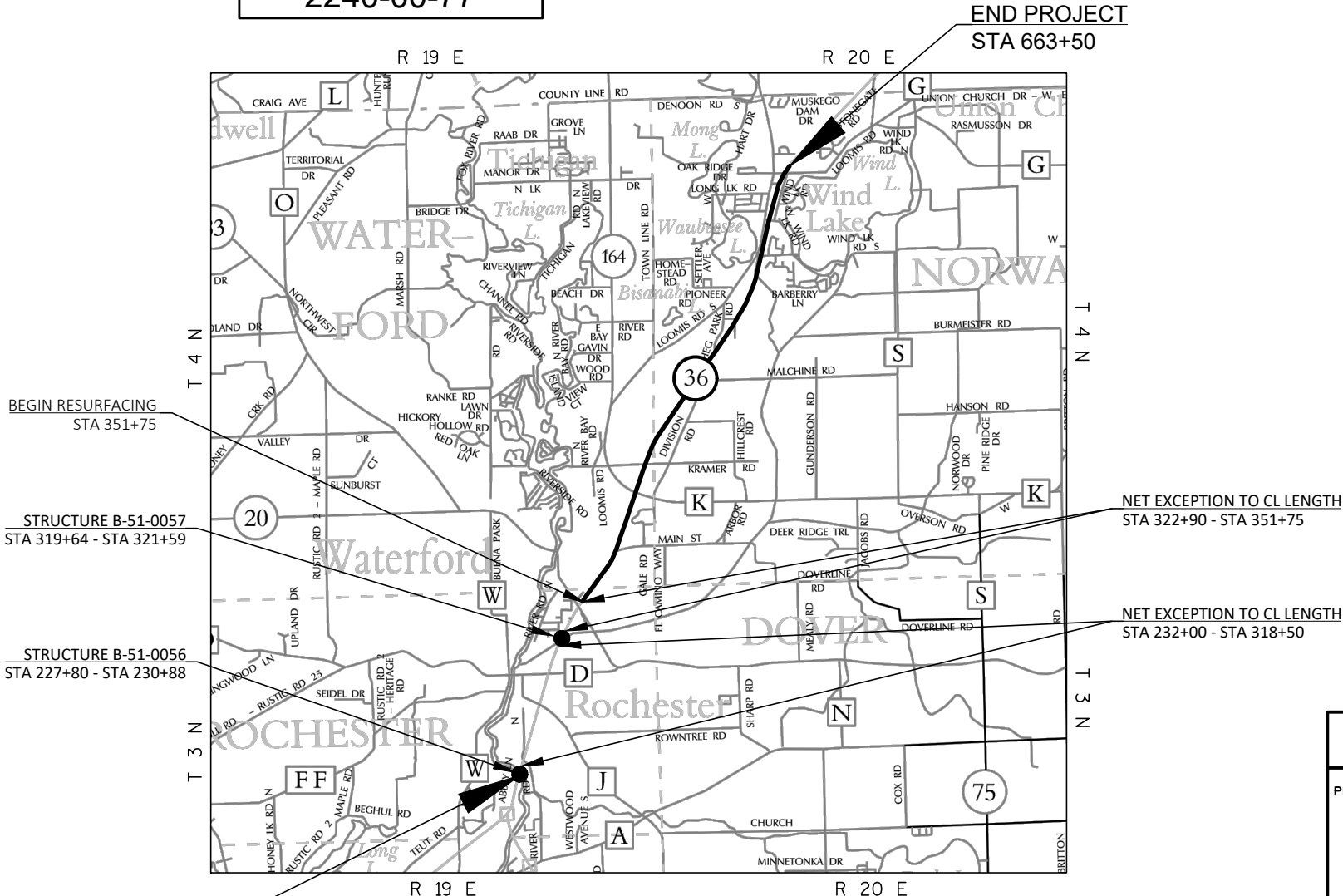
STH 36

RACINE COUNTY

STATE PROJECT NUMBER
2240-00-77

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
2240-00-77		

DRAFT PS&E Submittal
February 4, 2020



BEGIN PROJECT
STA 226+70
X: 521597.723
Y: 184637.045

LAYOUT

SCALE 0 2 MILES

TOTAL NET LENGTH OF CENTERLINE = 6.088 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, RACINE 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.

ELEVATION SHOWN ON THE PLAN ARE REFERENCED TO THE AMERICAN GEODETIC VERTICAL DATUM OF 1988 NAVD 88 (2007)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	R.A. SMITH
Designer	WISDOT
Project Manager	JUSTIN SUYDAM
Regional Examiner	
Regional Supervisor	JANET CANNON
APPROVED FOR THE DEPARTMENT	
DATE:	(Signature)

GENERAL NOTES

DO NOT REMOVE ANY TREES OR SHRUBS WITHOUT APPROVAL OF THE ENGINEER.

NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY UTILITY WHICH IS NOT A MEMBER OF DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

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

CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER OR THEORETICAL FLANGE POINT OF INTEGRAL CURB AND GUTTER. CURB AND GUTTER RADII ARE MEASURED TO THE FLANGE OF CURB AND GUTTER OR THEORETICAL FLANGE POINT OF INTEGRAL CURB AND GUTTER.

CONTACT THE PROJECT ENGINEER AND SEWRPC, AT LEAST TWO WEEKS PRIOR TO WORK NEAR ANY PUBLIC SURVEY MONUMENT.

TRAFFIC CONTROL LOCATIONS AS SHOWN IN THE PLAN ARE SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

ALL SIGN LOCATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION.

PROTECT FROM DAMAGE AROUND ANY EXISTING SIGNS OR MAILBOXES THAT ARE TO REMAIN IN PLACE

IF AN EXISTING SIGN IS REMOVED AND REPLACED WITH A NEW SIGN, DO NOT REMOVE THE EXISTING SIGN PRIOR TO INSTALLATION OF THE NEW SIGN.

DO NOT USE FERTILIZER OR TEMPORARY SEED WITHIN 20' OF WATERWAYS OR WETLAND AREAS.

USE SEED MIXTURE NO. 60 FOR WETLAND AREAS AND WITHIN 20' OF WETLAND AREAS.

RETOPSOIL OF GRADED AREAS, AS DESIGNATED BY THE ENGINEER, IMMEDIATELY AFTER GRADING IS COMPLETED WITHIN THOSE AREAS. SEED, SOD, FERTILIZE, AND MULCH/EROSION MAT TOP-SOILED AREAS, AS DESIGNATED BY THE ENGINEER, WITHIN FIVE (5) CALENDAR DAYS AFTER PLACEMENT OF TOPSOIL. IF GRADED AREAS ARE LEFT EXPOSED FOR MORE THAN FOURTEEN (14) CALENDAR DAYS, SEED THOSE AREAS WITH TEMPORARY SEED AND MULCH.

STOCKPILE EXCESS MATERIAL OR SPOILS ON UPLAND AREAS AWAY FROM WETLANDS, FLOODPLAINS AND WATERWAYS. STOCKPILED SOIL SHALL BE PROTECTED AGAINST EROSION. IF STOCKPILED MATERIAL IS LEFT FOR MORE THAN FOURTEEN (14) CALENDAR DAYS, SEED THE STOCKPILE WITH TEMPORARY SEED AND MULCH.

EROSION CONTROL BMP'S ARE AT SUGGESTED LOCATIONS. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE CONTRACTORS ECIP AND BY THE ENGINEER. EROSION CONTROL BMP'S SHALL BE MAINTANINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR UNTIL THE ENGINEER DETERMINES THAT THE BMP IS NO LONGER REQUIRED.

SEE GEOTECHNICAL ENGINEERING REPORT FOR SOIL INFORMATION. REPORT IS AVAILABLE FROM THE SOUTHEAST REGION SOILS ENGINEER CASEY WIERZCHOWSKI, PHONE 262-521-4427 OR EMAIL CASEY.WIERZCHOWSKI@DOT.WI.GOV

HMA PAVEMENT

LOCATION	LAYER	THICKNESS	HMA TYPE
SB STH 36 2-INCH	UPPER	2-INCH	4 MT 58-28 S
NB STH 36 4-INCH	UPPER	1 3/4-INCH	4 MT 58-28 S
	LOWER	2 1/4-INCH	3 MT 58-28 S
NB STH 36 SHOULDER 1 3/4-INCH	UPPER	1 3/4-INCH	4 MT 58-28 S
RECONSTRUCTION 7 1/2-INCH	UPPER	1 3/4-INCH	4 MT 58-28 S
	LOWER	2 1/4-INCH	3 MT 58-28 S
		3 1/2-INCH	

ORDER OF SHEETS

- GENERAL NOTES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- INTERSECTION DETAILS
- PLAN DETAIL
- CURB RAMP DETAIL
- PAVEMENT GRADES
- EROSION CONTROL
- STORM SEWER
- PERMANENT SIGNING
- TRAFFIC SIGNALS
- PAVEMENT MARKING
- TRAFFIC CONTROL
- DETOURS
- ALIGNMENT

OTHER CONTACTS

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JWASHBURN@SEWRPC.ORG

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FAX: (262) 534-4084
CBIRKETT@ROCHESTERWI.US

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FAX: (262) 534-5373
JBERGLES@WATERFORDWI.ORG

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KRISTINABETZOLD@WISCONSIN

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EMAIL: JUSTIN.SUYDAM@DOT.WI.

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WAUKESHA, WI 53187-0798
PHONE: (262) 574-5422
ERIC.PEREA@DOT.WI.GOV

WISDOT SIGNALS
RED PHONE
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WAUKESHA, WI 53187-0798
PHONE: (414) 750-2605

UTILITY CONTACTS

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TODD_BRISTER@TRANSCANADA.COM

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FAX: (262) 896-7435
CD8946@ATT.COM

ATC MANAGEMENT INC
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W234 N200 RIDGEVIEW PARKWAY CT
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WAUKESHA, WI 53187-0047
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AMARCINIAK@ATCLLC.COM

TDS METROCOM
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16924 WEST VICTOR ROAD
NEW BERLIN, WI 53151
PHONE: (262) 754-3063
FAX: (262) 754-3124
MATT.SCHULTE@TDSTELECOM.COM

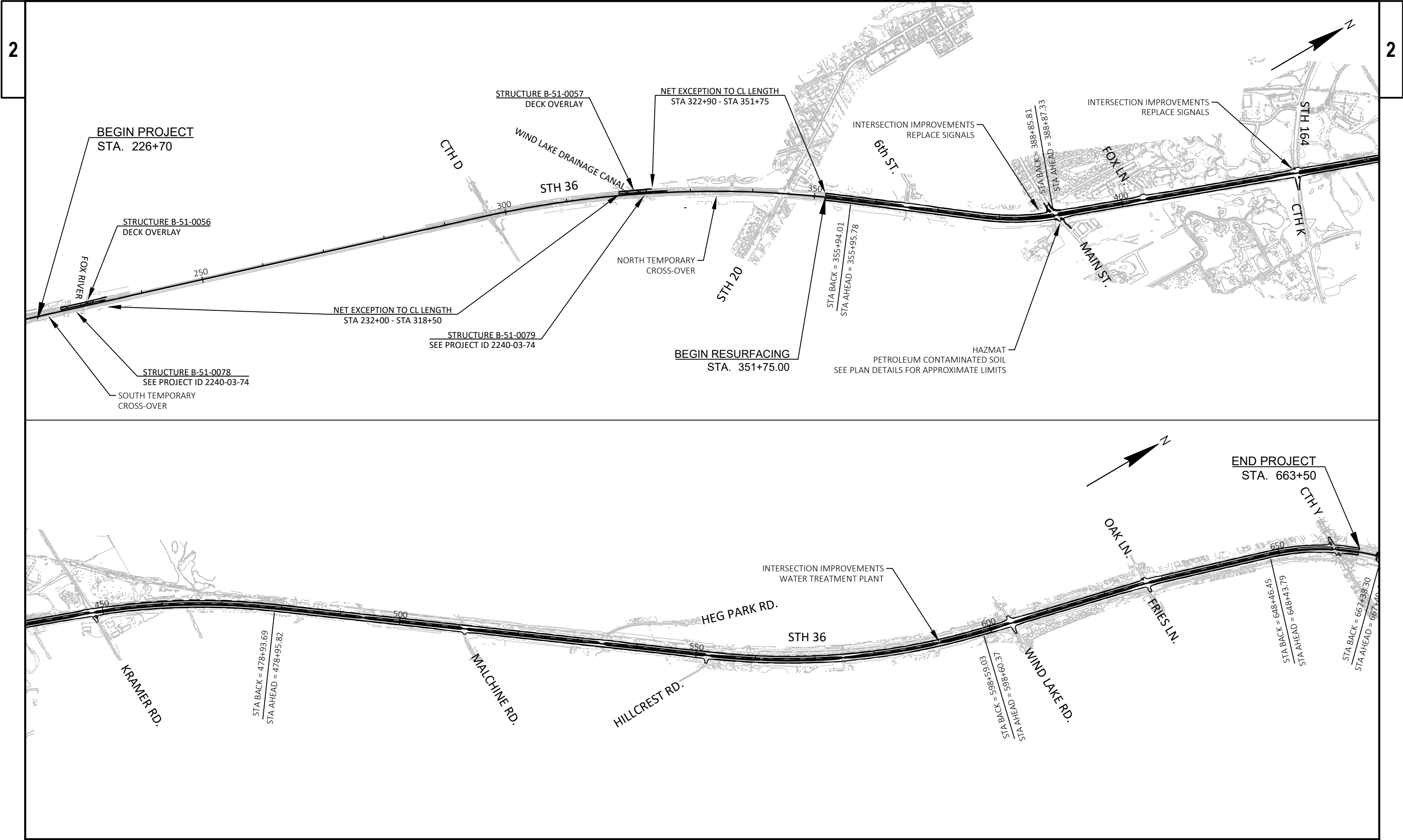
TIME WARNER CABLE
PETE KRUZELA
1320 N. MARTIN LUTHER KING JR. DR.
MILWAUKEE, WI 53212
PHONE: (414) 908-1339
PETE.KRUZELA@CHARTER.COM

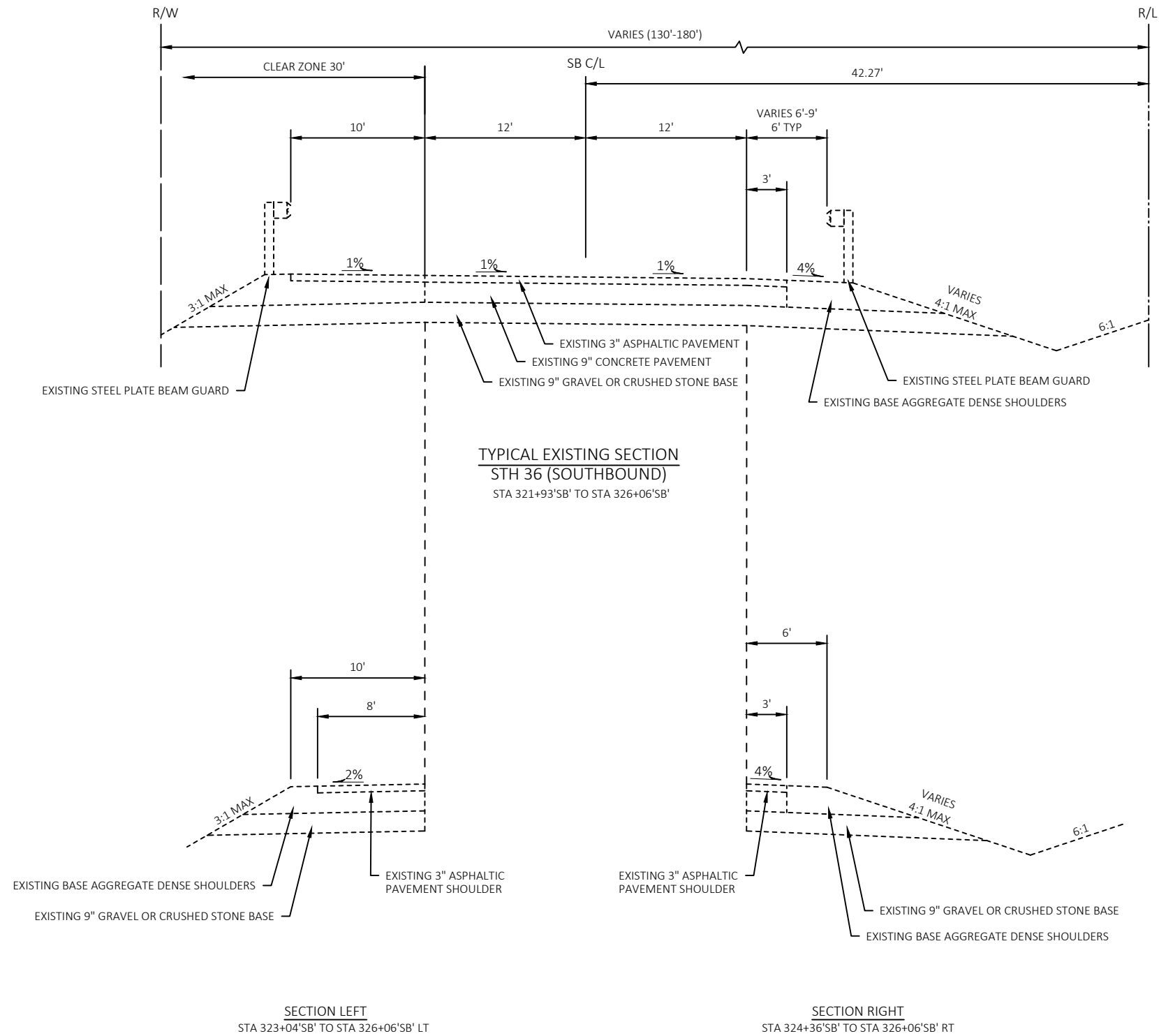
WE ENERGIES - ELECTRIC
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A299333 W EVERETT ST
MILWAUKEE, WI 53203
PHONE: (414) 221-5617
NICOLE.SMULLEN@WECENERGYGROUP.COM

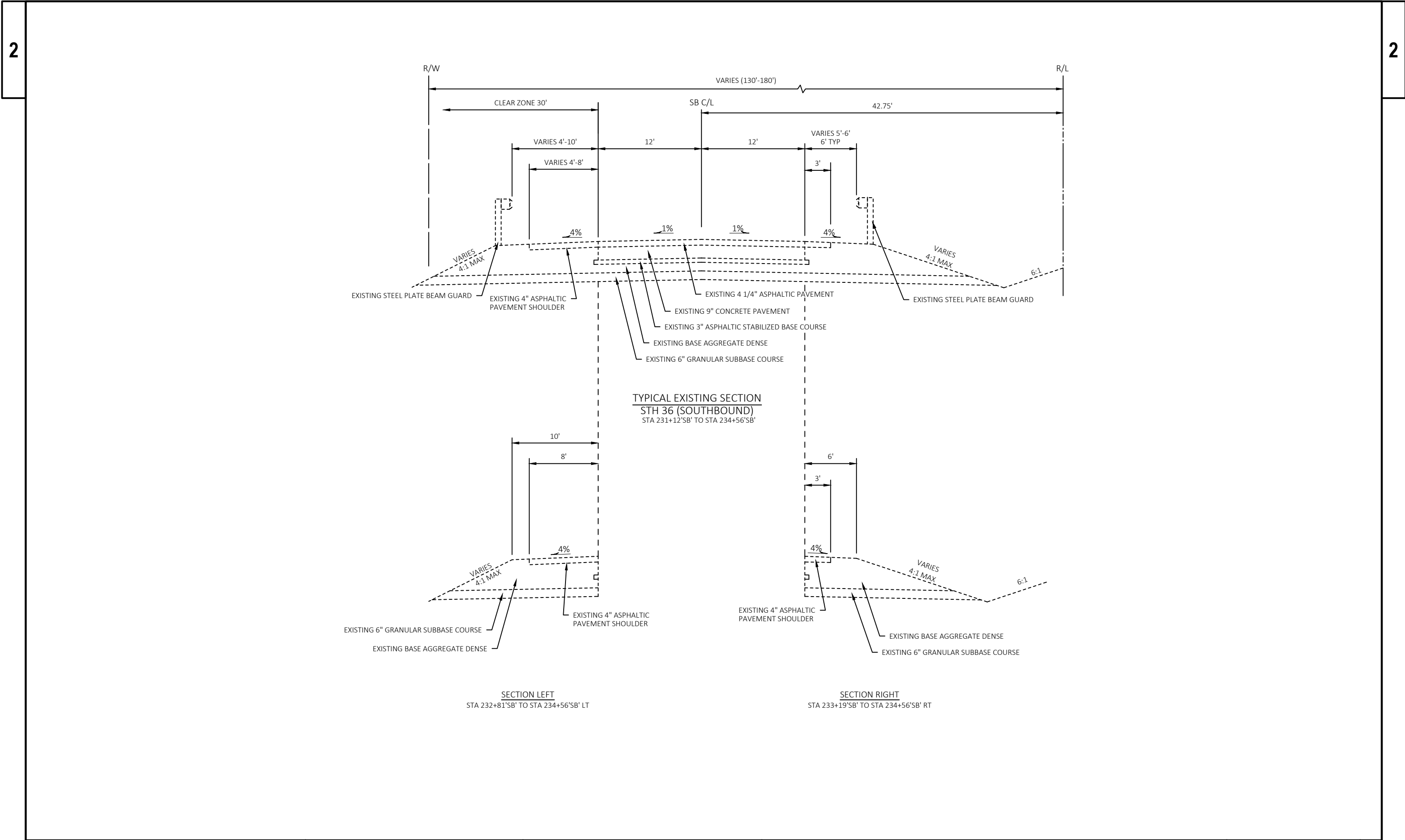
WE ENERGIES - GAS
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A299333 W EVERETT ST
MILWAUKEE, WI 53203
PHONE: (414) 221-5617
NICOLE.SMULLEN@WECENERGYGROUP.COM

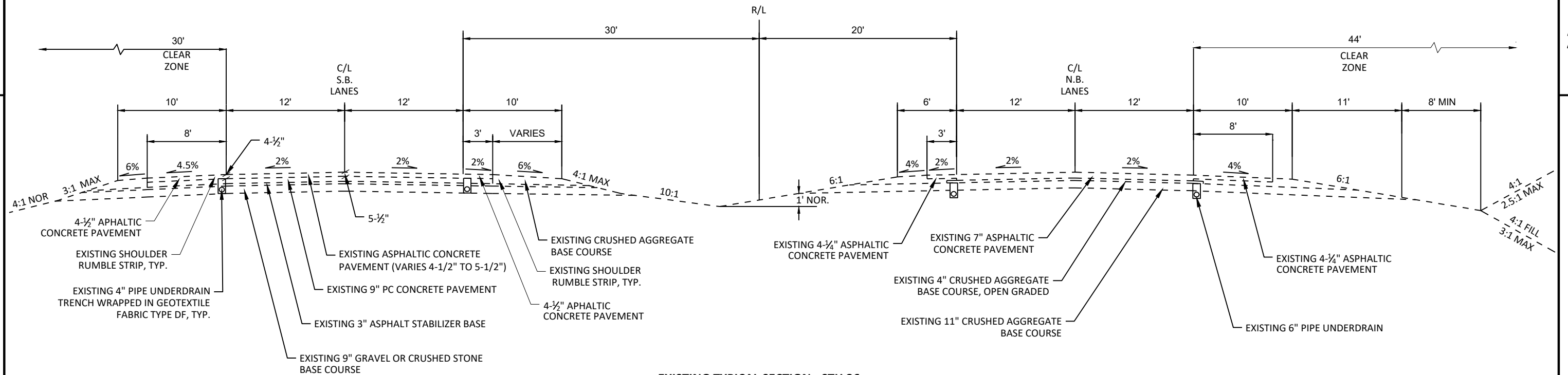


Dial  or (800) 242-8511
www.DiggersHotline.com



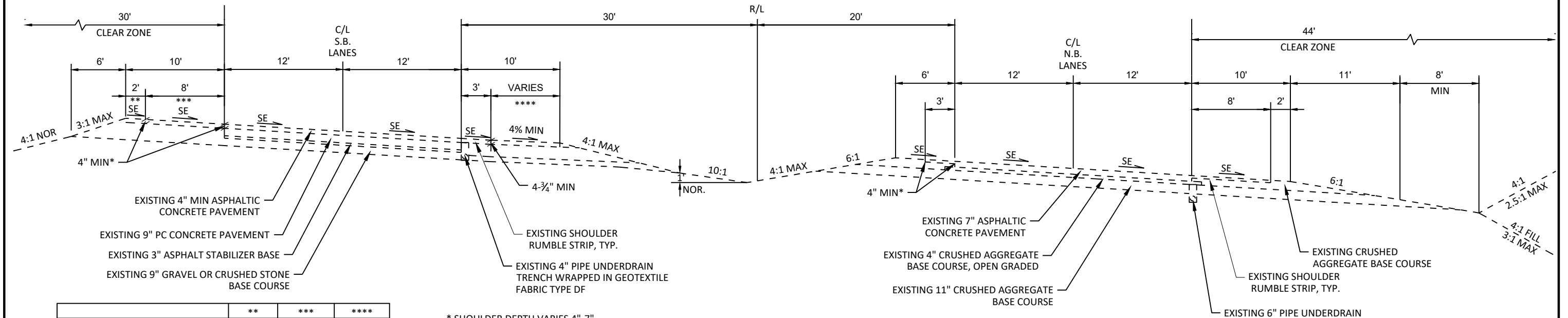






EXISTING TYPICAL SECTION - STH 36

STA. 358+80 TO STA. 373+80
 STA. 392+50 TO STA. 443+80
 STA. 481+80 TO STA. 550+10
 STA. 601+50 TO STA. 620+70
 STA. 633+80 TO STA. 644+80



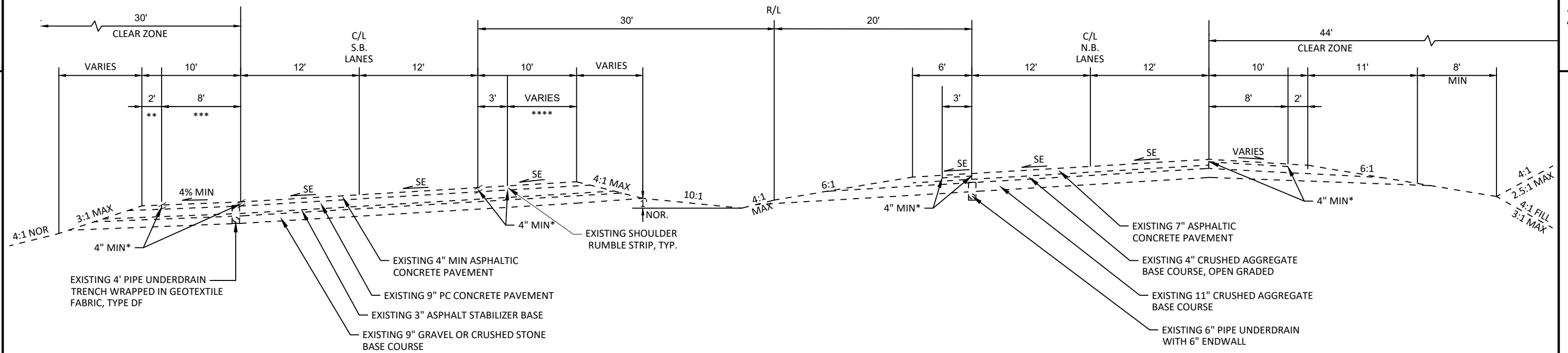
	**	***	****
STA. 373+80 TO STA. 392+50	-2.0%	2.0%	6.0%
STA. 550+10 TO STA. 601+50	-2.0%	2.0%	6.0%
STA. 620+70 TO STA. 633+80	-2.0%	2.0%	6.0%
STA. 644+80 TO STA. 663+50	-2.0%	2.9%	5.1%

* SHOULDER DEPTH VARIES 4"-7"

STA 351+75 TO STA 358+80
 STA 443+80 TO STA 841+80
 STA 620+70 TO STA 633+80

EXISTING TYPICAL SECTION - STH 36 SUPERELEVATED

STA. 351+75 TO STA. 358+80
 STA. 443+80 TO STA. 481+80
 STA. 620+70 TO STA. 633+80
 STA. 644+80 TO STA. 663+50

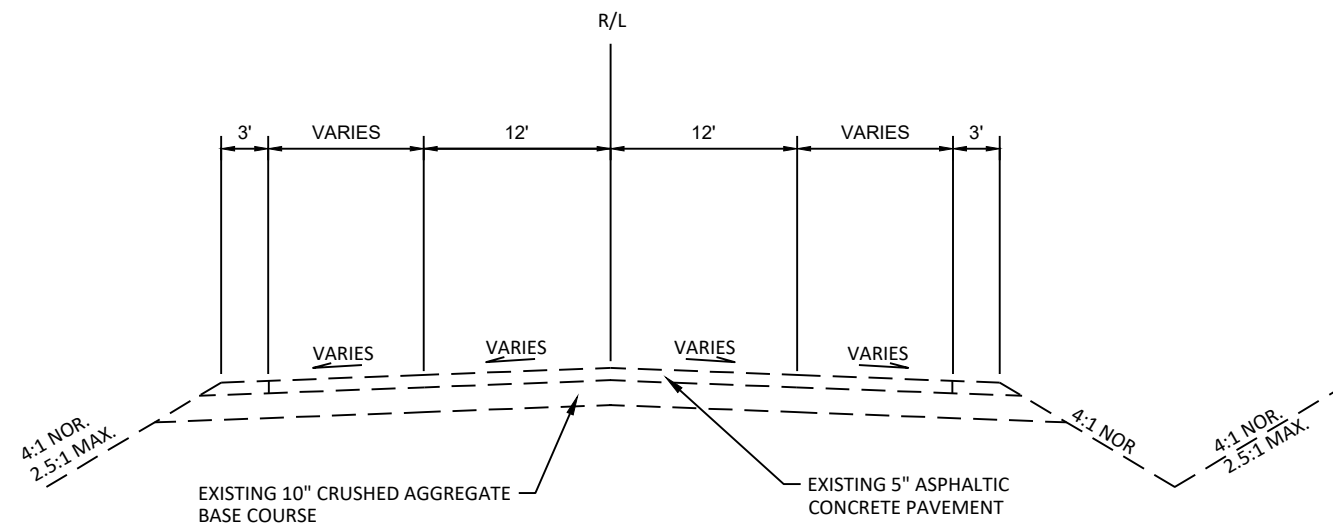


	**	***	****
STA. 373+80 TO STA. 392+50	4.9%	4.9%	3.0%
STA. 550+10 TO STA. 601+50	4.8%	4.8%	0.9%

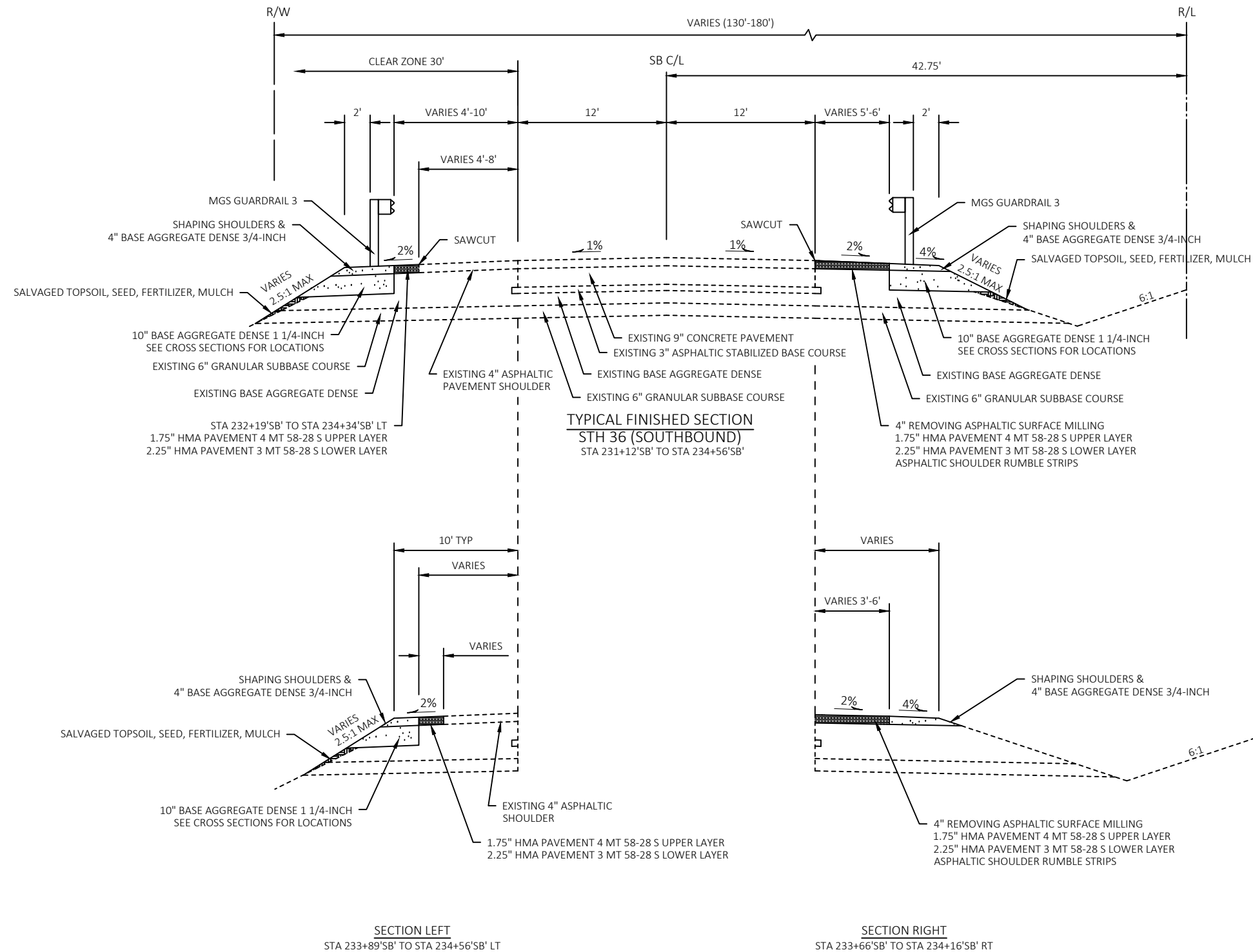
* SHOULDER DEPTH VARIES 4"-7"
STA 550+10 TO STA 601+50

EXISTING TYPICAL SECTION - STH 36 SUPERELEVATED

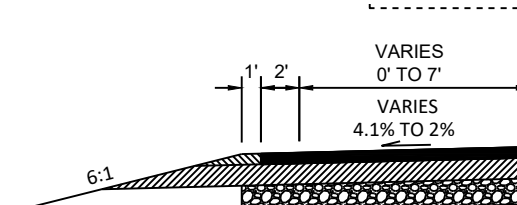
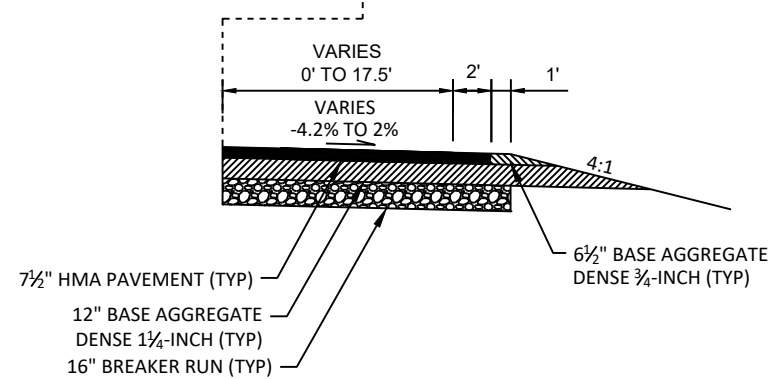
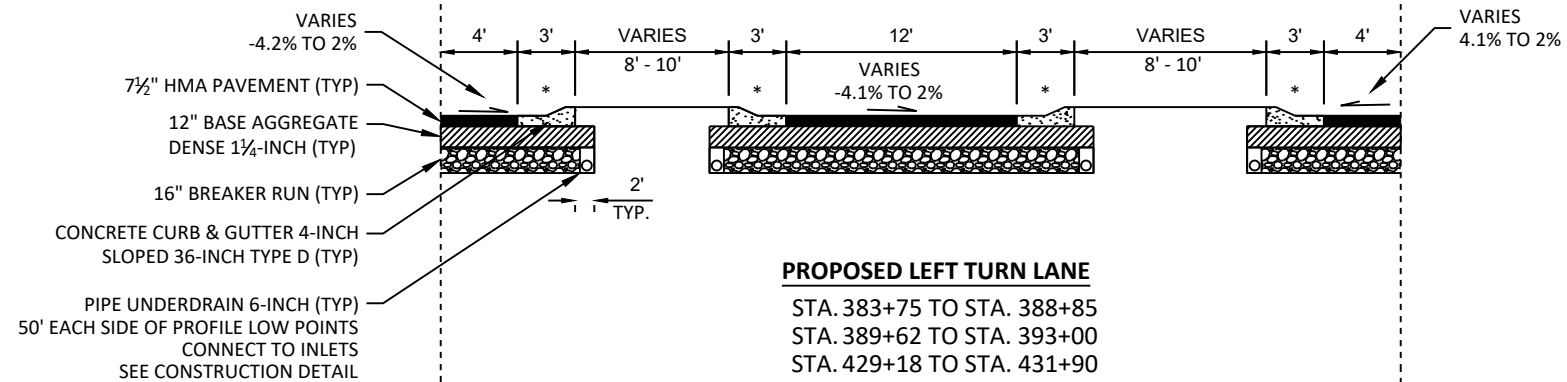
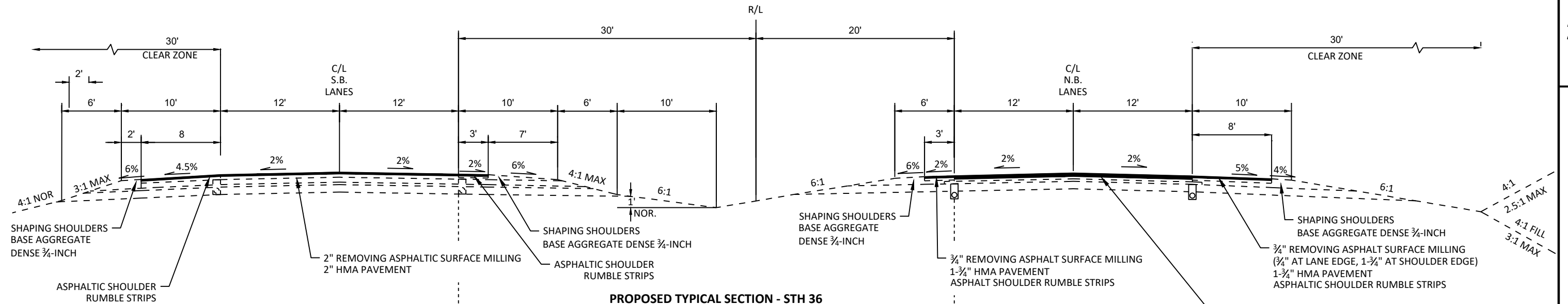
STA. 373+80 TO STA. 392+50
STA. 550+10 TO STA. 601+50



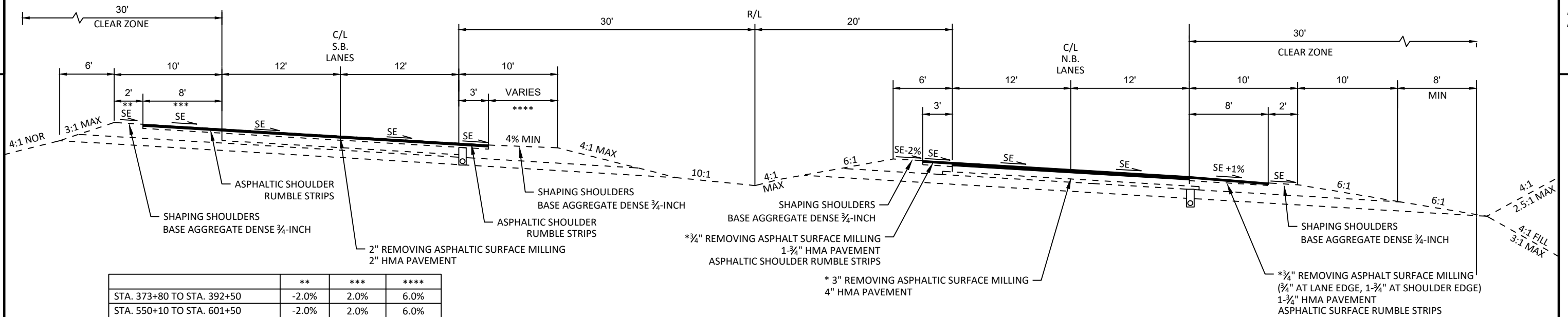
EXISTING TYPICAL SECTION - SIDEROADS







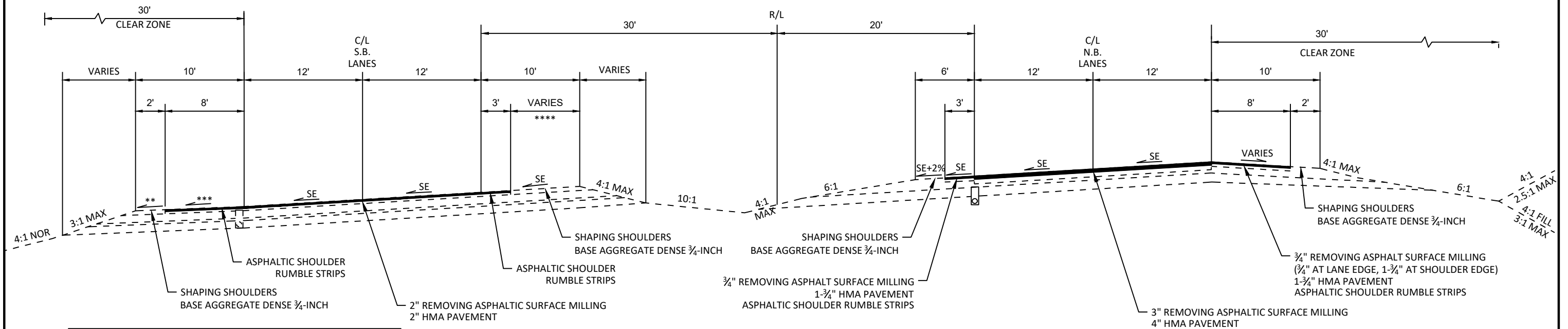
* 6.25% GUTTER SLOPE



PROPOSED TYPICAL SECTION - STH 36 SUPERELEVATED

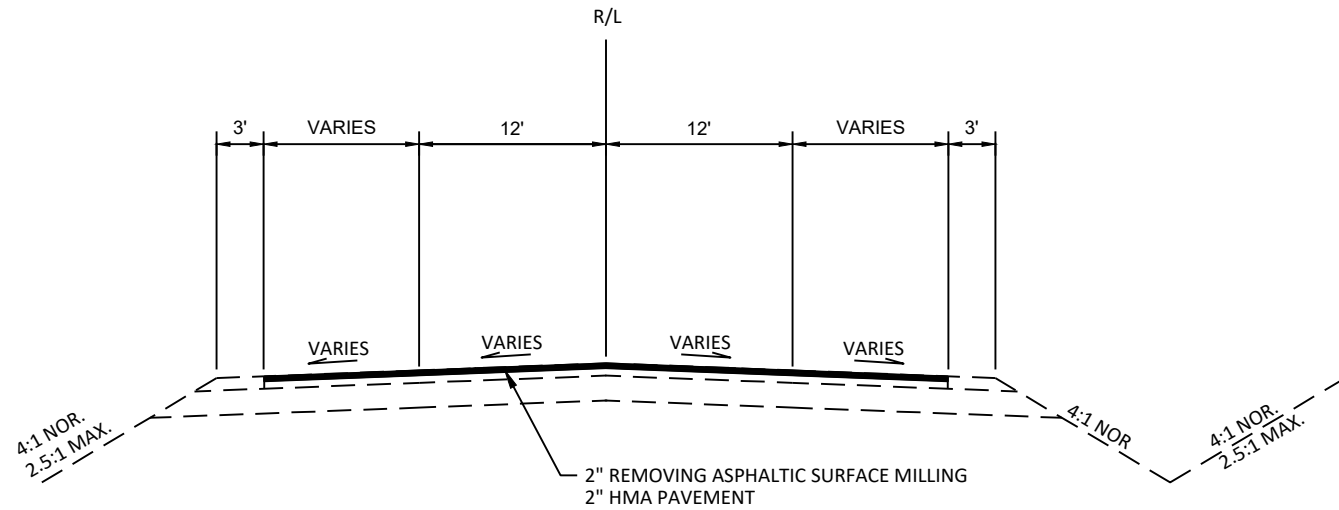
STA. 351+75 TO STA. 358+80
 STA. 443+80 TO STA. 481+80
 STA. 620+70 TO STA. 633+80
 STA. 644+80 TO STA. 663+50

* STA 653+20 TO STA 663+50
 2" REMOVING ASPHALTIC SURFACE MILLING
 2" HMA PAVEMENT

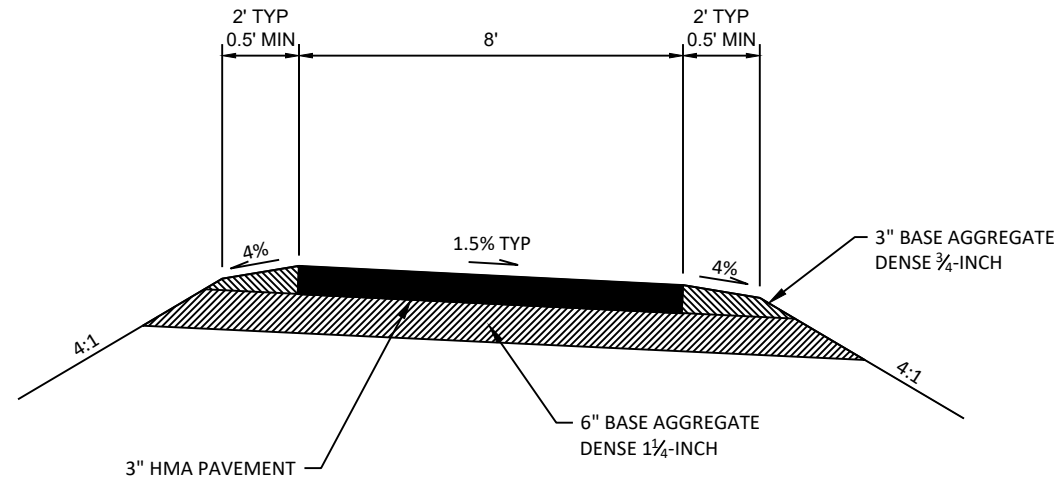


PROPOSED TYPICAL SECTION STH 36 SUPERELEVATED

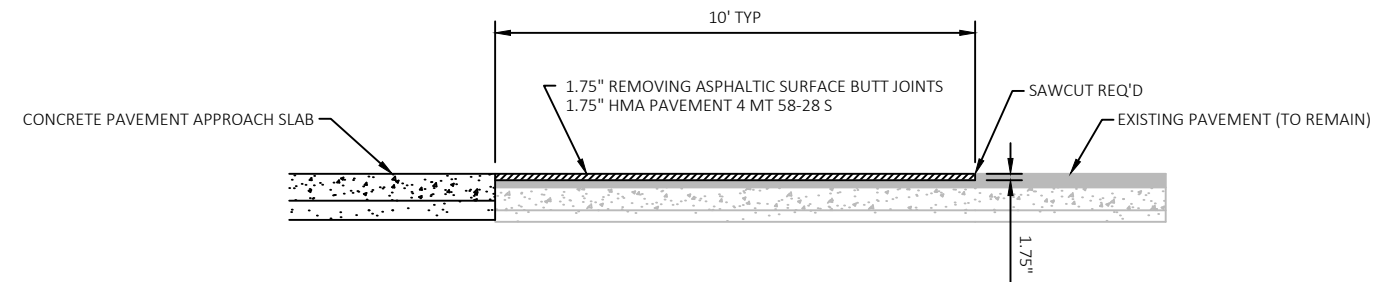
STA. 373+80 TO STA. 392+50
 STA. 550+10 TO STA. 601+50



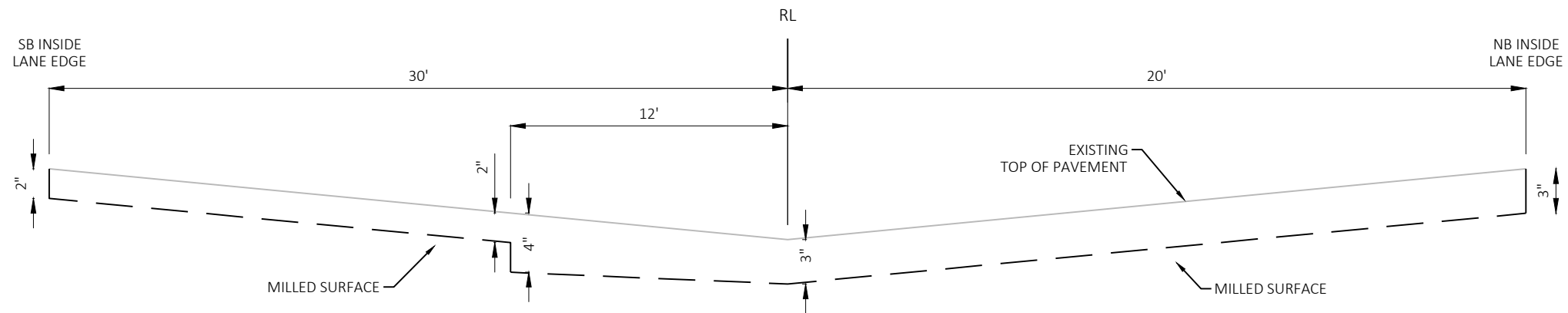
PROPOSED TYPICAL SECTION - SIDEROADS



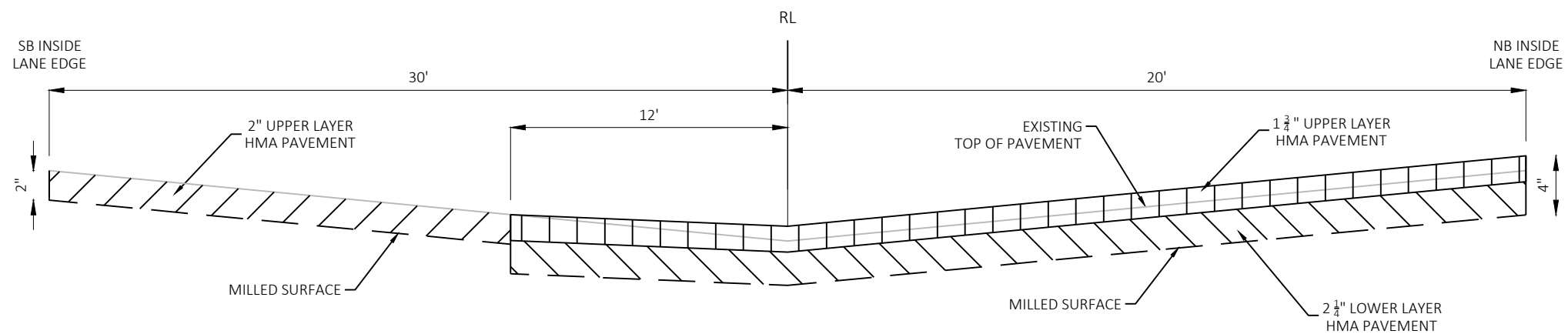
PROPOSED TYPICAL SECTION - CTH Y PATH



DETAIL FOR REMOVING ASPHALTIC SURFACE BUTT JOINTS
SEE PLANS FOR LOCATIONS

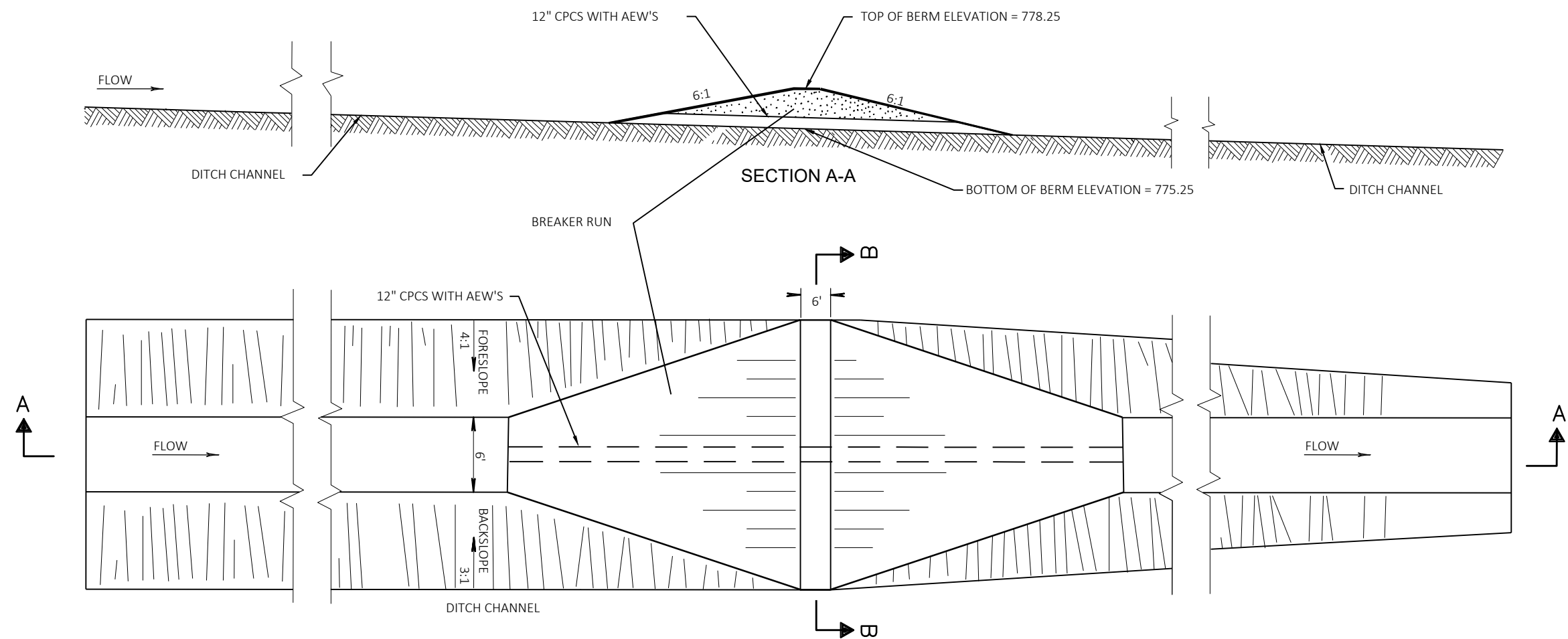


MILLING MEDIAN OPENINGS AND INTERSECTIONS

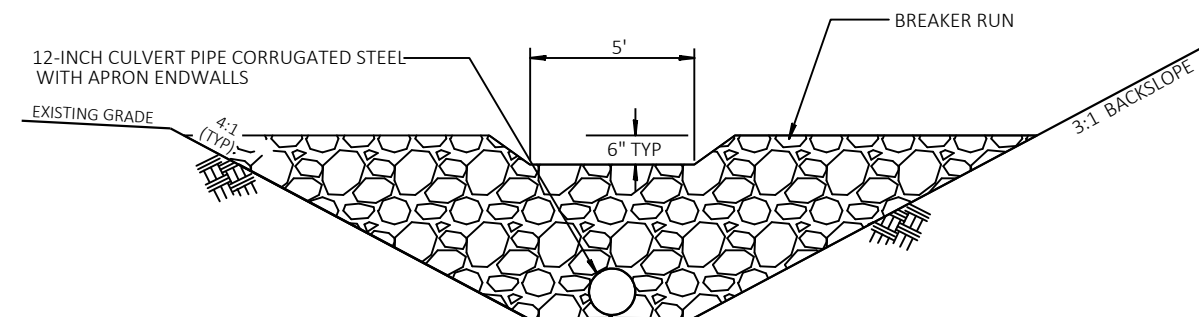


PAVING MEDIAN OPENINGS AND INTERSECTIONS

MILLING AND PAVING MEDIAN OPENINGS AND INTERSECTIONS



PLAN VIEW

**PERMANENT DITCH CHECK DETAIL**

STH 36
STA 402+25, 75.25' RT

GENERAL NOTES

CONSTRUCT PERMANENT DITCH CHECK WHERE INDICATED ON PLAN.

PROTECT DOWNSTREAM AND CULVERT ENTRANCES FROM SEDIMENTATION DURING AND AFTER CONSTRUCTION OF PERMANENT DITCH CHECKS

PROJECT NO: 2240-00-77

HWY: STH 36

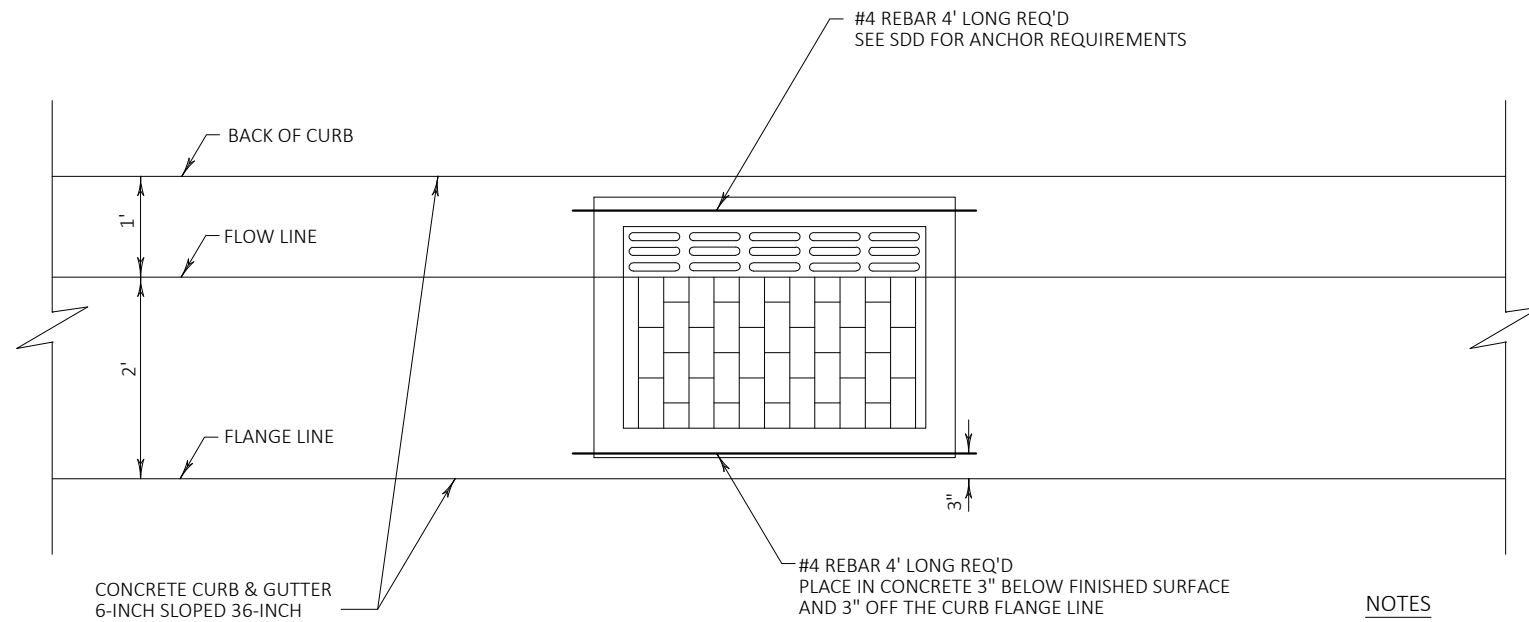
COUNTY: RACINE

CONSTRUCTION DETAILS

SHEET

PRE_16

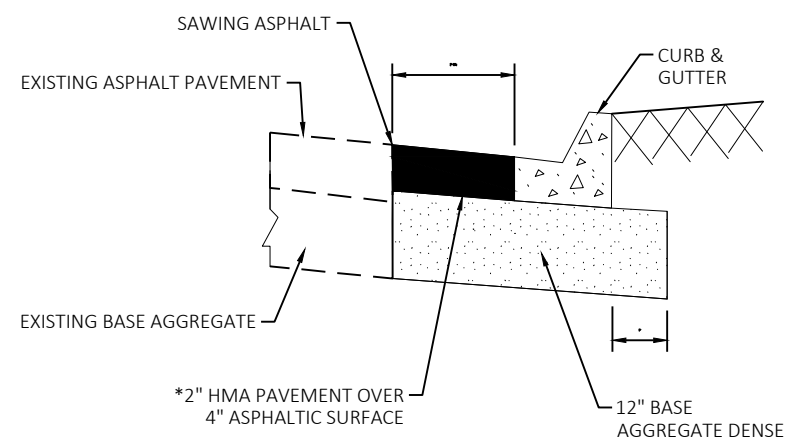
E



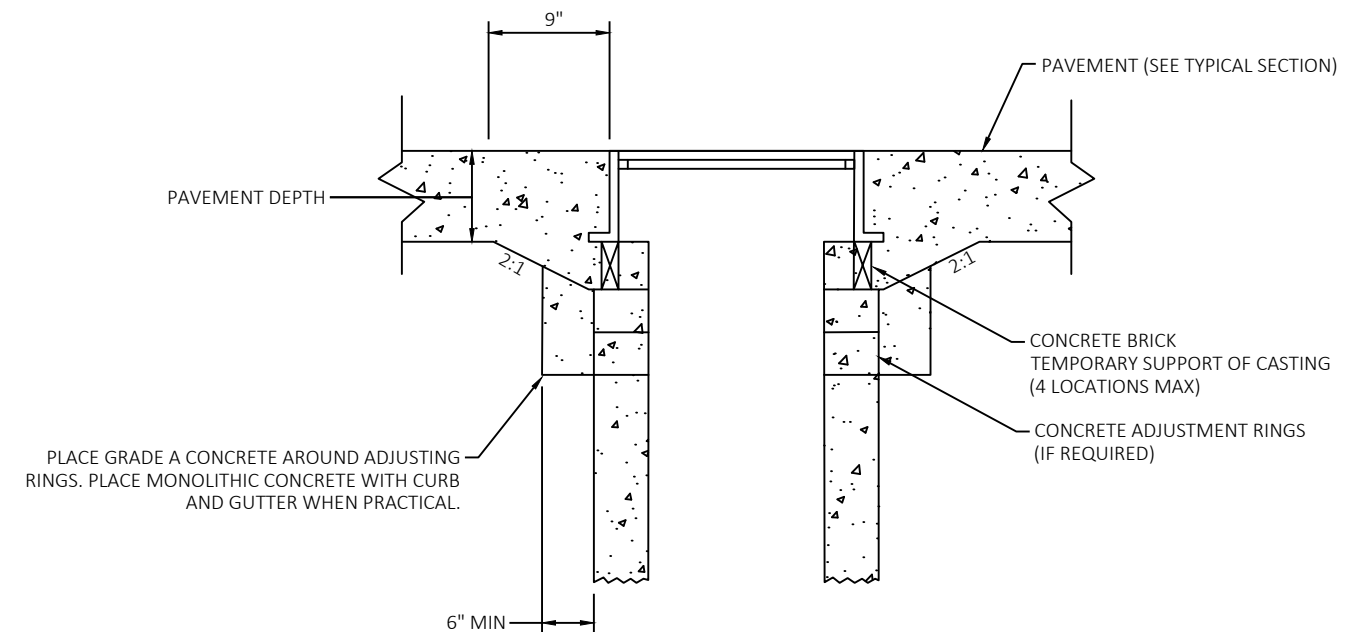
PLAN VIEW

NOTES

1. SEE SDD "INLET COVERS TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S" FOR ADDITIONAL INFORMATION.
2. THE TWO 4-FOOT LENGTHS OF #4 REBAR ARE INCIDENTAL TO THE BID ITEM "INLET COVERS TYPE HM" AND "INLET COVERS TYPE HM-S".

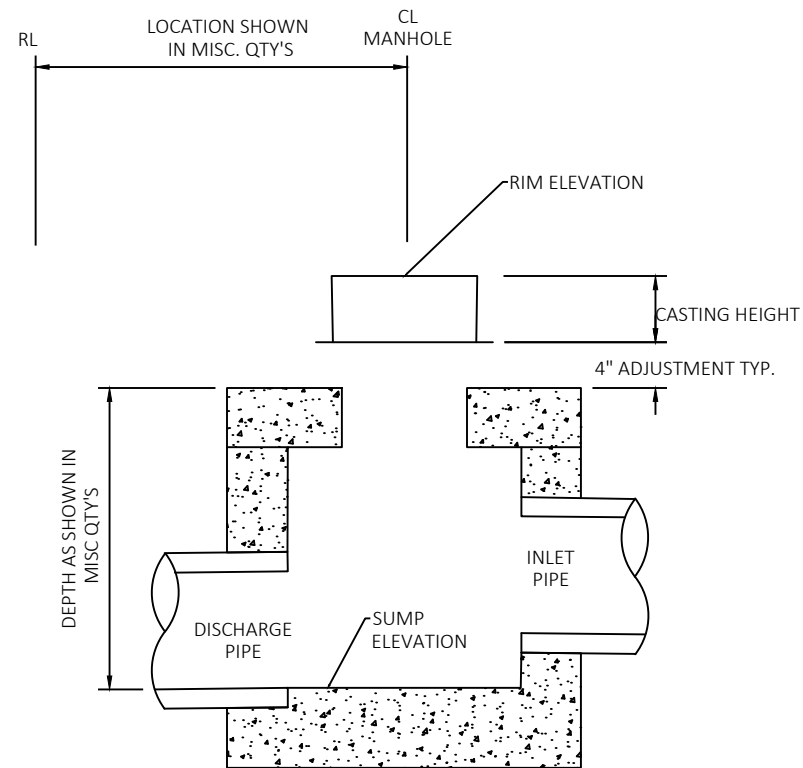
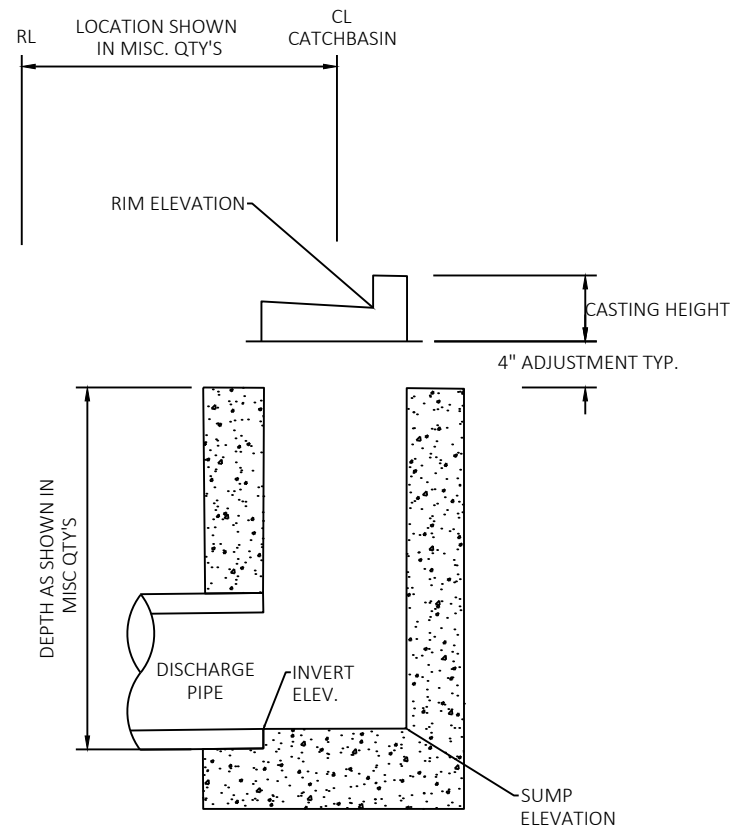
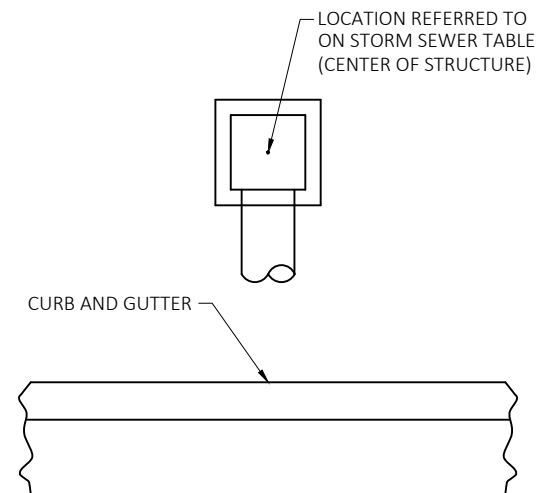
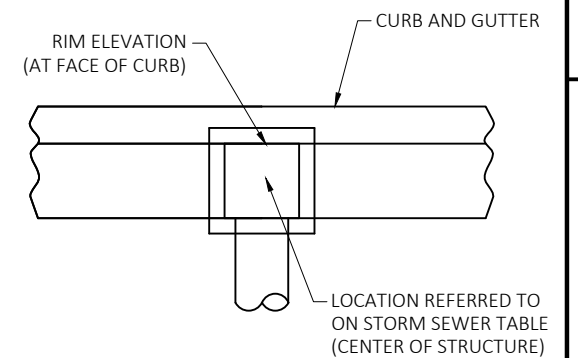
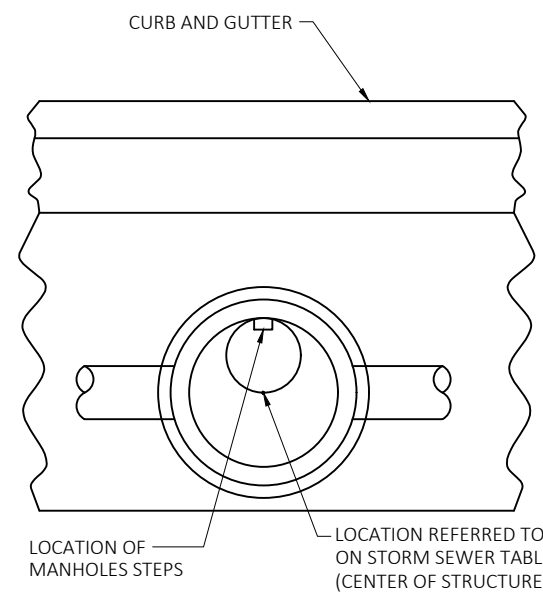
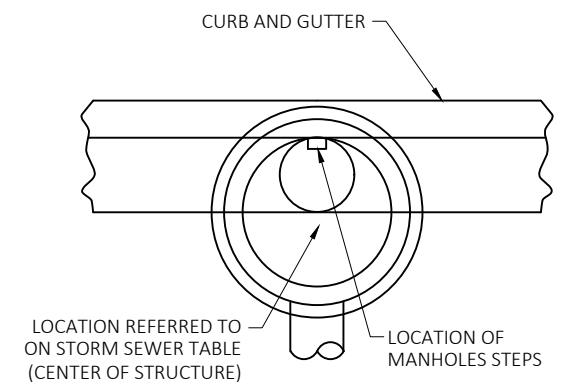
INLET COVERS, TYPE HM & HM-S**MAIN STREET CURB & GUTTER DETAIL**

- NW, SW, NE, SE QUADRANTS
* IN NE AND SE QUADRANTS USE 1- $\frac{3}{4}$ " HMA PAVEMENT OVER 4- $\frac{1}{4}$ " ASPHALTIC SURFACE

**MONOLITHIC CONCRETE SHIMMING DETAIL**

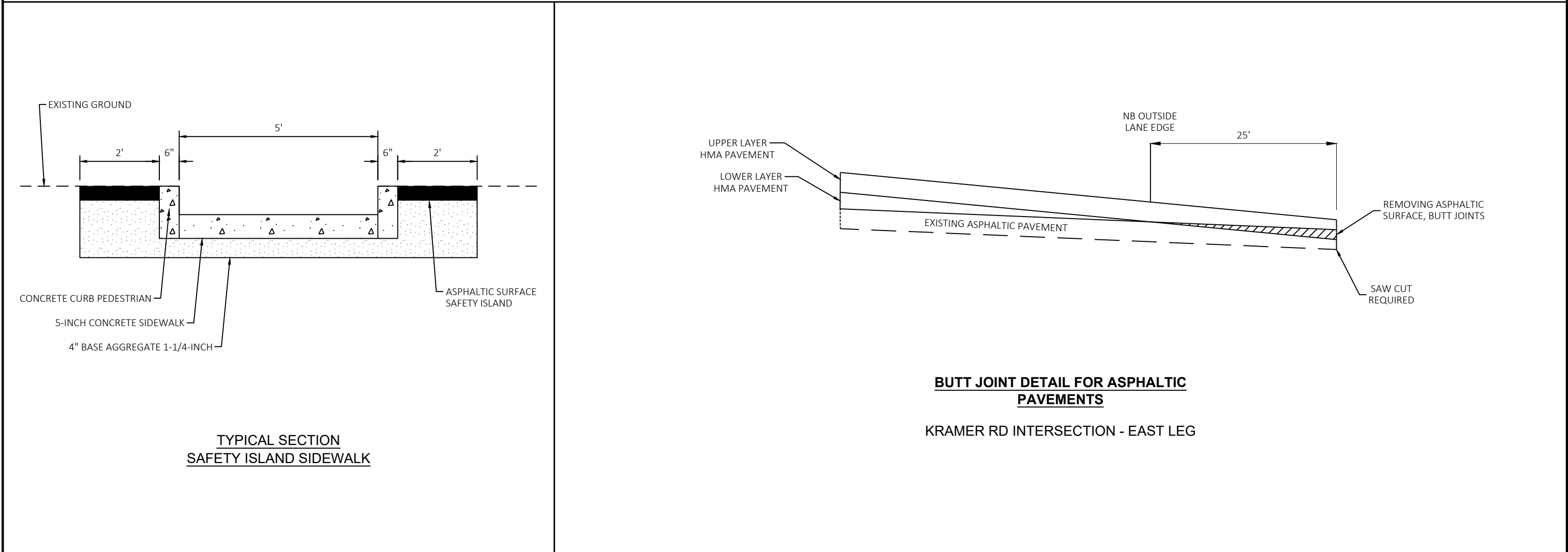
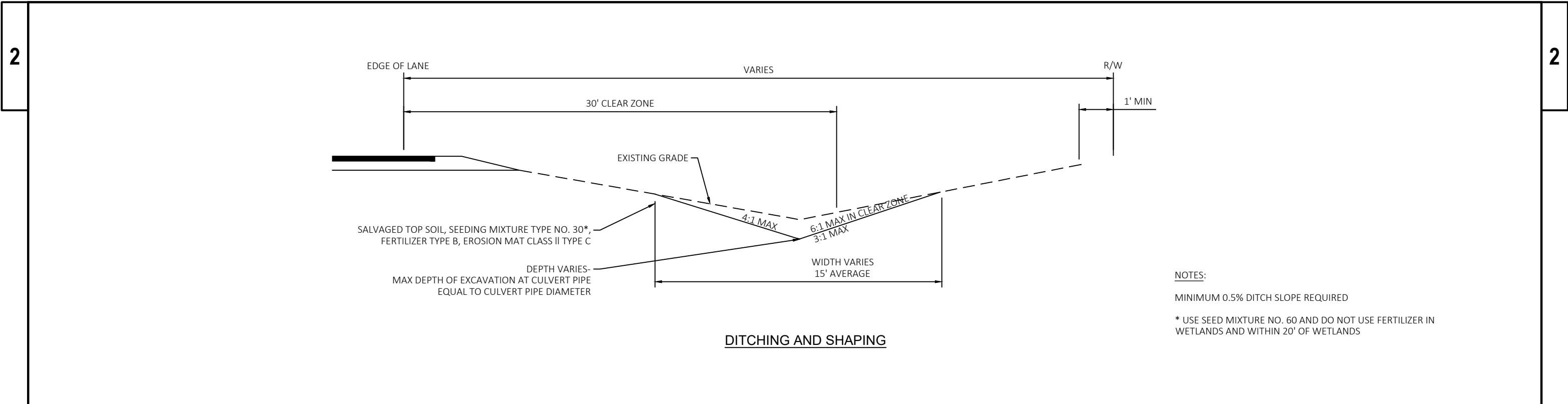
PROVIDE MONOLITHIC CONCRETE SHIMMING FOR ALL PROPOSED COVERS LOCATED IN CONCRETE PAVEMENT AND CONCRETE CURB & GUTTER.

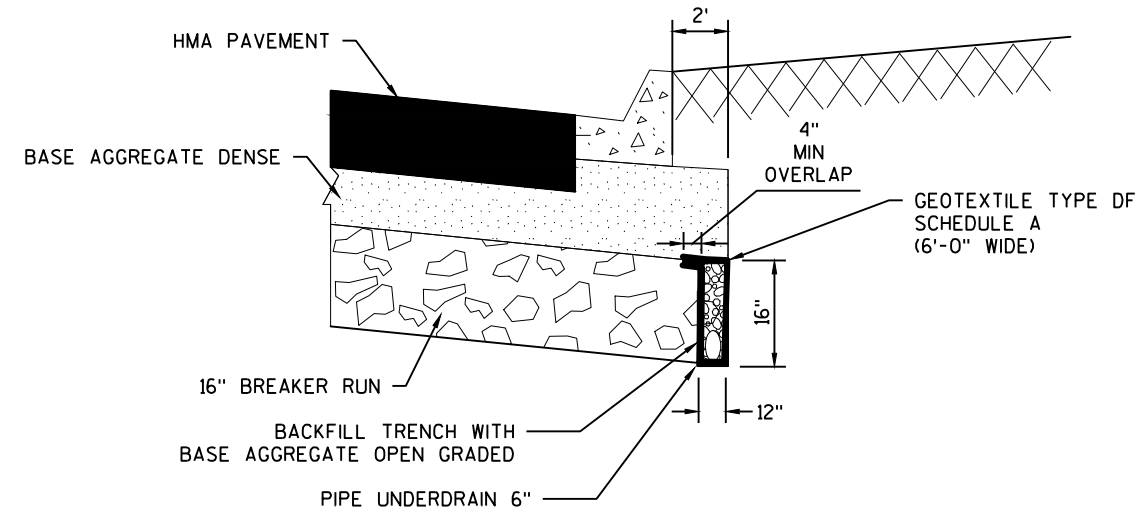
COST OF GRADE A CONCRETE AND CONCRETE BLOCK IS INCIDENTAL TO MANHOLE OR INLET BID ITEM

**COMPUTING MANHOLE ELEVATIONS****COMPUTING INLET ELEVATIONS****INLET NOT IN CURB AND GUTTER****INLET IN CURB AND GUTTER****MANHOLE NOT IN CURB AND GUTTER****MANHOLE IN CURB AND GUTTER****STRUCTURE LOCATION DETAIL****NOTE**

1) LOCATION OF STRUCTURE MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

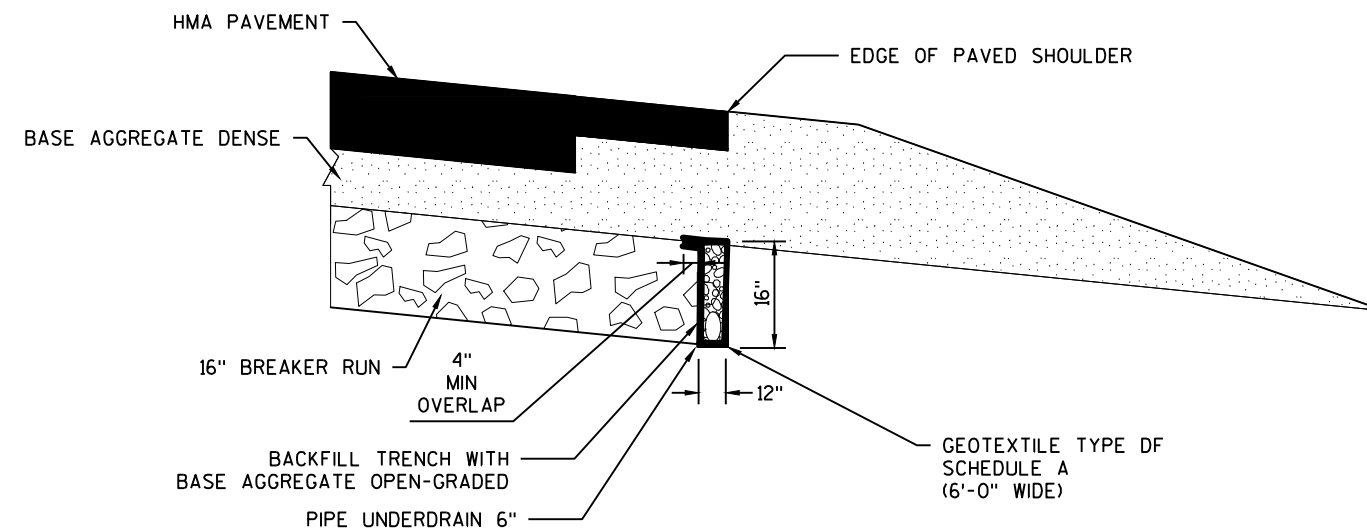
2) LOCATION OF STRUCTURE OPENING DEPENDS ON TYPE OF CASTING. CASTING TYPES ARE SHOWN ON THE STORM SEWER TABLE.





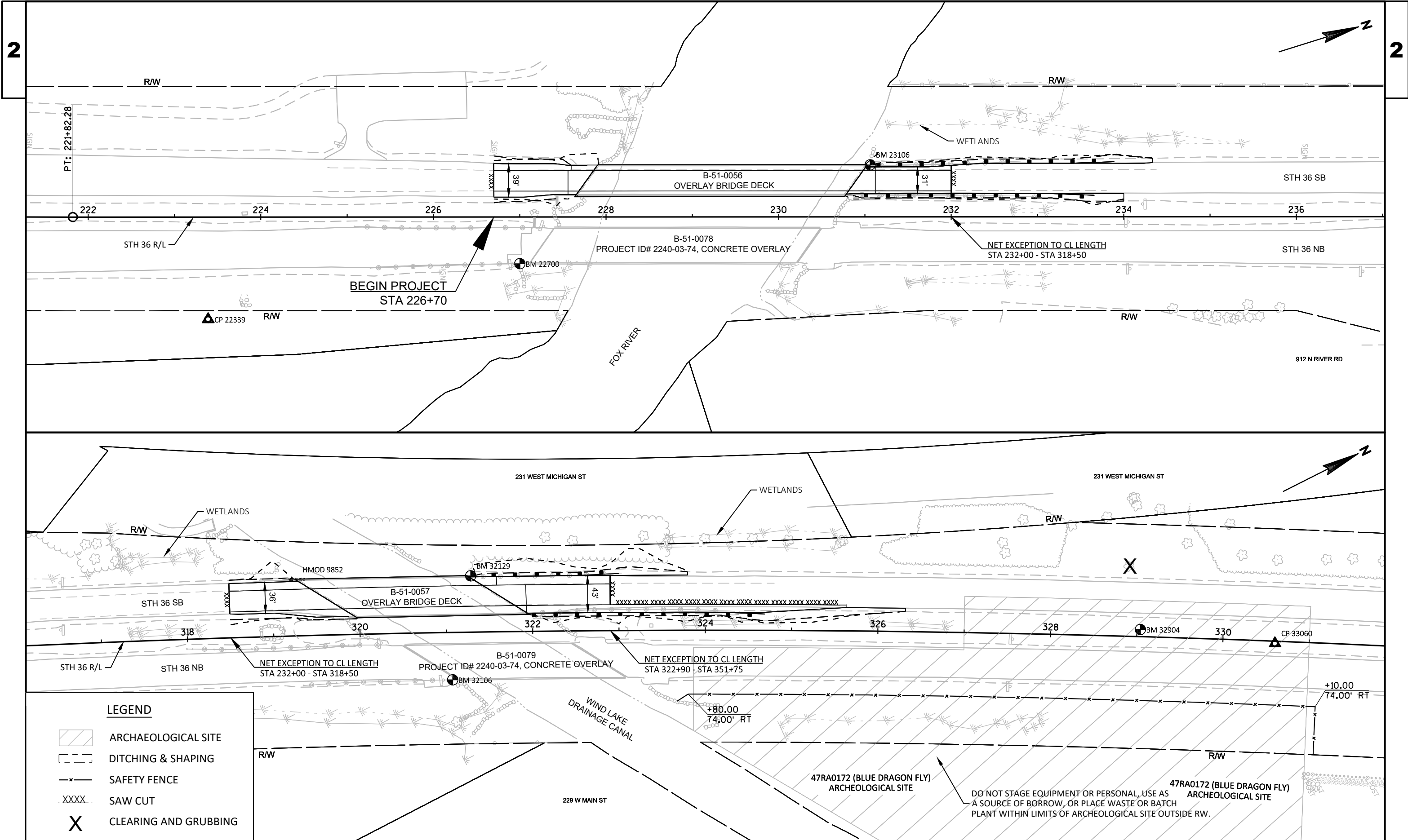
UNDERDRAIN TRENCH DETAIL – CURB

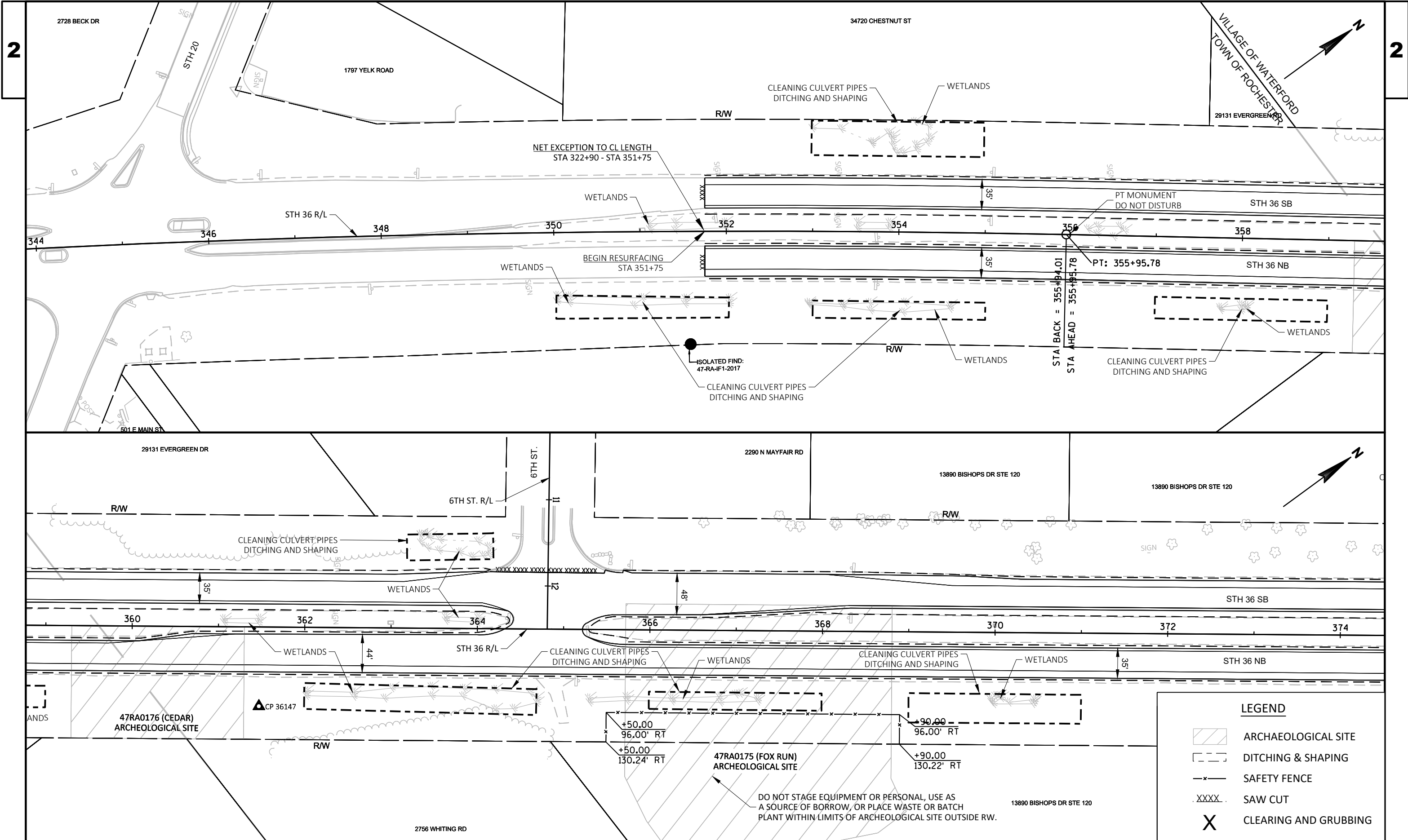
50' EACH SIDE OF PROFILE LOW POINTS
CONNECT PIPE UNDERDRAIN TO INLETS
SEE STORM SEWER PLANS AND SDD EDGEDRAIN OUTLET
AND OUTFALL MARKERS



UNDERDRAIN TRENCH DETAIL – SHOULDER

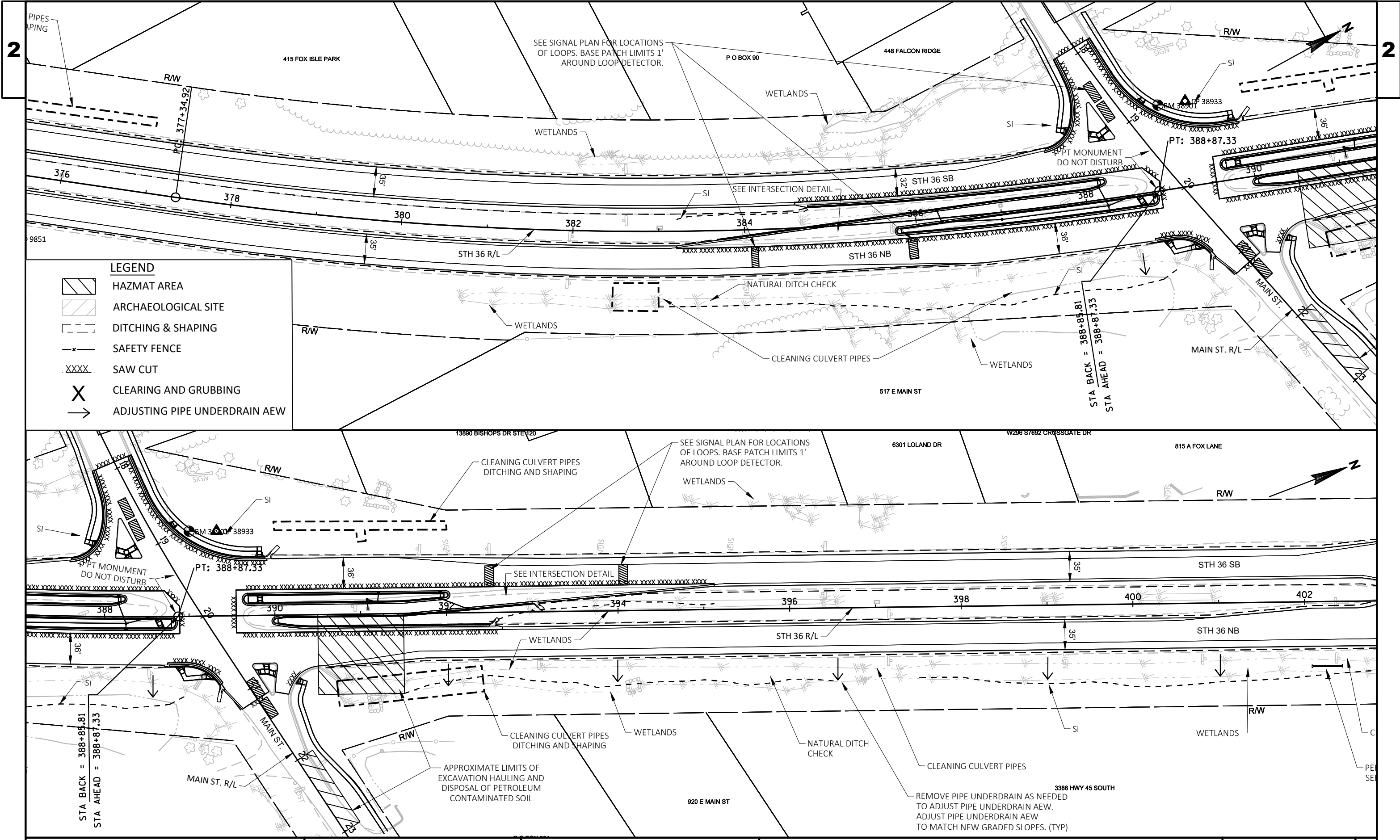
CONNECT PIPE UNDERDRAIN TO INLETS
SEE STORM SEWER PLANS AND SDD EDGEDRAIN OUTLET
AND OUTFALL MARKERS

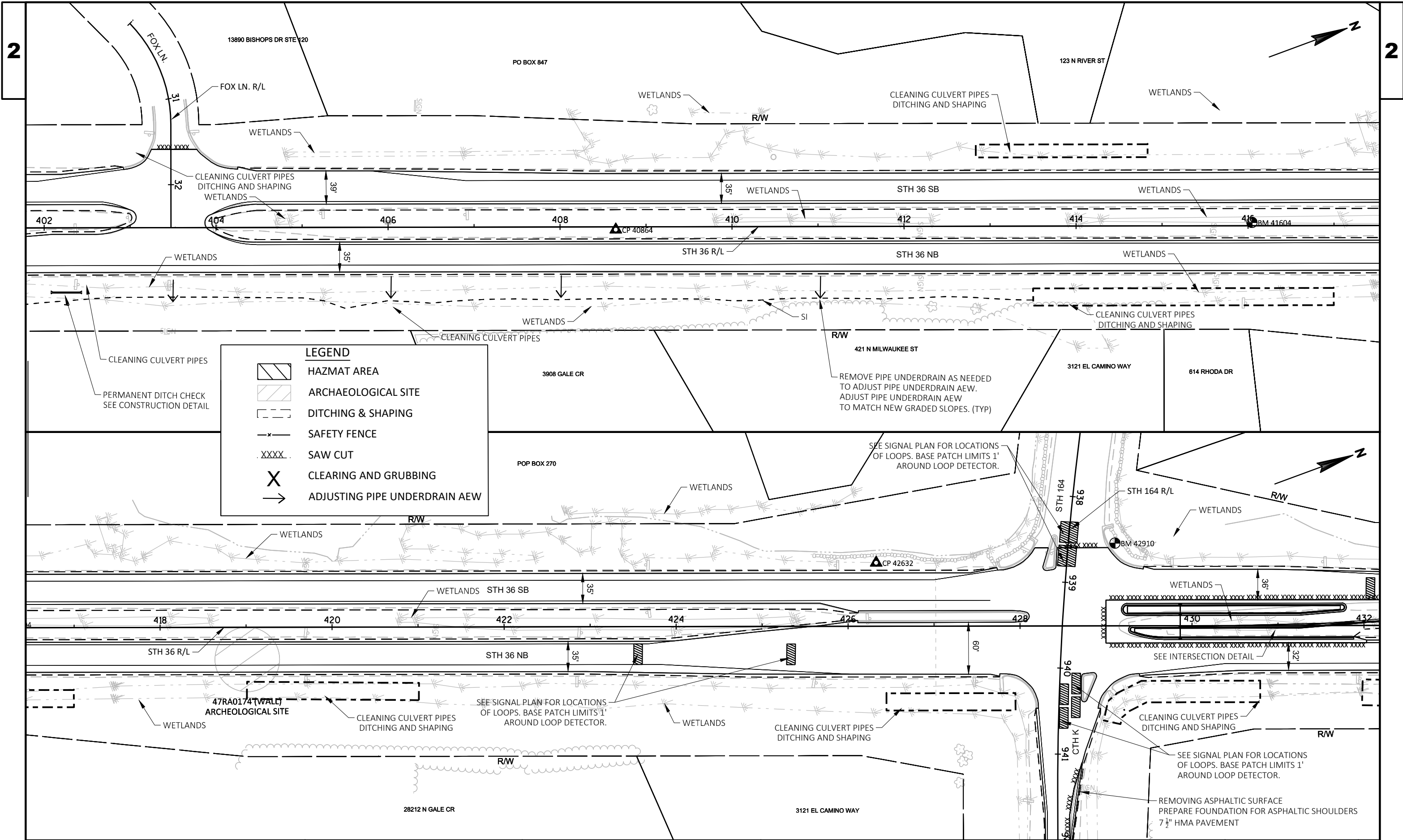


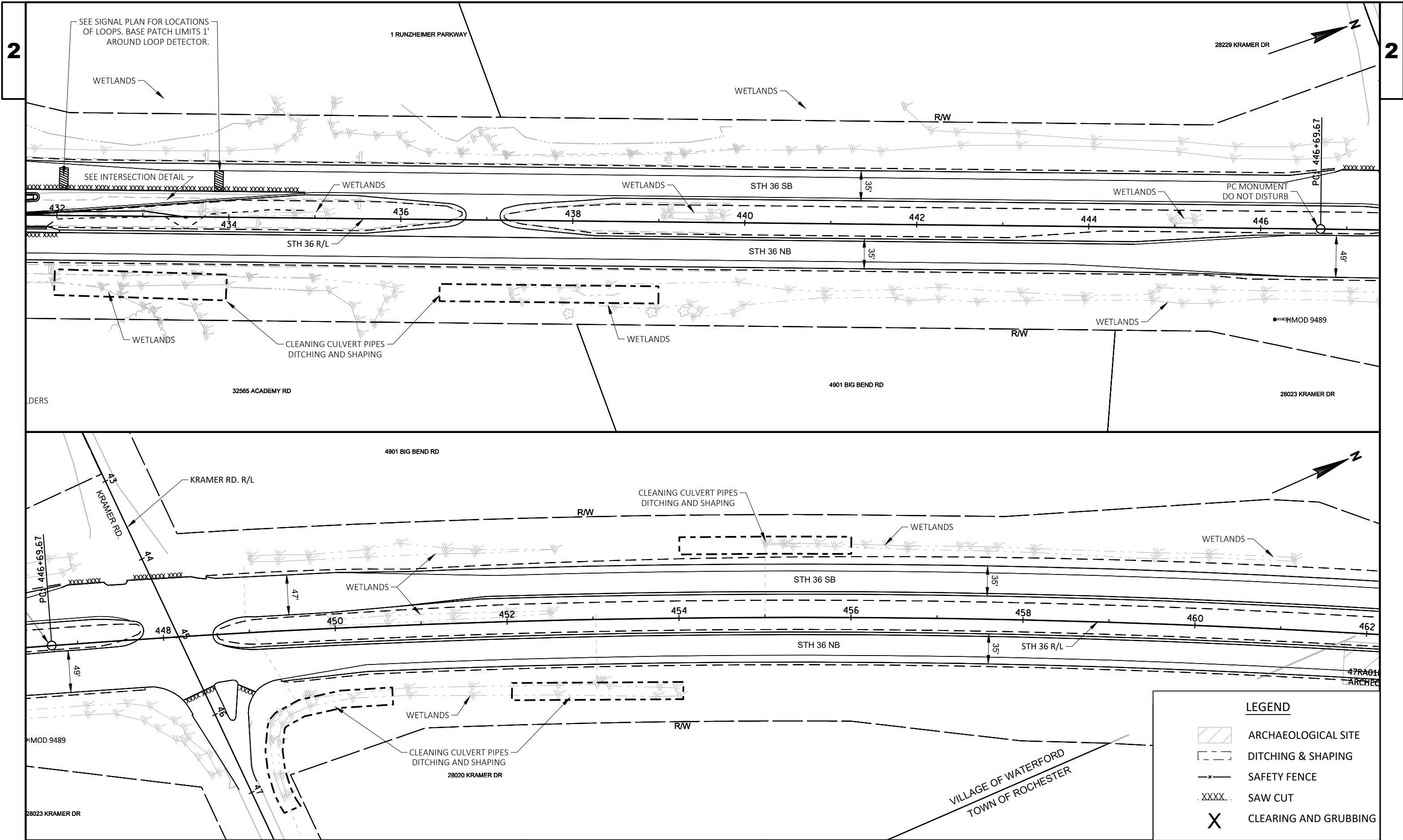


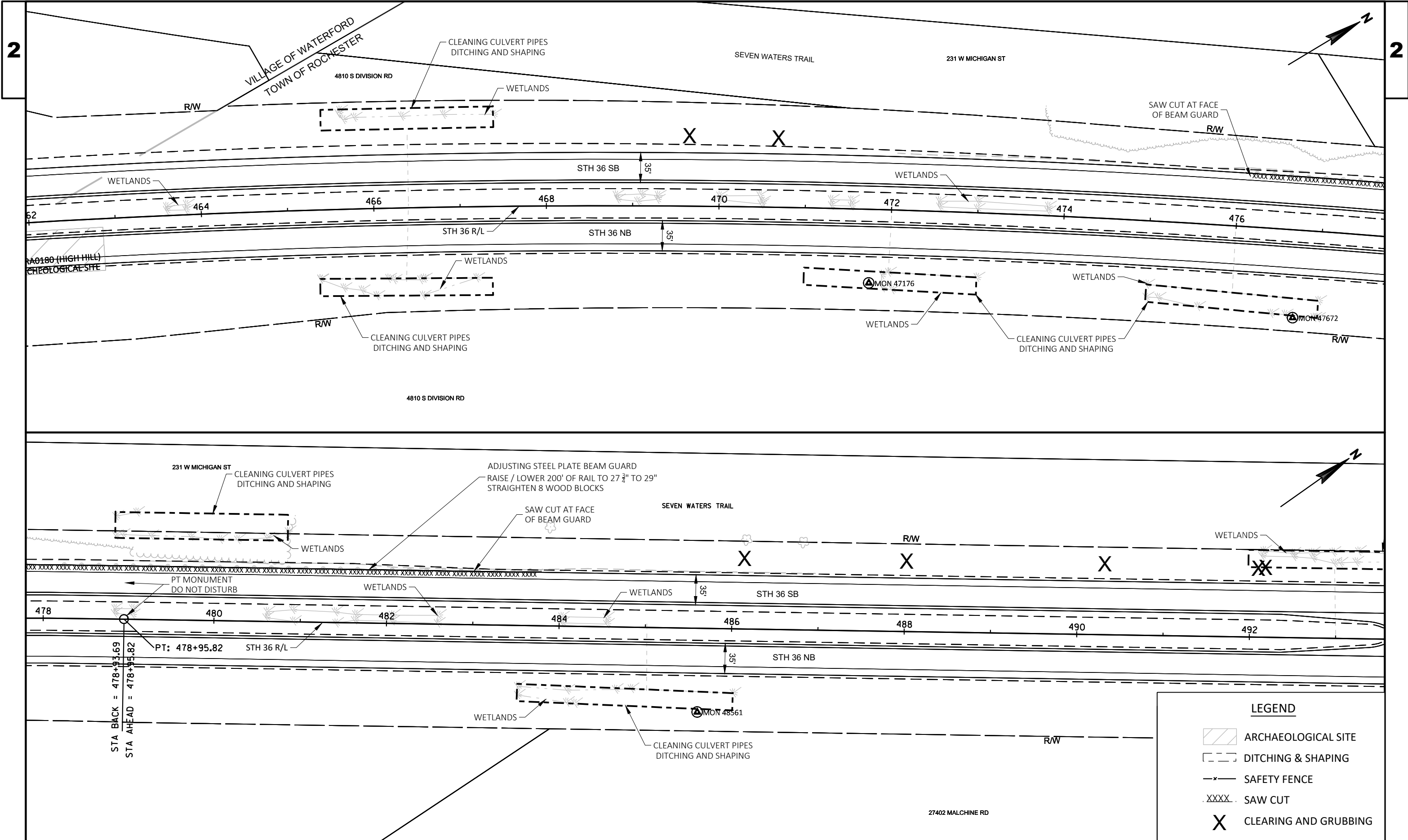
LEGEND

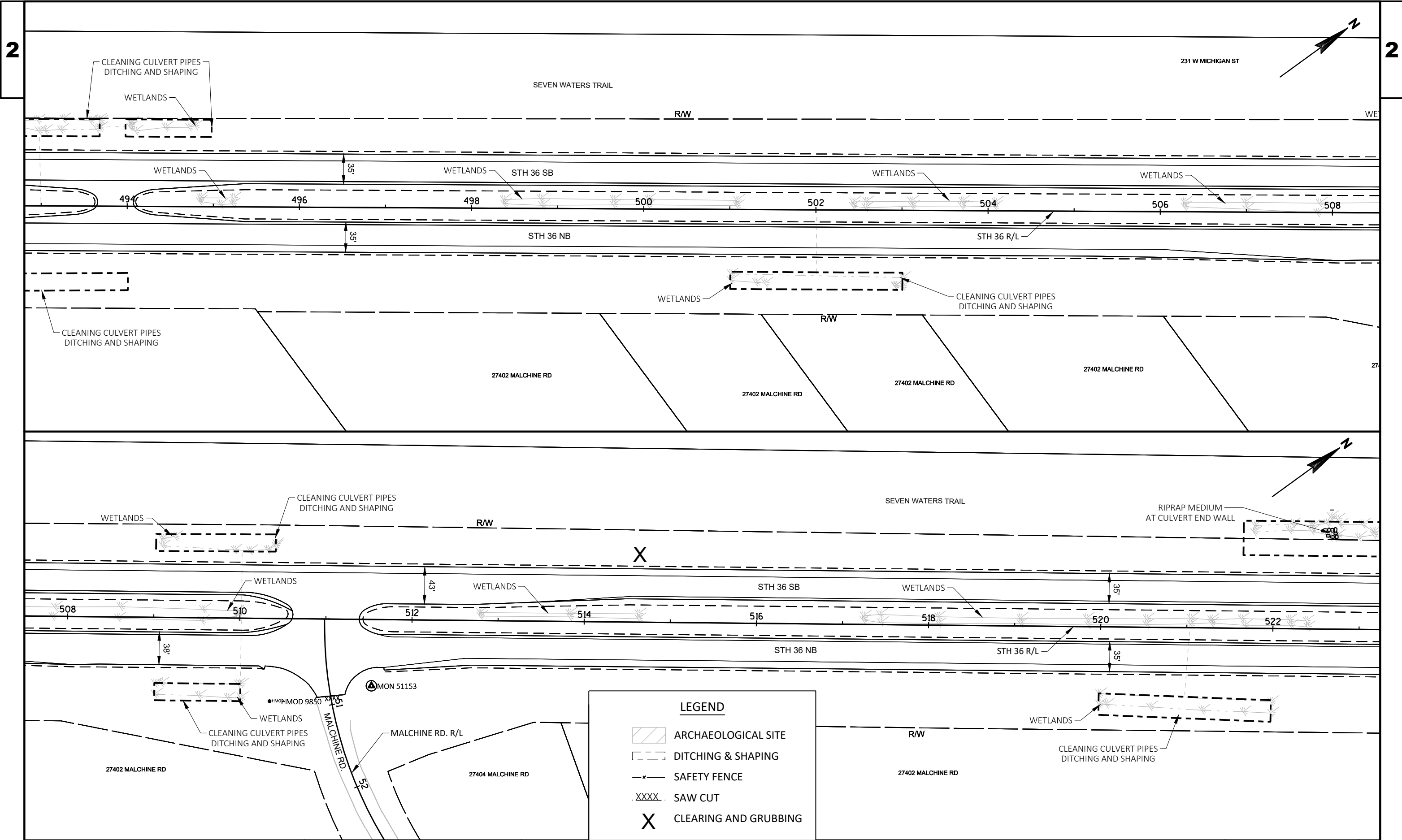
- ARCHAEOLOGICAL SITE
- DITCHING & SHAPING
- SAFETY FENCE
- SAW CUT
- CLEARING AND GRUBBING

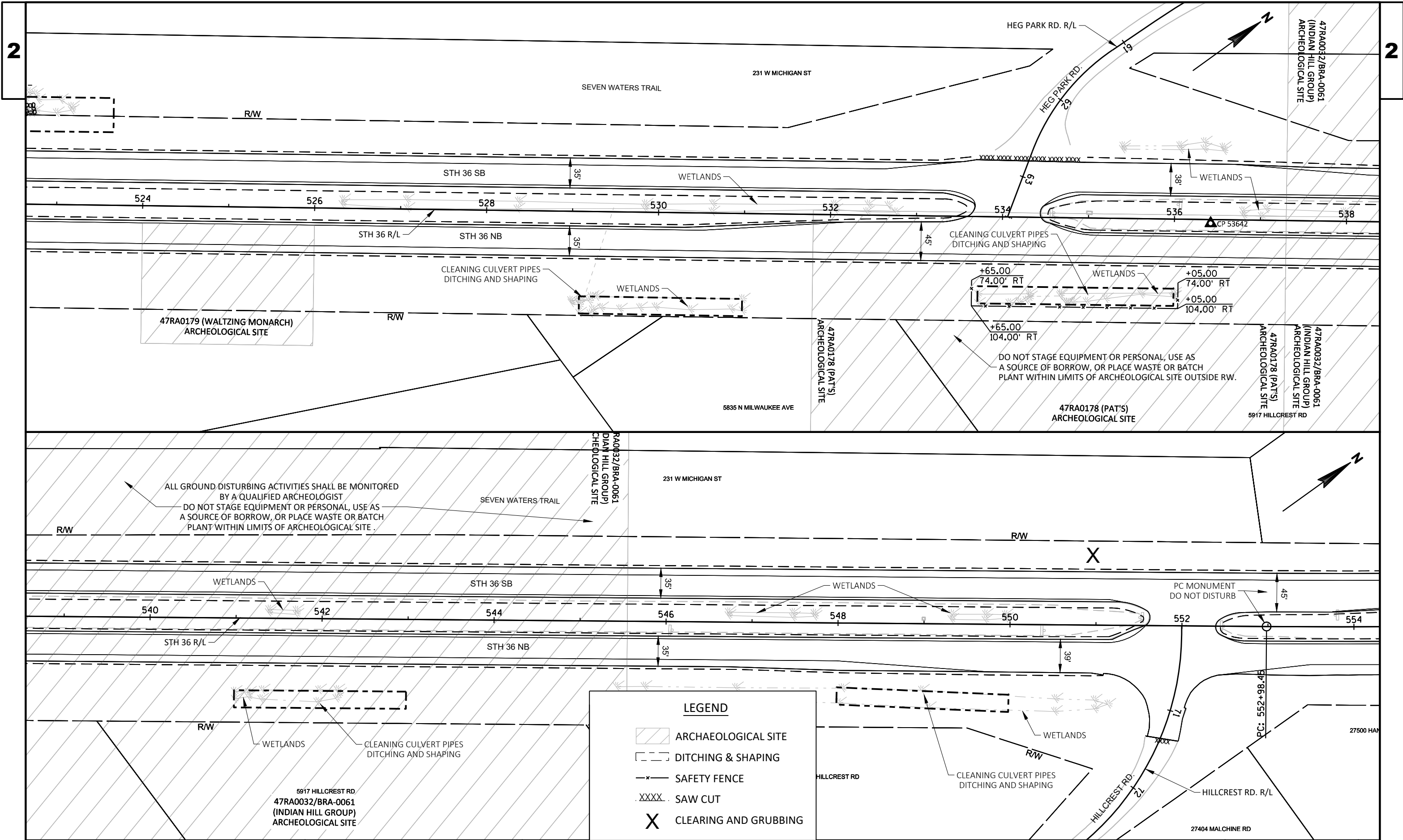


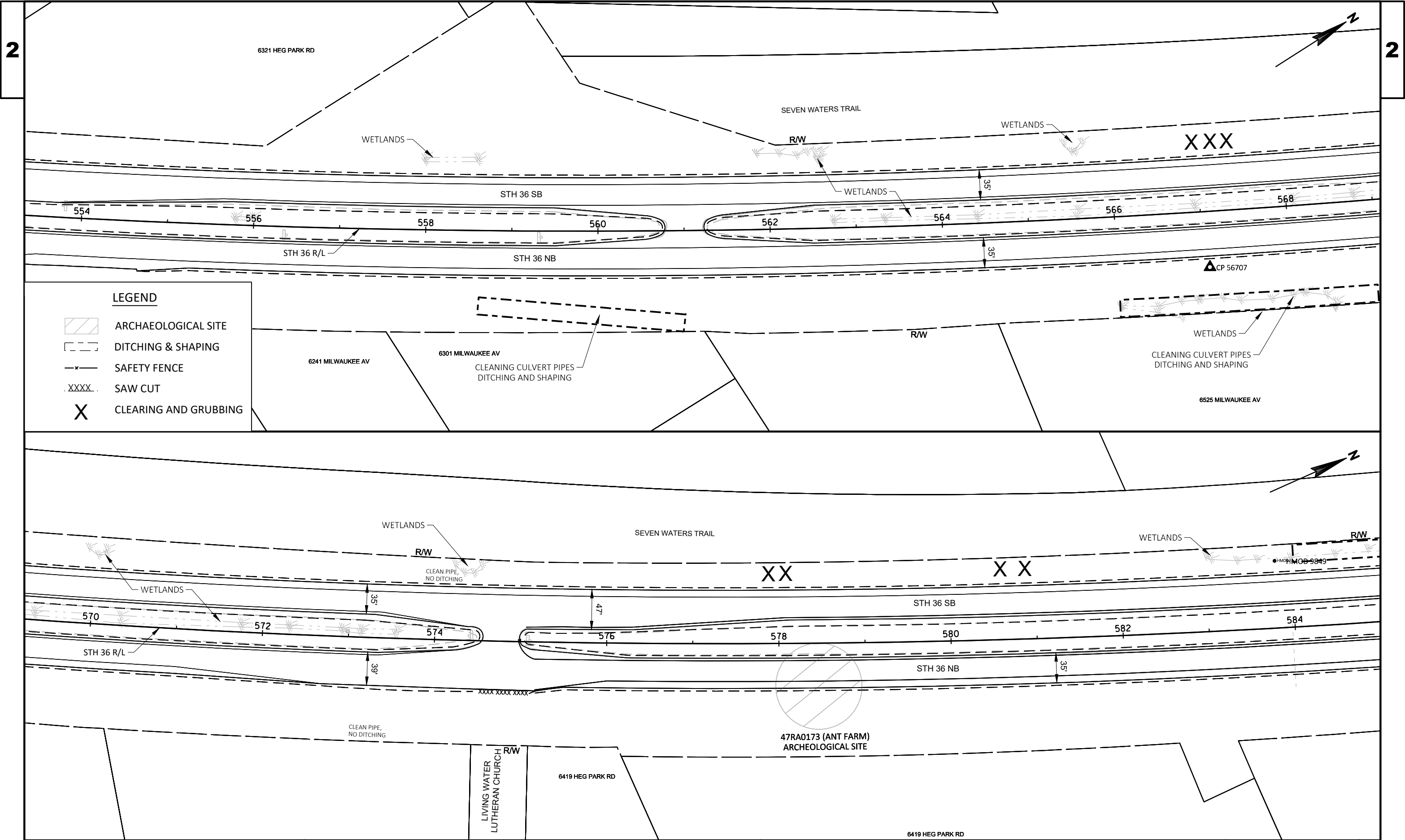


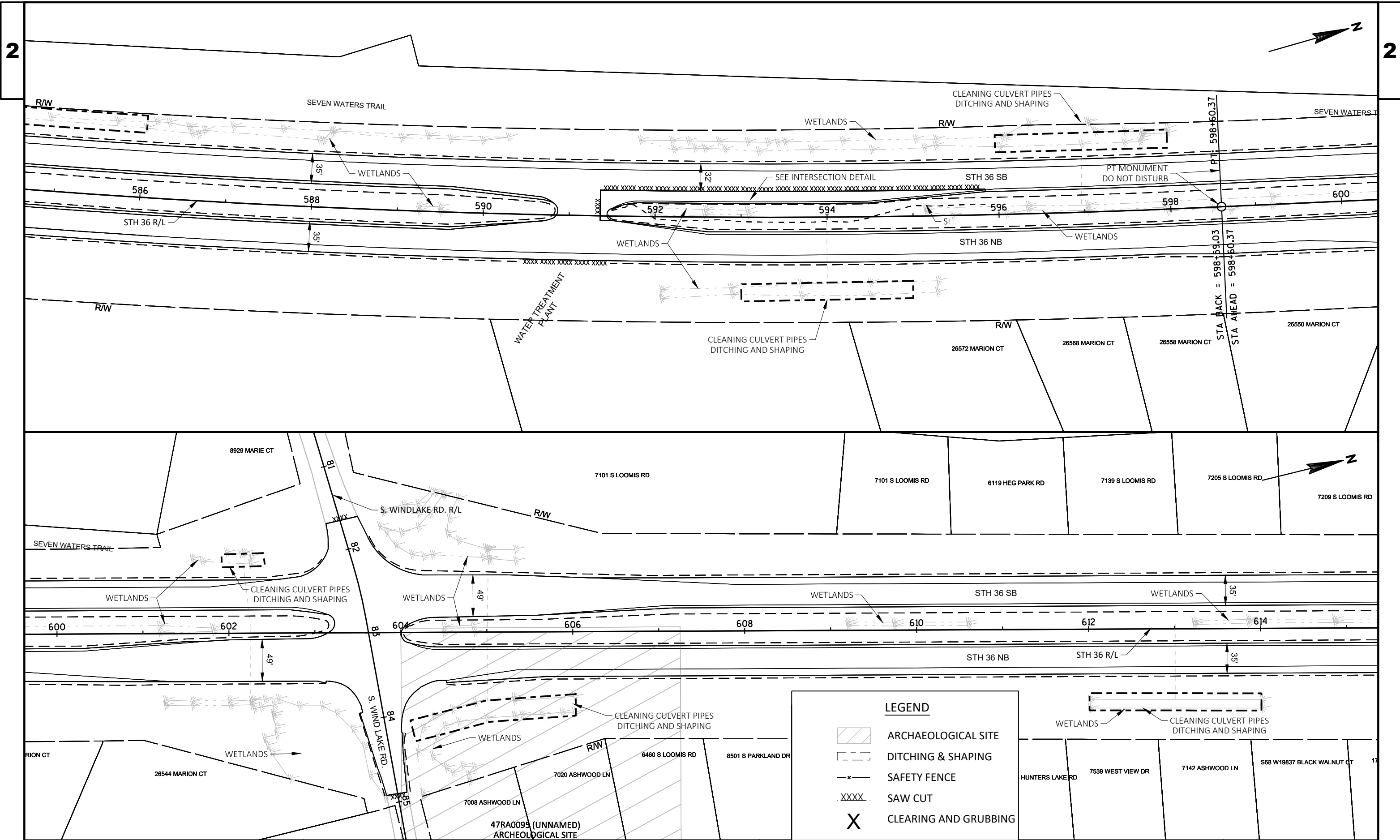












PROJECT NO:2240-00-77

HWY:STH 36

COUNTY:RACINE

PLAN DETAILS

SHEET

PRE_30

E

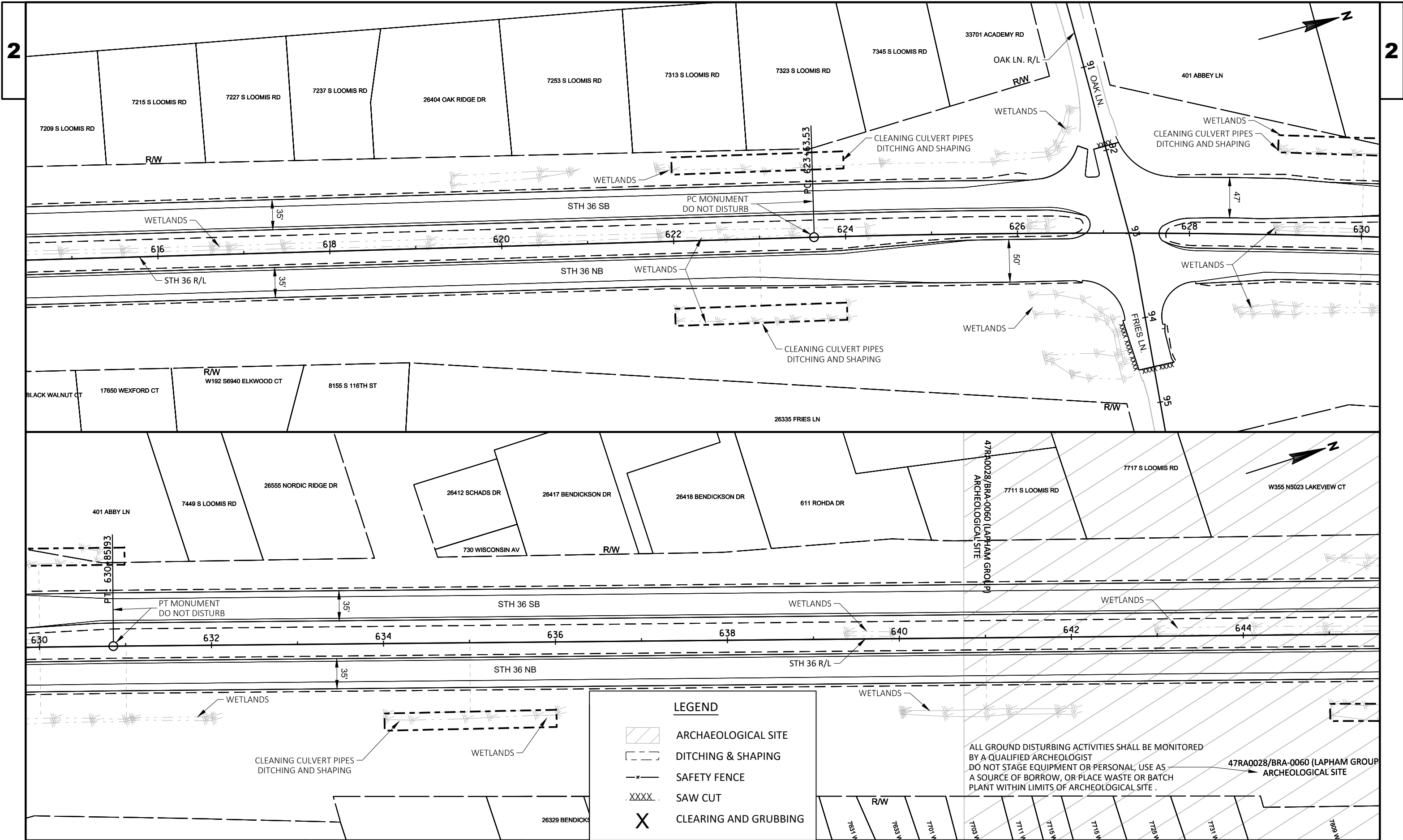
FILE NAME : N:\PDS\C3D\22400007\SHEETPLAN\021201-PD.DWG
LAYOUT NAME - 10

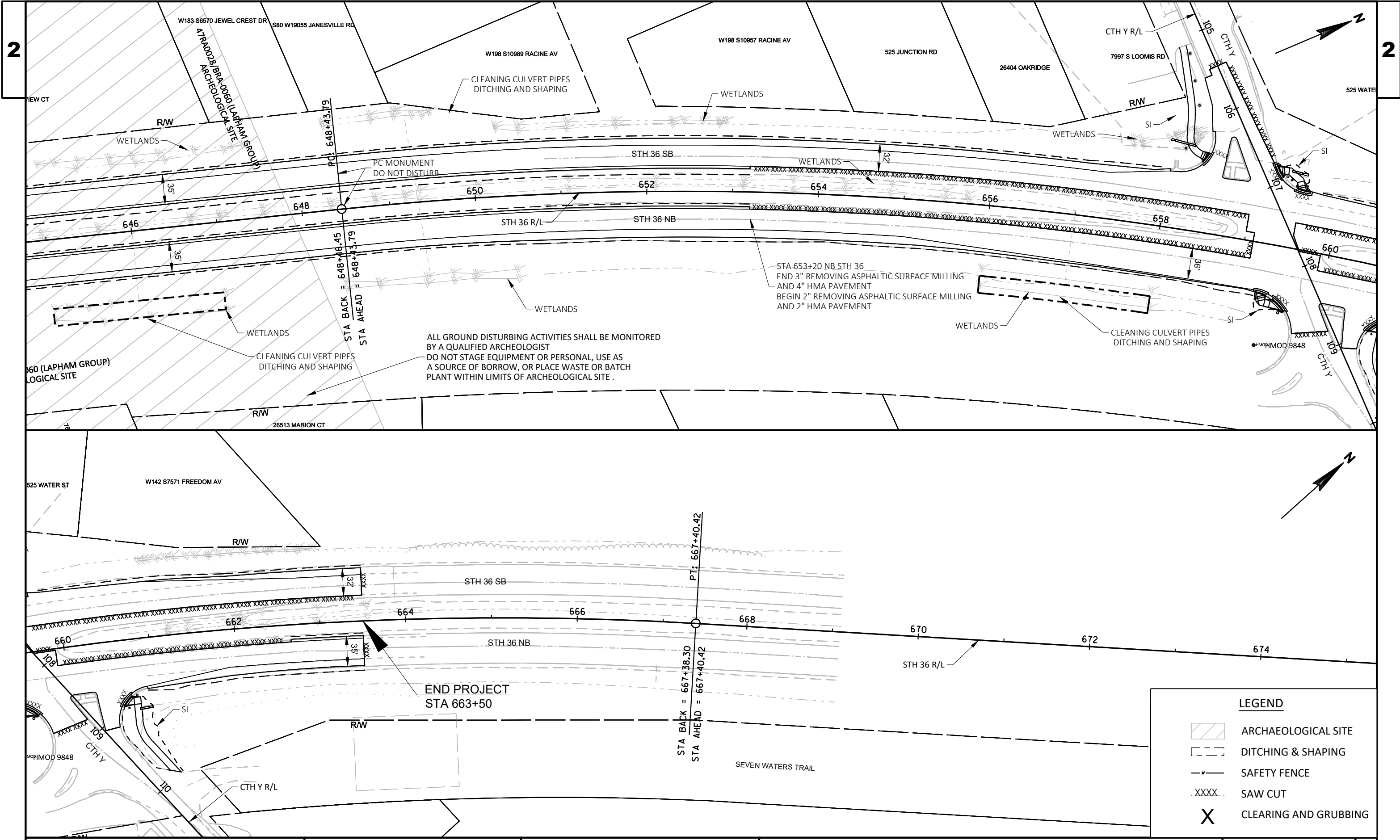
PLOT DATE : 1/16/2020 10:34 AM

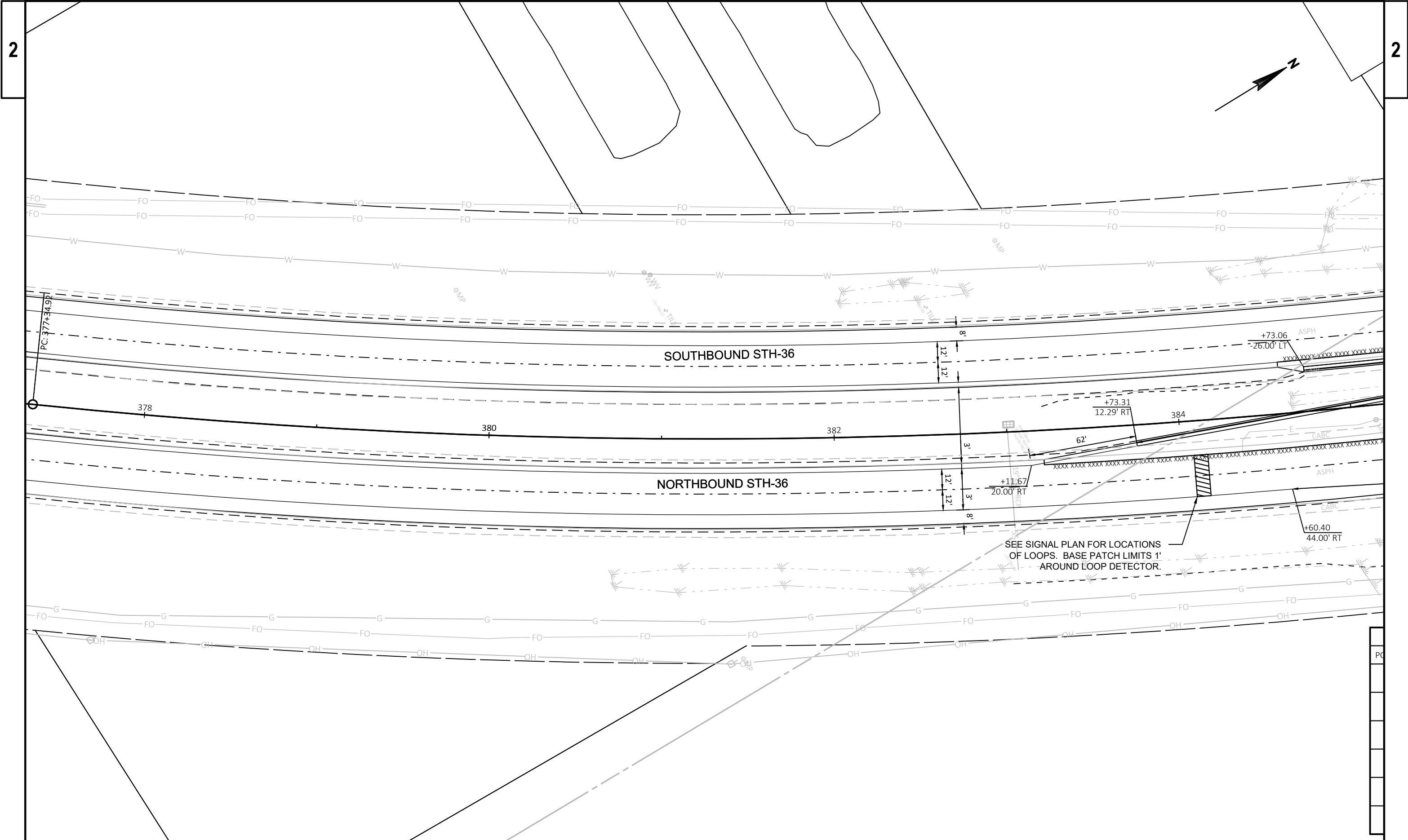
PLOT BY : GUENETTE, JEFFREY J PLOT NAME :

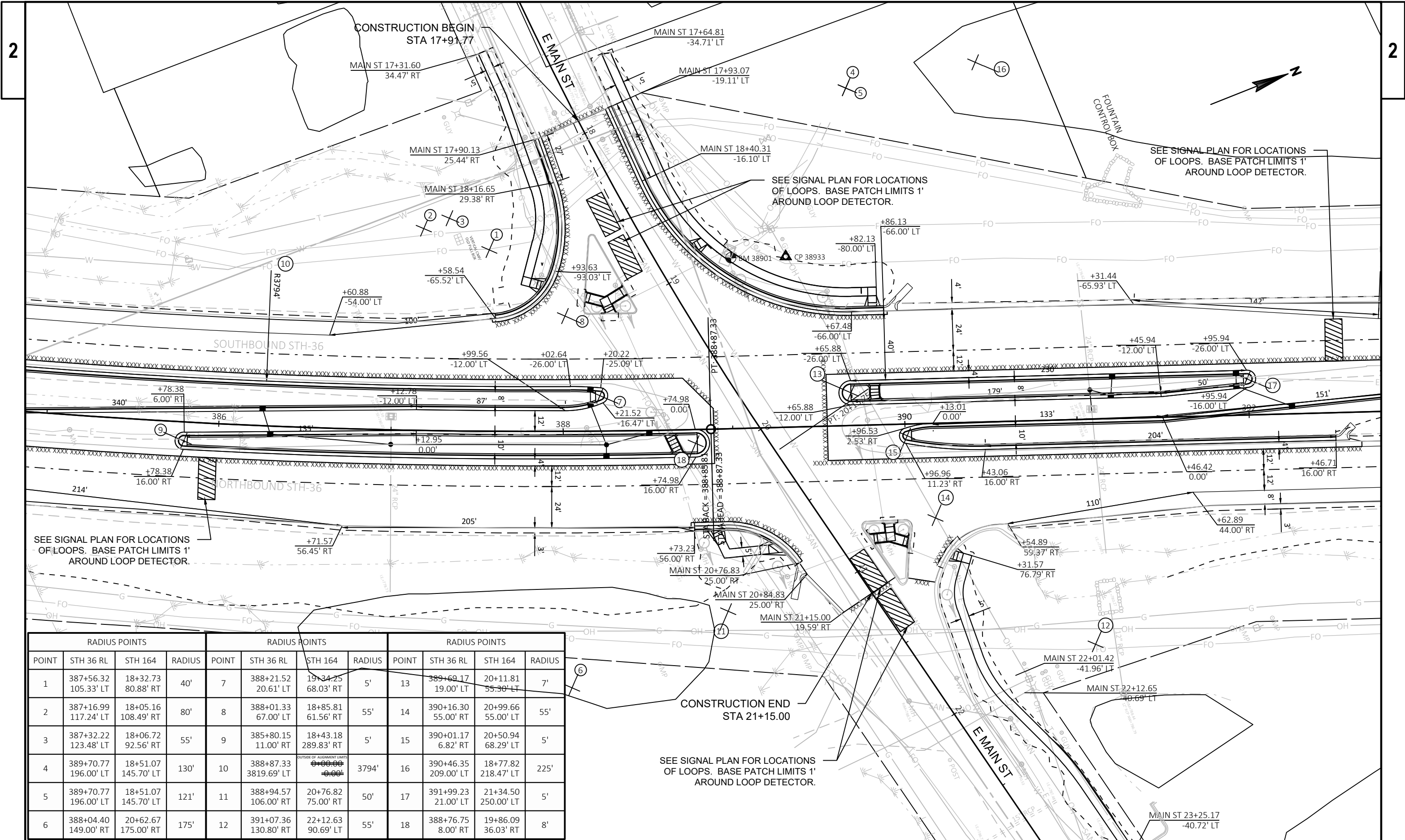
PLOT SCALE : 1 IN:100 FT

WISDOT/CADS SHEET 44

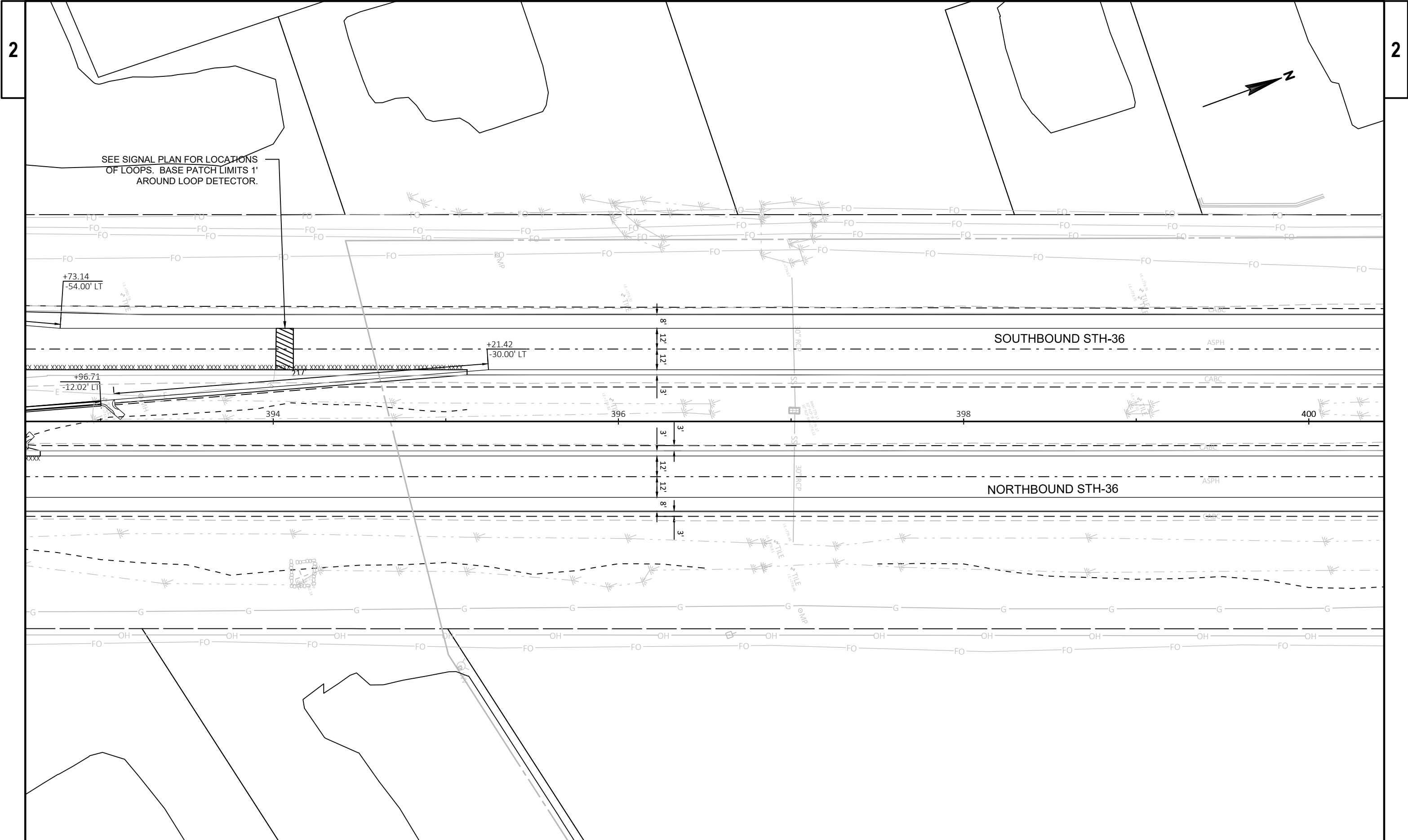


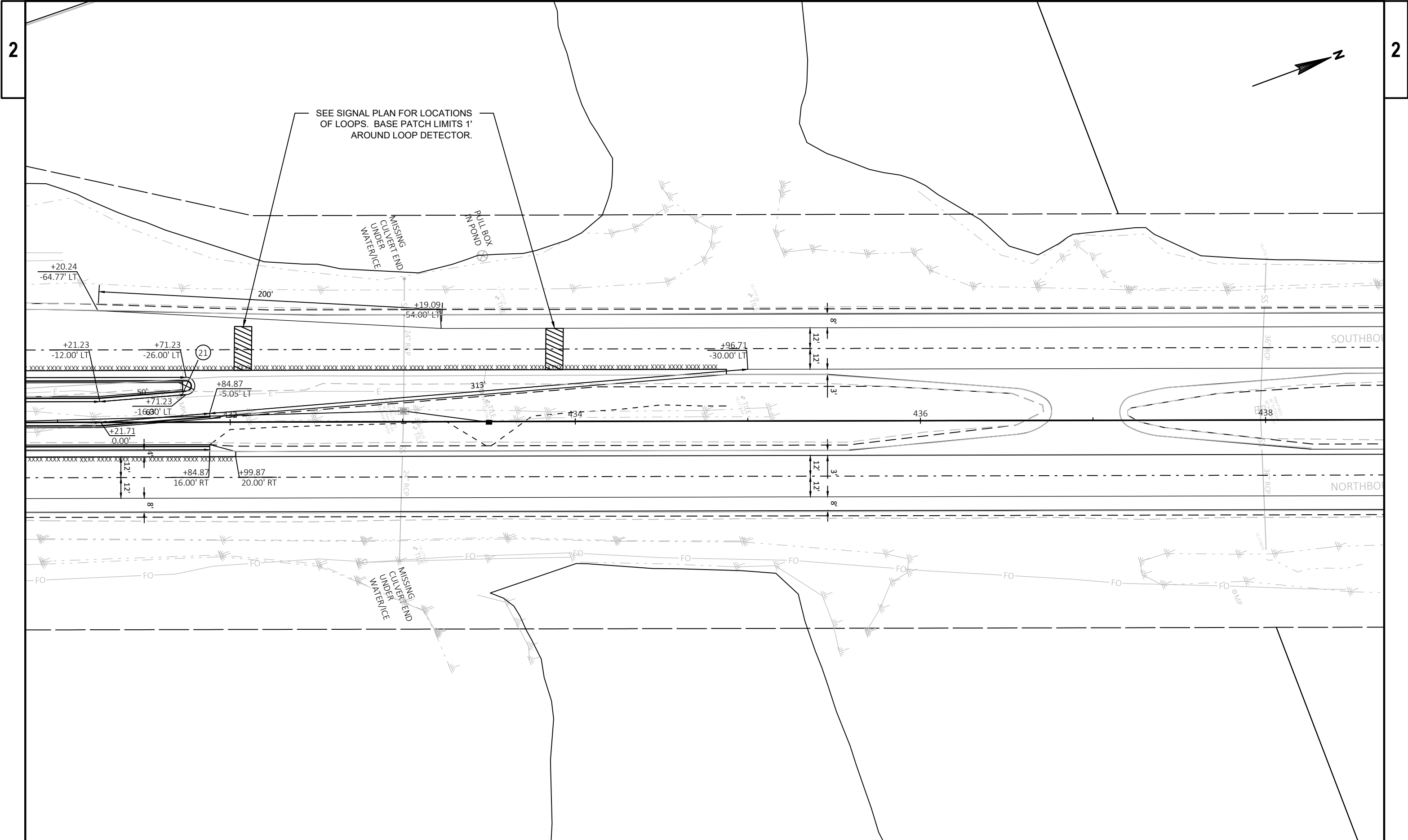


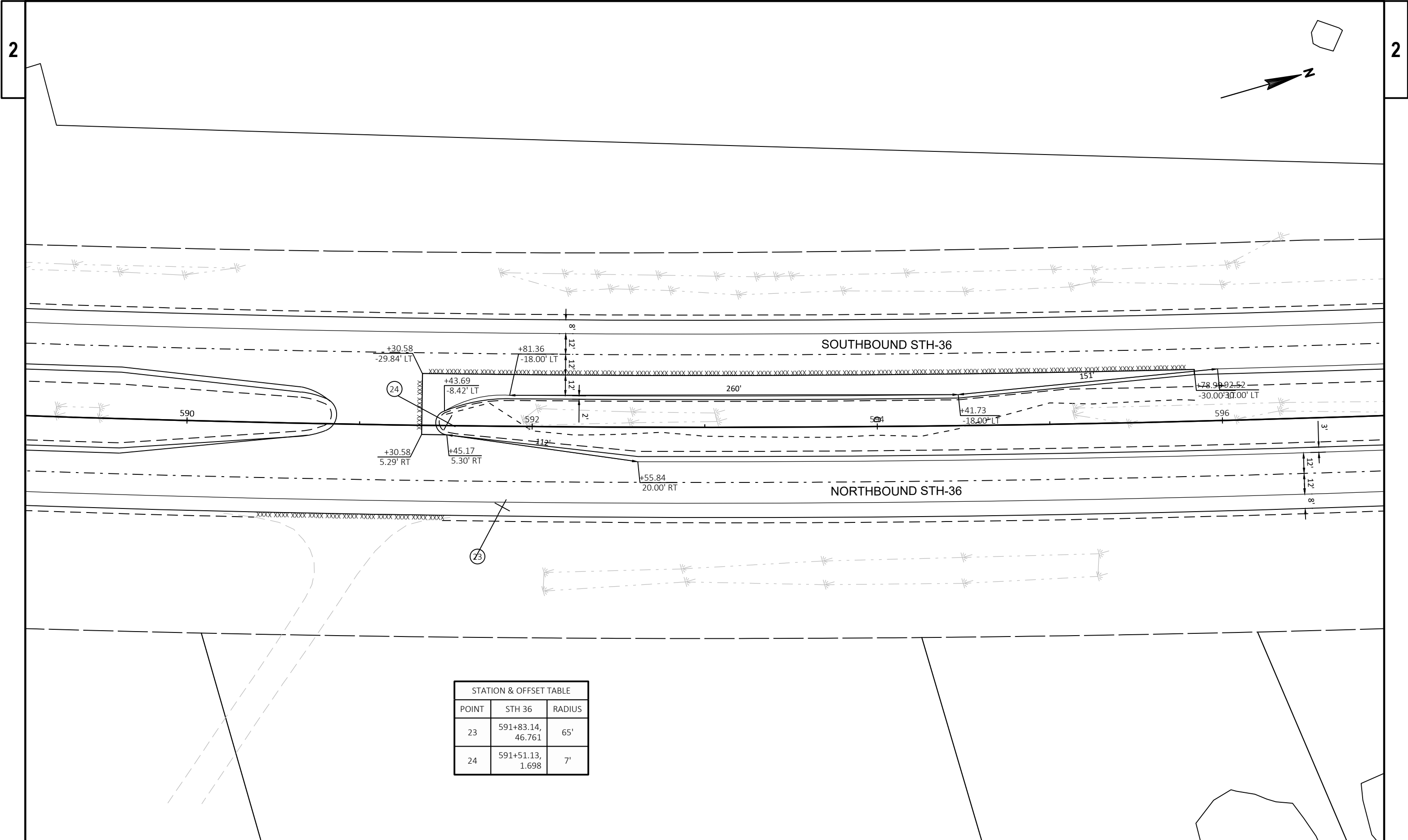




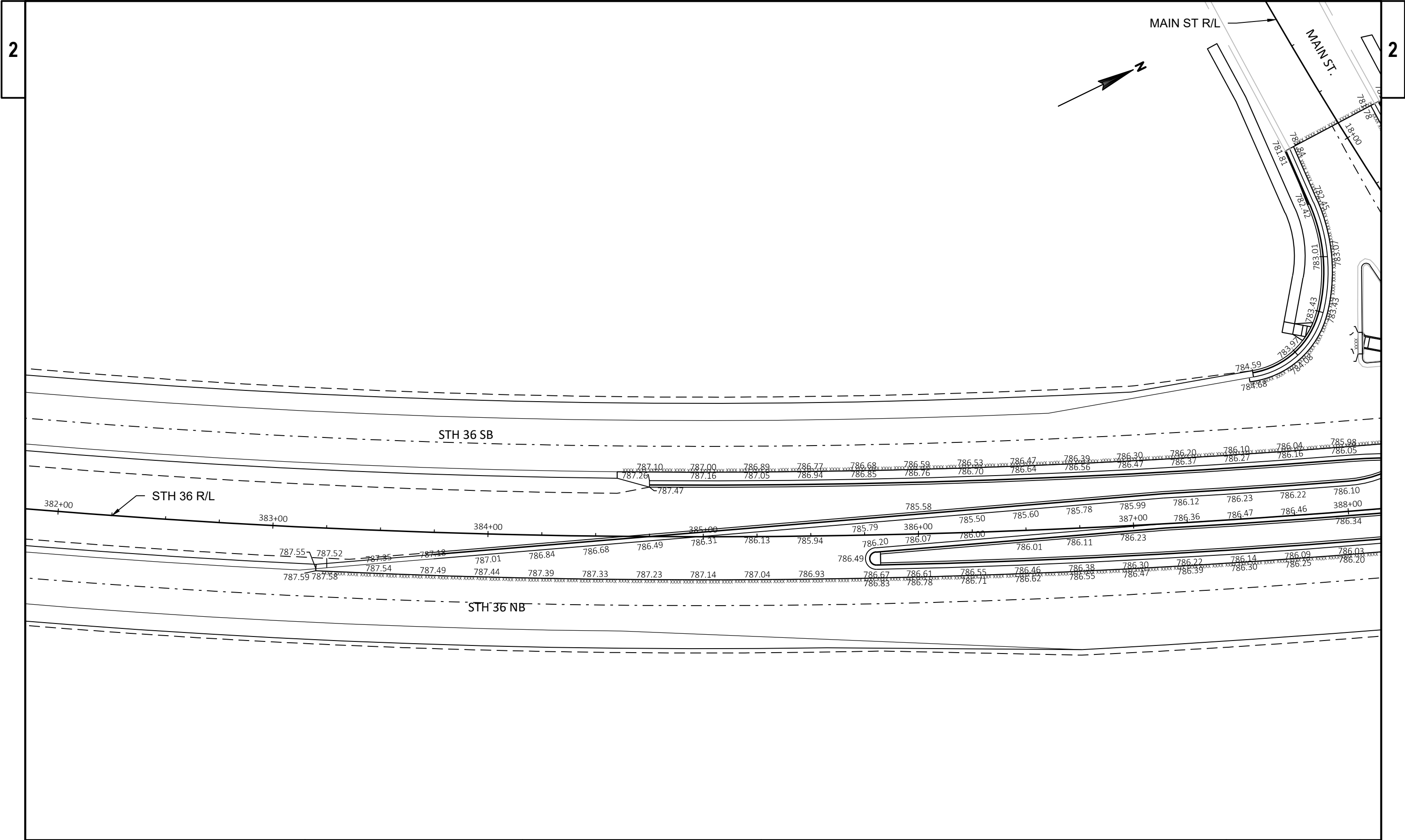
RADIUS POINTS				RADIUS POINTS				RADIUS POINTS			
POINT	STH 36 RL	STH 164	RADIUS	POINT	STH 36 RL	STH 164	RADIUS	POINT	STH 36 RL	STH 164	RADIUS
1	387+56.32 105.33' LT	18+32.73 80.88' RT	40'	7	388+21.52 20.61' LT	19+34.25 68.03' RT	5'	13	389+69.17 19.00' LT	20+11.81 55.30' LT	7'
2	387+16.99 117.24' LT	18+05.16 108.49' RT	80'	8	388+01.33 67.00' LT	18+85.81 61.56' RT	55'	14	390+16.30 55.00' RT	20+99.66 55.00' LT	55'
3	387+32.22 123.48' LT	18+06.72 92.56' RT	55'	9	385+80.15 11.00' RT	18+43.18 289.83' RT	5'	15	390+01.17 6.82' RT	20+50.94 68.29' LT	5'
4	389+70.77 196.00' LT	18+51.07 145.70' LT	130'	10	388+87.33 3819.69' LT	OUTSIDE OF ALIGNMENT LIMITS 0+00.00 0+00.00	3794'	16	390+46.35 209.00' LT	18+77.82 218.47' LT	225'
5	389+70.77 196.00' LT	18+51.07 145.70' LT	121'	11	388+94.57 106.00' RT	20+76.82 75.00' RT	50'	17	391+99.23 21.00' LT	21+34.50 250.00' LT	5'
6	388+04.40 149.00' RT	20+62.67 175.00' RT	175'	12	391+07.36 130.80' RT	22+12.63 90.69' LT	55'	18	388+76.75 8.00' RT	19+86.09 36.03' RT	8'

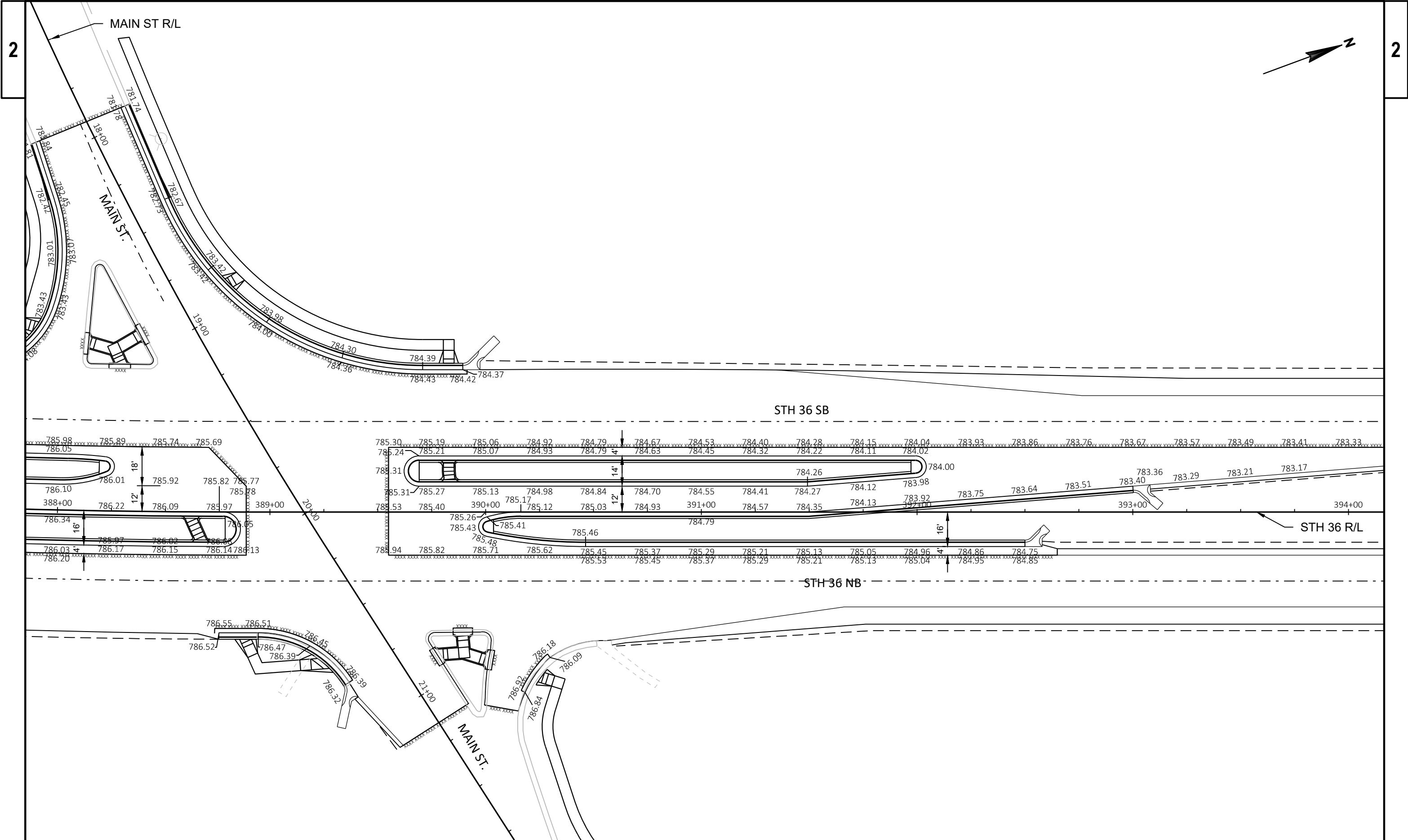


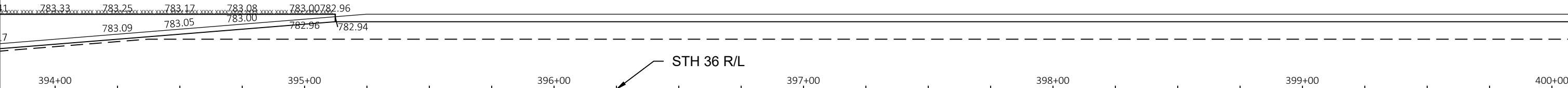


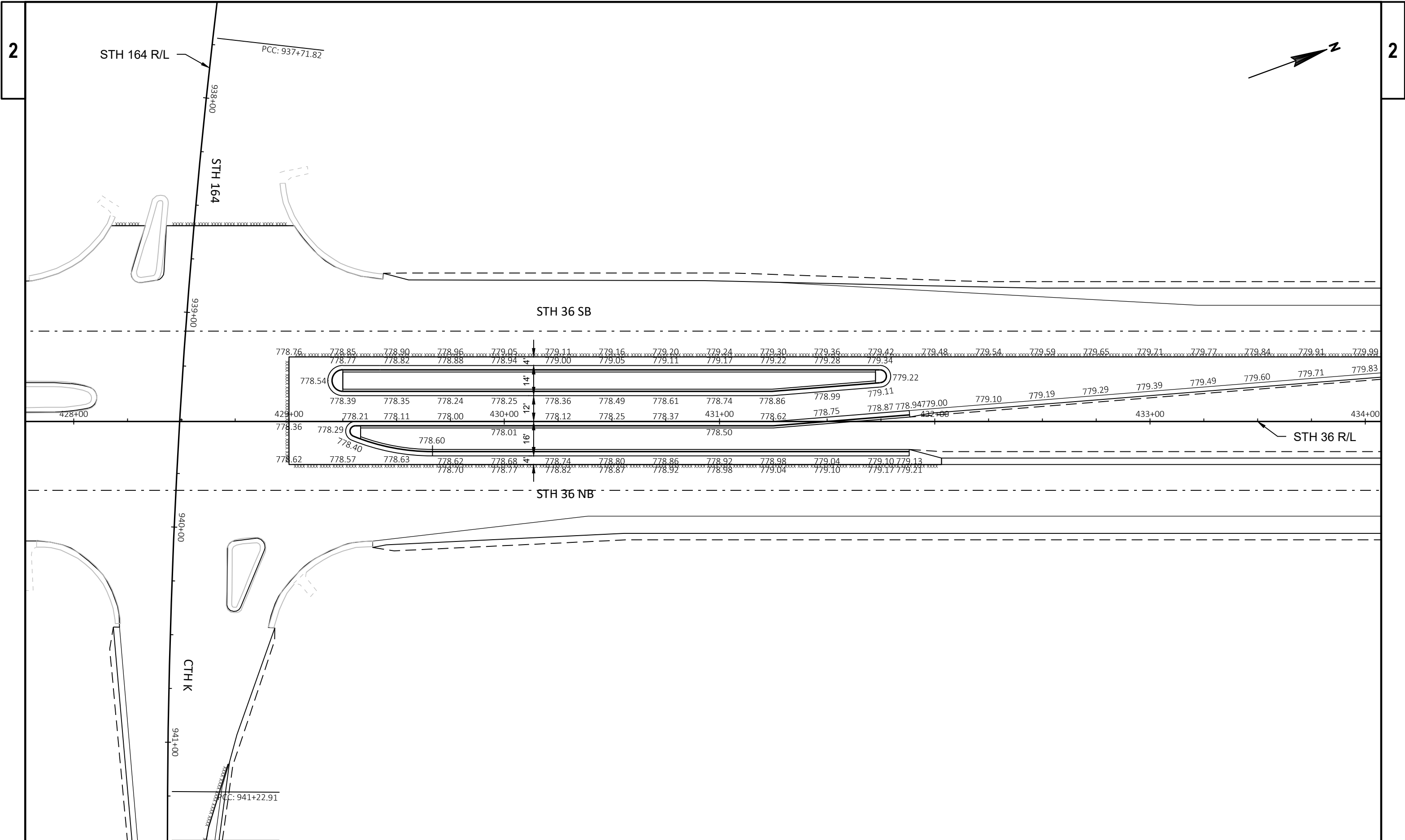


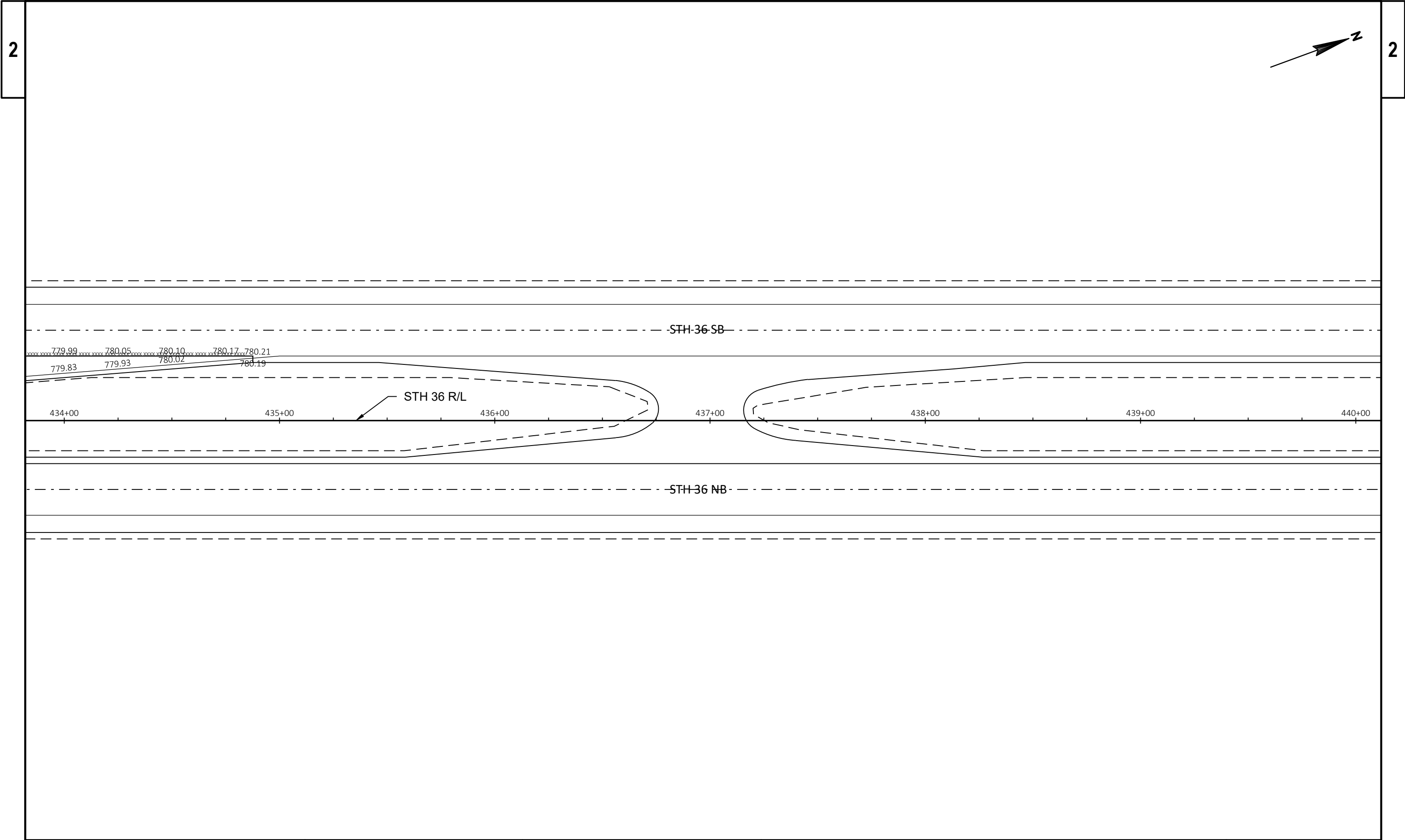
STATION & OFFSET TABLE		
POINT	STH 36	RADIUS
23	591+83.14, 46.761	65'
24	591+51.13, 1.698	7'

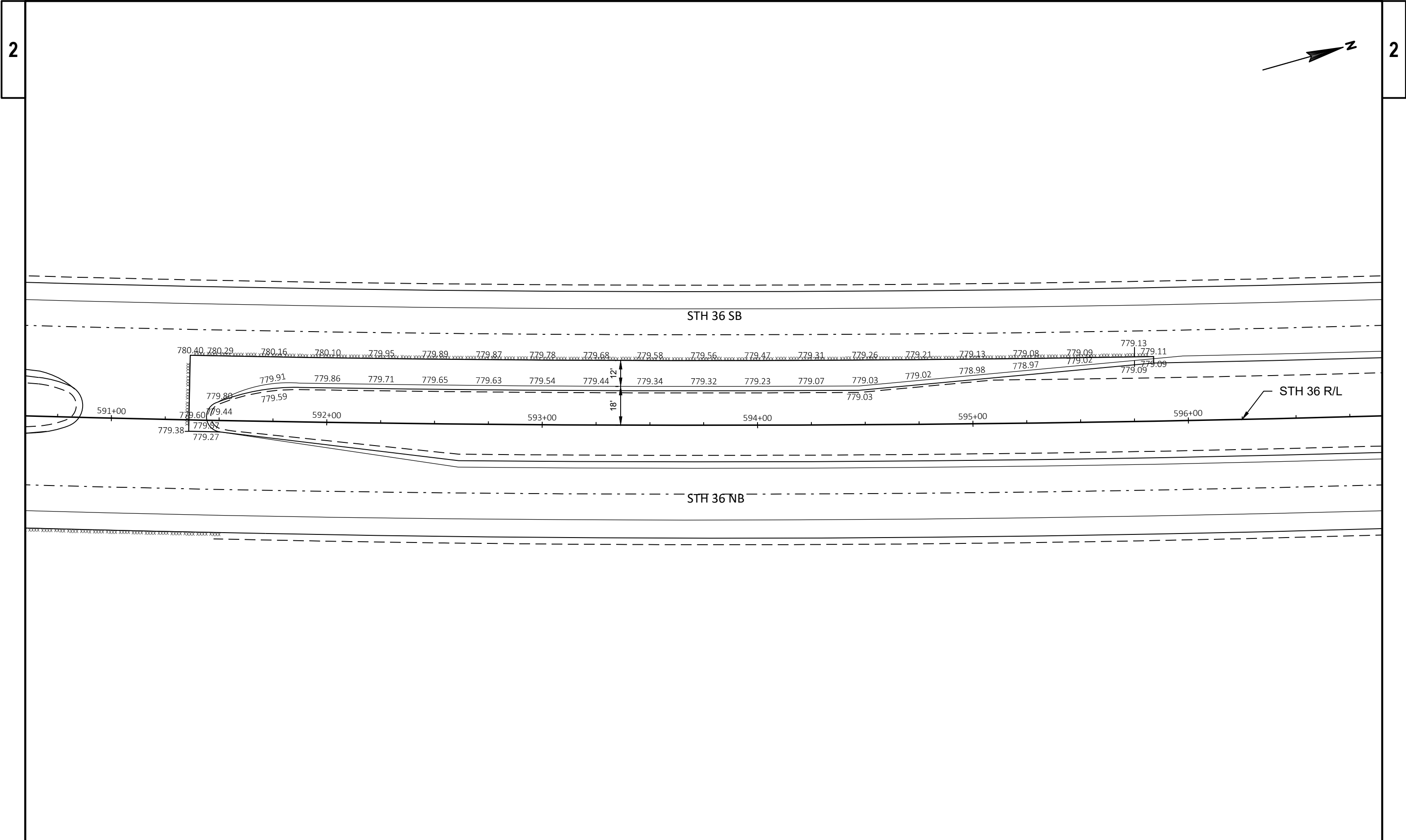












6.25% GUTTER FLAG SLOPE

REMOVING ASPHALTIC SURFACE
4" ASPHALTIC SURFACE
2" HMA PAVEMENT

PC: 1+11.2

PCC: 1+63.67

STATION & OFFSET TABLE

POINT	STATION	OFFSET	ELEVATION
139	18+63.38	61.94 RT	783.52
141	18+65.64	66.70 RT	783.65
153	18+62.32	60.20 RT	783.76
154	18+62.18	63.21 RT	783.57
155	18+60.83	64.64 RT	783.59
156	18+64.29	68.13 RT	783.67
157	18+66.38	68.78 RT	784.00
158	18+61.59	71.00 RT	783.71
159	18+58.24	74.58 RT	783.63
160	18+54.78	71.10 RT	783.56
161	18+58.14	67.51 RT	783.63

STATION & OFFSET TABLE

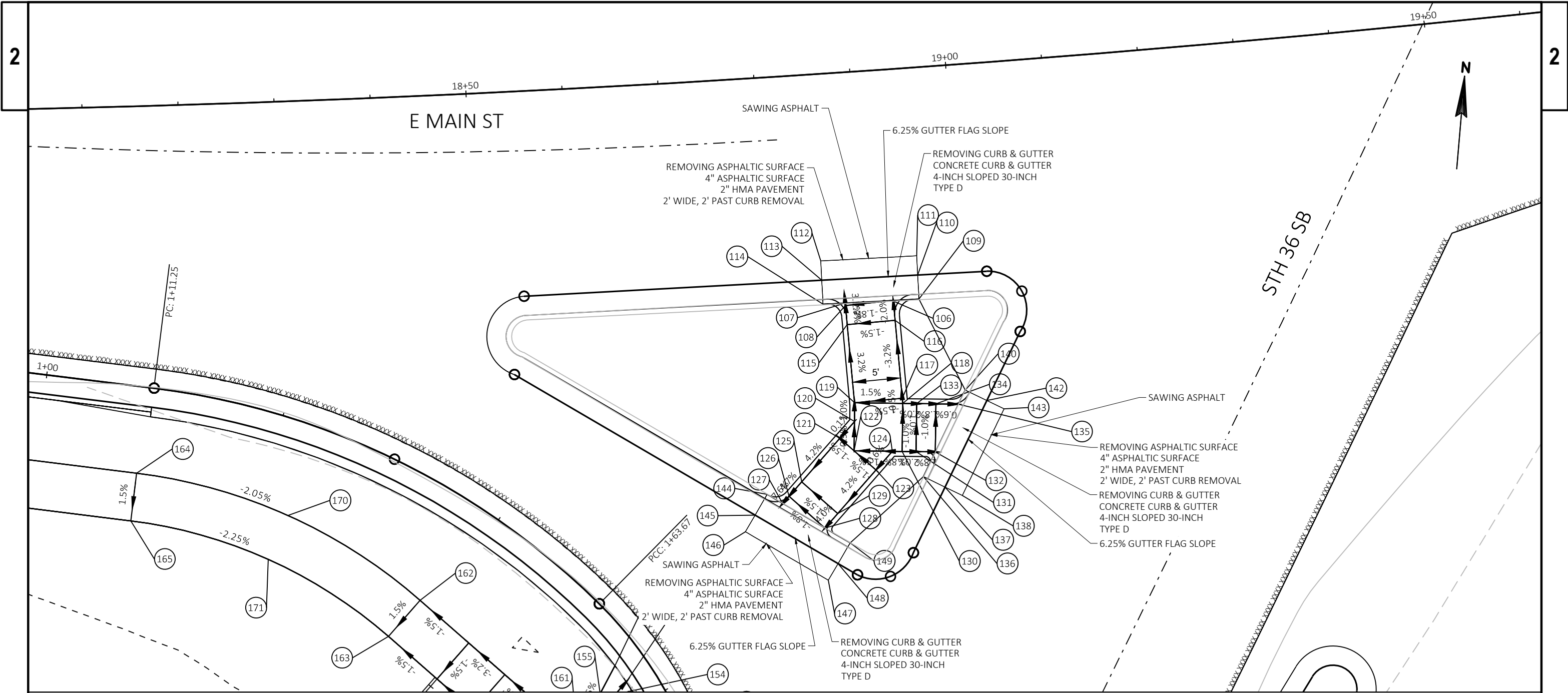
POINT	STATION	OFFSET	ELEVATION
162	18+42.97	52.44 RT	783.04
163	18+39.61	56.06 RT	782.95
164	18+14.63	38.17 RT	782.35
165	18+13.89	43.11 RT	782.28
166	17+59.43	30.43 RT	782.16
167	17+59.03	35.42 RT	782.08
168	17+31.73	29.48 RT	781.71
169	17+31.60	34.47 RT	781.78
170	18+29.90	43.07 RT	782.78
171	18+27.74	47.56 RT	782.69

STATION & OFFSET TABLE

POINT	STH 36 STATION	STH 36 OFFSET	CTH Y STATION	CTH Y OFFSET	RADIUS
172	387+32.22	123.475 LT	18+06.72	92.559 RT	50
173	387+32.22	123.475 LT	18+06.72	92.559 RT	55

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
162	18+42.97	52.44 RT	783.04
163	18+39.61	56.06 RT	782.95
164	18+14.63	38.17 RT	782.35
165	18+13.89	43.11 RT	782.28
166	17+59.43	30.43 RT	782.16
167	17+59.03	35.42 RT	782.08
168	17+31.73	29.48 RT	781.71
169	17+31.60	34.47 RT	781.78
170	18+29.90	43.07 RT	782.78
171	18+27.74	47.56 RT	782.69

STATION & OFFSET TABLE					
POINT	STH 36 STATION	STH 36 OFFSET	CTH Y STATION	CTH Y OFFSET	RADIUS
172	387+32.22	123.475 LT	18+06.72	92.559 RT	50
173	387+32.22	123.475 LT	18+06.72	92.559 RT	55



STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
106	18+92.88	24.10 RT	784.45
107	18+87.94	23.95 RT	784.35
108	18+87.94	24.22 RT	784.36
109	18+95.53	24.06 RT	784.95
110	18+95.57	21.56 RT	784.43
111	18+95.60	19.56 RT	784.41
112	18+85.70	19.42 RT	784.21
113	18+85.68	21.42 RT	784.24
114	18+85.65	23.92 RT	784.77

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
115	18+87.99	26.22 RT	784.42
116	18+92.92	26.10 RT	784.49
117	18+93.11	34.26 RT	784.75
118	18+93.13	34.79 RT	784.75
119	18+88.23	34.38 RT	784.68
120	18+88.08	36.33 RT	784.70
121	18+86.47	37.97 RT	784.69
122	18+87.84	39.36 RT	784.72
123	18+89.93	41.51 RT	784.77

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
124	18+91.72	39.69 RT	784.78
125	18+82.30	42.23 RT	784.44
126	18+80.92	43.65 RT	784.35
127	18+80.23	44.36 RT	784.27
128	18+84.38	47.18 RT	784.44
129	18+85.76	45.76 RT	784.52
130	18+92.72	39.77 RT	784.80
131	18+94.13	39.89 RT	784.77
132	18+96.09	40.06 RT	784.74

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
133	18+94.55	34.91 RT	784.73
134	18+96.50	35.08 RT	784.69
135	18+98.78	35.28 RT	784.67
136	18+94.70	42.54 RT	784.95
137	18+96.82	43.78 RT	784.66
138	18+98.52	44.77 RT	784.72
140	18+99.58	33.86 RT	784.97
142	19+01.71	35.11 RT	784.69
143	19+03.41	36.11 RT	784.74

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
144	18+78.72	43.32 RT	784.70
145	18+77.36	45.39 RT	784.15
146	18+76.27	47.06 RT	784.10
147	18+84.37	52.63 RT	784.31
148	18+85.46	50.97 RT	784.36
149	18+86.82	48.90 RT	784.90

NOTES:
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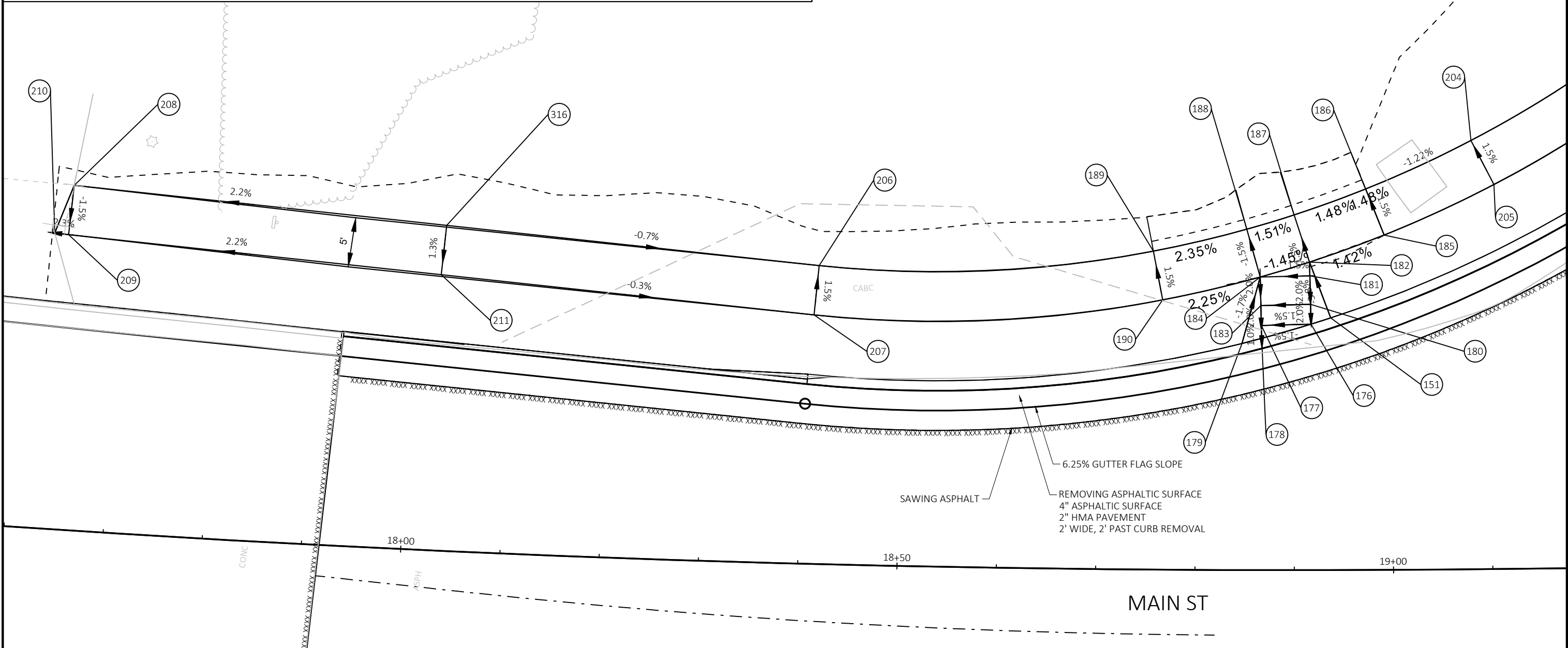
STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
151	18+93.73	25.40 LT	783.92
176	18+91.71	24.77 LT	783.59
177	18+86.65	24.64 LT	783.52
178	18+86.69	23.34 LT	783.51
179	18+84.67	22.82 LT	783.74
180	18+91.66	26.77 LT	783.63
181	18+91.59	29.64 LT	783.69
182	18+91.56	31.02 LT	783.69
183	18+86.60	26.64 LT	783.56
184	18+86.52	29.51 LT	783.62

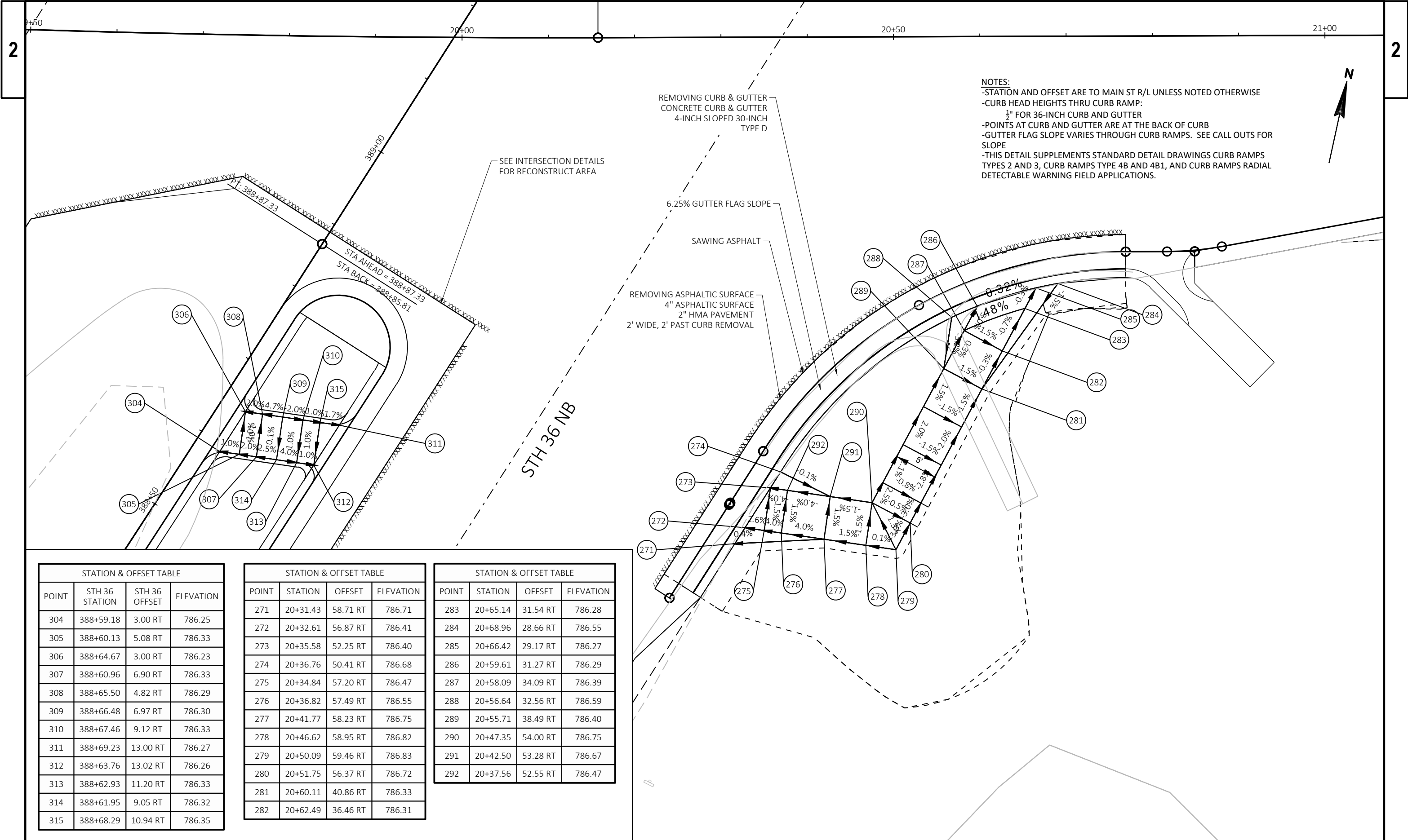
STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
185	18+99.21	33.72 LT	783.81
186	18+97.33	38.37 LT	783.73
187	18+89.99	35.77 LT	783.62
188	18+85.14	34.33 LT	783.54
189	18+75.57	32.07 LT	783.31
190	18+76.56	27.17 LT	783.39
204	19+08.20	43.18 LT	783.87
205	19+10.53	38.73 LT	783.95
206	18+41.40	30.06 LT	782.54
207	18+41.01	25.08 LT	782.62

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
208	17+64.81	34.71 LT	781.98
209	17+64.56	29.72 LT	781.90
210	17+63.14	29.79 LT	781.87
211	18+02.83	27.78 LT	782.74
316	18+03.15	32.77 LT	782.80

STATION & OFFSET TABLE				
POINT	STH 36 STATION	STH 36 OFFSET	CTH Y STATION	CTH Y OFFSET
174	389+70.77	196.000 LT	18+51.07	145.696 LT
175	389+70.77	196.000 LT	18+51.07	145.696 LT

NOTES:
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STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
150	20+88.37	33.20 LT	786.30
215	20+86.02	28.79 LT	786.37
216	20+85.72	28.94 LT	786.36
217	20+90.14	32.26 LT	786.38
218	20+87.80	27.84 LT	786.45
219	20+92.99	30.76 LT	786.54
220	20+90.65	26.34 LT	786.61
221	20+88.23	21.83 LT	786.90
222	20+87.28	20.08 LT	786.82
223	20+85.99	17.67 LT	786.69

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
224	20+91.68	17.71 LT	786.89
225	20+92.63	19.46 LT	786.97
226	20+95.06	23.96 LT	786.69
227	20+95.75	25.26 LT	786.67
228	20+98.28	27.38 LT	786.63
229	20+97.41	28.42 LT	786.61
230	20+93.93	30.26 LT	786.55
231	20+95.07	31.21 LT	786.56
232	20+98.67	34.23 LT	786.64
233	21+00.24	35.55 LT	786.60

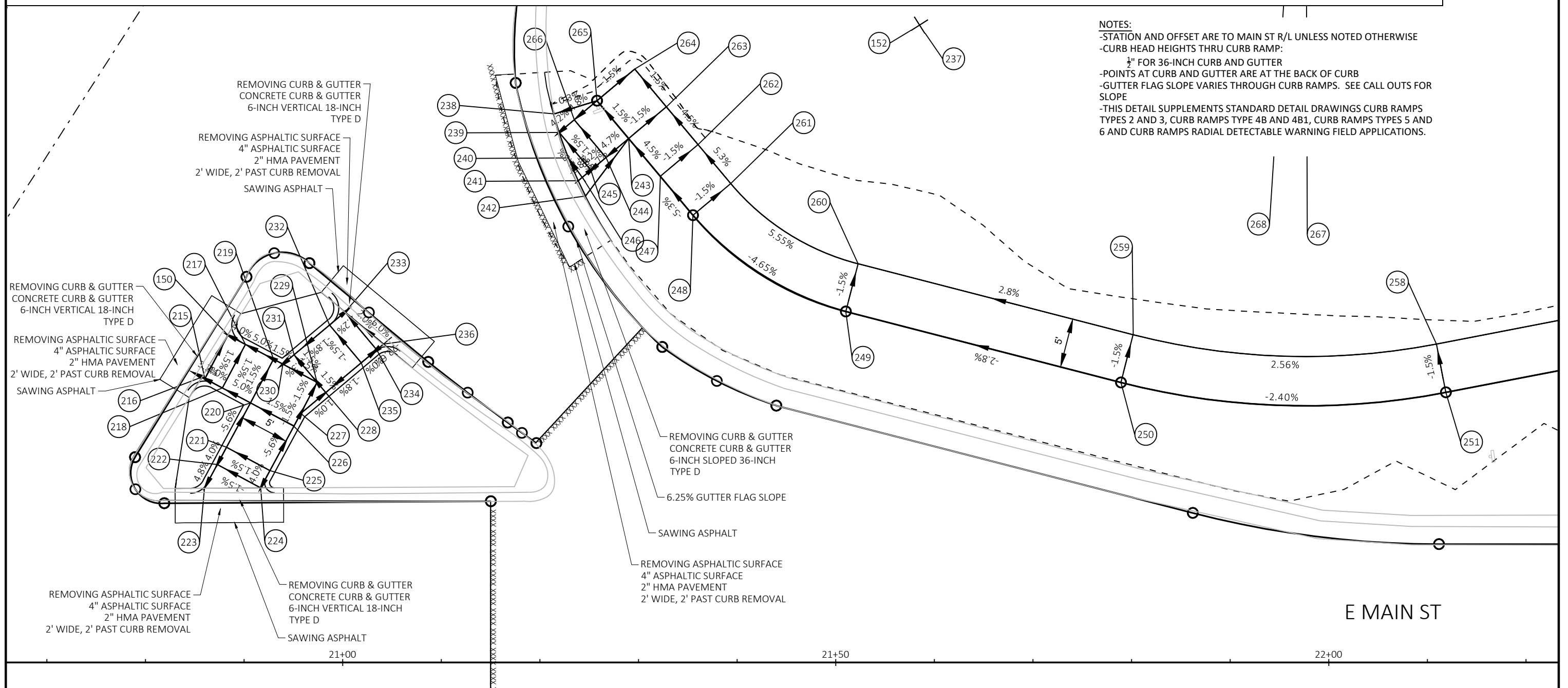
STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
234	21+03.45	31.72 LT	786.70
235	21+01.89	30.40 LT	786.72
236	21+04.15	32.30 LT	786.90

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
238	21+21.48	55.65 LT	786.48
239	21+21.95	53.76 LT	786.27
240	21+22.89	51.17 LT	786.38
241	21+23.88	48.85 LT	786.48
242	21+24.63	47.31 LT	786.84
243	21+29.00	53.15 LT	786.57
244	21+26.70	51.22 LT	786.43
245	21+25.17	49.93 LT	786.35
246	21+24.30	49.20 LT	786.42
247	21+32.21	49.32 LT	786.80

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
248	21+35.52	45.37 LT	787.07
249	21+51.02	35.60 LT	787.94
250	21+78.92	28.41 LT	788.74
251	22+11.87	27.39 LT	789.54
258	22+10.92	32.30 LT	789.46
259	21+80.16	33.25 LT	788.67
260	21+52.27	40.44 LT	787.85
261	21+39.35	48.58 LT	786.99
262	21+36.04	52.53 LT	786.72
263	21+32.83	56.36 LT	786.50

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
264	21+29.62	60.19 LT	786.42
265	21+25.79	56.98 LT	786.50
266	21+23.49	55.05 LT	786.35

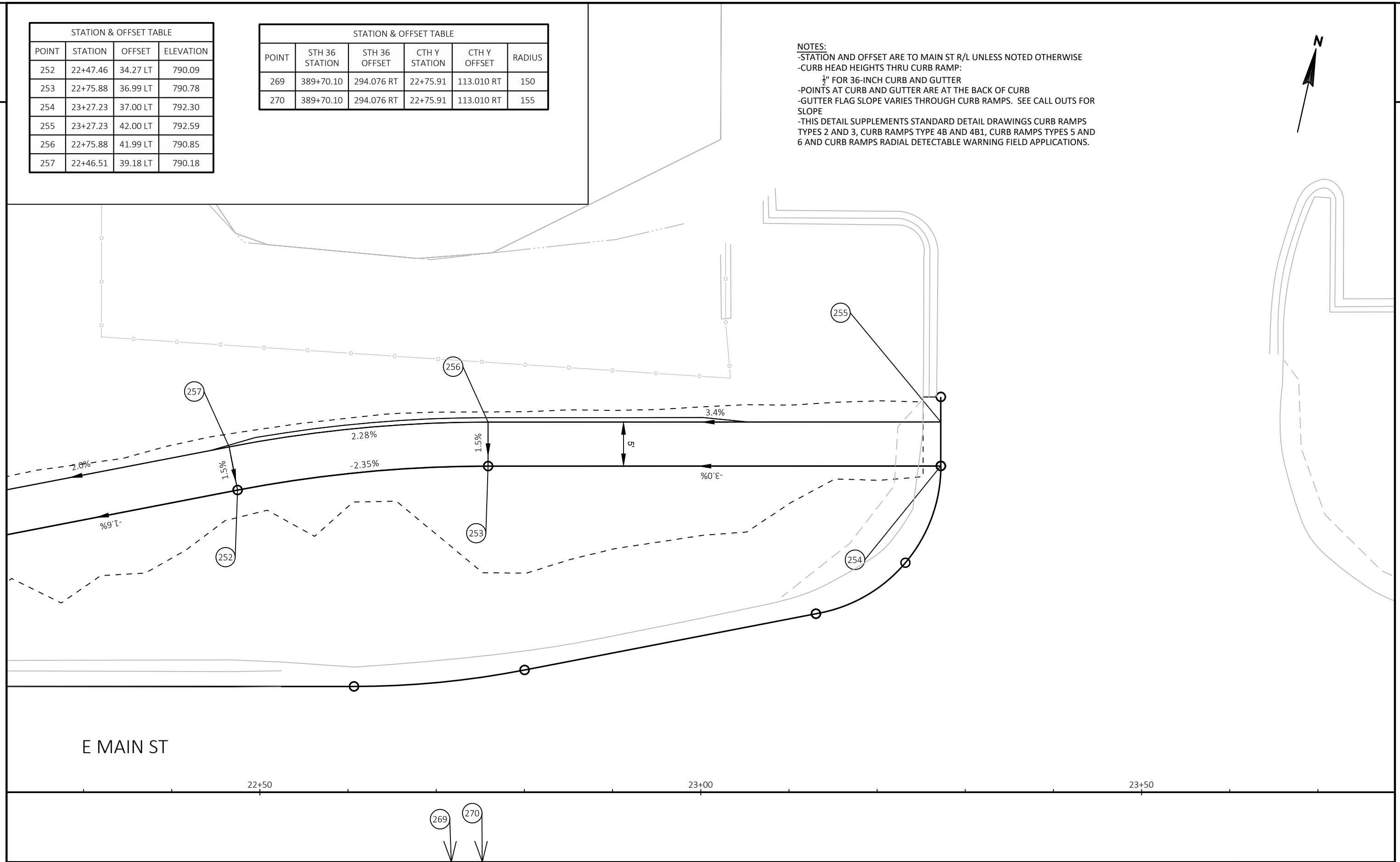
STATION & OFFSET TABLE					
POINT	STH 36 STATION	STH 36 OFFSET	CTH Y STATION	CTH Y OFFSET	RADIUS
152	390+56.21	99.317 RT	21+58.51	64.647 LT	25
237	390+56.21	99.317 RT	21+58.51	64.647 LT	30
267	391+07.96	112.599 RT	21+97.64	101.029 LT	70
268	391+07.96	112.599 RT	21+97.64	101.029 LT	75

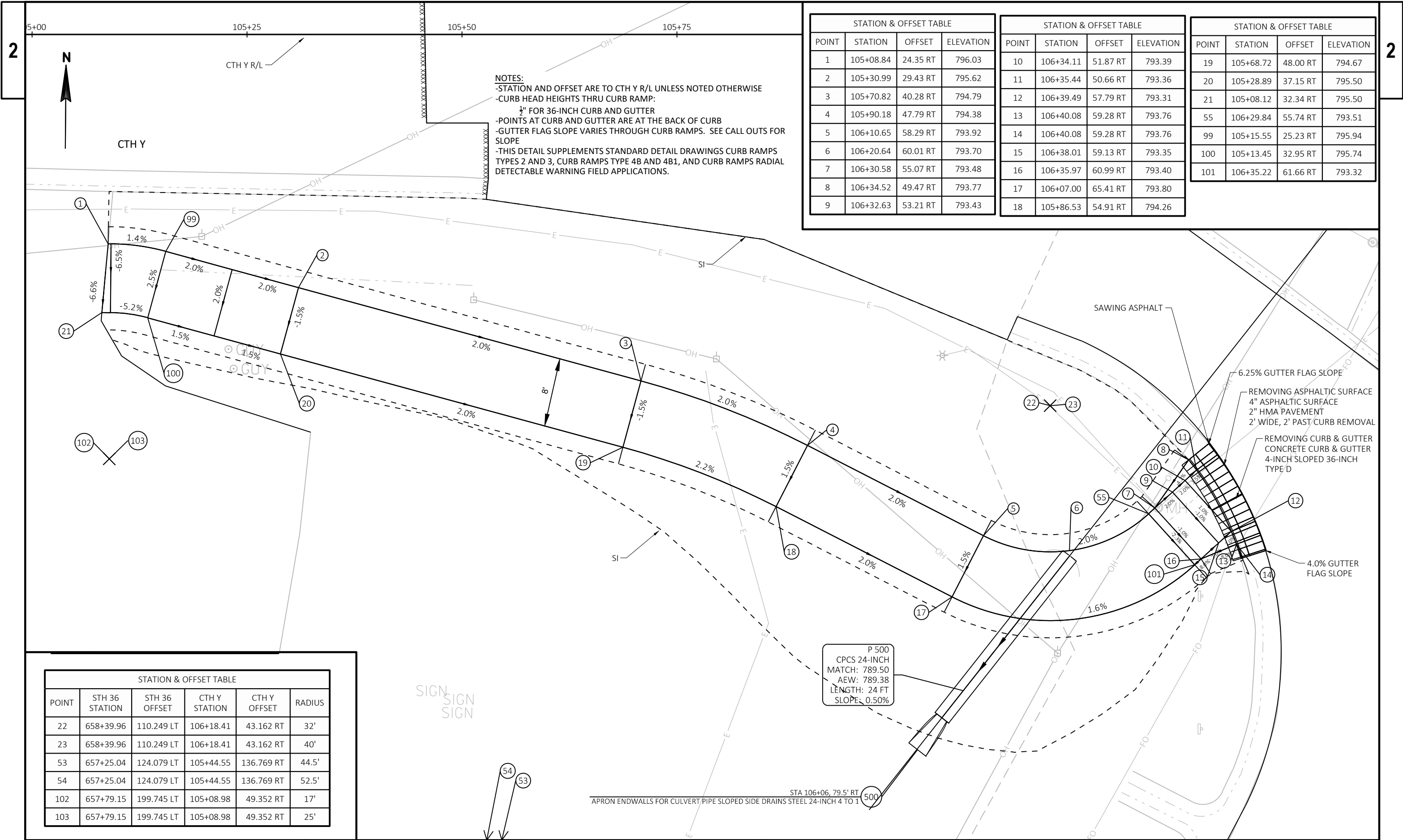


STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
252	22+47.46	34.27 LT	790.09
253	22+75.88	36.99 LT	790.78
254	23+27.23	37.00 LT	792.30
255	23+27.23	42.00 LT	792.59
256	22+75.88	41.99 LT	790.85
257	22+46.51	39.18 LT	790.18

STATION & OFFSET TABLE					
POINT	STH 36 STATION	STH 36 OFFSET	CTH Y STATION	CTH Y OFFSET	RADIUS
269	389+70.10	294.076 RT	22+75.91	113.010 RT	150
270	389+70.10	294.076 RT	22+75.91	113.010 RT	155

NOTES:
-STATION AND OFFSET ARE TO MAIN ST R/L UNLESS NOTED OTHERWISE
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 $\frac{1}{2}$ " FOR 36-INCH CURB AND GUTTER
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NOTES:
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STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
1	105+08.84	24.35 RT	796.03
2	105+30.99	29.43 RT	795.62
3	105+70.82	40.28 RT	794.79
4	105+90.18	47.79 RT	794.38
5	106+10.65	58.29 RT	793.92
6	106+20.64	60.01 RT	793.70
7	106+30.58	55.07 RT	793.48
8	106+34.52	49.47 RT	793.77
9	106+32.63	53.21 RT	793.43

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
10	106+34.11	51.87 RT	793.39
11	106+35.44	50.66 RT	793.36
12	106+39.49	57.79 RT	793.31
13	106+40.08	59.28 RT	793.76
14	106+40.08	59.28 RT	793.76
15	106+38.01	59.13 RT	793.35
16	106+35.97	60.99 RT	793.40
17	106+07.00	65.41 RT	793.80
18	105+86.53	54.91 RT	794.26

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
19	105+68.72	48.00 RT	794.67
20	105+28.89	37.15 RT	795.50
21	105+08.12	32.34 RT	795.50
55	106+29.84	55.74 RT	793.51
99	105+15.55	25.23 RT	795.94
100	105+13.45	32.95 RT	795.74
101	106+35.22	61.66 RT	793.32

STATION & OFFSET TABLE					
POINT	STH 36 STATION	STH 36 OFFSET	CTH Y STATION	CTH Y OFFSET	RADIUS
22	658+39.96	110.249 LT	106+18.41	43.162 RT	32'
23	658+39.96	110.249 LT	106+18.41	43.162 RT	40'
53	657+25.04	124.079 LT	105+44.55	136.769 RT	44.5'
54	657+25.04	124.079 LT	105+44.55	136.769 RT	52.5'
102	657+79.15	199.745 LT	105+08.98	49.352 RT	17'
103	657+79.15	199.745 LT	105+08.98	49.352 RT	25'

SIGN
SIGN
SIGN

P 500
CPCS 24-INCH
MATCH: 789.50
AEW: 789.38
LENGTH: 24 FT
SLOPE: 0.50%

APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 24-INCH 4 TO 1

PROJECT NO: 2240-00-77

HWY: STH 36

COUNTY: RACINE

CURB RAMP DETAILS - CTH Y SW RAMP

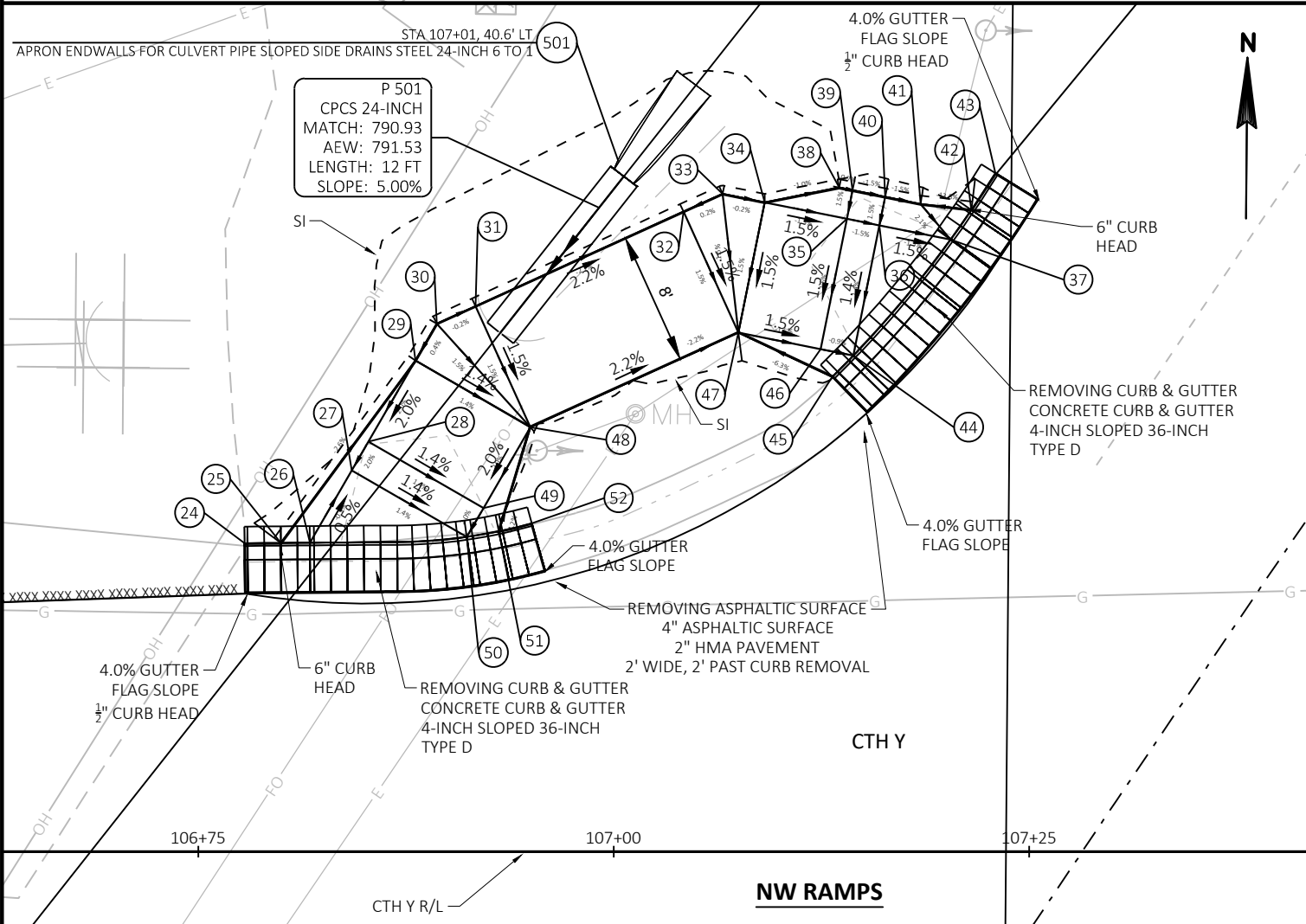
SHEET

PRE_52

E

STATION & OFFSET TABLE				STATION & OFFSET TABLE				STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION	POINT	STATION	OFFSET	ELEVATION	POINT	STATION	OFFSET	ELEVATION
24	106+77.78	18.57 LT	793.90	34	107+09.08	39.09 LT	793.67	44	107+14.41	29.86 LT	793.46
25	106+79.97	18.59 LT	794.33	35	107+14.02	38.09 LT	793.60	45	107+13.14	28.58 LT	793.94
26	106+81.71	18.60 LT	793.85	36	107+15.98	37.70 LT	793.57	46	107+12.45	30.25 LT	793.48
27	106+84.23	22.95 LT	793.82	37	107+20.27	36.84 LT	793.50	47	107+07.50	31.24 LT	793.55
28	106+85.23	24.69 LT	793.86	38	107+13.57	39.97 LT	793.63	48	106+94.98	25.55 LT	793.86
29	106+88.06	29.56 LT	793.97	39	107+14.37	39.81 LT	793.62	49	106+92.15	20.67 LT	793.75
30	106+89.34	31.78 LT	793.98	40	107+16.33	39.42 LT	793.59	50	106+91.15	18.94 LT	793.71
31	106+91.67	32.84 LT	793.98	41	107+18.47	38.99 LT	793.56	51	106+93.08	19.29 LT	794.13
32	107+04.19	38.53 LT	793.67	42	107+21.52	38.63 LT	793.97	52	106+95.06	19.77 LT	794.12
33	107+06.55	39.59 LT	793.68	43	107+22.96	40.85 LT	793.53				

NOTES:
 -STATION AND OFFSET ARE TO CTH Y R/L UNLESS NOTED OTHERWISE
 -CURB HEAD HEIGHTS THRU CURB RAMP:
 $\frac{1}{2}$ " FOR 36-INCH CURB AND GUTTER
 -POINTS AT CURB AND GUTTER ARE AT THE BACK OF CURB
 -GUTTER FLAG SLOPE VARIES THROUGH CURB RAMPS. SEE CALL OUTS FOR SLOPE
 -THIS DETAIL SUPPLEMENTS STANDARD DETAIL DRAWINGS CURB RAMPS TYPES 2 AND 3, CURB RAMPS TYPE 4B AND 4B1, AND CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS.

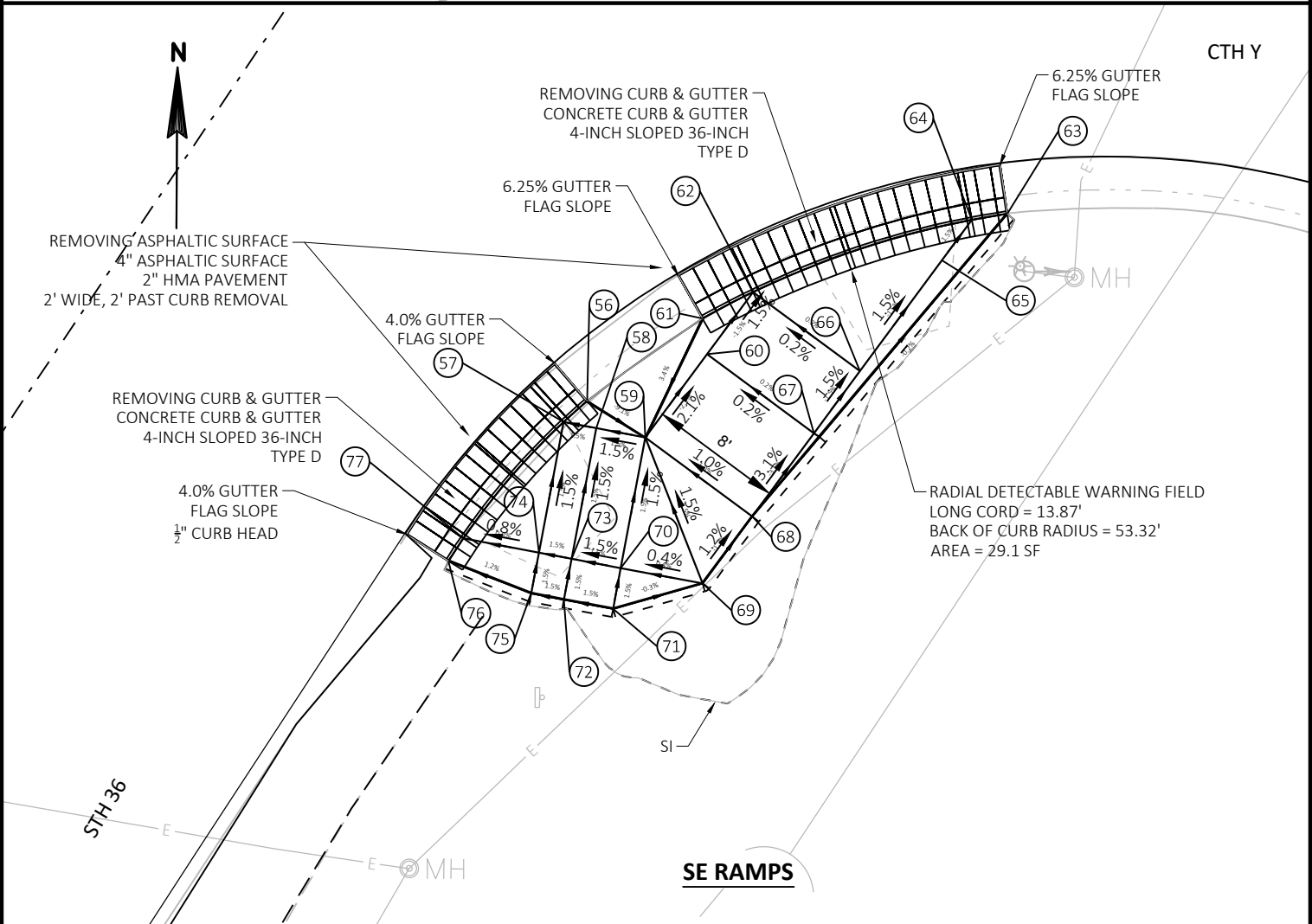


STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
56	108+13.77	55.92 RT	792.26
57	108+12.36	57.18 RT	791.81
58	108+14.32	57.55 RT	791.84
59	108+17.28	58.11 RT	791.88
60	108+20.99	53.10 RT	791.75
61	108+20.71	50.95 RT	792.15
62	108+23.76	49.36 RT	791.68
63	108+39.06	44.65 RT	791.97
64	108+36.93	45.02 RT	791.53
65	108+35.13	47.44 RT	791.58
66	108+30.19	54.12 RT	791.70

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
67	108+27.42	57.86 RT	791.77
68	108+23.71	62.87 RT	791.96
69	108+20.73	66.90 RT	792.02
70	108+15.80	65.97 RT	792.00
71	108+15.34	68.43 RT	792.04
72	108+12.38	67.87 RT	791.99
73	108+12.84	65.42 RT	791.96
74	108+10.87	65.05 RT	791.93
75	108+10.41	67.50 RT	791.96
76	108+05.43	65.55 RT	791.90
77	108+06.32	64.19 RT	791.89

NOTES:

- STATION AND OFFSET ARE TO CTH Y/R/L UNLESS NOTED OTHERWISE
- CURB HEAD HEIGHTS THRU CURB RAMP:
 - $\frac{1}{2}$ " FOR 36-INCH CURB AND GUTTER
- POINTS AT CURB AND GUTTER ARE AT THE BACK OF CURB
- GUTTER FLAT SLOPE VARIES THROUGH CURB RAMPS. SEE CALL OUTS FOR SLOPE
- THIS DETAIL SUPPLEMENTS STANDARD DETAIL DRAWINGS CURB RAMPS TYPES 2 AND 3, CURB RAMPS TYPE 4B AND 4B1, AND CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS.



STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
80	108+96.51	51.46 LT	792.25
81	108+96.54	48.98 LT	791.76
82	108+98.52	51.64 LT	791.76
83	109+03.12	57.86 LT	791.80
84	109+09.55	53.10 LT	791.68

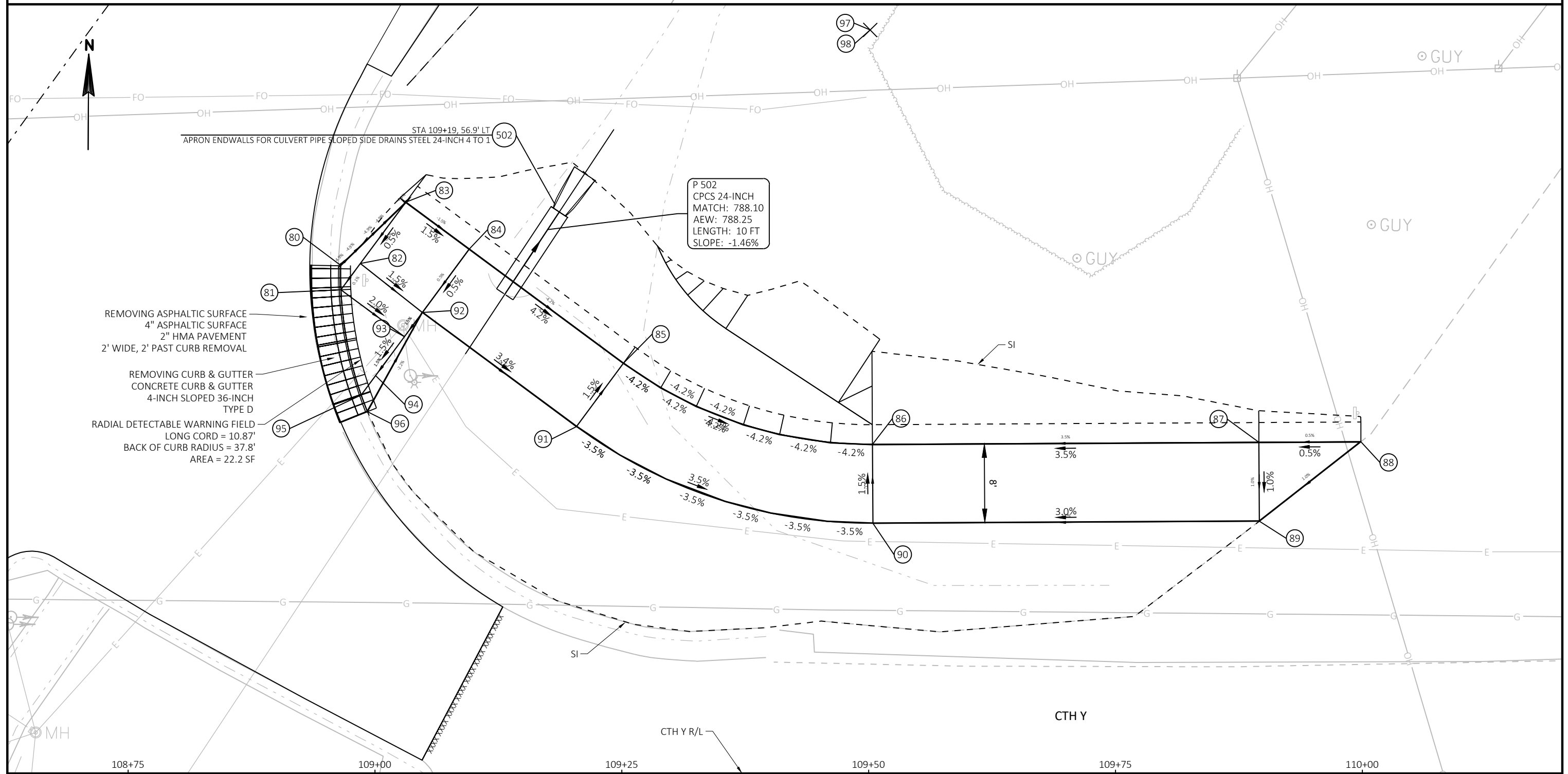
STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
85	109+25.16	41.55 LT	790.85
86	109+50.38	33.31 LT	789.73
87	109+89.52	33.53 LT	791.10
88	109+99.85	33.58 LT	791.15
89	109+89.56	25.53 LT	791.02

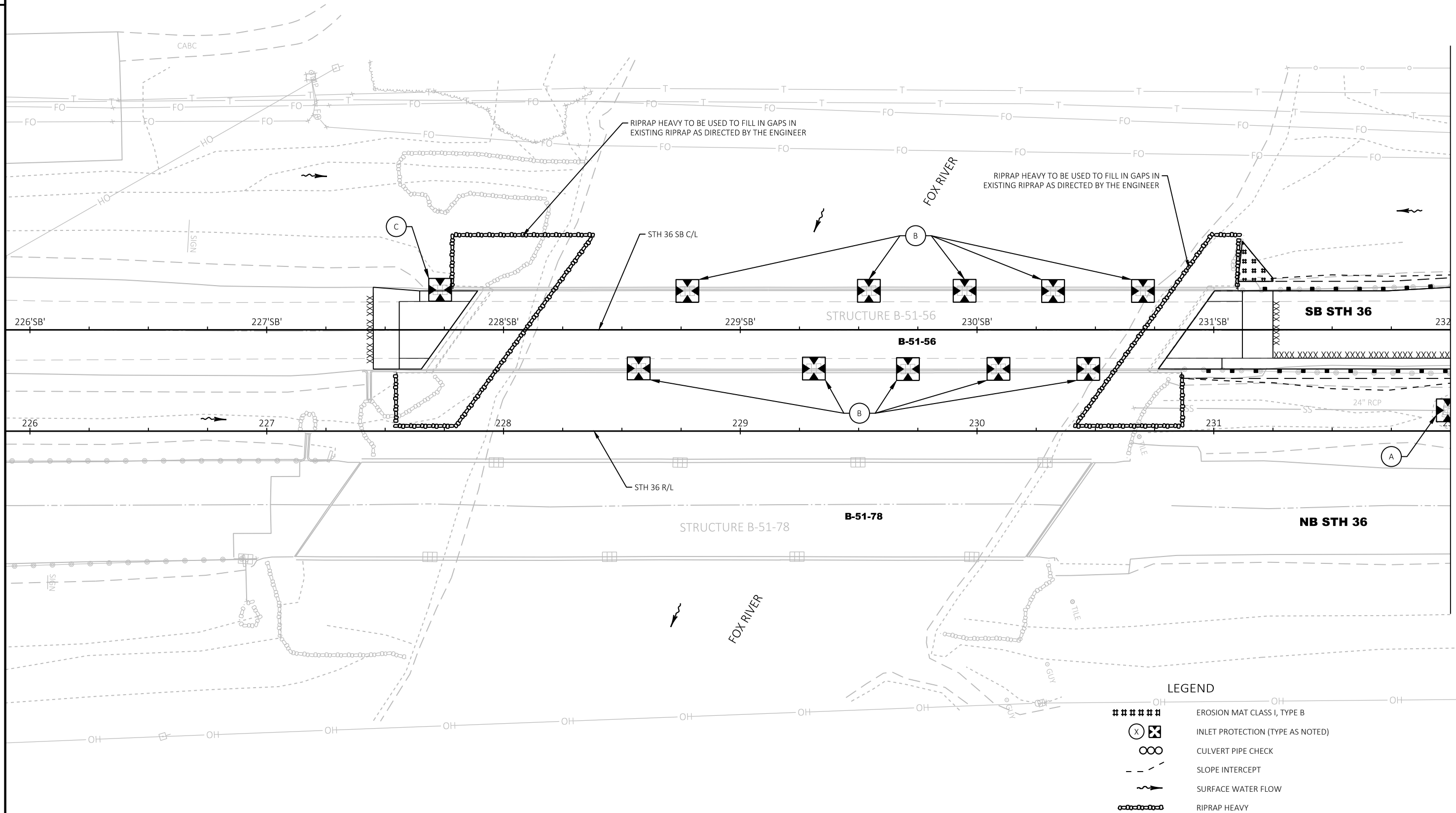
STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
90	109+50.43	25.31 LT	789.85
91	109+20.40	35.12 LT	790.97
92	109+04.79	46.67 LT	791.64
93	109+02.97	44.22 LT	791.59
94	109+00.06	40.28 LT	791.52

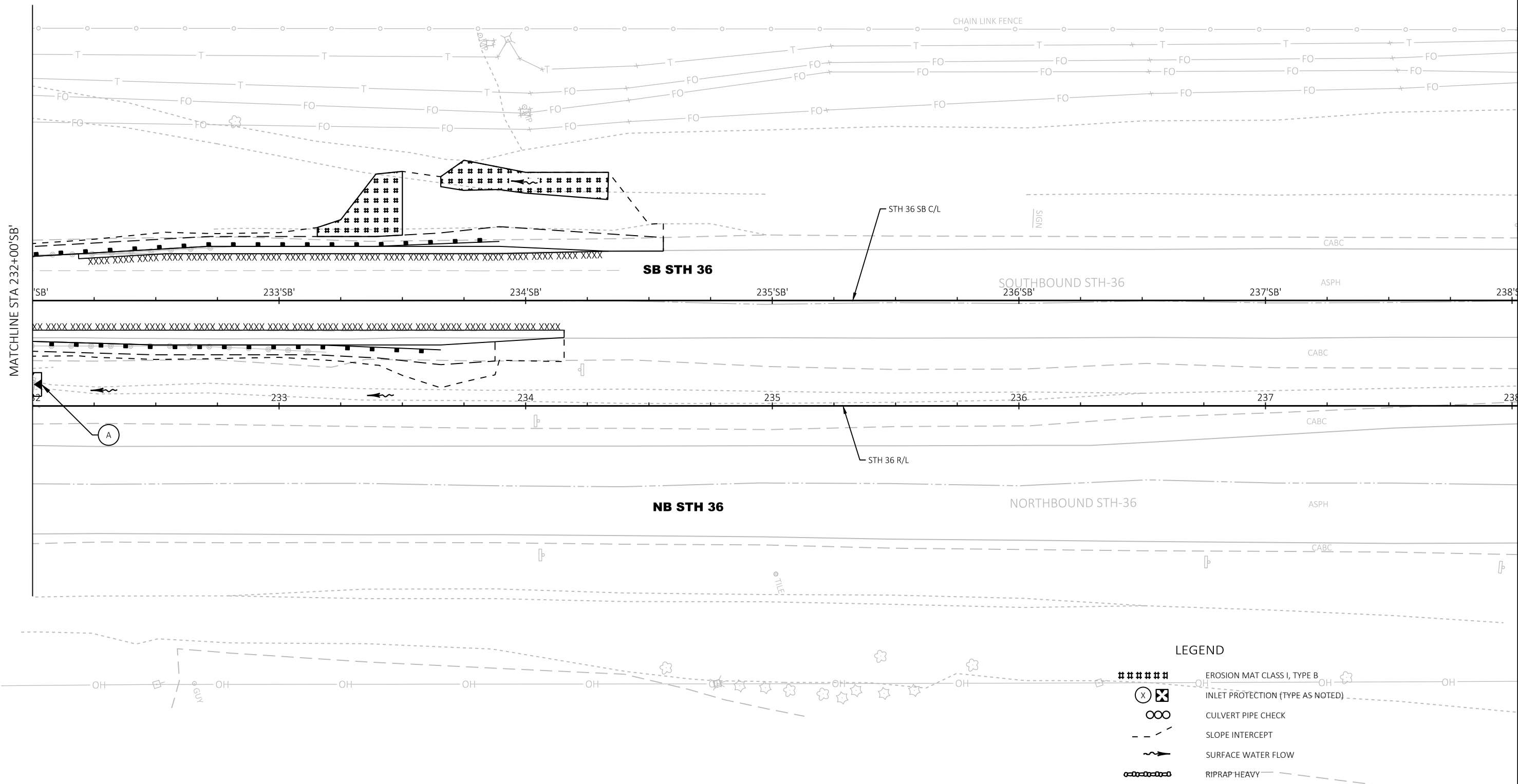
STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ELEVATION
95	108+98.60	38.30 LT	791.48
96	108+99.22	36.63 LT	791.89

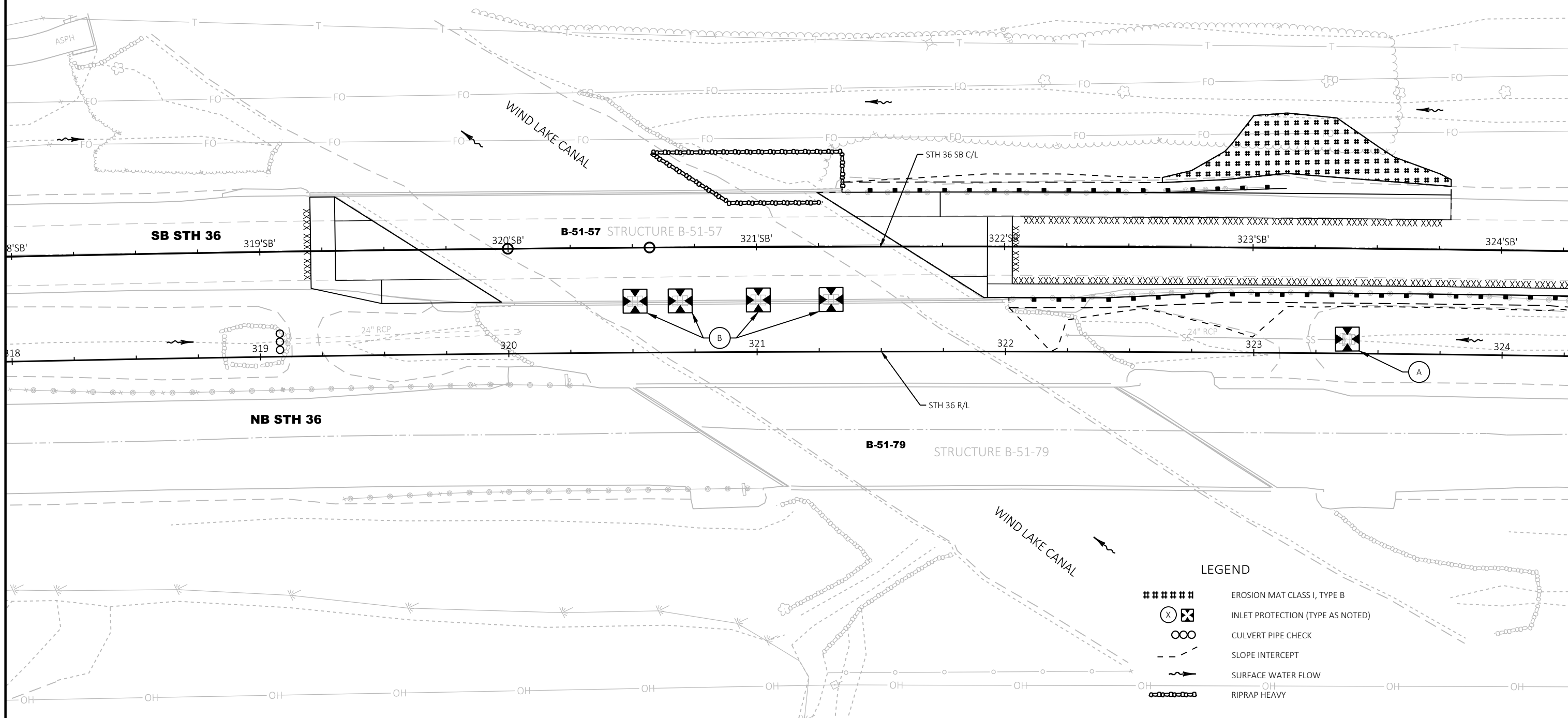
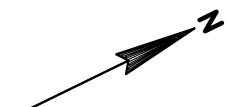
STATION & OFFSET TABLE					
POINT	STH 36 STATION	STH 36 OFFSET	CTH Y STATION	CTH Y OFFSET	RADIUS
97	661+25.44	95.589 RT	109+50.15	75.308 LT	42.0'
98	661+25.44	95.589 RT	109+50.15	75.308 LT	50.0'

NOTES:
-STATION AND OFFSET ARE TO CTH Y R/L UNLESS NOTED OTHERWISE
-CURB HEAD HEIGHTS THRU CURB RAMP:
 $\frac{1}{4}$ " FOR 36-INCH CURB AND GUTTER
-POINTS AT CURB AND GUTTER ARE AT THE BACK OF CURB
-GUTTER FLAG SLOPE VARIES THROUGH CURB RAMPS. SEE CALL OUTS FOR SLOPE
-THIS DETAIL SUPPLEMENTS STANDARD DETAIL DRAWINGS CURB RAMPS TYPES 2 AND 3, CURB RAMPS TYPE 4B AND 4B1, AND CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS.



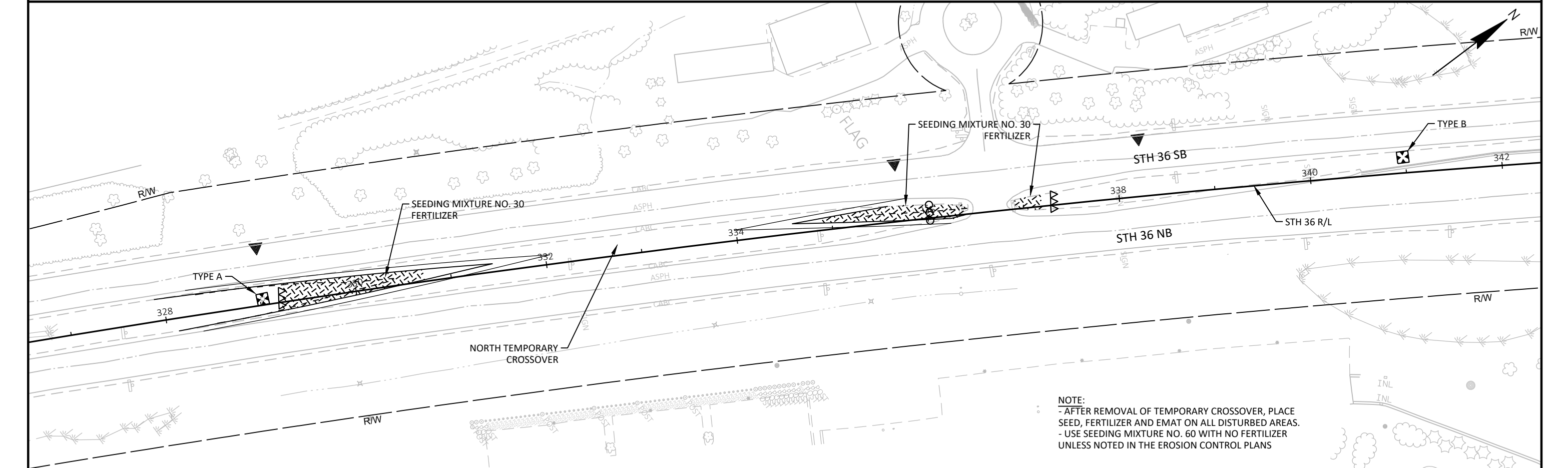
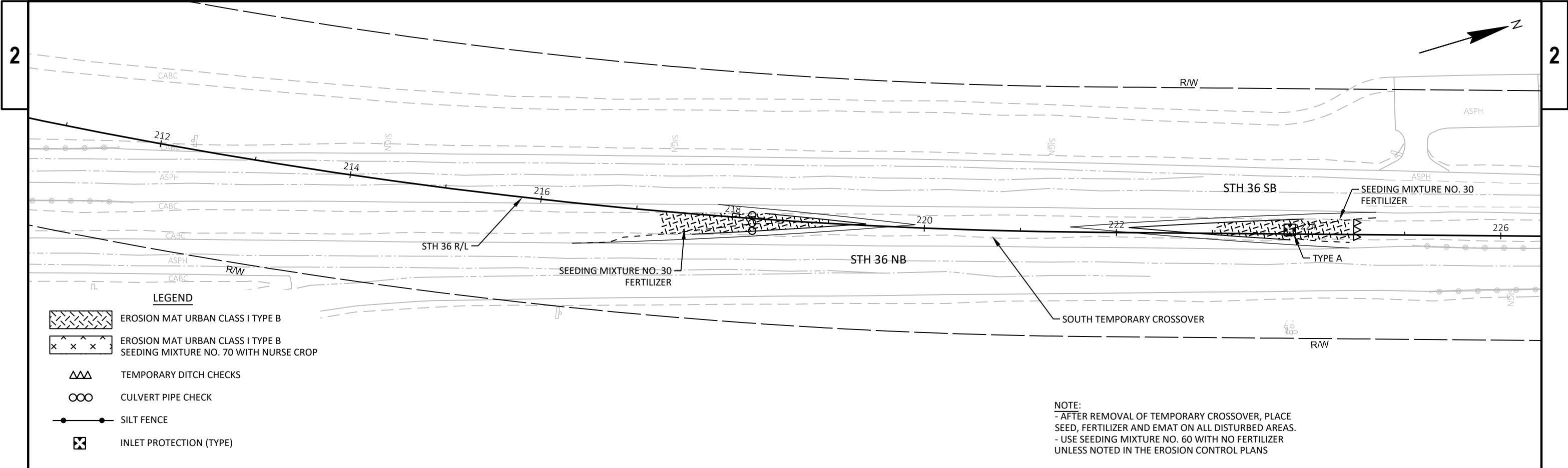


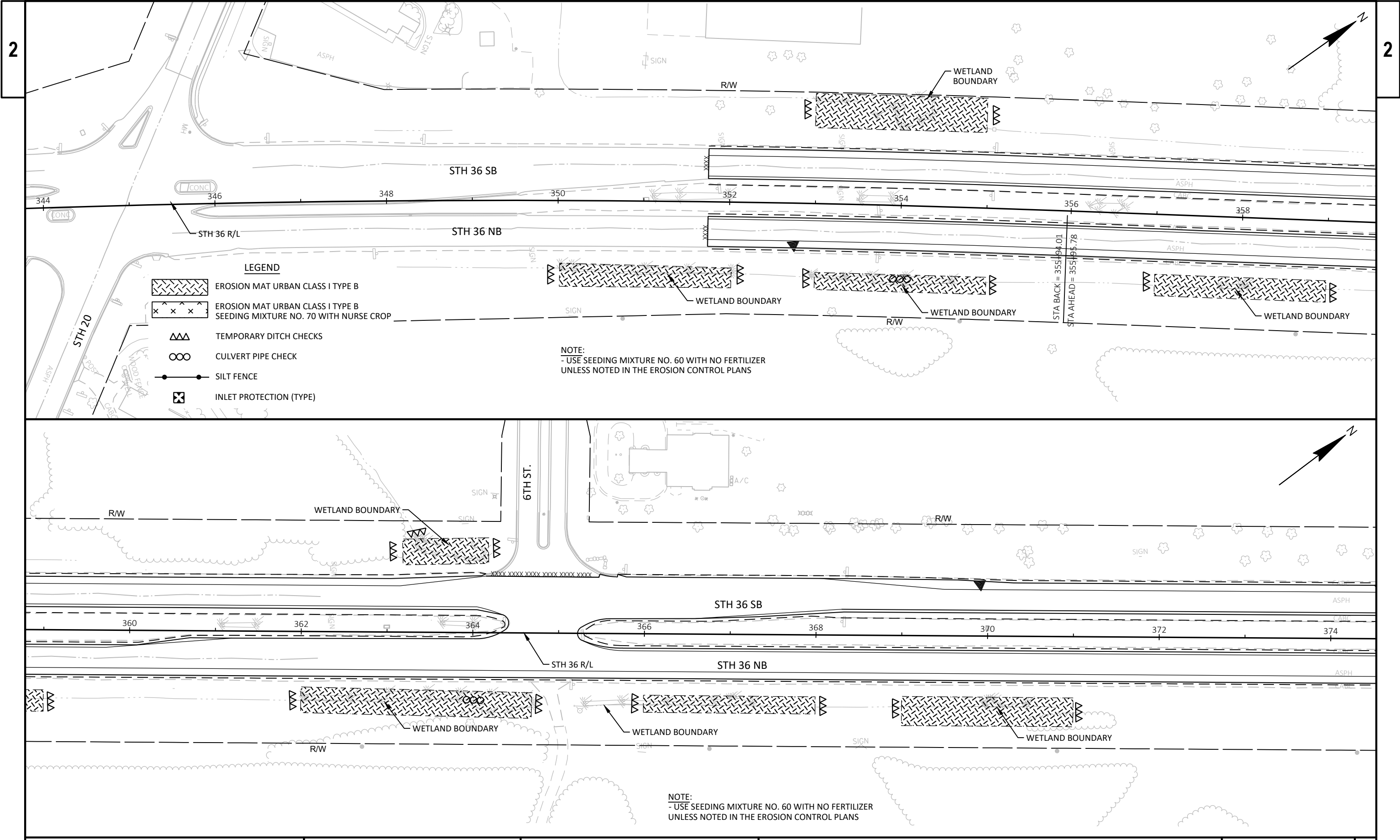


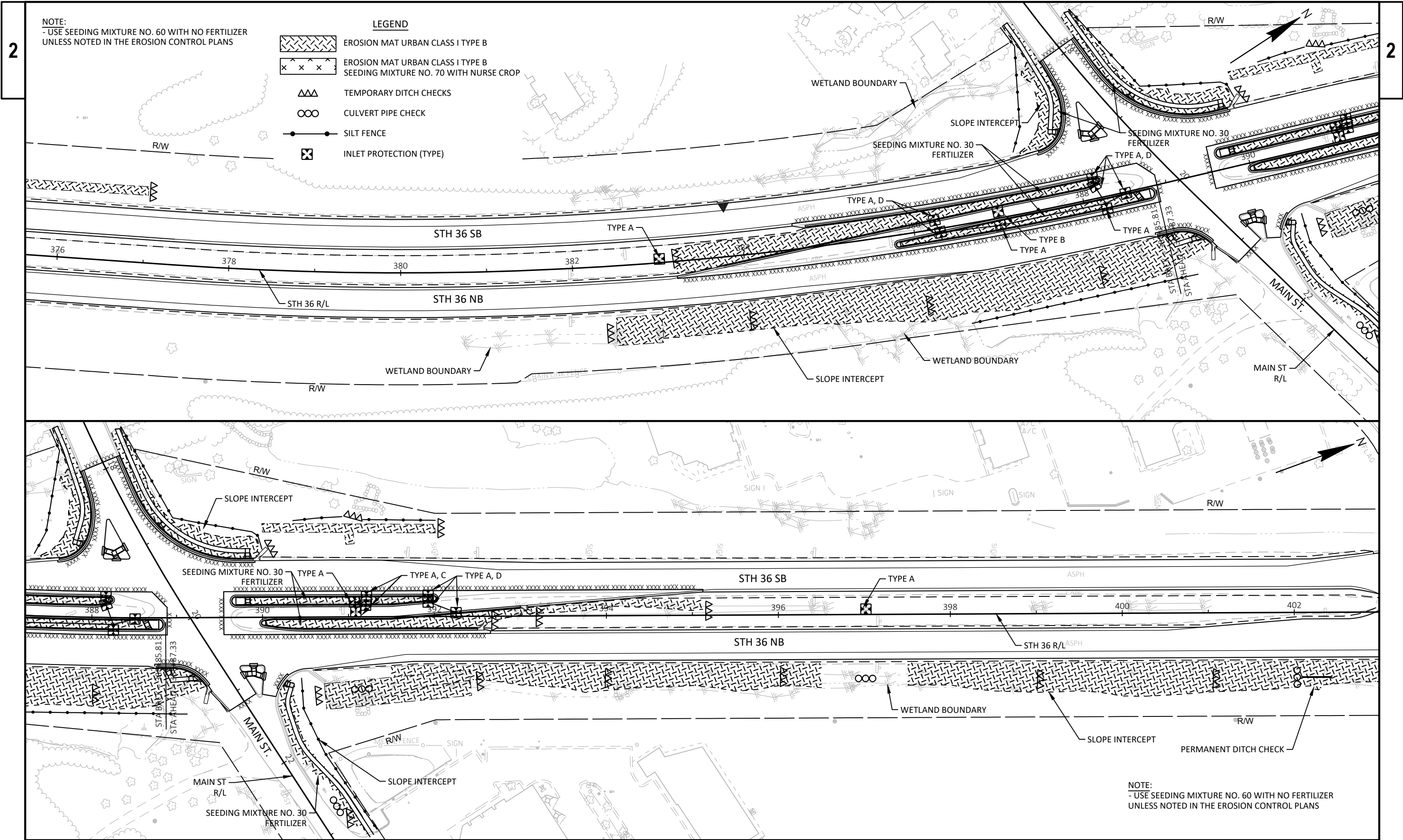


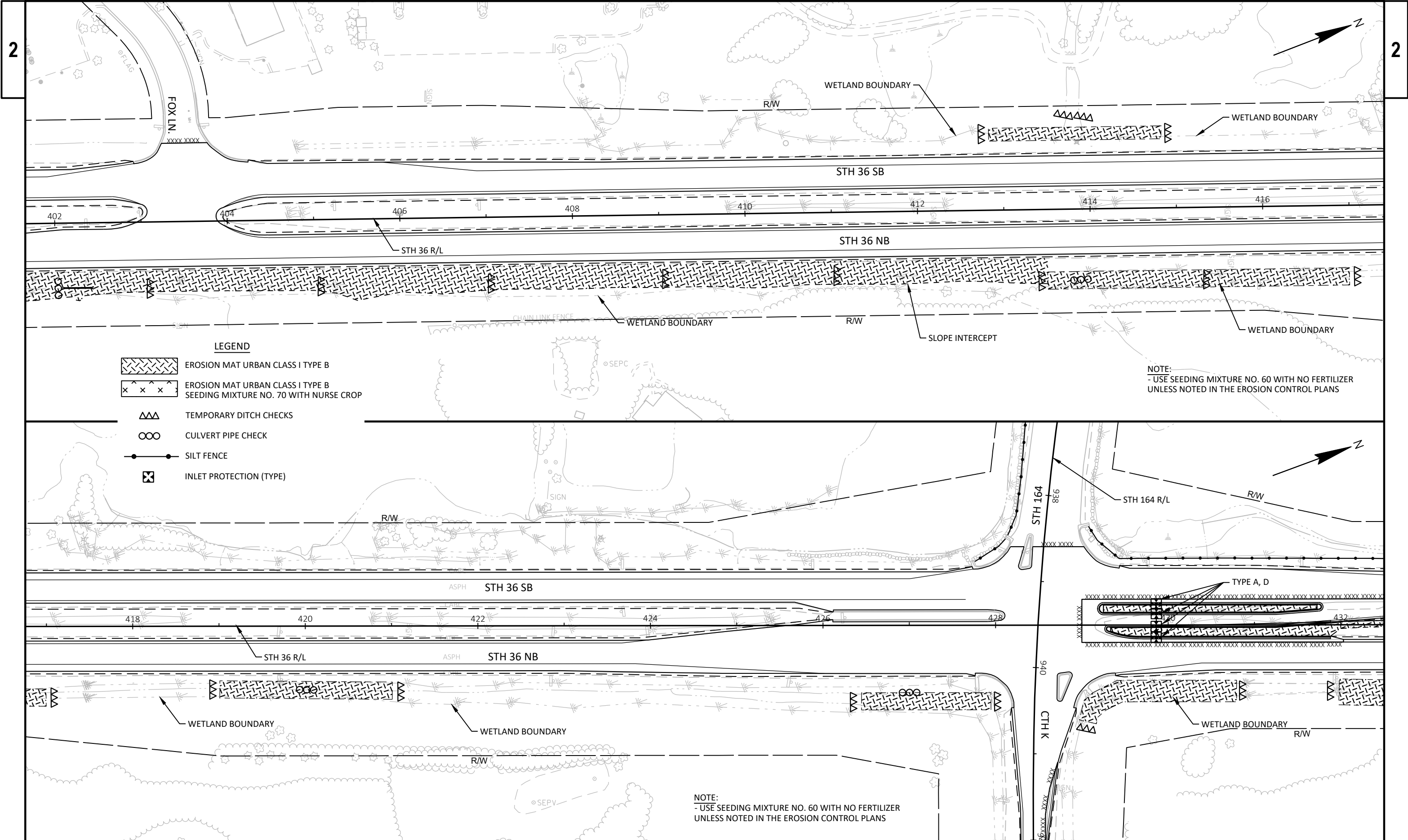
LEGEND

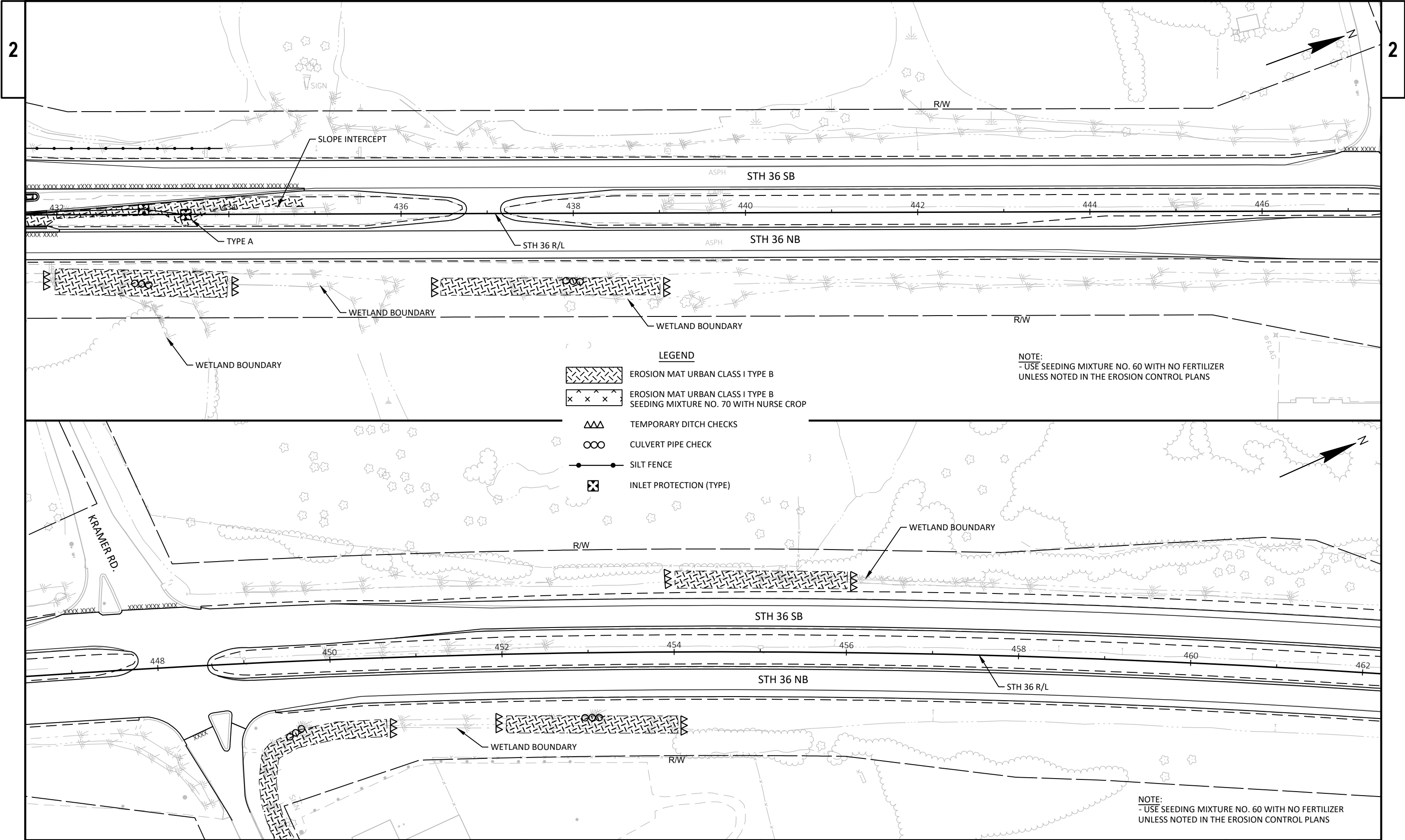
- XXXXXX EROSION MAT CLASS I, TYPE B
- (X) INLET PROTECTION (TYPE AS NOTED)
- OO CULVERT PIPE CHECK
- - - SLOPE INTERCEPT
- ~ SURFACE WATER FLOW
- o-o-o-o-o RIPRAP HEAVY

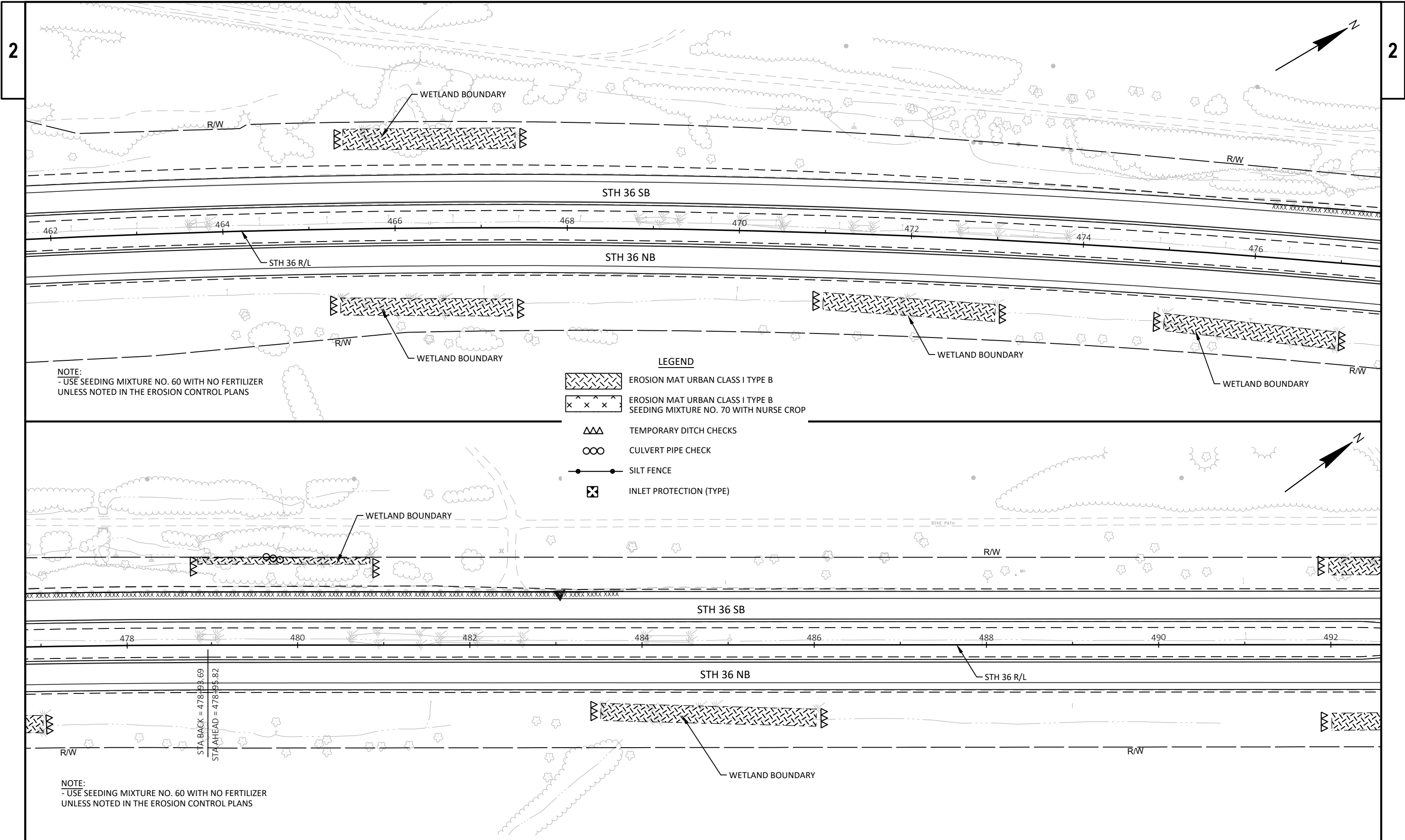


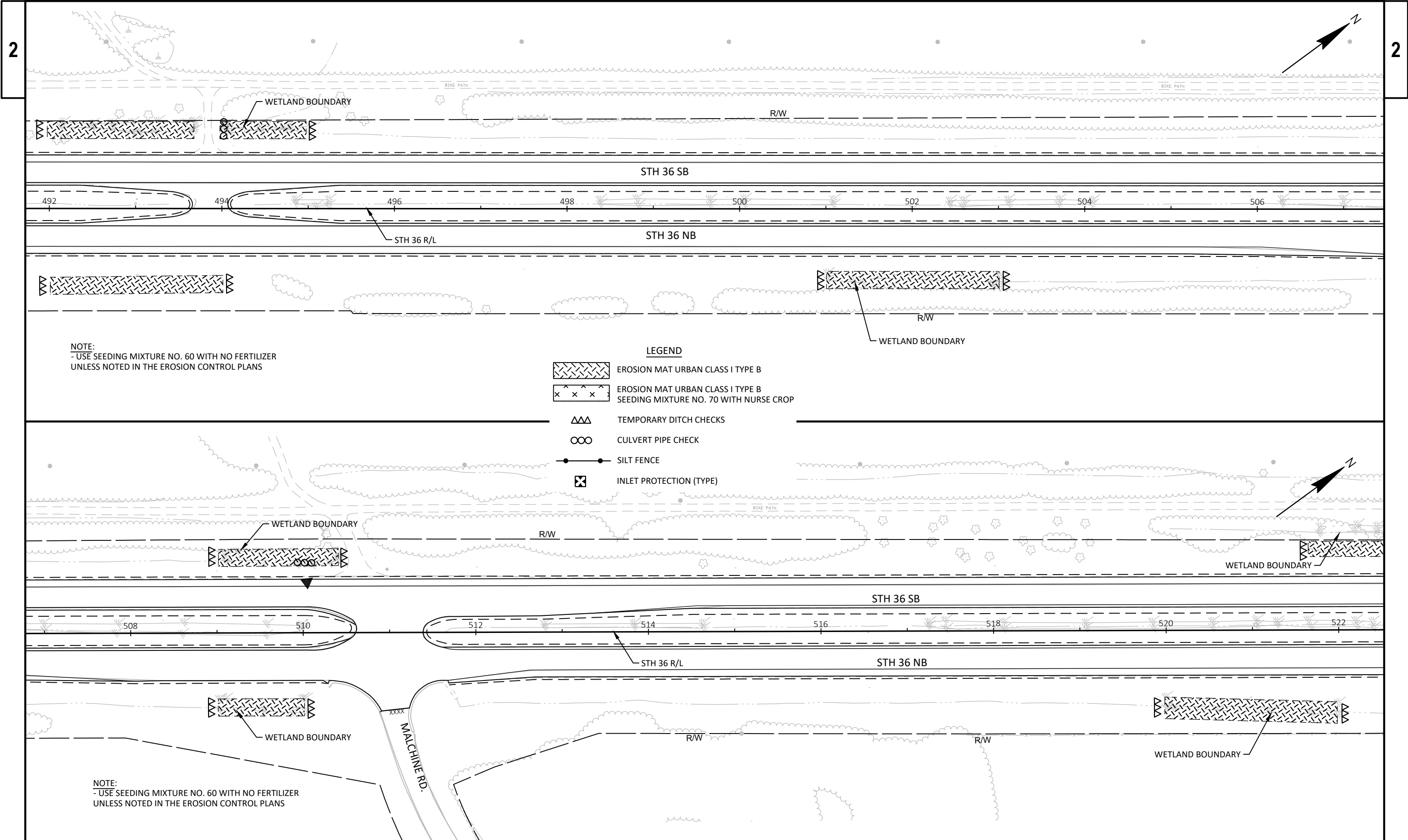












NOTE:
-USE SEEDING MIXTURE NO. 60 WITH NO FERTILIZER
UNLESS NOTED IN THE EROSION CONTROL PLANS

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
SEEDING MIXTURE NO. 70 WITH NURSE CROP
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECK
- SILT FENCE
- INLET PROTECTION (TYPE)

NOTE:
-USE SEEDING MIXTURE NO. 60 WITH NO FERTILIZER
UNLESS NOTED IN THE EROSION CONTROL PLANS

PROJECT NO: 2240-00-77

HWY: STH 36

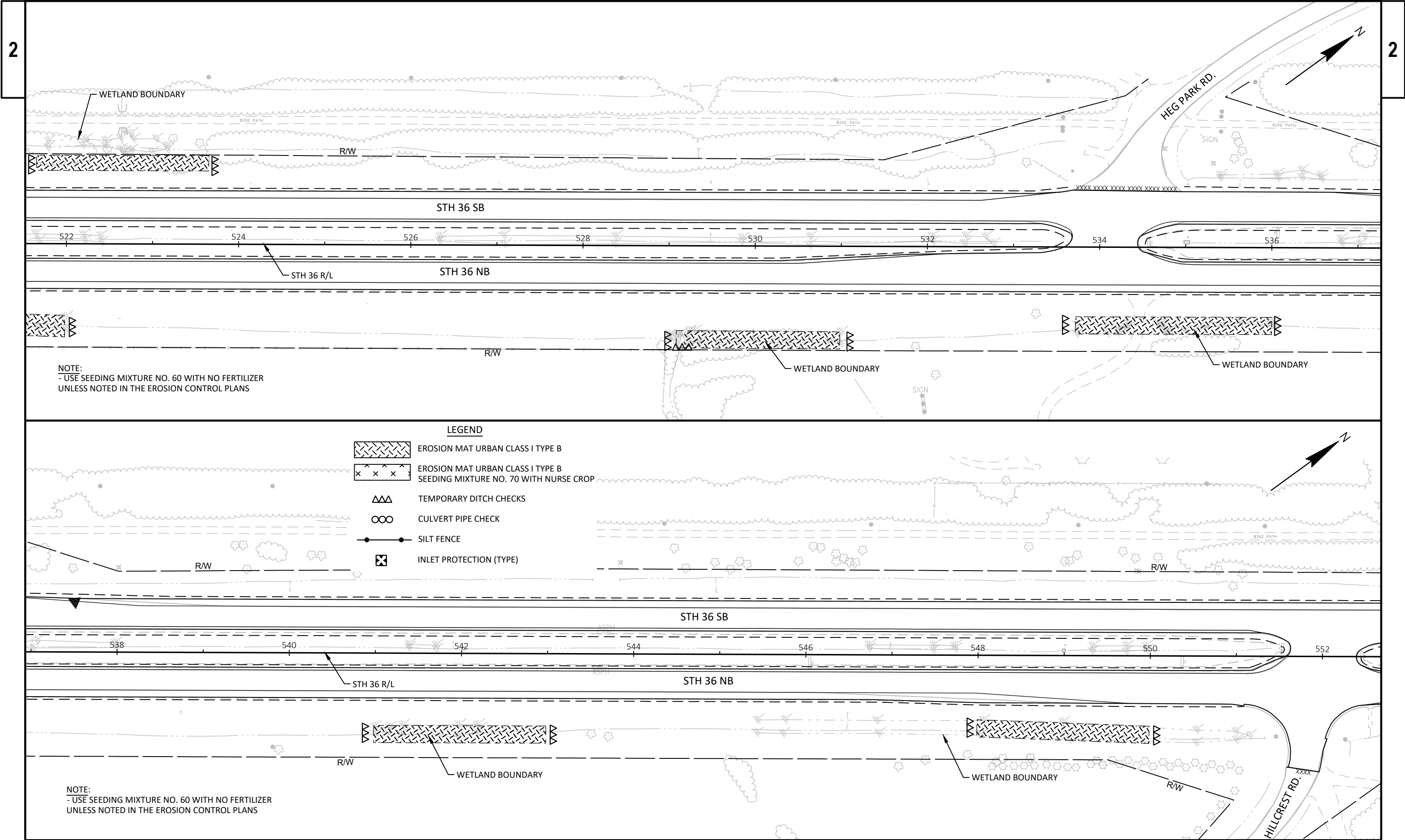
COUNTY: RACINE

EROSION CONTROL

SHEET

PRE_64

E



LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B SEEDING MIXTURE NO. 70 WITH NURSE CROP
- TEMPORARY DITCH CHECKS
- CULVERT PIPE CHECK
- SILT FENCE
- INLET PROTECTION (TYPE)

PROJECT NO: 2240-00-77

HWY: STH 36

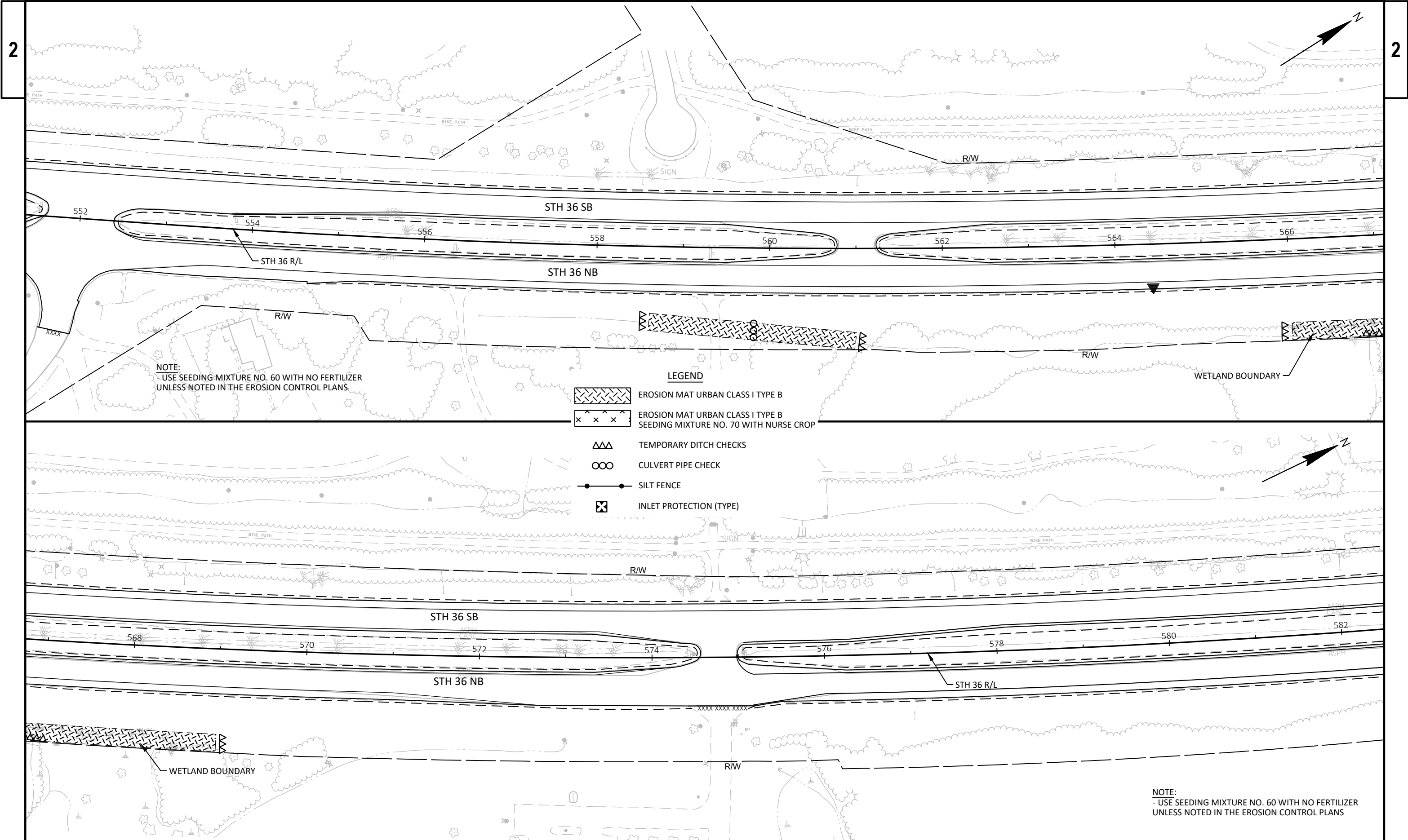
COUNTY: RACINE

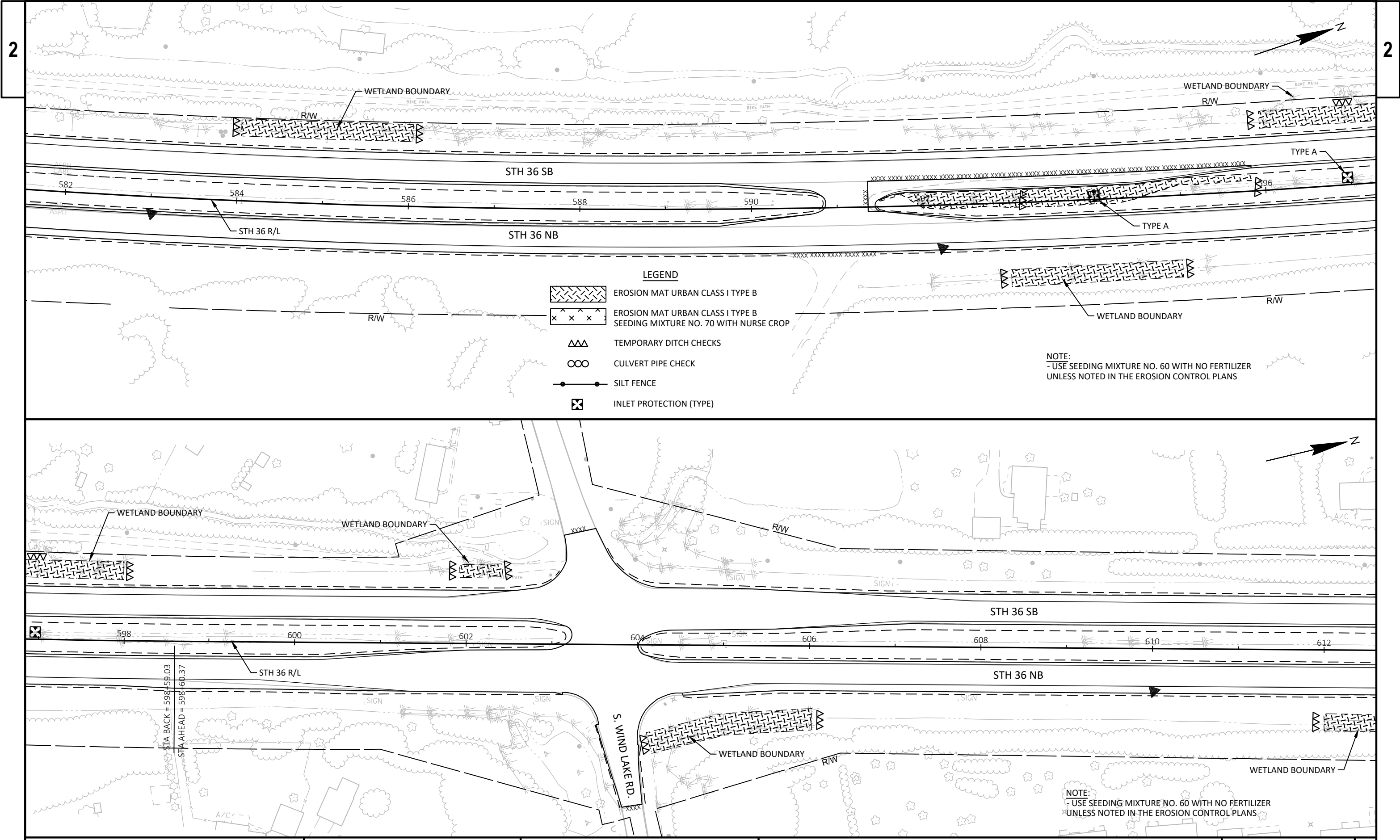
EROSION CONTROL

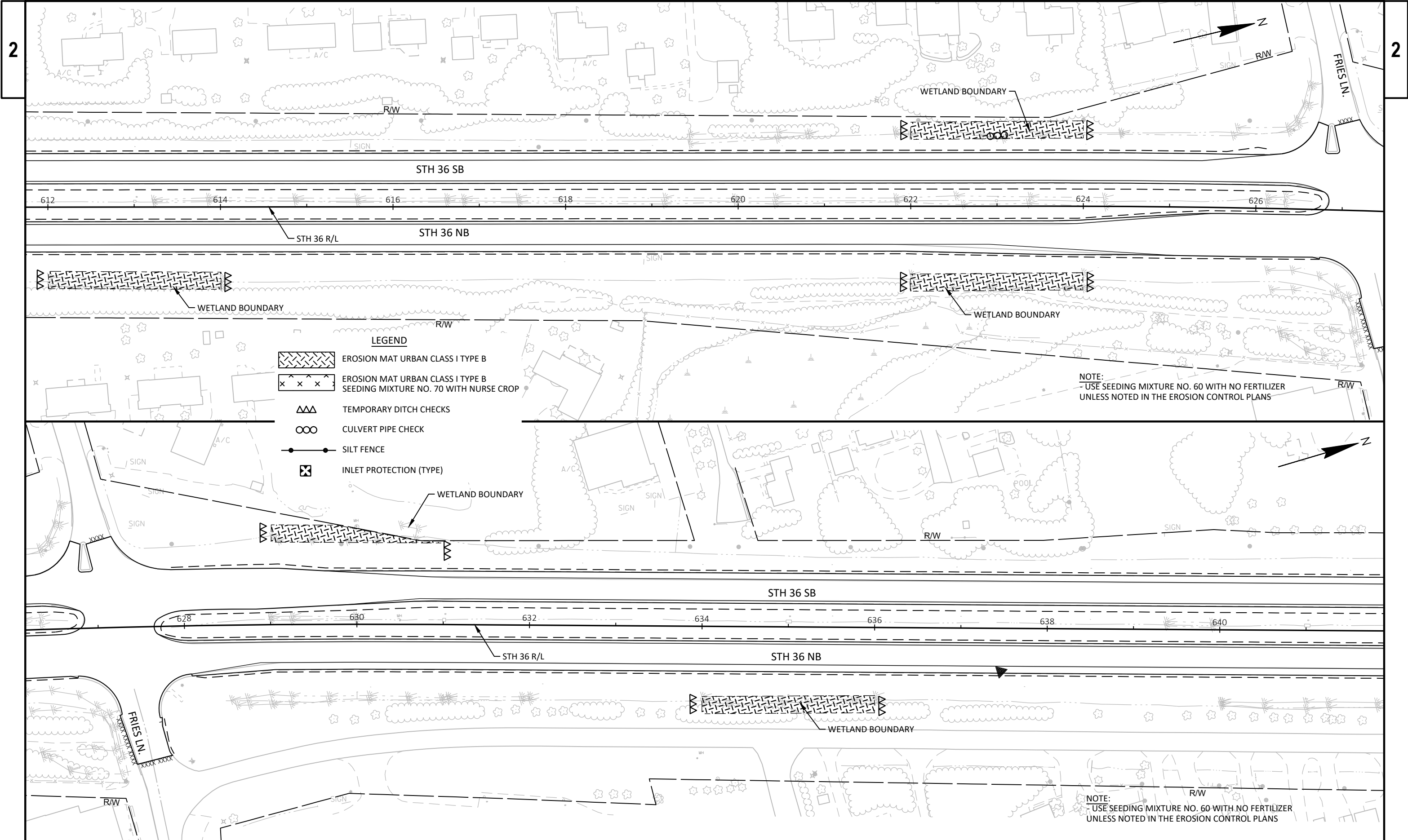
SHEET

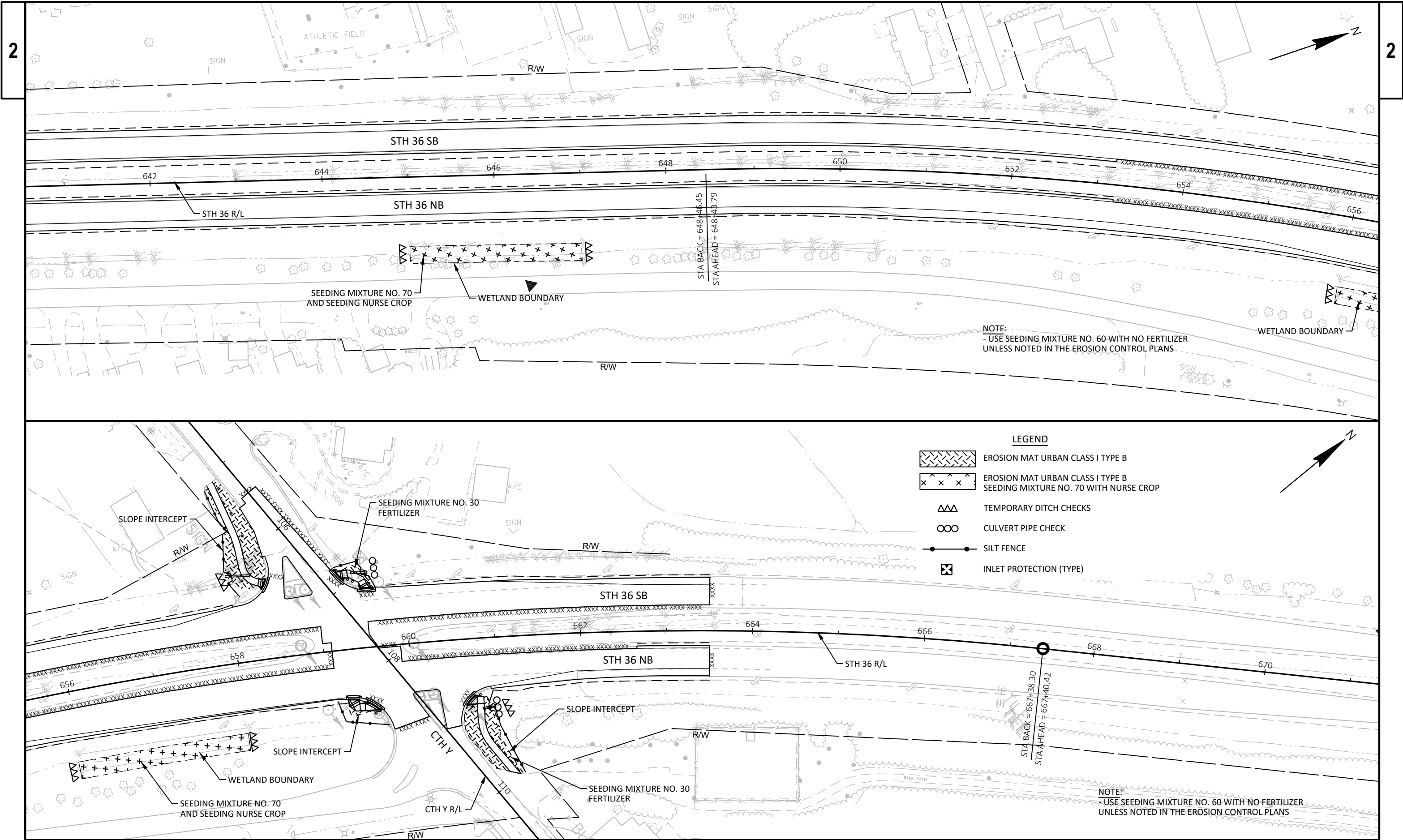
PRE_65

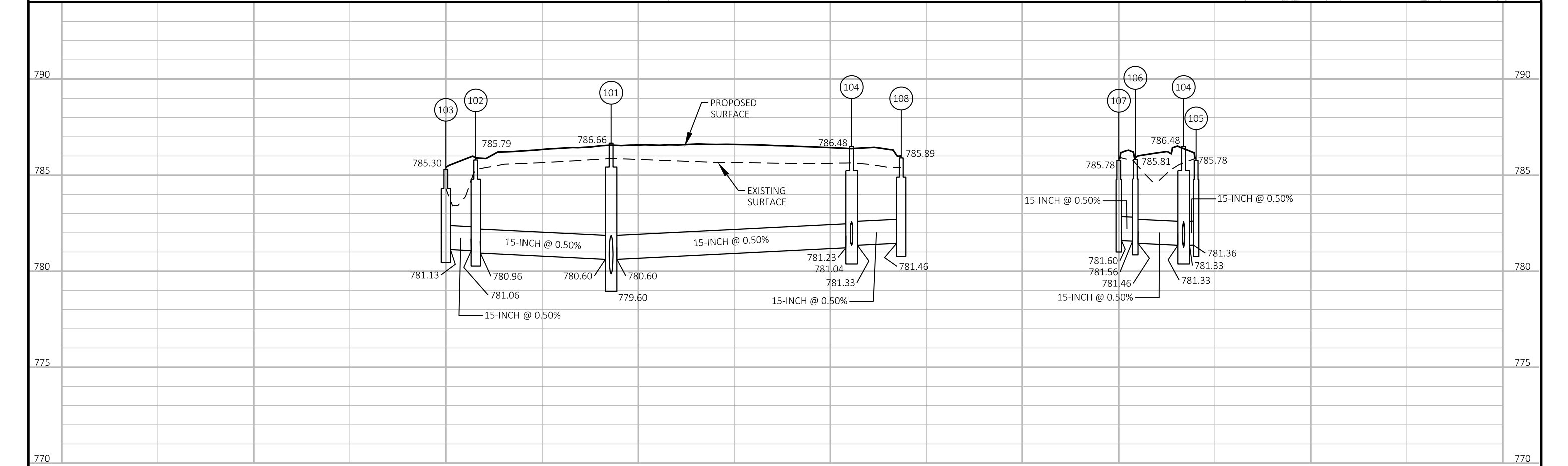
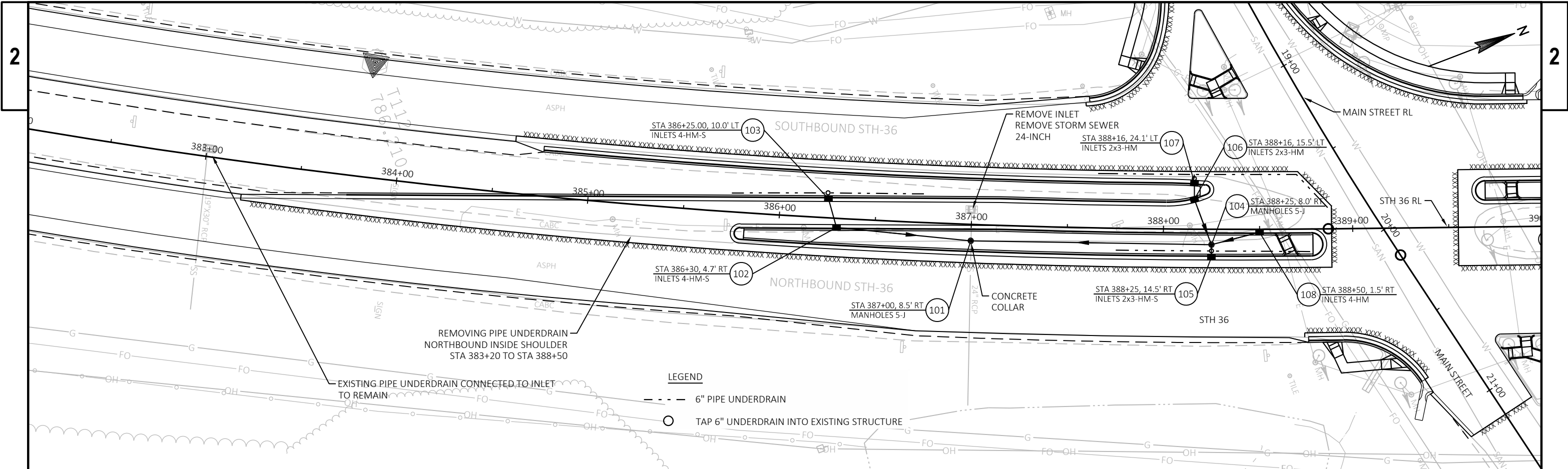
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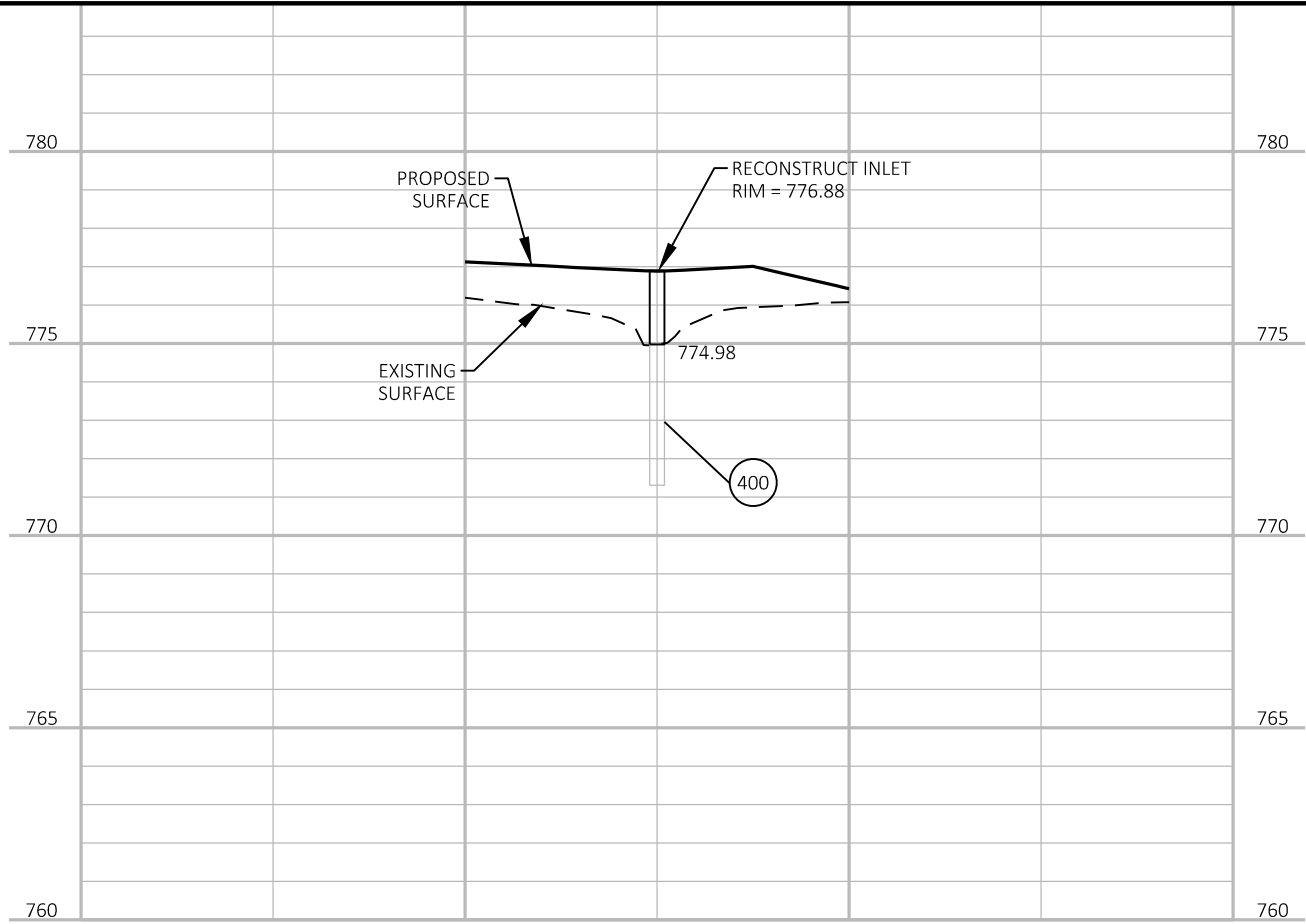
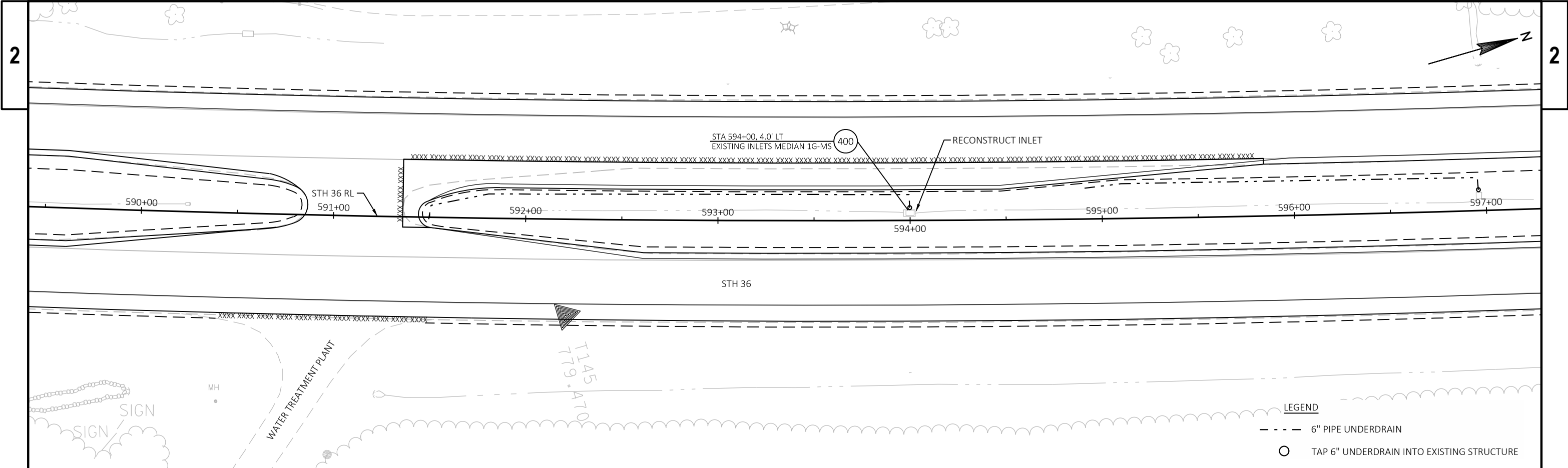






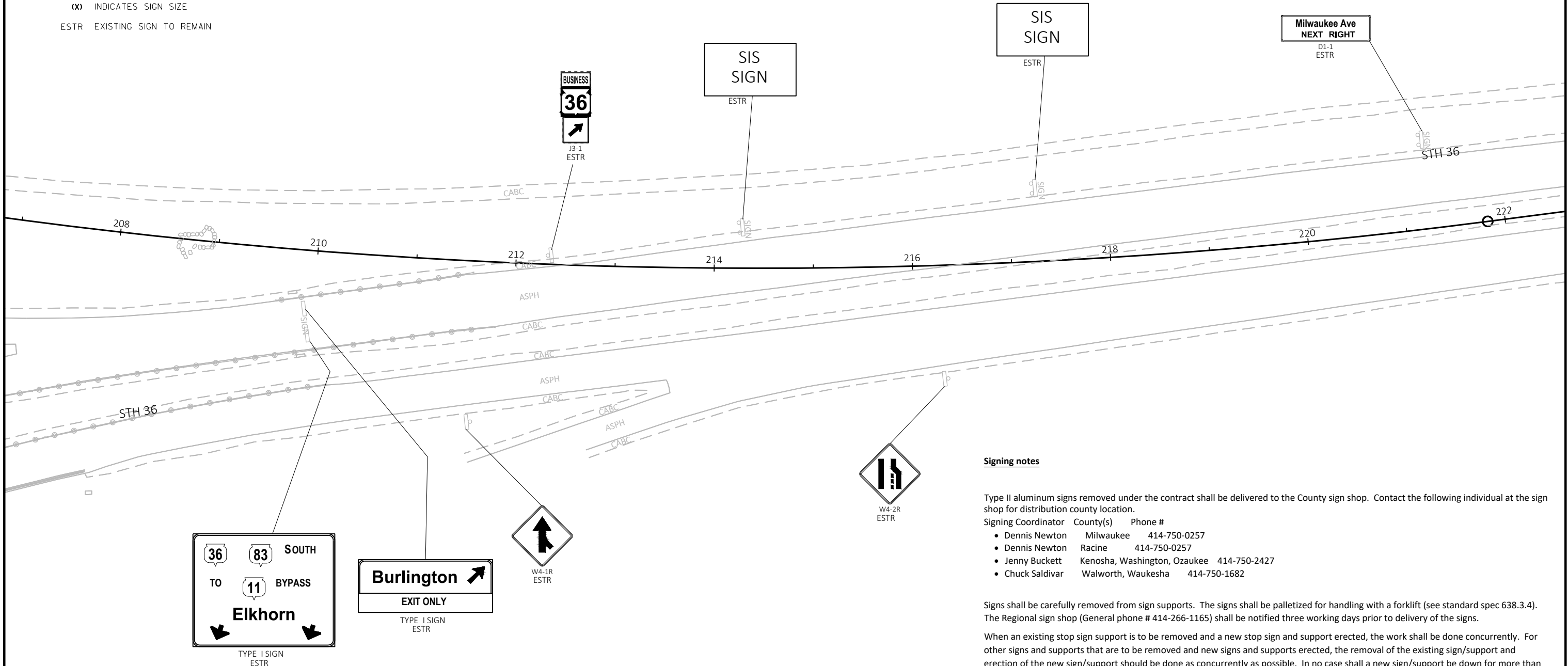






LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



Signing notes

Type II aluminum signs removed under the contract shall be delivered to the County sign shop. Contact the following individual at the sign shop for distribution county location.

Signing Coordinator	County(s)	Phone #
• Dennis Newton	Milwaukee	414-750-0257
• Dennis Newton	Racine	414-750-0257
• Jenny Buckett	Kenosha, Washington, Ozaukee	414-750-2427
• Chuck Saldivar	Walworth, Waukesha	414-750-1682

Signs shall be carefully removed from sign supports. The signs shall be palletized for handling with a forklift (see standard spec 638.3.4). The Regional sign shop (General phone # 414-266-1165) shall be notified three working days prior to delivery of the signs.

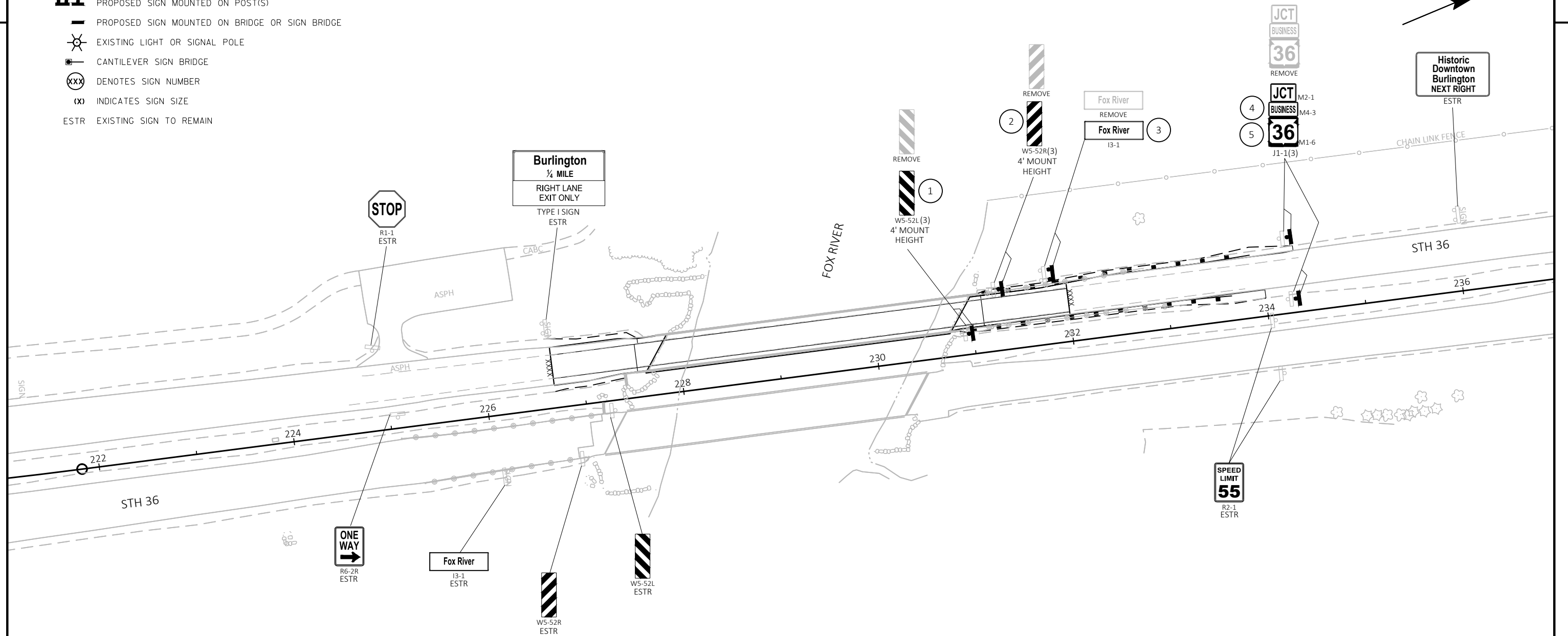
When an existing stop sign support is to be removed and a new stop sign and support erected, the work shall be done concurrently. For other signs and supports that are to be removed and new signs and supports erected, the removal of the existing sign/support and erection of the new sign/support should 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 signs are estimated lengths and the actual length will be determined in the field.

Street name signs are property of the municipality (city, village or town). The municipality shall be contacted to remove their street name signs prior to construction and it is their responsibility to reinstall the old signs or replace them following construction. WisDOT does not furnish or install street name signs. The street name signs shall not be placed on top of the STOP signs.

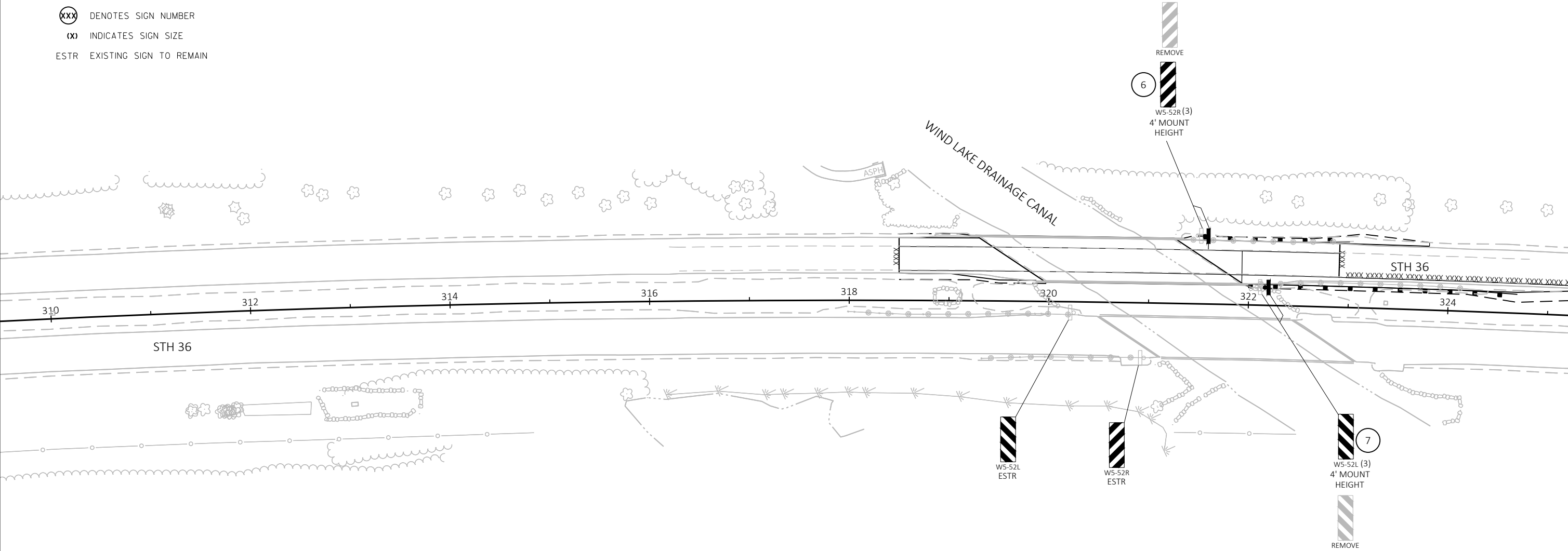
LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
PROPOSED SIGN MOUNTED ON POST(S)
PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
EXISTING LIGHT OR SIGNAL POLE
CANTILEVER SIGN BRIDGE
DENOTES SIGN NUMBER
(X) INDICATES SIGN SIZE
ESTR EXISTING SIGN TO REMAIN



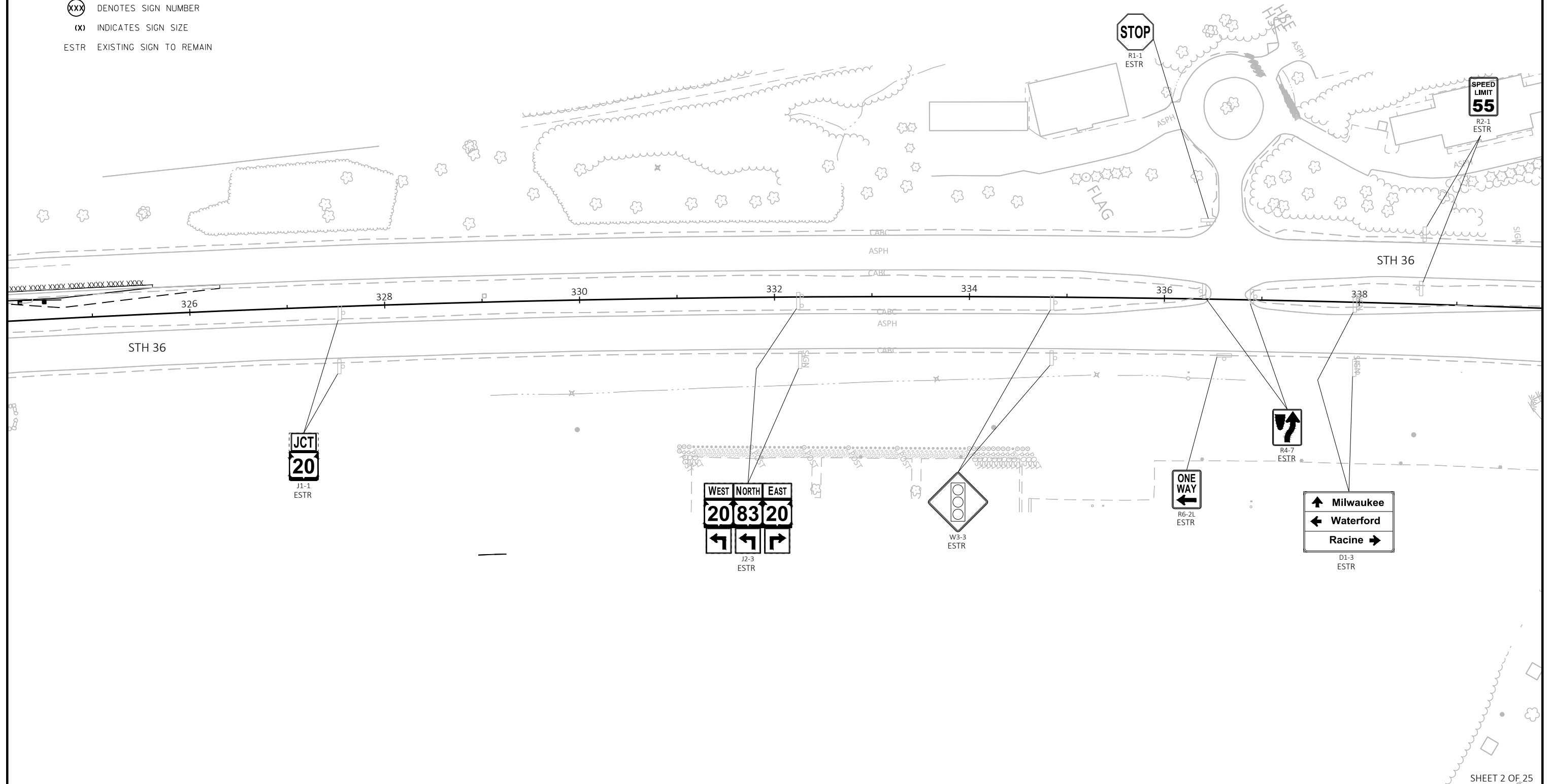
LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- EXISTING SIGN TO REMAIN



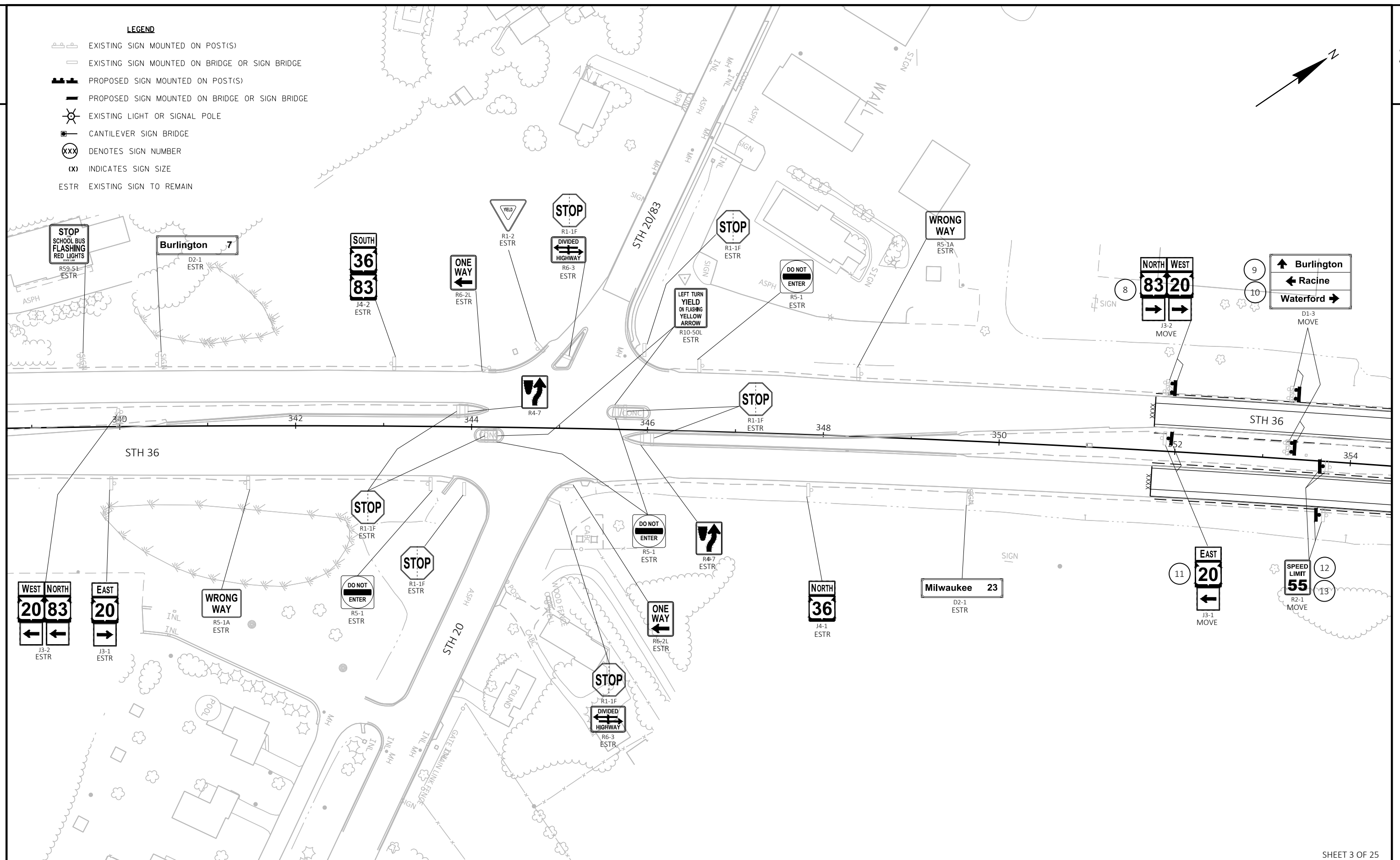
LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
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- INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
PROPOSED SIGN MOUNTED ON POST(S)
PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
EXISTING LIGHT OR SIGNAL POLE
CANTILEVER SIGN BRIDGE
DENOTES SIGN NUMBER
(X) INDICATES SIGN SIZE
ESTR EXISTING SIGN TO REMAIN



PROJECT NO: 2240-00-77

HWY: STH 36

COUNTY: RACINE

PERMANENT SIGNING PLAN

SHEET

PRE_78 E

FILE NAME: N:\PDS\C3D\CAD\22400007\SIGN\023201_PS.DWG
LAYOUT NAME: 023203_PS

PLOT DATE: 12/3/2019 2:28 PM

PLOT BY: MARTENS, KAREN L

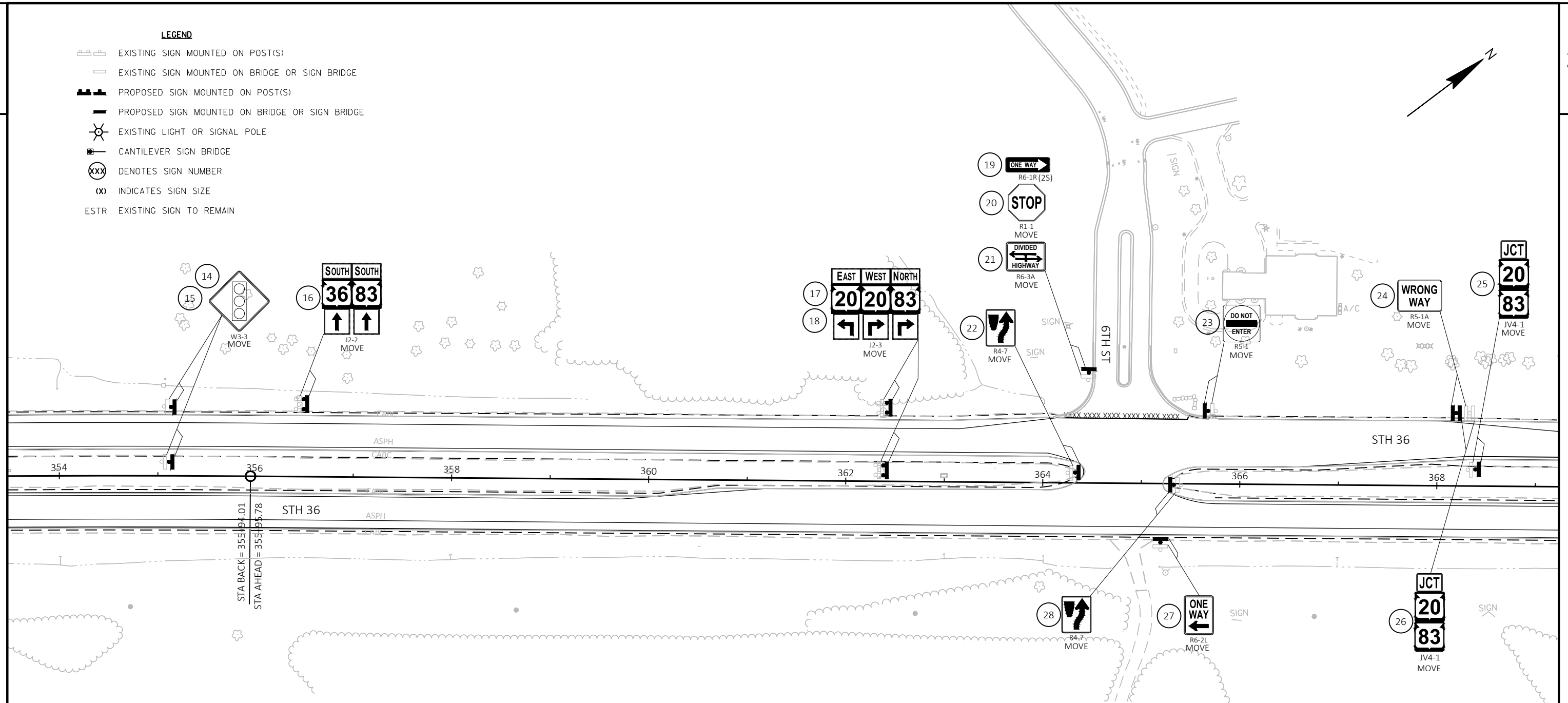
PLOT NAME:

PLOT SCALE: 1 IN:100 FT

SHEET 3 OF 25
WISDOT/CADDs SHEET 42

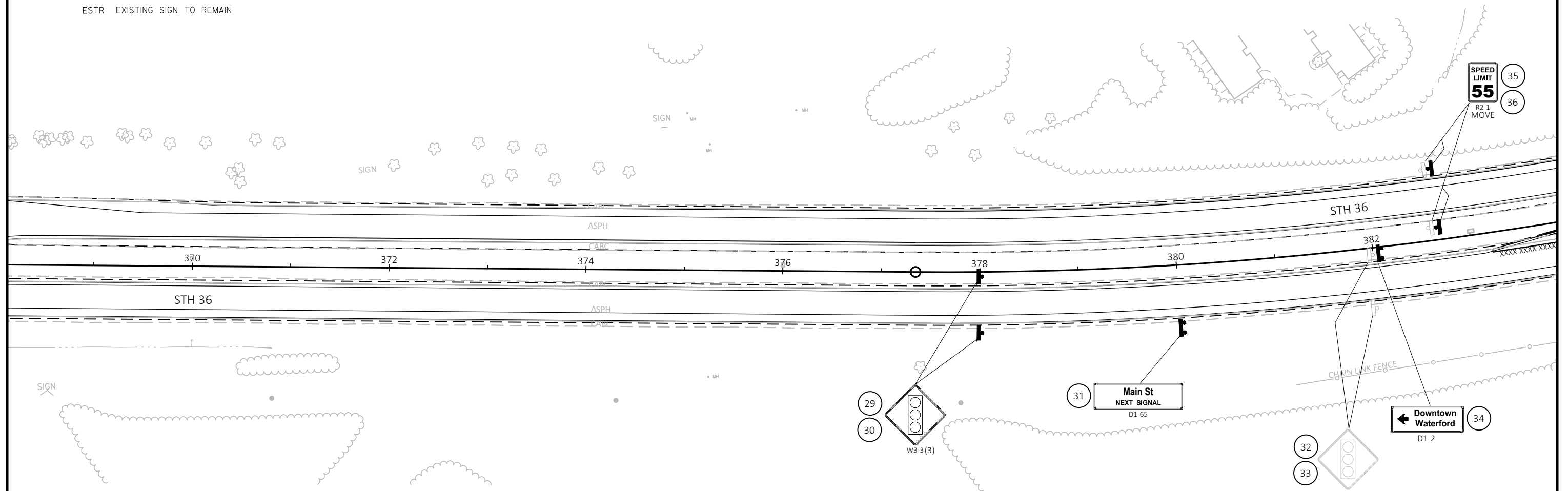
LEGEND

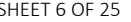
- EXISTING SIGN MOUNTED ON POST(S)
EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
PROPOSED SIGN MOUNTED ON POST(S)
PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
EXISTING LIGHT OR SIGNAL POLE
CANTILEVER SIGN BRIDGE
DENOTES SIGN NUMBER
(X) INDICATES SIGN SIZE
ESTR EXISTING SIGN TO REMAIN

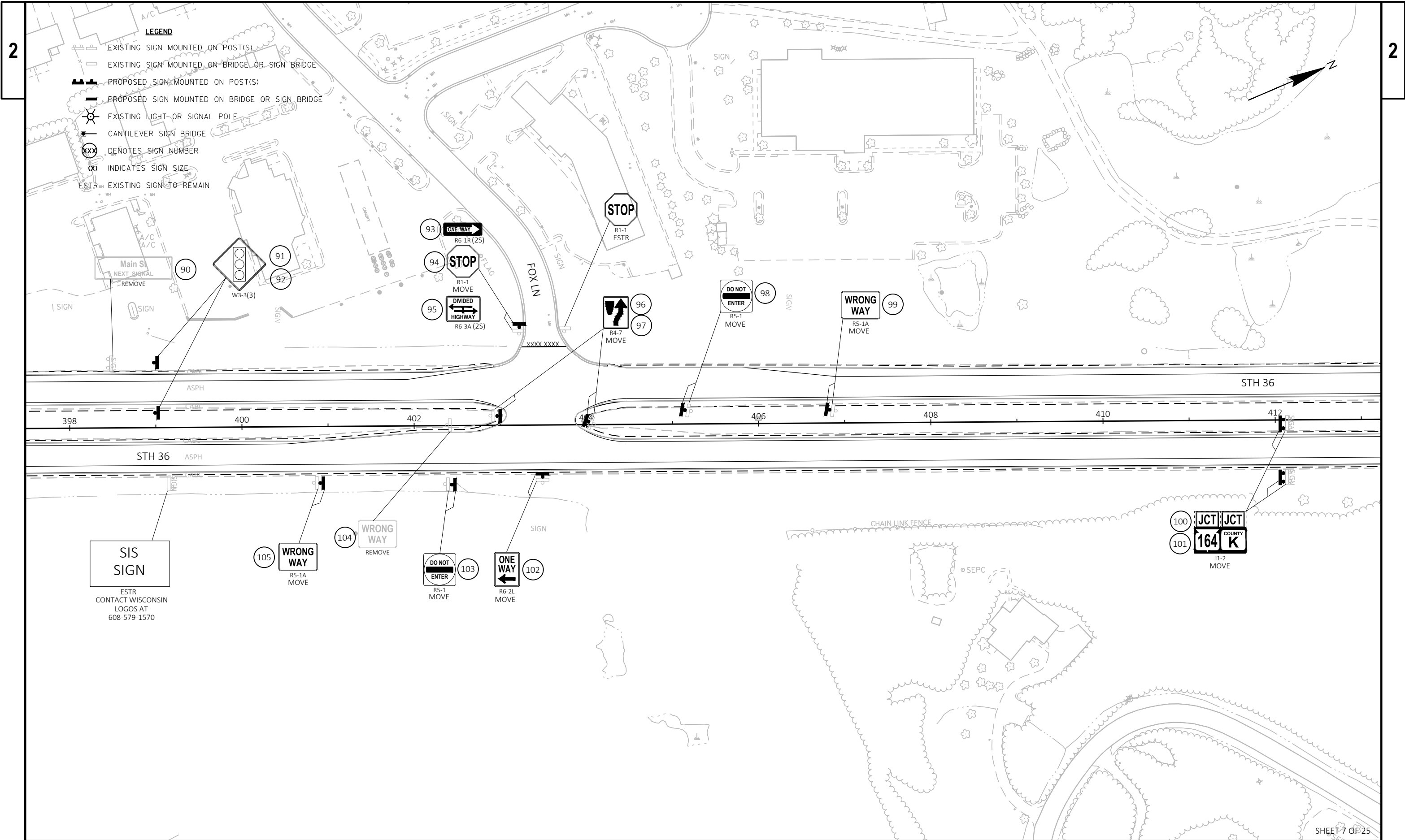


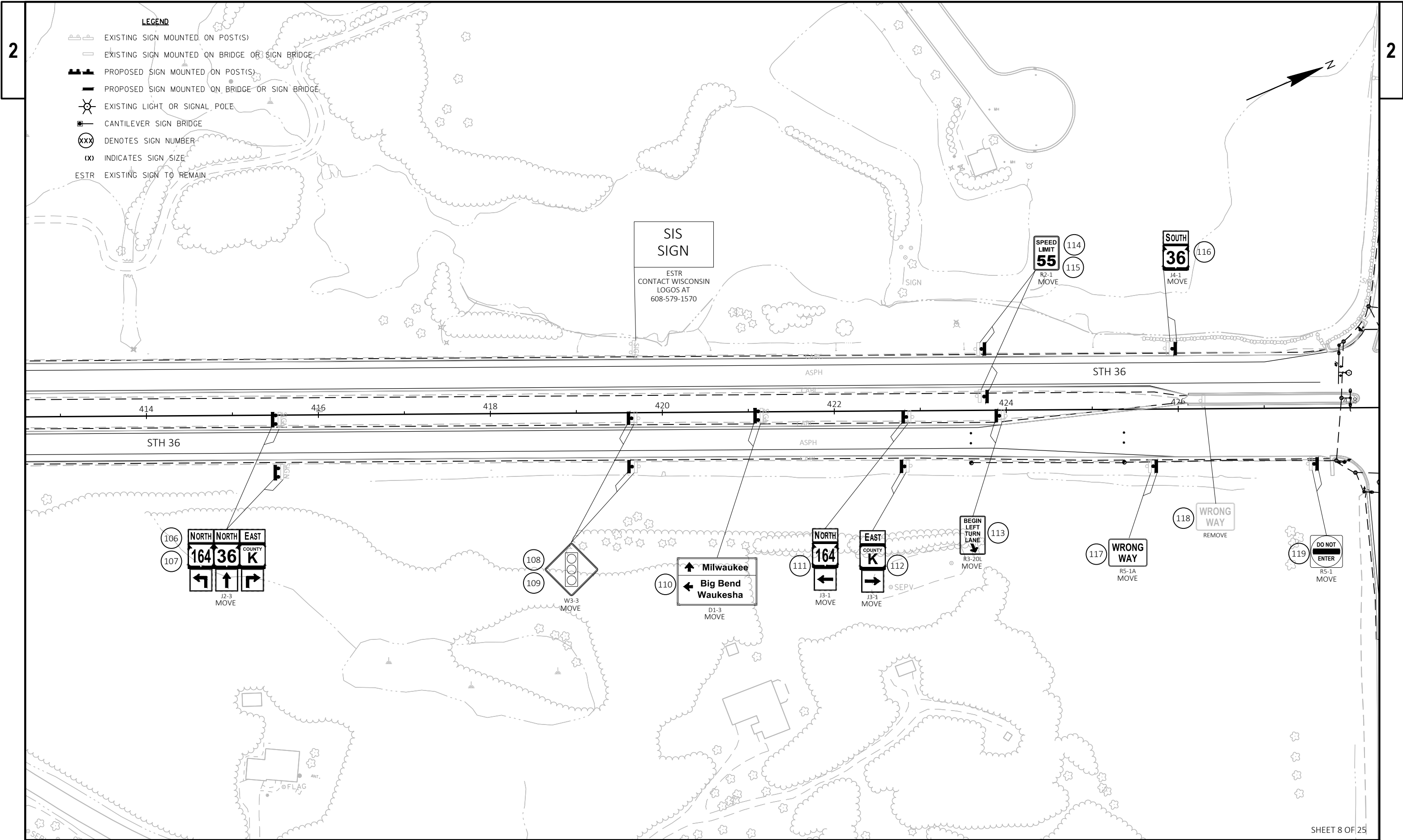
LEGEND

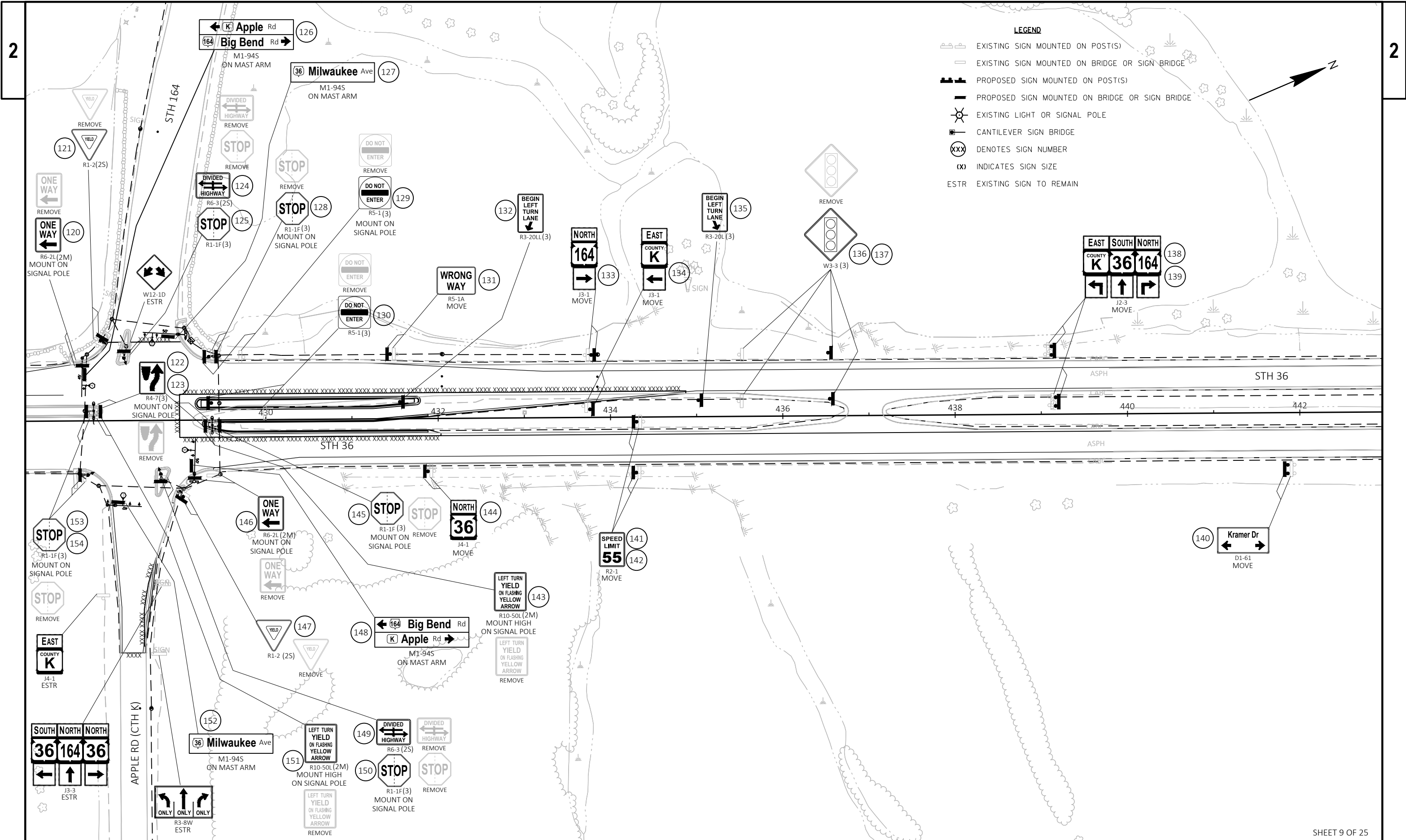
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- EXISTING SIGN TO REMAIN

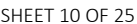


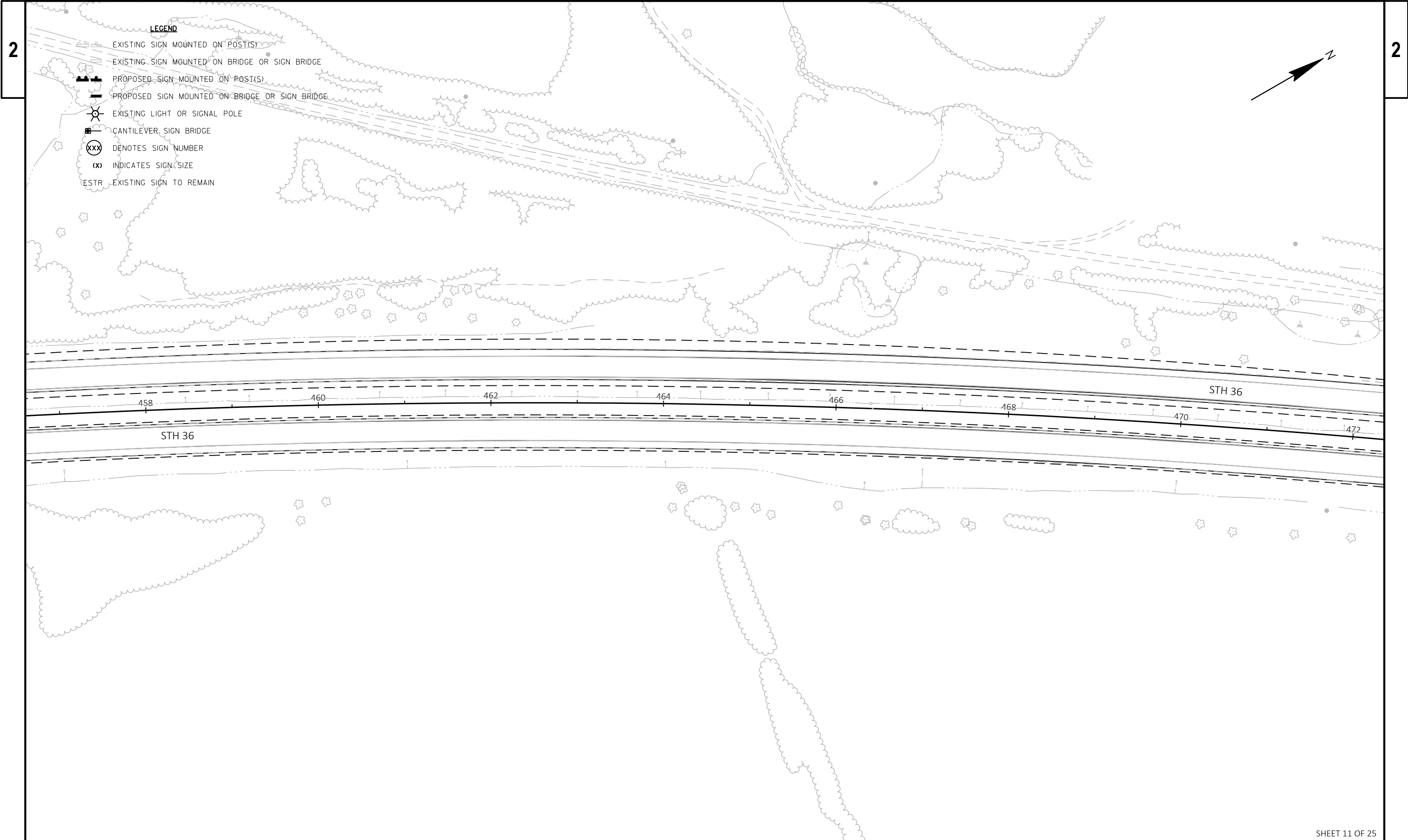










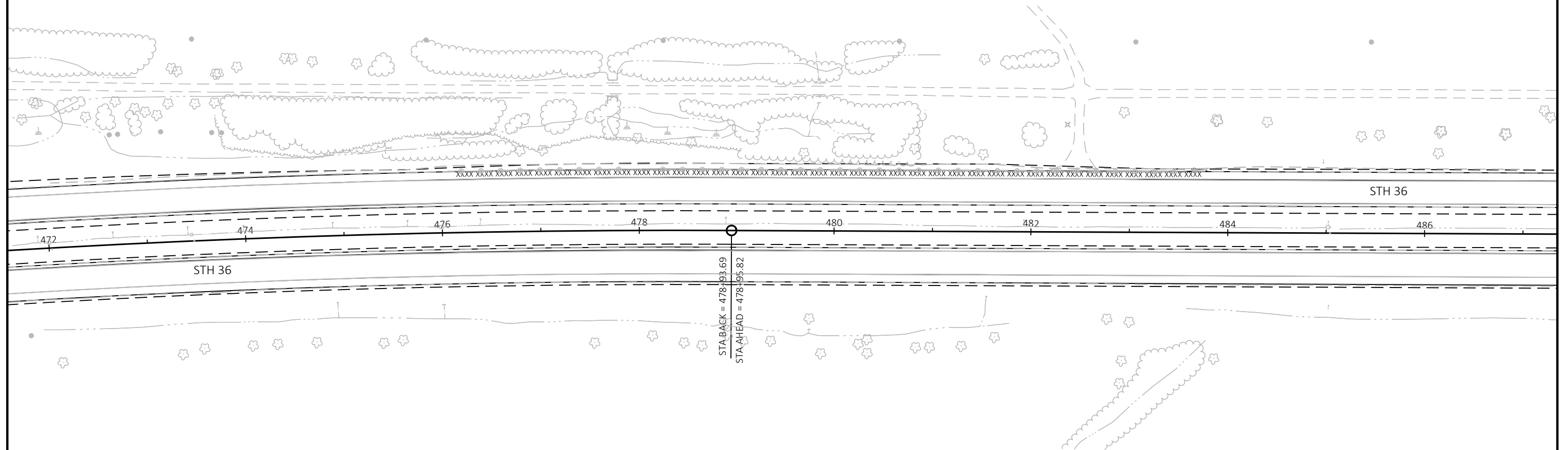
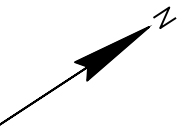


2

2

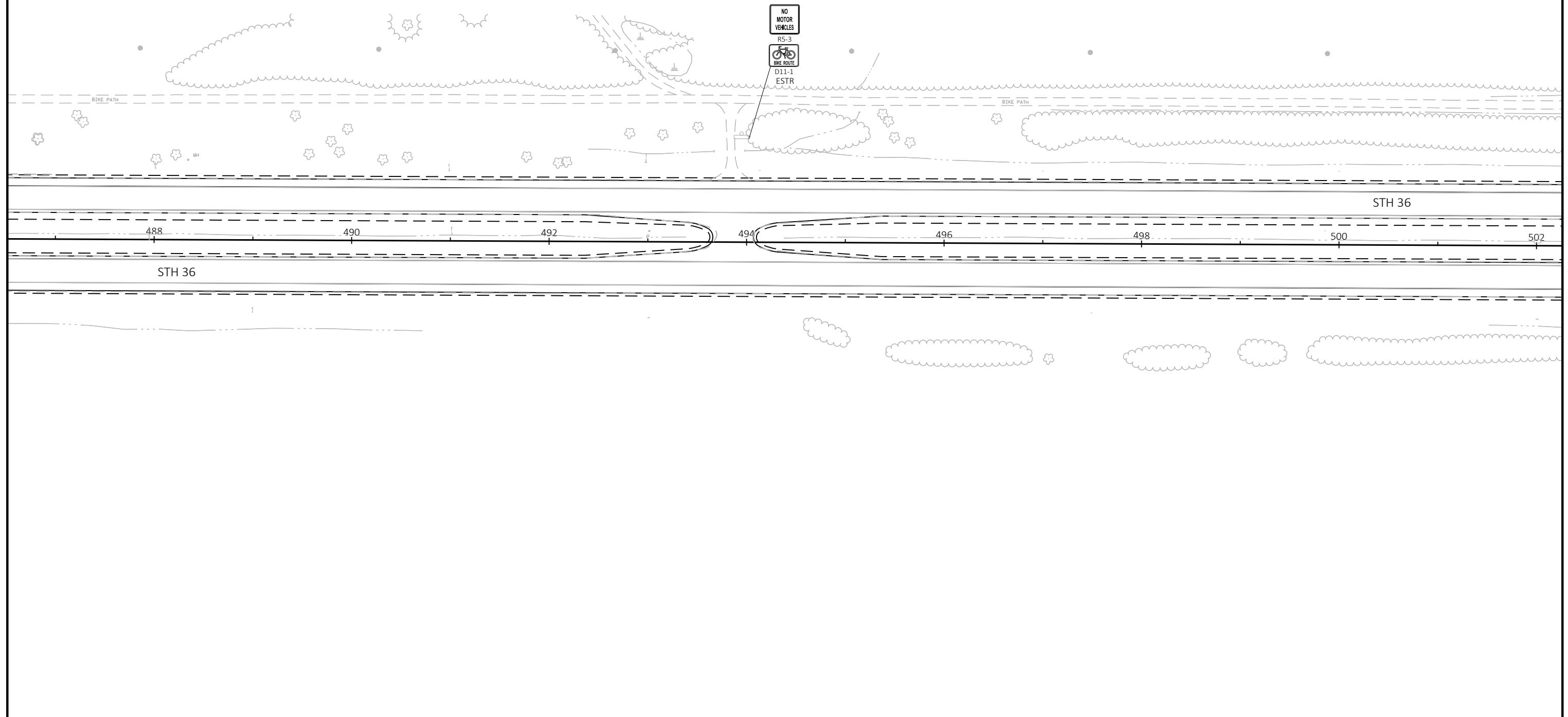
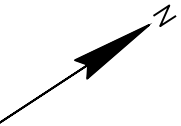
LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



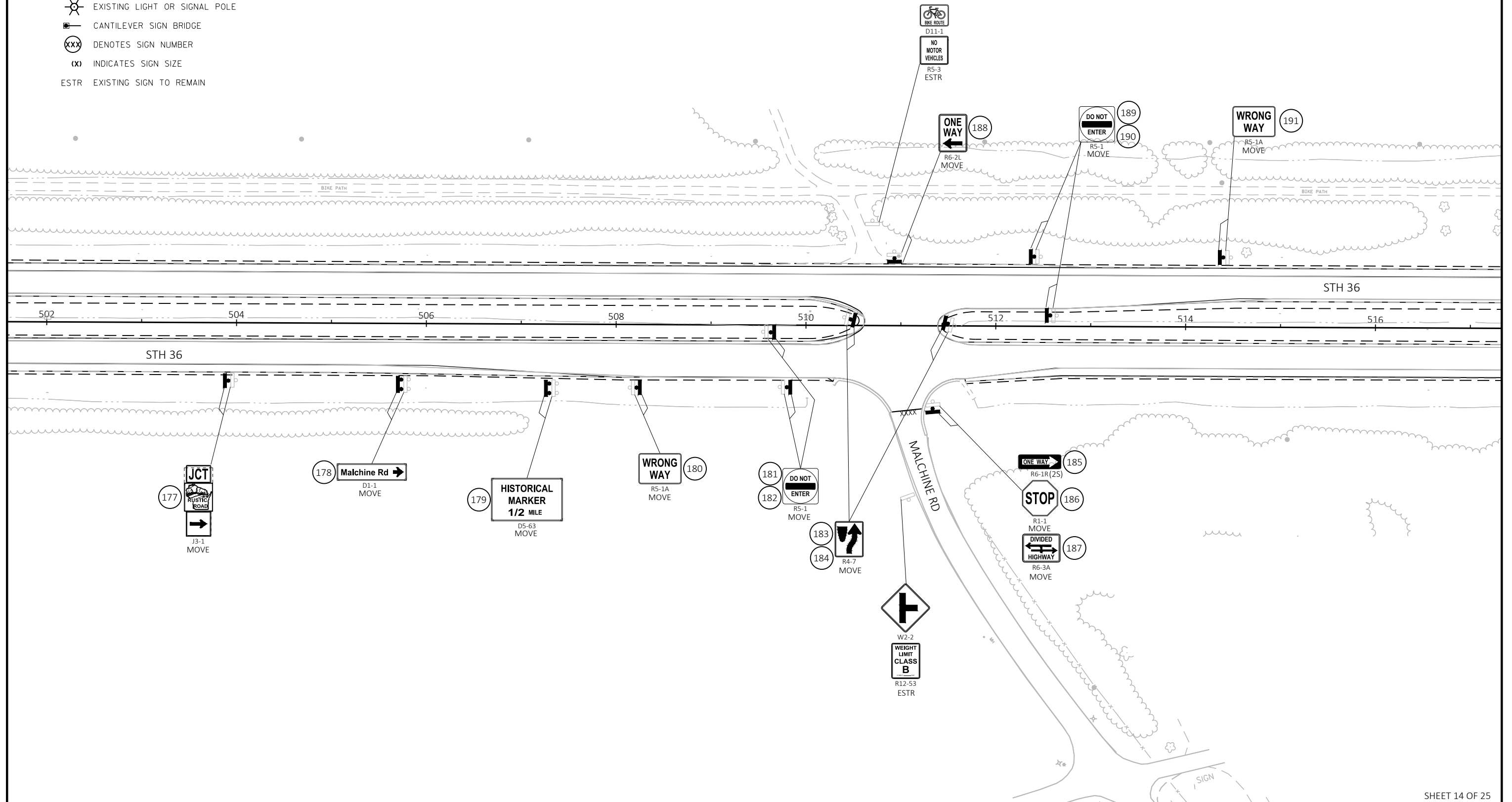
LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- EXISTING SIGN TO REMAIN



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



SHEET 14 OF 25

PROJECT NO: 2240-00-77

HWY: STH 36

COUNTY: RACINE

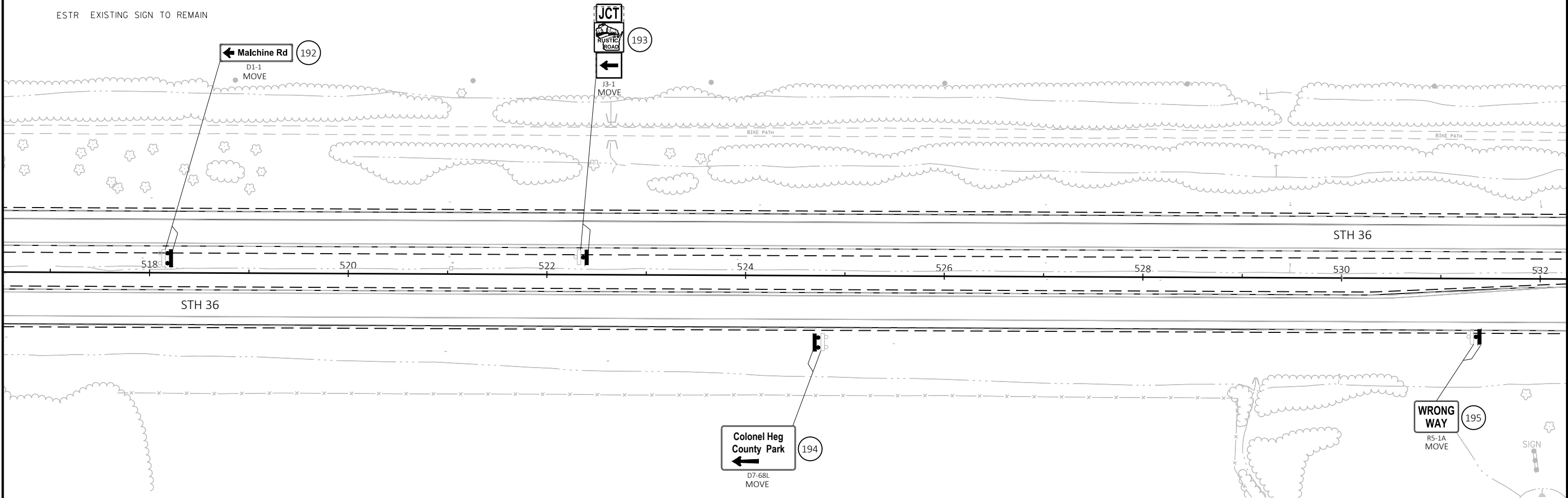
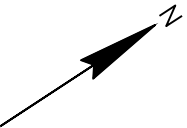
PERMANENT SIGNING PLAN

SHEET

PRE_89 E

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- EXISTING SIGN TO REMAIN



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- EXISTING SIGN TO REMAIN

Signs and Callouts:

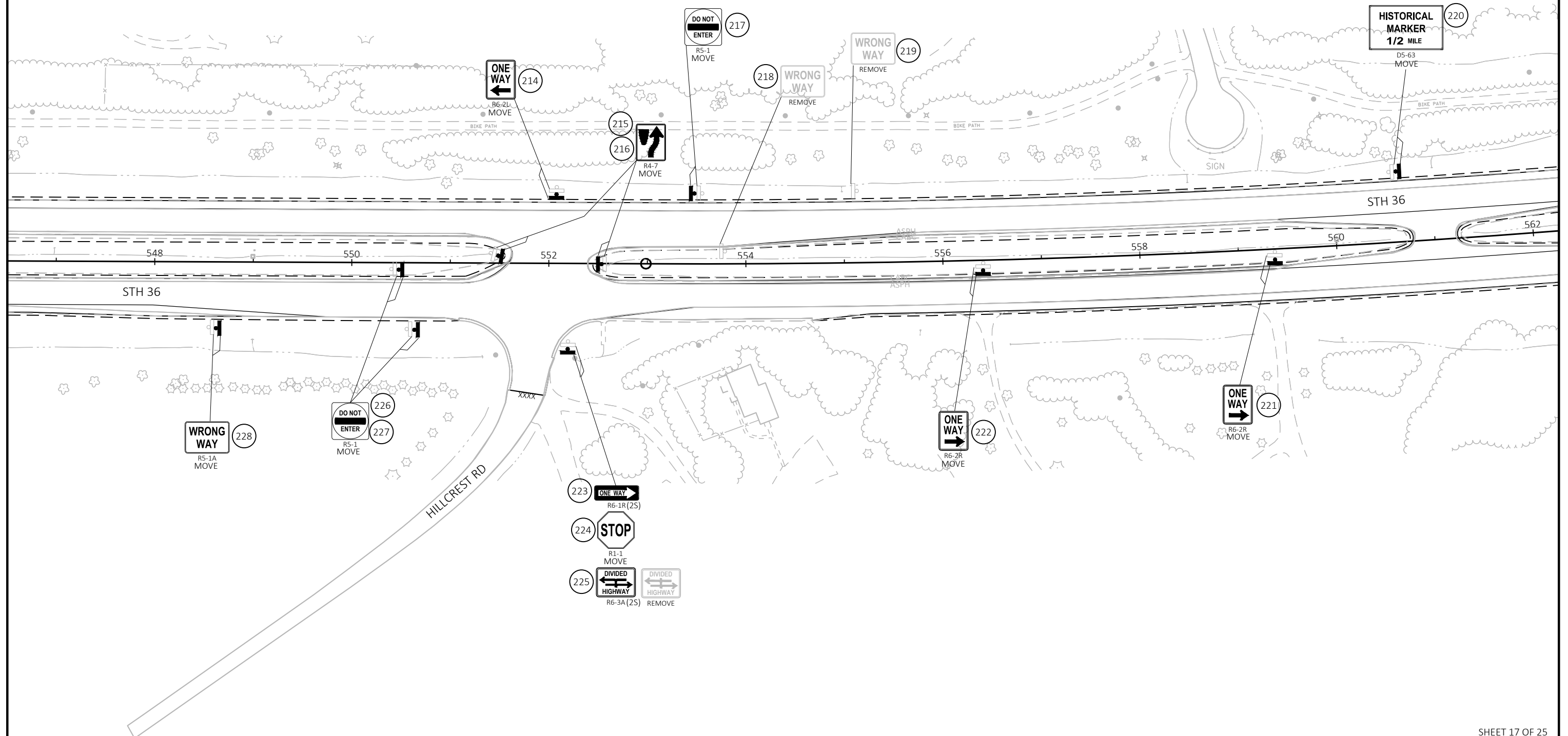
- 196, 197:** R4-7 MOVE
- 198:** ONE WAY (Right Arrow)
- 199:** STOP
- 200:** DIVIDED HIGHWAY (Remove)
- 203, 204:** DO NOT ENTER
- 205:** WRONG WAY
- 206:** HISTORICAL MARKER (Right Arrow)
- 207:** Colonel Heg County Park (Right Arrow)
- 208, 209:** S3-1 MOVE
- 210:** ONE WAY (Left Arrow)
- 211:** HISTORICAL MARKER (Left Arrow)
- 212, 213:** DO NOT ENTER
- W11-15A:** TRAIL CROSSING
- W16-7L:** TRAIL CROSSING
- R12-53:** WEIGHT LIMIT CLASS B
- R6-1R(2S):** ONE WAY
- R1-1:** STOP
- R6-3A(2S):** DIVIDED HIGHWAY
- R5-1:** DO NOT ENTER
- R5-1A:** WRONG WAY
- D5-64R:** HISTORICAL MARKER
- D7-68R:** Colonel Heg County Park
- D5-64L:** HISTORICAL MARKER
- R6-2L:** ONE WAY

Other Features:

- HEG PARK RD**
- BIKE PATH**
- ASPH**
- STH 36**
- Stationing:** 532, 534, 536, 538, 540, 542, 544, 546
- North Arrow**

LEGEND

-  EXISTING SIGN MOUNTED ON POST(S)
-  EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
-  PROPOSED SIGN MOUNTED ON POST(S)
-  PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
-  EXISTING LIGHT OR SIGNAL POLE
-  CANTILEVER SIGN BRIDGE
-  DENOTES SIGN NUMBER
-  INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



SHEET 17 OF 25

PROJECT NO: 2240-00-77

HWY: STH 36

COUNTY: RACINE

PERMANENT SIGNING PLAN

SHEET

PRE_92

E

FILE NAME : N:\PDS\C3D\CAD\22400007\SIGN\023201_PS.DWG
LAYOUT NAME - 023217_PS

PLOT DATE : 12/3/2019 2:37 PM

PLOT BY : MARTENS, KAREN L

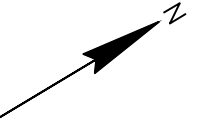
PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDs SHEET 42

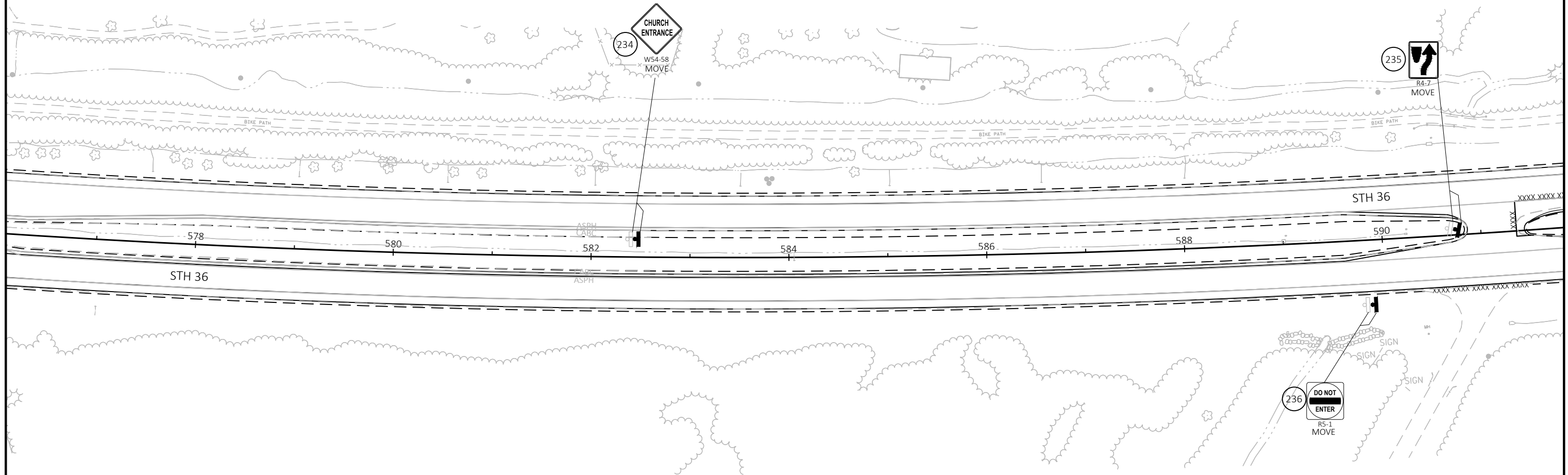
LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



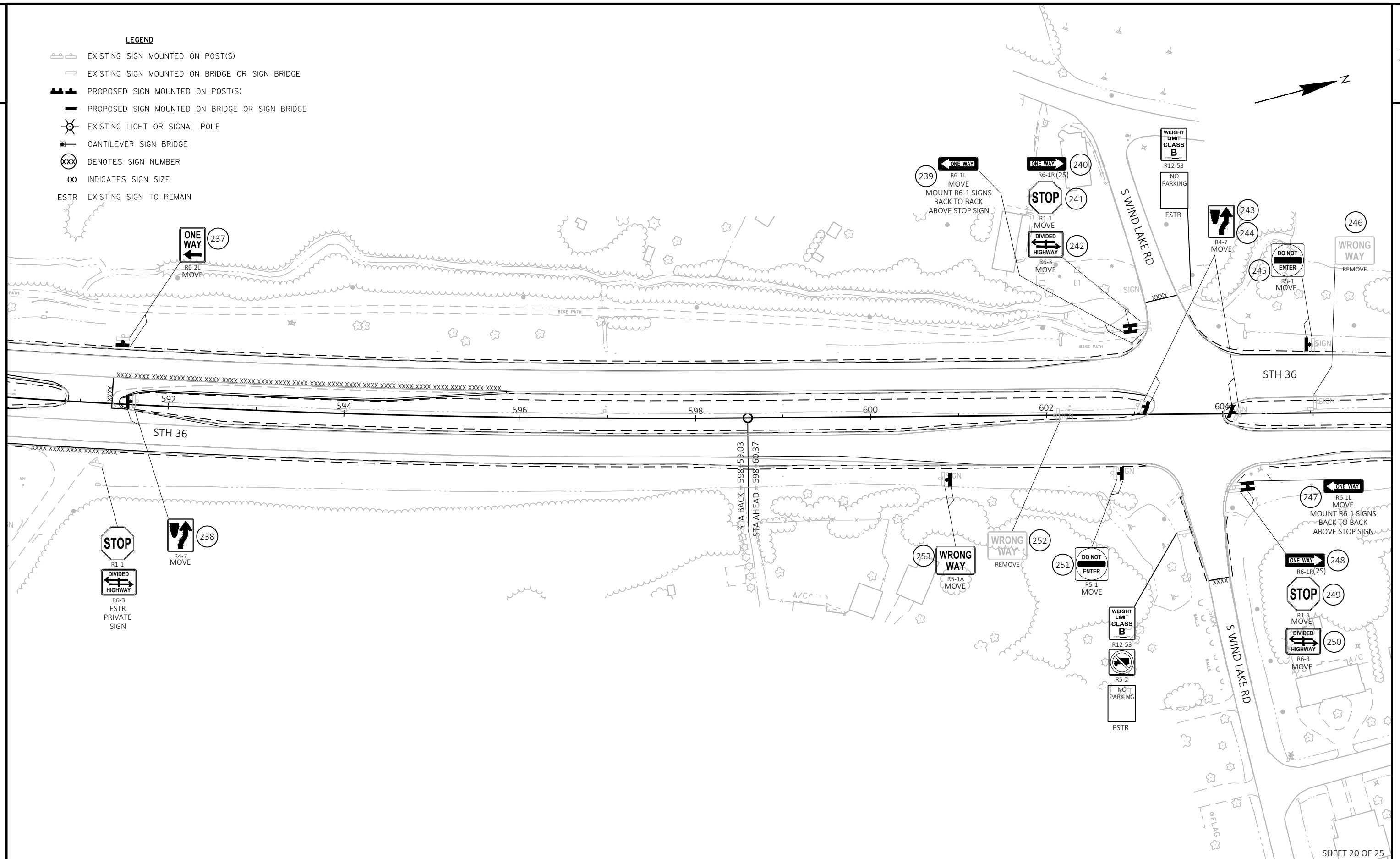
LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
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- ESTR EXISTING SIGN TO REMAIN



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
PROPOSED SIGN MOUNTED ON POST(S)
PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
EXISTING LIGHT OR SIGNAL POLE
CANTILEVER SIGN BRIDGE
DENOTES SIGN NUMBER
(X) INDICATES SIGN SIZE
ESTR EXISTING SIGN TO REMAIN



PROJECT NO: 2240-00-77

HWY: STH 36

COUNTY: RACINE

PERMANENT SIGNING PLAN

SHEET

PRE_95

E

FILE NAME : N:\PDS\C3D\CAD\22400007\SIGN\023201_PS.DWG
LAYOUT NAME - 023220_PS

PLOT DATE : 12/3/2019 2:39 PM

PLOT BY : MARTENS, KAREN L

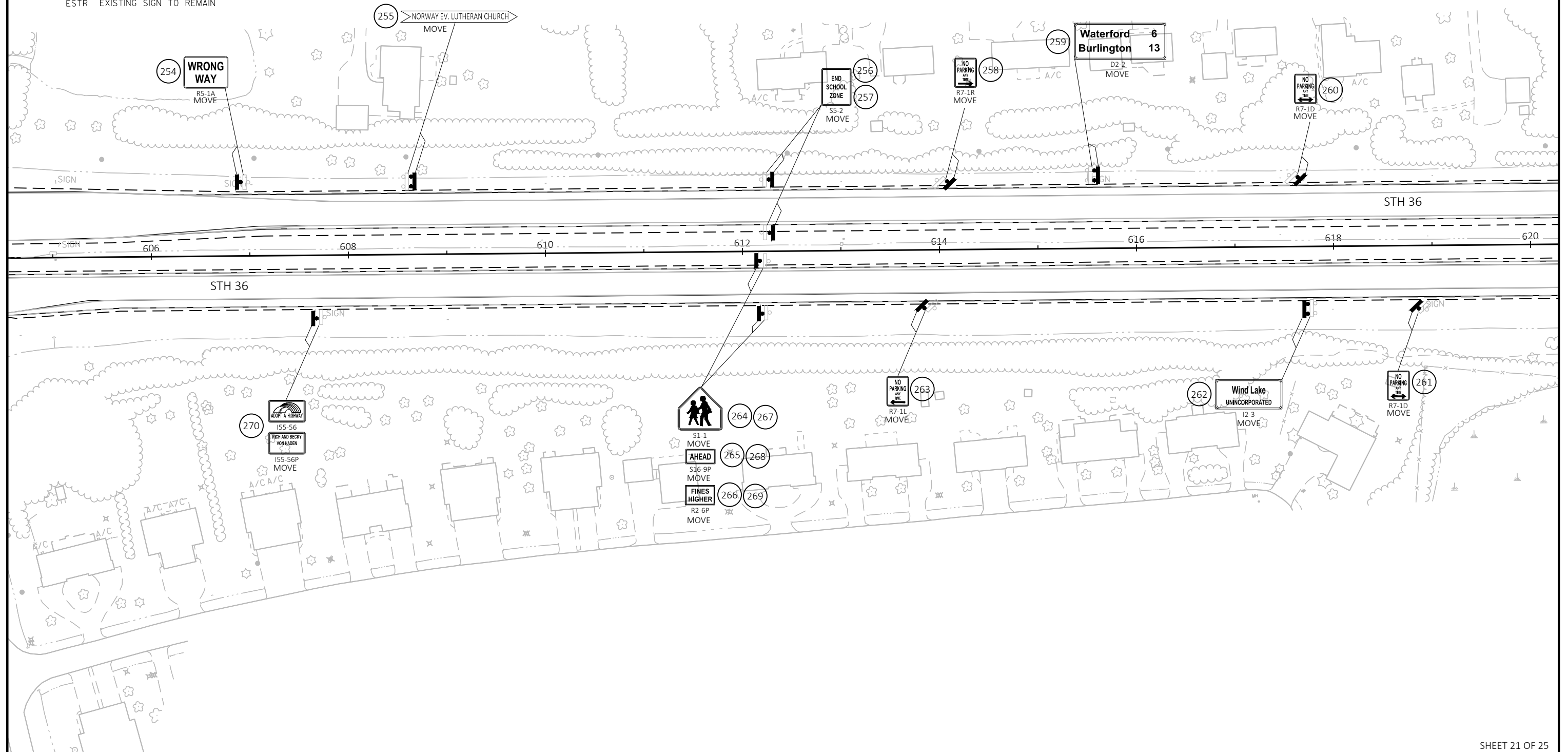
PLOT NAME :

PLOT SCALE : 1 IN:100 FT

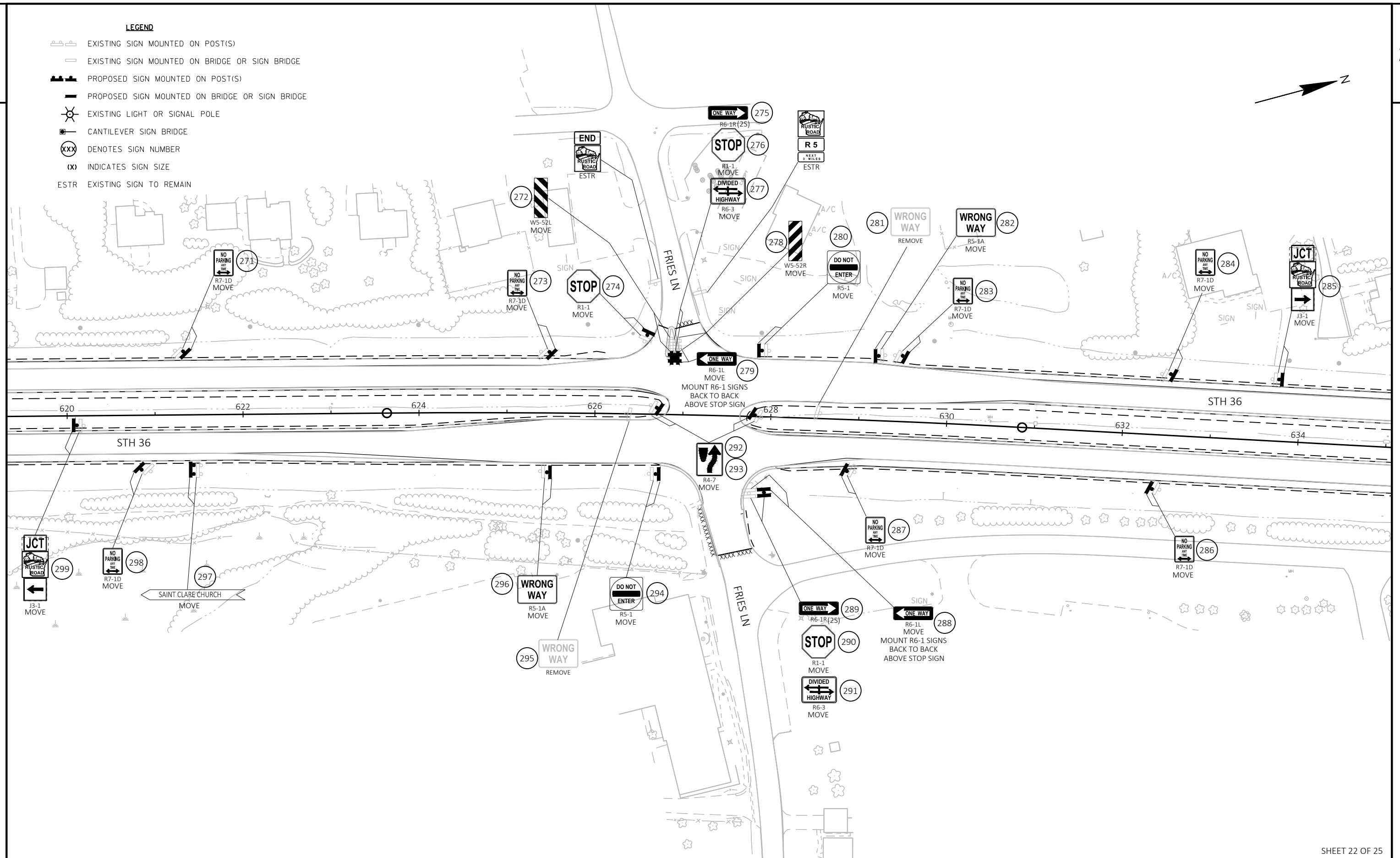
SHEET 20 OF 25
WISDOT/CADDs SHEET 42

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
PROPOSED SIGN MOUNTED ON POST(S)
PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
EXISTING LIGHT OR SIGNAL POLE
CANTILEVER SIGN BRIDGE
DENOTES SIGN NUMBER
(X) INDICATES SIGN SIZE
ESTR EXISTING SIGN TO REMAIN

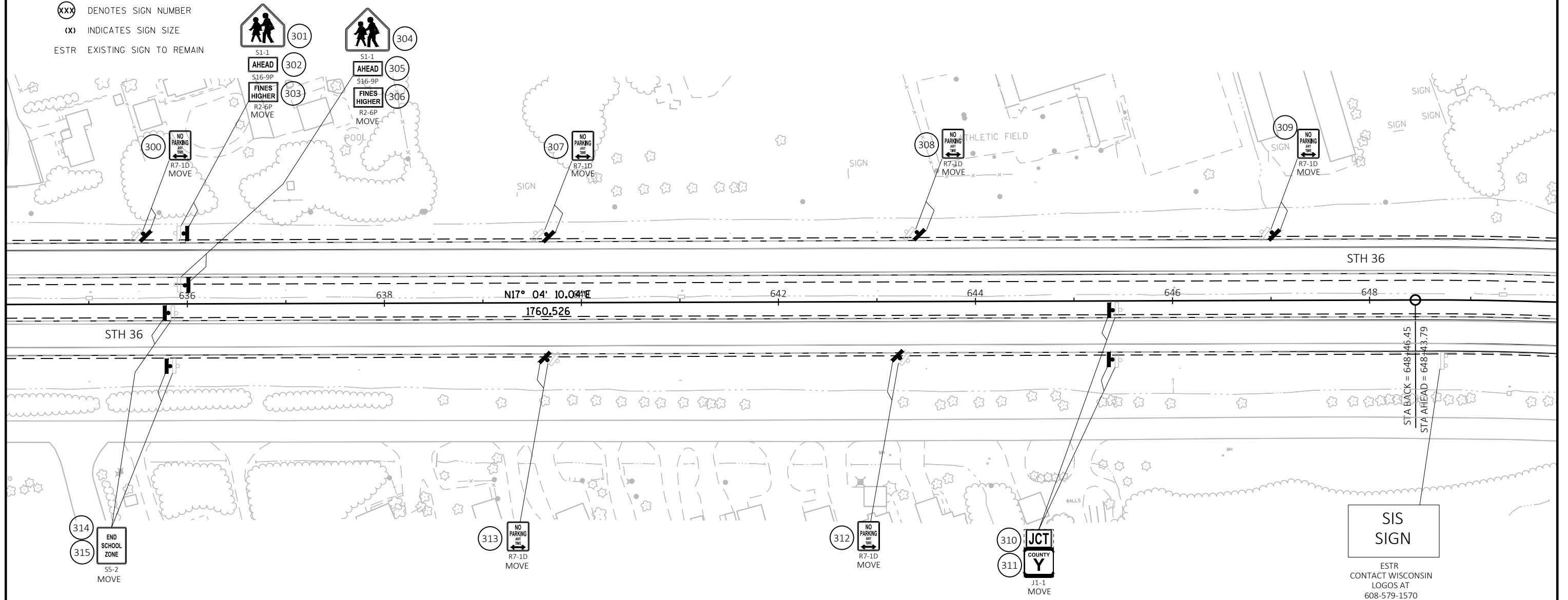


	EXISTING SIGN MOUNTED ON POST(S)
	EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
	PROPOSED SIGN MOUNTED ON POST(S)
	PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
	EXISTING LIGHT OR SIGNAL POLE
	CANTILEVER SIGN BRIDGE
	DENOTES SIGN NUMBER
	INDICATES SIGN SIZE
ESTR	EXISTING SIGN TO REMAIN



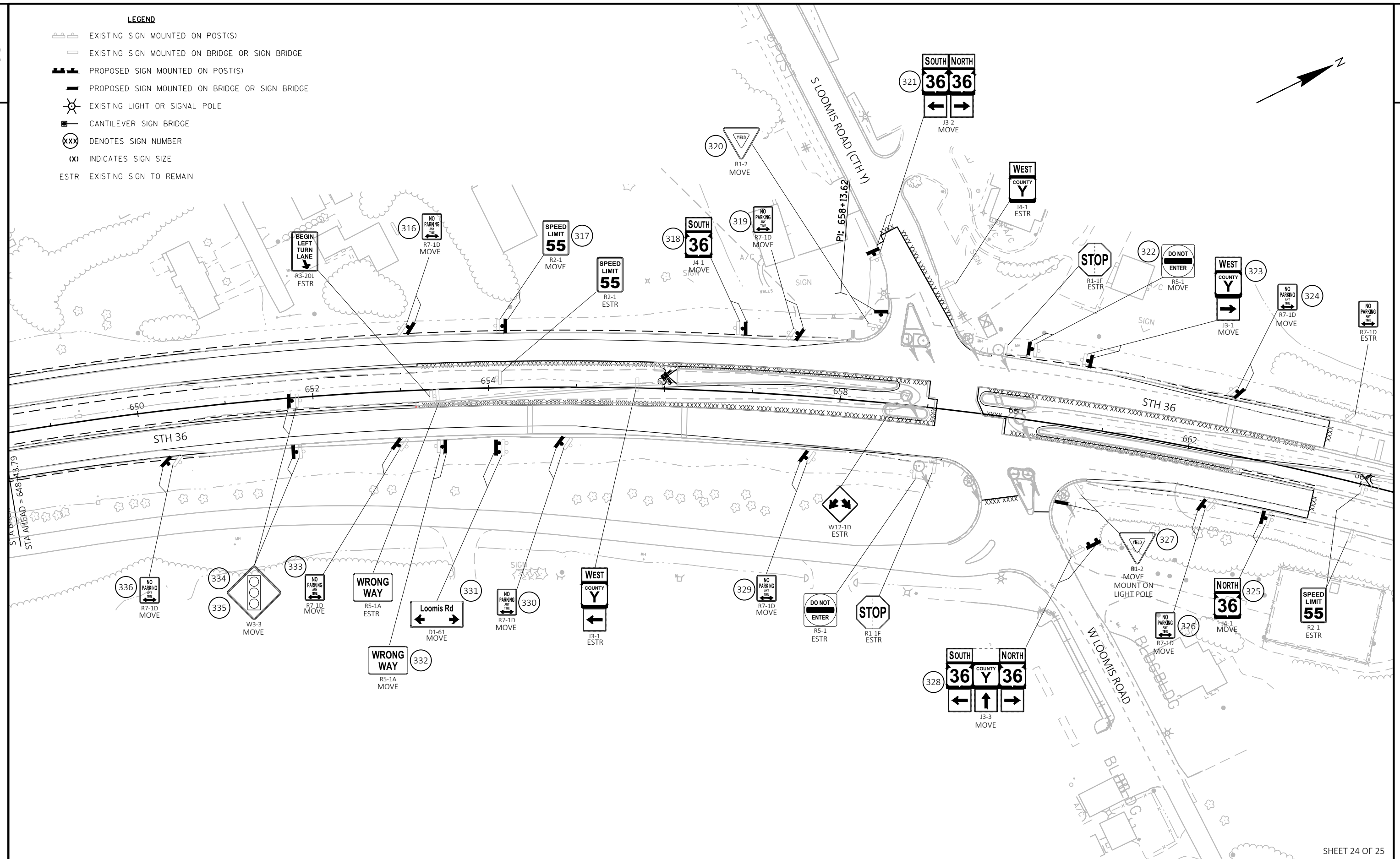
LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



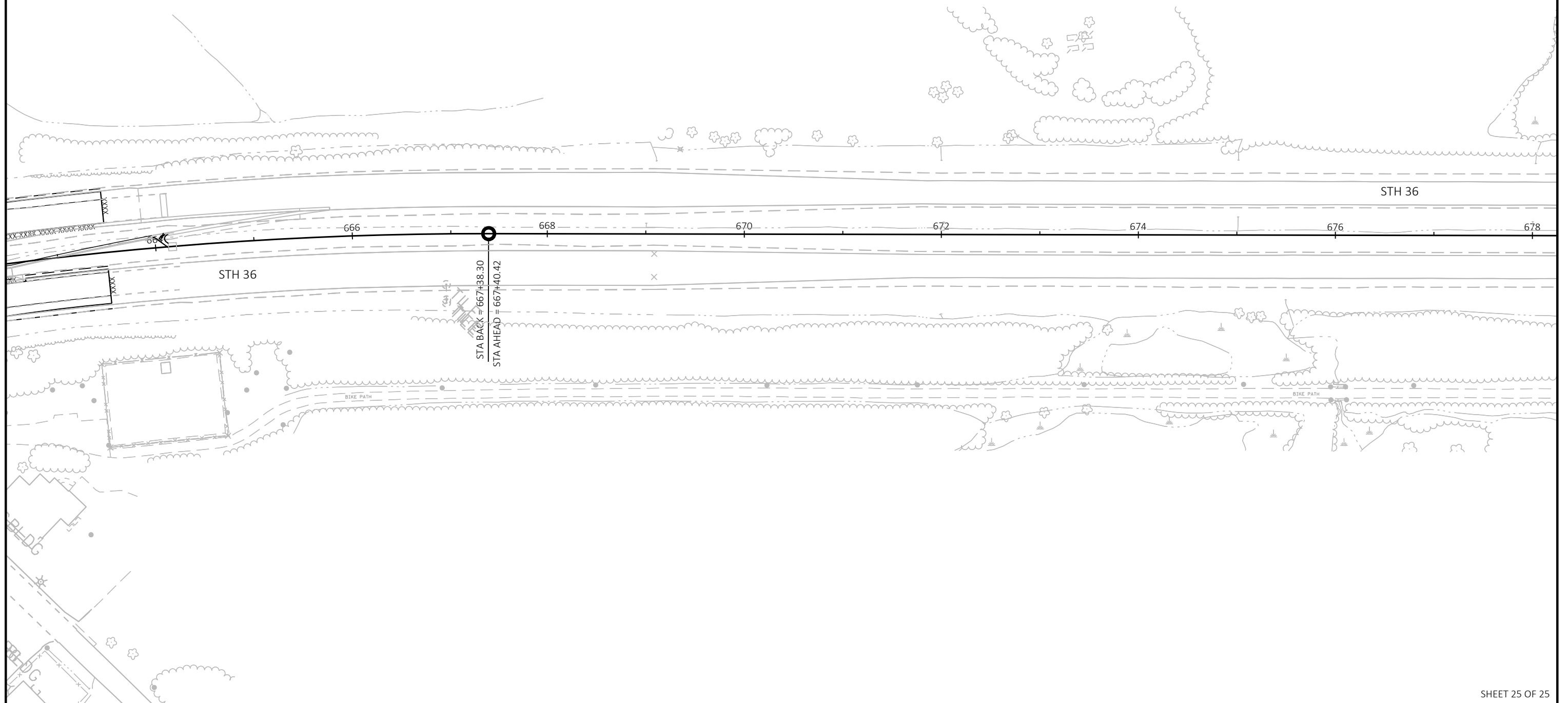
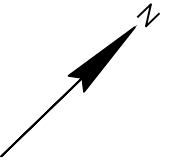
LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
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LEGEND

-  EXISTING SIGN MOUNTED ON POST(S)
 EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
 PROPOSED SIGN MOUNTED ON POST(S)
 PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
 EXISTING LIGHT OR SIGNAL POLE
 CANTILEVER SIGN BRIDGE
 DENOTES SIGN NUMBER
 INDICATES SIGN SIZE
ESTR EXISTING SIGN TO REMAIN



SHEET 25 OF 25

PROJECT NO: 2240-00-77

HWY: STH 36

COUNTY: RACINE

PERMANENT SIGNING PLAN

SHEET

PRE_100 E

FILE NAME : N:\PDS\C3D\CAD\22400007\SIGN\023201_PS.DWG
LAYOUT NAME - 023225_PS

PLOT DATE : 12/3/2019 2:42 PM

PLOT BY : MARTENS, KAREN L

PLOT NAME :

PLOT SCALE : 1 IN:100 FT

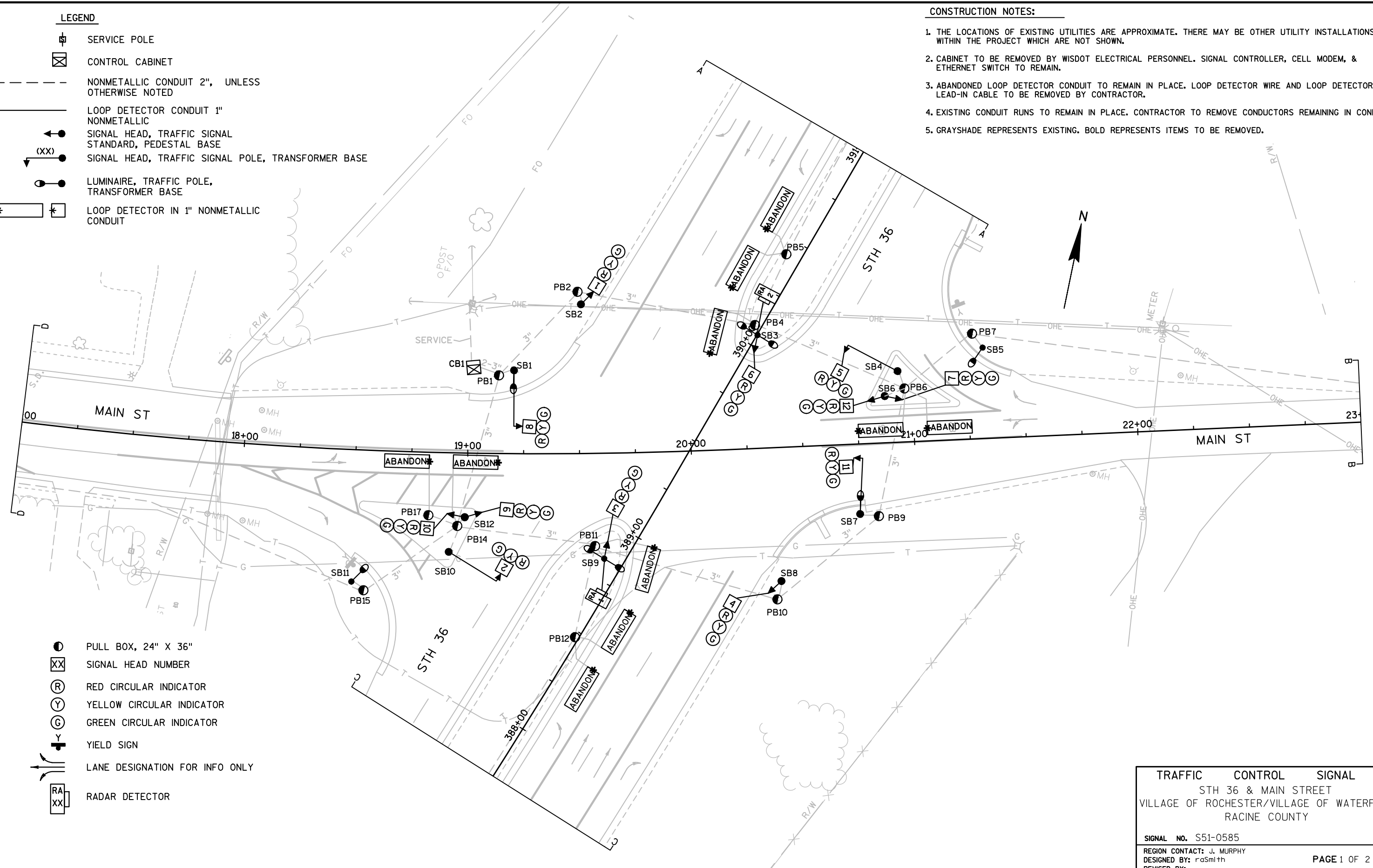
WISDOT/CADDs SHEET 42

LEGEND

- ⚡ SERVICE POLE
- ☒ CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- * LOOP DETECTOR IN 1" NONMETALLIC CONDUIT

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. CABINET TO BE REMOVED BY WISDOT ELECTRICAL PERSONNEL. SIGNAL CONTROLLER, CELL MODEM, & ETHERNET SWITCH TO REMAIN.
3. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP DETECTOR WIRE AND LOOP DETECTOR LEAD-IN CABLE TO BE REMOVED BY CONTRACTOR.
4. EXISTING CONDUIT RUNS TO REMAIN IN PLACE. CONTRACTOR TO REMOVE CONDUCTORS REMAINING IN CONDUIT.
5. GRAYSHADE REPRESENTS EXISTING. BOLD REPRESENTS ITEMS TO BE REMOVED.



TRAFFIC CONTROL SIGNAL		
STH 36 & MAIN STREET		
VILLAGE OF ROCHESTER/VILLAGE OF WATERFORD		
RACINE COUNTY		
SIGNAL NO. S51-0585		
REGION CONTACT: J. MURPHY		
DESIGNED BY: raSmith		
REVISED BY:		

PROJECT NO:2240-00-77

HWY:STH 36

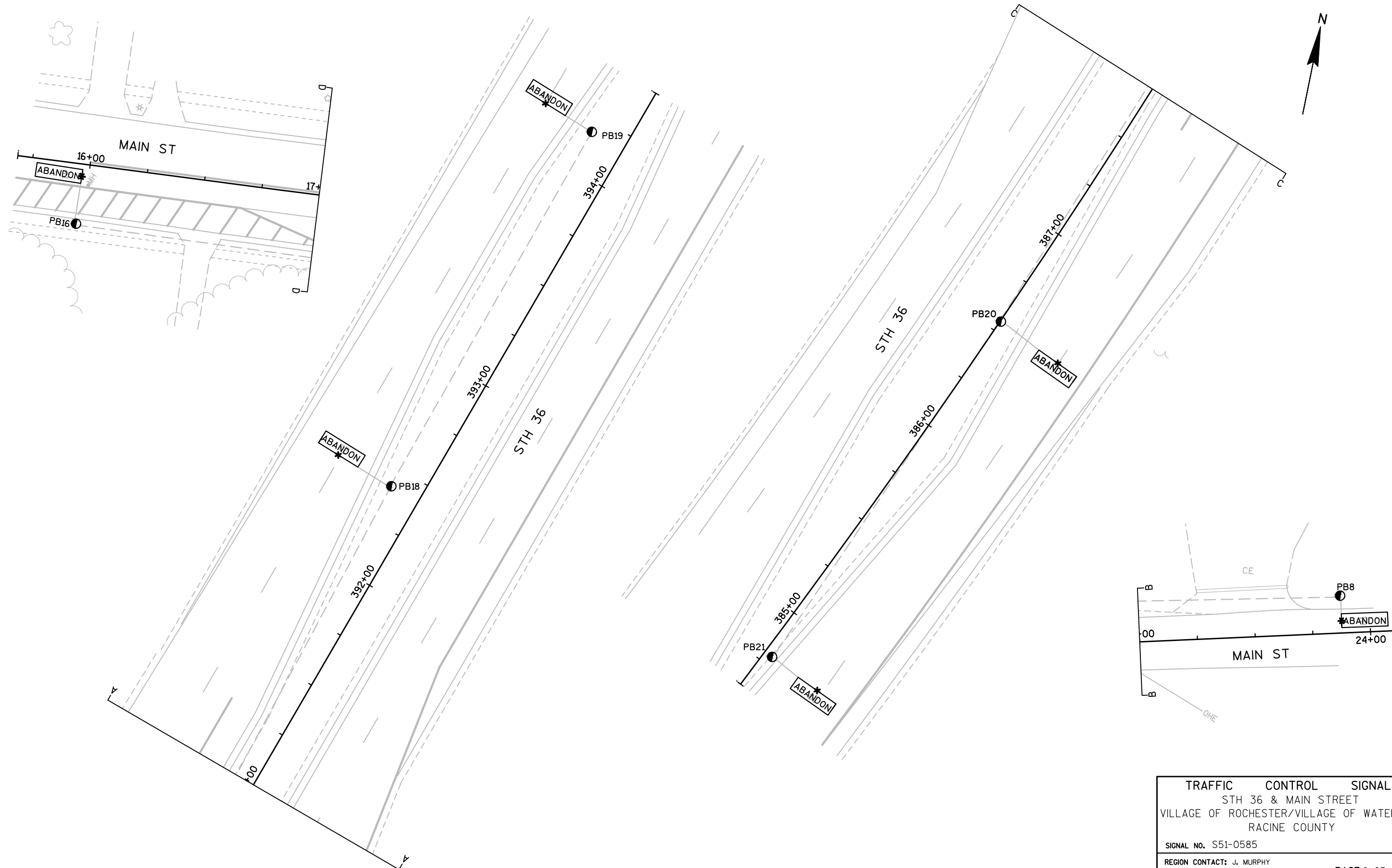
COUNTY:RACINE

TRAFFIC SIGNAL REMOVAL PLAN

SHEET

PRE_101

E



TRAFFIC		CONTROL		SIGNAL	
STH 36 & MAIN STREET					
VILLAGE OF ROCHESTER/VILLAGE OF WATERFORD					
RACINE COUNTY					
SIGNAL NO. S51-0585					
REGION CONTACT: J. MURPHY				PAGE 2 OF 2	
DESIGNED BY: raSmith					
REVISED BY:					

PROJECT NO:2240-00-77

HWY:STH 36

COUNTY:RACINE

TRAFFIC SIGNAL REMOVAL PLAN

SHEET

PRE_102

E

FILE NAME : T:\1162705.03\CLIENT\CLIENT-FROM\WISDOT\170920 SIGNAL CAD FILES\S51-0585\S51-0585_SR.DWG
LAYOUT NAME - S51-0585_C_PG2

PLOT DATE : 11/14/2019 3:17 PM

PLOT BY : GUILLAMA, TINA

PLOT NAME :

PLOT SCALE : 1:40_XREF

WISDOT/CADD SHEET 42

LEGEND

- ☒ TRAFFIC CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- * LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- (XX) ○ MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) ⊗ MONOTUBE BASE, POLE, 35'-45' ARM
- (XX) ⊗ MONOTUBE BASE, POLE, 50'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO THE SYSTEM. REQUEST FOR INSPECTION SHALL ALSO INCLUDE A COMPLETED SE REGION TRAFFIC SIGNAL CHECKLIST.
2. ALL LUMINAIRES ARE LED CATEGORY C UNLESS OTHERWISE NOTED
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN
4. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION
5. PROPOSED PAVEMENT MARKINGS SHOWN IN GRAYSHADE FOR PLAN CLARITY
6. *LOCATION IS TO FRONT CENTER OF DETECTOR LOOP
7. SB5 INCLUDES AN OVERHEIGHT TYPE 10 SPECIAL POLE.
8. SB13 INCLUDES AN OVERHEIGHT TYPE 13 POLE.

MONOTUBE STRUCTURE NUMBERS	
SB5 (OH) =	S-51-XXXX
SB8 =	S-51-XXXX
SB13 (OH) =	S-51-XXXX
SB17 =	S-51-XXXX

- Ⓡ RED CIRCULAR INDICATOR
- Ⓢ YELLOW CIRCULAR INDICATOR
- Ⓢ GREEN CIRCULAR INDICATOR
- Ⓢ RED ARROW
- Ⓢ YELLOW ARROW
- Ⓢ GREEN ARROW
- Ⓢ WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- Ⓢ EVP DESIGNATOR
- Ⓢ EVP DETECTOR HEAD
- Ⓢ YIELD SIGN
- Ⓢ LANE DESIGNATION FOR INFO ONLY

EVP CONSTRUCTION NOTES

1. INSTALL THE TRAFFIC SIGNAL EMERGENCY VEHICLE PRE-EMPTION DETECTOR CABLE TO RUN CONTINUOUSLY (WITHOUT SPLICES) FROM THE CABINET TO THE DETECTOR HEADS. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.
2. THE DEPARTMENT WILL DETERMINE THE EXACT LOCATION OF EVP DETECTORS TO ENSURE THAT THE INSTALLATION DOES NOT CREATE A SIGHT OBSTRUCTION.
3. ALL EVP DETECTOR CABLE SHALL BE ROUTED THROUGH PROPOSED SIGNAL BASE, PULL BOXES, AND CONDUIT AS INDICATED. PROVIDE ENOUGH CABLE TO ALLOW 10 FEET OF SLACK IN THE CABINET, IN EACH PULL BOX, AND IN THE SIGNAL POLE HANDHOLE.
4. FOR A CABINET THAT IS NOT OPERATING THE SIGNAL, CABINET WIRING WILL BE DONE BY THE CONTRACTOR. THE CONTRACTOR SHALL INSTALL AND TERMINATE THE EVP CABLE AS DESCRIBED AND SHALL LABEL EACH CABLE AS NOTED ON THE PLAN SHEETS (I.E. EVP A-B-C-D).

TRAFFIC CONTROL SIGNAL	
STH 36 & MAIN STREET	
VILLAGE OF ROCHESTER/VILLAGE OF WATERFORD	
RACINE COUNTY	
SIGNAL NO. S51-0585	CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE	
WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVAL	RECOMMENDED
DATE	REGION TRAFFIC ENGINEER
APPROVED	STATE TRAFFIC ENGINEER
DATE	
REGION CONTACT: JOYCE MURPHY	
DESIGNED BY: raSmith	
REVISED BY:	

PROJECT NO: 2240-00-77

HWY: STH 36

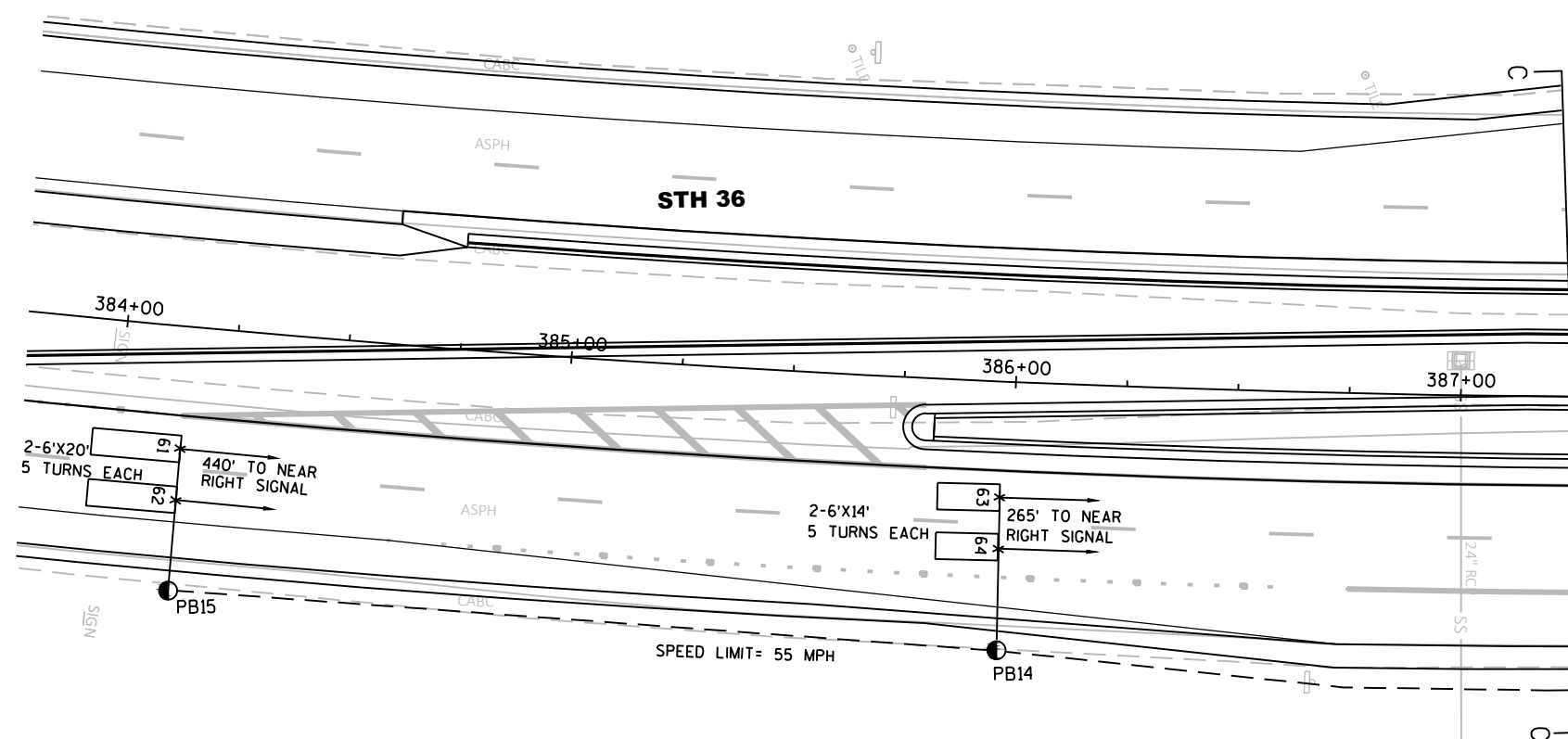
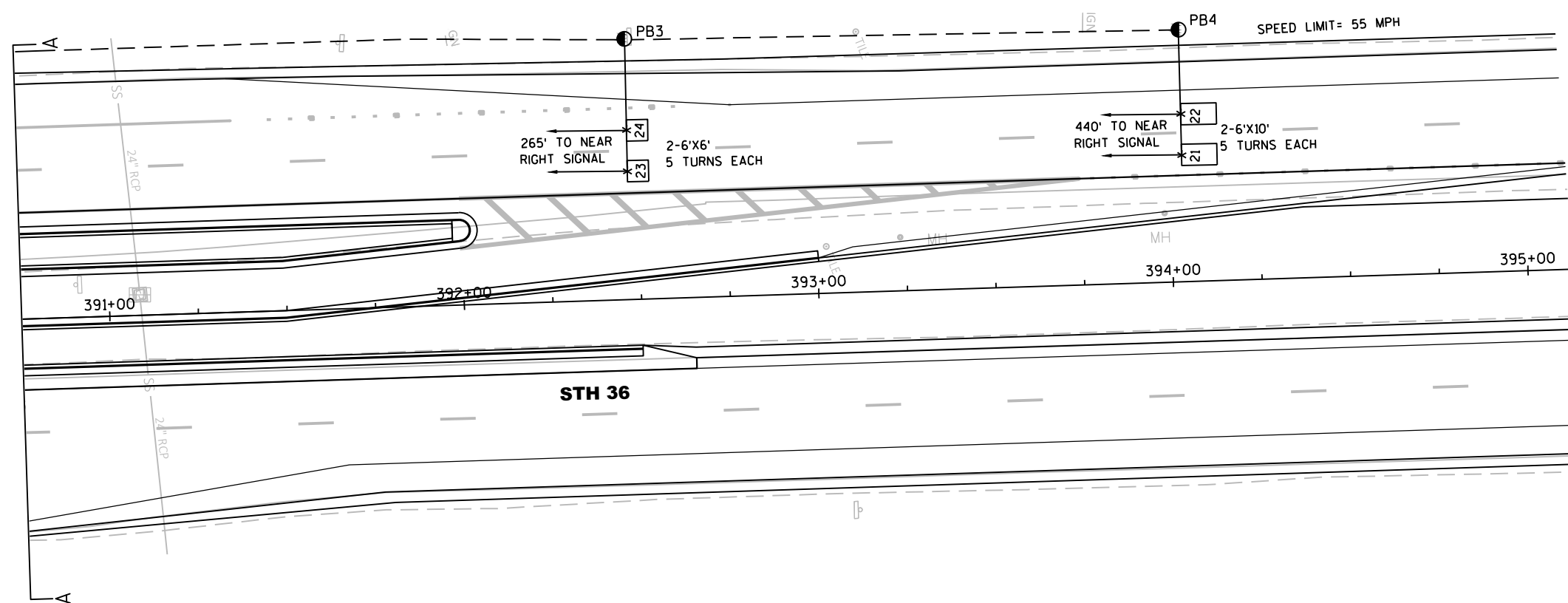
COUNTY: RACINE

TRAFFIC SIGNAL PLAN

SHEET

PRE_103

E



TRAFFIC CONTROL SIGNAL
STH 36 & MAIN STREET
VILLAGE OF ROCHESTER/VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO.S51-0585

REGION CONTACT:JOYCE MURPHY
DESIGNED BY:raSmith
REVISED BY:

PAGE 2 OF 4

PROJECT NO:2240-00-77

HWY:STH 36

COUNTY:RACINE

TRAFFIC SIGNAL PLAN

SHEET

PRE_104

E

FILE NAME : T:\1162705.03\TRAFFIC\SIGNAL DESIGN\024201-SP.DWG
LAYOUT NAME - 024201-SP - STH36-MAIN TAILS

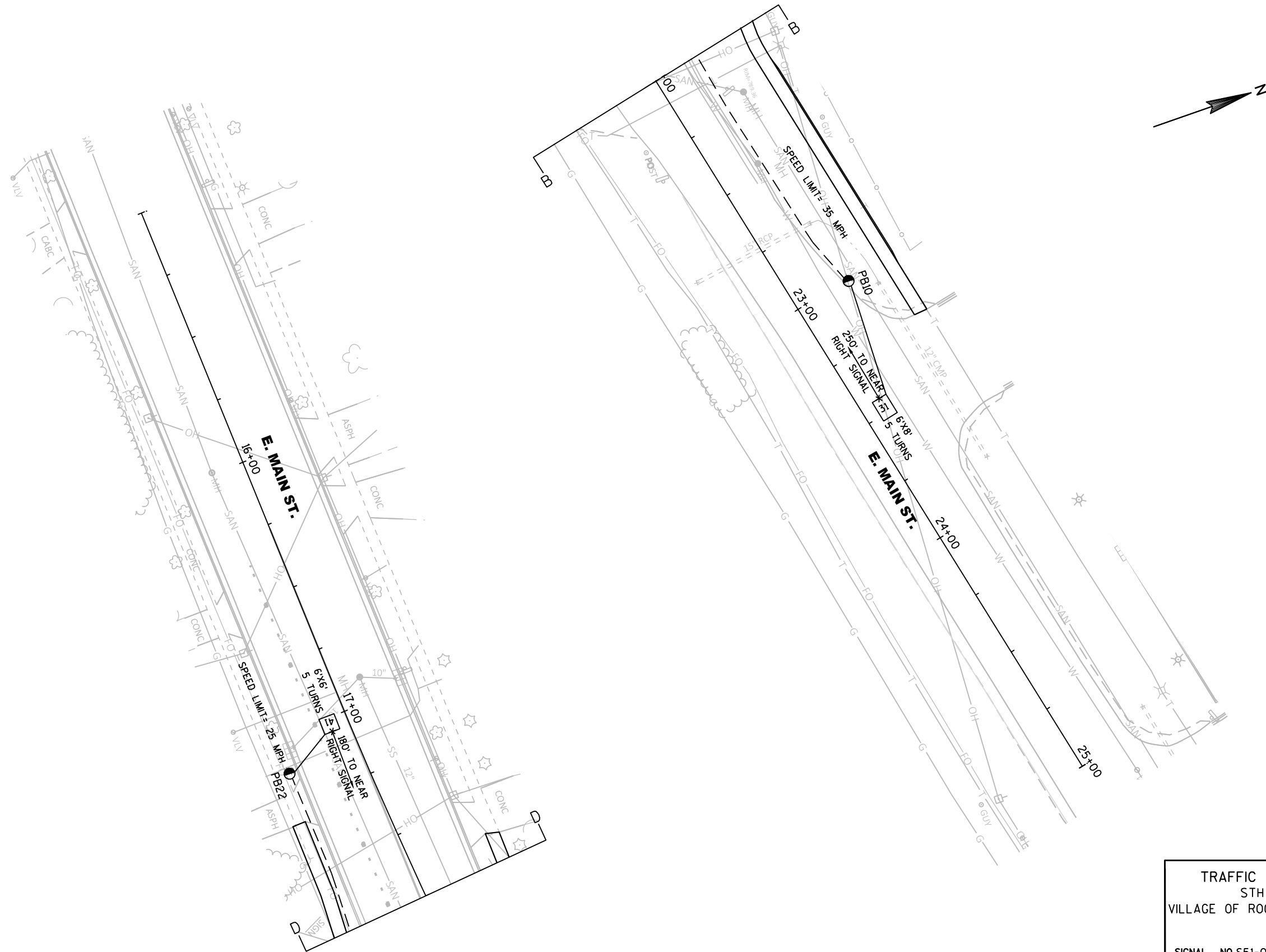
PLOT DATE : 11/14/2019 3:35 PM

PLOT BY : GUILLAMA, TINA

PLOT NAME :

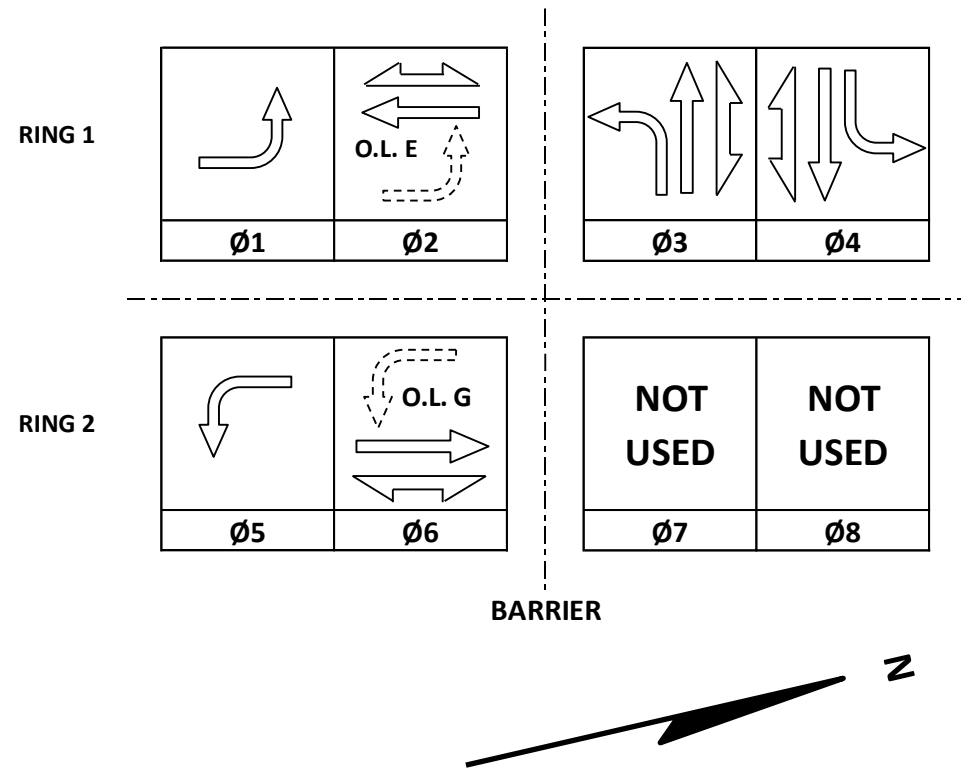
PLOT SCALE : *****

WISDOT/CADDs SHEET 42



TRAFFIC CONTROL SIGNAL		
STH 36 & MAIN STREET		
VILLAGE OF ROCHESTER/VILLAGE OF WATERFORD		
RACINE COUNTY		
SIGNAL NO.S51-0585		
REGION CONTACT:JOYCE MURPHY		PAGE 3 OF 4
DESIGNED BY:raSmith		
REVISED BY:		

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R
Ø2	7,8,9	R
Ø3	13,14,15,16	-
Ø4	17,18,19,20	R
Ø5	10,11,12	R
Ø6	1,2,3	R
Ø7		
Ø8		
Ø2P	21,22	
Ø3P	23,24,25,26	
Ø4P	29,30,31,32	
Ø6P	27,28	
OLE	4,5,6	-
OLF		
OLG	10,11,12	-
OLH		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3				X
4				X
5		2		X
6	X	2	MIN	X
7				
8				

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	3	4

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.

AFTER PREEMPTION SEQUENCE 3, CONTROLLER SHALL RETURN TO PHASE 3.

AFTER PREEMPTION SEQUENCE 4, CONTROLLER SHALL RETURN TO PHASE 4.

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	21	23	25	31	33	41	43	61
CALLED PHASE	2	2	6	3	3	4	4	6
CALL OPTION	X	X	X		X		X	X
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME				X		X		
USE ADDED INITIAL	X	X						X
CROSS SWITCH PHASE			6					

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	22	24	26	32		42		62
CALLED PHASE	2	2	6	3		4		6
CALL OPTION	X	X	X	X		X		X
DELAY TIME								
EXTENTION OPTION	X	X	X	X		X		X
EXTEND TIME								
USE ADDED INITIAL	X	X						X
CROSS SWITCH PHASE			6					

DETECTOR INPUT	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR*(S)	63	65						
CALLED PHASE	6	2						
CALL OPTION	X	X						
DELAY TIME								
EXTENTION OPTION	X	X						
EXTEND TIME								
USE ADDED INITIAL	X							
CROSS SWITCH PHASE		2						

DETECTOR INPUT	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR*(S)	64	66						
CALLED PHASE	6	2						
CALL OPTION	X	X						
DELAY TIME								
EXTENTION OPTION	X	X						
EXTEND TIME								
USE ADDED INITIAL	X							
CROSS SWITCH PHASE		2						

DETECTOR INPUT

PLAN LOOP DETECTOR*(S)

CALLED PHASE

CALL OPTION

DELAY TIME

EXTENTION OPTION

EXTEND TIME

USE ADDED INITIAL

CROSS SWITCH PHASE

DETECTOR INPUT

PLAN LOOP DETECTOR*(S)

CALLED PHASE

CALL OPTION

DELAY TIME

EXTENTION OPTION

EXTEND TIME

USE ADDED INITIAL

CROSS SWITCH PHASE

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

TYPE OF COORDINATION

NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER	
CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING

BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT

NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

GENERAL NOTES:

1. PHASES 1 AND 5 ARE FOR EVP ONLY.

PROJECT ID:		2240-00-77		Signal Wire Color Coding			BLK - black	RED - red	GRN - green	DATE12/1/19			
INTERSECTION:		STH 36 & Main Street					WHT - white	BLU - blue	ORG - orange				
CB1 TO	AWG14 # OF CONDUCTORS	HEAD NO.	SIGNAL INDICATION WIRE COLOR									PED BUTTON	OTHER
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	<FLASHING YELLOW>	D/WALK	WALK		
SB1	12	5											
		7	RED/BLK	ORG/BLK	GRN/BLK								
		23									BLK	BLU	
		BUTTON											WHT/BLK
SB2	12	6					RED	ORG	GRN	BLK/WHT			
		24									BLK	BLU	
		25									BLK	BLU	
		BUTTON											WHT/BLK
SB4	7	10					RED	ORG	GRN	WHT/BLK			
SB5	7	2	RED	ORG	GRN								
		3	RED	ORG	GRN								
SB6	12	13	RED/BLK	ORG/BLK	GRN/BLK								
		18	RED	ORG	GRN				BLU/BLK				
		27									BLK	BLU	
		BUTTON											WHT/BLK
SB7	7	26									BLK	BLU	
		BUTTON											WHT/BLK
SB8	12	19	RED	ORG	GRN				GRN/BLK				
		20	RED	ORG	GRN				GRN/BLK				
SB9	7	28									BLK	BLU	
		BUTTON											WHT/BLK
SB10	12	1	RED	ORG	GRN								
		11				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				
		29								BLK	BLU		
		BUTTON											WHT/BLK
SB11	12	12					RED	ORG	GRN	BLK/WHT			
		30									BLK	BLU	
		31									BLK	BLU	
		BUTTON											WHT/BLK
SB12	7	4					RED	ORG	GRN	WHT/BLK			
SB13	7	8	RED	ORG	GRN								
		9	RED	ORG	GRN								
SB15	12	14	RED/BLK	ORG/BLK	GRN/BLK				BLU/BLK				
		17	RED	ORG	GRN								
		21									BLK	BLU	
		BUTTON											WHT/BLK
SB16	7	32									BLK	BLU	
		BUTTON											WHT/BLK
SB17	12	15	RED	ORG	GRN				GRN/BLK				
		16	RED	ORG	GRN				GRN/BLK				
		22									BLK	BLU	
		BUTTON											WHT/BLK

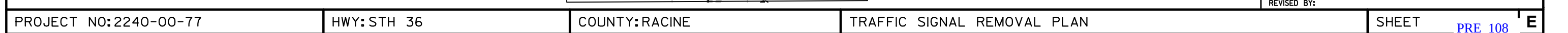
Equipment grounding conductor 10 AWG Green XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	SB10
SB10	SB11
SB11	SB12
SB12	SB13
SB13	SB15
SB15	SB16
SB16	SB17
SB17	CB1

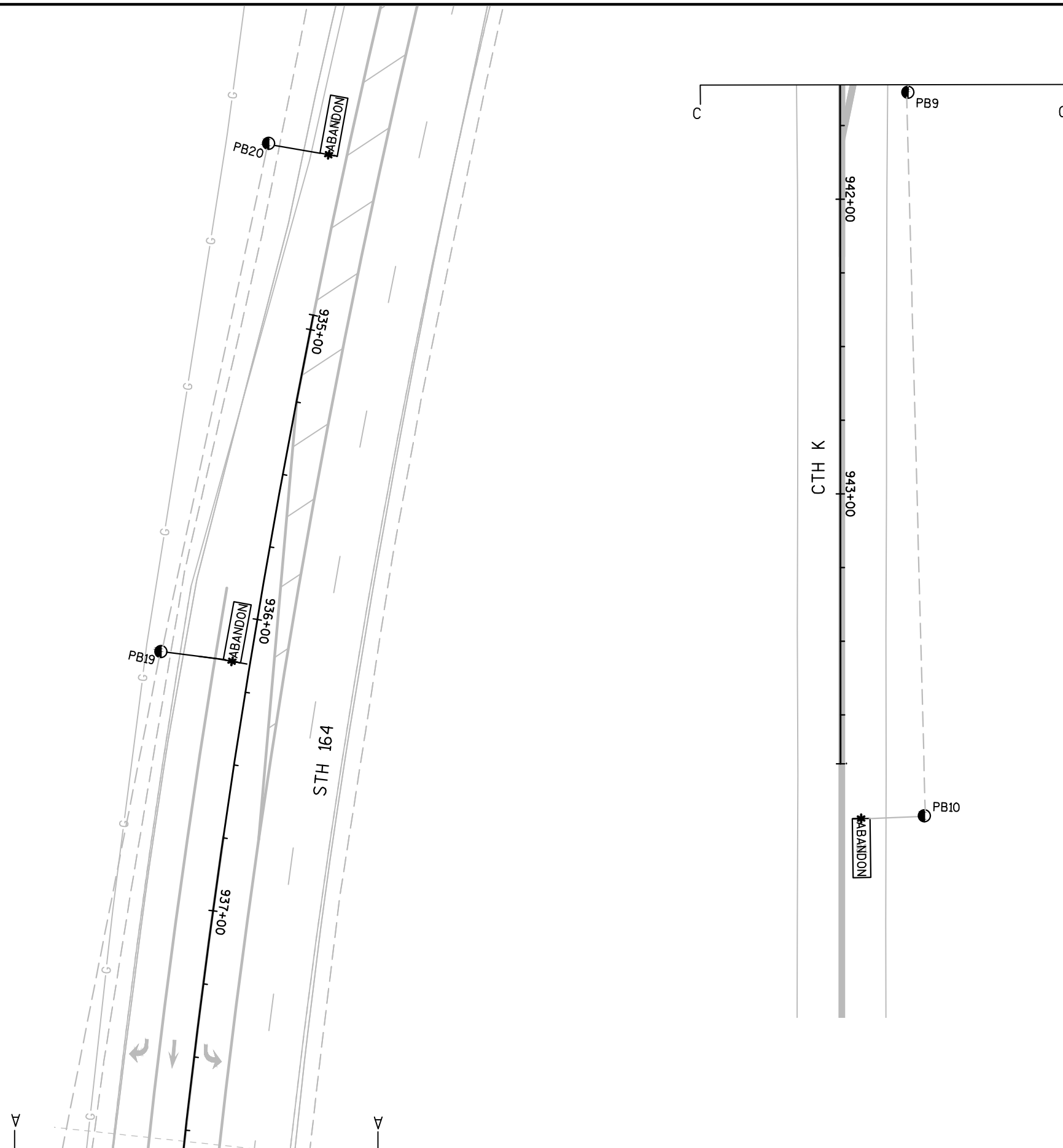
Pull Box Bonding Jumper 10 AWG Green XLP	
FROM	TO
PB1	CB1
PB2	SB1
PB5	SB2
PB6	SB2
PB7	SB4
PB8	SB5
PB9	SB6
PB11	SB6
PB12	SB8
PB13	SB10
PB16	SB11
PB17	SB12
PB18	SB12
PB19	SB14
PB20	SB15
PB21	SB14
PB23	SB17

Lighting UF #10 w/ground	
FROM	TO
CB1	SB3
SB3	SB5
SB5	SB6
CB1	SB17
SB17	SB14
SB14	SB13
SB13	SB11

EVP Cable	
FROM	TO
CB1	HEAD A (SB13)
CB1	HEAD B (SB5)
CB1	HEAD C (SB8)
CB1	HEAD D (SB17)

*Use the white conductor in the cable assembly as the grounded conductor for all traffic signal indications
*Ensure the grounded conductor in the feeder cable and the pole cables are both 18" longer than the ungrounded conductors.
*At the signal bases, connect one terminal from the pedestrian push buttons to the color indicated in the chart. Connect the other terminal to the grounded conductor.
*Reconnect the grounding conductors wherever the circuit has been interrupted to ensure the grounding circuit is complete.





TRAFFIC CONTROL SIGNAL STH 36 & STH 164/CTH K VILLAGE OF WATERFORD RACINE COUNTY
SIGNAL NO. S51-0583
REGION CONTACT: J. MURPHY DESIGNED BY: raSmith REVISED BY:
PAGE 2 OF 3

PROJECT NO:2240-00-77

HWY:STH 36

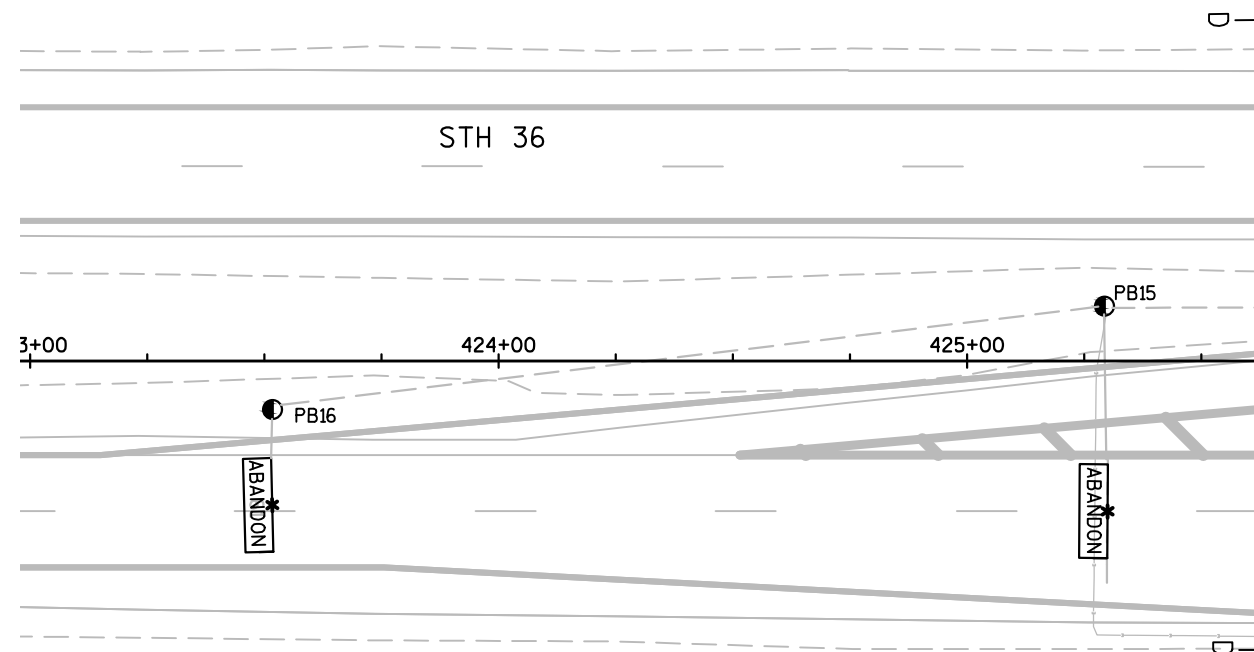
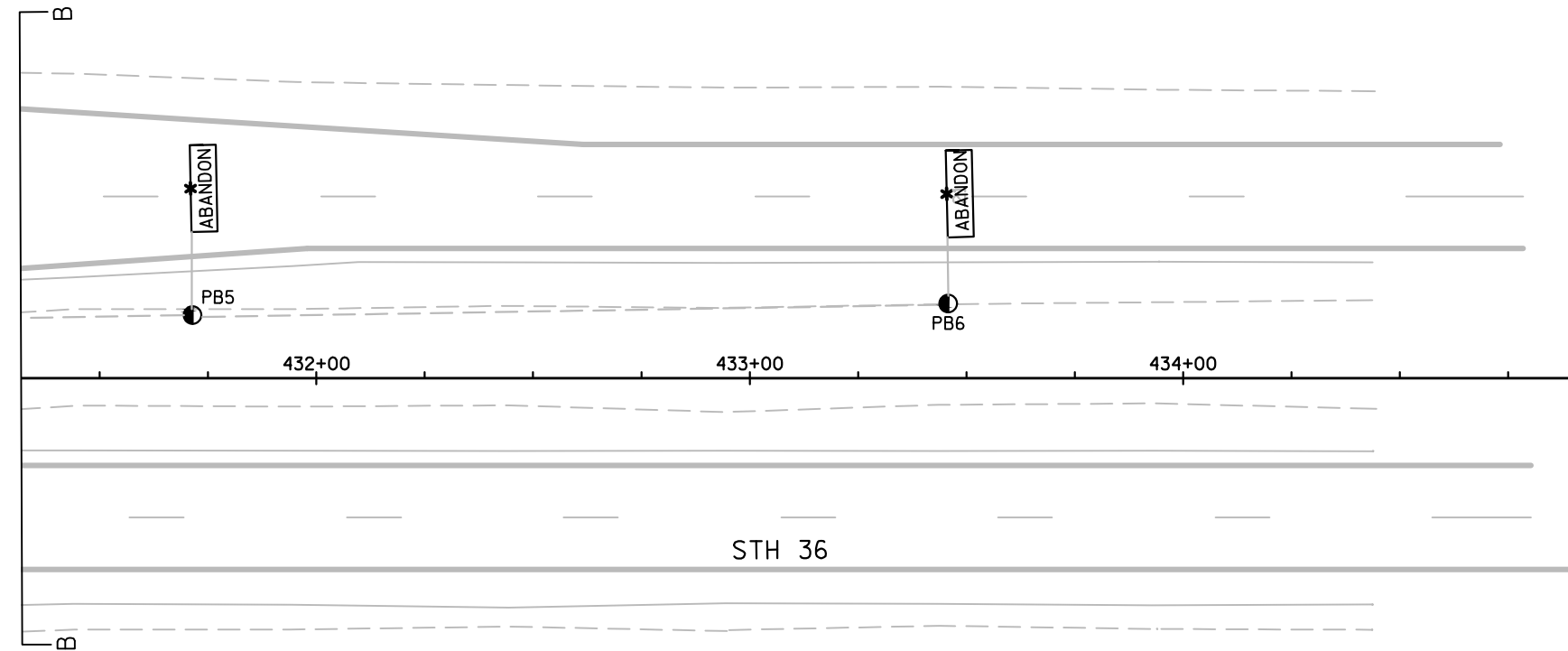
COUNTY:RACINE

TRAFFIC SIGNAL REMOVAL PLAN

SHEET

PRE_109

E



TRAFFIC CONTROL SIGNAL
STH 36 & STH 164/CTH K
VILLAGE OF WATERFORD
RACINE COUNTY
SIGNAL NO. S51-0583
REGION CONTACT: J. MURPHY
DESIGNED BY: raSmith
REVISED BY:

LEGEND

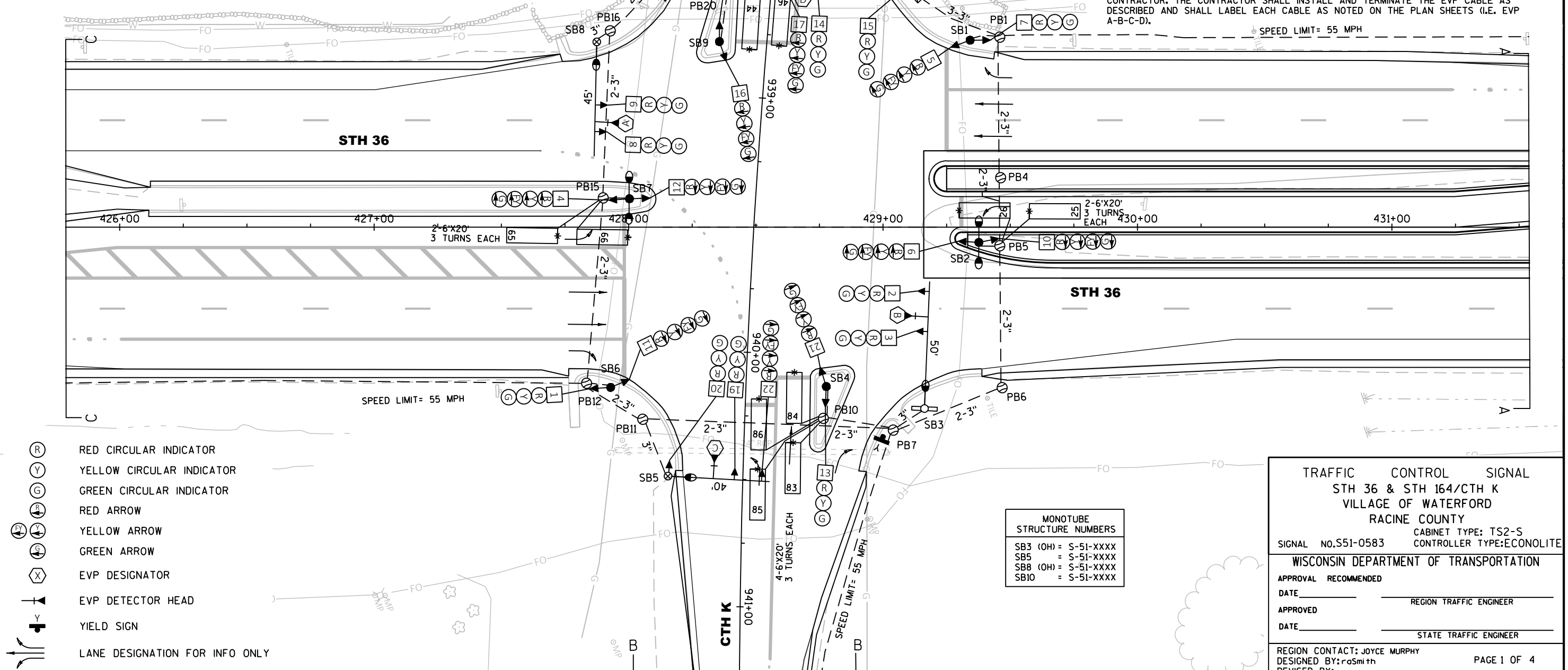
- ☒ TRAFFIC CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- ←● SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- * [] * LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- (XX) ⊗ MONOTUBE BASE, POLE, 35'-45' ARM
- (XX) ⊗ MONOTUBE BASE, POLE, 50'-55' ARM
- PULL BOX, 24" X 36"
- ⊖ PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO THE SYSTEM. REQUEST FOR INSPECTION SHALL ALSO INCLUDE A COMPLETED SE REGION TRAFFIC SIGNAL CHECKLIST.
2. ALL LUMINAIRES ARE LED CATEGORY C UNLESS OTHERWISE NOTED
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN
4. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION
5. PROPOSED PAVEMENT MARKINGS SHOWN IN GRAYSHADE FOR PLAN CLARITY
6. *LOCATION IS TO FRONT CENTER OF DETECTOR LOOP
7. SB3 INCLUDES AN OVERHEIGHT TYPE 13 POLE
8. SB8 INCLUDES AN OVERHEIGHT TYPE 10 SPECIAL POLE

EVP CONSTRUCTION NOTES

1. INSTALL THE TRAFFIC SIGNAL EMERGENCY VEHICLE PRE-EMPTION DETECTOR CABLE TO RUN CONTINUOUSLY (WITHOUT SPLICES) FROM THE CABINET TO THE DETECTOR HEADS. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.
2. THE DEPARTMENT WILL DETERMINE THE EXACT LOCATION OF EVP DETECTORS TO ENSURE THAT THE INSTALLATION DOES NOT CREATE A SIGHT OBSTRUCTION.
3. ALL EVP DETECTOR CABLE SHALL BE ROUTED THROUGH PROPOSED SIGNAL BASE, PULL BOXES, AND CONDUIT AS INDICATED. PROVIDE ENOUGH CABLE TO ALLOW 10 FEET OF SLACK IN THE CABINET, IN EACH PULL BOX, AND IN THE SIGNAL POLE HANDHOLE.
4. FOR A CABINET THAT IS NOT OPERATING THE SIGNAL, CABINET WIRING WILL BE DONE BY THE CONTRACTOR. THE CONTRACTOR SHALL INSTALL AND TERMINATE THE EVP CABLE AS DESCRIBED AND SHALL LABEL EACH CABLE AS NOTED ON THE PLAN SHEETS (I.E. EVP A-B-C-D).



PROJECT NO: 2240-00-77

HWY: STH 36

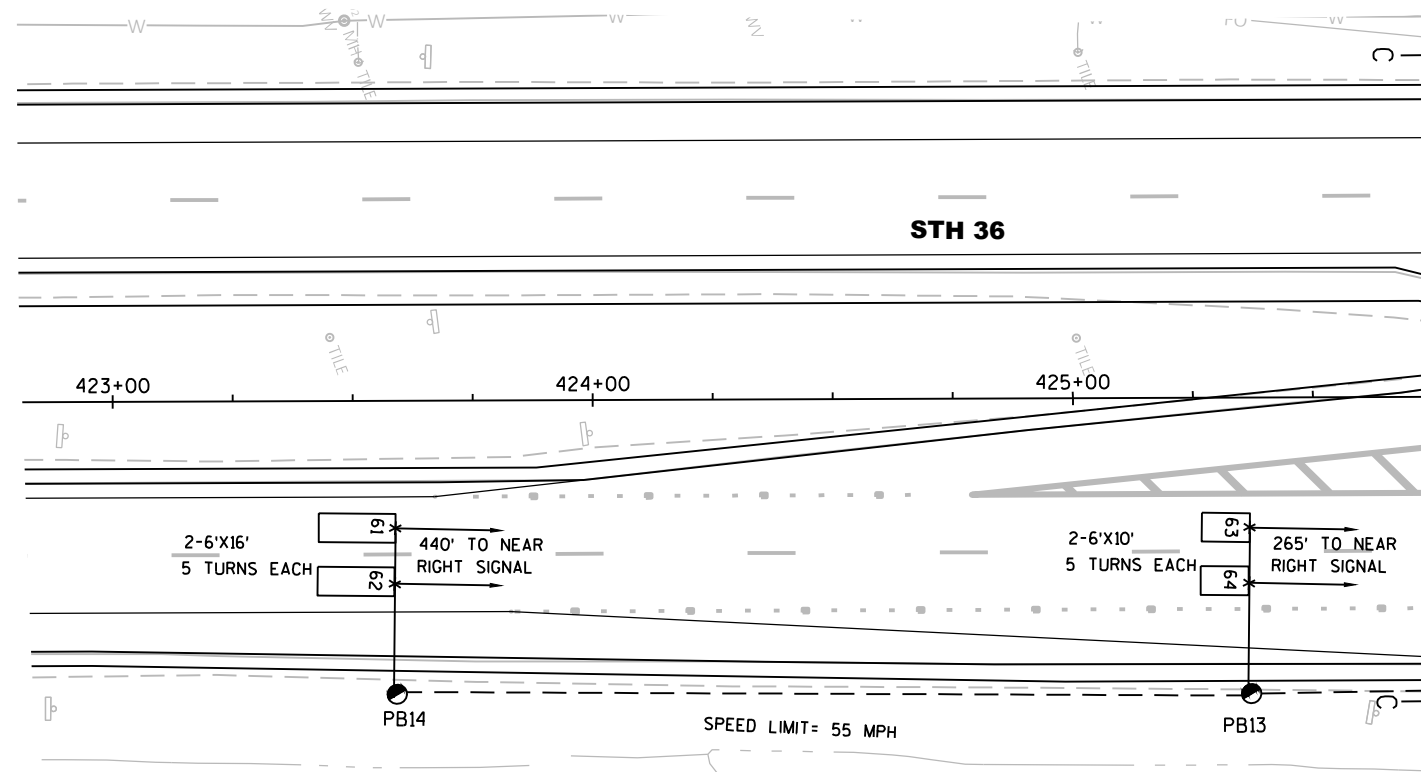
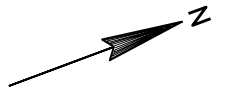
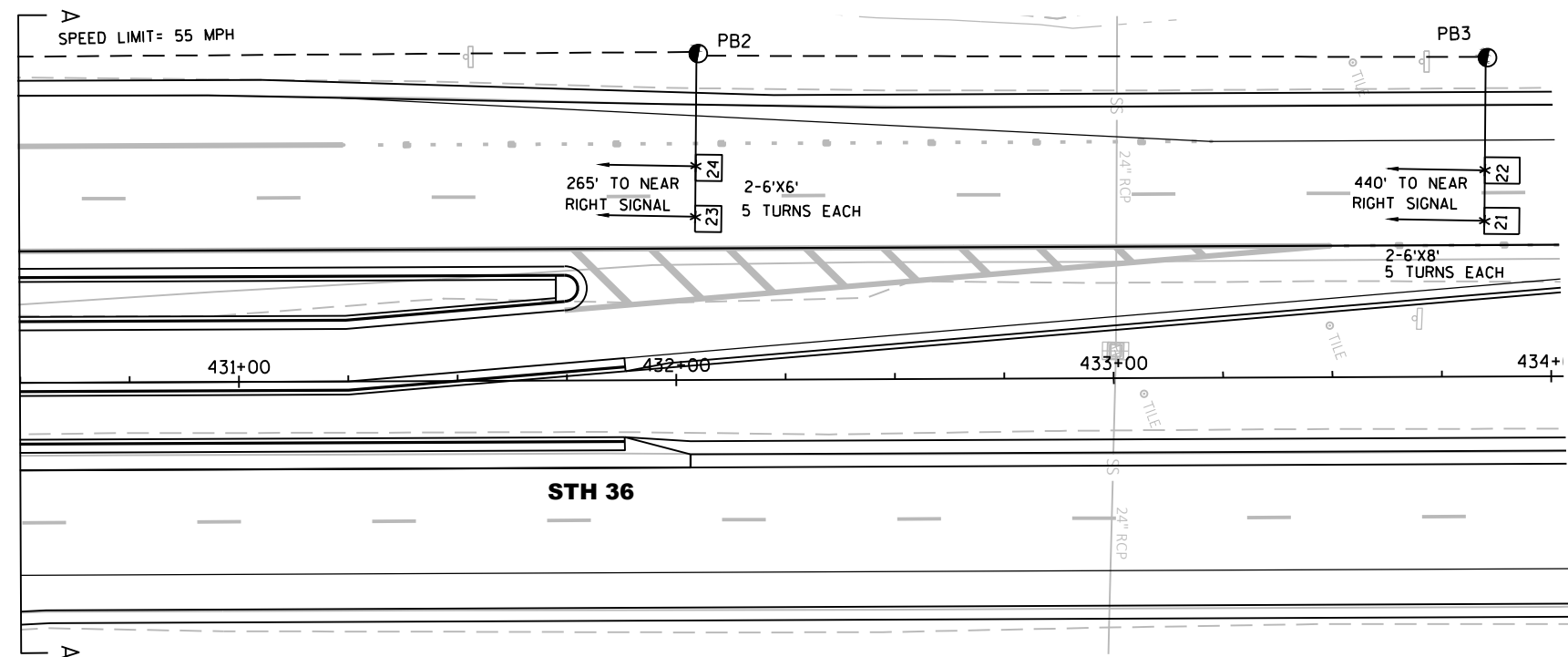
COUNTY: RACINE

TRAFFIC SIGNAL PLAN

SHEET

PRE_111

E



TRAFFIC CONTROL SIGNAL
STH 36 & STH 164/CTH K
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO.S51-0583

REGION CONTACT: JOYCE MURPHY

DESIGNED BY: roSmith

REVISED BY:

PAGE 2 OF 4

PROJECT NO:2240-00-77

HWY:STH 36

COUNTY:RACINE

TRAFFIC SIGNAL PLAN

SHEET

PRE_112

E

FILE NAME : T:\1162705.03\TRAFFIC\SIGNAL DESIGN\024201-SP.DWG
LAYOUT NAME - 024201-SP - STH36-STH164-TAILS

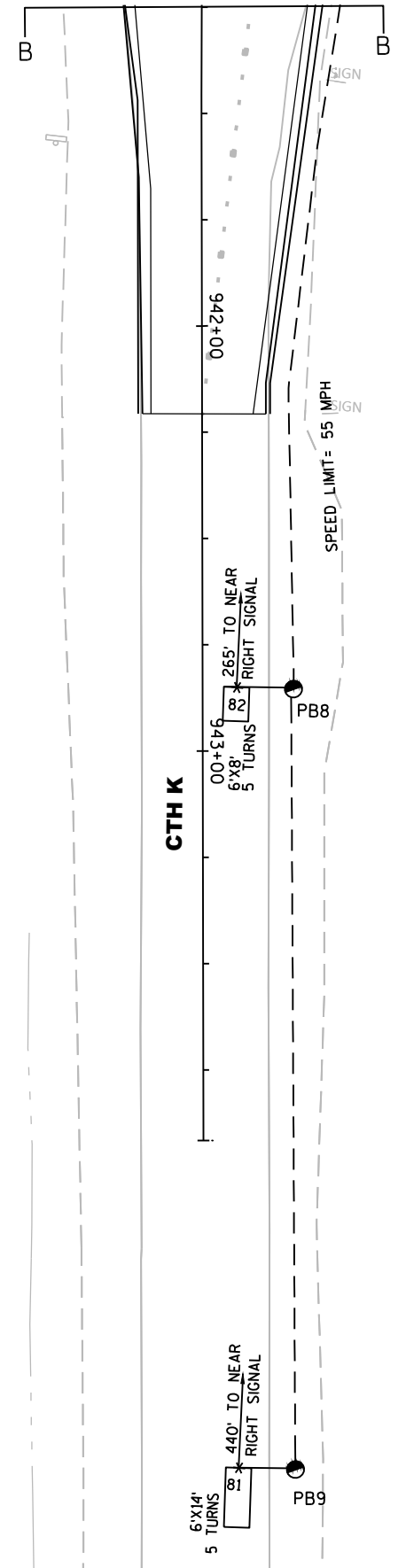
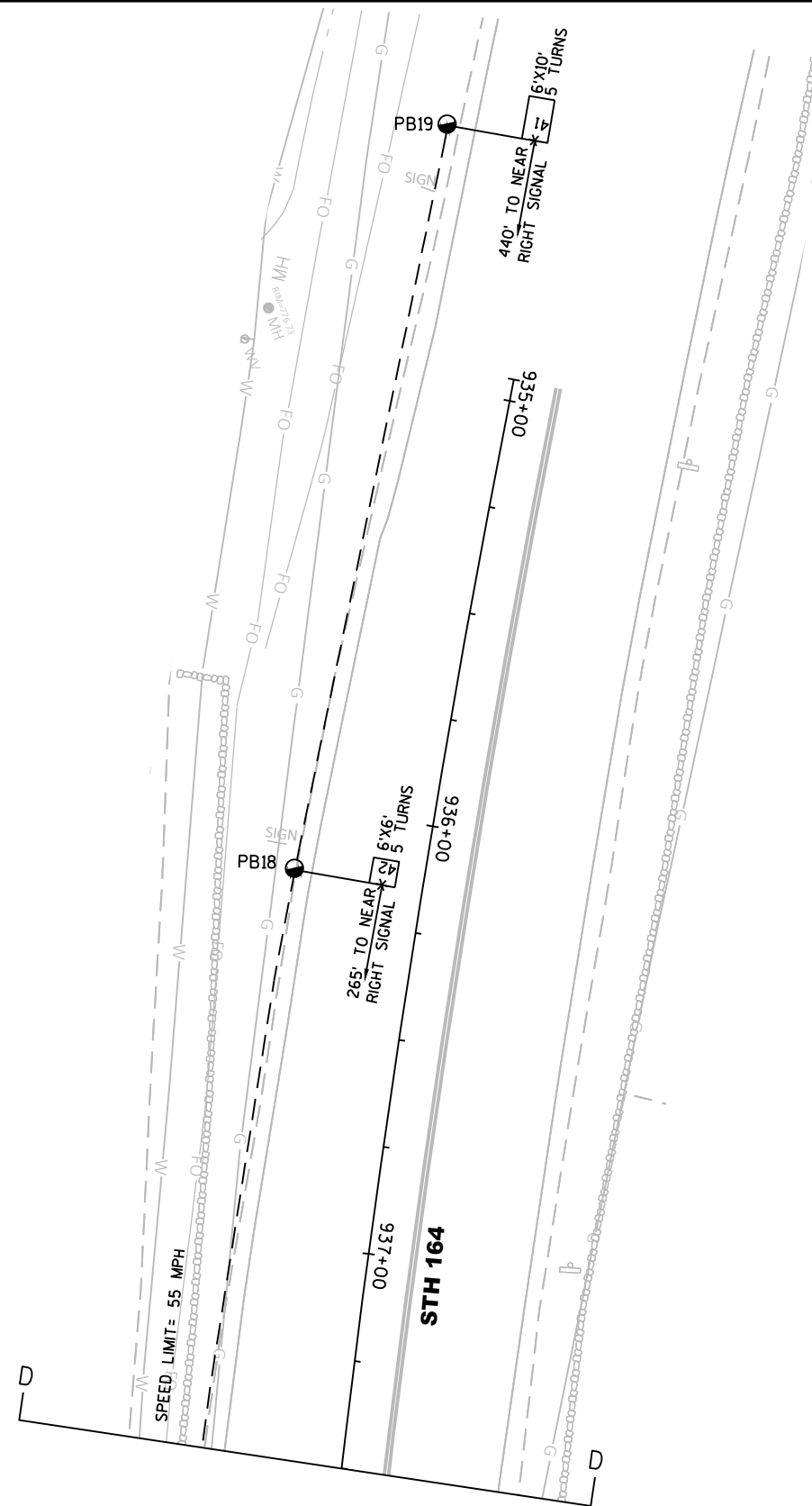
PLOT DATE : 11/12/2019 10:26 AM

PLOT BY : GUILLAMA, TINA

PLOT NAME :

PLOT SCALE : *****

WISDOT/CADDs SHEET 42



TRAFFIC CONTROL SIGNAL
STH 36 & STH 164/CTH K
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO.S51-0583

REGION CONTACT: JOYCE MURPHY
DESIGNED BY: raSmith
REVISED BY:

PAGE 3 OF 4

PROJECT NO:2240-00-77

HWY:STH 36

COUNTY:RACINE

TRAFFIC SIGNAL PLAN

SHEET

PRE_113

E

FILE NAME : T:\1162705.03\TRAFFIC\SIGNAL DESIGN\024201-SP.DWG
LAYOUT NAME - 024201-SP - STH36-STH164-TAILS (2)

PLOT DATE : 11/12/2019 10:36 AM

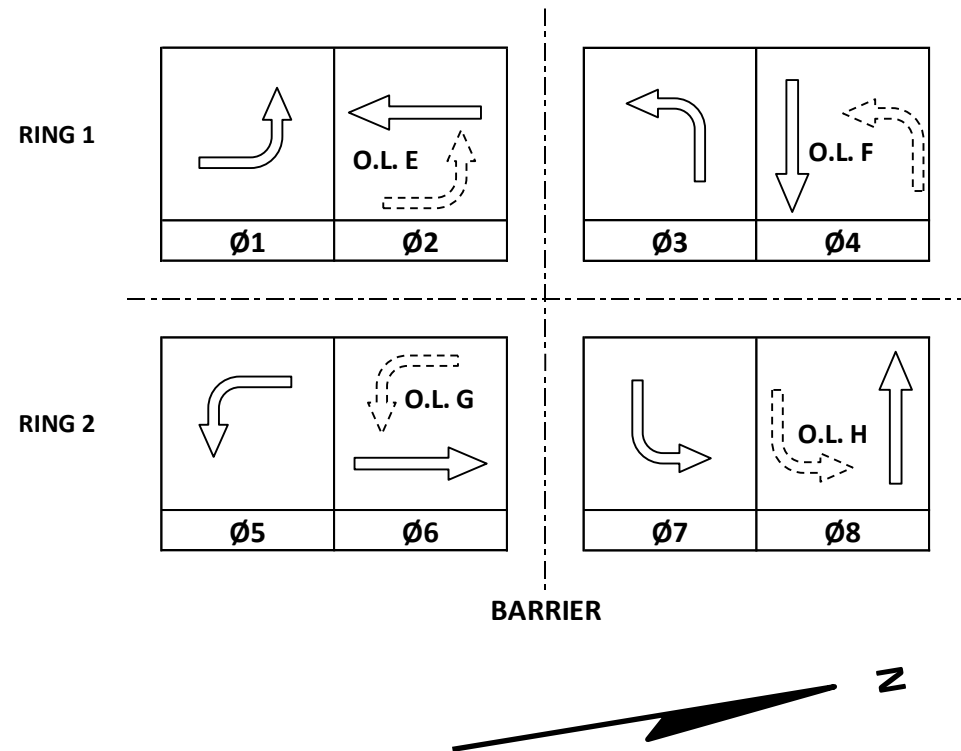
PLOT BY : GUILLAMA, TINA

PLOT NAME :

PLOT SCALE : *****

WISDOT/CADDs SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R
Ø2	7,8,9	R
Ø3	16,17	R
Ø4	18,19,20	R
Ø5	10,11,12	R
Ø6	1,2,3	R
Ø7	21,22	R
Ø8	13,14,15	R
Ø2P		
Ø4P		
Ø6P		
Ø8P		
OLE	4,5,6	-
OLF	16,17	-
OLG	10,11,12	-
OLH	21,22	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.

AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	21	23	25	41	43	45	61	63
CALLED PHASE	2	2	6	4	4	8	6	6
CALL OPTION	X	X	X		X	X	X	X
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME				X				
USE ADDED INITIAL	X	X					X	X
CROSS SWITCH PHASE			6			8		

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	22	24	26	42	44	46	62	64
CALLED PHASE	2	2	6	4	4	8	6	6
CALL OPTION	X	X	X		X	X	X	X
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME				X				
USE ADDED INITIAL	X	X					X	X
CROSS SWITCH PHASE			6			8		

DETECTOR INPUT	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR*(S)	65	81	83	85				
CALLED PHASE	2	8	8	4				
CALL OPTION	X		X	X				
DELAY TIME								
EXTENTION OPTION	X	X	X	X				
EXTEND TIME		X						
USE ADDED INITIAL								
CROSS SWITCH PHASE	2			4				

DETECTOR INPUT	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR*(S)	66	82	84	86				
CALLED PHASE	2	8	8	4				
CALL OPTION	X		X	X				
DELAY TIME								
EXTENTION OPTION	X	X	X	X				
EXTEND TIME		X						
USE ADDED INITIAL								
CROSS SWITCH PHASE	2			4				

DETECTOR INPUT								
PLAN LOOP DETECTOR*(S)								
CALLED PHASE								
CALL OPTION								
DELAY TIME								
EXTENTION OPTION								
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

GENERAL NOTES:

1. PHASES 1, 3, 5, AND 7 ARE FOR EVP ONLY.

PROJECT ID:	2240-00-77	Signal Wire Color Coding	BLK - black	RED - red	GRN - green	DATE	12/1/19
INTERSECTION:	STH 36 & STH 164/CTH K		WHT - white	BLU - blue	ORG - orange		

CB1 TO	AWG14 # OF CONDUCTORS	HEAD NO.	SIGNAL INDICATION WIRE COLOR								PED BUTTON	OTHER	
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	<FLASHING YELLOW>	D/WALK			WALK
SB1	12	5				RED	ORG	GRN	BLK/WHT				
		7	RED/BLK	ORG/BLK	GRN/BLK								
SB2	12	6				RED	ORG	GRN	BLK/WHT				
		10				RED/BLK	ORG/BLK	GRN/BLK	WHT/BLK				
SB3	7	2	RED	ORG	GRN								
		3	RED	ORG	GRN								
SB4	12	13	RED/BLK	ORG/BLK	GRN/BLK								
		21				RED	ORG	GRN	BLK/WHT				
SB5	12	19	RED	ORG	GRN								
		20	RED	ORG	GRN								
		22				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				
SB6	12	1	RED	ORG	GRN								
		11				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				
SB7	12	4				RED	ORG	GRN	BLK/WHT				
		12				RED/BLK	ORG/BLK	GRN/BLK	WHT/BLK				
SB8	7	8	RED	ORG	GRN								
		9	RED	ORG	GRN								
SB9	12	16				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				
		18	RED	ORG	GRN								
SB10	12	14	RED	ORG	GRN								
		15	RED	ORG	GRN								
		17				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT				

Equipment grounding conductor 10 AWG Green XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	SB10
SB10	CB1

Pull Box Bonding Jumper 10 AWG Green XLP	
FROM	TO
PB1	SB1
PB4	SB2
PB5	SB2
PB6	SB3
PB7	SB3
PB10	SB4
PB11	SB5
PB12	SB6
PB15	SB7
PB16	SB8
PB17	SB9
PB20	SB9
PB21	SB10

Lighting UF #10 w/ground	
FROM	TO
CB1	SB2
SB2	SB3
SB3	SB5
CB1	SB10
SB10	SB8
SB8	SB7

EVP Cable	
FROM	TO
CB1	HEAD A (SB8)
CB1	HEAD B (SB3)
CB1	HEAD C (SB5)
CB1	HEAD D (SB10)

*Use the white conductor in the cable assembly as the grounded conductor for all traffic signal indications

*Ensure the grounded conductor in the feeder cable and the pole cables are both 18" longer than the ungrounded conductors.

*At the signal bases, connect one terminal from the pedestrian push buttons to the color indicated in the chart. Connect the other terminal to the grounded conductor.

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- LANE DESIGNATION FOR INFO ONLY
- TEMPORARY LUMINAIRE, 250 W HPS OR LED C
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- SIGNAL HEAD TO BE BAGGED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

WORK ZONE

STH 36

STH 36

SUMMARY OF MATERIALS (FOR INFORMATION ONLY)		
QUANTITY	UNIT	DESCRIPTION
10	EA	CLASS 4 WOOD POLES
740	LF	SPAN WIRE
6	EA	TEMPORARY LUMINAIRES (250 W HPS OR LED C)
22	EA	SIGNAL HEADS

CONSTRUCTION NOTES:

- ALL LUMINAIRES ARE 250W HPS OR LED C UNLESS OTHERWISE NOTED.
- FINAL LOCATION OF SIGNAL POLES, SIGNAL HEADS, AND SIGNAL CABINET SHALL BE AS DIRECTED BY ENGINEER.
- POLE & POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF THE CURB TO THE SIDE OF THE POST OR POLE.
- MOUNT NEAR RIGHT SIGNAL ABOVE TETHER WIRE WHEN OVER ROAD
- ALL EXISTING SIGNAL HEADS SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM TRAFFIC IMMEDIATELY AFTER TURNING ON TEMPORARY SIGNALS.
- GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
- ADJUST TEMPORARY SIGNAL AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
- OVERHEAD TRAFFIC SIGNAL HEADS ON THE STH 36 APPROACHES SHALL HAVE A MINIMUM 20' CLEARANCE FROM THE BOTTOM OF THE SIGNAL HOUSING TO THE TOP OF THE PAVEMENT.

TRAFFIC CONTROL SIGNAL
STH 36 & MAIN STREET
VILLAGE OF ROCHESTER/
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO. S51-0585

REGION CONTACT: JOYCE MURPHY
DESIGNED BY: raSmith
REVISED BY:

PAGE 1 OF 4

PROJECT NO:2240-00-77

HWY: STH 36

COUNTY: RACINE

TEMPORARY TRAFFIC SIGNAL PLAN - PRECONSTRUCTION STAGE

SHEET

PRE_116

E

FILE NAME : T:\1162705.03\TRAFFIC\SIGNAL DESIGN\024001-ST--PRECON.DWG
LAYOUT NAME - 024001-ST--PRECON - STH36-MAIN-11X17 (PRECON)

PLOT DATE : 12/11/2019 2:10 PM

PLOT BY : UTIC, ANDY

PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADS SHEET 42

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- LANE DESIGNATION FOR INFO ONLY
- TEMPORARY LUMINAIRE, 250 W HPS OR LED C
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW

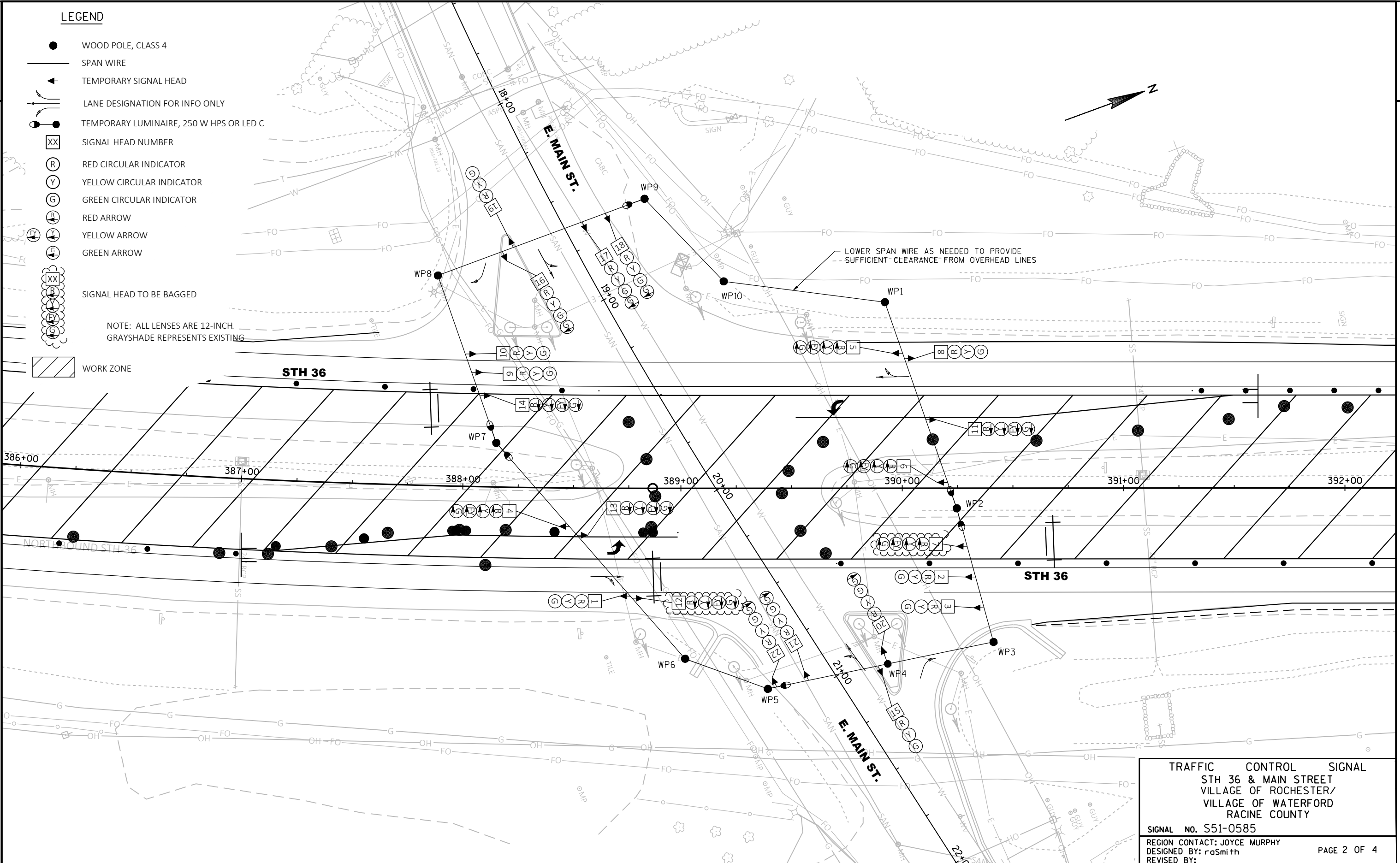


SIGNAL HEAD TO BE BAGGED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING



WORK ZONE



TRAFFIC CONTROL SIGNAL

STH 36 & MAIN STREET

VILLAGE OF ROCHESTER/
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO. S51-0585

REGION CONTACT: JOYCE MURPHY

DESIGNED BY: raSmith

REVISED BY:

PAGE 2 OF 4

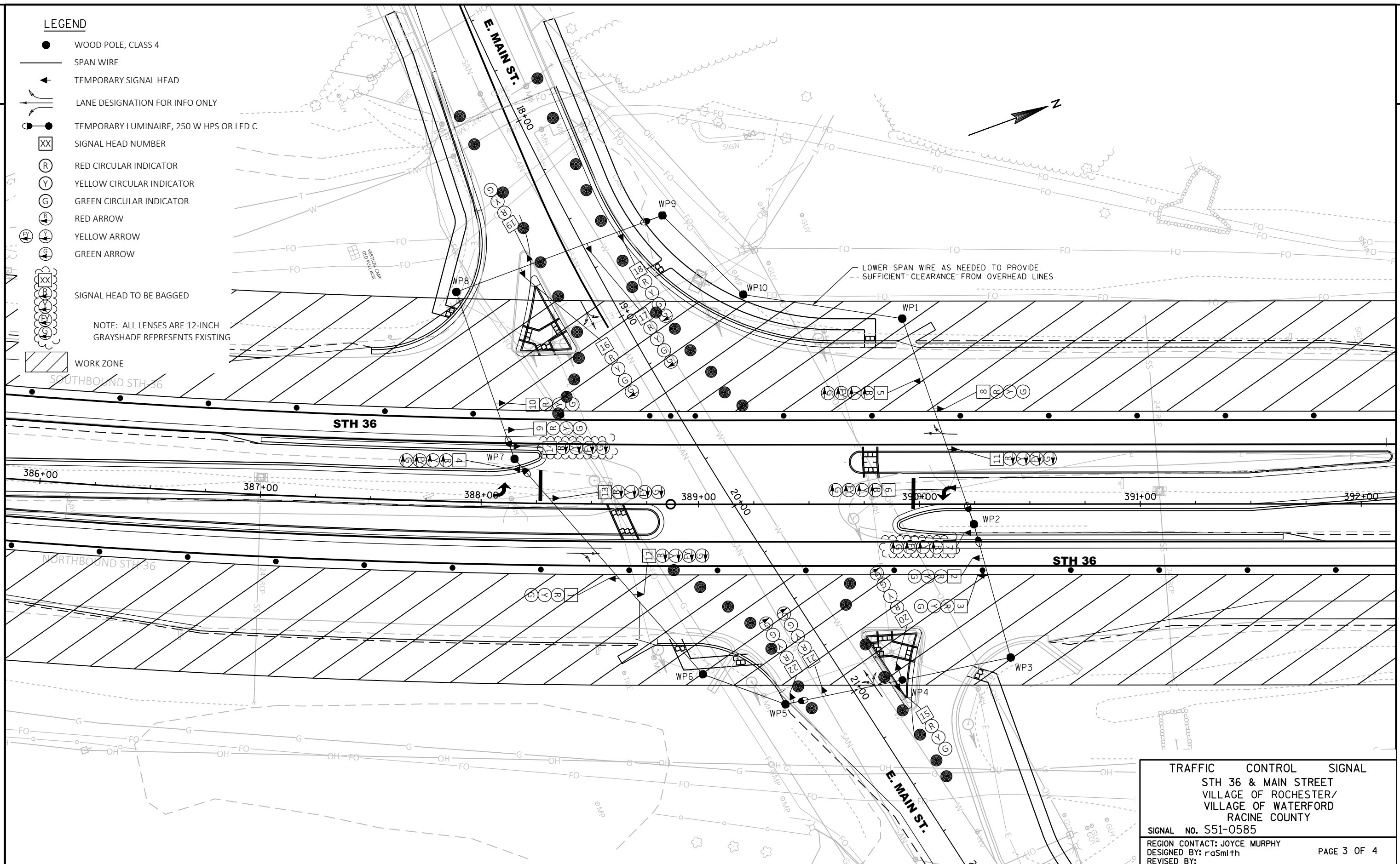
LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- LANE DESIGNATION FOR INFO ONLY
- TEMPORARY LUMINAIRE, 250 W HPS OR LED C
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW

SIGNAL HEAD TO BE BAGGED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

WORK ZONE



TRAFFIC CONTROL SIGNAL
STH 36 & MAIN STREET
VILLAGE OF ROCHESTER/
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO. S51-0585

REGION CONTACT: JOYCE MURPHY

DESIGNED BY: raSmith

REVISED BY:

PAGE 3 OF 4

PROJECT NO: 2240-00-77

HWY: STH 36

COUNTY: RACINE

TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 2

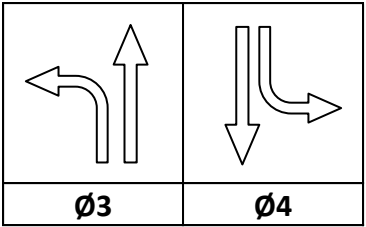
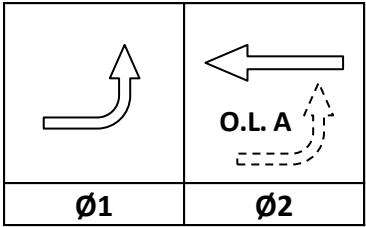
SHEET

PRE_118

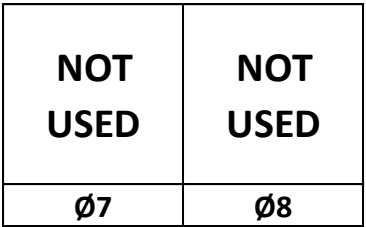
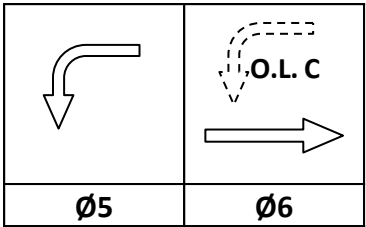
E

	HEAD NUMBERS	F L A S H
Ø1	4,5,6,7	R
Ø2	8,9,10	R
Ø3	15,16,17,18	R
Ø4	19,20,21,22	R
Ø5	11,12,13,14	R
Ø6	1,2,3	R
Ø7		
Ø8		
Ø2P		
Ø4P		
Ø6P		
Ø8P		
OLA	4,5,6,7	R
OLB		
OLC	11,12,13,14	R
OLD		

RING 1



RING 2



BARRIER



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2		6		X
3				X
4				X
5		2		X
6		2		X
7				
8				

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER	
CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

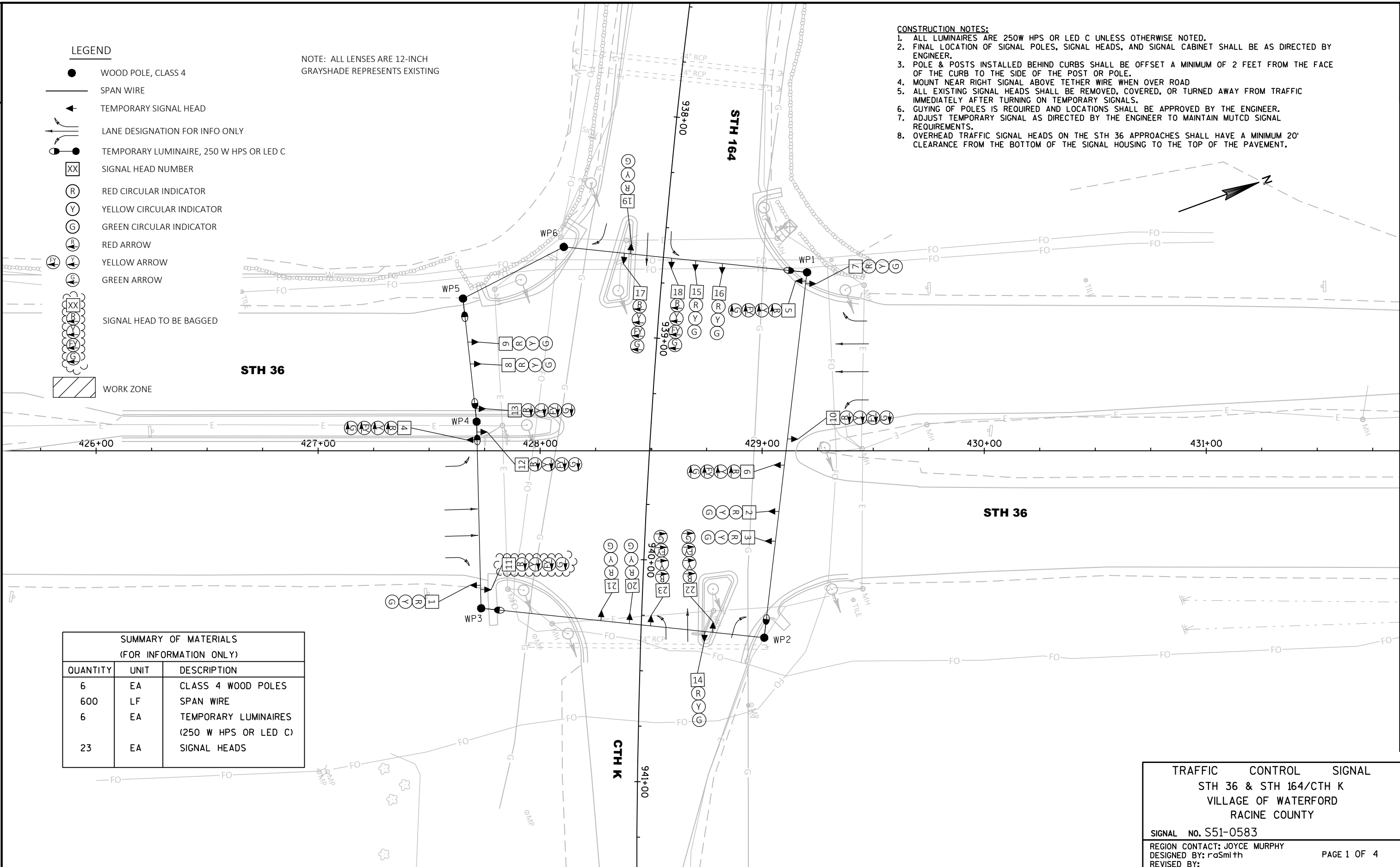
STH 36 & E MAIN STREET	
VILLAGE OF ROCHESTER/VILLAGE OF WATERFORD	
RACINE COUNTY	
SIGNAL NO: S51-0585	CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP	
DATE: 12/2019	PAGE NO. 4 OF 4

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- LANE DESIGNATION FOR INFO ONLY
- TEMPORARY LUMINAIRE, 250 W HPS OR LED C
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- SIGNAL HEAD TO BE BAGGED
- WORK ZONE

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

- CONSTRUCTION NOTES:
- ALL LUMINAIRES ARE 250W HPS OR LED C UNLESS OTHERWISE NOTED.
 - FINAL LOCATION OF SIGNAL POLES, SIGNAL HEADS, AND SIGNAL CABINET SHALL BE AS DIRECTED BY ENGINEER.
 - POLE & POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF THE CURB TO THE SIDE OF THE POST OR POLE.
 - MOUNT NEAR RIGHT SIGNAL ABOVE TETHER WIRE WHEN OVER ROAD
 - ALL EXISTING SIGNAL HEADS SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM TRAFFIC IMMEDIATELY AFTER TURNING ON TEMPORARY SIGNALS.
 - GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
 - ADJUST TEMPORARY SIGNAL AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
 - OVERHEAD TRAFFIC SIGNAL HEADS ON THE STH 36 APPROACHES SHALL HAVE A MINIMUM 20' CLEARANCE FROM THE BOTTOM OF THE SIGNAL HOUSING TO THE TOP OF THE PAVEMENT.



SUMMARY OF MATERIALS (FOR INFORMATION ONLY)		
QUANTITY	UNIT	DESCRIPTION
6	EA	CLASS 4 WOOD POLES
600	LF	SPAN WIRE
6	EA	TEMPORARY LUMINAIRES (250 W HPS OR LED C)
23	EA	SIGNAL HEADS

TRAFFIC CONTROL SIGNAL
STH 36 & STH 164/CTH K
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO. S51-0583

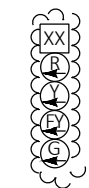
REGION CONTACT: JOYCE MURPHY
DESIGNED BY: raSmith
REVISED BY:

PAGE 1 OF 4

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- LANE DESIGNATION FOR INFO ONLY
- TEMPORARY LUMINAIRE, 250 W HPS OR LED C
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING



SIGNAL HEAD TO BE BAGGED

WORK ZONE

STH 36

STH 164

STH 36

CTH K

N

TRAFFIC CONTROL SIGNAL
STH 36 & STH 164/CTH K
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO. S51-0583

REGION CONTACT: JOYCE MURPHY
DESIGNED BY: raSmith
REVISED BY:

PAGE 2 OF 4

PROJECT NO:2240-00-77

HWY:STH 36

COUNTY:RACINE

TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 1

SHEET

PRE_121

E

FILE NAME : T:\1162705.03\TRAFFIC\SIGNAL DESIGN\024002-ST1.DWG
LAYOUT NAME - 024002-ST1 - STH36-STH164-11X17 (STAGE1)

PLOT DATE : 12/11/2019 1:02 PM

PLOT BY : GUILLAMA, TINA

PLOT NAME :

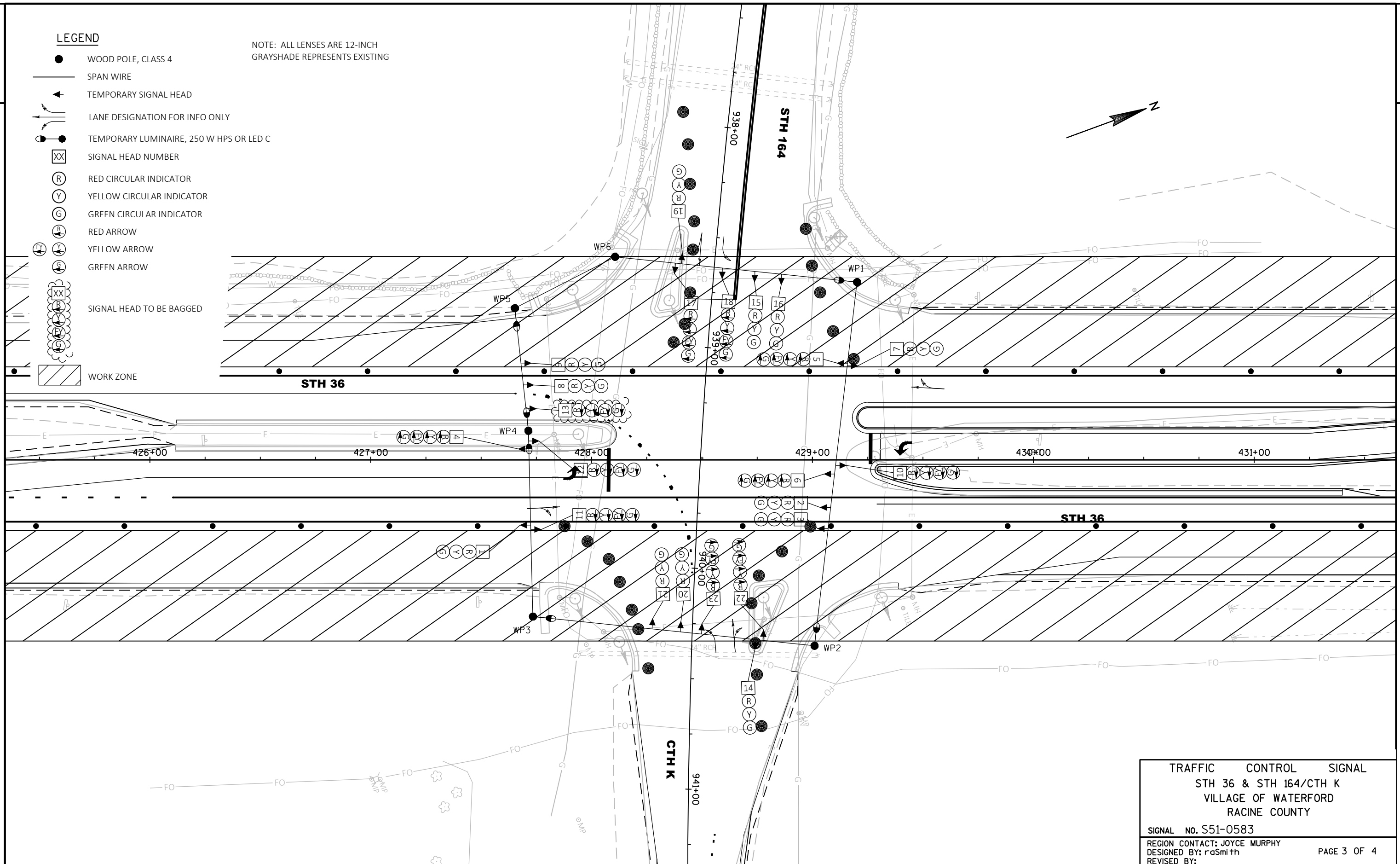
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDs SHEET 42

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- LANE DESIGNATION FOR INFO ONLY
- TEMPORARY LUMINAIRE, 250 W HPS OR LED C
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- SIGNAL HEAD TO BE BAGGED
- WORK ZONE

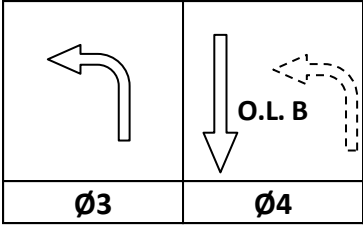
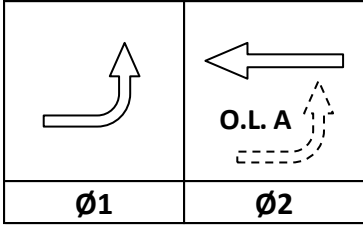
NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING



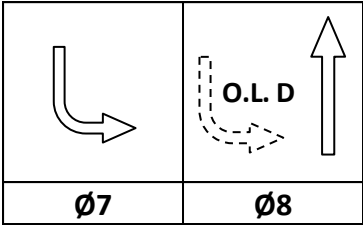
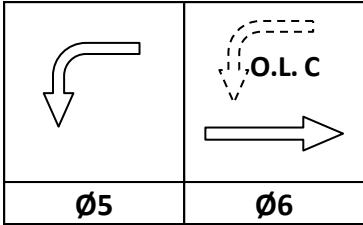
TRAFFIC CONTROL SIGNAL	
STH 36 & STH 164/CTH K	
VILLAGE OF WATERFORD	
RACINE COUNTY	
SIGNAL NO. S51-0583	
REGION CONTACT: JOYCE MURPHY	PAGE 3 OF 4
DESIGNED BY: raSmith	
REVISED BY:	

	HEAD NUMBERS	F L A S H
Ø1	4,5,6	R
Ø2	7,8,9	R
Ø3	17,18	R
Ø4	19,20,21	R
Ø5	10,11,12,13	R
Ø6	1,2,3	R
Ø7	22,23	R
Ø8	14,15,16	R
Ø2P		
Ø4P		
Ø6P		
Ø8P		
OLA	4,5,6	R
OLB	17,18	R
OLC	10,11,12,13	R
OLD	22,23	R

RING 1



RING 2



BARRIER



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6	MAX	X
2		6	MAX	X
3		8	MAX	X
4		8	MAX	X
5		2	MAX	X
6		2	MAX	X
7		4	MAX	X
8		4	MAX	X

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER	
CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

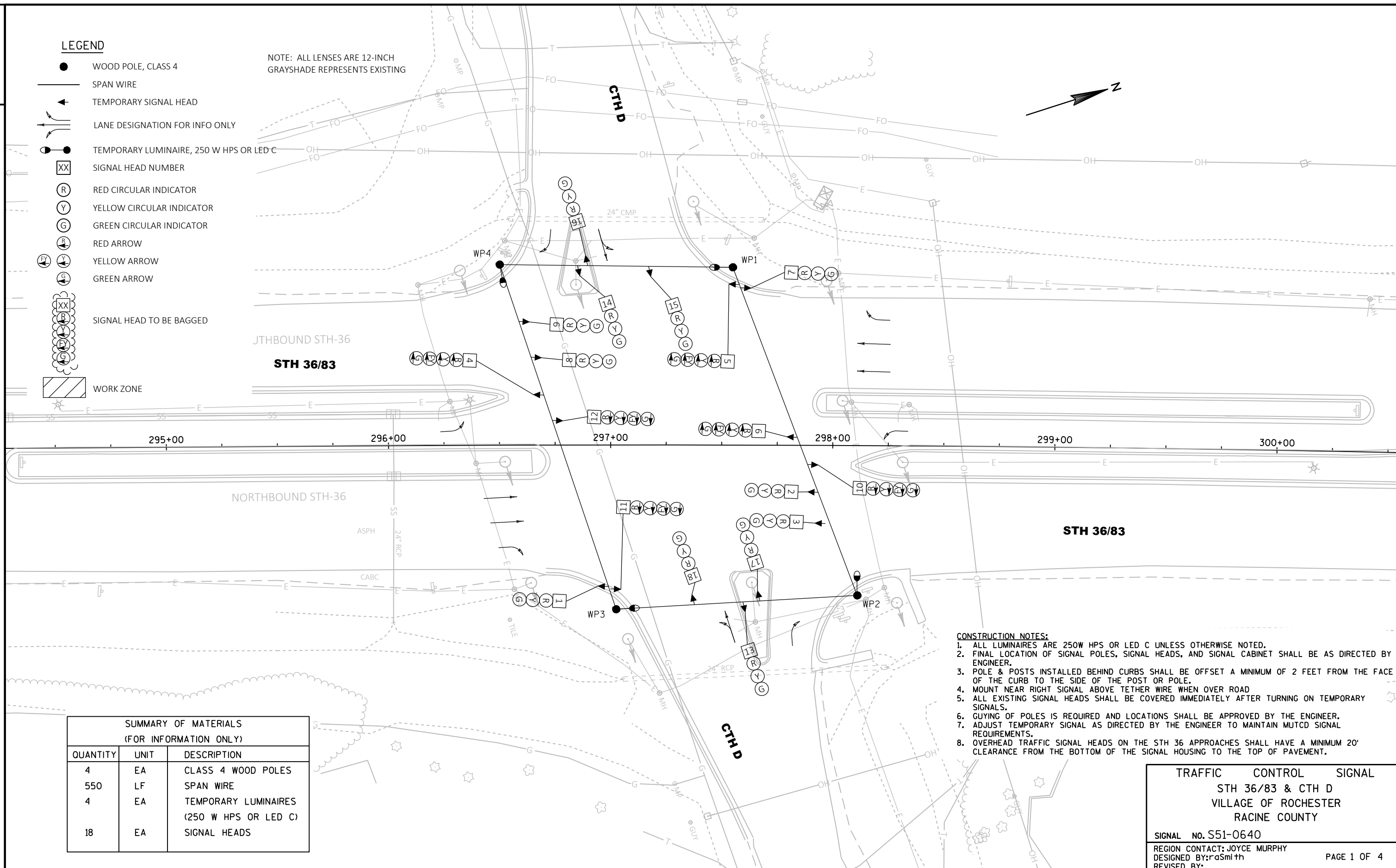
TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

STH 36 & STH 164	
VILLAGE OF WATERFORD	
RACINE COUNTY	
SIGNAL NO: S51-0583	CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP	
DATE: 12/2019	PAGE NO. 4 OF 4

LEGEND

- WOOD POLE, CLASS 4
— SPAN WIRE
▲ TEMPORARY SIGNAL HEAD
↔ LANE DESIGNATION FOR INFO ONLY
● TEMPORARY LUMINAIRE, 250 W HPS OR LED C
XX SIGNAL HEAD NUMBER
R RED CIRCULAR INDICATOR
Y YELLOW CIRCULAR INDICATOR
G GREEN CIRCULAR INDICATOR
R RED ARROW
Y YELLOW ARROW
G GREEN ARROW
XX R Y G
SIGNAL HEAD TO BE BAGGED
WORK ZONE

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING



CONSTRUCTION NOTES:

1. ALL LUMINAIRES ARE 250W HPS OR LED C UNLESS OTHERWISE NOTED.
2. FINAL LOCATION OF SIGNAL POLES, SIGNAL HEADS, AND SIGNAL CABINET SHALL BE AS DIRECTED BY ENGINEER.
3. POLE & POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF THE CURB TO THE SIDE OF THE POST OR POLE.
4. MOUNT NEAR RIGHT SIGNAL ABOVE TETHER WIRE WHEN OVER ROAD
5. ALL EXISTING SIGNAL HEADS SHALL BE COVERED IMMEDIATELY AFTER TURNING ON TEMPORARY SIGNALS.
6. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
7. ADJUST TEMPORARY SIGNAL AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
8. OVERHEAD TRAFFIC SIGNAL HEADS ON THE STH 36 APPROACHES SHALL HAVE A MINIMUM 20' CLEARANCE FROM THE BOTTOM OF THE SIGNAL HOUSING TO THE TOP OF PAVEMENT.

SUMMARY OF MATERIALS (FOR INFORMATION ONLY)		
QUANTITY	UNIT	DESCRIPTION
4	EA	CLASS 4 WOOD POLES
550	LF	SPAN WIRE
4	EA	TEMPORARY LUMINAIRES (250 W HPS OR LED C)
18	EA	SIGNAL HEADS

TRAFFIC CONTROL SIGNAL
STH 36/83 & CTH D
VILLAGE OF ROCHESTER
RACINE COUNTY

SIGNAL NO. S51-0640

REGION CONTACT: JOYCE MURPHY
DESIGNED BY: raSmith
REVISED BY:

PAGE 1 OF 4

PROJECT NO: 2240-00-77

HWY: STH 36

COUNTY: RACINE

TEMPORARY TRAFFIC SIGNAL PLAN - PRECONSTRUCTION STAGE

SHEET

PRE_124

E

FILE NAME : T:\1162705.03\TRAFFIC\SIGNAL DESIGN\024001-ST--PRECON.DWG
LAYOUT NAME - 024001-ST--PRECON - STH36-CTH D-11X17 (PRECON)

PLOT DATE : 12/11/2019 2:09 PM

PLOT BY : UTIC, ANDY

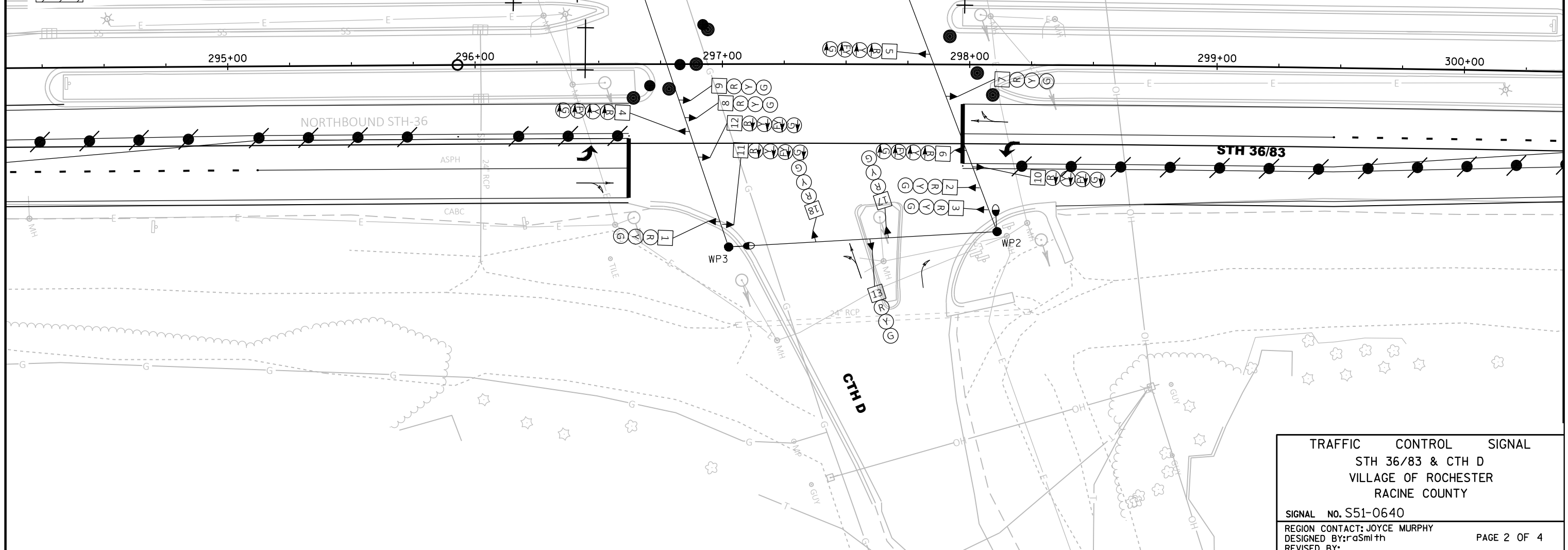
PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDs SHEET 42

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

- SOUTHBOUND STH-36
-
- STH 36/83**

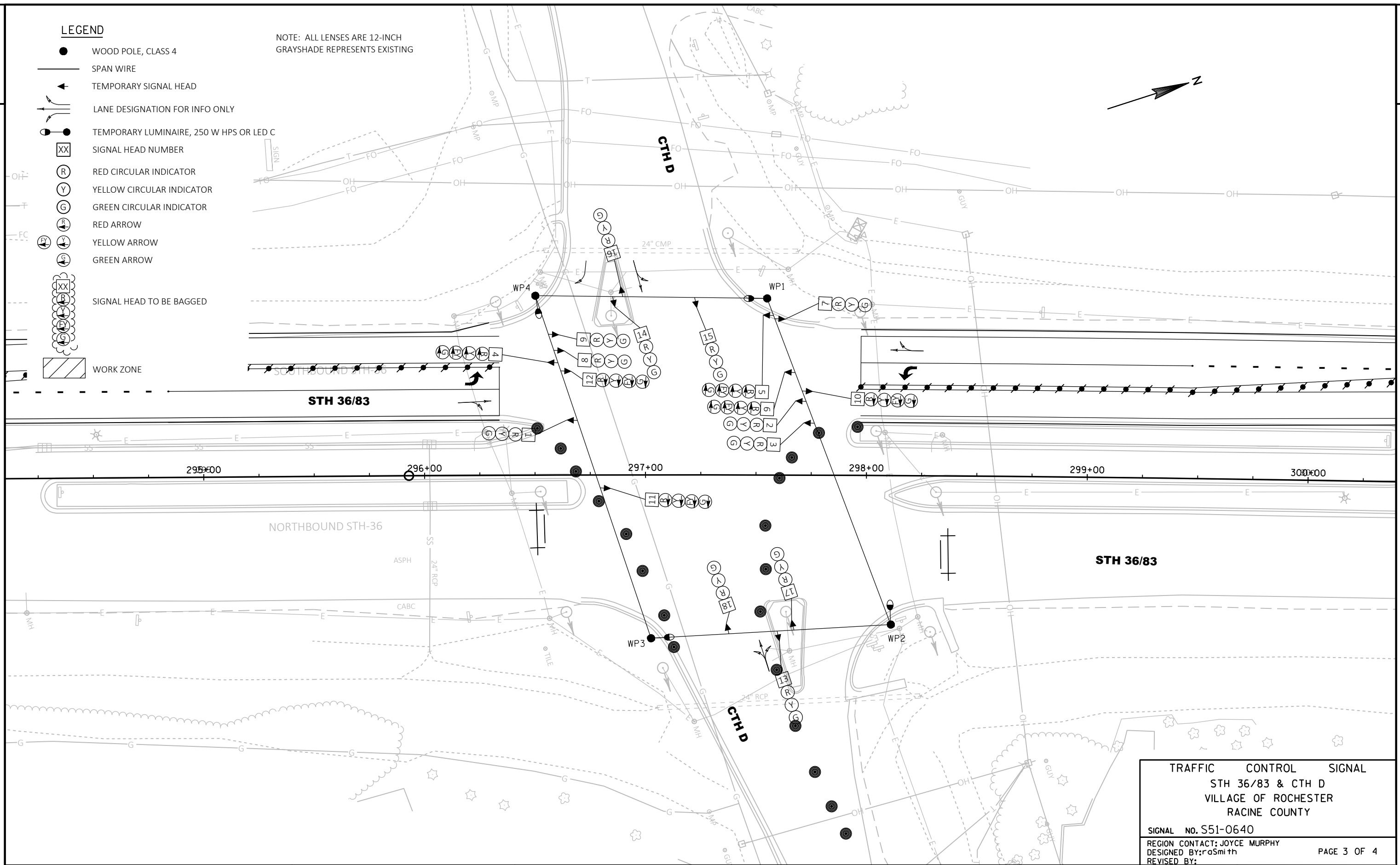
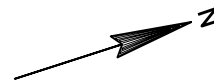


TRAFFIC CONTROL SIGNAL	
STH 36/83 & CTH D	
VILLAGE OF ROCHESTER	
RACINE COUNTY	
SIGNAL NO. S51-0640	
REGION CONTACT: JOYCE MURPHY DESIGNED BY: rasmith REVISED BY:	PAGE 2 OF 4

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- LANE DESIGNATION FOR INFO ONLY
- TEMPORARY LUMINAIRE, 250 W HPS OR LED C
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- SIGNAL HEAD TO BE BAGGED
- WORK ZONE

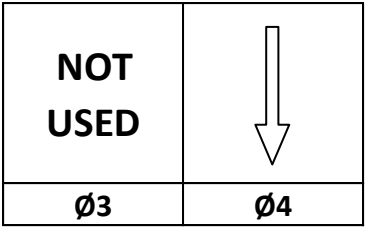
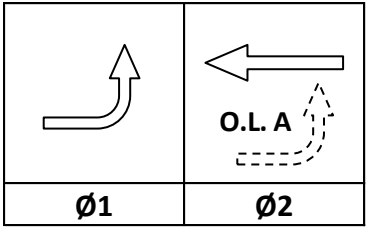
NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING



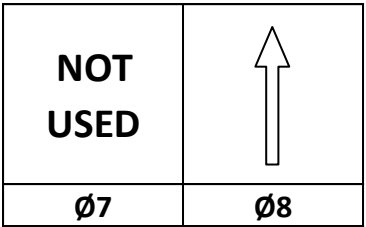
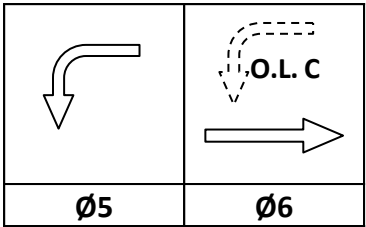
TRAFFIC CONTROL SIGNAL		
STH 36/83 & CTH D		
VILLAGE OF ROCHESTER		
RACINE COUNTY		
SIGNAL NO. S51-0640		
REGION CONTACT: JOYCE MURPHY		PAGE 3 OF 4
DESIGNED BY: raSmith		
REVISED BY:		

	HEAD NUMBERS	F L A S H
Ø1	4,5,6	
Ø2	7,8,9	R
Ø3		
Ø4	16,17,18	R
Ø5	10,11,12	
Ø6	1,2,3	R
Ø7		
Ø8	13,14,15	R
Ø2P		
Ø4P		
Ø6P		
Ø8P		
OLA	4,5,6	
OLB		
OLC	10,11,12	
OLD		

RING 1



RING 2



BARRIER



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6	MAX	X
2		6	MAX	X
3				
4		8	MAX	X
5		2	MAX	X
6		2	MAX	X
7				
8		4	MAX	X

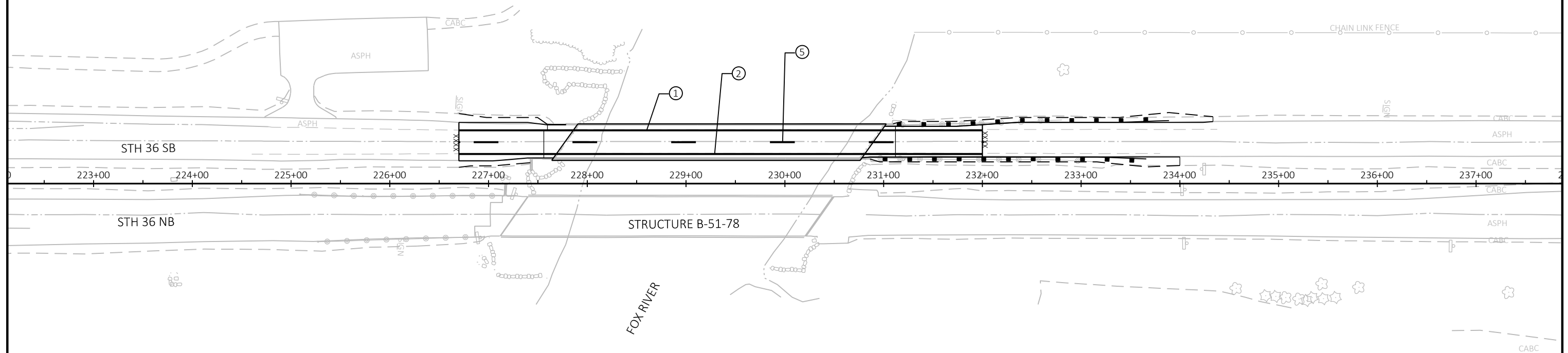
TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER	
CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

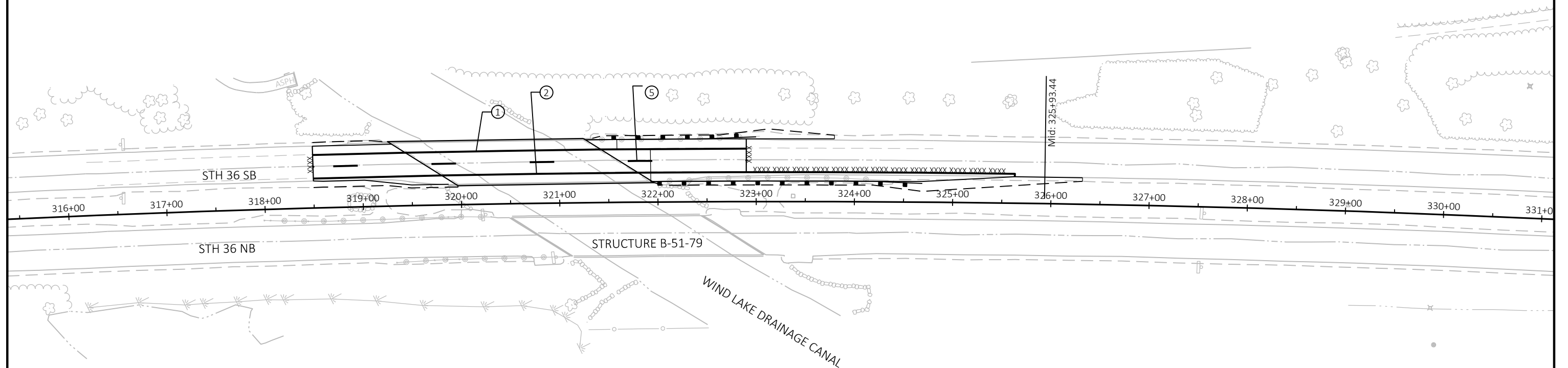
TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

STH 36/83 & CTH D	
TOWN OF ROCHESTER	
RACINE COUNTY	
SIGNAL NO: S51-0640	CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP	
DATE: 12/2019	PAGE NO. 4 OF 4



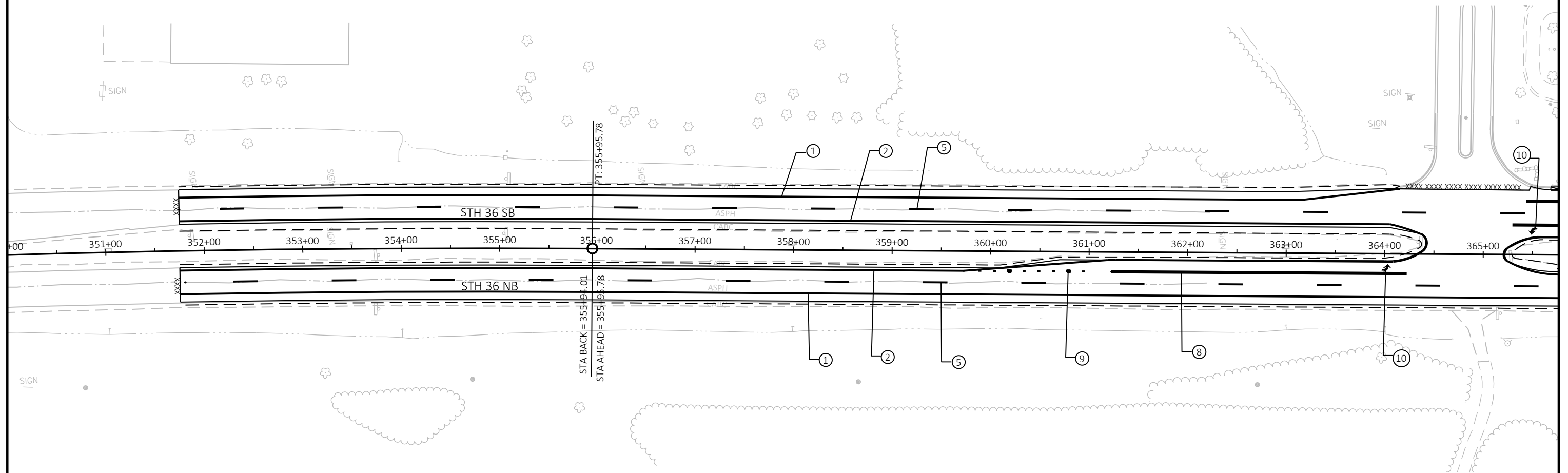
LEGEND

①	MARKING LINE EPOXY 4-INCH (WHITE)	⑧	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
②	MARKING LINE EPOXY 4-INCH (YELLOW)	⑨	MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩	MARKING ARROW EPOXY
④	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪	MARKING STOP LINE EPOXY 18-INCH
⑤	MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫	MARKING YIELD LINE EPOXY 18-INCH
⑥	MARKING LINE EPOXY 8-INCH	⑬	MARKING DIAGONAL EPOXY 12-INCH
⑦	MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
		⑮	MARKING CURB EPOXY
		⑯	MARKING ISLAND NOSE EPOXY



LEGEND

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY



LEGEND

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY

PROJECT NO: 2240-00-07

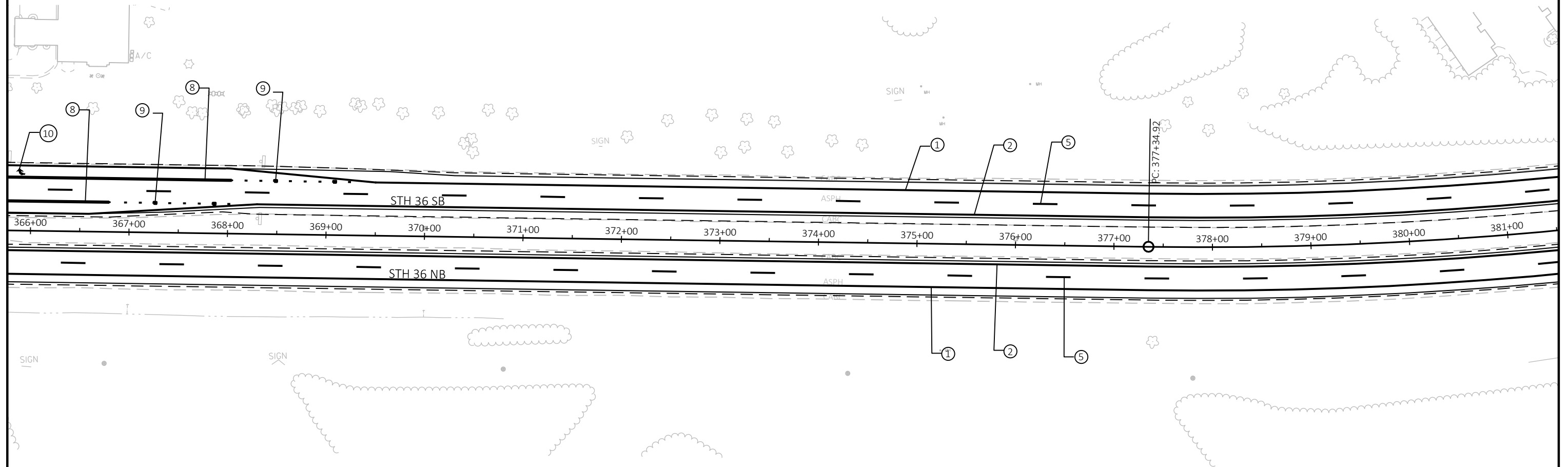
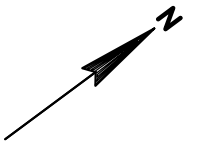
HWY: STH 36

COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_130 E

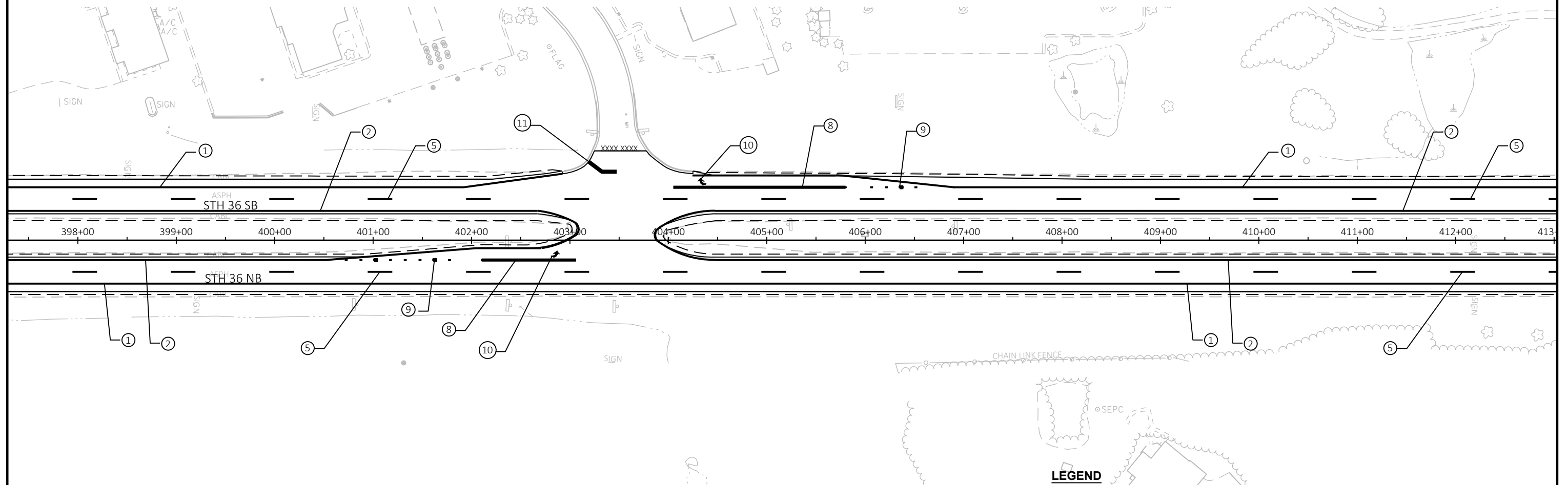


LEGEND

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY

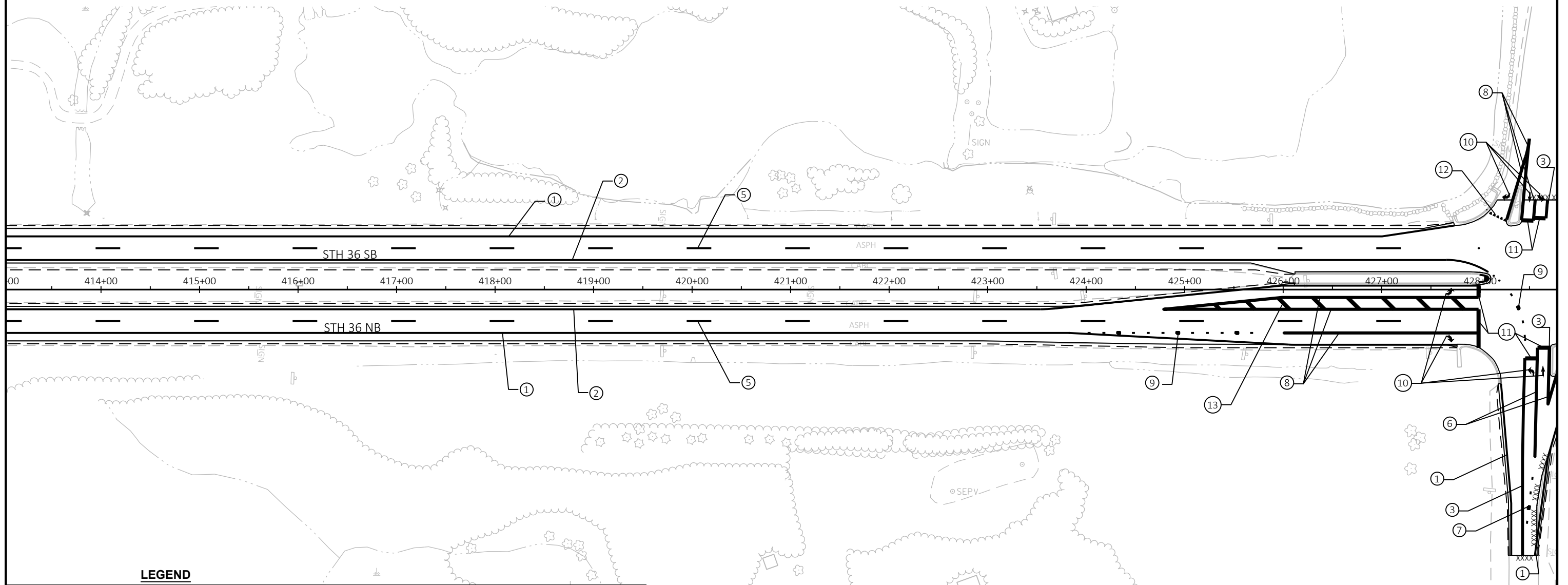


- | | | | |
|---|---|---|---|
| ① | MARKING LINE EPOXY 4-INCH (WHITE) | ⑧ | MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE) |
| ② | MARKING LINE EPOXY 4-INCH (YELLOW) | ⑨ | MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE) |
| ③ | MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW) | ⑩ | MARKING ARROW EPOXY |
| ④ | MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE) | ⑪ | MARKING STOP LINE EPOXY 18-INCH |
| ⑤ | MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE) | ⑫ | MARKING YIELD LINE EPOXY 18-INCH |
| ⑥ | MARKING LINE EPOXY 8-INCH | ⑬ | MARKING DIAGONAL EPOXY 12-INCH |
| ⑦ | MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE) | ⑭ | MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH |
| | | ⑮ | MARKING CURB EPOXY |
| | | ⑯ | MARKING ISLAND NOSE EPOXY |



LEGEND

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY

**LEGEND**

- | | |
|---|---|
| ① MARKING LINE EPOXY 4-INCH (WHITE) | ⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE) |
| ② MARKING LINE EPOXY 4-INCH (YELLOW) | ⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE) |
| ③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW) | ⑩ MARKING ARROW EPOXY |
| ④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE) | ⑪ MARKING STOP LINE EPOXY 18-INCH |
| ⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE) | ⑫ MARKING YIELD LINE EPOXY 18-INCH |
| ⑥ MARKING LINE EPOXY 8-INCH | ⑬ MARKING DIAGONAL EPOXY 12-INCH |
| ⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE) | ⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH |
| | ⑮ MARKING CURB EPOXY |
| | ⑯ MARKING ISLAND NOSE EPOXY |

PROJECT NO: 2240-00-07

HWY: STH 36

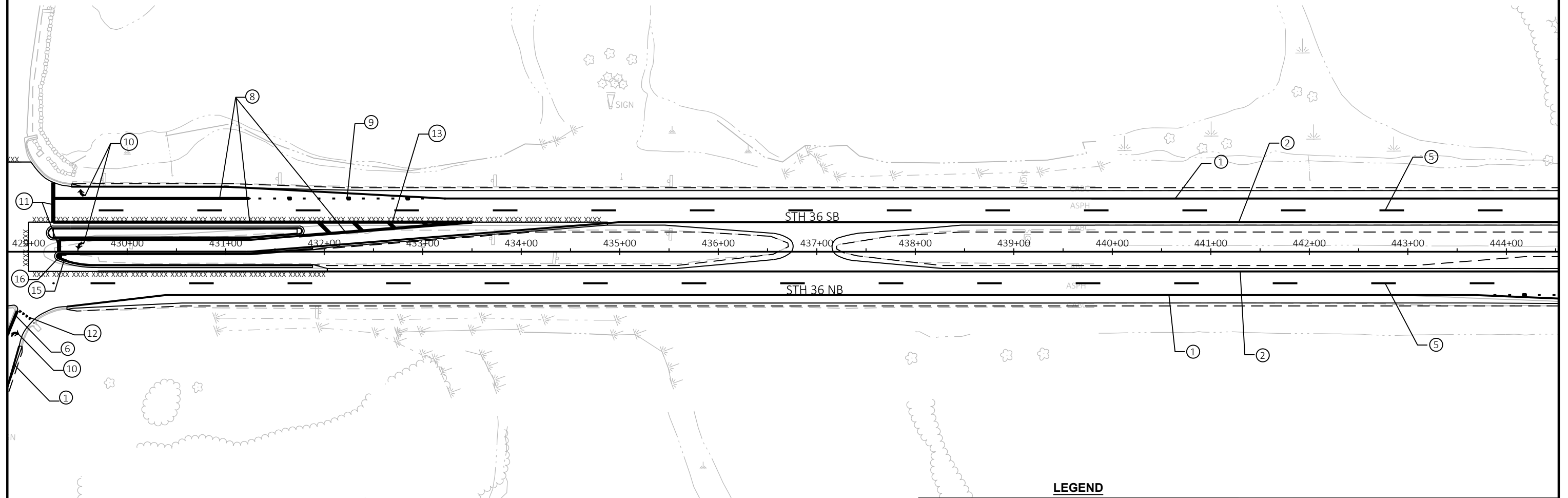
COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_134

E



LEGEND

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY

PROJECT NO: 2240-00-07

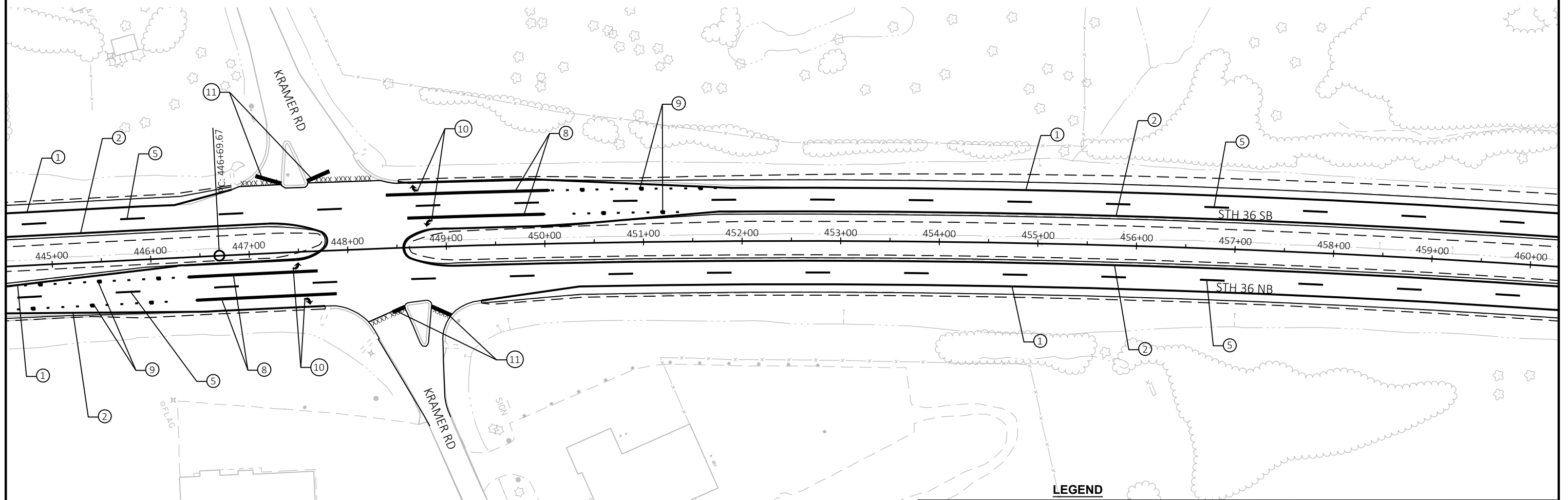
HWY: STH 36

COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_135 E



LEGEND

- | | |
|---|---|
| ① MARKING LINE EPOXY 4-INCH (WHITE) | ⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE) |
| ② MARKING LINE EPOXY 4-INCH (YELLOW) | ⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE) |
| ③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW) | ⑩ MARKING ARROW EPOXY |
| ④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE) | ⑪ MARKING STOP LINE EPOXY 18-INCH |
| ⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE) | ⑫ MARKING YIELD LINE EPOXY 18-INCH |
| ⑥ MARKING LINE EPOXY 8-INCH | ⑬ MARKING DIAGONAL EPOXY 12-INCH |
| ⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE) | ⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH |
| | ⑮ MARKING CURB EPOXY |
| | ⑯ MARKING ISLAND NOSE EPOXY |

PROJECT NO: 2240-00-07

HWY: STH 36

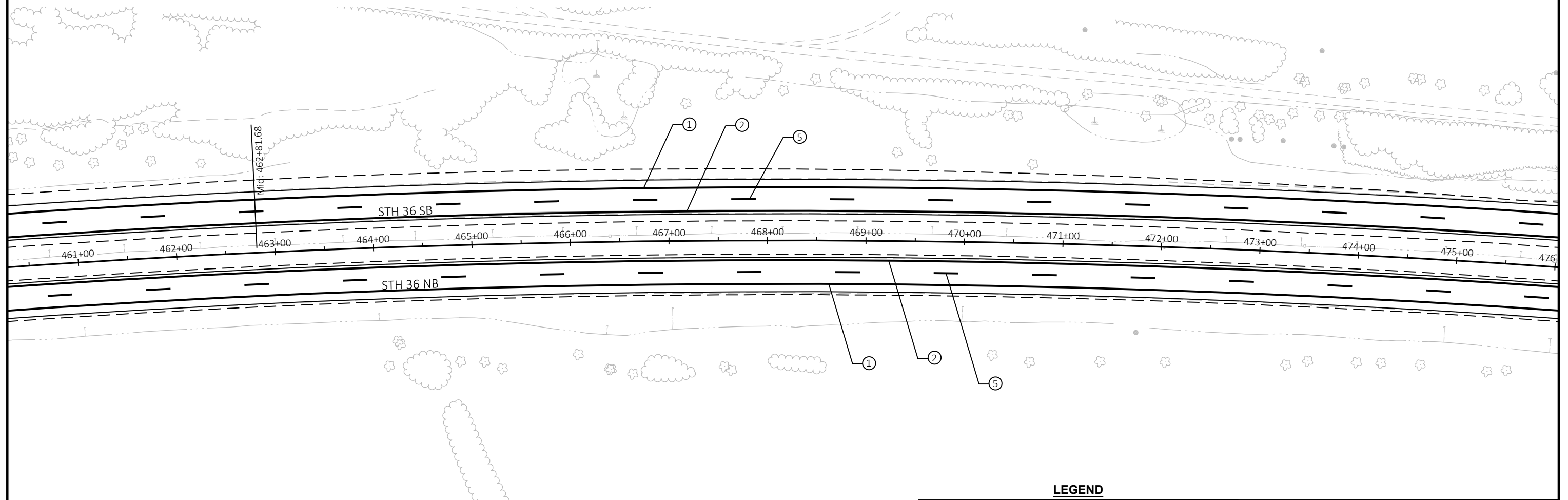
COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_136

E

**LEGEND**

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY

PROJECT NO: 2240-00-77

HWY: STH 36

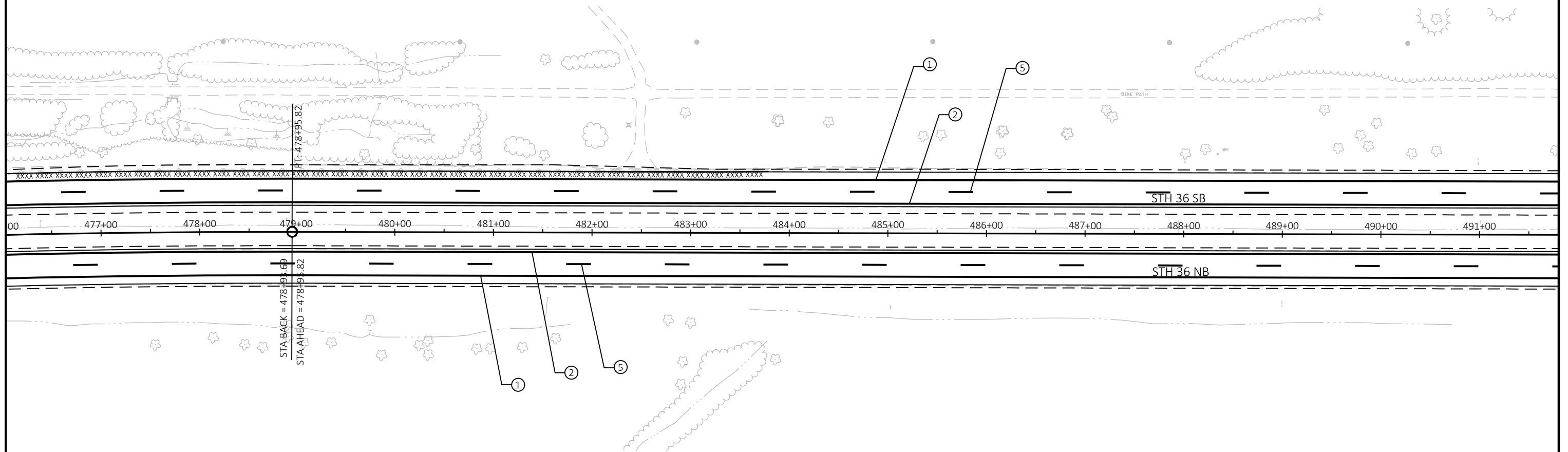
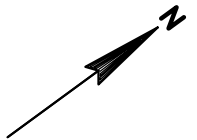
COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_137

E



LEGEND

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY

PROJECT NO: 2240-00-77

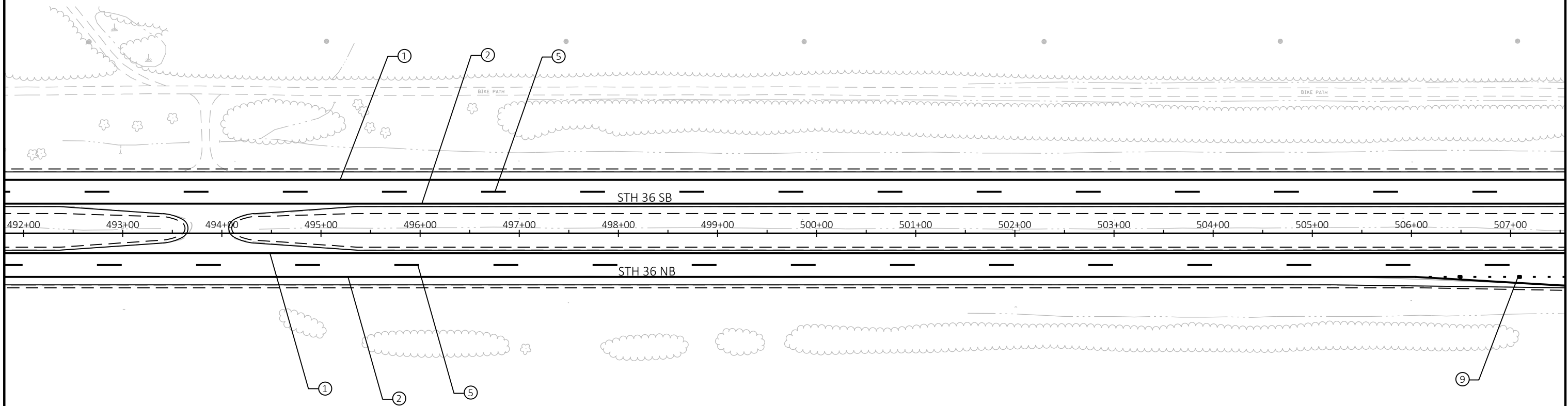
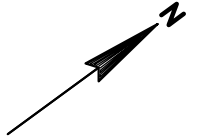
HWY: STH 36

COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_138 E



LEGEND

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY

PROJECT NO: 2240-00-77

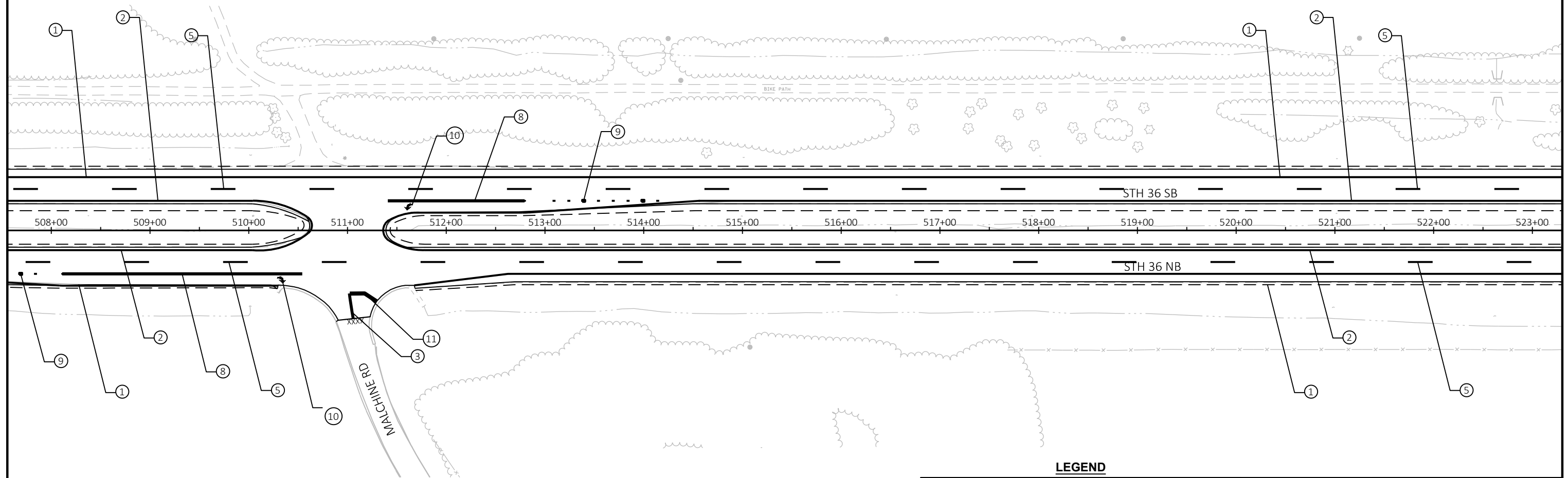
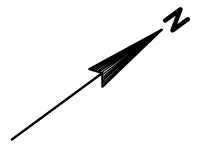
HWY: STH 36

COUNTY: RACINE

PERMANENT PAVEMENT MARKING

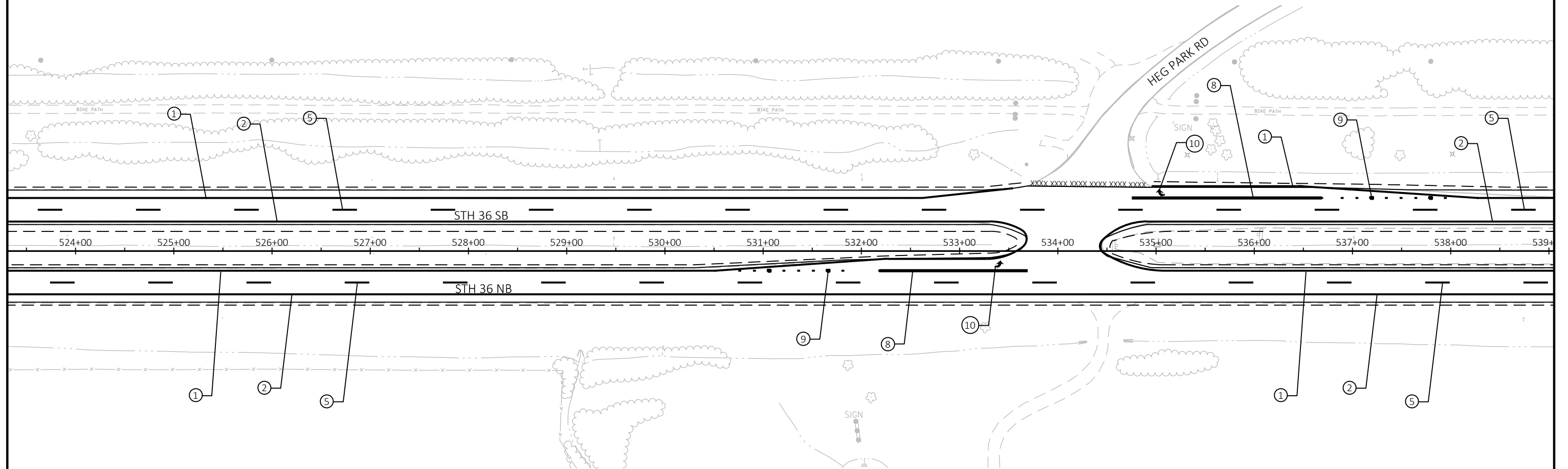
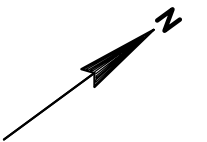
SHEET

PRE_139 E



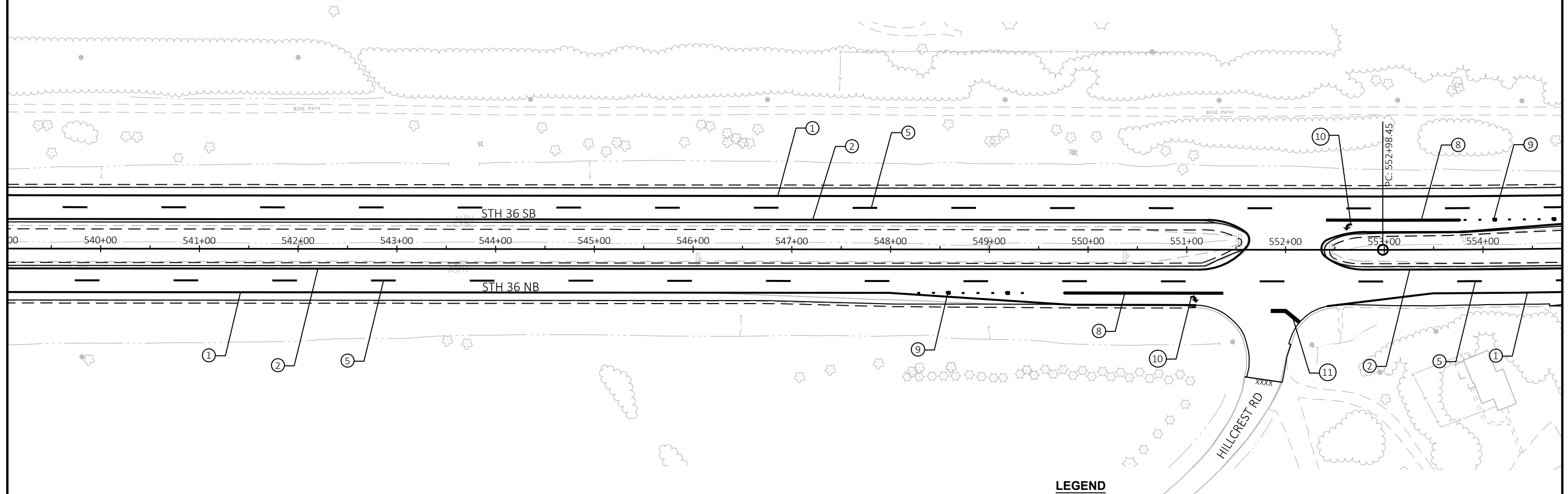
LEGEND

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY



LEGEND

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY



LEGEND

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY

PROJECT NO: 2240-00-77

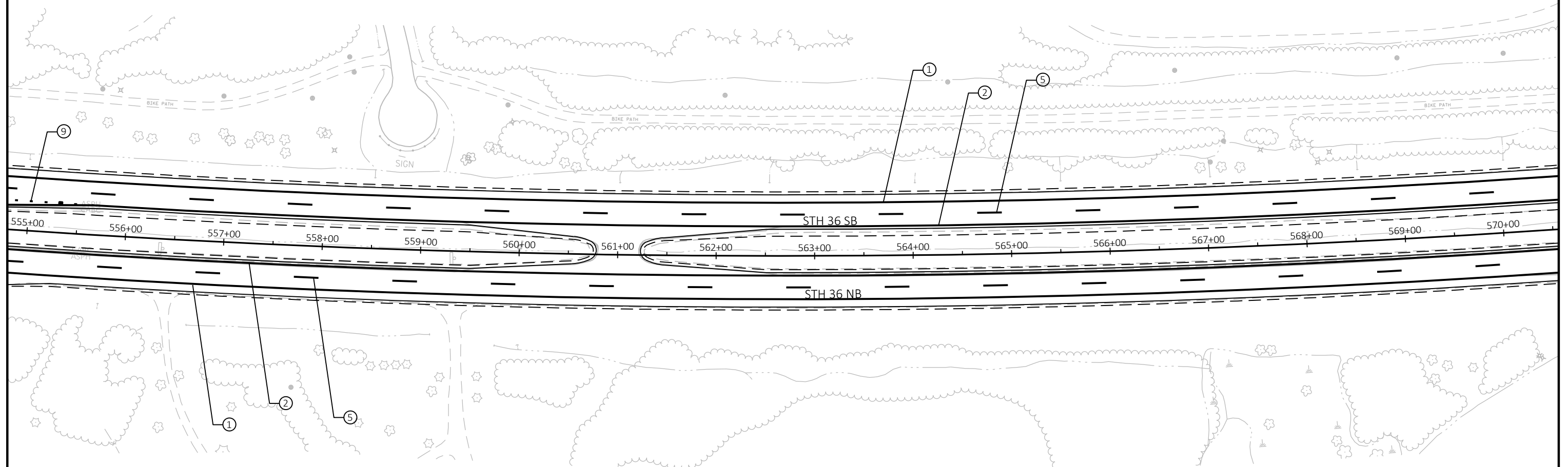
HWY: STH 36

COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_142 E

**LEGEND**

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY

PROJECT NO: 2240-00-77

HWY: STH 36

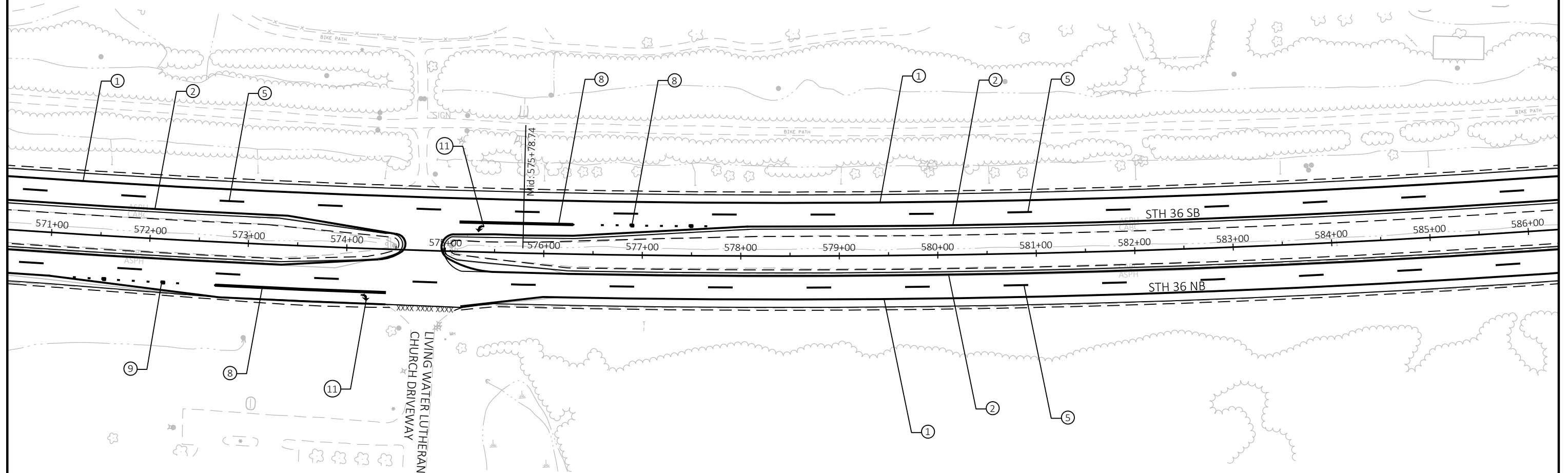
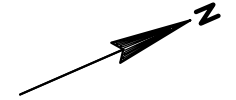
COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_143

E

**LEGEND**

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY

PROJECT NO: 2240-00-77

HWY: STH 36

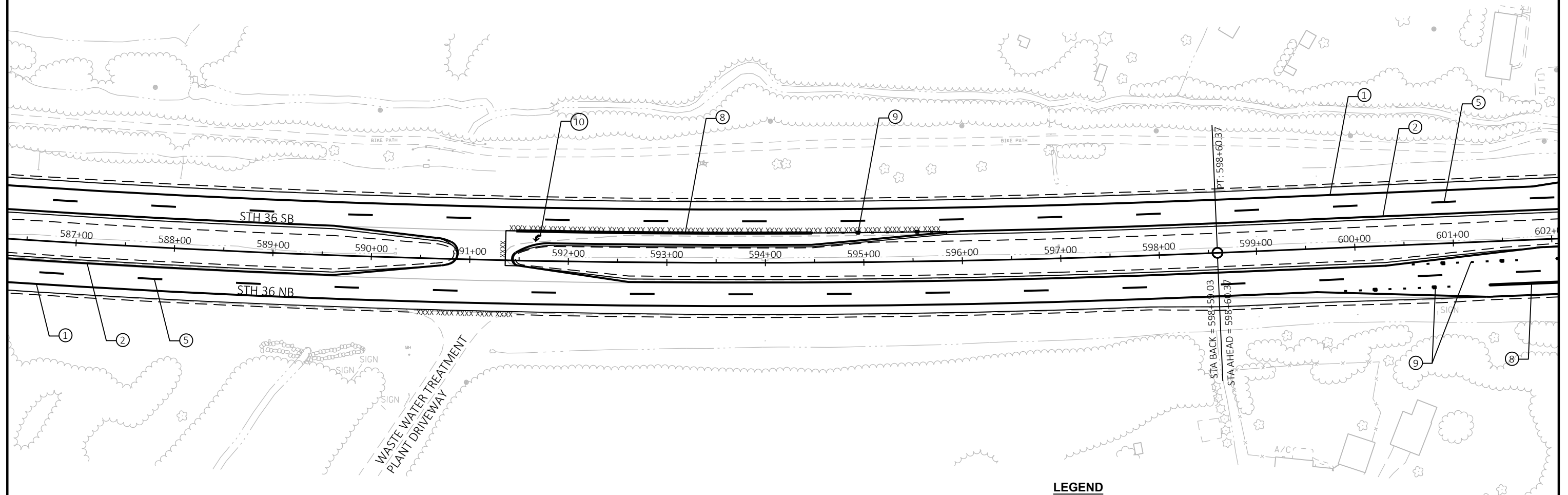
COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_144

E



LEGEND

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY

PROJECT NO: 2240-00-77

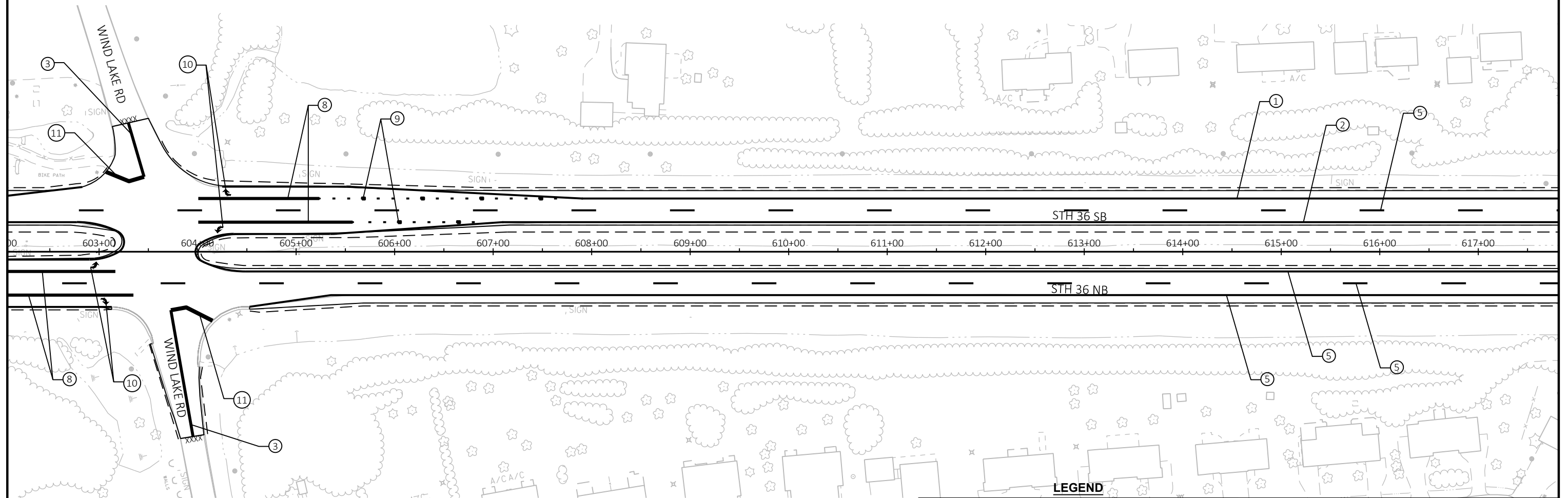
HWY: STH 36

COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_145 E



PROJECT NO: 2240-00-77

HWY: STH 36

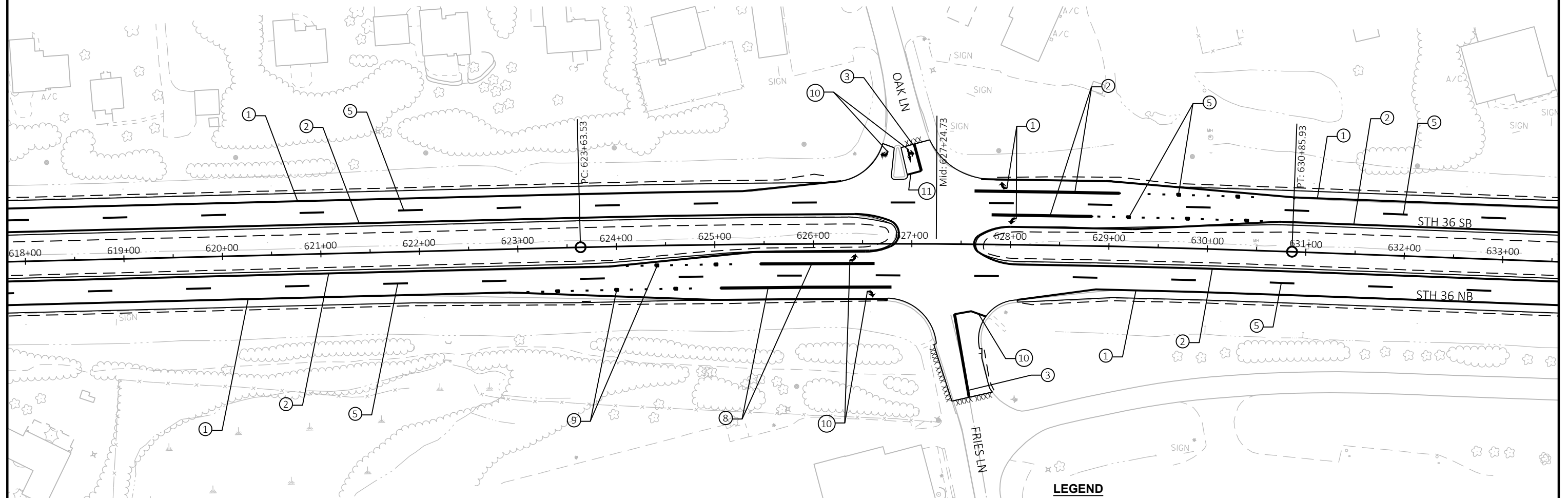
COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_146

E

**LEGEND**

- | | |
|---|---|
| ① MARKING LINE EPOXY 4-INCH (WHITE) | ⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE) |
| ② MARKING LINE EPOXY 4-INCH (YELLOW) | ⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE) |
| ③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW) | ⑩ MARKING ARROW EPOXY |
| ④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE) | ⑪ MARKING STOP LINE EPOXY 18-INCH |
| ⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE) | ⑫ MARKING YIELD LINE EPOXY 18-INCH |
| ⑥ MARKING LINE EPOXY 8-INCH | ⑬ MARKING DIAGONAL EPOXY 12-INCH |
| ⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE) | ⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH |
| | ⑮ MARKING CURB EPOXY |
| | ⑯ MARKING ISLAND NOSE EPOXY |

PROJECT NO: 2240-00-77

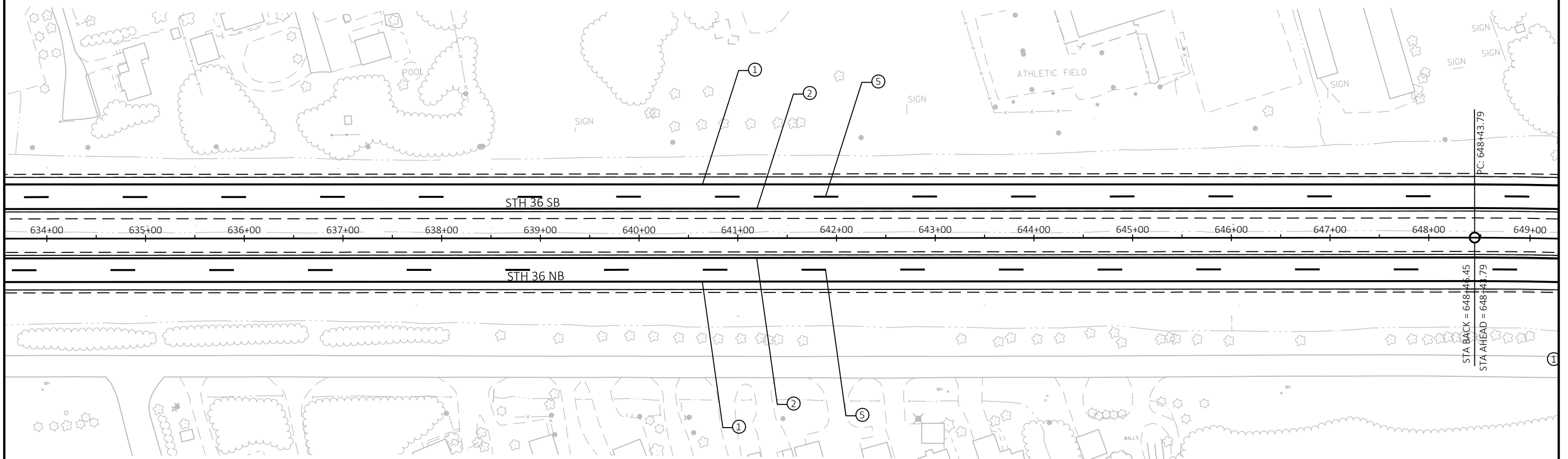
HWY: STH 36

COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_147 E

**LEGEND**

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY

PROJECT NO: 2240-00-77

HWY: STH 36

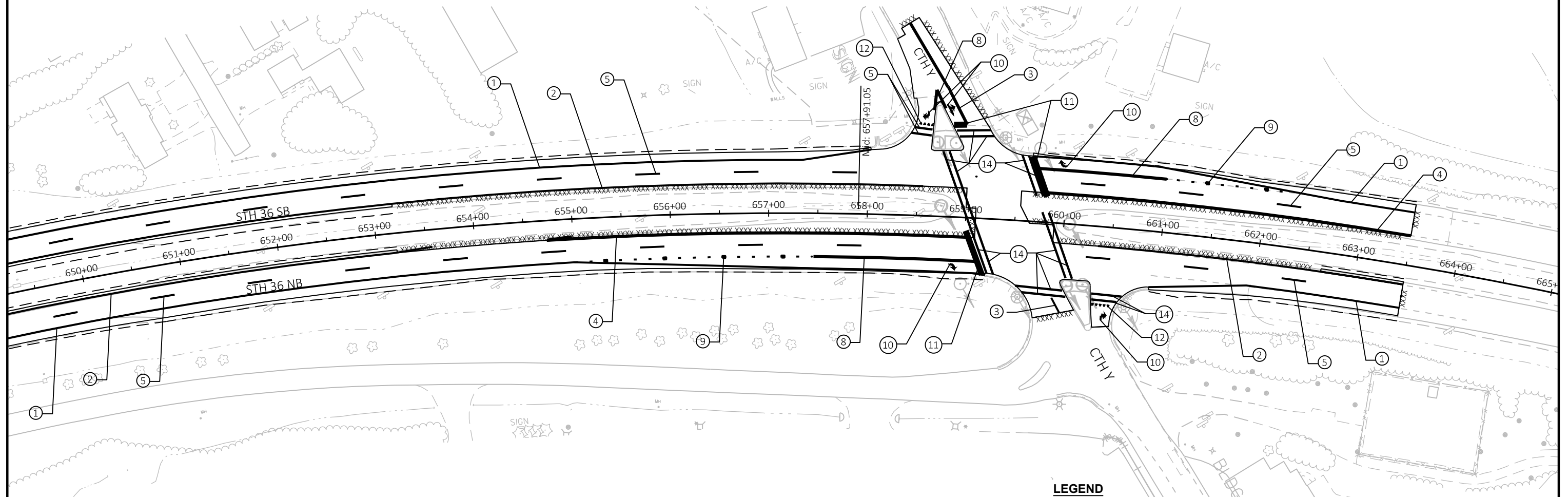
COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_148

E

**LEGEND**

① MARKING LINE EPOXY 4-INCH (WHITE)	⑧ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE)
② MARKING LINE EPOXY 4-INCH (YELLOW)	⑨ MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)
③ MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	⑩ MARKING ARROW EPOXY
④ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE)	⑪ MARKING STOP LINE EPOXY 18-INCH
⑤ MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (12.5' LINE, 37.5' GAP, DASHED, WHITE)	⑫ MARKING YIELD LINE EPOXY 18-INCH
⑥ MARKING LINE EPOXY 8-INCH	⑬ MARKING DIAGONAL EPOXY 12-INCH
⑦ MARKING LINE EPOXY 8-INCH (3' LINE, 9' GAP, DASHED, WHITE)	⑭ MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
	⑮ MARKING CURB EPOXY
	⑯ MARKING ISLAND NOSE EPOXY

PROJECT NO: 2240-00-77

HWY: STH 36

COUNTY: RACINE

PERMANENT PAVEMENT MARKING

SHEET

PRE_149 E

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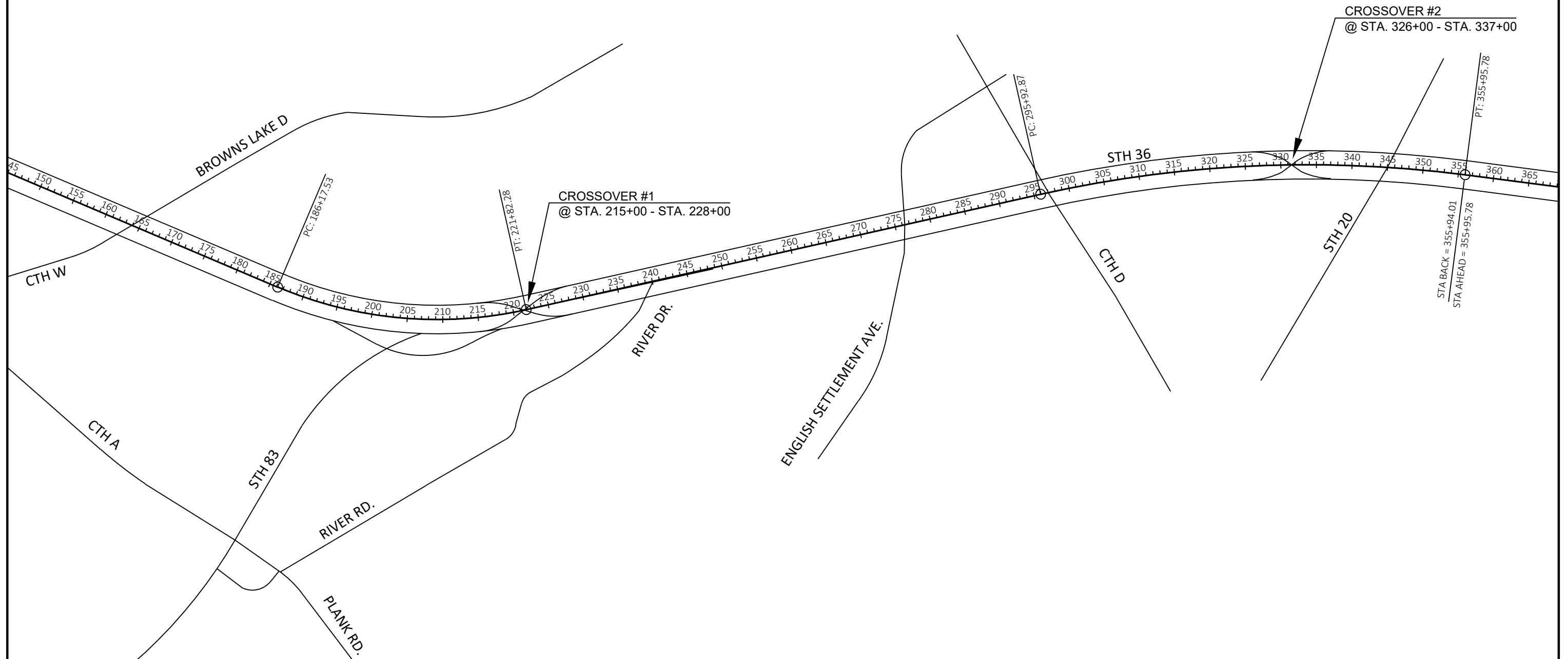
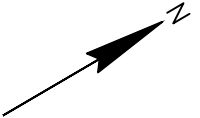
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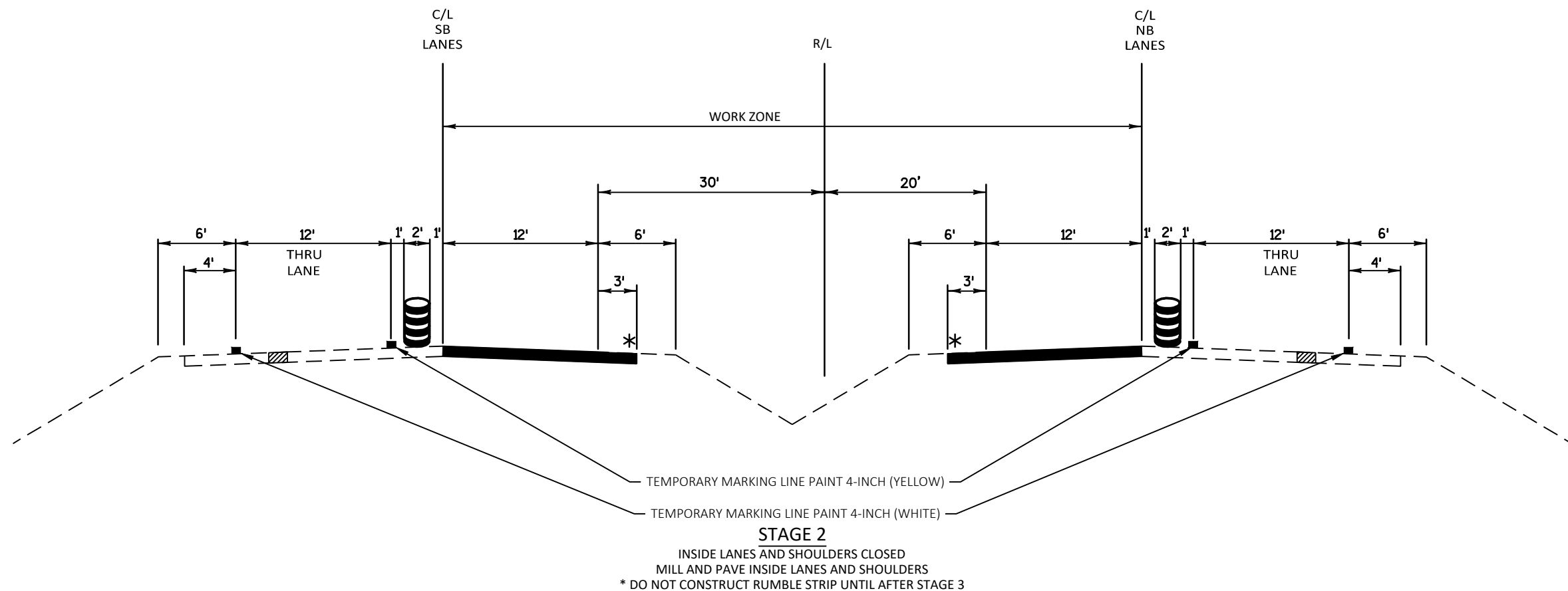
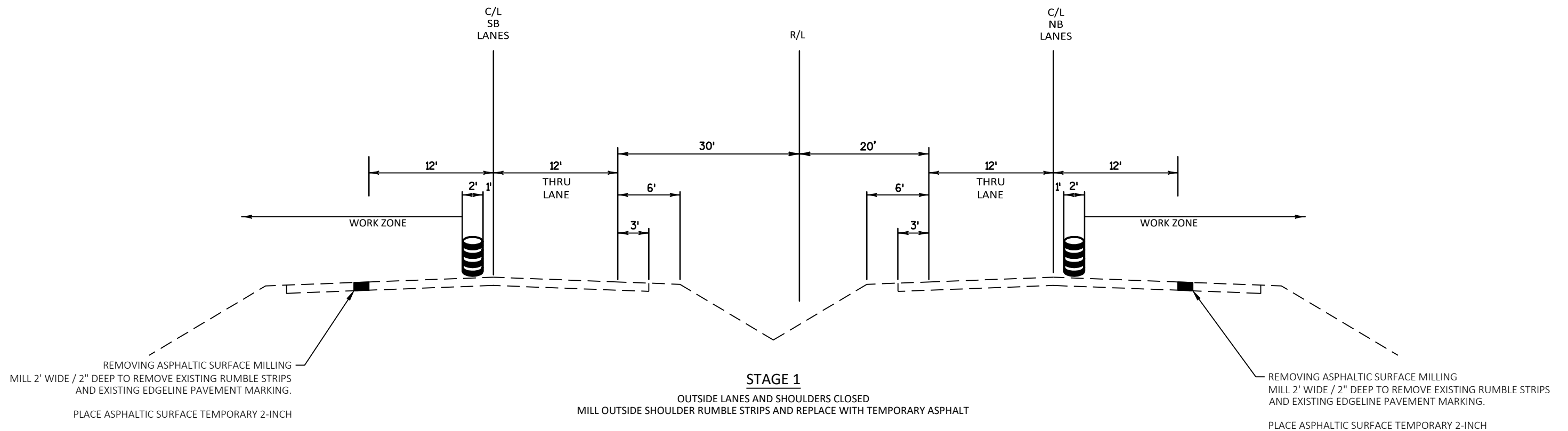
PLOT BY : SCHROEDER, JENNIFER

PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDs SHEET 42





TRAFFIC CONTROL TYPICAL SECTION
STH 20 to CTH Y

PROJECT NO: 2240-00-77

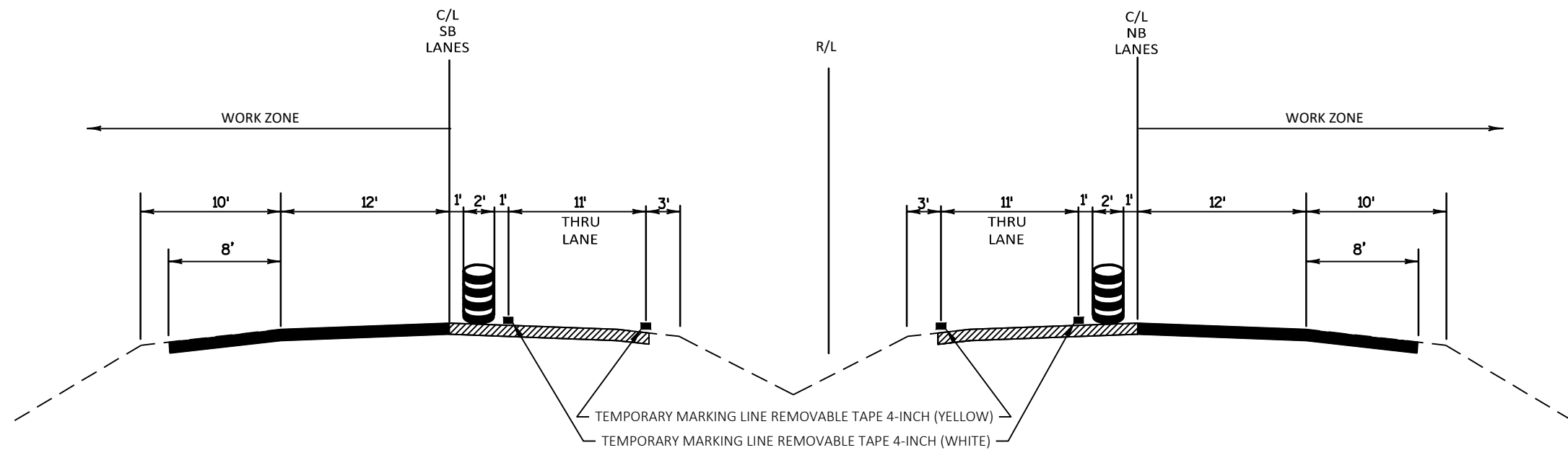
HWY: STH 36

COUNTY: RACINE

TRAFFIC CONTROL - TYPICAL SECTIONS

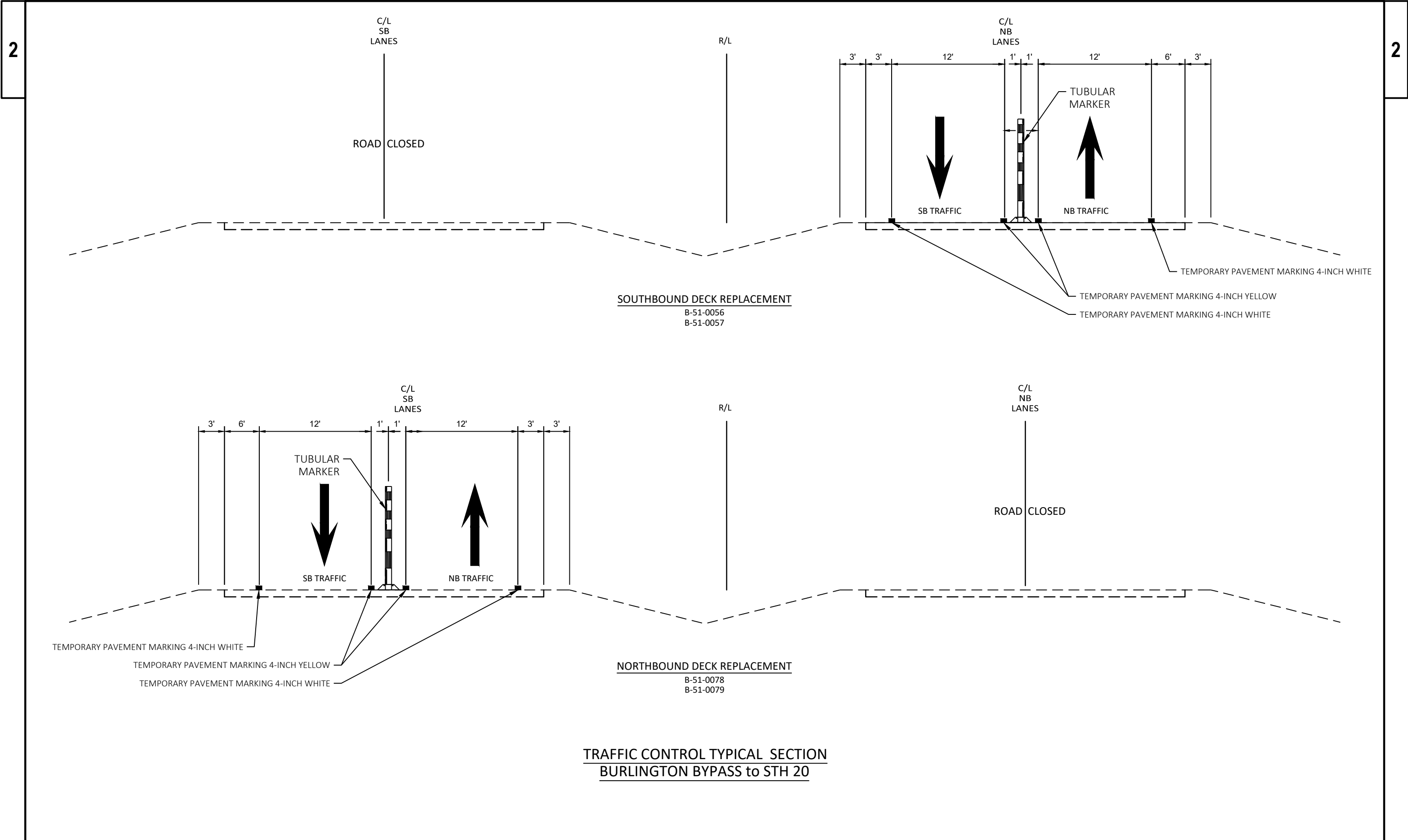
SHEET

PRE_151 E



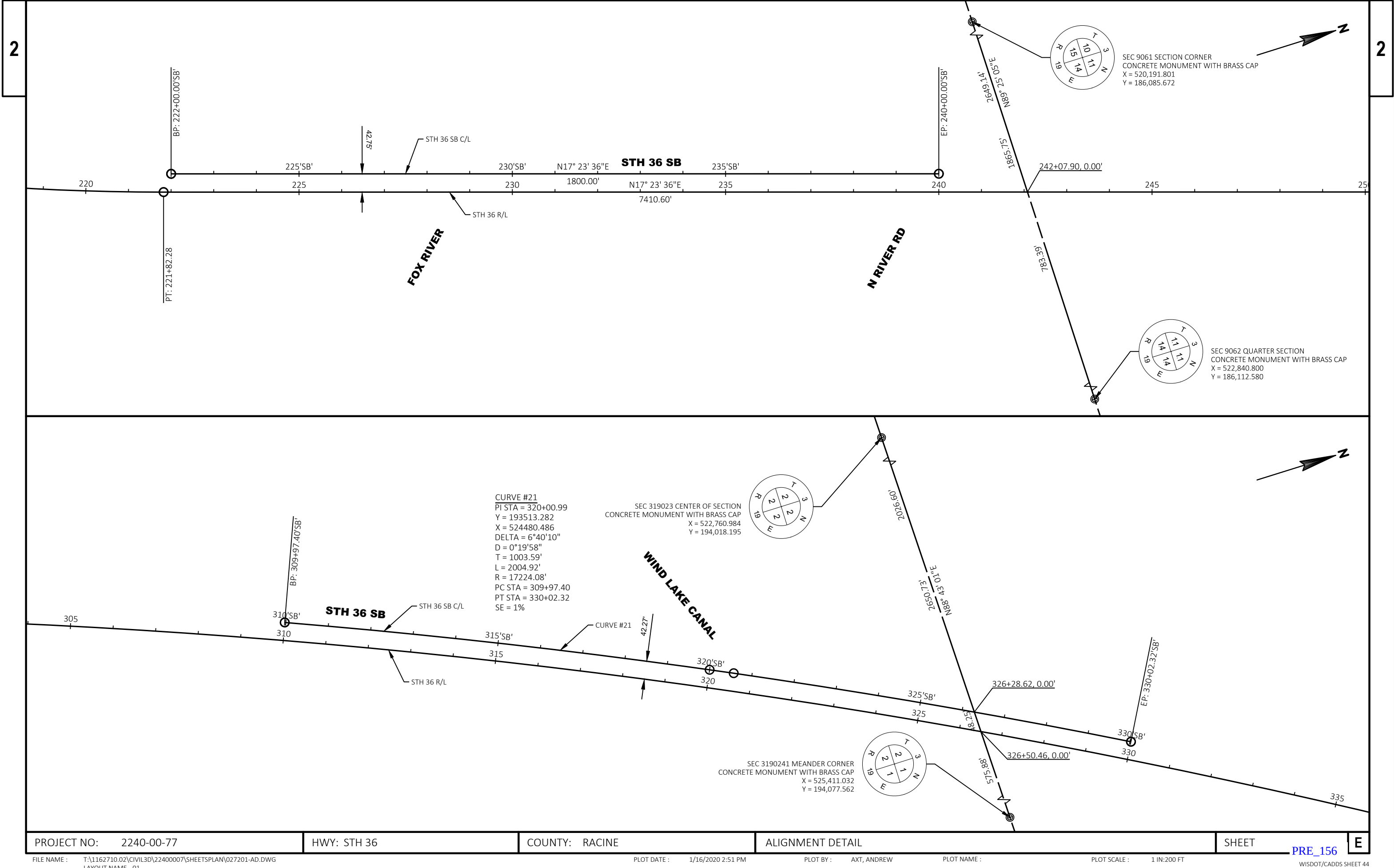
STAGE 3
OUTSIDE LANES AND SHOULDERS CLOSED
MILL AND PAVE OUTSIDE LANES AND SHOULDERS

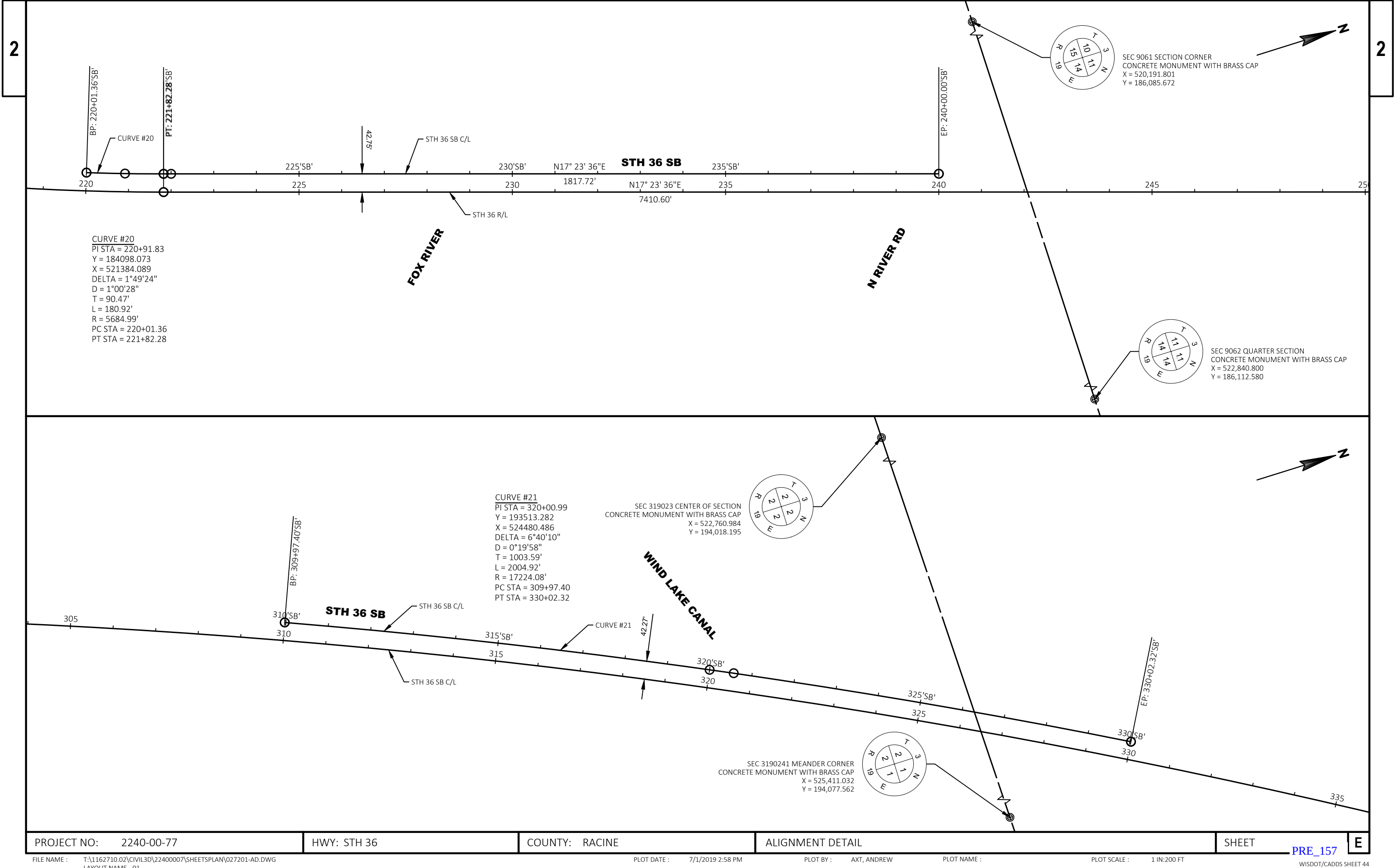
TRAFFIC CONTROL TYPICAL SECTION
STH 20 to CTH Y

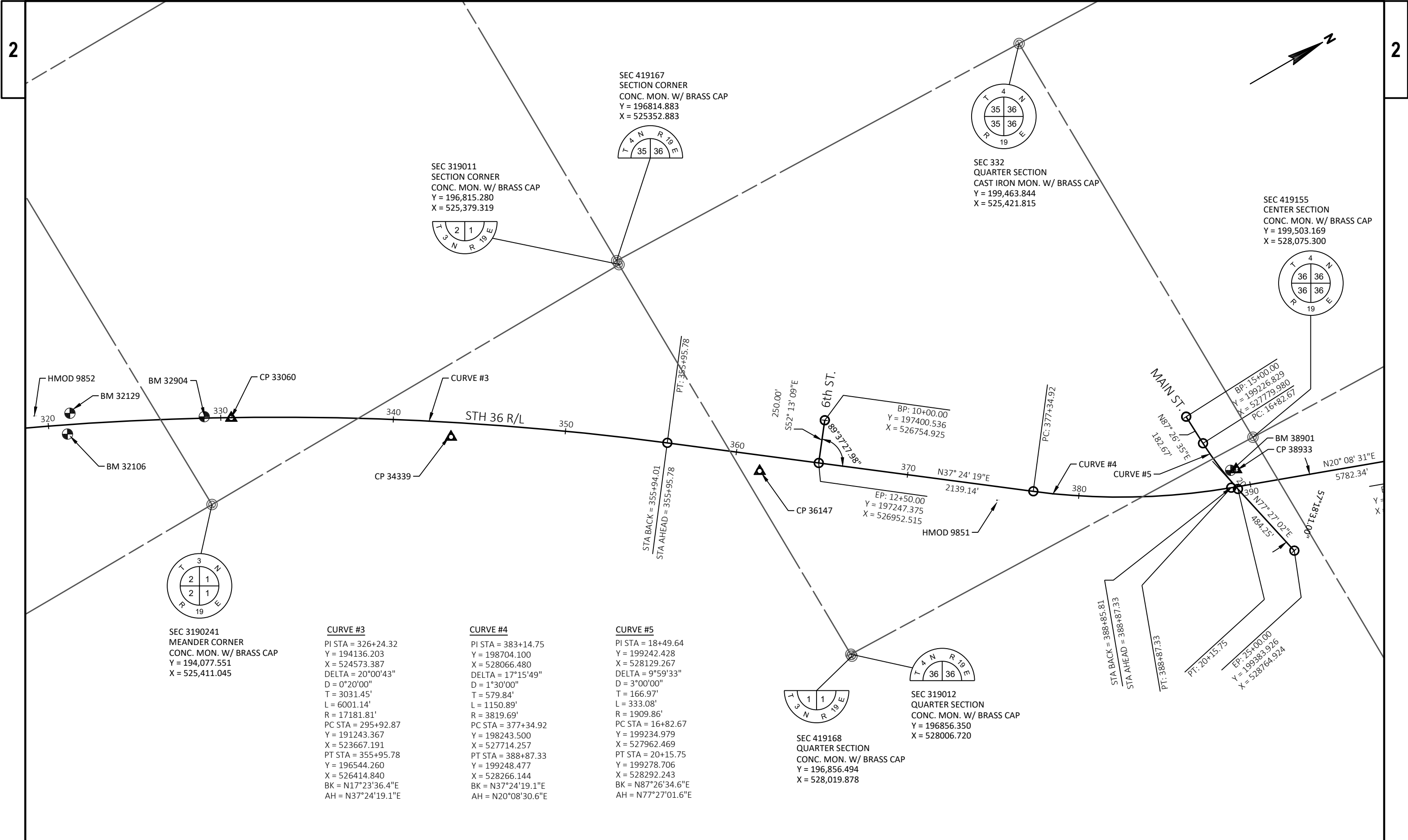


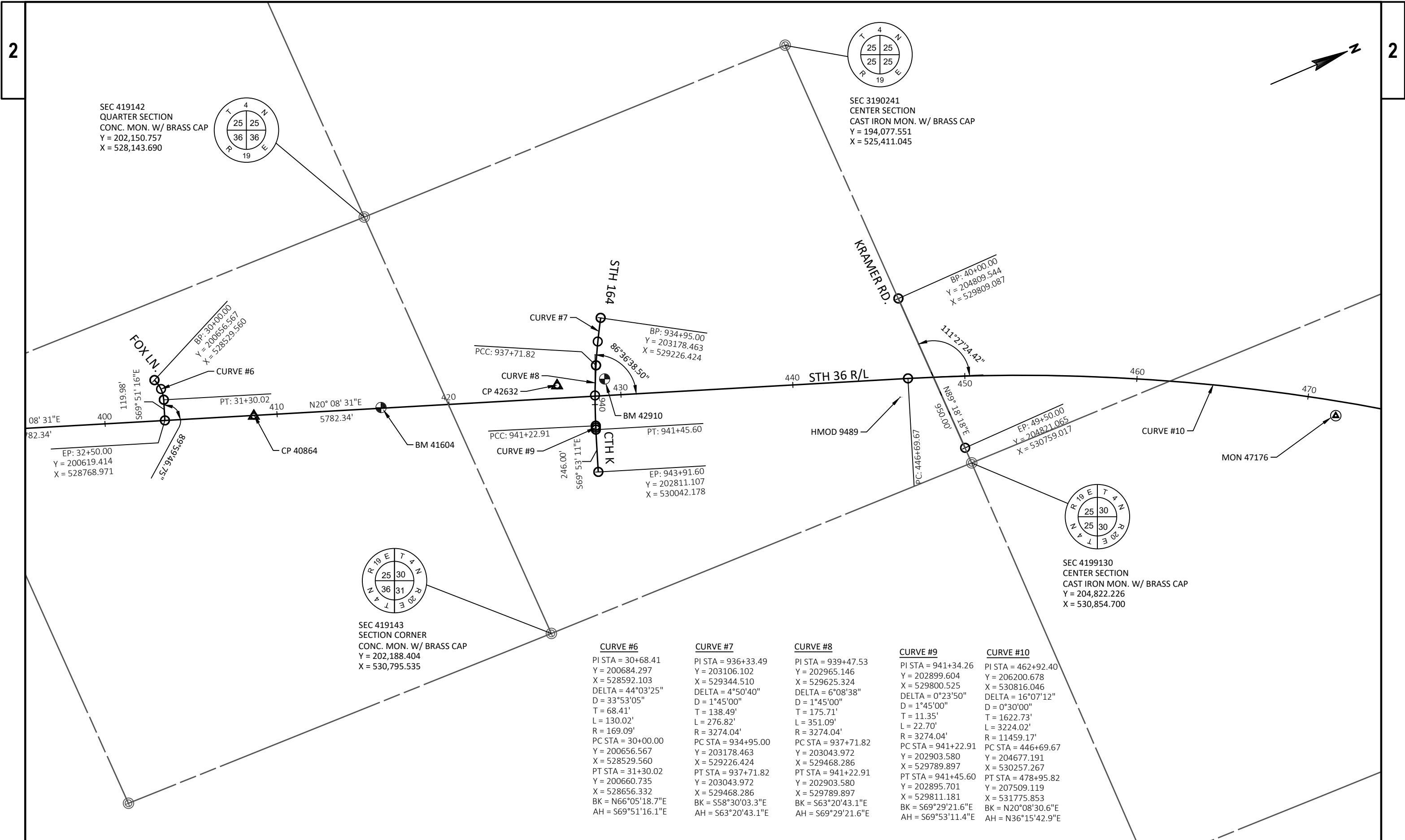
**WORK IN PROGRESS -- TRAFFIC CONTROL PLANS AND DRAFT TMP
WILL BE COMPLETED BEFORE THE MARCH 4TH MEETING.**

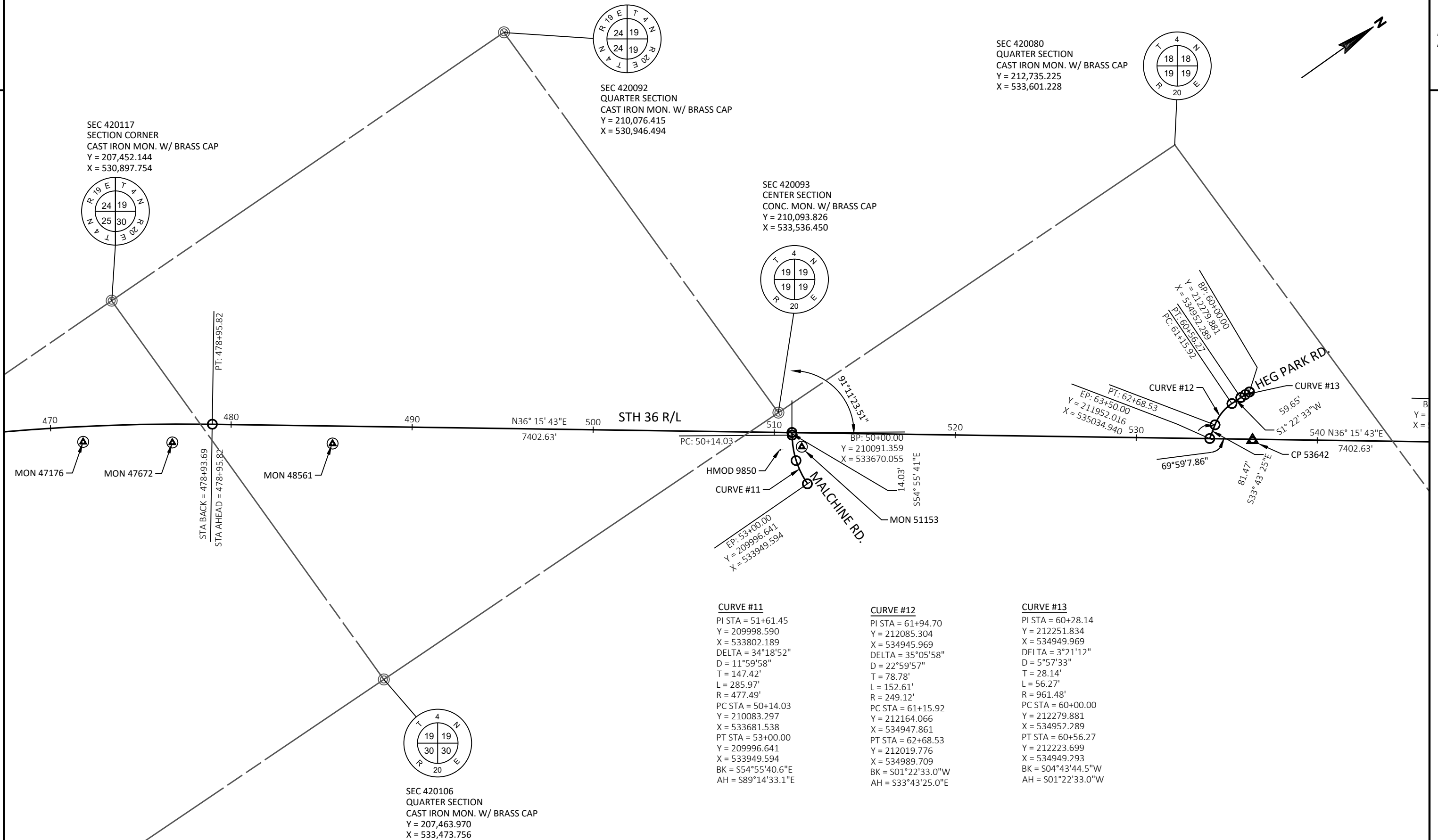
**A LUMP SUM OF \$250,000 HAS BEEN ADDED TO THE ESTIMATE TO
COVER THESE ITEMS. THANK YOU FOR YOUR UNDERSTANDING.**

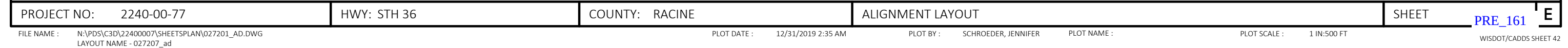


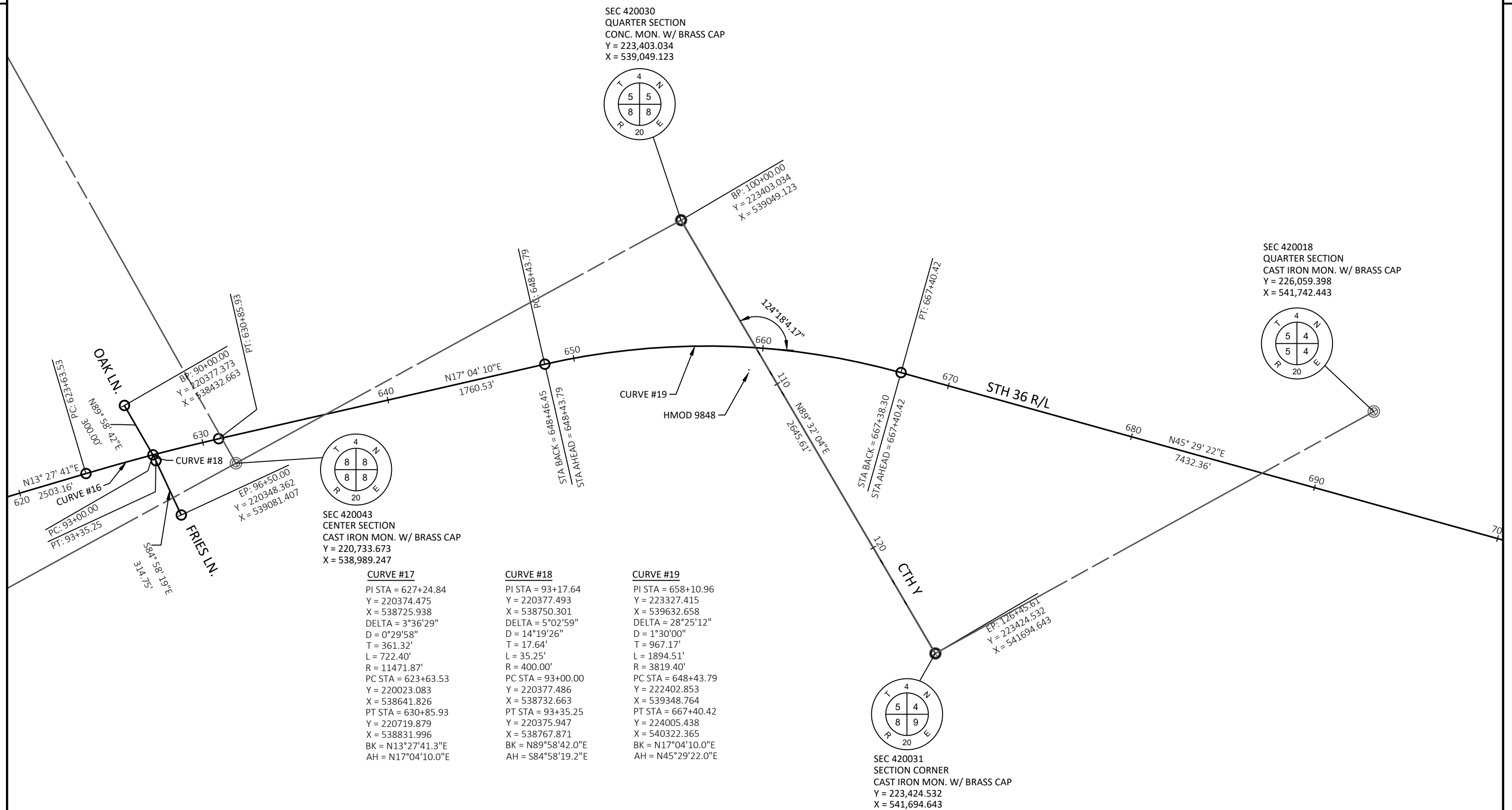


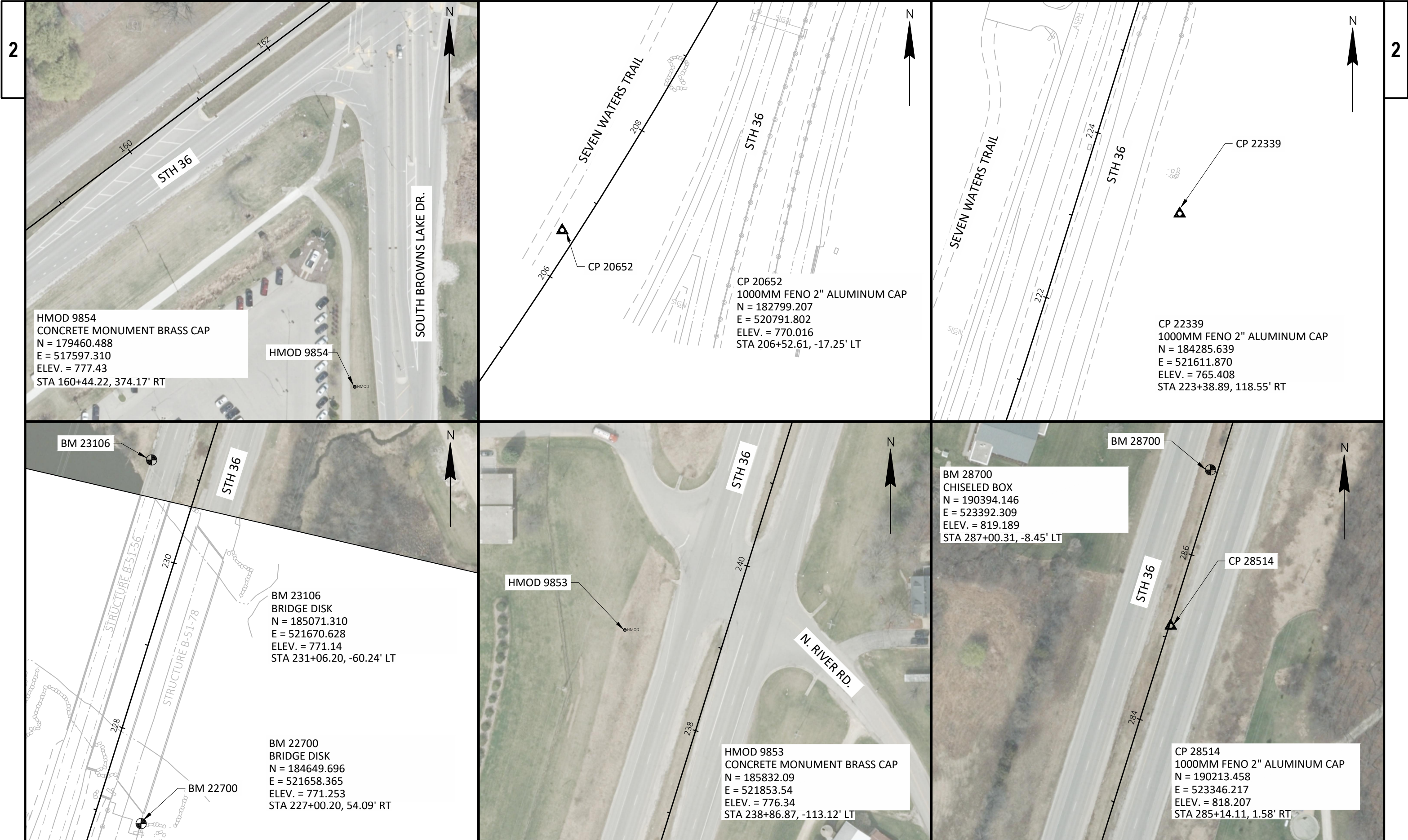


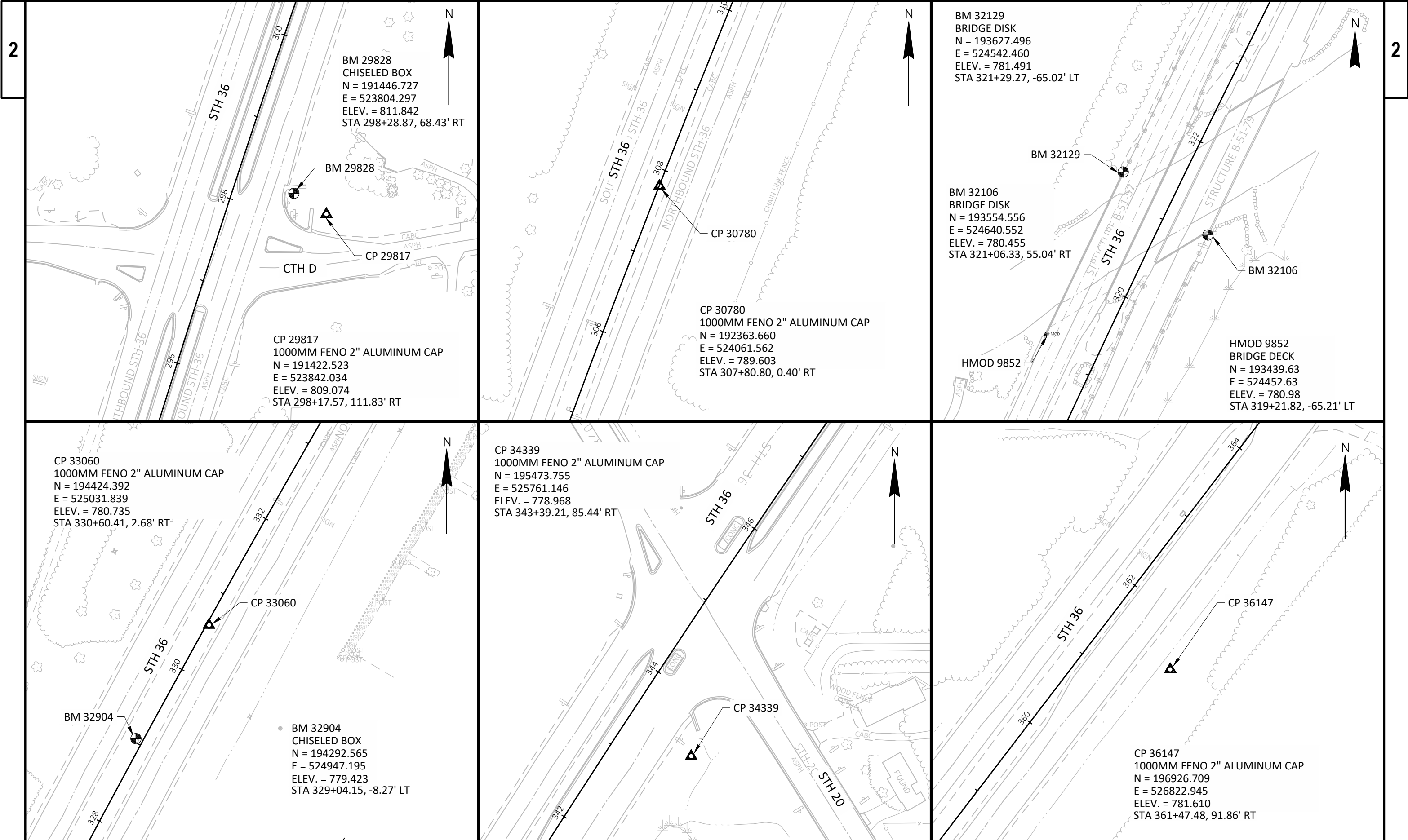


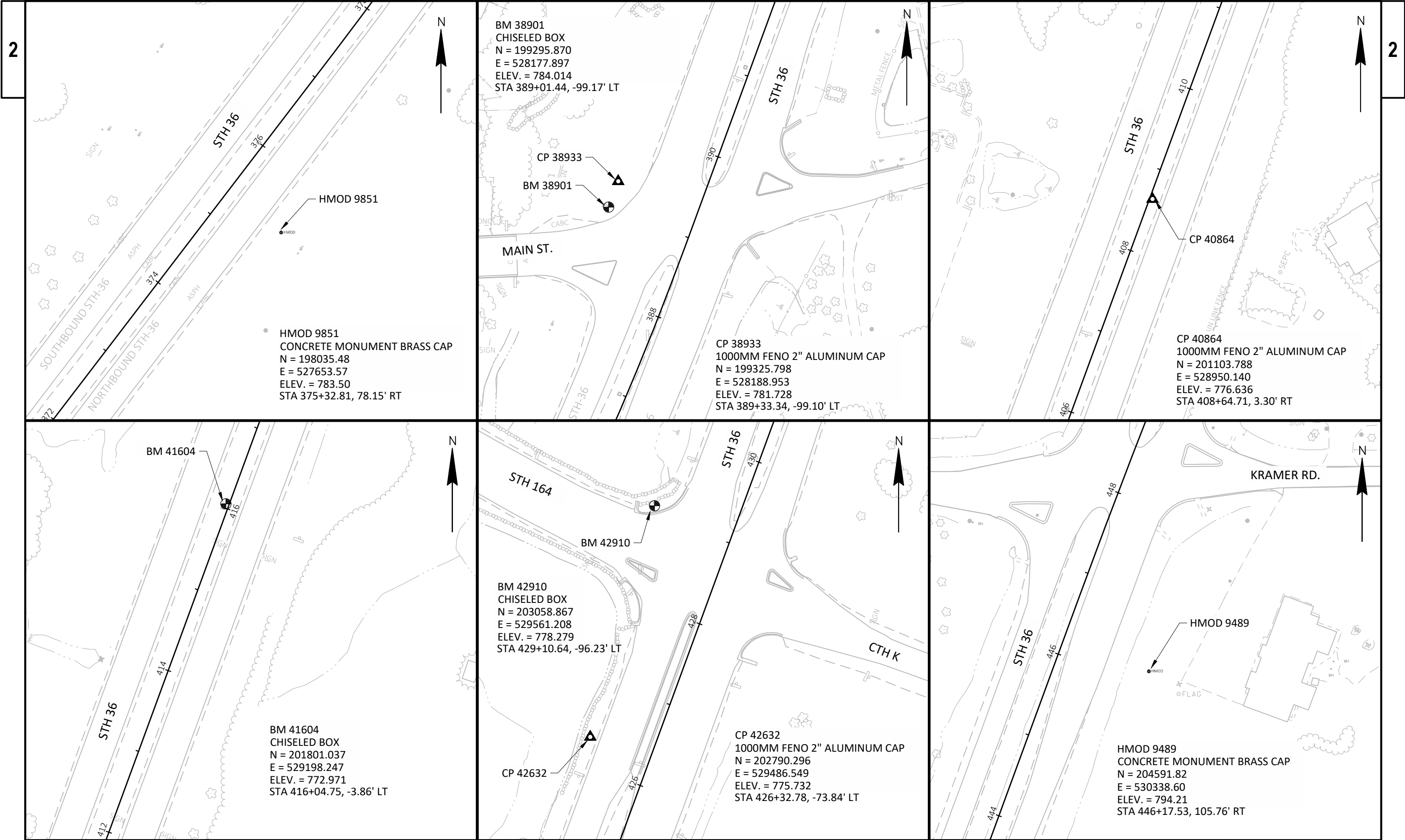


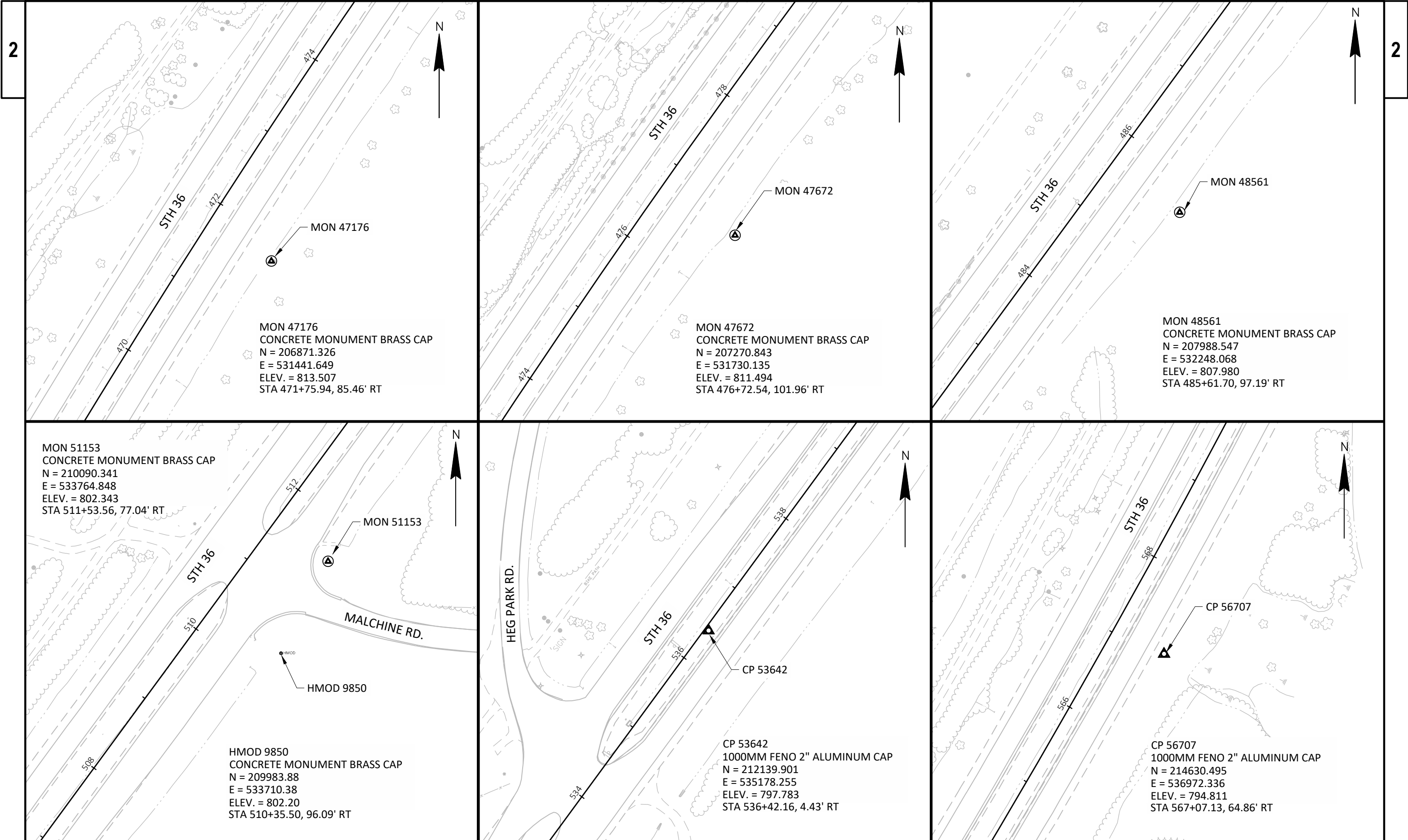


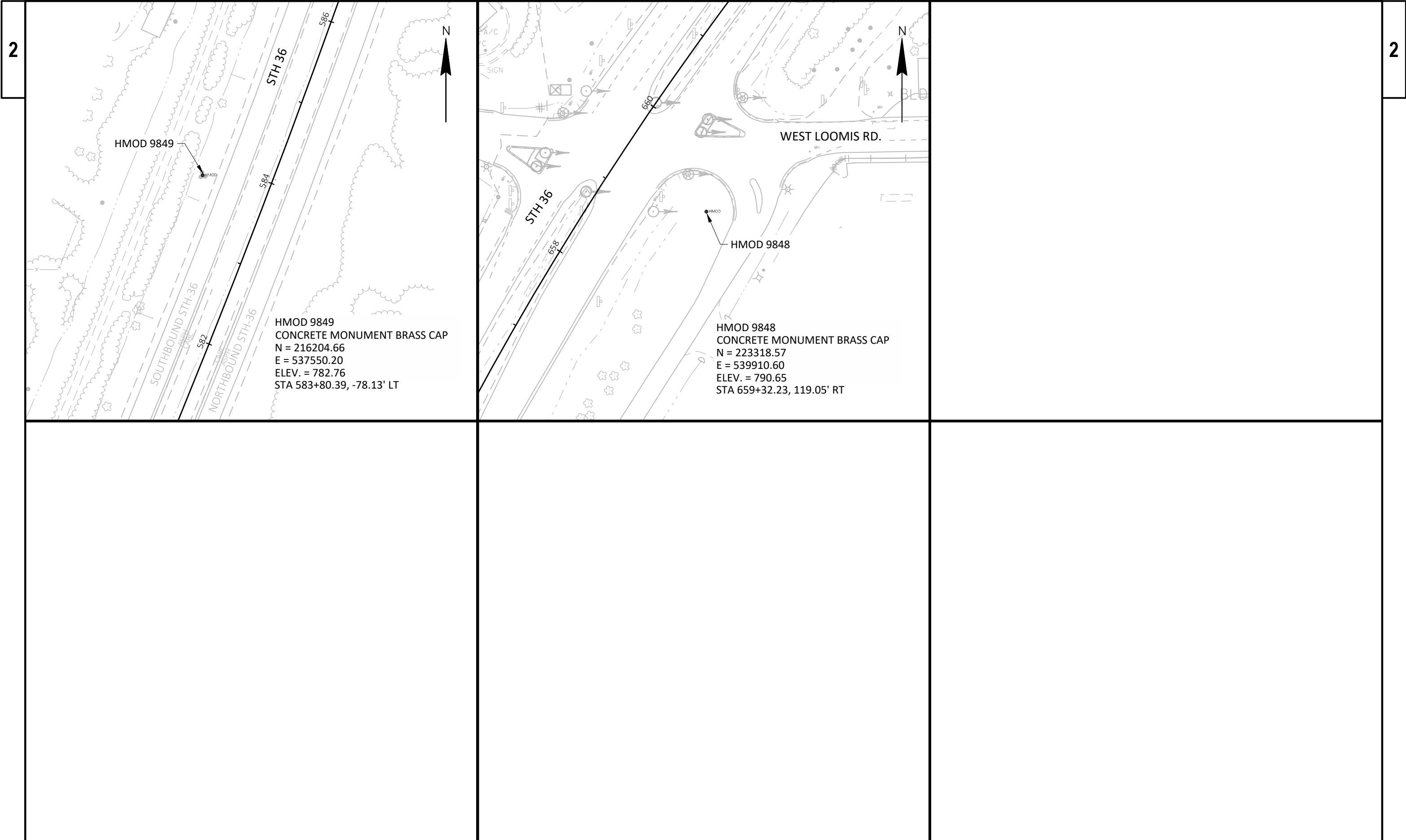












3

CLEARING AND GRUBBING		
LOCATION	201.0105 CLEARING STA	201.0205 GRUBBING STA
STH 36 SOUTHBOUND		
B-51-57 322+75'SB' - 323+75'SB'	1	1
PROJECT TOTAL	1	1

REMOVALS			
LOCATION	204.0115 REMOVING ASPHALTIC SURFACE		204.0165 REMOVING GUARDRAIL
	BUTT JOINTS	MILLING SY	LF
	SY	SY	LF
STH 36 SOUTHBOUND			
B-51-56			
227+45'SB' - 227+56'SB'	47	---	---
231+12'SB' - 231+25'SB'	41	---	---
231+03'SB' - 234+16'SB' RT	---	109	---
231+09'SB' - 232+81'SB' LT	---	---	172
230+85'SB' - 233+19'SB' RT	---	---	234
B-51-57			
319+20'SB' - 319+30'SB'	57	---	---
321+93'SB' - 322+03'SB'	30	---	---
321+74'SB' - 323+80'SB' LT	---	212	---
321+93'SB' - 323+44'SB' RT	---	42	---
321+34'SB' - 323+04'SB' LT	---	---	171
322+00'SB' - 324+36'SB' RT	---	---	236
PROJECT TOTAL	175	363	813

BASE COURSE			
LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	305.0500 SHAPING SHOULDERS
	TON	TON	STA
STH 36 SOUTHBOUND			
B-51-56			
231+12'SB' - 232+50'SB' LT & RT	---	---	4
232+50'SB' - 233+89'SB' RT	20	---	---
233+39'SB' - 234+34'SB' LT	---	45	---
233+50'SB' - 233+88'SB' RT	---	18	---
233+89'SB' - 234+16'SB' RT	---	---	1
232+50'SB' - 234+34'SB' LT	27	---	---
234+34'SB' - 234+56'SB' LT	---	---	1
B-51-57			
321+93'SB' - 323+79'SB' LT	34	---	---
321+93'SB' - 323+13'SB' RT	---	---	2
322+75'SB' - 323+50'SB' LT	---	35	---
323+13'SB' - 325+24'SB' RT	33	---	---
324+44'SB' - 325+24'SB' RT	---	38	---
325+24'SB' - 326+06'SB' RT	---	---	1
PROJECT TOTAL	114	136	9

CONCRETE PAVEMENT APPROACH SLAB	
LOCATION	415.0410 CONCRETE PAVEMENT APPROACH SLAB SY
	SY
STH 36 SOUTHBOUND	
B-51-56	
227+56'SB' - 227+80'SB'	83
230+88'SB' - 231+12'SB'	83
B-51-57	
319+30'SB' - 319+64'SB'	141
321+59'SB' - 321+93'SB'	145
PROJECT TOTAL	452

HMA PAVEMENT				
LOCATION	455.0605 TACK COAT GAL	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	465.0400 ASPHALTIC SHOULDER RUMBLE STRIPS LF
	GAL	TON	TON	LF
STH 36 SOUTHBOUND				
B-51-56				
227+45'SB' - 227+56'SB'	3	---	6	31
231+12'SB' - 231+25'SB'	3	---	5	---
231+03'SB' - 234+16'SB' RT	23	25	19	313
232+19'SB' - 234+34'SB' LT	9	9	7	---
B-51-57				
319+20'SB' - 319+30'SB'	4	---	7	39
321+93'SB' - 322+03'SB'	2	---	4	---
321+74'SB' - 323+80'SB' LT	29	---	40	206
321+93'SB' - 325+24'SB' RT	25	---	35	331
PROJECT TOTAL	98	34	123	920

DRAINAGE			
LOCATION	520.8700 CLEANING CULVERT PIPES EACH	SPV.0060.01 CLEANING STORM SEWER PIPES EACH	611.8115 ADJUSTING INLET COVERS EACH
	EACH	EACH	EACH
STH 36 SOUTHBOUND			
B-51-56			
227+73'SB', 17' LT	---	---	1
230+66'SB' RT	---	1	---
B-51-57			
320+04'SB' RT	1	---	---
322+25'SB' RT	---	1	---
PROJECT TOTAL	1	2	1

3

ALL ITEMS CATEGORY 0010 UNLESS NOTED

EARTHWORK SUMMARY			A	B	C	D	E	F	G
DIVISION	FROM / TO STATION	LOCATION	(1) 205.0100 EXCAVATION COMMON CY	SALVAGED / UNUSABLE PAVEMENT MATERIAL CY	(2) AVAILABLE MATERIAL CY	UNEXPANDED FILL CY	(3) EXPANDED FILL FACTOR 1.10 CY	(4) MASS ORDINATE +/- CY	208.0100 BORROW CY
Division 1 - STH 36 Southbound									
	233+39'SB' - 234+34'SB'	B-51-56	36	32	4	36	40	-36	36
	322+75'SB' - 323+50'SB'	B-51-57	12	12	0	18	20	-20	20
	324+69'SB' - 325+24'SB'	B-51-57	14	14	0	1	1	-1	1
Division 1 - STH 36 Southbound - Total			62	58	4	55	61	-57	57
PROJECT TOTAL			62						57

Notes:

(1) Salvaged/Unusable Pavement Material (B) is included in Excavation Common (A). This assumes the existing pavement is salvaged or wasted by the contractor.

(2) Available Material (C) = Excavation Common (A) - Salvaged/Unusable Pavement Material (B).

(3) Expanded Fill (E) = Unexpanded Fill (D) x Fill Factor (1.10)

(4) The Mass Ordinate (I) + or - Qty calculated for the roadway segment as Available Material (C) minus Expanded Fill (E). Positive value indicates an excess of material within the roadway segment. Negative value indicates a shortage of material within the roadway segment.

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

CRASH CUSHIONS TEMPORARY		
	614.0905	CRASH CUSHIONS TEMPORARY EACH
LOCATION		
STH 36 SOUTHBOUND		
B-51-56		
BRIDGE PARAPET - NW CORNER	1	
BRIDGE PARAPET - NE CORNER	1	
B-51-57		
BRIDGE PARAPET - NW CORNER	1	
BRIDGE PARAPET - NE CORNER	1	
PROJECT TOTAL	4	

RESTORATION					
	625.0500 SALVAGED TOPSOIL	627.0200 MULCHING	629.0210 FERTILIZER TYPE B	630.0130 SEEDING MIXTURE NO. 30 LB	630.0500 SEED WATER MGAL
LOCATION	SY	SY	CWT		
STH 36 SOUTHBOUND					
B-51-56					
230+86'SB' - 233+88'SB' RT	99	---	0.1	2	3
231+10'SB' - 234+56'SB' LT	375	227	0.3	7	9
B-51-57					
321+34'SB' - 323+80'SB' LT	225	33	0.2	4	5
322+02'SB' - 326+06'SB' RT	200	---	0.2	4	5
UNDISTRIBUTED	45	15	0.1	1	2
PROJECT TOTAL	944	275	0.9	18	24

<u>CONSTRUCTION STAKING</u>			
	650.4500	650.5000	650.9920
	SUBGRADE	BASE	SLOPE
LOCATION	LF	LF	STAKES
	LF		LF
STH 36 SOUTHBOUND			
<u>B-51-56</u>			
233+39'SB' - 234+35'SB' LT	96	96	96
233+50'SB' - 233+88'SB' RT	38	38	38
<u>B-51-57</u>			
322+75'SB' - 323+50'SB' LT	75	75	75
324+44'SB' - 325+24'SB' RT	80	80	80
PROJECT TOTAL	289	289	289

3

BEAMGUARD			
	614.2300	614.2500	614.2610
		MGS	
	GUARDRAIL 3	THRIE BEAM TRANSITION	GUARDRAIL TERMINAL EAT
LOCATION	LF	LF	EACH
STH 36 SOUTHBOUND			
B-51-56			
230+86'SB' - 231+26'SB' RT	---	40	---
231+26'SB' - 233+13'SB' RT	188	---	1
231+10'SB' - 231+50'SB' LT	---	40	---
231+50'SB' - 233+37'SB' LT	187	---	1
B-51-57			
321+34'SB' - 321+74'SB' LT	---	40	---
321+74'SB' - 322+61'SB' LT	88	---	1
322+02'SB' - 322+41'SB' RT	---	40	---
322+41'SB' - 324+16'SB' RT	175	---	1
PROJECT TOTAL	638	160	4

EROSION CONTROL							
	606.0300	628.2008	628.7005	628.7010	628.7015	628.7555	645.0120
	RIPRAP HEAVY	EROSION MAT CLASS I TYPE B	INLET PROTECTION			CULVERT PIPE CHECKS	GEOTEXTILE TYPE HR
			TYPE A	TYPE B	TYPE C		
LOCATION		CY	SY	EACH	EACH	EACH	SY
STH 36 SOUTHBOUND							
B-51-56							
SOUTH ABUTMENT	112	---	---	---	---	---	200
227+73'SB' LT	---	---	---	---	1	---	---
BRIDGE DECK	---	---	---	10	---	---	---
NORTH ABUTMENT							
231+10'SB' - 234+56'SB' LT	70	---	---	---	---	---	134
231+10'SB' - 234+56'SB' LT	---	149	---	---	---	---	---
231+99'SB' RT	---	---	1	---	---	---	---
B-51-57							
319+08'SB' RT	---	---	---	---	---	3	---
BRIDGE DECK	---	---	---	4	---	---	---
321+34'SB' - 323+80'SB' LT	---	190	---	---	---	---	---
323+38'SB' RT	---	---	1	---	---	---	---
UNDISTRIBUTED	10	20	1	1	1	1	17
PROJECT TOTAL	192	359	3	15	2	4	351
*TO BE USED TO FILL IN GAPS IN EXISTING RIPRAP AS DIRECTED BY THE ENGINEER, OR AS THE PLANS SHOW. ADDITIONAL QUANTITIES SHOWN ELSEWHERE. SEE STRUCTURE PLANS.							

SAWING	
	690.0150
	ASPHALT
LOCATION	
STH 36 SOUTHBOUND	
B-51-56	
227+45'SB'	35
231+25'SB'	29
231+25'SB' - 234+16'SB' RT	291
232+19'SB' - 234+34'SB' LT	217
B-51-57	
319+20'SB'	37
322+03'SB'	27
322+03'SB' - 323+80'SB' LT	177
322+03'SB' - 325+24'SB' RT	321
PROJECT TOTAL	1,134

3

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- (1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100
- (2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
- (3) EBS EXCAVATION TO BE BACKFILLED WITH BREAKER RUN.
- (4) SALVAGED/UNUSABLE PAVEMENT MATERIAL
- (5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL
- (13) EXPANDED FILL FACTOR = 1.20 EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK) * FILL FACTOR
- (14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.
- (15) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.
- (16) USE 149 CY OF WASTE FROM WITHIN THE DIVISION AT CTH Y BIKE PATH
- (17) USE 7 CY OF WASTE FROM WITHIN THE DIVISION AT B-51-56

PROJECT NO: 2240-00-77	HWY: STH 36	COUNTY: RACINE	MISCELLANEOUS QUANTITIES	SHEET:	E
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3

CLEARING & GRUBBING				
	201.0120	201.0220	201.0105	201.0205
	CLEARING	GRUBBING	CLEARING	GRUBBING
LOCATION	ID	ID	STA	STA
B-51-56 & B-51-57	--	--	1	1
STA469+64 LT	6	6	--	--
STA470+67 LT	6	6	--	--
STA486+13 LT	12	12	--	--
STA488+01 LT	12	12	--	--
STA490+31 LT	12	12	--	--
STA492+09 LT	12	12	--	--
STA492+17 LT	12	12	--	--
STA566+94 LT	12	12	--	--
STA567+16 LT	12	12	--	--
STA567+35 LT	12	12	--	--
STA577+88 LT	12	12	--	--
STA578+08 LT	12	12	--	--
STA580+59 LT	6	6	--	--
STA580+88 LT	6	6	--	--
TOTAL	144	144	1	1

AGGREGATE

	305.0110	305.0120	305.0500	311.0110	624.0100
	DENSE	DENSE	SHAPING	BREAKER	
	3/4-INCH	1 1/4-INCH	SHOULDERS	RUN	WATER
LOCATION	TON	TON	STA	TON	MGAL
STH 36 NORTH CROSS-OVER	346	2,483	--	2,453	43
STH 36 SOUTH CROSS-OVER	288	2,334	--	2,203	40
STAGE 2					
B-51-56 & B-51-57	114	136	9	--	4
NB INSIDE SHOULDERS - RESURFACING LIMITS	711	--	312	--	11
SB INSIDE SHOULDERS - RESURFACING LIMITS	--	--	312	--	0
MAIN STREET INTERSECTION	46	2,796	--	3,112	43
STH 164 INTERSECTION	51	1,435	--	1,482	23
WATER PLANT INTERSECTION	79	723	--	643	13
STAGE 3					0
NB OUTSIDE SHOULDERS - RESURFACING LIMITS	519	--	312	--	8
SB OUTSIDE SHOULDERS - RESURFACING LIMITS	--	--	312	--	0
MAIN STREET INTERSECTION	--	365	--	--	6
PERMANENT DITCH CHECK	--	--	--	70	0
STH 164 INTERSECTION	14	99	--	58	2
CTH Y BIKE PATH	32	142	--	--	3
DUST CONTROL	--	--	--	--	30
TOTAL	2,200	10,514	1,257	10,022	226

3

SAWING

	690.0150	690.0250
	SAWING	SAWING
	ASPHALT	CONCRETE
LOCATION	LF	LF
STAGE 2		
B-51-56 & B-51-57	1,134	--
MAIN STREET INTERSECTION	2,013	--
STH 164 INTERSECTION	950	--
WATER TREATMENT PLANT DWY	617	--
PROJECT END	35	--
STAGE 3		
PROJECT BEGIN	70	--
6TH ST	136	--
MAIN STREET INTERSECTION	605	26
FOX LN	53	--
STH 164	76	--
CTH K	136	--
KRAMER	173	--
BEAM GUARD	772	--
MALCHINE	33	--
HEG PARK	127	--
HILLCREST	38	--
CHURCH DWY	78	--
WIND LAKE RD	62	--
OAK LN / FRIES LN	145	--
CTH Y	2,410	36
TOTAL	9,663	62

BASE PATCHING

		390.0201	390.0300
		BASE	BASE
		PATCHING	PATCHING
		ASPHALTIC	CONCRETE
		(NB LANES)	(SB LANES)
STA	LOCATION	TON	SY
STAGE 2 INSIDE LANES UNDISTRIBUTED			
351+75 - 390+00	PROJECT BEGIN - MAIN ST	70	125
390+00 - 440+00	MAIN ST - STH 164	364	650
440+00 - 663+50	STH 164 - PROJECT END	407	727
STAGE 2 SIGNAL LOOPS			
	MAIN ST SIGNAL LOOPS	24	32
	STH 164 SIGNAL LOOPS	19	30
427+50	SB LEFT TURN LANE	28	--
STAGE 3 OUTSIDE LANES UNDISTRIBUTED			
351+75 - 390+00	PROJECT BEGIN - MAIN ST	70	125
390+00 - 440+00	MAIN ST - STH 164	364	650
440+00 - 663+50	STH 164 - PROJECT END	407	727
STAGE 3 SIGNAL LOOPS			
	MAIN ST SIGNAL LOOPS	166	46
	STH 164 SIGNAL LOOPS	43	30
	CTH K SIGNAL LOOPS	62	--
TOTAL		2,024	3,142

NOTE: UNLESS OTHERWISE NOTED, ALL ITEMS ARE CATEGORY 0010

ASPHALT ITEMS																
				204.0110	204.0115	204.0115	204.0125	455.0605	460.6223	460.6224	465.0105	465.0110	465.0125	465.0305	465.0315	465.0400
				REMOVING	REMOVING	REMOVING			HMA	HMA	ASPHALTIC	AHPHALTIC	ASPHALTIC	ASPHALTIC		ASPHALTIC
				ASPHALTIC	ASPHALTIC	ASPHALTIC			PAVEMENT	PAVEMENT	SURFACE	SURFACE	SURFACE	SURFACE	ASPHALTIC	SHOULDER
				SUFACE	SUFACE BUTT JOINTS	SURFACE MILLING	TACK COAT	3 MT 58-28 S	4 MT 58-28 S			PATCHING	TEMPORARY	SAFETY ISLAND	FLUMES	RUMBLE STRIPS
LOCATION	STATION	TO	STATION	SY	SY	SY	TON	GAL	TON	TON	TON	TON	TON	TON	SY	LF
SOUTH CROSSOVER	21650		225+00	--	--	--	--	225	--	--	--	--	1,001	--	--	--
NORTH CROSSOVER	32790		338+00	--	--	--	--	241	--	--	--	--	1,068	--	--	--
STAGE 1																
PROJECT BEGIN	226+70	351+75	NB	--	--	--	246	146	--	260	--	--	--	--	--	--
			SB	--	--	--	26	16	--	27	--	--	--	--	--	--
STH 20	351+75	428+50	NB	--	--	--	174	103	--	--	--	--	183	--	--	--
			SB	--	--	--	156	93	--	--	--	--	164	--	--	--
STH 164	428+50	603+50	NB	--	--	--	385	226	--	--	--	--	401	--	--	--
			SB	--	--	--	415	247	--	--	--	--	438	--	--	--
WIND LAKE RD	603+50	663+50	NB	--	--	--	139	83	--	--	--	--	146	--	--	--
			SB	--	--	--	134	80	--	--	--	--	141	--	--	--
END PROJECT	663+50	676+00	NB	--	--	--	33	20	--	35	--	--	--	--	--	--
			SB	--	--	--	33	20	--	35	--	--	--	--	--	--
STAGE 2																
B-51-56 & B-51-57				--	175	363	--	98	34	123	--	--	--	--	--	920
PROJECT BEGIN	226+70	351+75	NB	--	--	--	24	43	--	77	--	24	--	--	--	--
			SB	--	--	--	230	136	--	242	--	24	--	--	--	--
RESURFACING BEGIN	351+75	395+15	NB	--	--	--	1,259	1,352	1,515	974	--	9	--	--	--	--
			SB	--	--	--	878	720	425	1,070	--	9	--	--	--	--
MAIN ST	395+15	434+90	NB	--	--	--	1,307	1,194	1,079	841	--	8	--	--	--	--
			SB	--	--	--	826	700	448	1,024	--	8	--	--	15	--
STH 164	434+90	537+60	NB	--	--	--	3,011	2,766	2,550	2,052	--	20	--	--	--	--
			SB	--	--	--	2,185	1,380	--	2,337	--	20	--	--	--	--
HEG PARK RD	537+60	595+85	NB	--	--	--	1,730	1,580	1,456	1,171	--	12	--	--	--	--
			SB	--	--	--	1,277	976	232	1,438	--	12	--	--	--	--
WATER PLANT DWY	595+85	663+50	NB	--	--	--	1,939	1,748	1,690	1,317	--	13	--	--	--	--
			SB	--	--	--	1,395	859	--	1,474	--	13	--	--	--	--
RESURFACING END	663+50	676+00	NB	--	--	--	50	--	--	--	--	3	--	--	--	--
			SB	--	--	--	50	30	--	52	--	3	--	--	--	--
STAGE 3																
PROJECT BEGIN	226+70	351+75	NB	--	--	--	--	--	--	--	--	24	--	--	--	9,960
			SB	--	--	--	--	--	--	--	--	24	--	--	--	9,410
RESURFACING BEGIN	351+75	395+15	NB	--	--	--	1,374	1,414	1,289	1,125	--	9	--	--	--	6,500
			SB	--	--	--	1,300	839	308	1,373	--	9	--	--	--	6,035
MAIN ST	395+15	434+90	NB	52	--	--	1,370	1,364	1,183	1,151	--	8	--	10	10	5,412
			SB	70	--	--	1,098	643	--	1,124	--	8	--	13	10	5,827
STH 164	434+90	537+60	NB	23	175	--	3,090	3,356	3,060	2,612	--	20	--	5	--	18,790
			SB	21	--	--	2,732	1,629	--	2,882	--	20	--	4	--	17,845
HEG PARK RD	537+60	595+85	NB	--	--	--	1,898	1,945	1,750	1,517	--	12	--	--	--	8,435
			SB	--	--	--	1,528	907	--	1,612	--	12	--	--	--	10,380
WATER PLANT DWY	595+85	663+50	NB	--	--	--	2,453	2,391	2,145	1,923	--	13	--	--	--	10,690
			SB	--	--	--	1,828	1,188	5	2,111	--	13	--	--	--	9,945
RESURFACING END	663+50	676+00	NB	--	--	--	--	--	--	--	--	3	--	--	--	2,500
			SB	--	--	--	--	--	--	--	--	3	--	--	--	2,500
CTH Y				--	--	--	--	--	--	--	37	--	--	--	--	--
TOTAL				166	350	363	36,573	30,758	19,169	31,979	37	348	3,542	32	35	125,149
													NOTE: UNLESS OTHERWISE NOTED, ALL ITEMS ARE CATEGORY 0010			
PROJECT NO: 2240-00-77			HWY: STH 36			COUNTY: RACINE			MISCELLANEOUS QUANTITIES					SHEET:		E

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CONCRETE ITEMS											
	204.0150	204.0155	415.041	416.0610	601.0407	601.0411	601.0557	601.0600	602.0410	602.0505	620.0300
			CONCRETE				CONCRETE			CURB RAMP	CONCRETE
	REMOVING	REMOVING	PAVEMENT		CONCRETE	CONCRETE	CURB & GUTTER	CONCRETE	CONCRETE	DETECTABLE	MEDIAN
	CURB & GUTTER	CONCRETE	APPROACH	DRILLED	CURB & GUTTER	CURB & GUTTER	6-INCH SLOPED	CURB	SIDEWALK	WARNING	SLOPED NOSE
LOCATION	LF	SY	SLAB	TIE BARS	18-INCH TYPE D	30-INCH TYPE D	36-INCH TYPED	PEDESTRIAN	5-INCH	FIELD YELLOW	TYPE 1
			SY	EACH	LF	LF	LF	LF	SF	SF	SF
STAGE 2											
B-51-56 & B-51-57	--	--	452	--	--	--	--	--	--	--	--
MAIN ST	--	--	--	--	--	--	2,512	46	357	120	185
STH 164	--	--	--	--	--	--	--	--	--	--	--
CTH Y	--	--	--	--	--	--	--	--	--	--	--
STAGE 3											
MAIN ST	140	6	--	28	28	100	370	180	3,685	300	--
STH 164	--	--	--	--	--	--	1,073	--	--	--	90
CTH Y	113	28	--	24	--	--	113	--	835	309	--
TOTAL	253	34	452	52	28	100	4,068	226	4,877	729	275

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PIPE UNDERDRAIN							
	204.9090.S	310.0110	612.0106	612.0206	612.0700	645.0111	SPV.0060.02
		BASE		PIPE		GEOTEXTILE	ADJUSTING
	REMOVING	AGGREGATE	PIPE	UNDERDRAIN	DRAIN TILE	TYPE DF	PIPE
	PIPE	OPEN-	UNDERDRAI	UNPERFORATED	EXPLORATION	SCHEDULE	UNDERDRAIN
	UNDERDRAIN	GRADED	N 6-INCH	6-INCH		A	AEW
LOCATION	LF	TON	LF	LF	LF	SY	EACH
SOUTH CROSSOVER					--		
NORTH CROSSOVER					--		
MAIN STREET INTERSECTION	1,150	61	755	235	--	506	--
STH 164 INTERSECTION	890	32	400	--	--	268	--
WATER PLANT INTERSECTION	--	29	360	125	--	241	--
STH 36 NB DITCH REGRADING	100	--	--	--	--	--	10
UNDISTRIBUTED	--	--	--	--	500	--	--
TOTAL	2,140	122	1,515	360	500	1,015	10

REMOVING STORM SEWER			
	204.0220	204.0245	204.9060.S
	REMOVING	REMOVING	REMOVING
	INLETS	STORM SEWER	INLET
	EACH	24-INCH	COVER
LOCATION		LF	EACH
STA 387+00	1	18	--
STA 391+08	1	14	--
STA 433+00	--	--	1
TOTAL	2	32	1

CONCRETE COLLARS FOR PIPE			
STRUCTURE			520.8000
NUMBER	STATION	OFFSET	EACH
101	387+00	8.5 RT	1
201	391+08	17 LT	1
--	391+08	5 LT	1
TOTAL			3

NOTE: UNLESS OTHERWISE NOTED, ALL ITEMS ARE CATEGORY 0010

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		520.8700 CLEANING CULVERT PIPIES EACH	SPV.0090.01 DITCHING AND SHAPING LF
LOCATION			
B-51-56 & B-51-57		1	--
351+00	RT	1	200
354+00	LT & RT	2	400
358+00	RT	1	200
363+00	RT	1	100
364+00	RT	1	70
364+00	LT	2	100
365+00	RT , DWY	1	100
367+00	RT	1	200
370+00	RT	1	200
376+00	L	1	200
383+00	RT	1	50
391+00	RT	2	170
391+00	LT	1	200
414+00	LT & RT	2	350
416+00	RT	1	200
420+00	RT	1	200
428+00	RT	1	150
429+00	RT	1	200
433+00	RT	1	200
438+00	RT	1	250
449+00	RT	1	200
453+00	RT	1	200
455+00	LT	1	200
466+40	LT & RT	2	400
472+00	RT	1	200
476+00	RT	1	200
479+80	LT	1	200
485+00	RT	1	250
493+00	LT & RT	2	350

							521.3112	521.3124	SPV.XXXX	SPV.XXXX	
										TEMPORARY	
								CULVERT PIPE		CULVERT PIPE	
								CORRUGATED		TEMPORARY	
								STEEL		SSPRC CLASS IV	
INLET			DISCHARGE				REFERENCE	12-INCH	24-INCH	18-INCH	10-INCH
STATION	OFFSET	ELEV	STATION	OFFSET	ELEV	SLOPE	ALIGNMENT	LF	LF	LF	LF
218+32.34	4.71	769.03	223+82.26	-4.53	763.75	0.96%	Ali-STH 36 2240-00-07	--	--	550	--
336+00.00	-6.61	781.34	337+19.97	-5.00	781.04	0.25%	Ali-STH 36 2240-00-07	--	--	--	121
402+.09.77	75.24	775.34	402+41.80	75.32	775.18	0.50%	Ali-STH 36 2240-00-07	33	--	--	--
106+93.17	-31.23	790.93	107+00.60	-40.65	791.53	5.00%	Ali-CTH Y 2240-00-07	--	12	--	--
109+13.14	-48.52	788.10	109+18.66	-56.86	788.25	-1.46%	Ali-CTH Y 2240-00-07	--	10	--	--
106+20.68	60.63	789.50	106+05.81	79.46	789.38	0.50%	Ali-CTH Y 2240-00-07	--	24	--	--
TOTAL								33	46	550	121

LOCATION	EACH	LF	
494+00	LT, PATH	2	100
502+00	RT	1	200
510+00	LT	2	150
510+00	RT	1	100
521+00	RT	1	200
522+65	LT	1	200
530+00	RT	1	200
534+50	RT	2	200
542+00	RT	1	200
549+00	RT	1	200
560+00	RT	3	200
568+00	RT	1	300
585+00	LT	1	200
594+00	RT	1	200
597+00	LT	1	200
602+25	LT	1	50
605+00	RT	1	200
613+00	RT	1	200
623+00	LT & RT	2	400
630+00	LT	1	200
635+00	RT	1	200
646+00	RT	1	200
657+00	RT	1	200
TOTAL		65	10,440

STRUCTURE NUMBER	521.1012	521.1505	521.1524	522.1018	COMMENTS
	STEEL 12-INCH EACH	SLOPED SIDE DRIANS STEEL 24-INCH		REINFORCED CONCRETE 18-INCH EACH	
		4 TO 1 EACH	6 TO 1 EACH		
SOUTH XOVER	--	--	--	1	
1	1	--	--	--	
2	1	--	--	--	
500	--	1	--	--	
501	--	--	1	--	
502	--	1	--	--	
TOTAL	2	2	1	1	

NOTE: UNLESS OTHERWISE NOTED, ALL ITEMS ARE CATEGORY 0010

FILE NAME : _____

PLOT DATE : _____

PLOT BY : _____

PLOT NAME : _____

PLOT SCALE : 1:1

PRE_175

STORM SEWER PIPE

FROM STRUCTURE	TO STRUCTURE	INLET ELEV	DISCHARGE ELEV	SLOPE	608.0315	608.0324	608.0415
					CLASS III		CLASS IV
					15-INCH LF	24-INCH LF	15-INCH LF
102	101	780.955	780.604	0.50%	71	--	--
103	102	781.133	781.055	0.50%	--	--	16
104	101	781.23	780.604	0.50%	126	--	--
105	104	781.362	781.330	0.50%	--	--	7
106	104	781.456	781.330	0.50%	--	--	26
107	106	781.599	781.556	0.50%	--	--	9
108	104	781.459	781.330	0.50%	--	--	26
202	201	778.580	778.420	1.29%	--	13	--
203	201	779.133	779.070	0.50%	13	--	--
204	203	779.343	779.233	1.00%	12	--	--
205	203	779.598	779.233	0.50%	--	--	74
206	205	779.773	779.698	1.00%	8	--	--
207	205	779.870	779.698	0.50%	--	--	35
301	300	773.250	773.000	0.50%	--	--	50
302	300	774.071	772.500	0.50%	--	--	315
303	302	774.246	774.171	0.50%	--	--	15
304	303	774.401	774.346	0.50%	--	--	11
305	302	774.236	774.171	0.50%	--	--	13
TOTAL					230	13	597

1. PIPE LENGTHS ARE MEASURED TO THE CENTER OF STRUCTURES.

NOTE: UNLESS OTHERWISE NOTED, ALL ITEMS ARE CATEGORY 0010

STORM SEWER STRUCTURES																		
			611.0420		611.0430	611.0530	611.0627	611.0636	611.0642	611.2005	611.2006	611.3004	611.3230	611.3901	611.8115	SPV.0060.01		
			RECONSTRUCTING		RECONSTRUCTING	MANHOLES	INLET	INLET	INLET	MANHOLES	MANHOLES	INLETS	INLETS	INLETS	ADJUSTING	CLEANING		
			MANHOLES		INLETS	COVERS	COVERS	COVERS	COVERS	5-FT	6-FT	4-FT	2X3-FT	1 GRATE	INLET	STORM SEWER		
STRUCTURE	STATION	OFFSET	RIM	SUMP	DEPTH	MANHOLES	INLETS	TYPE J	TYPE HM	TYPE HM-S	TYPE MS	DIAMETER	DIAMETER	DIAMETER	DIAMETER	COVERS	PIPES	
NUMBER			ELEVATION	ELEVATION		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
--	227+73 'SB'	17 LT	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	
--	230+66 'SB'	RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	
--	322+25 'SB'	RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	
103	386+25	10.1 LT	785.31	780.95	3.53	--	--	--	--	1	--	--	--	1	--	--	--	
102	286+30	4.8 RT	785.79	780.77	4.19	--	--	--	--	1	--	--	--	1	--	--	--	
101	387+00	8.5 RT	786.66	779.60	6.32	--	--	1	--	--	--	1	--	--	--	--	--	
106	388+16	15.6 LT	785.81	781.27	3.71	--	--	--	1	--	--	--	--	1	--	--	--	
107	388+16	24.1 LT	785.78	781.41	3.54	--	--	--	1	--	--	--	--	1	--	--	--	
104	388+25	8 RT	786.48	781.04	4.70	--	--	1	--	--	--	1	--	--	--	--	--	
105	388+25	14.5 RT	785.78	781.18	3.77	--	--	--	--	1	--	--	--	1	--	--	--	
108	388+50	1.5 RT	785.89	781.27	3.79	--	--	--	1	--	--	--	--	1	--	--	--	
201	391+07.81	17 LT	784.79	778.07	5.98	--	--	1	--	--	--	--	1	--	--	--	--	
203	391+20	13.5 LT	784.24	778.95	4.46	--	--	--	1	--	--	--	--	1	--	--	--	
204	391+21	24.5 LT	784.14	779.16	4.15	--	--	--	1	--	--	--	--	1	--	--	--	
206	391+93	24.5 LT	783.85	779.59	3.43	--	--	--	1	--	--	--	--	1	--	--	--	
205	391+93	17 LT	783.82	779.41	3.58	--	--	--	1	--	--	--	--	1	--	--	--	
207	392+25	4.5 LT	783.59	779.68	3.08	--	--	--	1	--	--	--	--	1	--	--	--	
304	429+86.30	24.5 LT	778.71	774.21	3.67	--	--	--	--	1	--	--	--	1	--	--	--	
305	429+86.30	14.5 RT	778.45	774.05	3.57	--	--	--	--	1	--	--	--	1	--	--	--	
303	429+86.30	13.5 LT	778.03	774.06	3.14	--	--	--	--	1	--	--	--	1	--	--	--	
302	429+86.30	1.5 LT	777.79	773.88	3.08	--	--	--	--	1	--	--	--	1	--	--	--	
300	433+00	6.2 LT	--	--	--	1	--	1	--	--	--	--	--	--	--	--	--	
301	433+50	0.37 RT	776.17	773.06	2.94	--	--	--	--	--	1	--	--	--	1	--	--	
400	594+00	4 LT	774.98	--	--	--	1	--	--	--	--	--	--	--	--	--	--	
TOTAL						1	1	4	8	7	1	2	1	7	8	1	1	2

1. STATION AND OFFSETS ARE TO THE CENTER OF STRUCTURES
2. RIM ELEVATIONS ARE GIVEN AT THE CENTER OF STRUCTURES FOR MANHOLES AND INLETS OUTSIDE OF CURB AND GUTTER
3. RIM ELEVATIONS ARE GIVEN AT THE FACE OF CURB FOR INLETS IN CURB AND GUTTER
4. SUMP ELEVATION IS TO THE BOTTOM OF THE LOWEST PIPE INVERT
5. DEPTH = RIM ELEVATION - SUMP ELEVATION - CASTING HEIGHT - ADJUSTMENT
6. CASTING HEIGHT

2" FOR TYPE MS

6" FOR TYPE HM AND HM-S

8 7/8" FOR TYPE J
7. ADJUSTMENT

4" TYPICAL (0" FOR TYPE MS COVER)

NOTE: UNLESS OTHERWISE NOTED, ALL ITEMS ARE CATEGORY 0010

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BEAM GUARD					
	204.0165	614.0400	614.0230	614.2500	614.2610
	REMOVING	ADJUSTING	MGS	THRIE BEAM	MGS
	GUARDRAIL	STEEL PLATE	GUARDRAIL 3	TRANSITION	GUARDRAIL
	BEAM GUARD	BEAM GUARD	GUARDRAIL 3	TRANSITION	GUARDRAIL
LOCATION	LF	LF	LF	LF	EACH
B-51-56 & B-51-57	813	--	638	160	4
STA 476+00 TO STA 484+00	--	200	--	--	--
TOTAL	813	200	638	160	4

FENCE SAFETY	
	616.0700.S
LOCATION	LF
PROJECT TOTAL	1,492

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EROSION CONTROL

			606.0200	606.0300	625.0500	627.0200	628.1504	628.1520	628.1905	628.1910	628.2004	628.2008	628.7005	628.7010	628.7015	628.7020	628.7504	628.7555	628.7570	645.0120
			MOBILIZATIONS										EROSION		EROSION MAT					
			RIPRAP	RIPRAP	SALVAGED		SILT	SILT	MOBILIZATIONS	EMERGENCY	MAT	URBAN	INLET PRTOECTION				TEMPORARY	CULVERT	ROCK	GEOTEXTILE
BEGIN	END	LOCATION	MEDIUM	HEAVY	TOPSOIL	MULCHING	FENCE	MAINTENANCE	EROSION	EROSION	CLASS I	CLASS I	TYPE A	TYPE B	TYPE C	TYPE D	DITCH	PIPE	BAGS	TYPE HR
			CY	CY	SY	SY	LF	LF	EACH	EACH	SY	SY	EACH	EACH	EACH	EACH	LF	EACH	EACH	SY
226+70	351+75	B-51-56 & B-51-57	--	192	6,356	275	--	--	--	--	359	5,412	5	16	2	--	40	6	--	351
351+75	395+15	RESURFACING BEGIN	--	--	12,743	--	1,030	1,030	--	--	--	12,743	15	1	3	8	320	8	--	--
395+15	434+90	MAIN ST	--	--	9,202	--	1,000	1,000	--	--	--	9,202	6	--	--	4	240	15	--	--
434+90	537+60	STH 164	8	--	8,912	--	--	--	--	--	--	8,912	--	--	--	--	380	14	--	17
537+60	595+85	HEG PARK RD	--	--	3,652	--	--	--	--	--	--	3,652	1	--	--	--	140	2	--	--
595+85	663+50	WATER PLANT DWY	--	--	4,658	--	405	405	--	--	--	4,658	1	--	--	--	240	6		
		UNDISTRIBUTED	--	--	11,150	30	610	610	12	8	--	11,150	7	1	1	3	340	13	50	--
TOTAL			8	192	56,673	305	3,045	3,045	12	8	359	55,729	35	18	6	15	1,700	64	50	368

LANDSCAPING

			629.0210	630.0130	630.0160	630.0170	630.0200	630.0400	630.0500
				SEEDING MIXTURE			SEEDING	NURSE	SEED
			FERTILIZER				TEMPORARY	CROP	WATER
STATION	TO	STATION	LOCATION	TYPE B	NO. 30	NO. 60	NO. 70		
				CWT	LB	LB	LB	LB	LB
226+70		351+75	B-51-56 & B-51-57	4.35	118	--	--	149	--
351+75		395+15	RESURFACING BEGIN	1.75	52	146	0	77	--
395+15		434+90	MAIN ST	--	--	130	--	--	--
434+90		537+60	STH 164	--	--	137	--	--	--
537+60		595+85	HEG PARK RD	--	--	55	--	--	--
595+85		663+50	WATER PLANT DWY	0.17	5	55	4	7	8
			UNDISTRIBUTED	1.63	40	131	1	58	2
TOTAL				7.90	215	654	5	291	10

NOTE: UNLESS OTHERWISE NOTED, ALL ITEMS ARE CATEGORY 0010

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SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]			637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 WOOD POSTS 4"X6"x18' [EA]	634.0814 TUBULAR STEEL POSTS 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
1	W5-52L(3)	--	18	x	54	--	6.750	--	1	1	1	--	--	--	4 FT MOUNT HEIGHT
2	W5-52R(3)	--	18	x	54	--	6.750	--	1	1	1	--	--	--	4 FT MOUNT HEIGHT
3	I3-1	FOX RIVER	48	x	36	12.000	--	--	1	2	2	--	--	--	--
4	J1-1(3)	--	36	x	75	18.750	--	--	1	1	1	--	--	--	--
	M2-1	JCT	30	x	21										
	M4-3	BUSINESS	36	x	18										
	M1-6	STH 36	36	x	36										
5	J1-1(3)	--	36	x	75	18.750	--	--	1	1	1	--	--	--	--
	M2-1	JCT	30	x	21										
	M4-3	BUSINESS	36	x	18										
	M1-6	STH 36	36	x	36										
6	W5-52R(3)	--	18	x	54	--	6.750	--	1	1	1	--	--	--	4 FT MOUNT HEIGHT
7	W5-52L(3)	--	18	x	54	--	6.750	--	1	1	1	--	--	--	4 FT MOUNT HEIGHT
8	J3-2	--	--	x	--	--	--	--	--	2	2	--	1	--	--
9	D1-3	--	--	x	--	--	--	--	--	2	2	--	1	--	--
10	D1-3	--	--	x	--	--	--	--	--	2	2	--	1	--	--
11	J3-1	--	--	x	--	--	--	--	--	1	1	--	1	--	--
12	R2-1	55 MPH	--	x	--	--	--	--	--	1	1	--	1	--	--
13	R2-1	55 MPH	--	x	--	--	--	--	--	1	1	--	1	--	--
14	W3-3	--	--	x	--	--	--	--	--	1	1	--	1	--	--
15	W3-3	--	--	x	--	--	--	--	--	1	1	--	1	--	--
16	J2-2	--	--	x	--	--	--	--	--	2	2	--	1	--	--
17	J2-3	--	--	x	--	--	--	--	--	2	2	--	1	--	--
18	J2-3	--	--	x	--	--	--	--	--	2	2	--	1	--	--
19	R6-1R(2S)	--	36	x	12	3.000	--	--	--	1	1	--	--	--	MOUNT ABOVE STOP SIGN
20	R1-1	--	--	x	--	--	--	--	--	--	--	--	1	#19	--
21	R6-3A	--	--	x	--	--	--	--	--	--	--	--	1	#19	--
22	R4-7	--	--	x	--	--	--	--	--	1	1	--	1	--	--
23	R5-1	--	--	x	--	--	--	--	--	1	1	--	1	--	--
24	R5-1A	--	--	x	--	--	--	--	--	1	1	--	1	--	--
25	JV4-1	--	--	x	--	--	--	--	--	1	1	--	1	--	--
26	JV4-1	--	--	x	--	--	--	--	--	--	--	--	1	#24	--
27	R6-2L	--	--	x	--	--	--	--	--	--	--	--	--	--	--
28	R4-7	--	--	x	--	--	--	--	--	1	1	--	1	--	--
29	W3-3(3)	--	36	x	36	--	9.000	--	--	--	1	--	--	--	--
30	W3-3(3)	--	36	x	36	--	9.000	--	--	--	1	--	--	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]			637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 WOOD POSTS 4"X6"x18' [EA]	634.0814 TUBULAR STEEL POSTS 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
31	D1-65	MAIN ST	72	x	30	15.000	--	--	--	--	2	--	--	--	--
32	W3-3	--	--	x	--	--	--	--	1	1	--	--	--	--	--
33	W3-3	--	--	x	--	--	--	--	1	1	--	--	--	--	--
34	D1-2	[A] DOWNTOWN WATERFORD	96	x	36	24.000	--	--	--	--	2	--	--	--	--
35	R2-1	55 MPH	--	x	--	--	--	--	--	1	1	--	1	--	--
36	R2-1	55 MPH	--	x	--	--	--	--	--	1	1	--	1	--	--
37	--	WEIGHT LIMIT 8 TONS OVER	--	x	--	--	--	--	--	1	1	--	1	--	--
38	--	[LA]	--	x	--	--	--	--	--	--	--	--	1	#37	--
39	J4-1	--	--	x	--	--	--	--	--	1	1	--	1	--	--
40	J3-2(2S)	--	48	x	57	19.000	--	--	1	1	1	--	--	--	--
	M3-1	NORTH	24	x	12										
	M1-6	STH 36	24	x	24										
	M6-1	[LA]	21	x	21										
	M3-3	SOUTH	24	x	12										
	M1-6	STH 36	24	x	24										
	M6-1	[RA]	21	x	21										
41	R6-2L(2M)	--	30	x	36	7.500	--	--	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
42	R1-2(2S)	--	36	x	31	3.880	--	--	1	--	1	--	--	--	--
43	--	ALTERNATE ROUTE PARKING...	--	x	--	--	--	--	--	1	1	--	1	--	--
44	--	AGENTS SOLICITATING...	--	x	--	--	--	--	--	--	--	--	1	#43	--
45	R6-3(2S)	--	30	x	24	5.000	--	--	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
46	R1-1F(3)	--	36	x	36	--	--	7.460	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
47	M1-94S	[36] MILWAUKEE AVE	108	x	18	13.500	--	--	--	--	--	--	--	--	MOUNT ON MAST ARM
48	R1-1F(3)	--	36	x	36	--	--	7.460	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
49	R5-1(3)	--	36	x	36	9.000	--	--	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
50	R5-1(3)	--	36	x	36	9.000	--	--	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
51	M1-94H	E MAIN ST	66	x	18	8.250	--	--	--	--	--	--	--	--	MOUNT ON MAST ARM
52	M1-94H	E MAIN ST	66	x	18	8.250	--	--	--	--	--	--	--	--	MOUNT ON MAST ARM
53	R10-50L(2M)	--	30	x	36	7.500	--	--	--	--	--	--	--	--	MOUNT HIGH ON SIGNAL POLE
54	R4-7(3)	--	36	x	48	12.000	--	--	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
55	R5-1	--	--	x	--	--	--	--	1	1	--	--	--	--	--
56	R5-1	--	--	x	--	--	--	--	1	1	--	--	--	--	--
57	--	WEIGHT LIMIT 8 TONS OVER	--	x	--	--	--	--	--	1	1	--	1	--	--
58	--	[RA]	--	x	--	--	--	--	--	--	--	--	1	#57	--
59	R3-20LL(3)	--	36	x	54	13.500	--	--	--	--	1	--	--	--	--
60	R5-1A	--	--	x	--	--	--	--	--	1	1	--	1	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]			637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 WOOD POSTS 4"X6"x18' [EA]	634.0814 TUBULAR STEEL POSTS 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
61	--	ALL HEAVY TRAFFIC...	--	x	--	--	--	--	--	--	--	--	1	#60	BACK OF SIGN #60
62	--	TRUCKS VIA WATERFORD	--	x	--	--	--	--	--	3	3	--	1	--	--
63	D1-1	WATERFORD [RA]	--	x	--	--	--	--	--	2	2	--	1	--	--
64	R3-20L(3)	--	36	x	54	13.500	--	--	--	--	1	--	--	--	--
65	W3-3	--	--	x	--	--	--	--	1	1	--	--	--	--	--
66	W3-3	--	--	x	--	--	--	--	1	1	--	--	--	--	--
67	D1-65	MAIN ST	72	x	30	15.000	--	--	--	--	2	--	--	--	--
68	R2-1	55 MPH	--	x	--	--	--	--	--	1	1	--	1	--	--
69	R2-1	55 MPH	--	x	--	--	--	--	--	1	1	--	1	--	--
70	J4-1	--	--	x	--	--	--	--	--	1	1	--	1	--	--
71	R1-1F(3)	--	36	x	36	--	--	7.460	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
72	R6-2L(2M)	--	30	x	36	7.500	--	--	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
73	R1-2(2S)	--	36	x	31	3.880	--	--	1	--	--	--	--	--	MOUNT ON LIGHT POLE
74	R6-3(2S)	--	30	x	24	5.000	--	--	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
75	R1-1F(3)	--	36	x	36	--	--	7.460	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
76	J13-1(2S)	--	24	x	45	7.500	--	--	1	1	--	1	--	--	--
	M1-6	STH 36	24	x	24										
	M6-4	[DA]	21	x	21										
77	M1-94S	[36] MILWAUKEE AVE	108	x	18	13.500	--	--	--	--	--	--	--	--	MOUNT ON MAST ARM
78	R5-1(3)	--	36	x	36	9.000	--	--	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
79	R1-1F(3)	--	36	x	36	--	--	7.460	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
80	R5-1(3)	--	36	x	36	9.000	--	--	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
81	R10-50L(2M)	--	30	x	36	7.500	--	--	--	--	--	--	--	--	MOUNT HIGH ON SIGNAL POLE
82	R4-7(3)	--	36	x	48	12.000	--	--	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
83	R1-1F(3)	--	36	x	36	--	--	7.460	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
84	R5-1A	--	--	x	--	--	--	--	1	1	--	--	--	--	--
85	R5-1A(3)	--	36	x	42	10.500	--	--	1	1	1	--	--	--	--
86	R3-20LL(3)	--	36	x	54	13.500	--	--	--	--	1	--	--	--	--
87	D1-65	--	--	x	--	--	--	--	1	2	--	--	--	--	--
88	D1-2	--	--	x	--	--	--	--	1	2	--	--	--	--	--
89	R3-20L(3)	--	36	x	54	13.500	--	--	--	--	1	--	--	--	--
90	D1-65	MAIN ST	--	x	--	--	--	--	1	2	--	--	--	--	--
91	W3-3(3)	--	36	x	36	--	9.000	--	--	--	1	--	--	--	--

3

3

TYPE II PERMANENT SIGNING -

2240-07-77 STH 36

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE			637.2210	637.2230	637.2215	638.2602	638.3000	634.0618	634.0814	638.2102	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
			W [IN.]	x	H [IN.]	SIGNS TYPE II REFLC H [SF]	SIGNS TYPE II REFLC F [SF]	SIGNS TYPE II REFLC H FOLDING [SF]	REMOVING SIGNS TYPE II [EA]	REMOVING SMALL SIGN SUPPORTS [EA]	WOOD POSTS 4"X 6"x18' [EA]	TUBULAR STEEL POSTS 2"X2"X14' [EA]	MOVE SIGNS TYPE II [EA]		
92	W3-3(3)	--	36	x	36	--	9.000	--	--	--	1	--	--	--	MOUNT ABOVE STOP SIGN
93	R6-1R(2S)	--	36	x	12	3.000	--	--	--	--	--	--	--	#94	
94	R1-1	--	--	x	--	--	--	--	--	1	1	--	1	--	
95	R6-3A(2S)	--	30	x	24	5.000	--	--	--	--	--	--	--	#94	
96	R4-7	--	--	x	--	--	--	--	--	1	1	--	1	--	
97	R4-7	--	--	x	--	--	--	--	--	1	1	--	1	--	
98	R5-1	--	--	x	--	--	--	--	--	1	1	--	1	--	
99	R5-1A	--	--	x	--	--	--	--	--	1	1	--	1	--	
100	J1-2	--	--	x	--	--	--	--	--	2	2	--	1	--	
101	J1-2	--	--	x	--	--	--	--	--	2	2	--	1	--	
102	R6-2L	--	--	x	--	--	--	--	--	1	1	--	1	--	
103	R5-1	--	--	x	--	--	--	--	--	1	1	--	1	--	
104	R5-1A	--	--	x	--	--	--	--	1	1	--	--	--	--	
105	R5-1A	--	--	x	--	--	--	--	--	1	1	--	1	--	
106	J2-3	--	--	x	--	--	--	--	--	2	2	--	1	--	
107	J2-3	--	--	x	--	--	--	--	--	2	2	--	1	--	
108	W3-3	--	--	x	--	--	--	--	--	1	1	--	1	--	
109	W3-3	--	--	x	--	--	--	--	--	1	1	--	1	--	
110	D1-3	--	--	x	--	--	--	--	--	2	2	--	1	--	
111	J3-1	--	--	x	--	--	--	--	--	1	1	--	1	--	
112	J3-1	--	--	x	--	--	--	--	--	1	1	--	1	--	
113	R3-20L	--	--	x	--	--	--	--	--	1	1	--	1	--	
114	R2-1	--	--	x	--	--	--	--	--	1	1	--	1	--	
115	R2-1	--	--	x	--	--	--	--	--	1	1	--	1	--	
116	J4-1	--	--	x	--	--	--	--	--	1	1	--	1	--	
117	R5-1A	--	--	x	--	--	--	--	--	1	1	--	1	--	MOUNT ON SIGNAL POLE
118	R5-1A	--	--	x	--	--	--	--	1	1	--	--	--	--	
119	R5-1	--	--	x	--	--	--	--	--	1	1	--	1	--	
120	R6-2L(2M)	--	30	x	36	7.500	--	--	1	--	--	--	--	--	
121	R1-2(2S)	--	36	x	31	3.880	--	--	1	1	1	--	--	--	
122	R4-7(3)	--	36	x	48	12.000	--	--	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
123	R4-7(3)	--	36	x	48	12.000	--	--	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
124	R6-3(2S)	--	30	x	24	5.000	--	--	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
125	R1-1F(3)	--	36	x	36	--	--	7.460	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
126	M1-94S	[LA] [K] APPLE RD	90	x	30	18.750	--	--	--	--	--	--	--	--	MOUNT ON MAST ARM
		[164] BIG BEND RD [RA]													

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 WOOD POSTS 4"X6"x18' [EA]	634.0814 TUBULAR STEEL POSTS 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
127	M1-94S	[36] MILWAUKEE AVE	108 x 18	13.500	--	--	--	--	--	--	--	--	MOUNT ON MAST ARM
128	R1-1F(3)	--	36 x 36	--	--	7.460	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
129	R5-1(3)	--	36 x 36	9.000	--	--	1	1	--	--	--	--	MOUNT ON SIGNAL POLE
130	R5-1(3)	--	36 x 36	9.000	--	--	1	1	1	--	--	--	--
131	R5-1A	--	-- x --	--	--	--	--	1	1	--	1	--	--
132	R3-20LL(3)	--	36 x 54	13.500	--	--	--	--	1	--	--	--	--
133	J3-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
134	J3-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
135	R3-20L(3)	--	36 x 54	13.500	--	--	--	--	1	--	--	--	--
136	W3-3(3)	--	36 x 36	--	9.000	--	1	1	1	--	--	--	--
137	W3-3(3)	--	36 x 36	--	9.000	--	1	1	1	--	--	--	--
138	J2-3	--	-- x --	--	--	--	--	2	2	--	1	--	--
139	J2-3	--	-- x --	--	--	--	--	2	2	--	1	--	--
140	D1-61	KRAMER DR	-- x --	--	--	--	--	2	2	--	1	--	--
141	R2-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
142	R2-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
143	R10-50L(2M)	--	30 x 36	7.500	--	--	1	--	--	--	--	--	MOUNT HIGH ON SIGNAL POLE
144	J4-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
145	R1-1F(3)	--	36 x 36	--	--	7.460	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
146	R6-2L(2M)	--	30 x 36	7.500	--	--	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
147	R1-2(2S)	--	36 x 31	3.880	--	--	1	1	1	--	--	--	--
148	M1-94S	[LA] [164] BIG BEND RD	90 x 30	18.750	--	--	--	--	--	--	--	--	MOUNT ON MAST ARM
		[K] APPLE RD [RA]											
149	R6-3(2S)	--	30 x 24	5.000	--	--	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
150	R1-1F(3)	--	36 x 36	--	--	7.460	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
151	R10-50L(2M)	--	30 x 36	7.500	--	--	1	--	--	--	--	--	MOUNT HIGH ON SIGNAL POLE
152	M1-94S	[36] MILWAUKEE AVE	108 x 18	13.500	--	--	--	--	--	--	--	--	MOUNT ON MAST ARM
153	R1-1F(3)	--	36 x 36	--	--	7.460	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
154	R1-1F(3)	--	36 x 36	--	--	7.460	1	--	--	--	--	--	MOUNT ON SIGNAL POLE
155	J1-2	--	-- x --	--	--	--	--	2	2	--	1	--	--
156	J1-2	--	-- x --	--	--	--	--	2	2	--	1	--	--
157	I55-56	--	-- x --	--	--	--	--	1	1	--	1	--	--
158	R6-2R(2S)	--	36 x 12	3.000	--	--	--	--	--	--	--	#159	MOUNT ABOVE STOP SIGN

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 WOOD POSTS 4"X6"x18' [EA]	634.0814 TUBULAR STEEL POSTS 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
159	R1-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
160	R6-3	--	-- x --	--	--	--	--	--	--	--	1	#159	--
161	W12-1D(2S)	--	24 x 24	--	4.000	--	--	--	--	1	--	--	2 FT MOUNT HEIGHT
162	R6-1L	--	-- x --	--	--	--	--	--	--	--	1	#159	MOUNT BEHIND R6-1R
163	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
164	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
165	R5-1A	--	-- x --	--	--	--	--	1	1	--	1	--	--
166	D1-61	KRAMER DR	-- x --	--	--	--	--	2	2	--	1	--	--
167	W12-1D(2S)	--	24 x 24	--	4.000	--	--	--	--	1	--	--	2 FT MOUNT HEIGHT
168	R6-1R(2S)	--	36 x 12	3.000	--	--	--	--	--	--	--	#169	MOUNT ABOVE STOP SIGN
169	R1-1	--	-- x --	--	--	--	--	1	1	--	--	--	--
170	R6-3	--	-- x --	--	--	--	--	--	--	--	--	#169	--
171	R6-1L	--	-- x --	--	--	--	--	--	--	--	--	#169	MOUNT BEHIND R6-1R
172	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
173	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
174	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
175	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
176	R5-1A	--	-- x --	--	--	--	--	1	1	--	1	--	--
177	M3-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
178	D1-1	MALCHINE RD [RA]	-- x --	--	--	--	--	2	2	--	1	--	--
179	D5-63	--	-- x --	--	--	--	--	2	2	--	1	--	--
180	R5-1A	--	-- x --	--	--	--	--	1	1	--	1	--	--
181	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
182	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
183	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
184	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
185	R6-1R(2S)	--	36 x 12	3.000	--	--	--	--	--	--	--	#186	MOUNT ABOVE STOP SIGN
186	R1-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
187	R6-3A	--	-- x --	--	--	--	--	--	--	--	1	#186	--
188	R6-2L	--	-- x --	--	--	--	--	1	1	--	1	--	--
189	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
190	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
191	R5-1A	--	-- x --	--	--	--	--	1	1	--	1	--	--
192	D1-1	[LA] MALCHINE RD	-- x --	--	--	--	--	2	2	--	1	--	--
193	J3-1	--	-- x --	--	--	--	--	1	1	--	1	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 WOOD POSTS 4"X6"x18' [EA]	634.0814 TUBULAR STEEL POSTS 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
194	D7-68L	--	-- x --	--	--	--	--	2	2	--	1	--	--
195	R5-1A	--	-- x --	--	--	--	--	1	1	--	1	--	--
196	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
197	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
198	R6-1R(2S)	--	36 x 12	3.000	--	--	--	--	--	--	--	#199	MOUNT ABOVE STOP SIGN
199	R1-1	--	-- x --	--	--	--	--	1	1	--	--	--	--
200	R6-3A(2S)	--	30 x 24	5.000	--	--	1	--	--	--	--	#199	--
201	NOT USED	--	-- x --	--	--	--	--	--	--	--	--	--	--
202	NOT USED	--	-- x --	--	--	--	--	--	--	--	--	--	--
203	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
204	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
205	R5-1A	--	-- x --	--	--	--	--	--	--	--	1	#206	--
206	D5-64R	--	-- x --	--	--	--	--	2	2	--	1	--	--
207	D7-68R	--	-- x --	--	--	--	--	2	2	--	1	--	--
208	S3-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
209	S3-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
210	R6-2L	--	-- x --	--	--	--	--	1	1	--	1	--	--
211	D5-64L	--	-- x --	--	--	--	--	2	2	--	1	--	--
212	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
213	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
214	R6-2L	--	-- x --	--	--	--	--	1	1	--	1	--	--
215	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
216	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
217	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
218	R5-1A	--	-- x --	--	--	--	1	1	--	--	--	--	--
219	R5-1A	--	-- x --	--	--	--	1	1	--	--	--	--	--
220	D5-63	--	-- x --	--	--	--	--	1	1	--	1	--	--
221	R6-2R	--	-- x --	--	--	--	--	1	1	--	1	--	--
222	R6-2R	--	-- x --	--	--	--	--	1	1	--	1	--	--
223	R6-1R(2S)	--	36 x 12	3.000	--	--	--	--	--	--	--	#224	MOUNT ABOVE STOP SIGN
224	R1-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
225	R6-3A(2S)	--	30 x 24	5.000	--	--	1	--	--	--	--	#224	--
226	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
227	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
228	R5-1A	--	-- x --	--	--	--	--	1	1	--	1	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 WOOD POSTS 4"X6"x18' [EA]	634.0814 TUBULAR STEEL POSTS 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
229	W54-58	--	-- x --	--	--	--	--	1	1	--	1	--	--
230	R6-2L	--	-- x --	--	--	--	--	1	1	--	1	--	--
231	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
232	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
233	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
234	W54-58	--	-- x --	--	--	--	--	1	1	--	1	--	--
235	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
236	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
237	R6-2L	--	-- x --	--	--	--	--	1	1	--	1	--	--
238	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
239	R6-1L	--	-- x --	--	--	--	--	--	--	--	1	#241	MOUNT BEHIND R6-1R
240	R6-1R(2S)	--	36 x 12	3.000	--	--	--	--	--	--	--	#241	--
241	R1-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
242	R6-3	--	-- x --	--	--	--	--	--	--	--	1	#241	--
243	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
244	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
245	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
246	R5-1A	--	-- x --	--	--	--	1	1	--	--	--	--	--
247	R6-1L	--	-- x --	--	--	--	--	--	--	--	1	#249	--
248	R6-1R(2S)	--	36 x 12	3.000	--	--	--	--	--	--	--	--	MOUNT ABOVE STOP SIGN
249	R1-1	--	-- x --	--	--	--	--	1	1	--	1	#249	--
250	R6-3	--	-- x --	--	--	--	--	1	1	--	1	#249	--
251	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
252	R5-1A	--	-- x --	--	--	--	1	1	--	--	--	--	--
253	R5-1A	--	-- x --	--	--	--	--	1	1	--	1	--	--
254	R5-1A	--	-- x --	--	--	--	--	1	1	--	1	--	--
255	--	NORWAY EV. LUTHERAN CHURCH	-- x --	--	--	--	--	2	2	--	1	--	--
256	S5-2	--	-- x --	--	--	--	--	1	1	--	1	--	--
257	S5-2	--	-- x --	--	--	--	--	1	1	--	1	--	--
258	R7-1R	--	-- x --	--	--	--	--	1	1	--	1	--	--
259	D2-2	--	-- x --	--	--	--	--	2	2	--	1	--	--
260	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
261	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
262	I2-3	--	-- x --	--	--	--	--	2	2	--	1	--	--
263	R7-1L	--	-- x --	--	--	--	--	1	1	--	1	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 WOOD POSTS 4"X6"x18' [EA]	634.0814 TUBULAR STEEL POSTS 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
264	S1-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
265	S16-9P	--	-- x --	--	--	--	--	--	--	--	1	#264	--
266	R2-6P	--	-- x --	--	--	--	--	--	--	--	1	#264	--
267	S1-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
268	S16-9P	--	-- x --	--	--	--	--	--	--	--	1	#267	--
269	R2-6P	--	-- x --	--	--	--	--	--	--	--	1	#267	--
270	I55-56	--	-- x --	--	--	--	--	1	1	--	1	--	--
271	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
272	W5-52L	--	-- x --	--	--	--	--	--	--	--	1	#276	--
273	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
274	R1-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
275	R6-1R(2S)	--	36 x 12	3.000	--	--	--	--	--	--	--	#276	--
276	R1-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
277	R6-3	--	-- x --	--	--	--	--	--	--	--	1	#276	--
278	W5-52R	--	-- x --	--	--	--	--	--	--	--	1	#276	--
279	R6-1L	--	-- x --	--	--	--	--	--	--	--	1	#276	MOUNT BEHIND R6-1R
280	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
281	R5-1A	--	-- x --	--	--	--	1	1	--	--	--	--	--
282	R5-1A	--	-- x --	--	--	--	--	1	1	--	1	--	--
283	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
284	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
285	J3-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
286	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
287	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
288	R6-1L	--	-- x --	--	--	--	--	--	--	--	1	#290	MOUNT BEHIND R6-1R
289	R6-1R(2S)	--	36 x 12	3.000	--	--	--	--	--	--	--	#290	MOUNT ABOVE STOP SIGN
290	R1-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
291	R6-3	--	-- x --	--	--	--	--	--	--	--	1	#290	--
292	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
293	R4-7	--	-- x --	--	--	--	--	1	1	--	1	--	--
294	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
295	R5-1A	--	-- x --	--	--	--	1	1	--	--	--	--	--
296	R5-1A	--	-- x --	--	--	--	--	1	1	--	1	--	--
297	--	SAINT CLARE CHURCH	-- x --	--	--	--	--	2	2	--	1	--	--
298	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 WOOD POSTS 4"X6"x18' [EA]	634.0814 TUBULAR STEEL POSTS 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
299	J3-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
300	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
301	S1-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
302	S16-9P	--	-- x --	--	--	--	--	--	--	--	1	#301	--
303	R2-6P	--	-- x --	--	--	--	--	--	--	--	1	#301	--
304	S1-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
305	S16-9P	--	-- x --	--	--	--	--	--	--	--	1	#304	--
306	R2-6P	--	-- x --	--	--	--	--	--	--	--	1	#304	--
307	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
308	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
309	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
310	J1-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
311	J1-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
312	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
313	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
314	S5-2	--	-- x --	--	--	--	--	1	1	--	1	--	--
315	S5-2	--	-- x --	--	--	--	--	1	1	--	1	--	--
316	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
317	R2-1	55 MPH	-- x --	--	--	--	--	1	1	--	1	--	--
318	J4-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
319	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
320	R1-2	--	-- x --	--	--	--	--	1	1	--	1	--	--
321	J3-2	--	-- x --	--	--	--	--	1	1	--	1	--	--
322	R5-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
323	J3-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
324	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
325	J4-1	--	-- x --	--	--	--	--	1	1	--	1	--	--
326	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
327	R1-2	--	-- x --	--	--	--	--	1	1	--	1	--	--
328	J3-3	--	-- x --	--	--	--	--	2	2	--	1	--	--
329	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
330	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--
331	D1-61	LOOMIS RD	-- x --	--	--	--	--	2	2	--	1	--	--
332	R5-1A	--	-- x --	--	--	--	--	1	1	--	1	--	--
333	R7-1D	--	-- x --	--	--	--	--	1	1	--	1	--	--

3

TYPE II PERMANENT SIGNING -														2240-07-77 STH 36	
SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]			637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 WOOD POSTS 4"X6"x18' [EA]	634.0814 TUBULAR STEEL POSTS 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
334	W3-3	--	--	x	--	--	--	--	--	1	1	--	1	--	--
335	W3-3	--	--	x	--	--	--	--	--	1	1	--	1	--	--
336	R7-1D	--	--	x	--	--	--	--	--	1	1	--	1	--	--
--	--	--	--	x	--	--	--	--	--	--	--	--	--	--	--
TOTALS						575.020	89.000	89.520	58	270	264	3	224		

3

3

SUMMARY OF STATE FURNISHED MATERIALS		
QUANTITY	UNIT	DESCRIPTION
1	EACH	POLES TYPE 9
1	EACH	POLES TYPE 10 SPECIAL
1	EACH	POLES OVER HEIGHT TYPE 10 SPECIAL
1	EACH	POLES OVER HEIGHT TYPE 13
1	EACH	MONOTUBE ARMS 30-FT
1	EACH	MONOTUBE ARMS 35-FT
1	EACH	MONOTUBE ARMS 45-FT
1	EACH	MONOTUBE ARMS 50-FT
3	EACH	LUMINAIRE ARMS STEEL 15-FT
1	EACH	TRAFFIC SIGNAL CABINET
4	EACH	EVP DETECTOR HEADS

NOTE: THIS TABLE IS FOR INFORMATION ONLY.

PULL BOXES						
LOCATION	PULL BOX NO.	ALIGNMENT	STATION	OFFSET	* 653.0135 PULL BOXES STEEL 24" x 36" EACH	* 653.0140 PULL BOXES STEEL 24" x 42" EACH
STH 36 & MAIN STREET	PB1	MAIN STREET	19+11	49.8' LT	--	1
	PB2	STH 36	389+94	85.4' LT	--	1
	PB3	STH 36	392+47	73.5' LT	1	--
	PB4	STH 36	394+04	71.0' LT	1	--
	PB5	STH 36	389+96	19.8' LT	--	1
	PB6	STH 36	390+28	19.1' LT	--	1
	PB7	STH 36	390+29	7.3' RT	--	1
	PB8	STH 36	390+34	73.6' RT	--	1
	PB9	MAIN STREET	21+36	37.8' LT	--	1
	PB10	MAIN STREET	23+01	21.5' LT	1	--
	PB11	MAIN STREET	21+03	23.8' LT	--	1
	PB12	MAIN STREET	20+92	28.2' RT	--	1
	PB13	STH 36	388+99	67.3' RT	--	1
	PB14	STH 36	385+98	60.4' RT	1	--
	PB15	STH 36	384+15	59.5' RT	1	--
	PB16	STH 36	388+73	7.9' RT	--	1
	PB17	STH 36	388+05	7.9' RT	--	1
	PB18	STH 36	388+01	19.0' LT	--	1
	PB19	MAIN STREET	18+51	57.1' RT	--	1
	PB20	MAIN STREET	18+74	28.7' RT	--	1
	PB21	MAIN STREET	18+34	41.5' RT	--	1
	PB22	MAIN STREET	17+13	27.8' RT	1	--
	PB23	MAIN STREET	18+58	31.6' LT	--	1
PROJECT TOTAL					6	17

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.

REMOVAL QUANTITIES			
LOCATION	ITEM NO.	* 204.0195 REMOVING CONCRETE BASES EACH	* 653.0905 REMOVING PULL BOXES EACH
STH 36 & MAIN STREET	SB1	1	--
	SB2	1	--
	SB3	1	--
	SB4	1	--
	SB5	1	--
	SB6	1	--
	SB7	1	--
	SB8	1	--
	SB9	1	--
	SB10	1	--
	SB11	1	--
	SB12	1	--
	PB1	--	1
	PB2	--	1
	PB4	--	1
	PB5	--	1
	PB6	--	1
	PB7	--	1
	PB8	--	1
	PB9	--	1
	PB10	--	1
	PB11	--	1
	PB12	--	1
	PB14	--	1
	PB15	--	1
	PB16	--	1
	PB17	--	1
	PB18	--	1
	PB19	--	1
	PB20	--	1
	PB21	--	1
	CB1	1	--
PROJECT TOTALS		13	19

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.

ALL ITEMS ARE CATEGORY 0010

STH 36 & MAIN STREET
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO: S51-0585 PAGE 1 OF 9

*	*	*	*
652.0225	652.0235	652.0605	652.0615
CONDUIT RIGID	CONDUIT RIGID	CONDUIT	CONDUIT
NONMETALLIC	NONMETALLIC	SPECIAL	SPECIAL
SCHEDULE 40	SCHEDULE 40	2-INCH	3-INCH
2-INCH	3-INCH		

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.

204.9105.S.01
REMOVING
TRAFFIC SIGNALS
STH 36 & MAIN STREET
LS

REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE
STH 36 & MAIN STREET

204.9105.S.03
REMOVING LOOP DETECTOR WIRE
AND LEAD-IN CABLE
STH 36 & MAIN STREET
LS

ELECTRICAL SERVICE METER BREAKER PEDESTAL

656.0200.01
ELECTRICAL SERVICE
METER BREAKER PEDESTAL
STH 36 & MAIN STREET
LS

LOCATION	LS
STH 36 & MAIN STREET	1
TOTAL	1

**STH 36 & MAIN STREET
VILLAGE OF WATERFORD
RACINE COUNTY**

SIGNAL NO: S51-0585

PAGE 2 OF 9

3

3

					CONCRETE BASES						
					*	*			*	*	*
					654.0101	654.0102	654.0105	654.0110	SPV.0060.01	654.0113	654.0217
					CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE
					BASES	BASES	BASES	BASES	BASES	BASES	CONTROL CABINET
					TYPE 1	TYPE 2	TYPE 5	TYPE 10	TYPE 10	TYPE 13	BASE TYPE 9
									SPECIAL		SPECIAL
LOCATION	SIGNAL BASE NO.	ALIGNMENT	STATION	OFFSET	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STH 36 & MAIN STREET	CB1	MAIN STREET	18+94	42.9' LT	--	--	--	--	--	--	1
	SB1	STH 36	389+87	79.8' LT	1	--	--	--	--	--	--
	SB2	STH 36	389+87	19.5' LT	1	--	--	--	--	--	--
	SB3	STH 36	390+04	19.6' LT	--	--	1	--	--	--	--
	SB4	STH 36	390+10	6.7' RT	1	--	--	--	--	--	--
	SB5	STH 36	390+53	66.8' RT	--	--	--	--	1	--	--
	SB6	MAIN STREET	20+96	21.6' LT	--	1	--	--	--	--	--
	SB7	MAIN STREET	20+93	33.4' LT	1	--	--	--	--	--	--
	SB8	MAIN STREET	20+70	32.6' RT	--	--	--	1	--	--	--
	SB9	MAIN STREET	20+54	38.5' RT	1	--	--	--	--	--	--
	SB10	STH 36	388+89	70.0' RT	1	--	--	--	--	--	--
	SB11	STH 36	388+58	8.8' RT	--	1	--	--	--	--	--
	SB12	STH 36	388+11	19.9' LT	1	--	--	--	--	--	--
	SB13	STH 36	387+75	82.5' LT	--	--	--	--	--	1	--
	SB14	MAIN STREET	18+57	58.0' RT	--	--	1	--	--	--	--
	SB15	MAIN STREET	18+86	33.0' RT	1	--	--	--	--	--	--
	SB16	MAIN STREET	18+92	42.8' RT	1	--	--	--	--	--	--
	SB17	MAIN STREET	18+84	35.1' LT	--	--	--	--	1	--	--
PROJECT TOTAL					9	2	2	1	2	1	1

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.

SIGNAL MOUNTING HARDWARE

		658.5069.01 SIGNAL MOUNTING HARDWARE STH 36 & MAIN STREET
LOCATION	LS	
STH 36 & MAIN STREET		1
TOTAL		1

TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS

		661.0200.01 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS STH 36 & MAIN STREET
LOCATION	LS	
STH 36 & MAIN STREET		1
TOTAL		1

STH 36 & MAIN STREET
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL BASES, POLES, AND MAST ARMS											
LOCATION	SIGNAL BASE NO	*	*	*		*			*	*	*
		657.0100	657.0255	657.0310	657.0322	657.0425	657.0430	SPV.0060.02	SPV.0060.03	SPV.0060.04	SPV.0060.06
		PEDESTAL BASE EACH	TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	POLES TYPE 3 EACH	POLES TYPE 5 ALUMINUM EACH	TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH	INSTALL POLES TYPE 9 EACH	INSTALL POLES TYPE 10 SPECIAL EACH	INSTALL POLES OVER HEIGHT TYPE 10 SPECIAL EACH	INSTALL POLES OVER HEIGHT TYPE 13 EACH
STH 36 & MAIN STREET	SB1	1	--	--	--	1	--	--	--	--	--
	SB2	1	--	--	--	1	--	--	--	--	--
	SB3	--	1	--	1	--	--	--	--	--	--
	SB4	1	--	--	--	1	--	--	--	--	--
	SB5	--	--	--	--	--	--	--	--	1	--
	SB6	--	1	1	--	--	--	--	--	--	--
	SB7	1	--	--	--	--	1	--	--	--	--
	SB8	--	--	--	--	--	--	1	--	--	--
	SB9	1	--	--	--	--	1	--	--	--	--
	SB10	1	--	--	--	1	--	--	--	--	--
	SB11	--	1	1	--	--	--	--	--	--	--
	SB12	1	--	--	--	1	--	--	--	--	--
	SB13	--	--	--	--	--	--	--	--	--	1
	SB14	--	1	--	1	--	--	--	--	--	--
	SB15	1	--	--	--	1	--	--	--	--	--
	SB16	1	--	--	--	--	1	--	--	--	--
	SB17	--	--	--	--	--	--	--	1	--	--
PROJECT TOTALS		9	4	2	2	6	3	1	1	1	1

SIGNAL BASES, POLES, AND MAST ARMS (CONT.)										
SIGNAL BASE NO		*	*	*		*		*		*
	SPV.0060.07	SPV.0060.08	SPV.0060.10	SPV.0060.11	657.0609	657.0610	SPV.0060.12	658.0500	659.1125	
	INSTALL MONOTUBE ARMS 30-FT EACH	INSTALL MONOTUBE ARMS 35-FT EACH	INSTALL MONOTUBE ARMS 45-FT EACH	INSTALL MONOTUBE ARMS 50-FT EACH	LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT EACH	LUMINAIRE ARMS SINGLE MEMBER 4 1/2-INCH CLAMP 6-FT EACH	INSTALL LUMINAIRE ARMS STEEL 15-FT EACH	PEDESTRIAN PUSH BUTTONS EACH	LUMINAIRES UTILITY LED C EACH	
SB1	--	--	--	--	--	--	--	1	--	
SB2	--	--	--	--	--	--	--	1	--	
SB3	--	--	--	--	--	2	--	--	2	
SB4	--	--	--	--	--	--	--	--	--	
SB5	--	--	1	--	--	--	1	--	1	
SB6	--	--	--	--	2	--	--	1	2	
SB7	--	--	--	--	--	--	--	1	--	
SB8	1	--	--	--	--	--	--	--	--	
SB9	--	--	--	--	--	--	--	1	--	
SB10	--	--	--	--	--	--	--	1	--	
SB11	--	--	--	--	2	--	--	1	2	
SB12	--	--	--	--	--	--	--	--	--	
SB13	--	--	--	1	--	--	1	--	1	
SB14	--	--	--	--	--	1	--	--	1	
SB15	--	--	--	--	--	--	--	1	--	
SB16	--	--	--	--	--	--	--	1	--	
SB17	--	1	--	--	--	--	1	1	1	
PROJECT TOTALS		1	1	1	1	4	3	3	10	10

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE
IN PLANS.

STH 36 & MAIN STREET
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO: S51-0585 PAGE 4 OF 9

3

3

TRAFFIC DETECTOR LOOPS									*	*	*
									652.0800	655.0700	655.0800
	LOOP	HOME		**		SDD INSTALLATION	NO. OF	PAVEMENT	CONDUIT LOOP DETECTOR	LOOP DETECTOR LEAD IN CABLE	LOOP DETECTOR WIRE
LOCATION	NO.	RUN PB	ALIGNMENT	STATION/OFFSET	SIZE	REFERENCE	TURNS	TYPE	LF	LF	LF
STH 36 & MAIN STREET	21	PB4	STH 36	394+03, 36' LT	6'X10'	9F15-4B	5	ASPHALT	94	522	234
	22	PB4	STH 36	394+04, 47' LT	6'X10'	9F15-4A	5	ASPHALT	70	522	210
	23	PB3	STH 36	392+47, 36' LT	6'X6'	9F15-4B	5	ASPHALT	90	366	198
	24	PB3	STH 36	392+47, 48' LT	6'X6'	9F15-4A	5	ASPHALT	66	366	174
	25	PB7	STH 36	390+25, 5' LT	6'X20'	9F15-4A	3	ASPHALT	72	234	188
	26	PB7	STH 36	389+98, 5' LT	6'X20'	9F15-4A	3	ASPHALT	82	234	198
	31	PB10	MAIN ST	23+44, 8' LT	6'X8'	9F15-4B	5	ASPHALT	116	493	240
	32	PB11	MAIN ST	21+21, 6' LT	6'X20'	9F15-4A	3	ASPHALT	100	361	216
	33	PB11	MAIN ST	20+93, 5' LT	6'X20'	9F15-4A	3	ASPHALT	88	361	204
	41	PB22	MAIN ST	17+05, 7' RT	6'X6'	9F15-4A	4	CONCRETE	60	246	144
	42	PB20	MAIN ST	18+56, 13' RT	6'X20'	9F15-4A	3	ASPHALT	96	183	212
	43	PB20	MAIN ST	18+84, 15' RT	6'X20'	9F15-4A	3	ASPHALT	84	183	200
	61	PB15	STH 36	384+14, 27' RT	6'X20'	9F15-4B	5	ASPHALT	108	878	328
	62	PB15	STH 36	384+14, 39' RT	6'X20'	9F15-4A	5	ASPHALT	84	878	204
	63	PB14	STH 36	385+97, 26' RT	6'X14'	9F15-4B	5	ASPHALT	100	691	272
	64	PB14	STH 36	385+98, 38' RT	6'X14'	9F15-4B	5	ASPHALT	76	691	248
	65	PB17	STH 36	387+97, 7' LT	6'X20'	9F15-4A	3	ASPHALT	80	255	196
	66	PB17	STH 36	388+25, 7' LT	6'X20'	9F15-4A	3	ASPHALT	76	255	192
TOTAL									1542	7719	3858

NOTES: FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD
SDD 9F15-4A: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)
SDD 9F15-4B: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.
**LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.

TRANSPORT AND INSTALL SF TRAFFIC SIGNAL CABINET	
STH 36 & MAIN STREET	
SPV.0105.01	
TRANSPORT AND INSTALL SF TRAFFIC SIGNAL CABINET	
STH 36 & MAIN STREET	
LOCATION	LS
STH 36 & MAIN STREET	1
TOTAL	1

REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE	
STH 36 & MAIN STREET	
204.9105.S.03	
REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE	
STH 36 & MAIN STREET	
LOCATION	LS
STH 36 & MAIN STREET	1
TOTAL	1

STH 36 & MAIN STREET
VILLAGE OF WATERFORD
RACINE COUNTY

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE										
* * * * *										
655.0230 655.0240 655.0260 655.0320 655.0515 655.0610 655.0900 (INCIDENTAL)										
CABLE CABLE CABLE CABLE TYPE ELECTRICAL ELECTRICAL * , ++										
TRAFFIC TRAFFIC TRAFFIC TYPE UF WIRE TRAFFIC WIRE TRAFFIC SIGNAL EVP										
SIGNAL SIGNAL SIGNAL 2-10 AWG SIGNALS LIGHTING DETECTOR										
5-14 AWG 7-14 AWG 12-14 AWG GROUNDED 10 AWG 12 AWG CABLE										
LOCATION	FROM	TO	LF	LF	LF	LF	LF	LF	LF	LF
STH 36 & MAIN STREET	CB1	SB1	--	--	142	--	142	--	--	--
	CB1	SB2	--	--	226	--	--	--	--	--
	CB1	SB3	--	--	--	226	--	--	--	--
	CB1	SB4	--	325	--	--	--	--	--	--
	CB1	SB5	--	410	--	--	--	--	416	--
	CB1	SB6	--	--	483	--	--	--	--	--
	CB1	SB7	--	491	--	--	--	--	--	--
	CB1	SB8	--	--	548	--	--	--	516	--
	CB1	SB9	--	509	--	--	--	--	--	--
	CB1	SB10	--	--	506	--	--	--	--	--
	CB1	SB11	--	--	429	--	--	--	--	--
	CB1	SB12	--	297	--	--	--	--	--	--
	CB1	SB13	--	207	--	--	--	--	248	--
	CB1	SB15	--	--	250	--	--	--	--	--
	CB1	SB16	--	262	--	--	--	--	--	--
	CB1	SB17	--	--	76	76	76	--	120	--
	SB1	SB2	--	--	--	--	112	--	--	--
	SB2	SB4	--	--	--	--	129	--	--	--
	SB3	SB5	--	--	--	213	--	--	--	--
	SB4	SB5	--	--	--	--	130	--	--	--
	SB5	SB6	--	--	--	129	129	--	--	--
	SB6	SB7	--	--	--	--	34	--	--	--
	SB7	SB8	--	--	--	--	199	--	--	--
	SB8	SB9	--	--	--	--	119	--	--	--
	SB9	SB10	--	--	--	--	39	--	--	--
	SB10	SB11	--	--	--	--	120	--	--	--
	SB11	SB12	--	--	--	--	165	--	--	--
	SB11	SB13	--	--	--	279	--	--	--	--
	SB12	SB13	--	--	--	--	147	--	--	--
	SB13	SB14	--	--	--	42	--	--	--	--
	SB13	SB15	--	--	--	--	100	--	--	--
	SB14	SB17	--	--	--	175	--	--	--	--
	SB15	SB16	--	--	--	--	51	--	--	--
	SB16	SB17	--	--	--	--	245	--	--	--
	PB1	CB1	--	--	--	--	31	--	--	--
	PB2	SB1	--	--	--	--	21	--	--	--
	PB5	SB2	--	--	--	--	21	--	--	--
	PB6	SB2	--	--	--	--	56	--	--	--
	PB7	SB4	--	--	--	--	32	--	--	--
	PB8	SB5	--	--	--	--	33	--	--	--
	PB9	SB6	--	--	--	--	57	--	--	--
	PB11	SB6	--	--	--	--	20	--	--	--
	PB12	SB8	--	--	--	--	36	--	--	--
	PB13	SB10	--	--	--	--	23	--	--	--
	PB16	SB11	--	--	--	--	28	--	--	--
	PB17	SB12	--	--	--	--	52	--	--	--
	PB18	SB12	--	--	--	--	23	--	--	--
	PB19	SB14	--	--	--	--	19	--	--	--
	PB20	SB15	--	--	--	--	26	--	--	--
	PB21	SB14	--	--	--	--	45	--	--	--
	PB23	SB17	--	--	--	--	35	--	--	--

(CONTINUED ON NEXT PAGE)

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.

++TRAFFIC SIGNAL EVP DETECTOR CABLE IS MEASURED FROM CB1 TO THE DETECTOR HEAD.

STH 36 & MAIN STREET
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO: S51-0585 PAGE 6 OF 9

3

3

			TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE							
			*	*	*	*	*	*	*, ++	
			655.0230	655.0240	655.0260	655.0320	655.0515	655.0610	655.0900	(INCIDENTAL)
			CABLE	CABLE	CABLE	CABLE TYPE	ELECTRICAL	ELECTRICAL	TRAFFIC	LOOP
			TRAFFIC	TRAFFIC	TRAFFIC	TYPE UF	WIRE TRAFFIC	WIRE	SIGNAL EVP	DETECTOR
			SIGNAL	SIGNAL	SIGNAL	2-10 AWG	SIGNALS	LIGHTING	DETECTOR	LEAD IN
LOCATION	FROM	TO	5-14 AWG	7-14 AWG	12-14 AWG	GROUND	10 AWG	12 AWG	CABLE	CABLE
STH 36 & MAIN STREET	SB1	HEAD 5	--	22	--	--	--	--	--	--
	SB1	HEAD 7	21	--	--	--	--	--	--	--
	SB1	HEAD 23	15	--	--	--	--	--	--	--
	SB1	PUSH BUTTON	--	--	--	--	--	--	--	6
	SB2	HEAD 6	--	22	--	--	--	--	--	--
	SB2	HEAD 24	15	--	--	--	--	--	--	--
	SB2	HEAD 25	15	--	--	--	--	--	--	--
	SB2	PUSH BUTTON	--	--	--	--	--	--	--	6
	SB3	LUMINAIRE	--	--	---	--	--	234	--	--
	SB4	HEAD 10	--	22	--	--	--	--	--	--
	SB5	HEAD 2	70	--	--	--	--	--	--	--
	SB5	HEAD 3	70	--	--	--	--	--	--	--
	SB5	LUMINAIRE	--	--	--	--	--	144	--	--
	SB6	HEAD 13	21	--	--	--	--	--	--	--
	SB6	HEAD 18	--	22	--	--	--	--	--	--
	SB6	HEAD 27	15	--	--	--	--	--	--	--
	SB6	PUSH BUTTON	--	--	--	--	--	--	--	6
	SB6	LUMINAIRE	--	--	--	--	--	288	--	--
	SB7	HEAD 26	15	--	--	--	--	--	--	--
	SB7	PUSH BUTTON	--	--	--	--	--	--	--	6
	SB8	HEAD 19	--	55	--	--	--	--	--	--
	SB8	HEAD 20	--	21	--	--	--	--	--	--
	SB9	HEAD 28	15	--	--	--	--	--	--	--
	SB9	PUSH BUTTON	--	--	--	--	--	--	--	6
	SB10	HEAD 1	21	--	--	--	--	--	--	--
	SB10	HEAD 11	--	22	--	--	--	--	--	--
	SB10	HEAD 29	15	--	--	--	--	--	--	--
	SB10	PUSH BUTTON	--	--	--	--	--	--	--	6
	SB11	HEAD 12	--	22	--	--	--	--	--	--
	SB11	HEAD 30	15	--	--	--	--	--	--	--
	SB11	HEAD 31	15	--	--	--	--	--	--	--
	SB11	PUSH BUTTON	--	--	--	--	--	--	--	6
	SB12	HEAD 4	--	22	--	--	--	--	--	--
	SB13	HEAD 8	75	--	--	--	--	--	--	--
	SB13	HEAD 9	75	--	--	--	--	--	--	--
	SB13	LUMINAIRE	--	--	--	--	--	144	--	--
	SB14	LUMINAIRE	--	--	--	--	--	117	--	--
	SB15	HEAD 14	--	22	--	--	--	--	--	--
	SB15	HEAD 17	21	--	--	--	--	--	--	--
	SB15	HEAD 21	15	--	--	--	--	--	--	--
SB15	PUSH BUTTON	--	--	--	--	--	--	--	6	
SB16	HEAD 32	15	--	--	--	--	--	--	--	
SB16	PUSH BUTTON	--	--	--	--	--	--	--	6	
SB17	HEAD 15	--	60	--	--	--	--	--	--	
SB17	HEAD 16	--	21	--	--	--	--	--	--	
SB17	HEAD 22	15	--	--	--	--	--	--	--	
SB17	PUSH BUTTON	--	--	--	--	--	--	--	6	
PROJECT TOTAL			554	2834	2660	1140	2495	927	1300	60

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.

++TRAFFIC SIGNAL EVP DETECTOR CABLE IS
MEASURED FROM CB1 TO THE DETECTOR HEAD.

**STH 36 & MAIN STREET
VILLAGE OF WATERFORD
RACINE COUNTY**

SIGNAL NO: S51-0585 **PAGE 7 OF 9**

SIGNAL NO: S51-0585

PAGE 7 OF 9

PROJECT NO: 2240-00-77

HWY: STH 36

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET NO PRE_197

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3

SIGNAL FACES															
		*	*			++	++	++	++	++	++	++	++	658.0416	+++
		658.0173	658.0174			TRAFFIC	TRAFIC	BACKPLATE	BACKPLATE	LED	LED	LED	LED	LED	LED
		SIGNAL	SIGNAL			3-SEC	4-SEC	RED	YELLOW	GREEN	RED	YELLOW	GREEN	PEDESTRIAN	LED MODULES
		FACE	FACE					BALL	BALL	BALL	ARROW	ARROW	ARROW	SIGNAL	COUNTDOWN
		3S 12-INCH	4S 12-INCH											16-INCH	TIMER 16"
LOCATION	SIG. BASE NO	SIG. HEAD NO	TYPE OF MOUNT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STH 36 & MAIN STREET	SB1	5	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1	--	--
	SB1	7	POST MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--	--	--
	SB1	23	PEDESTRIAN	--	--	--	--	--	--	--	--	--	--	1	1
	SB2	6	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1	--	--
	SB2	24	PEDESTRIAN	--	--	--	--	--	--	--	--	--	--	1	1
	SB2	25	PEDESTRIAN	--	--	--	--	--	--	--	--	--	--	1	1
	SB4	10	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1	--	--
	SB5	2	MONOTUBE ARM MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--	--	--
	SB5	3	MONOTUBE ARM MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--	--	--
	SB6	13	POST MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--	--	--
	SB6	18	POST MOUNT VERTICAL	--	1	--	1	1	1	1	--	--	1	--	--
	SB6	27	PEDESTRIAN	--	--	--	--	--	--	--	--	--	--	1	1
	SB7	26	PEDESTRIAN	--	--	--	--	--	--	--	--	--	--	1	1
	SB8	19	MONOTUBE ARM MOUNT VERTICAL	--	1	--	1	1	1	1	--	--	1	--	--
	SB8	20	MONOTUBE POLE MOUNT VERTICAL	--	1	--	1	1	1	1	--	--	1	--	--
	SB9	28	PEDESTRIAN	--	--	--	--	--	--	--	--	--	--	1	1
	SB10	1	POST MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--	--	--
	SB10	11	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1	--	--
	SB10	29	PEDESTRIAN	--	--	--	--	--	--	--	--	--	--	1	1
	SB11	12	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1	--	--
	SB11	30	PEDESTRIAN	--	--	--	--	--	--	--	--	--	--	1	1
	SB11	31	PEDESTRIAN	--	--	--	--	--	--	--	--	--	--	1	1
	SB12	4	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1	--	--
	SB13	8	MONOTUBE ARM MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--	--	--
	SB13	9	MONOTUBE ARM MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--	--	--
	SB15	14	POST MOUNT VERTICAL	--	1	--	1	1	1	1	--	--	1	--	--
	SB15	17	POST MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--	--	--
	SB15	21	PEDESTRIAN	--	--	--	--	--	--	--	--	--	--	1	1
	SB16	32	PEDESTRIAN	--	--	--	--	--	--	--	--	--	--	1	1
	SB17	15	MONOTUBE ARM MOUNT VERTICAL	--	1	--	1	1	1	1	--	--	1	--	--
	SB17	16	MONOTUBE POLE MOUNT VERTICAL	--	1	--	1	1	1	1	--	--	1	--	--
	SB17	22	PEDESTRIAN	--	--	--	--	--	--	--	--	--	--	1	1
PROJECT TOTAL				8	12	8	12	14	14	14	6	12	12	12	12

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS. ++INCIDENTAL TO ITEM 658.0173 OR 658.0174 +++INCIDENTAL TO ITEM 658.0416

STH 36 & MAIN STREET
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO: S51-0585 PAGE 8 OF 9

3

TRANSPORT AND INSTALL SF EVP DETECTOR HEADS
STH 36 & MAIN STREET

SPV.0105.03 TRANSPORT AND INSTALL SF EVP DETECTOR HEADS STH 36 & MAIN STREET	
LOCATION	LS
STH 36 & MAIN STREET	1
TOTAL	1

TRANSPORTING TRAFFIC SIGNAL AND INT LIGHTING MATL
STH 36 & MAIN STREET

SPV.0105.05 TRANSPORTING TRAFFIC SIGNAL AND INT LIGHTING MATL STH 36 & MAIN STREET	
LOCATION	LS
STH 36 & MAIN STREET	1
TOTAL	1

3

STH 36 & MAIN STREET
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO: S51-0585 PAGE 9 OF 9

3

SUMMARY OF STATE FURNISHED MATERIALS		
QUANTITY	UNIT	DESCRIPTION
1	EACH	POLES TYPE 10 SPECIAL
1	EACH	POLES OVER HEIGHT TYPE 10 SPECIAL
1	EACH	POLES TYPE 13
1	EACH	POLES OVER HEIGHT TYPE 13
1	EACH	MONOTUBE ARMS 40-FT
1	EACH	MONOTUBE ARMS 45-FT
2	EACH	MONOTUBE ARMS 50-FT
4	EACH	LUMINAIRE ARMS STEEL 15-FT
1	EACH	TRAFFIC SIGNAL CABINET
4	EACH	EVP DETECTOR HEADS

NOTE: THIS TABLE IS FOR INFORMATION ONLY.

REMOVAL QUANTITIES

LOCATION	ITEM NO.	* 204.0195 REMOVING CONCRETE BASES EACH	* 653.0905 REMOVING PULL BOXES EACH
STH 36 & STH 164/CTH K	SB1	1	--
	SB2	1	--
	SB3	1	--
	SB4	1	--
	SB5	1	--
	SB6	1	--
	SB7	1	--
	SB8	1	--
	SB9	1	--
	SB10	1	--
	SB11	1	--
	PB1	--	1
	PB2	--	1
	PB3	--	1
	PB4	--	1
	PB5	--	1
	PB6	--	1
	PB7	--	1
	PB8	--	1
	PB9	--	1
	PB10	--	1
	PB11	--	1
	PB12	--	1
	PB13	--	1
	PB14	--	1
	PB15	--	1
	PB16	--	1
	PB17	--	1
	PB18	--	1
	PB19	--	1
	PB20	--	1
	PB21	--	1
	CB1	1	--
PROJECT TOTALS		12	21

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.

CONDUIT ITEMS

LOCATION	FROM	TO	* 652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	* 652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	* 652.0605 CONDUIT SPECIAL 2-INCH LF	* 652.0615 CONDUIT SPECIAL 3-INCH LF
STH 36 & STH 164/CTH K	CB1	PB1	--	111	--	--
	PB1	SB1	12	--	--	--
	PB1	PB2	259	--	--	--
	PB2	PB3	180	--	--	--
	PB1	PB4	--	--	--	110
	PB4	PB5	--	--	--	54
	PB5	SB2	8	--	--	--
	PB5	PB6	--	--	--	112
	PB6	PB7	--	92	--	--
	PB7	SB3	--	15	--	--
	PB7	PB8	258	--	--	--
	PB8	PB9	184	--	--	--
	PB7	PB10	--	--	25	--
	PB10	SB4	8	--	--	--
	PB7	PB11	--	--	--	198
	PB11	SB5	--	24	--	--
	PB11	PB12	--	52	--	--
	PB12	SB6	10	--	--	--
	PB12	PB13	247	--	--	--
	PB13	PB14	178	--	--	--
	PB12	PB15	--	--	--	146
	PB15	SB7	10	--	--	--
	PB15	PB16	--	--	--	132
	PB16	SB8	--	7	--	--
	PB16	PB17	--	100	--	--
	PB17	PB18	224	--	--	--
	PB18	PB19	176	--	--	--
	PB17	PB20	--	--	36	--
	PB20	SB9	14	--	--	--
	PB17	PB21	--	--	--	168
	PB21	SB10	--	8	--	--
	PB21	CB1	--	51	--	--
PROJECT TOTAL			1768	460	61	920

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.

ALL ITEMS ARE CATEGORY 0010

STH 36 & STH 164/CTH K
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO: S51-0583 PAGE 1 OF 7

3

PULL BOXES					*	*
					653.0135 PULL BOXES STEEL 24" x 36" EACH	653.0140 PULL BOXES STEEL 24" x 42" EACH
LOCATION	PULL BOX NO.	ALIGNMENT	STATION	OFFSET		
STH 36 & STH 164/CTH K	PB1	STH 36	429+46	74.5' LT	--	1
	PB2	STH 36	432+05	74.5' LT	1	--
	PB3	STH 36	433+86	72.8' LT	1	--
	PB4	STH 36	429+46	19.5' LT	--	1
	PB5	STH 36	429+46	7.3' RT	--	1
	PB6	STH 36	429+47	63.0' RT	--	1
	PB7	STH 164-CTH K	940+29	58.2' LT	--	1
	PB8	STH 164-CTH K	942+85	21.3' LT	1	--
	PB9	STH 36	428+65	518' RT	1	--
	PB10	STH 164-CTH K	940+25	30.9' LT	--	1
	PB11	STH 164-CTH K	940+28	40.1' RT	--	1
	PB12	STH 36	427+84	61.3' RT	--	1
	PB13	STH 36	425+37	61.7' RT	1	--
	PB14	STH 36	423+59	61.2' RT	1	--
	PB15	STH 36	427+90	11.5' LT	--	1
	PB16	STH 36	427+93	77.1' LT	--	1
	PB17	STH 164-CTH K	938+36	35.9' RT	--	1
	PB18	STH 164-CTH K	936+15	30.0' RT	1	--
	PB19	STH 36	428+92	510.8' LT	1	--
	PB20	STH 164-CTH K	938+59	17.2' RT	--	1
	PB21	STH 164-CTH K	938+39	48.4' LT	--	1
PROJECT TOTAL					8	13

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.

REMOVING TRAFFIC SIGNALS STH 36 & STH 164/CTH K	
LOCATION	204.9105.S.02 REMOVING TRAFFIC SIGNALS STH 36 & STH 164/CTH K LS
STH 36 & STH 164/CTH K	1
TOTAL	1

REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE STH 36 & STH 164/CTH K	
LOCATION	204.9105.S.04 REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE STH 36 & STH 164/CTH K LS
STH 36 & STH 164/CTH K	1
TOTAL	1

3

CONCRETE BASES

					*	*	*	*	*
					654.0101	654.0102	SPV.0060.01	654.0113	654.0217
					CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE
					BASES	BASES	BASES	BASES	CONTROL CABINET
					TYPE 1	TYPE 2	TYPE 10	TYPE 13	BASE TYPE 9
							SPECIAL		SPECIAL
LOCATION	SIGNAL BASE NO.	ALIGNMENT	STATION	OFFSET	EACH	EACH	EACH	EACH	EACH
STH 36 & STH 164/CTH K	CB1	STH 164	938+54	56.9' LT	--	--	--	--	1
	SB1	STH 164	938+71	79.6' LT	1	--	--	--	--
	SB2	STH 164	939+52	88.6' LT	--	1	--	--	--
	SB3	STH 164	940+20	70.5' LT	--	--	--	1	--
	SB4	STH 164	940+12	31.5' LT	1	--	--	--	--
	SB5	STH 164	940+50	39.5' RT	--	--	1	--	--
	SB6	STH 164	940+16	53.2' RT	1	--	--	--	--
	SB7	STH 164	939+43	49.6' RT	--	1	--	--	--
	SB8	STH 164	938+83	66.6' RT	--	--	1	--	--
	SB9	STH 164	938+79	18.6' RT	1	--	--	--	--
	SB10	STH 164	938+47	50.9' LT	--	--	--	1	--
PROJECT TOTAL					4	2	2	2	1

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.

STH 36 & STH 164/CTH K
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO: S51-0583 PAGE 2 OF 7

3

3

SIGNAL BASES, POLES, AND MAST ARMS

LOCATION	SIGNAL BASE NO	* 657.0100 PEDESTAL BASE	* 657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE	* 657.0310 POLES TYPE 3	* 657.0425 TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT	* SPV.0060.03 INSTALL POLES TYPE 10 SPECIAL	* SPV.0060.04 INSTALL POLES OVER HEIGHT TYPE 10 SPECIAL	SPV.0060.05 INSTALL POLES TYPE 13	* SPV.0060.06 INSTALL POLES OVER HEIGHT TYPE 13	SPV.0060.09 INSTALL MONOTUBE ARMS 40-FT	* SPV.0060.10 INSTALL MONOTUBE ARMS 45-FT	* SPV.0060.11 INSTALL MONOTUBE ARMS 50-FT	* 657.0609 LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT	* SPV.0060.12 INSTALL LUMINAIRE ARMS STEEL 15-FT	* 659.1125 LUMINAIRE UTILITY LED C
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STH 36 & STH 164/CTH K	SB1	1	--	--	1	--	--	--	--	--	--	--	--	--	--
	SB2	--	1	1	--	--	--	--	--	--	--	--	2	--	2
	SB3	--	--	--	--	--	--	--	1	--	--	1	--	1	1
	SB4	1	--	--	1	--	--	--	--	--	--	--	--	--	--
	SB5	--	--	--	--	1	--	--	--	1	--	--	--	1	1
	SB6	1	--	--	1	--	--	--	--	--	--	--	--	--	--
	SB7	--	1	1	--	--	--	--	--	--	--	--	2	--	2
	SB8	--	--	--	--	--	1	--	--	--	1	--	--	1	1
	SB9	1	--	--	1	--	--	--	--	--	--	--	--	--	--
	SB10	--	--	--	--	--	--	1	--	--	--	1	--	1	1
PROJECT TOTALS		4	2	2	4	1	1	1	1	1	1	2	4	4	8

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.

ELECTRICAL SERVICE METER BREAKER PEDESTAL

656.0200.02 ELECTRICAL SERVICE METER BREAKER PEDESTAL STH 36 & STH 164/CTH K	
LOCATION	LS
STH 36 & STH 164/CTH K	1
TOTAL	1

TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS

661.0200.02 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS STH 36 & STH 164/CTH K	
LOCATION	LS
STH 36 & STH 164/CTH K	1
TOTAL	1

SIGNAL MOUNTING HARDWARE

658.5069.02 SIGNAL MOUNTING HARDWARE STH 36 & STH 164/CTH K	
LOCATION	LS
STH 36 & STH 164/CTH K	1
TOTAL	1

STH 36 & STH 164/CTH K
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO: S51-0583 PAGE 3 OF 7

TRAFFIC DETECTOR LOOPS									*	*	*
LOCATION	LOOP NO.	HOME RUN PB	ALIGNMENT	** STATION/OFFSET	SIZE	SDD INSTALLATION REFERENCE	NO. OF TURNS	PAVEMENT TYPE	652.0800 CONDUIT LOOP DETECTOR	655.0700 LOOP DETECTOR LEAD IN CABLE	655.0800 LOOP DETECTOR WIRE
									LF	LF	LF
STH 57 & CTH A/CTH H	21	PB3	STH 36	433+85, 37' LT	6'X8'	9F15-4A	5	ASPHALT	70	485	194
	22	PB3	STH 36	433+85, 48' LT	6'X8'	9F15-4A	5	ASPHALT	94	485	218
	23	PB2	STH 36	432+05, 50' LT	6'X6'	9F15-4B	5	ASPHALT	66	305	174
	24	PB2	STH 36	432+05, 38' LT	6'X6'	9F15-4B	5	ASPHALT	90	305	198
	25	PB5	STH 36	429+58, 6' LT	6'X20'	9F15-4A	3	ASPHALT	84	127	200
	26	PB5	STH 36	429+30, 7' LT	6'X20'	9F15-4A	3	ASPHALT	76	127	192
	41	PB19	STH 36	429+13, 507' LT	6'X10'	9F15-4A	5	ASPHALT	64	509	204
	42	PB18	STH 164	936+15, 9' RT	6'X6'	9F15-4B	5	ASPHALT	56	333	164
	43	PB20	STH 164	938+54, 7' RT	6'X20'	9F15-4A	3	ASPHALT	74	140	190
	44	PB20	STH 164	938+81, 7' RT	6'X20'	9F15-4A	3	ASPHALT	70	140	186
	45	PB20	STH 164	938+51, 5' LT	6'X20'	9F15-4B	3	ASPHALT	92	140	208
	46	PB20	STH 164	938+79, 5' LT	6'X20'	9F15-4B	3	ASPHALT	90	140	206
	61	PB14	STH 36	423+58, 28' RT	6'X16'	9F15-4A	5	ASPHALT	80	724	268
	62	PB14	STH 36	423+58, 39' RT	6'X16'	9F15-4A	5	ASPHALT	104	724	292
	63	PB13	STH 36	425+36, 28' RT	6'X10'	9F15-4B	5	ASPHALT	68	546	208
	64	PB13	STH 36	425+36, 40' RT	6'X10'	9F15-4B	5	ASPHALT	92	546	232
	65	PB15	STH 36	427+72, 3' RT	6'X20'	9F15-4A	3	ASPHALT	94	227	210
	66	PB15	STH 36	428+00, 4' RT	6'X20'	9F15-4A	3	ASPHALT	84	227	200
	81	PB9	STH 164	428+52, 518' RT	6'X14'	9F15-4A	5	ASPHALT	58	672	230
	82	PB8	STH 164	942+86, 9' LT	6'X8'	9F15-4A	5	ASPHALT	46	489	170
	83	PB10	STH 164	940+35, 19' LT	6'X20'	9F15-4A	3	ASPHALT	78	256	194
	84	PB10	STH 164	940+07, 19' LT	6'X20'	9F15-4A	3	ASPHALT	70	256	186
	85	PB10	STH 164	940+48, 6' LT	6'X20'	9F15-4B	3	ASPHALT	116	256	232
	86	PB10	STH 164	940+20, 6' LT	6'X20'	9F15-4B	3	ASPHALT	106	256	222
TOTAL									1922	8415	4978

NOTES: FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD
SDD 9F15-4A: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 1)
SDD 9F15-4B: LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPlice) BOX OFF ROADWAY (OPTION 2)

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.
**LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.

TRANSPORT AND INSTALL SF TRAFFIC SIGNAL CABINET
STH 36 & STH 164/CTH K

SPV.0105.02
TRANSPORT AND INSTALL SF
TRAFFIC SIGNAL CABINET
STH 36 & STH 164/CTH K

LOCATION	LS
STH 36 & STH 164/CTH K	1
TOTAL	1

TRANSPORT AND INSTALL SF EVP DETECTOR HEADS
STH 36 & STH 164/CTH K

SPV.0105.04
TRANSPORT AND INSTALL
SF EVP DETECTOR HEADS
STH 36 & STH 164/CTH K

LOCATION	LS
STH 36 & STH 164/CTH K	1
TOTAL	1

STH 36 & STH 164/CTH K
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO: S51-0583 PAGE 4 OF 7

3

3

			*	*	*	*	*	*	*, ++
			655.0230	655.0240	655.0260	655.0320	655.0515	655.0610	655.0900
			CABLE	CABLE	CABLE	CABLE TYPE	ELECTRICAL	ELECTRICAL	TRAFFIC
			TRAFFIC	TRAFFIC	TRAFFIC	TYPE UF	WIRE TRAFFIC	WIRE	SIGNAL EVP
			SIGNAL	SIGNAL	SIGNAL	2-10 AWG	SIGNALS	LIGHTING	DETECTOR
			5-14 AWG	7-14 AWG	12-14 AWG	GROUND	10 AWG	12 AWG	CABLE
LOCATION	FROM	TO	LF	LF	LF	LF	LF	LF	LF
STH 36 & STH 164/CTH K	CB1	SB1	--	--	65	--	65	--	--
	CB1	SB2	--	--	174	174	--	--	--
	CB1	SB3	--	315	--	--	--	--	417
	CB1	SB4	--	--	345	--	--	--	--
	CB1	SB5	--	--	444	--	--	--	540
	CB1	SB6	--	--	385	--	--	--	--
	CB1	SB7	--	--	295	--	--	--	--
	CB1	SB8	--	208	--	--	--	--	293
	CB1	SB9	--	--	198	--	--	--	--
	CB1	SB10	--	--	39	39	39	--	115
	SB1	SB2	--	--	--	--	145	--	--
	SB2	SB3	--	--	--	171	171	--	--
	SB3	SB4	--	--	--	--	75	--	--
	SB3	SB5	--	--	--	174	--	--	--
	SB4	SB5	--	--	--	--	205	--	--
	SB5	SB6	--	--	--	--	88	--	--
	SB6	SB7	--	--	--	--	124	--	--
	SB7	SB8	--	--	--	113	113	--	--
	SB8	SB9	--	--	--	--	151	--	--
	SB8	SB10	--	--	--	198	--	--	--
	SB9	SB10	--	--	--	--	189	--	--
	PB1	SB1	--	--	--	--	25	--	--
	PB4	SB2	--	--	--	--	50	--	--
	PB5	SB2	--	--	--	--	21	--	--
	PB6	SB3	--	--	--	--	78	--	--
	PB7	SB3	--	--	--	--	28	--	--
	PB10	SB4	--	--	--	--	21	--	--
	PB11	SB5	--	--	--	--	37	--	--
	PB12	SB6	--	--	--	--	23	--	--
	PB15	SB7	--	--	--	--	23	--	--
PB16	SB8	--	--	--	--	20	--	--	
PB17	SB9	--	--	--	--	65	--	--	
PB20	SB9	--	--	--	--	27	--	--	
PB21	SB10	--	--	--	--	21	--	--	

(CONTINUED ON NEXT PAGE)

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.

++TRAFFIC SIGNAL EVP DETECTOR CABLE IS
MEASURED FROM CB1 TO THE DETECTOR HEAD.

**STH 36 & STH 164/CTH K
VILLAGE OF WATERFORD
RACINE COUNTY**

SIGNAL NO: S51-0583 **PAGE 5 OF 7**

SIGNAL NO: S51-0583 PAGE 5 OF 7

PROJECT NO: 2240-00-77

HWY: STH 36

COUNTY: RACINE

MISCELLANEOUS QUANTITIES

SHEET NO PRE 204 **E**

PLOT DATE : 11/14/2019 4:43 PM

PLOT BY :

PLOT NAME : 030201_mq

PLOT SCALE : 1.000000:1.000000

WISDOT / CADDSS SHEET 42

TRAFFIC SIGNAL CABLE AND ELECTRICAL WIRE (CONTINUED FROM PREVIOUS PAGE)									
			*	*	*	*	*	*	*, ++
			#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	655.0900
			CABLE	CABLE	CABLE	CABLE TYPE	ELECTRICAL	ELECTRICAL	TRAFFIC
			TRAFFIC	TRAFFIC	TRAFFIC	TYPE UF	WIRE TRAFFIC	WIRE	SIGNAL EVP
			SIGNAL	SIGNAL	SIGNAL	2-10 AWG	SIGNALS	LIGHTING	DETECTOR
			5-14 AWG	7-14 AWG	12-14 AWG	GROUND	10 AWG	12 AWG	CABLE
LOCATION	FROM	TO	LF	LF	LF	LF	LF	LF	LF
STH 36 & STH 164/CTH K	SB1	HEAD 5	22	--	--	--	--	--	--
	SB1	HEAD 7	--	21	--	--	--	--	--
	SB2	HEAD 6	--	22	--	--	--	--	--
	SB2	HEAD 10	--	22	--	--	--	--	--
	SB2	LUMINAIRE	--	--	--	--	--	234	--
	SB3	HEAD 2	75	--	--	--	--	--	--
	SB3	HEAD 3	75	--	--	--	--	--	--
	SB3	LUMINAIRE		--	--	--	--	144	--
	SB4	HEAD 13	21	--	--	--	--	--	--
	SB4	HEAD 21	--	22	--	--	--	--	--
	SB5	HEAD 19	65	--	--	--	--	--	--
	SB5	HEAD 20	21	--	--	--	--	--	--
	SB5	HEAD 22	65	--	--	--	--	--	--
	SB5	LUMINAIRE	--	--	--	--	--	144	--
	SB6	HEAD 1	21	--	--	--	--	--	--
	SB6	HEAD 11	--	22	--	--	--	--	--
	SB7	HEAD 4	--	22	--	--	--	--	--
	SB7	HEAD 12	--	22	--	--	--	--	--
	SB7	LUMINAIRE	--	--	--	--	--	234	--
	SB8	HEAD 8	70	--	--	--	--	--	--
	SB8	HEAD 9	70	--	--	--	--	--	--
	SB8	LUMINAIRE		--	--	--	--	144	--
	SB9	HEAD 16	--	22	--	--	--	--	--
	SB9	HEAD 18	21	--	--	--	--	--	--
	SB10	HEAD 14	75	--	--	--	--	--	--
	SB10	HEAD 15	21	--	--	--	--	--	--
	SB10	HEAD 17	--	75	--	--	--	--	--
	SB10	LUMINAIRE	--	--	--	--	--	144	--
PROJECT TOTAL			622	773	1945	869	1804	1044	1365

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS.
++TRAFFIC SIGNAL EVP DETECTOR CABLE IS MEASURED FROM CB1 TO THE DETECTOR HEAD.

STH 36 & STH 164/CTH K
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO: S51-0583 PAGE 6 OF 7

3

3

SIGNAL FACES													
				*	*								
				658.0173	658.0174	++	++	++	++	++	++	++	++
				TRAFFIC	TRAFIC	BACKPLATE	BACKPLATE	LED	LED	LED	LED	LED	LED
				SIGNAL	SIGNAL	3-SEC	4-SEC	RED	YELLOW	GREEN	RED	YELLOW	GREEN
				FACE	FACE								
				3S 12-INCH	4S 12-INCH								
LOCATION	SIG. BASE NO	SIG. HEAD NO	TYPE OF MOUNT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
STH 36 & STH 164/CTH K	SB1	5	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1
	SB1	7	POST MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--
	SB2	6	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1
	SB2	10	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1
	SB3	2	MONOTUBE ARM MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--
	SB3	3	MONOTUBE ARM MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--
	SB4	13	POST MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--
	SB4	21	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1
	SB5	19	MONOTUBE ARM MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--
	SB5	20	MONOTUBE POLE MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--
	SB5	22	MONOTUBE ARM MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1
	SB6	1	POST MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--
	SB6	11	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1
	SB7	4	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1
	SB7	12	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1
	SB8	8	MONOTUBE ARM MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--
	SB8	9	MONOTUBE ARM MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--
	SB9	16	POST MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1
	SB9	18	POST MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--
	SB10	14	MONOTUBE ARM MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--
	SB10	15	MONOTUBE POLE MOUNT VERTICAL	1	--	1	--	1	1	1	--	--	--
	SB10	17	MONOTUBE ARM MOUNT VERTICAL	--	1	--	1	--	--	--	1	2	1
PROJECT TOTAL				12	10	12	10	12	12	12	10	20	10

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS. ++INCIDENTAL TO ITEM 658.0173 OR 658.0174

TRANSPORTING TRAFFIC SIGNAL AND INT LIGHTING MATL
STH 36 & STH 164/CTH K

SPV.0105.06
TRANSPORTING TRAFFIC SIGNAL
AND INT
LIGHTING MATL
STH 36 & STH 164/CTH K

LOCATION	LS
STH 36 & STH 164/CTH K	1
TOTAL	1

STH 36 & STH 164/CTH K
VILLAGE OF WATERFORD
RACINE COUNTY

SIGNAL NO: S51-0583 PAGE 7 OF 7

3

TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS

661.0200.03
TEMPORARY TRAFFIC SIGNALS
FOR INTERSECTIONS
STH 36/83 & CTH D

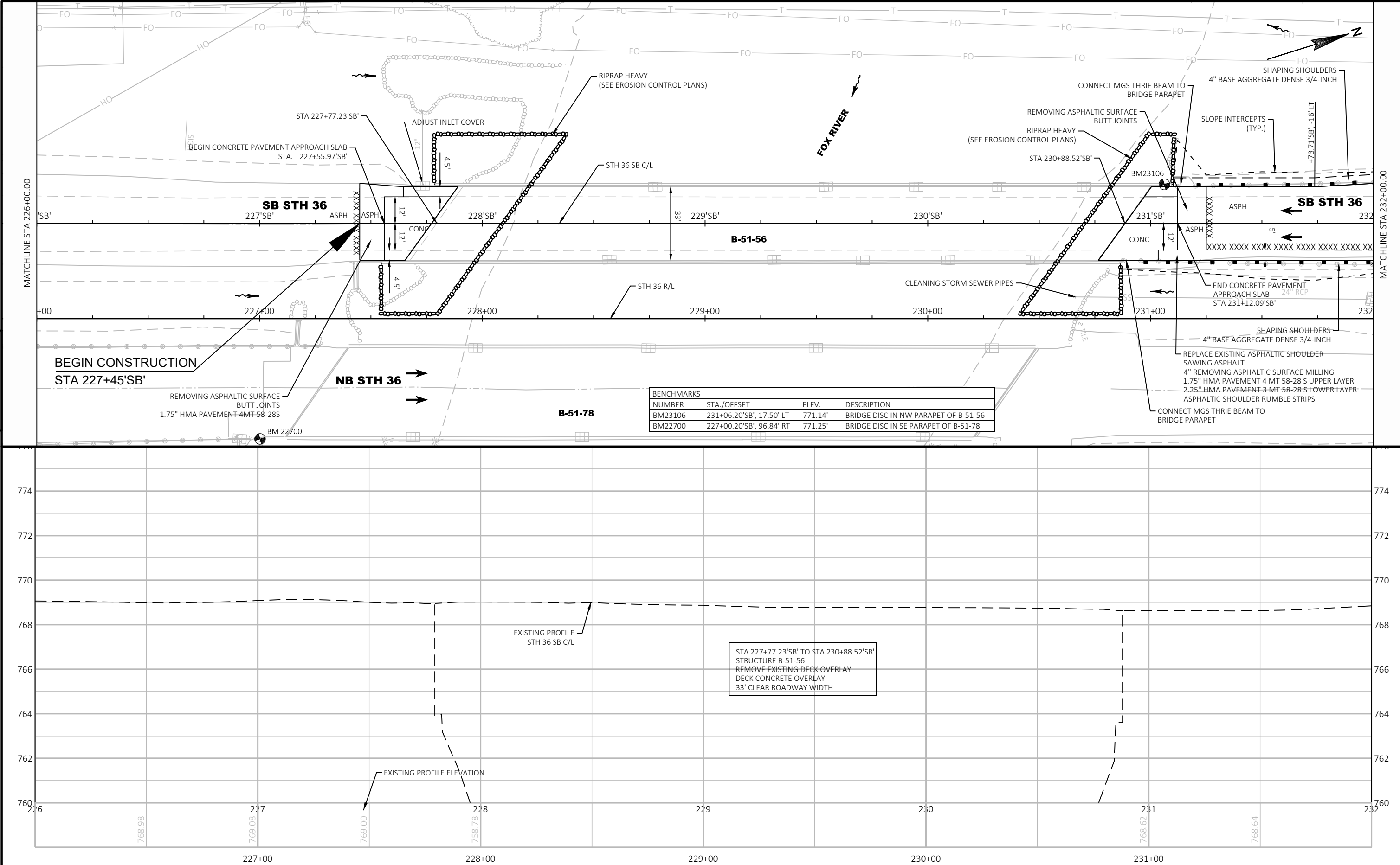
LOCATION	LS
STH 36/83 & CTH D	1
TOTAL	1

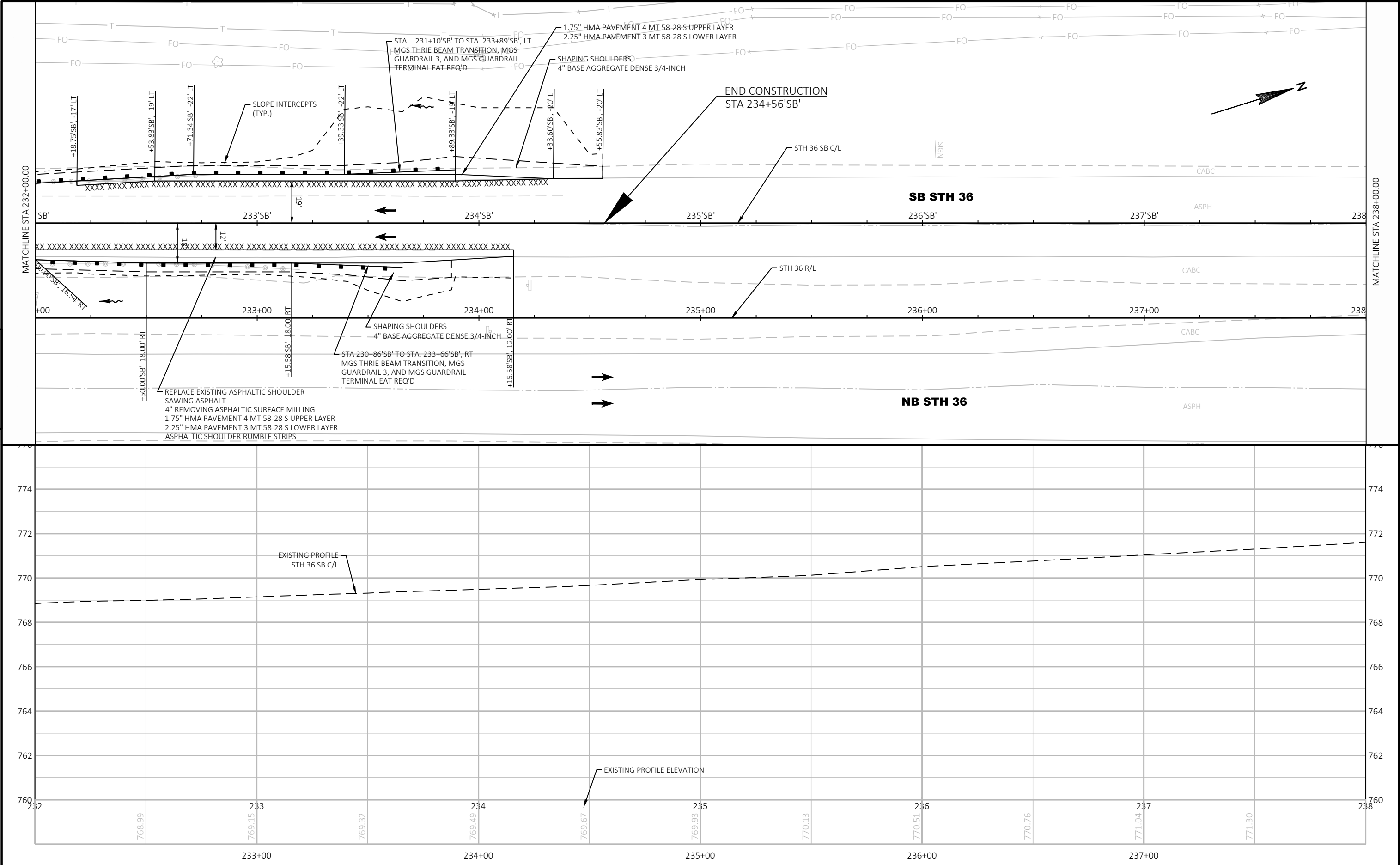
3

STH 36/83 & CTH D
TOWN OF ROCHESTER
RACINE COUNTY

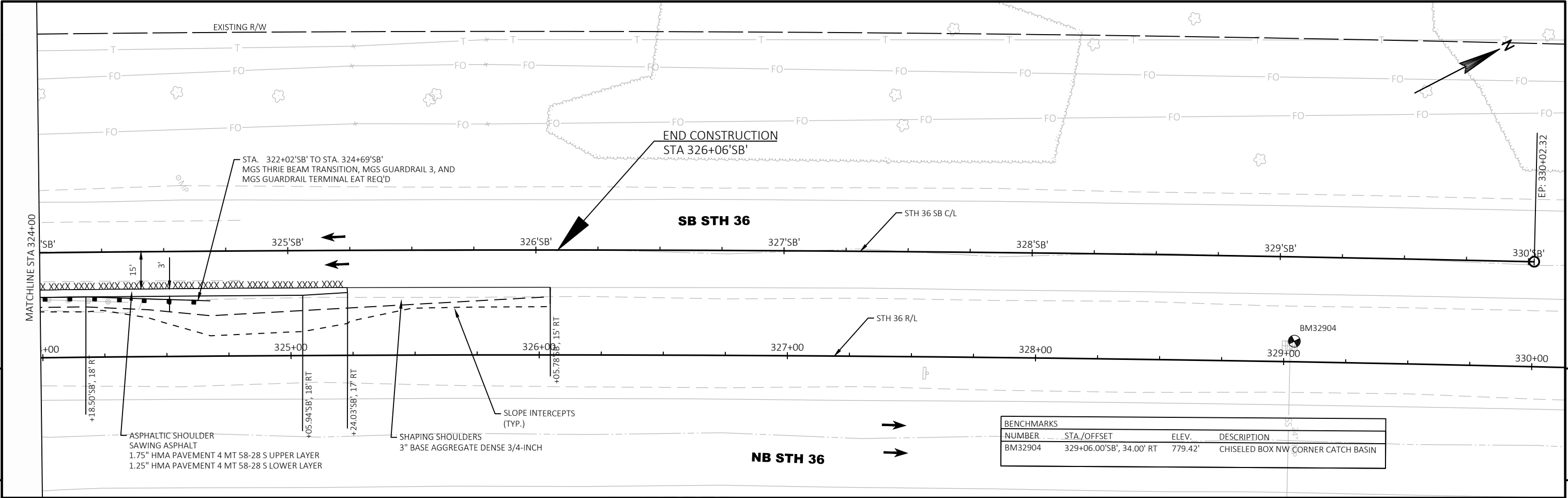
ALL ITEMS ARE CATEGORY 0010

SIGNAL NO: S51-0640 PAGE 1 OF 1

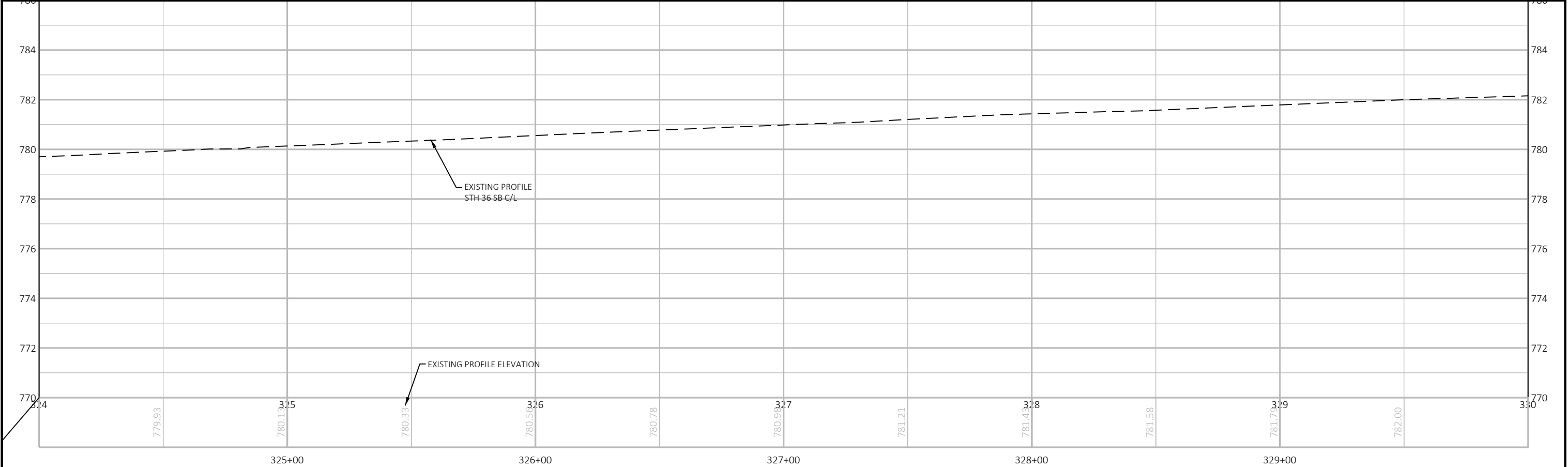




5



5

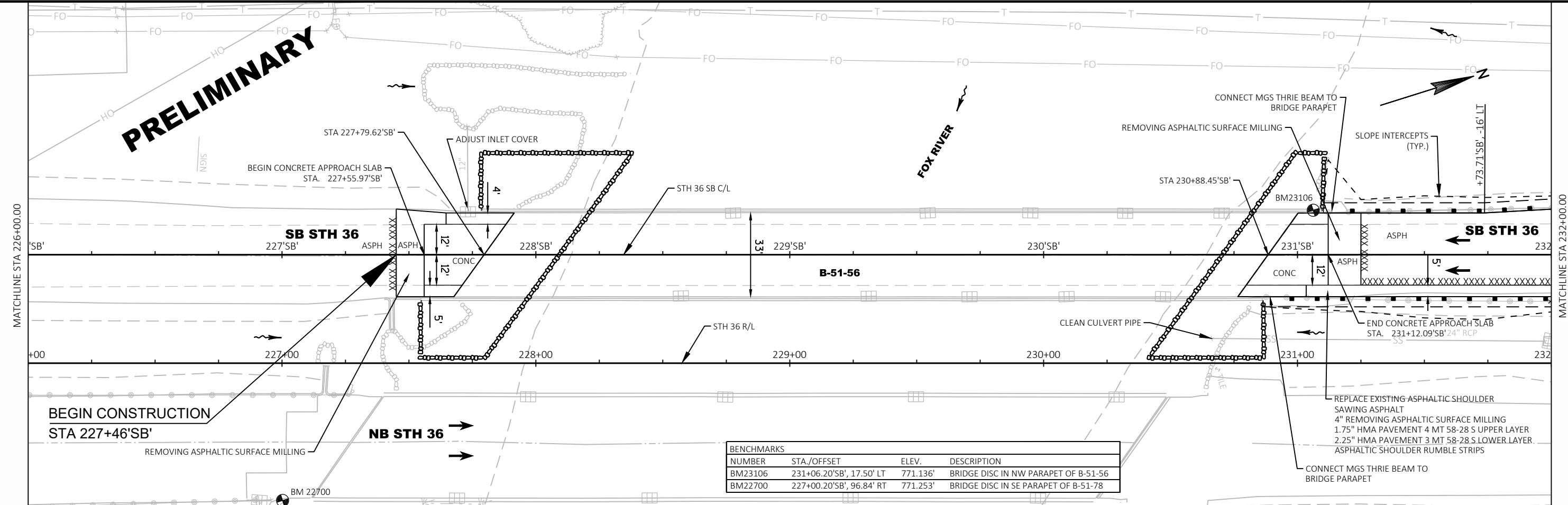


PROJECT NO: 2240-00-77	HWY: STH 36	COUNTY: RACINE	PLAN AND PROFILE: B-51-57 APPROACHES	SHEET	E
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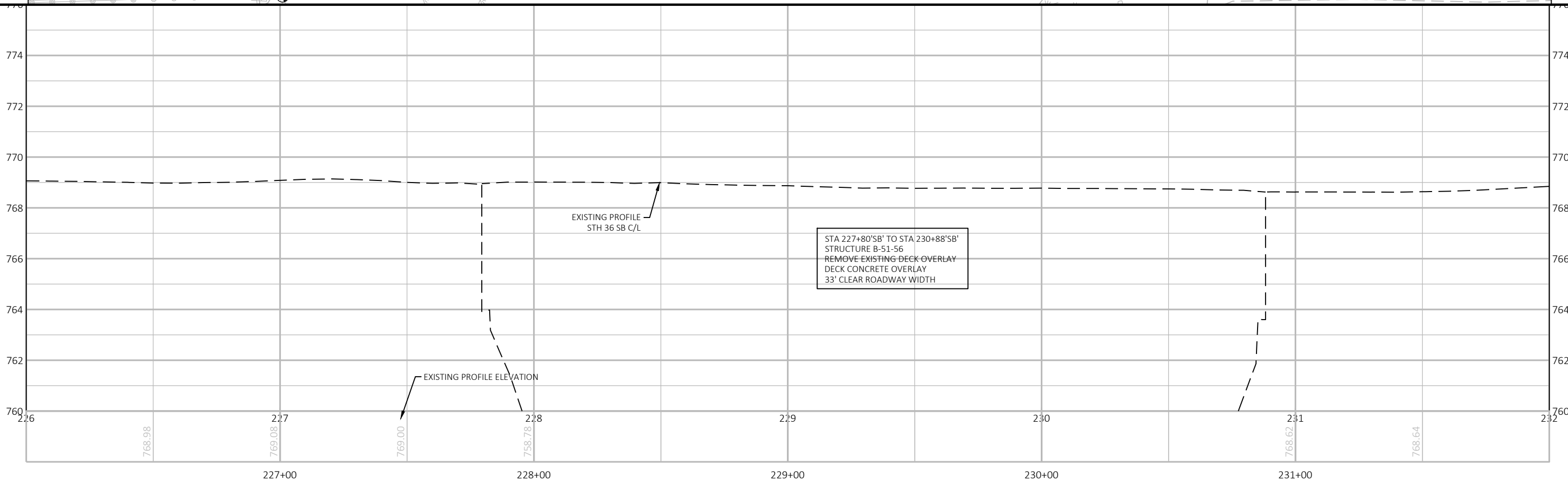
PRELIMINARY

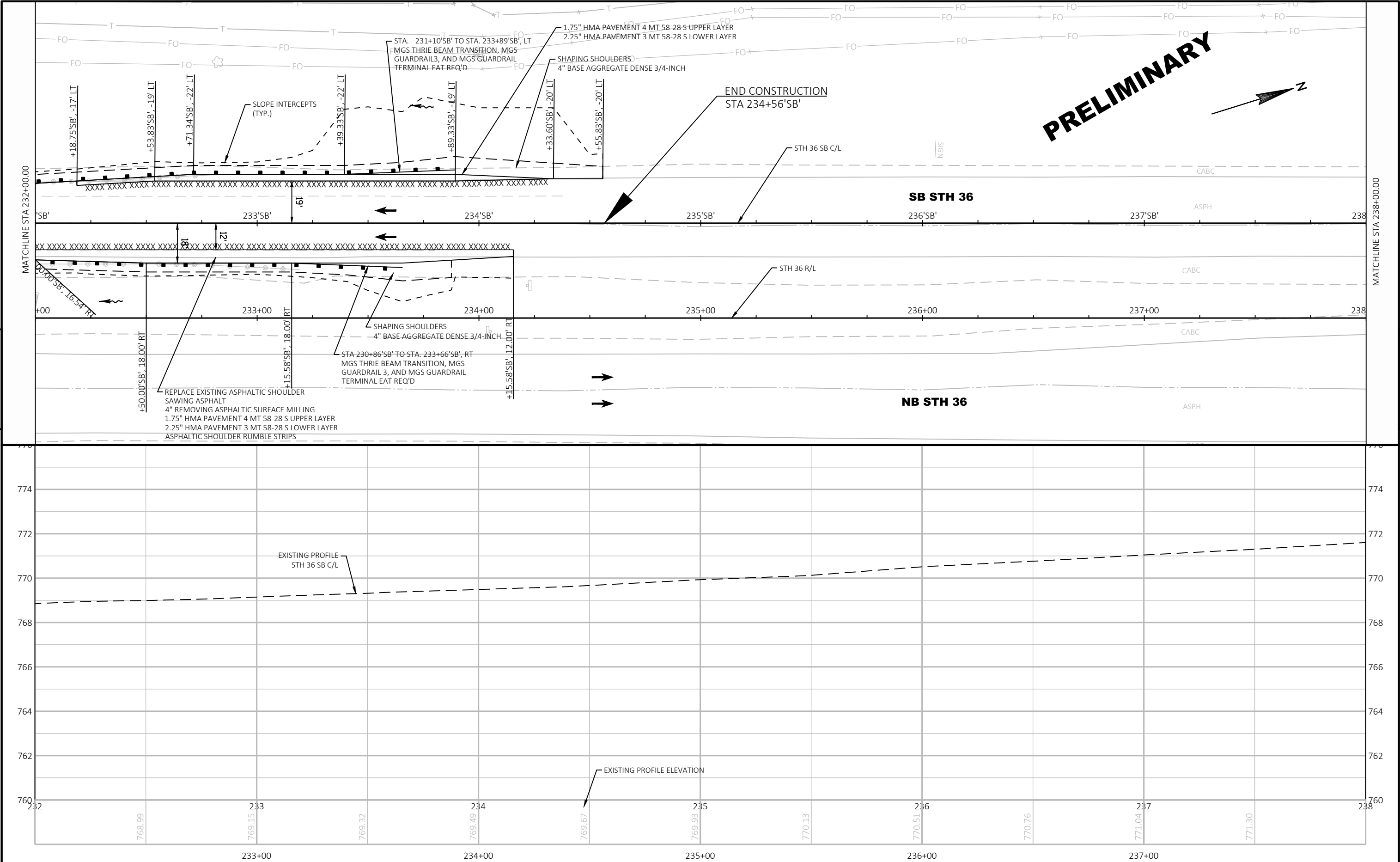
FOX RIVER

N

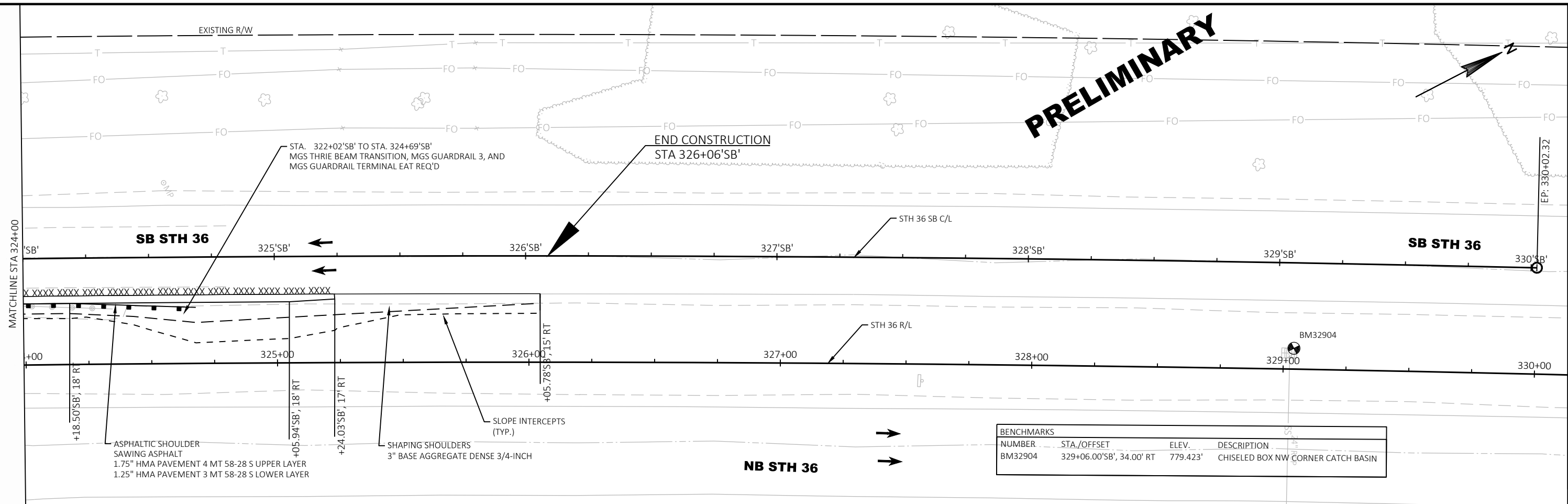


BENCHMARKS			
NUMBER	STA./OFFSET	ELEV.	DESCRIPTION
BM23106	231+06.20'SB', 17.50' LT	771.136'	BRIDGE DISC IN NW PARAPET OF B-51-56
BM22700	227+00.20'SB', 96.84' RT	771.253'	BRIDGE DISC IN SE PARAPET OF B-51-78

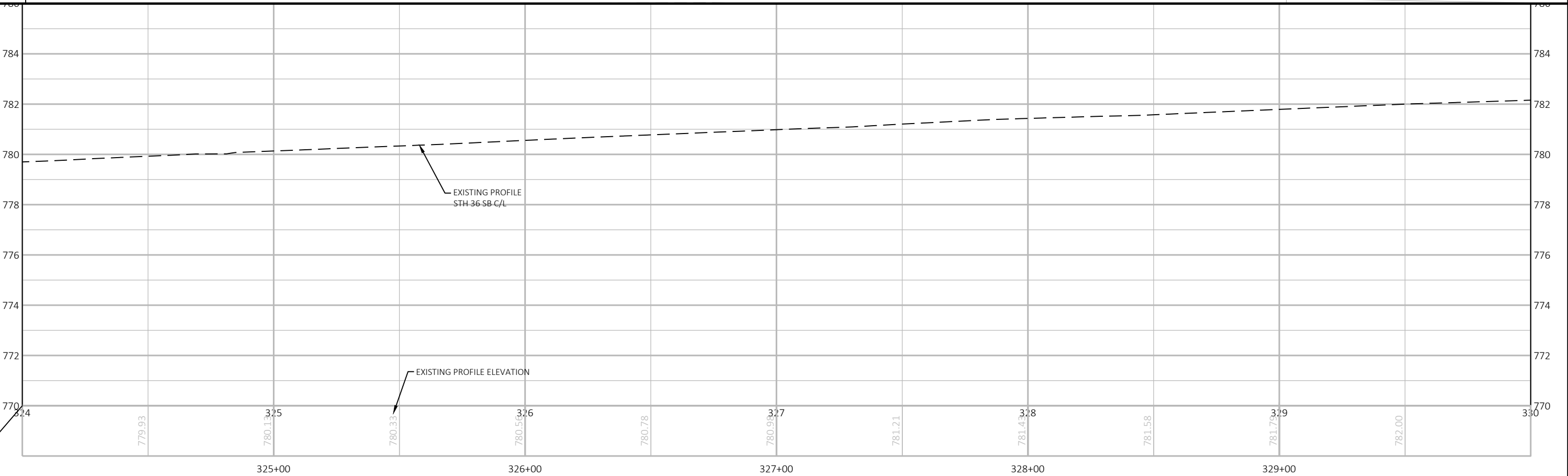


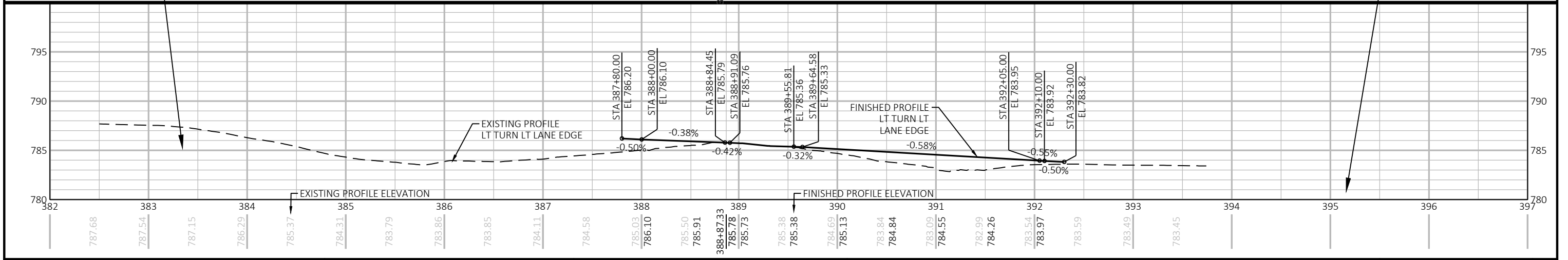
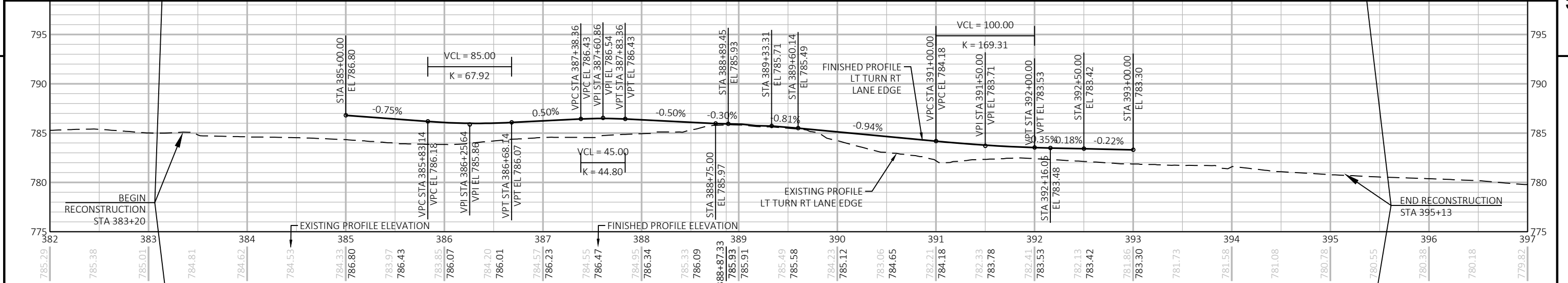
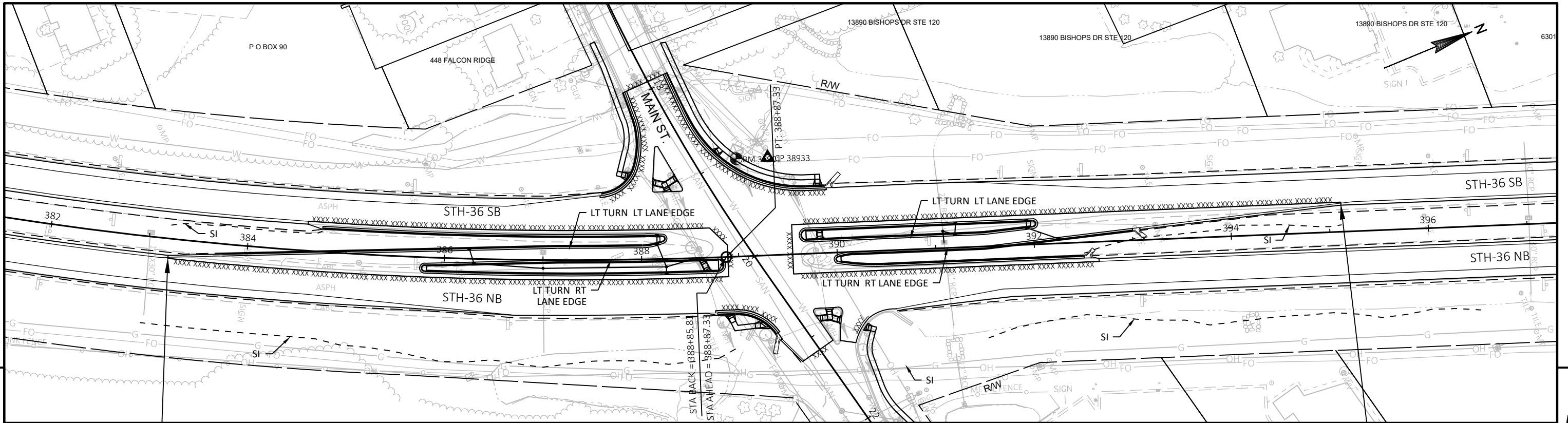


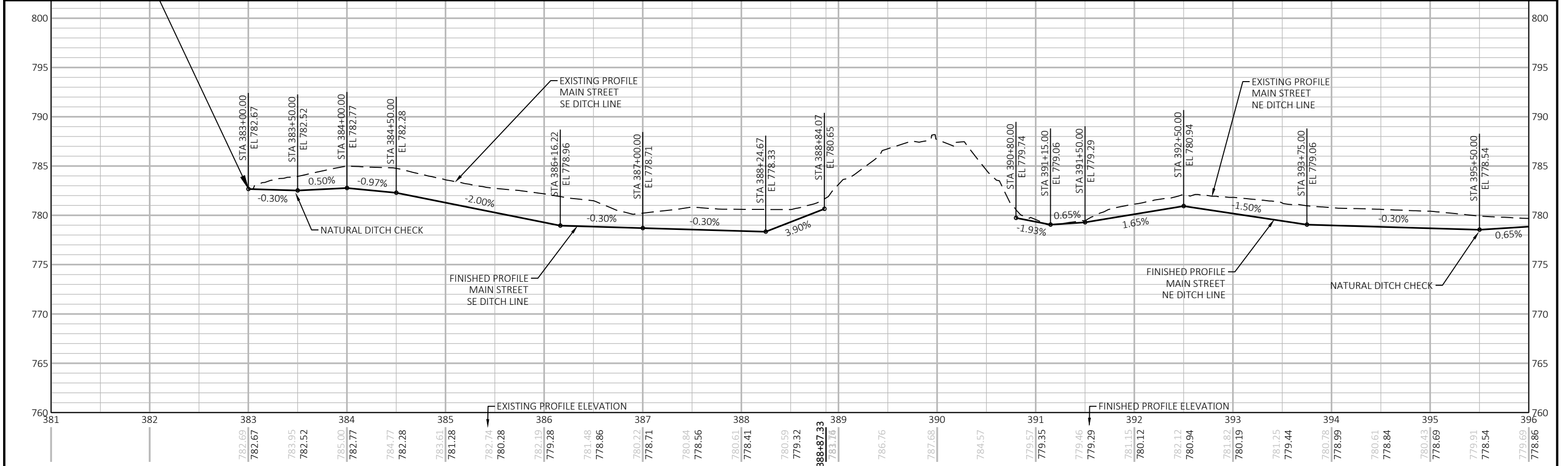
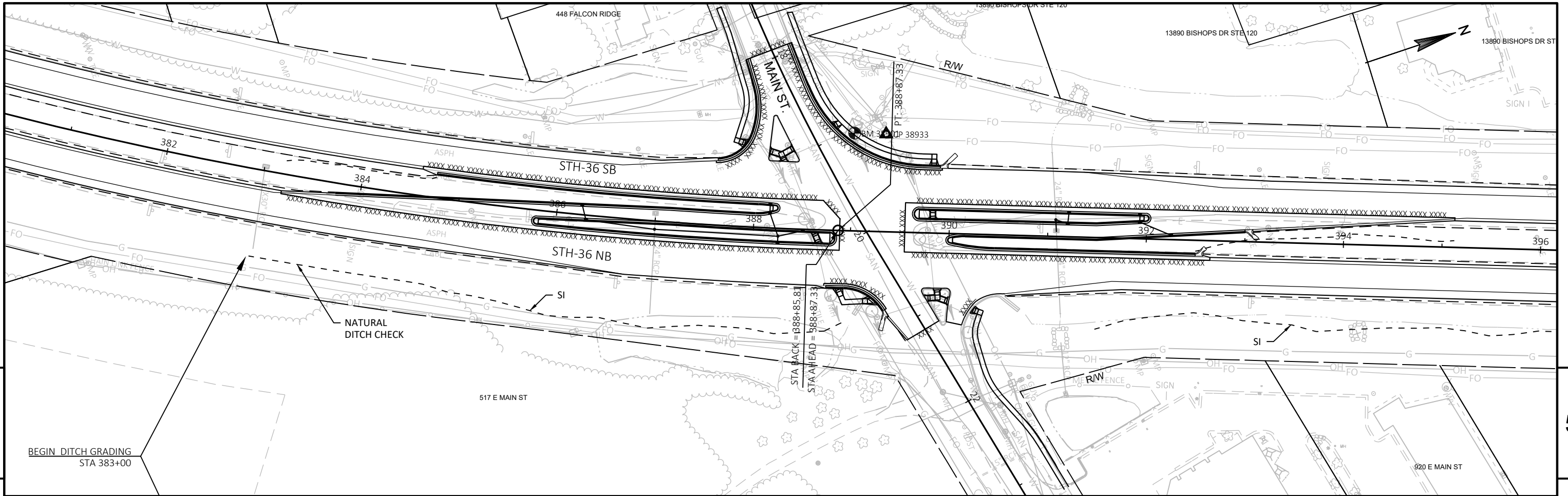
PRELIMINARY



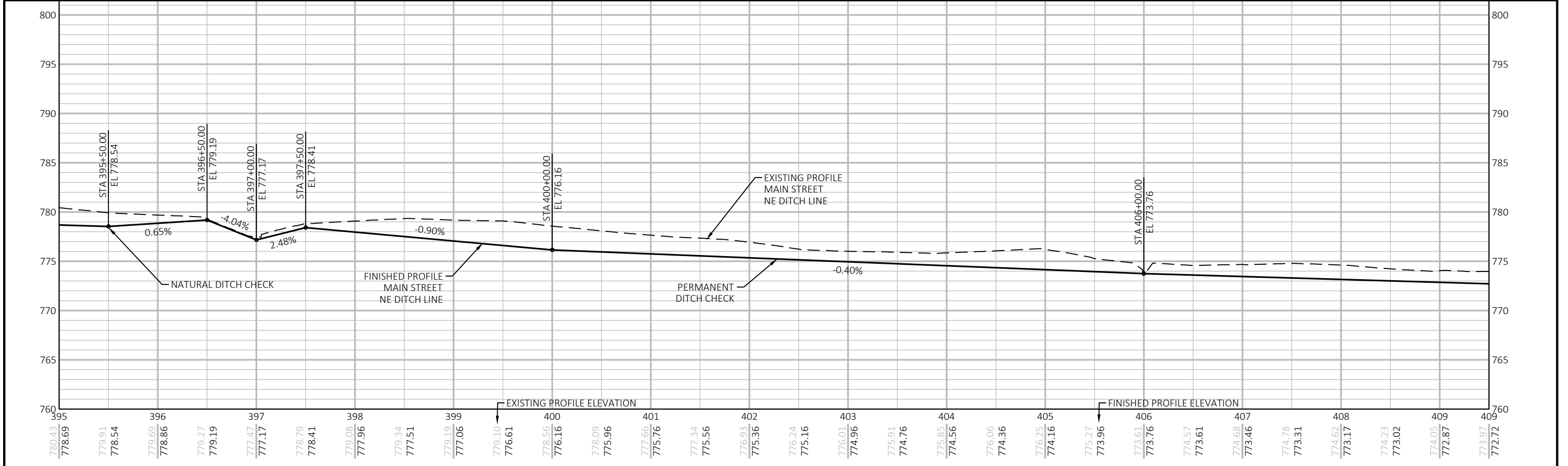
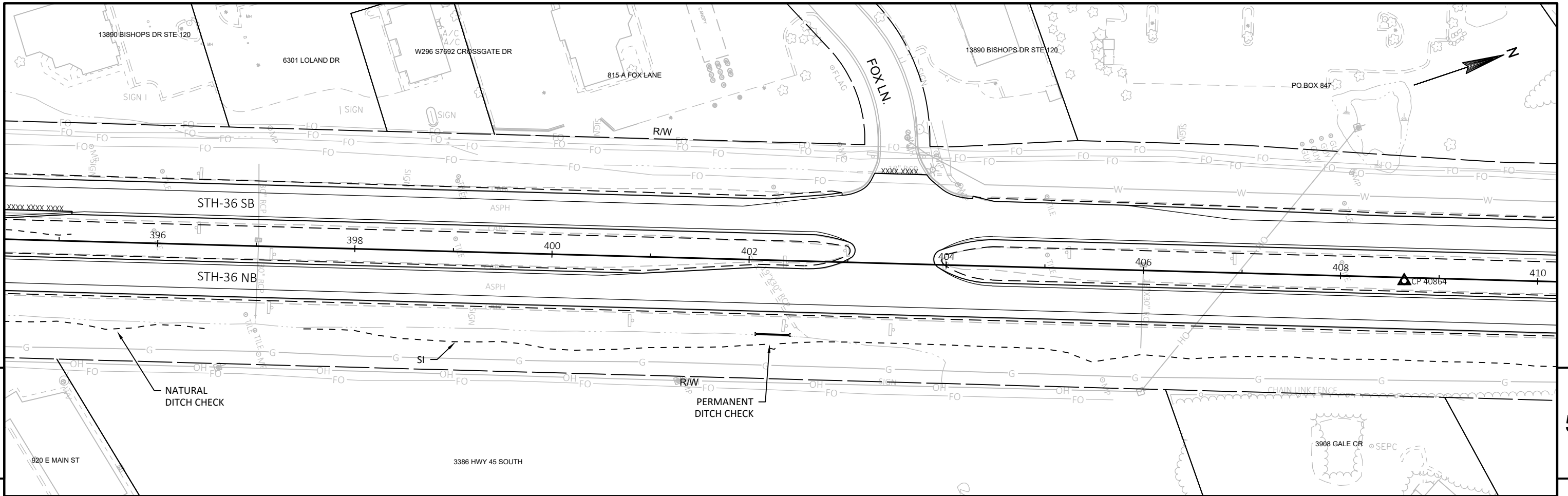
BENCHMARKS			
NUMBER	STA./OFFSET	ELEV.	DESCRIPTION
BM32904	329+06.00'SB', 34.00' RT	779.423'	CHISELED BOX NW CORNER CATCH BASIN

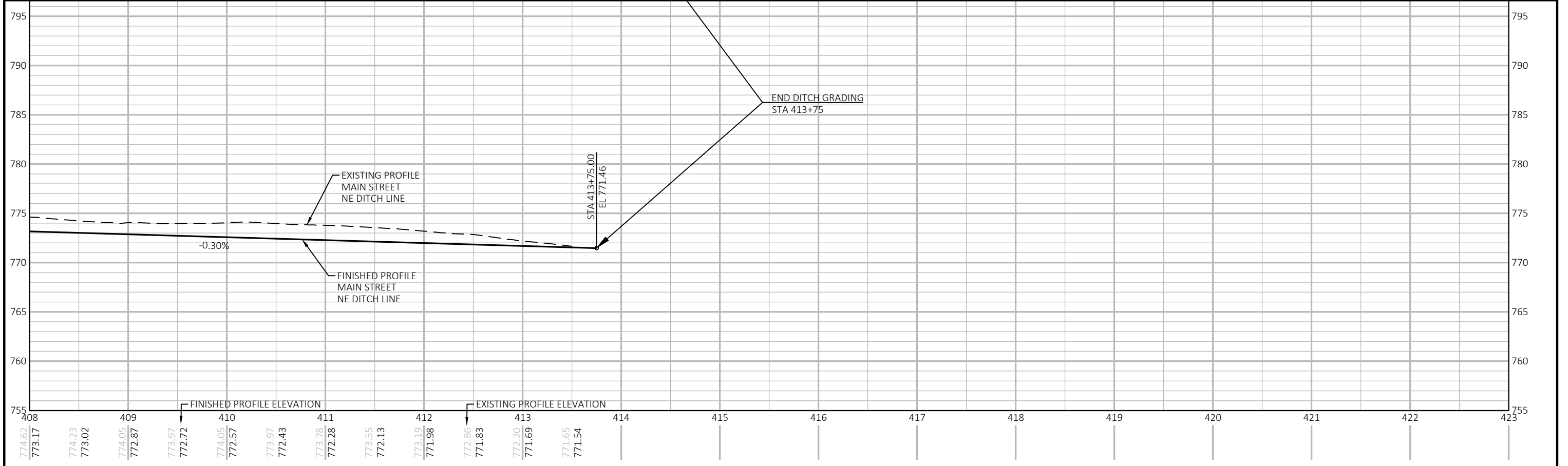
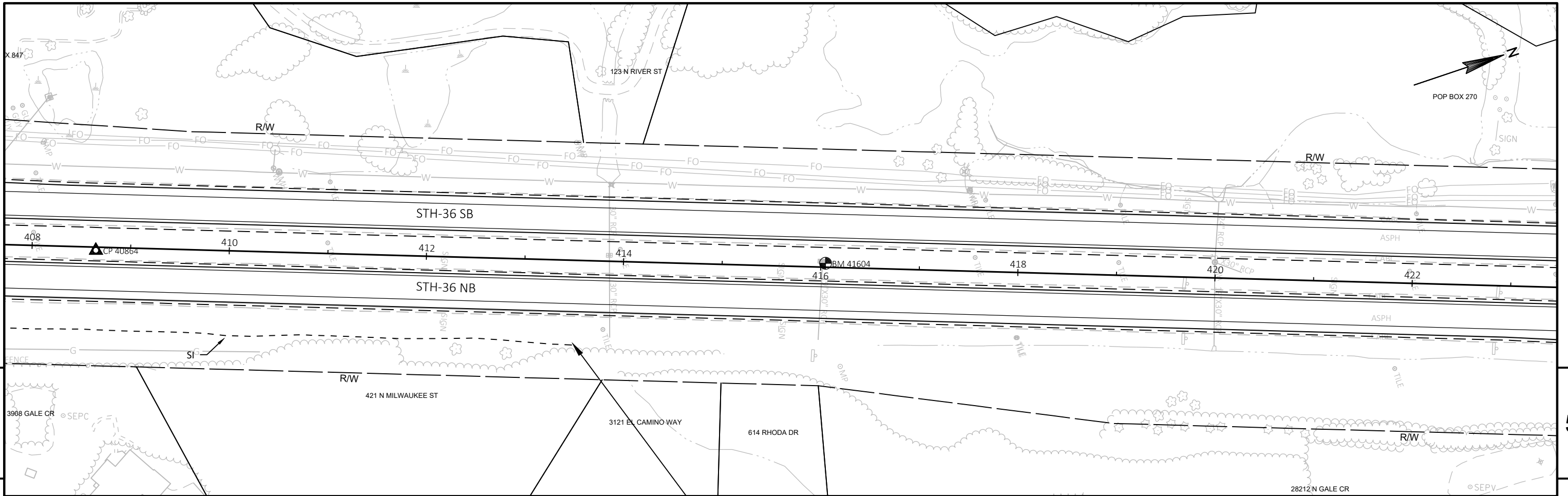




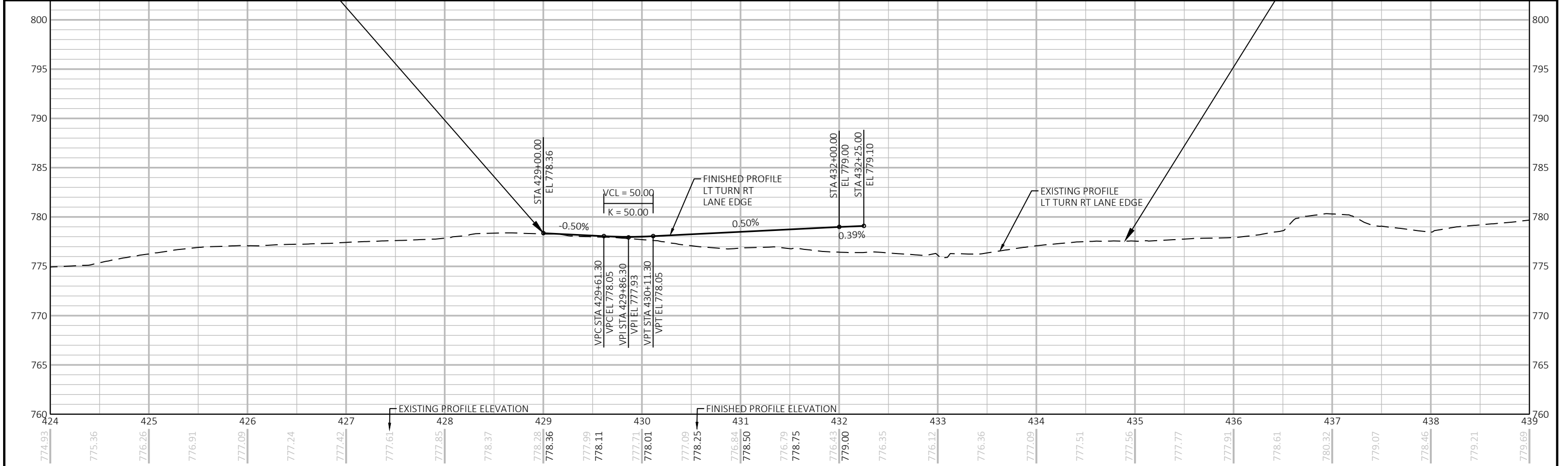
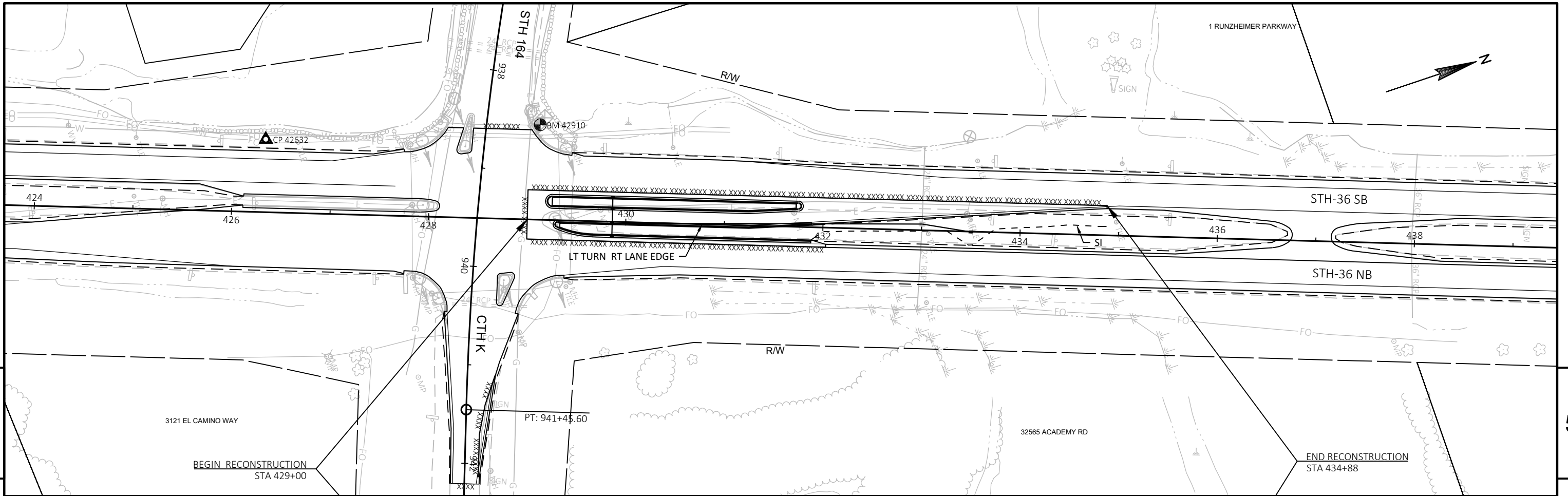


PROJECT NO: 2240-00-77	HWY: STH 36	COUNTY: RACINE	PLAN AND PROFILE: STH 36 OUTSIDE DITCH	SHEET PRE_217 E
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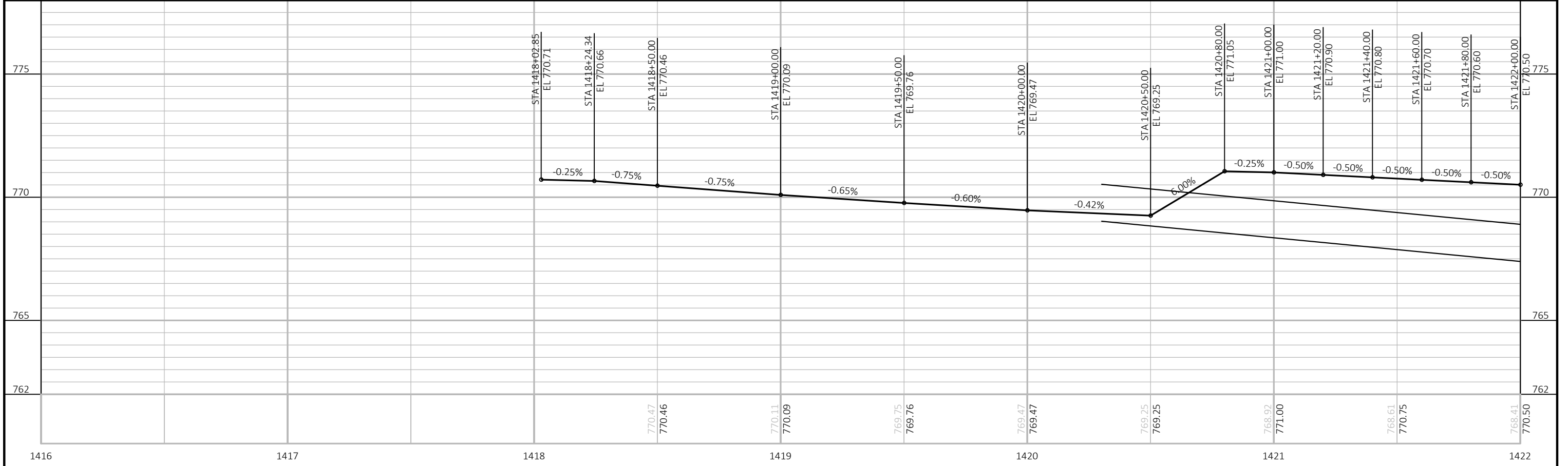
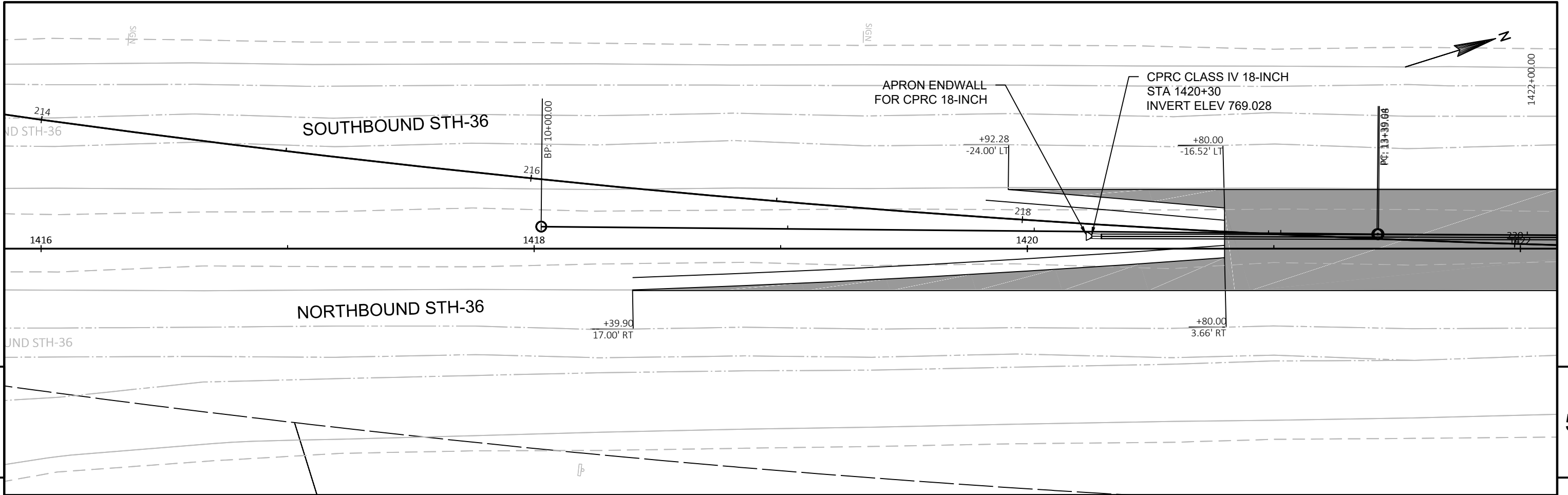


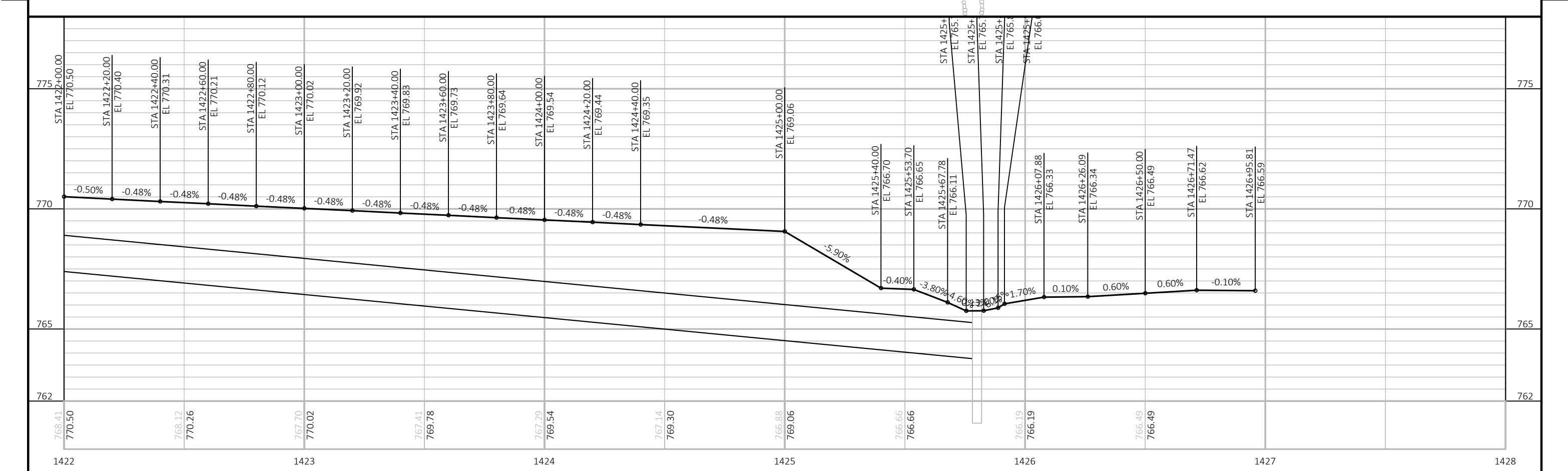
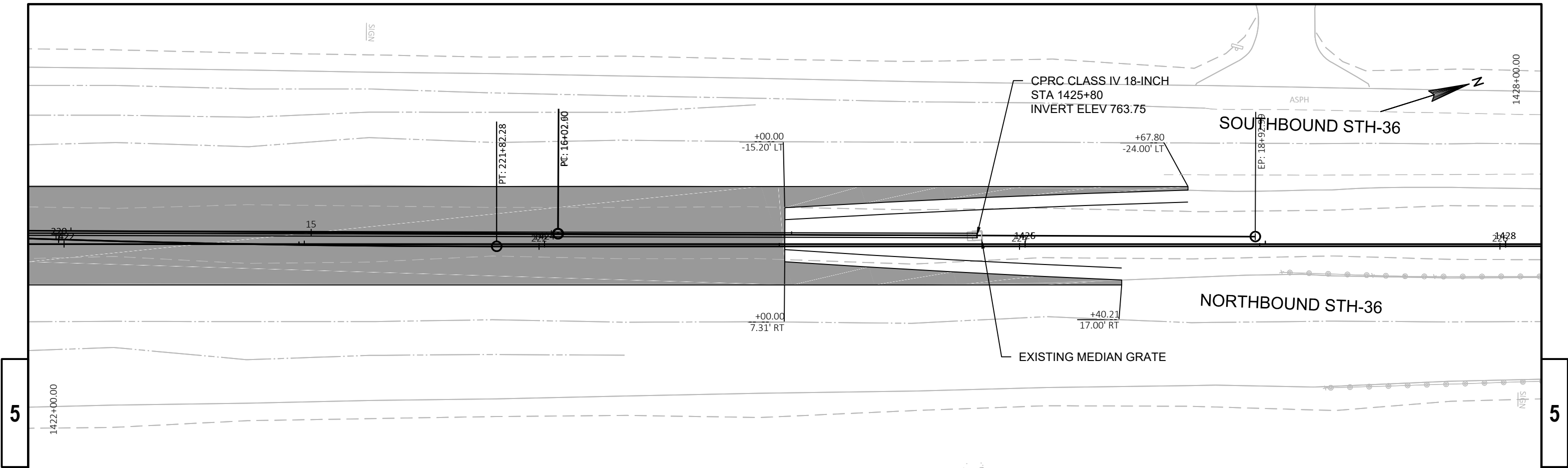


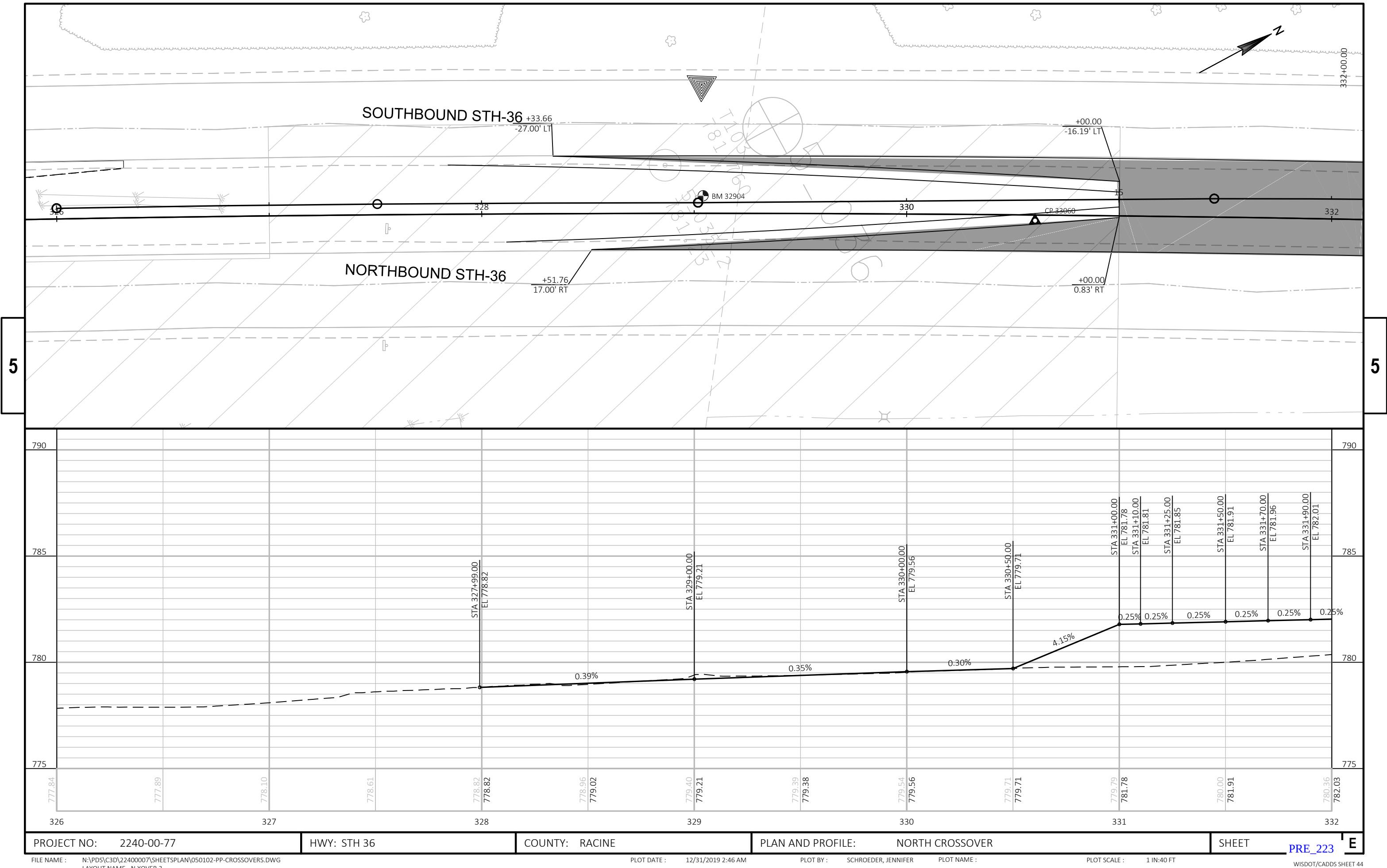
PROJECT NO: 2240-00-77	HWY: STH 36	COUNTY: RACINE	PLAN AND PROFILE: STH 36 OUTSIDE DITCH	SHEET PRE_219 E
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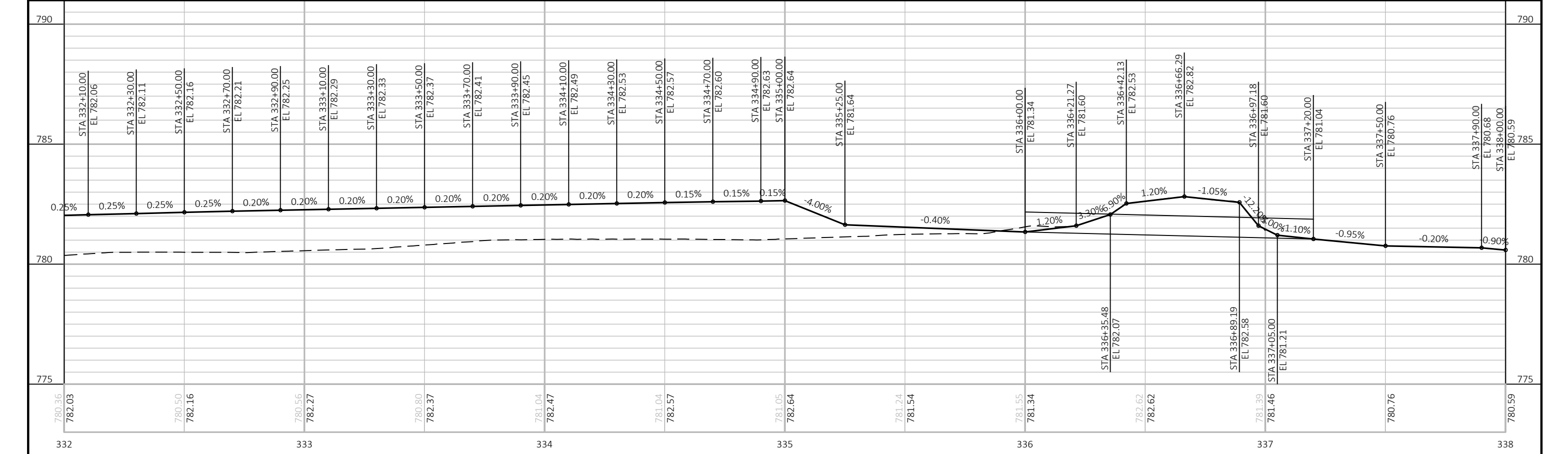
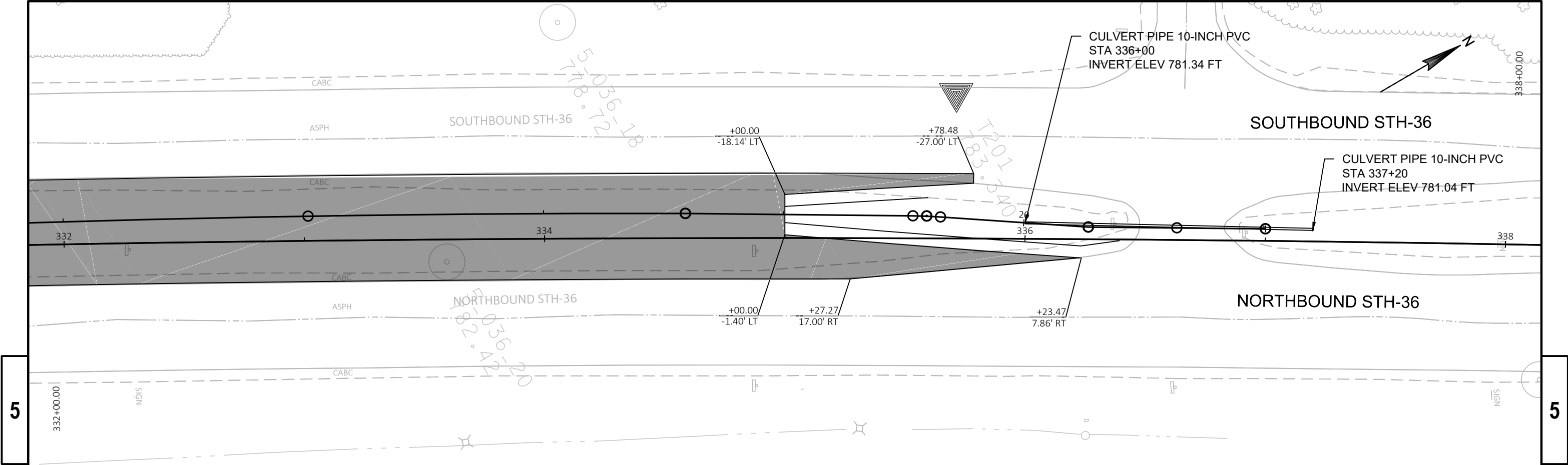


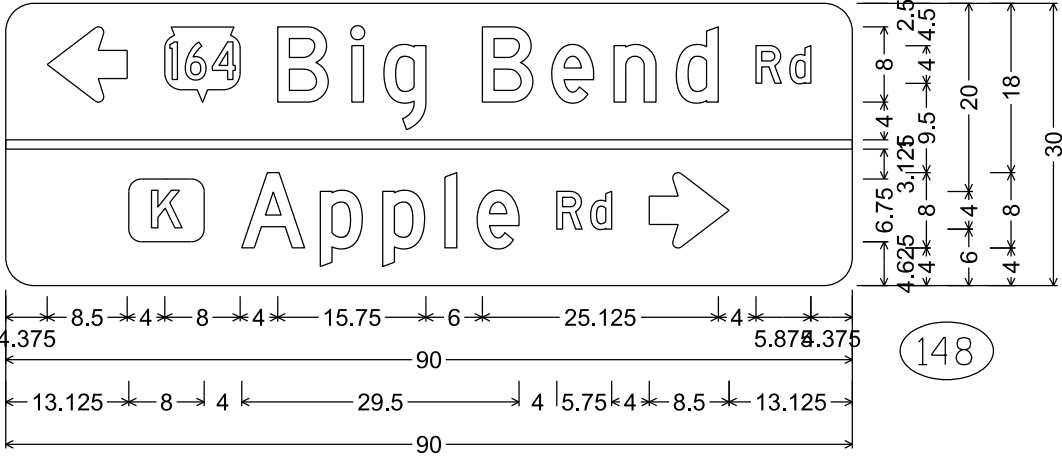
PROJECT NO: 2240-00-77	HWY: STH 36	COUNTY: RACINE	PLAN AND PROFILE: STH 164	SHEET PRE_220 E
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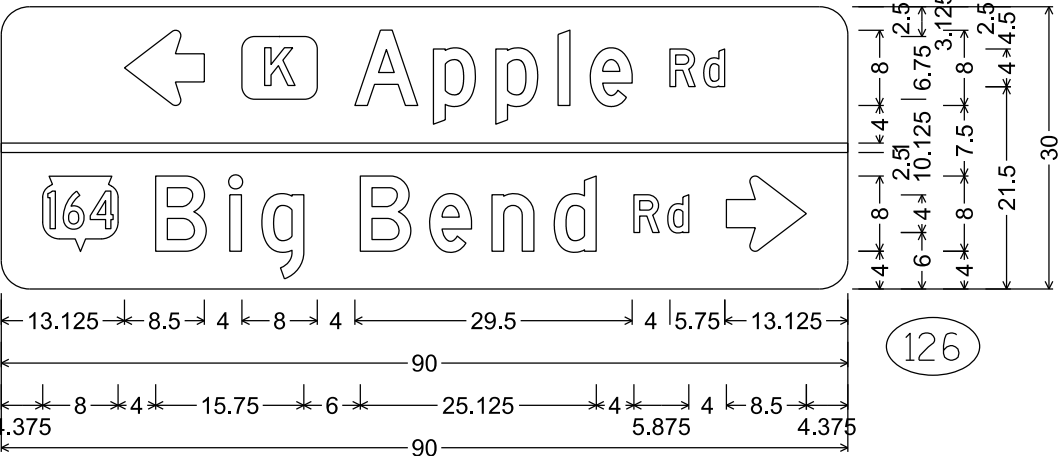






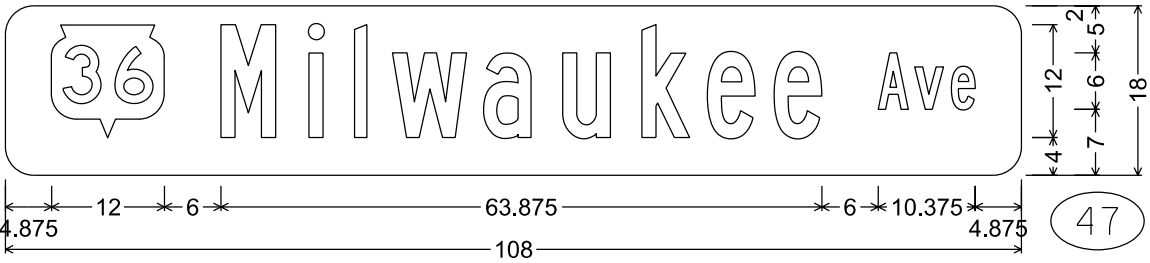
M1-94S; 3.000" Radius, No border,
"Big", D; "Bend", D; "Rd", D; "Apple", D; "Rd", D

148



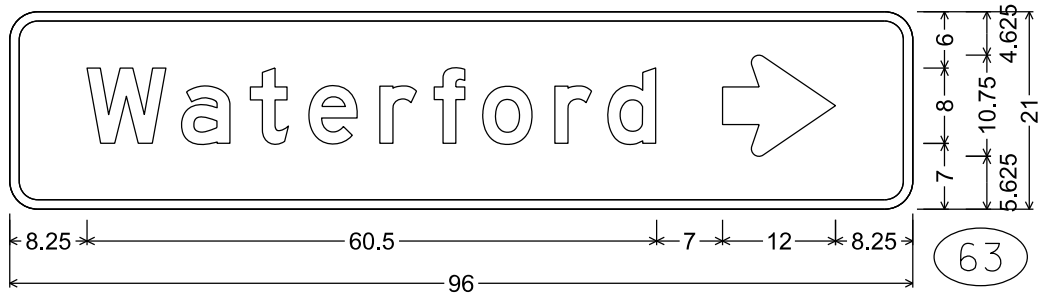
M1-94S; 3.000" Radius, No border, "Apple", D; "Rd", D;
"Big", D; "Bend", D; "Rd", D

126



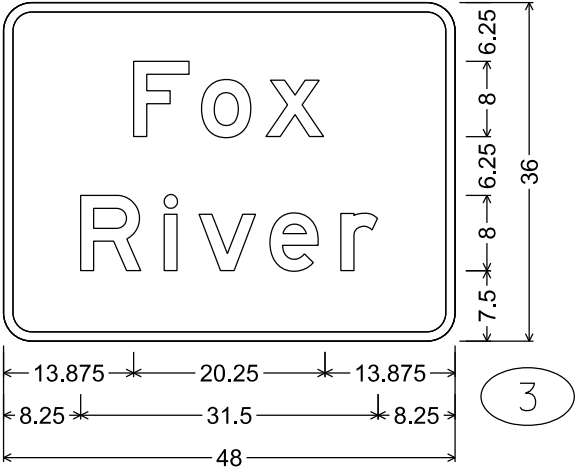
M1-94S; 3.000" Radius, No border, "Milwaukee", B; "Ave", B

47 77
127 152



D1-1; 3.000" Radius, 1.000" Border

63

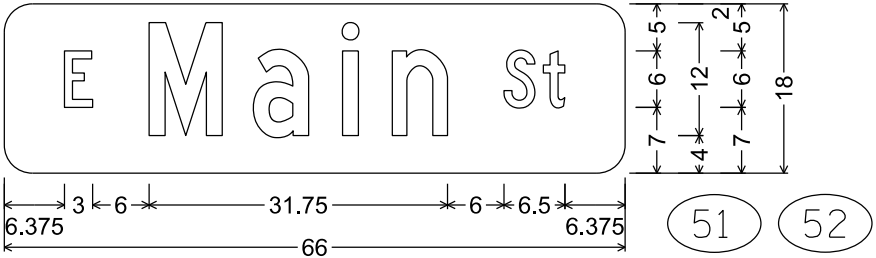


I3-1; 3.000" Radius, 1.000" Border

3

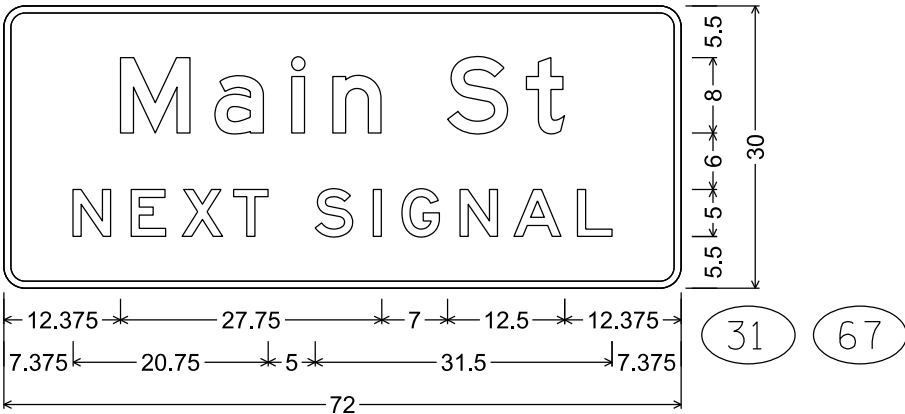
NOTES

- 1. All Signs Type II - Type H Reflective
- 2. Color:
Background - Green
Message - White
- 3. Message Series - E except as noted.



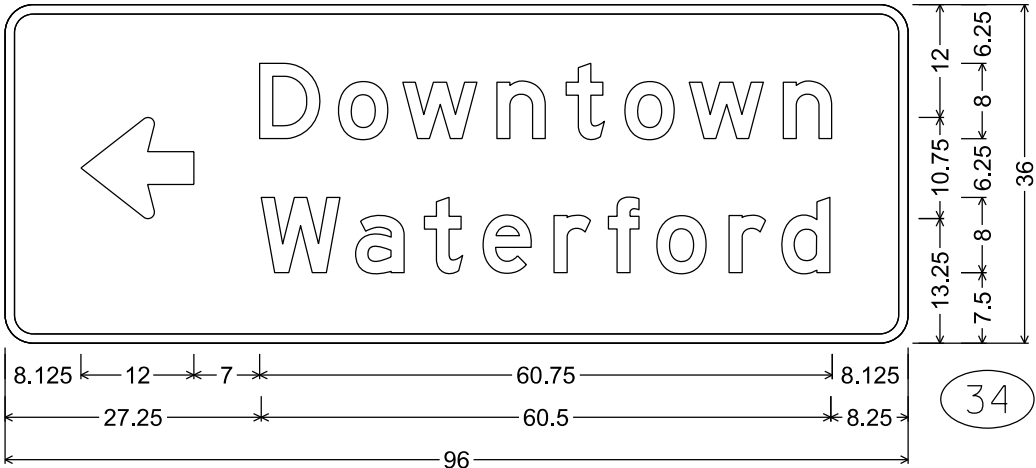
M1-94H; 3.000" Radius, No border, "E", C; "Main", C; "St", C

51 52



D1-65; 2.250" Radius, 0.750" Border

31 67



D1-2; 3.000" Radius, 1.000" Border

34

7

7

STH 36 NB LEFT - MAIN STREET

STATION	DISTANCE	AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)				CUMULATIVE VOL (CY)		
		CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	EBS	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL NOTE 2	FILL	EBS	CUT 1.00	EXPANDED FILL 1.20	MASS ORDINATE
					NOTE 5							
383+20.86	0.00	18.68	1.00	1.90	8.00	0	0	0	0	0	0	0
383+50	29.14	16.73	1.00	7.46	10.29	19	1	5	10	19	6	12
383+75	25.00	15.71	1.00	22.84	16.89	15	1	14	13	34	23	9
384+00	25.00	17.17	1.00	21.87	20.71	15	1	21	17	49	48	-2
384+25	25.00	18.09	1.00	21.51	24.22	16	1	20	21	65	72	-11
384+50	25.00	18.64	1.00	20.51	26.87	17	1	19	24	82	95	-18
384+75	25.00	31.74	1.83	34.25	65.31	23	1	25	43	105	125	-26
385+00	25.00	30.86	1.83	28.94	66.66	29	2	29	61	134	160	-34
385+25	25.00	30.86	1.83	24.45	67.55	29	2	25	62	163	190	-37
385+50	25.00	30.66	1.83	19.15	69.43	28	2	20	63	191	214	-35
385+75	25.00	32.55	1.83	14.19	71.33	29	2	15	65	220	232	-26
386+00	25.00	37.76	2.71	8.12	74.64	33	2	10	68	253	244	-7
386+25	25.00	40.10	3.28	7.07	73.24	36	3	7	68	289	252	18
386+50	25.00	40.42	3.81	7.22	70.83	37	3	7	67	326	260	44
386+75	25.00	33.77	4.28	12.23	72.71	34	4	9	66	360	271	63
387+00	25.00	32.27	4.67	15.97	69.86	31	4	13	66	391	287	74
387+25	25.00	31.54	4.93	17.25	68.52	30	4	15	64	421	305	82
387+50	25.00	30.95	5.13	17.30	68.59	29	5	16	63	450	324	87
387+75	25.00	32.84	5.25	13.40	72.63	30	5	14	65	480	341	95
388+00	25.00	36.53	5.25	8.86	77.27	32	5	10	69	512	353	110
388+25	25.00	48.93	5.51	4.47	74.16	40	5	6	70	552	360	138
388+50	25.00	56.01	7.62	4.07	74.34	49	6	4	69	601	365	176
388+75	25.00	59.65	14.93	2.71	68.64	54	10	3	66	655	368	217
388+89	12.48	49.42	10.68	0.00	42.67	25	6	1	26	680	370	234
						680	76	308	1,206			

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EBS	WILL BE BACKFILLED WITH BREAKER RUN
8 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

STH 36 SB LEFT - MAIN STREET

STATION	DISTANCE	AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)				CUMULATIVE VOL (CY)		
		CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	EBS	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	EBS	CUT 1.00	EXPANDED FILL 1.20	MASS ORDINATE
					NOTE 5							
389+55	0.00	78.41	16.64	0.00	66.67	0	0	0	0	0	0	0
389+75	20.00	66.06	8.39	1.71	72.68	54	9	1	52	54	1	44
390+00	25.00	49.28	6.14	1.81	72.81	53	7	2	67	107	4	87
390+25	25.00	38.64	5.79	7.88	75.78	41	6	4	69	148	8	118
390+50	25.00	33.91	5.55	13.30	72.38	34	5	10	69	182	20	135
390+75	25.00	33.29	5.40	17.67	68.08	31	5	14	65	213	37	144
391+00	25.00	32.32	5.22	26.53	61.55	30	5	20	60	243	61	145
391+25	25.00	32.18	4.93	23.54	63.56	30	5	23	58	273	89	142
391+50	25.00	38.26	4.51	15.44	62.59	33	4	18	58	306	110	150
391+75	25.00	37.91	4.10	14.28	67.65	35	4	14	60	341	127	164
392+00	25.00	37.83	3.68	15.81	70.08	35	4	14	64	376	144	178
392+25	25.00	37.88	3.22	19.94	69.94	35	3	17	65	411	164	190
392+50	25.00	37.36	2.67	25.00	45.74	35	3	21	54	446	190	196
392+75	25.00	23.93	1.00	11.00	31.77	28	2	17	36	474	210	202
393+00	25.00	20.90	1.00	8.77	27.88	21	1	9	28	495	221	211
393+25	25.00	23.30	1.00	2.42	25.32	20	1	5	25	515	227	224
393+50	25.00	23.05	1.00	1.84	22.65	21	1	2	22	536	229	242
393+75	25.00	22.42	1.00	0.87	19.98	21	1	1	20	557	230	261
394+00	25.00	21.88	1.00	0.07	17.32	21	1	0	17	578	230	281
394+25	25.00	21.63	1.00	0.00	14.65	20	1	0	15	598	230	300
394+50	25.00	21.72	1.00	0.00	13.33	20	1	0	13	618	230	319
394+75	25.00	22.94	1.00	0.00	13.33	21	1	0	12	639	230	339
395+00	25.00	23.76	1.00	0.00	13.33	22	1	0	12	661	230	360
395+12.29	12.29	23.20	1.00	0.00	13.33	11	0	0	6	672	230	371
						672	71	192	947			

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EBS	WILL BE BACKFILLED WITH BREAKER RUN
8 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

STH 36 DITCH 383+00 TO 388+50

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED / UNUSABLE PAVEMENT MATERIAL NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.20	MASS ORDINATE NOTE 8
383+00	0.00	17.73	0.00	0.29	0	0	0	0	0	0
383+25	25.00	24.63	0.00	0.17	20	0	0	20	0	20
383+50	25.00	29.24	0.00	0.37	25	0	0	45	0	45
383+75	25.00	35.20	0.00	0.91	30	0	1	75	1	74
384+00	25.00	39.90	0.00	1.14	35	0	1	110	2	108
384+25	25.00	42.92	0.00	0.89	38	0	1	148	4	144
384+50	25.00	45.70	0.00	0.52	41	0	1	189	5	184
384+75	25.00	46.13	0.00	0.00	43	0	0	232	5	227
385+00	25.00	49.43	0.00	0.00	44	0	0	276	5	271
385+25	25.00	52.69	0.00	0.00	47	0	0	323	5	318
385+50	25.00	58.94	0.00	0.00	52	0	0	375	5	370
385+75	25.00	74.40	0.00	0.00	62	0	0	437	5	432
386+00	25.00	89.22	0.00	0.03	76	0	0	513	5	508
386+25	25.00	87.96	0.00	0.00	82	0	0	595	5	590
386+50	25.00	70.26	0.00	0.00	73	0	0	668	5	663
386+75	25.00	51.84	0.00	0.00	57	0	0	725	5	720
387+00	25.00	32.90	0.00	0.00	39	0	0	764	5	759
387+25	25.00	44.95	0.00	0.00	36	0	0	800	5	795
387+50	25.00	57.54	0.00	0.00	47	0	0	847	5	842
387+75	25.00	48.79	0.00	0.00	49	0	0	896	5	891
388+00	25.00	49.31	0.00	0.00	45	0	0	941	5	936
388+25	25.00	43.84	0.00	0.00	43	0	0	984	5	979
388+50	25.00	26.26	0.00	0.05	32	0	0	1,016	5	1,011
					1,016	0	4			

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

STH 36 DITCH 391+50 TO 396+50

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
					NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.20	NOTE 8
391+50	0.00	14.35	0.00	0.03	0	0	0	0	0	0
391+75	25.00	17.92	0.00	0.00	15	0	0	15	0	15
392+00	25.00	17.38	0.00	0.00	16	0	0	31	0	31
392+25	25.00	15.84	0.00	0.00	15	0	0	46	0	46
392+50	25.00	13.73	0.00	0.00	14	0	0	60	0	60
392+75	25.00	17.63	0.00	0.00	15	0	0	75	0	75
393+00	25.00	22.13	0.00	0.00	18	0	0	93	0	93
393+25	25.00	26.82	0.00	0.00	23	0	0	116	0	116
393+50	25.00	31.46	0.00	0.00	27	0	0	143	0	143
393+75	25.00	37.03	0.00	0.00	32	0	0	175	0	175
394+00	25.00	34.01	0.00	0.00	33	0	0	208	0	208
394+25	25.00	31.23	0.00	0.00	30	0	0	238	0	238
394+50	25.00	29.12	0.00	0.00	28	0	0	266	0	266
394+75	25.00	28.57	0.00	0.00	27	0	0	293	0	293
395+00	25.00	28.05	0.00	0.00	26	0	0	319	0	319
395+25	25.00	27.11	0.00	0.00	26	0	0	345	0	345
395+50	25.00	27.00	0.00	0.00	25	0	0	370	0	370
395+75	25.00	21.98	0.00	0.00	23	0	0	393	0	393
396+00	25.00	17.45	0.00	0.00	18	0	0	411	0	411
396+25	25.00	13.33	0.00	0.05	14	0	0	425	0	425
396+50	25.00	8.71	0.00	2.68	10	0	1	435	1	434
					435	0	1			

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

STH 36 DITCH 397+50 TO 413+50

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED / UNUSABLE PAVEMENT MATERIAL NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.20	MASS ORDINATE NOTE 8
397+50	0.00	10.54	0.00	0.10	0	0	0	0	0	0
397+75	25.00	15.47	0.00	0.00	12	0	0	12	0	12
398+00	25.00	20.14	0.00	0.00	16	0	0	28	0	28
398+25	25.00	27.41	0.00	0.00	22	0	0	50	0	50
398+50	25.00	36.24	0.00	0.00	29	0	0	79	0	79
398+75	25.00	40.78	0.00	0.00	36	0	0	115	0	115
399+00	25.00	45.51	0.00	0.00	40	0	0	155	0	155
399+25	25.00	46.86	0.00	0.00	43	0	0	198	0	198
399+50	25.00	46.63	0.00	0.00	43	0	0	241	0	241
399+75	25.00	48.99	0.00	0.00	44	0	0	285	0	285
400+00	25.00	53.40	0.00	0.00	47	0	0	332	0	332
400+25	25.00	51.31	0.00	0.00	48	0	0	380	0	380
400+50	25.00	45.97	0.00	0.00	45	0	0	425	0	425
400+75	25.00	41.34	0.00	0.00	40	0	0	465	0	465
401+00	25.00	38.83	0.00	0.00	37	0	0	502	0	502
401+25	25.00	37.60	0.00	0.00	35	0	0	537	0	537
401+50	25.00	35.89	0.00	0.00	34	0	0	571	0	571
401+75	25.00	33.87	0.00	0.00	32	0	0	603	0	603
402+00	25.00	30.36	0.00	0.00	30	0	0	633	0	633
402+25	25.00	27.37	0.00	0.00	27	0	0	660	0	660
402+50	25.00	16.35	0.00	0.95	20	0	0	680	0	680
402+75	25.00	19.16	0.00	0.00	16	0	0	696	0	696
403+00	25.00	19.32	0.00	0.00	18	0	0	714	0	714
403+25	25.00	19.81	0.00	0.00	18	0	0	732	0	732
403+50	25.00	20.02	0.00	0.00	18	0	0	750	0	750
403+75	25.00	20.10	0.00	0.00	19	0	0	769	0	769
404+00	25.00	21.32	0.00	0.00	19	0	0	788	0	788
404+25	25.00	24.10	0.00	0.00	21	0	0	809	0	809
404+50	25.00	27.35	0.00	0.00	24	0	0	833	0	833
404+75	25.00	31.13	0.00	0.00	27	0	0	860	0	860
405+00	25.00	33.70	0.00	0.00	30	0	0	890	0	890
405+25	25.00	32.11	0.00	0.00	30	0	0	920	0	920
405+50	25.00	33.37	0.00	0.00	30	0	0	950	0	950
405+75	25.00	26.84	0.00	0.00	28	0	0	978	0	978
406+00	25.00	16.60	0.00	0.38	20	0	0	998	0	998

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED / UNUSABLE PAVEMENT MATERIAL NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.20	MASS ORDINATE NOTE 8
406+25	25.00	25.40	0.00	0.00	19	0	0	1,017	0	1,017
406+50	25.00	26.16	0.00	0.00	24	0	0	1,041	0	1,041
406+75	25.00	26.72	0.00	0.00	24	0	0	1,065	0	1,065
407+00	25.00	26.84	0.00	0.00	25	0	0	1,090	0	1,090
407+25	25.00	27.07	0.00	0.00	25	0	0	1,115	0	1,115
407+50	25.00	28.44	0.00	0.00	26	0	0	1,141	0	1,141
407+75	25.00	30.36	0.00	0.00	27	0	0	1,168	0	1,168
408+00	25.00	31.71	0.00	0.00	29	0	0	1,197	0	1,197
408+25	25.00	29.36	0.00	0.00	28	0	0	1,225	0	1,225
408+50	25.00	26.52	0.00	0.00	26	0	0	1,251	0	1,251
408+75	25.00	26.22	0.00	0.00	24	0	0	1,275	0	1,275
409+00	25.00	26.79	0.00	0.00	25	0	0	1,300	0	1,300
409+25	25.00	27.18	0.00	0.00	25	0	0	1,325	0	1,325
409+50	25.00	27.32	0.00	0.00	25	0	0	1,350	0	1,350
409+75	25.00	28.96	0.00	0.00	26	0	0	1,376	0	1,376
410+00	25.00	31.13	0.00	0.00	28	0	0	1,404	0	1,404
410+25	25.00	30.68	0.00	0.00	29	0	0	1,433	0	1,433
410+50	25.00	27.95	0.00	0.00	27	0	0	1,460	0	1,460
410+75	25.00	26.43	0.00	0.00	25	0	0	1,485	0	1,485
411+00	25.00	27.69	0.00	0.00	25	0	0	1,510	0	1,510
411+25	25.00	28.48	0.00	0.00	26	0	0	1,536	0	1,536
411+50	25.00	27.08	0.00	0.00	26	0	0	1,562	0	1,562
411+75	25.00	25.51	0.00	0.00	24	0	0	1,586	0	1,586
412+00	25.00	22.47	0.00	0.00	22	0	0	1,608	0	1,608
412+25	25.00	19.60	0.00	0.00	19	0	0	1,627	0	1,627
412+50	25.00	18.35	0.00	0.00	18	0	0	1,645	0	1,645
412+75	25.00	15.11	0.00	0.00	15	0	0	1,660	0	1,660
413+00	25.00	12.76	0.00	0.00	13	0	0	1,673	0	1,673
413+25	25.00	11.34	0.00	0.00	11	0	0	1,684	0	1,684
413+50	25.00	7.59	0.00	0.06	9	0	0	1,693	0	1,693
					1,693	0	0			

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

STH 36 SB LEFT - STH 164

STATION	DISTANCE	AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)				CUMULATIVE VOL (CY)		
		CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	EBS	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	EBS	CUT 1.00	EXPANDED FILL 1.20	MASS ORDINATE
					NOTE 5							
429+00	0.00	77.74	18.75	0.00	66.67	0	0	0	0	0	0	0
429+25	25.00	72.80	11.92	0.55	73.50	70	14	0	65	70	0	56
429+50	25.00	65.42	8.33	2.06	80.79	64	9	1	71	134	1	110
429+75	25.00	62.85	6.34	2.99	82.58	59	7	2	76	193	4	159
430+00	25.00	61.14	6.34	3.52	82.14	57	6	3	76	250	7	207
430+25	25.00	54.68	6.34	4.64	81.03	54	6	4	76	304	12	250
430+50	25.00	46.06	5.81	5.72	79.88	47	6	5	74	351	18	285
430+75	25.00	40.40	5.33	6.98	78.56	40	5	6	73	391	25	313
431+00	25.00	36.64	4.76	8.47	77.03	36	5	7	72	427	34	335
431+25	25.00	34.83	4.29	10.28	75.15	33	4	9	70	460	44	354
431+50	25.00	34.89	3.75	16.42	54.66	32	4	12	60	492	59	367
431+75	25.00	36.10	3.24	24.36	47.25	33	3	19	47	525	82	374
432+00	25.00	22.41	1.13	10.61	30.41	27	2	16	36	552	101	380
432+25	25.00	21.89	1.13	11.85	28.89	21	1	10	27	573	113	388
432+50	25.00	21.39	1.13	13.62	27.82	20	1	12	26	593	127	393
432+75	25.00	20.60	1.13	16.26	26.20	19	1	14	25	612	144	394
433+00	25.00	20.12	1.13	19.54	24.14	19	1	17	23	631	164	392
433+25	25.00	20.50	1.13	12.79	22.68	19	1	15	22	650	182	392
433+50	25.00	26.11	1.13	10.47	20.01	22	1	11	20	672	196	399
433+75	25.00	20.84	1.13	4.13	17.35	22	1	7	17	694	204	412
434+00	25.00	20.89	1.13	1.28	14.68	19	1	3	15	713	208	426
434+25	25.00	22.46	1.13	0.00	13.33	20	1	1	13	733	209	444
434+50	25.00	22.89	1.13	0.00	13.33	21	1	0	12	754	209	464
434+75	25.00	23.48	1.13	0.00	13.33	21	1	0	12	775	209	484
434+87.58	12.58	23.51	1.13	0.00	13.33	11	1	0	6	786	209	494
						786	83	174	1,014			

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EBS	WILL BE BACKFILLED WITH BREAKER RUN
8 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

STH 36 SB LEFT - WATER PLANT

STATION	DISTANCE	AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)				CUMULATIVE VOL (CY)		
		CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	EBS	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL NOTE 2	FILL	EBS	CUT 1.00	EXPANDED FILL 1.20	MASS ORDINATE
					NOTE 5							
591+36	0.00	55.31	12.00	0.00	47.07	0	0	0	0	0	0	0
591+50	14.00	34.53	4.41	0.14	29.69	23	4	0	20	23	0	19
591+75	25.00	24.07	3.42	0.07	20.94	27	4	0	23	50	0	42
592+00	25.00	24.58	2.63	6.15	20.00	23	3	3	19	73	4	58
592+25	25.00	21.36	1.90	9.90	20.00	21	2	7	19	94	12	69
592+50	25.00	21.24	1.19	9.04	20.00	20	1	9	19	114	23	77
592+75	25.00	21.29	1.00	7.61	20.00	20	1	8	19	134	32	87
593+00	25.00	22.54	1.00	8.57	20.00	20	1	7	19	154	41	97
593+25	25.00	22.08	1.00	10.43	20.00	21	1	9	19	175	52	106
593+50	25.00	21.17	1.00	11.51	20.00	20	1	10	19	195	64	113
593+75	25.00	18.92	1.00	14.92	20.00	19	1	12	19	214	78	117
594+00	25.00	20.16	1.00	18.36	20.00	18	1	15	19	232	96	116
594+25	25.00	21.87	1.00	11.95	20.00	19	1	14	19	251	113	117
594+50	25.00	20.99	1.00	5.23	19.69	20	1	8	18	271	122	127
594+75	25.00	21.25	1.00	1.29	16.86	20	1	3	17	291	126	142
595+00	25.00	22.12	1.00	0.00	14.10	20	1	1	14	311	127	160
595+25	25.00	24.57	1.00	0.00	13.12	22	1	0	13	333	127	181
595+50	25.00	23.14	1.00	0.00	13.16	22	1	0	12	355	127	202
595+75	25.00	21.87	1.00	0.00	13.21	21	1	0	12	376	127	222
595+84.41	9.41	22.48	1.00	0.00	13.22	8	0	0	5	384	127	230
						384	27	106	324			

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EBS	WILL BE BACKFILLED WITH BREAKER RUN
8 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

B-51-56

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED / UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.20	MASS ORDINATE NOTE 8
231+12.093	0.00	0.00	0.00	0.00	0	0	0	0	0	0
231+50	37.91	0.00	0.00	0.00	0	0	0	0	0	0
231+73.707	23.71	0.00	0.00	0.00	0	0	0	0	0	0
232+00	26.29	0.00	0.00	0.00	0	0	0	0	0	0
232+50	50.00	0.00	0.00	0.00	0	0	0	0	0	0
232+71.344	21.34	0.00	0.00	0.00	0	0	0	0	0	0
233+00	28.66	0.00	0.00	0.00	0	0	0	0	0	0
233+15.576	15.58	0.00	0.00	0.00	0	0	0	0	0	0
233+39.332	23.76	4.26	0.00	4.05	2	0	2	2	2	0
233+40.576	1.24	4.27	0.00	5.47	0	0	0	2	2	0
233+50	9.42	11.30	0.00	14.66	3	0	4	5	7	-2
233+64.332	14.33	11.34	0.00	13.61	6	0	8	11	17	-6
233+65.576	1.24	11.28	0.00	13.95	1	0	1	12	18	-6
233+89.332	23.76	8.53	0.00	14.24	9	0	12	21	32	-11
234+00	10.67	8.96	0.00	10.99	3	0	5	24	38	-14
234+15.576	15.58	10.31	0.00	6.78	6	0	5	30	44	-14
234+33.599	18.02	12.27	0.00	1.99	8	0	3	38	48	-10
234+50	16.40	0.00	0.00	0.00	4	0	1	42	49	-7
234+55.832	5.83	0.00	0.00	0.00	0	0	0	42	49	-7
235+00	44.17	0.00	0.00	0.00	0	0	0	42	49	-7
					42	0	41			

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

B-51-57

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	CUT NOTE 1	SALVAGED / UNUSABLE PAVEMENT NOTE 2	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.20	MASS ORDINATE NOTE 8
321+93.04	0.00	0.00	0.00	0.00	0	0	0	0	0	0
322+00	6.96	0.00	0.00	0.00	0	0	0	0	0	0
322+50	50.00	0.00	0.00	0.00	0	0	0	0	0	0
322+63.472	13.47	0.00	0.00	0.00	0	0	0	0	0	0
322+75	11.53	4.91	0.00	0.02	1	0	0	1	0	1
322+88.442	13.44	4.19	0.00	1.11	2	0	0	3	0	3
323+00	11.56	3.71	0.00	7.12	2	0	2	5	2	3
323+13.402	13.40	3.54	0.00	14.68	2	0	5	7	8	-1
323+33.377	19.97	5.58	0.00	7.72	3	0	8	10	18	-8
323+50	16.62	5.20	0.00	2.22	3	0	3	13	22	-9
323+79.461	29.46	0.00	0.00	0.00	3	0	1	16	23	-7
324+00	20.54	0.00	0.00	0.00	0	0	0	16	23	-7
324+18.499	18.50	0.00	0.00	0.00	0	0	0	16	23	-7
324+43.637	25.14	0.00	0.00	0.00	0	0	0	16	23	-7
324+68.667	25.03	6.77	0.00	0.82	3	0	0	19	23	-4
325+00	31.33	6.37	0.00	0.61	8	0	1	27	24	3
325+24.028	24.03	7.60	0.00	0.05	6	0	0	33	24	9
325+50	25.97	0.00	0.00	0.00	4	0	0	37	24	13
326+00	50.00	0.00	0.00	0.00	0	0	0	37	24	13
326+05.783	5.78	0.00	0.00	0.00	0	0	0	37	24	13
					37	0	20			

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

STH 36 NORTH CROSS-OVER

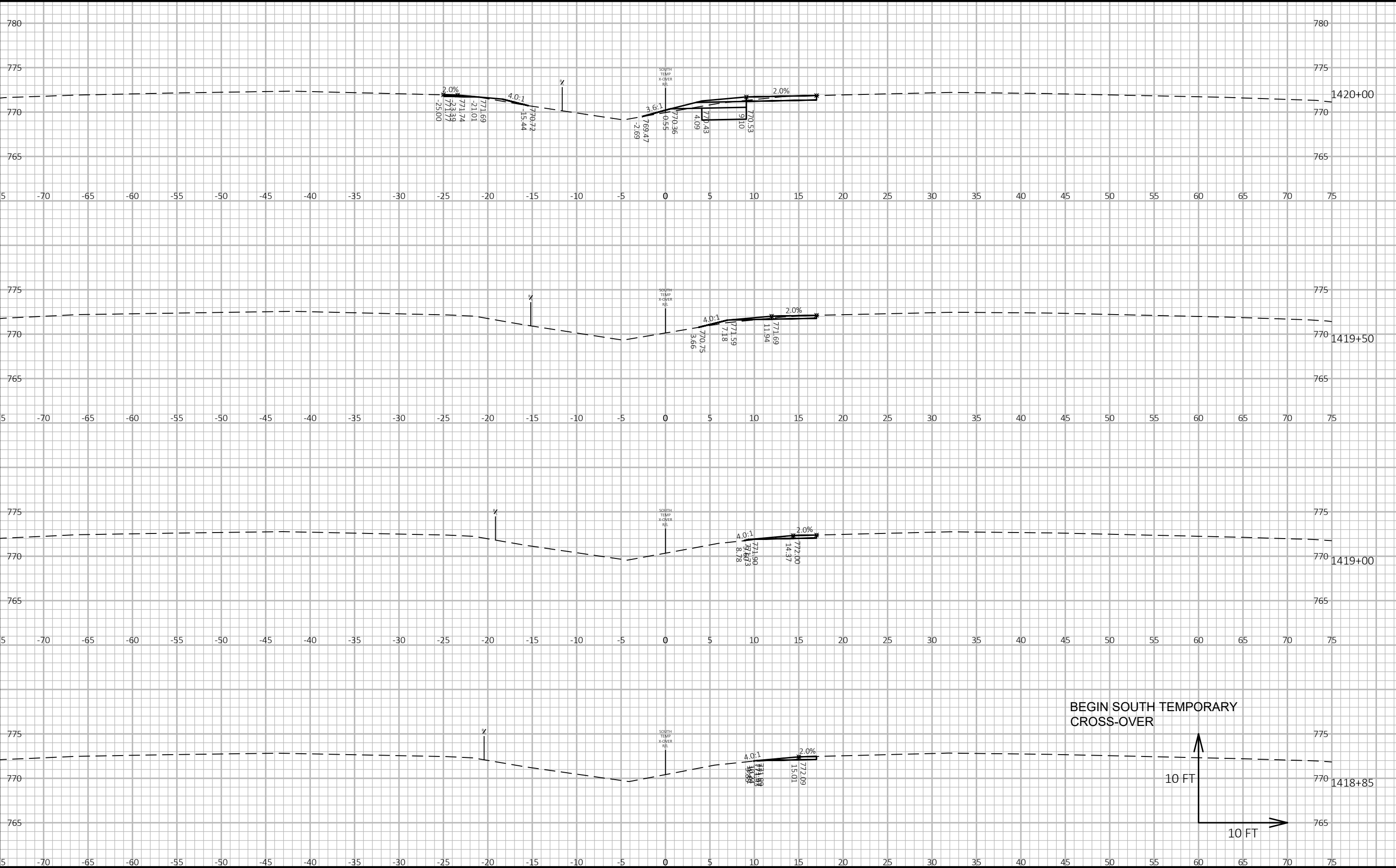
STATION	DISTANCE	AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)				CUMULATIVE VOL (CY)		
		CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	EBS	CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	EBS	CUT 1.00	EXPANDED FILL 1.20	MASS ORDINATE
					NOTE 5	NOTE 1	NOTE 2	NOTE 3	NOTE 5	NOTE 1		NOTE 8
329+53.37	0.00	1.87	2.00	0.72	13.38	0	0	0	0	0	0	0
329+75	21.63	10.41	2.00	0.14	17.70	5	2	0	12	5	0	3
330+00	25.00	9.17	2.00	1.51	19.95	9	2	1	17	14	1	9
330+25	25.00	8.88	2.00	2.83	22.37	8	2	2	20	22	4	12
330+50	25.00	8.83	2.00	4.52	24.78	8	2	3	22	30	7	15
330+75	25.00	8.34	2.00	5.50	26.79	8	2	5	24	38	13	15
331+00	25.00	22.63	2.00	8.47	48.00	14	2	6	35	52	20	20
331+25	25.00	21.13	2.00	9.99	48.68	20	2	9	45	72	31	27
331+50	25.00	21.26	2.00	10.09	48.58	20	2	9	45	92	42	34
331+75	25.00	21.43	2.00	8.96	49.71	20	2	9	46	112	53	41
332+00	25.00	21.69	2.00	8.56	50.11	20	2	8	46	132	62	50
332+25	25.00	21.98	2.00	8.09	50.58	20	2	8	47	152	72	58
332+50	25.00	20.66	2.00	9.07	49.60	20	2	8	46	172	82	66
332+75	25.00	19.73	2.00	10.36	48.31	19	2	9	45	191	92	73
333+00	25.00	19.81	2.00	11.10	47.57	18	2	10	44	209	104	77
333+25	25.00	19.78	2.00	11.84	46.83	18	2	11	44	227	118	79
333+50	25.00	21.04	2.00	11.19	47.48	19	2	11	44	246	131	83
333+75	25.00	22.48	2.00	10.41	48.25	20	2	10	44	266	143	89
334+00	25.00	22.24	2.00	10.42	48.25	21	2	10	45	287	155	96
334+25	25.00	21.68	2.00	10.60	48.07	20	2	10	45	307	167	102
334+50	25.00	20.69	2.00	10.88	47.79	20	2	10	44	327	179	108
334+75	25.00	19.84	2.00	10.91	47.76	19	2	10	44	346	191	113
335+00	25.00	20.91	2.00	9.44	49.23	19	2	9	45	365	202	119
335+25	25.00	11.07	2.00	4.50	25.98	15	2	6	35	380	209	125
335+50	25.00	10.51	2.00	1.59	21.79	10	2	3	22	390	212	130
335+75	25.00	10.63	2.00	0.41	16.76	10	2	1	18	400	214	136
						400	50	178	924			

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EBS	WILL BE BACKFILLED WITH BREAKER RUN
8 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

STH 36 SOUTH CROSS-OVER

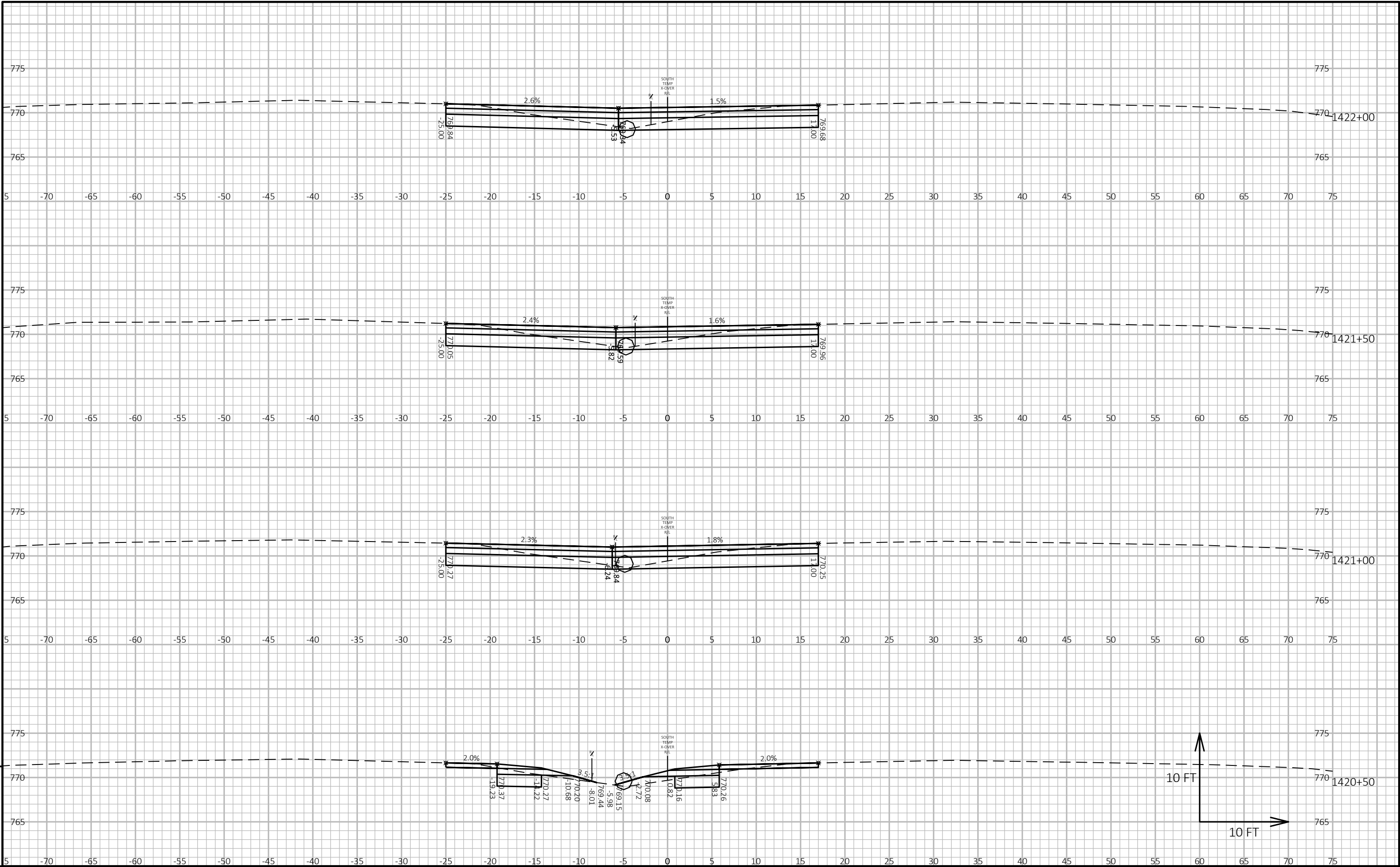
STATION	DISTANCE	AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)				CUMULATIVE VOL (CY)		
		CUT	SALVAGED / UNUSABLE PAVEMENT MATERIAL	FILL	EBS NOTE 5	CUT NOTE 1	SALVAGED / UNUSABLE PAVEMENT MATERIAL NOTE 2	FILL NOTE 3	EBS NOTE 5	CUT 1.00 NOTE 1	EXPANDED FILL 1.20	MASS ORDINATE NOTE 8
217+73.06	0.00	0.00	1.00	0.05	0.00	0	0	0	0	0	0	0
217+75	1.94	3.76	1.00	0.02	7.04	0	0	0	0	0	0	0
218+00	25.00	3.09	1.00	0.74	6.71	3	1	0	6	3	0	2
218+25	25.00	5.30	2.00	2.60	13.34	4	1	2	9	7	2	3
218+50	25.00	2.37	2.00	5.12	12.97	4	2	4	12	11	7	0
218+75	25.00	0.65	2.00	6.40	11.96	1	2	5	12	12	13	-7
219+00	25.00	19.91	2.00	8.60	46.20	10	2	7	27	22	22	-8
219+25	25.00	18.38	2.00	9.92	46.14	18	2	9	43	40	32	-2
219+50	25.00	18.42	2.00	9.57	46.48	17	2	9	43	57	43	2
219+75	25.00	18.92	2.00	9.25	46.79	17	2	9	43	74	54	6
220+00	25.00	19.61	2.00	9.02	47.01	18	2	8	43	92	64	12
220+25	25.00	20.29	2.00	8.85	47.17	18	2	8	44	110	73	19
220+50	25.00	20.24	2.00	8.90	47.12	19	2	8	44	129	83	26
220+75	25.00	20.20	2.00	9.02	46.99	19	2	8	44	148	92	34
221+00	25.00	20.10	2.00	9.48	46.53	19	2	9	43	167	103	40
221+25	25.00	20.01	2.00	10.14	45.86	19	2	9	43	186	114	46
221+50	25.00	20.30	2.00	9.91	46.09	19	2	9	43	205	125	52
221+75	25.00	20.61	2.00	9.50	46.50	19	2	9	43	224	136	58
222+00	25.00	20.28	2.00	9.49	46.51	19	2	9	43	243	146	65
222+25	25.00	19.83	2.00	9.55	46.45	19	2	9	43	262	157	71
222+50	25.00	19.17	2.00	9.58	46.42	18	2	9	43	280	168	76
222+75	25.00	0.41	2.00	6.79	11.09	9	2	8	27	289	178	73
223+00	25.00	1.11	2.00	6.06	12.45	1	2	6	11	290	185	65
223+25	25.00	2.60	2.00	4.88	13.11	2	2	5	12	292	191	59
223+50	25.00	4.33	2.00	2.23	13.75	3	2	3	12	295	194	57
223+75	25.00	6.58	2.00	5.68	13.33	5	2	4	13	300	199	55
223+92.27	17.27	3.08	2.00	0.93	6.67	3	1	2	6	303	202	54
						303	47	168	752			

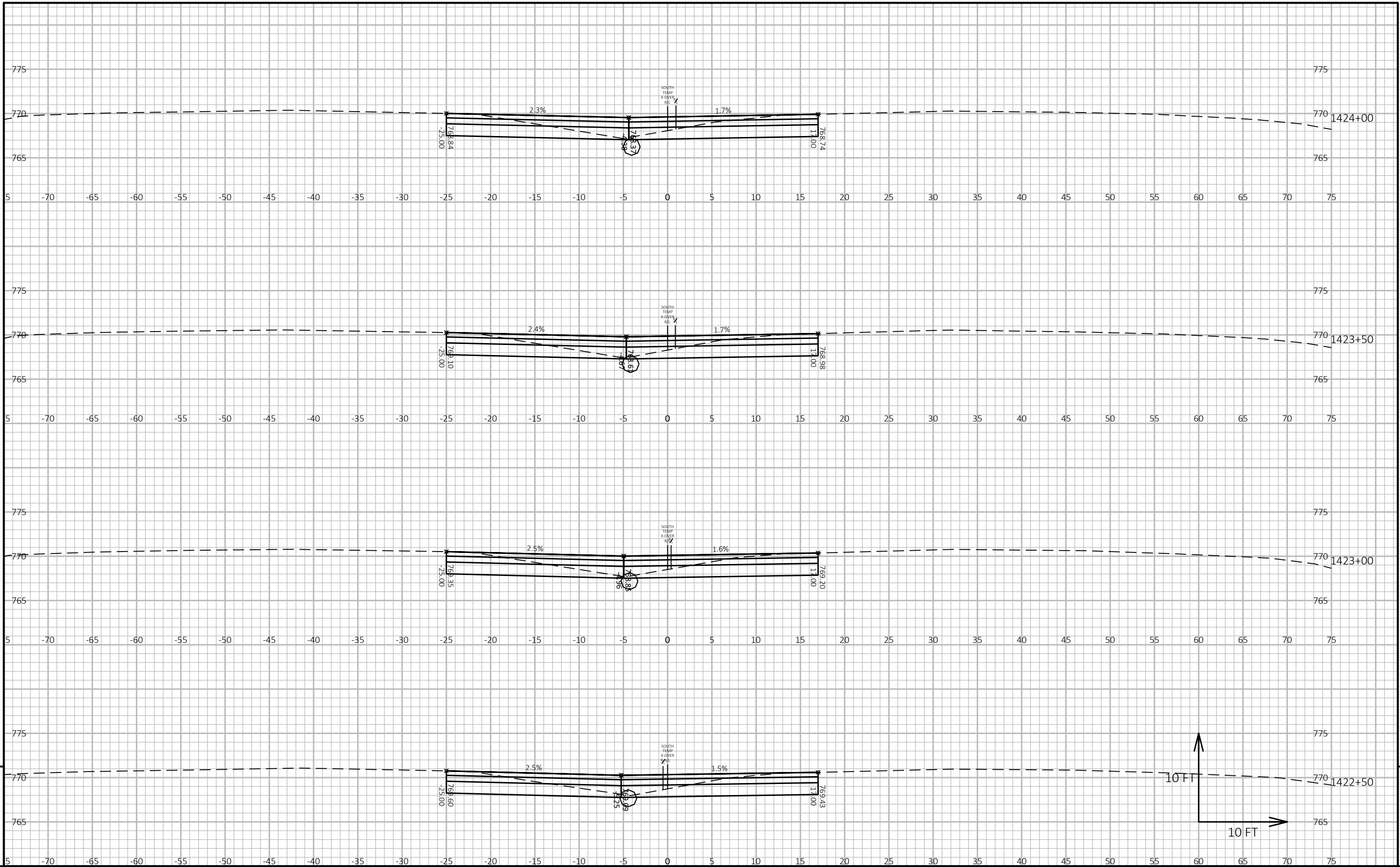
Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EBS	WILL BE BACKFILLED WITH BREAKER RUN
8 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

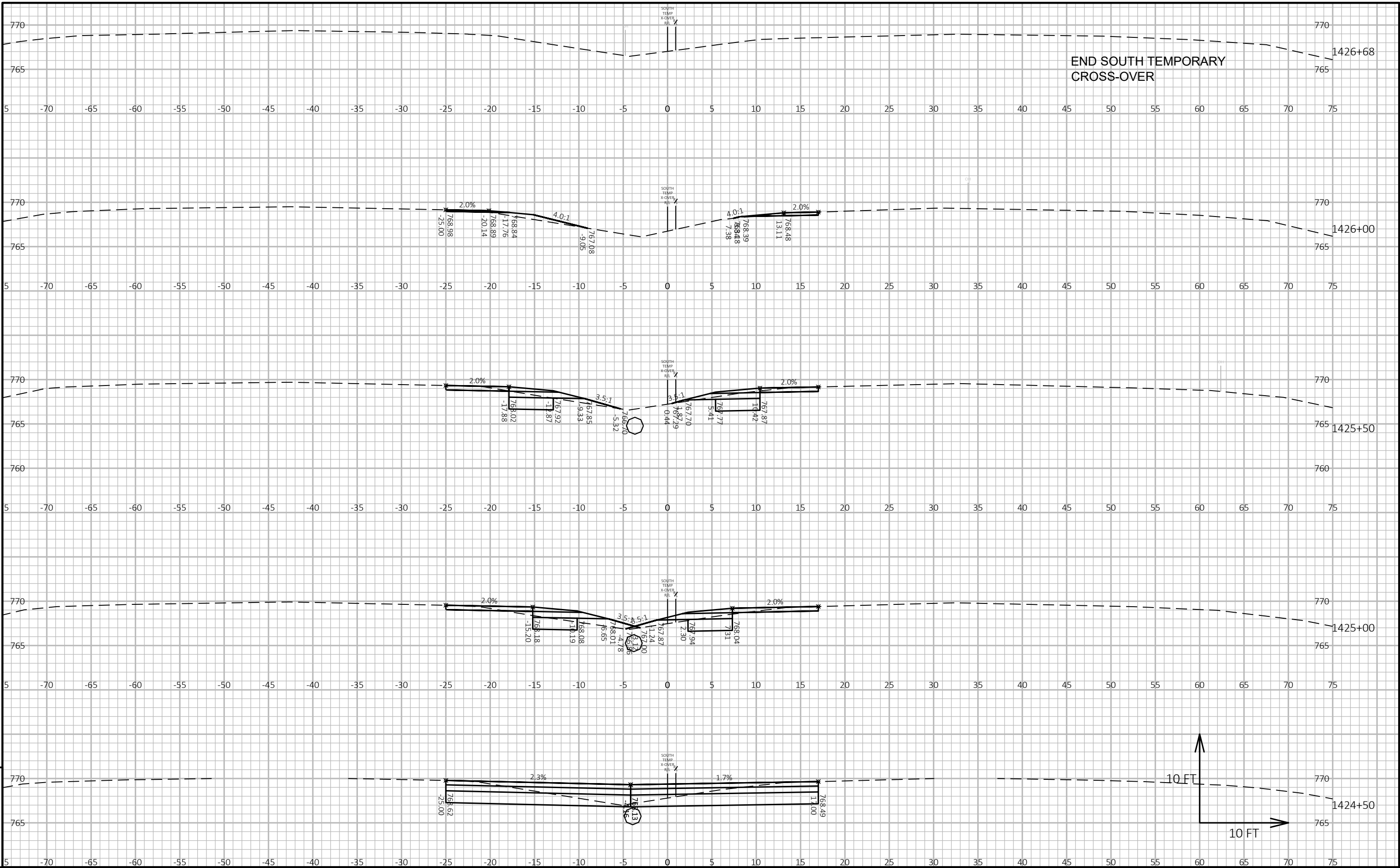


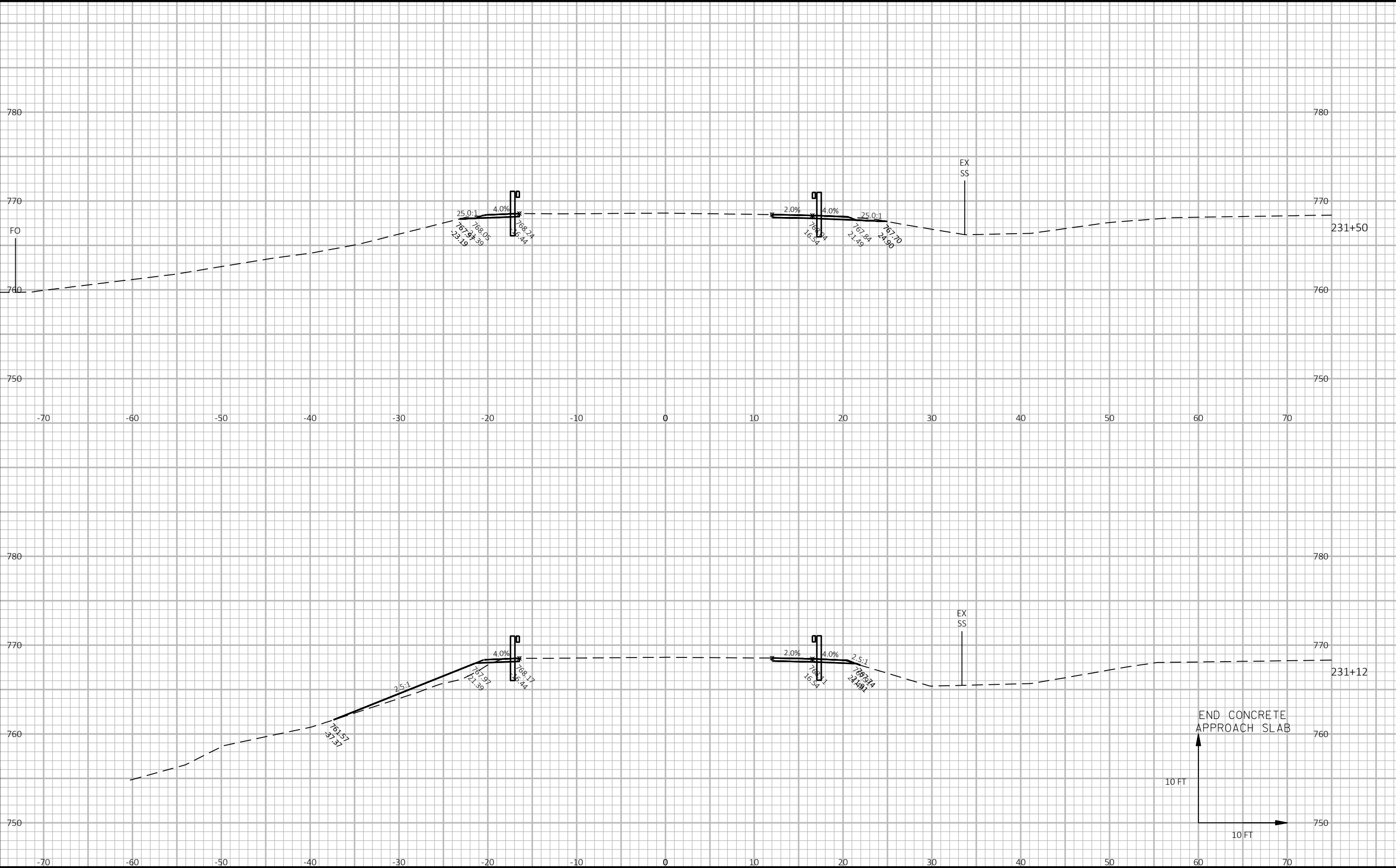
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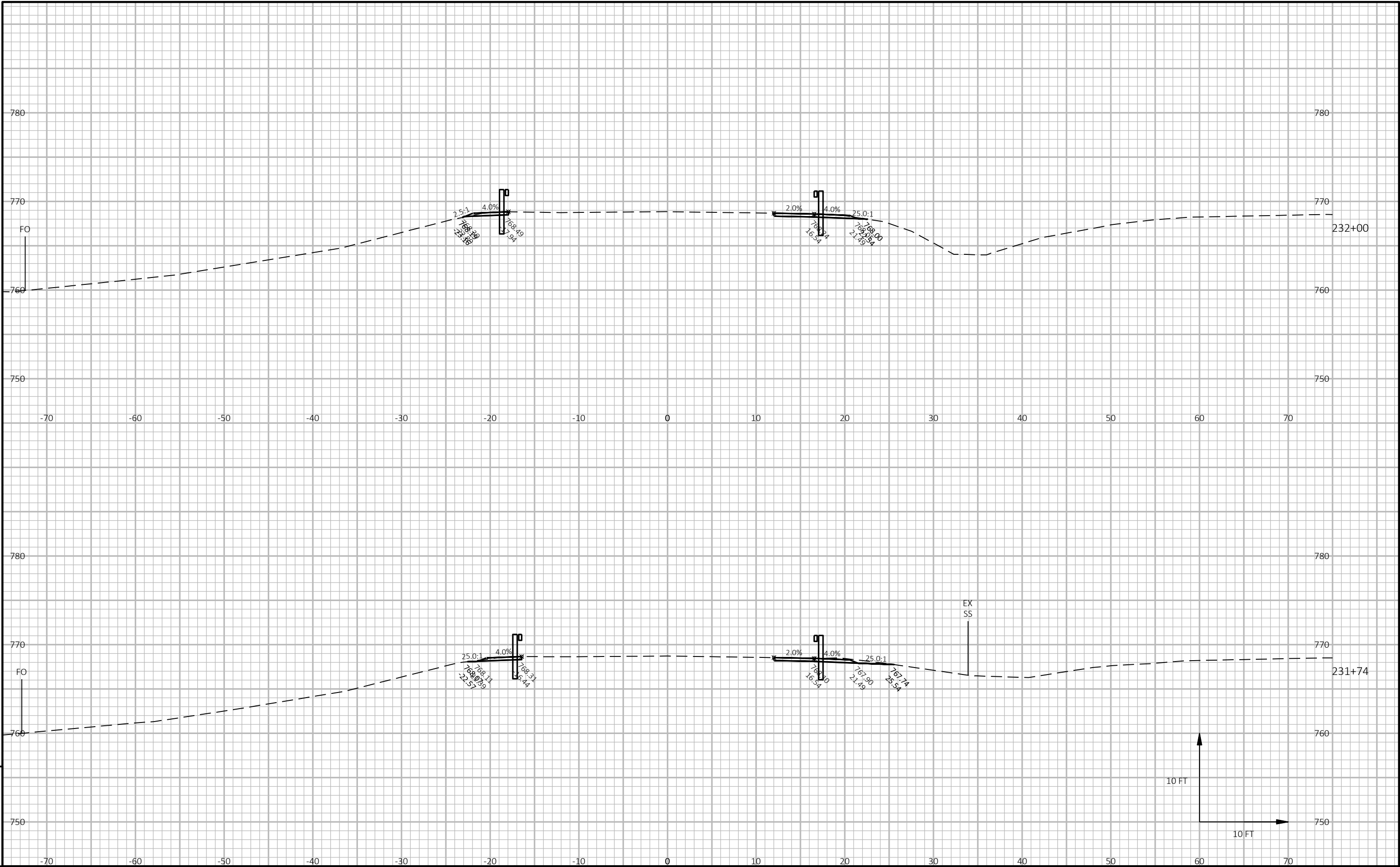


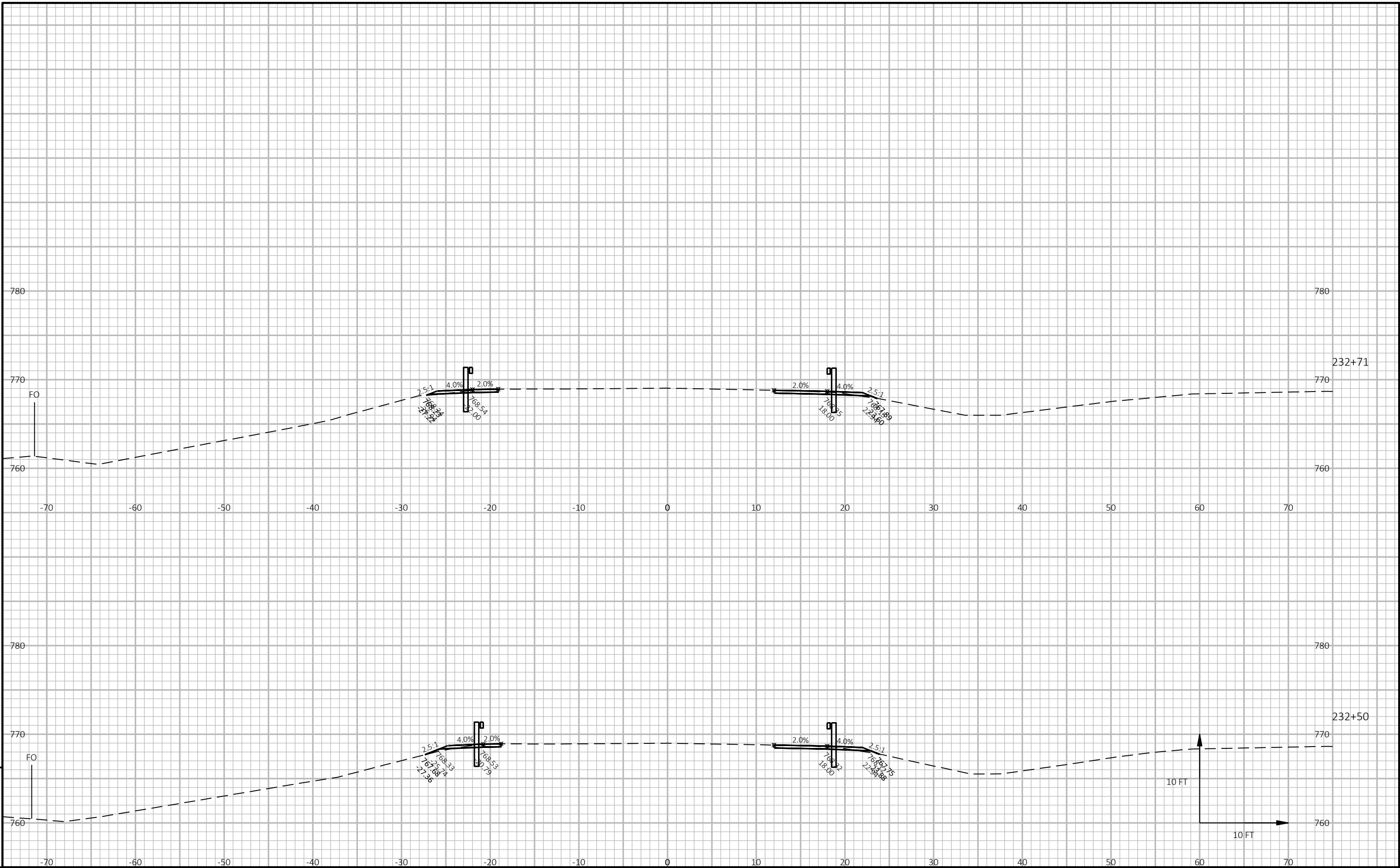


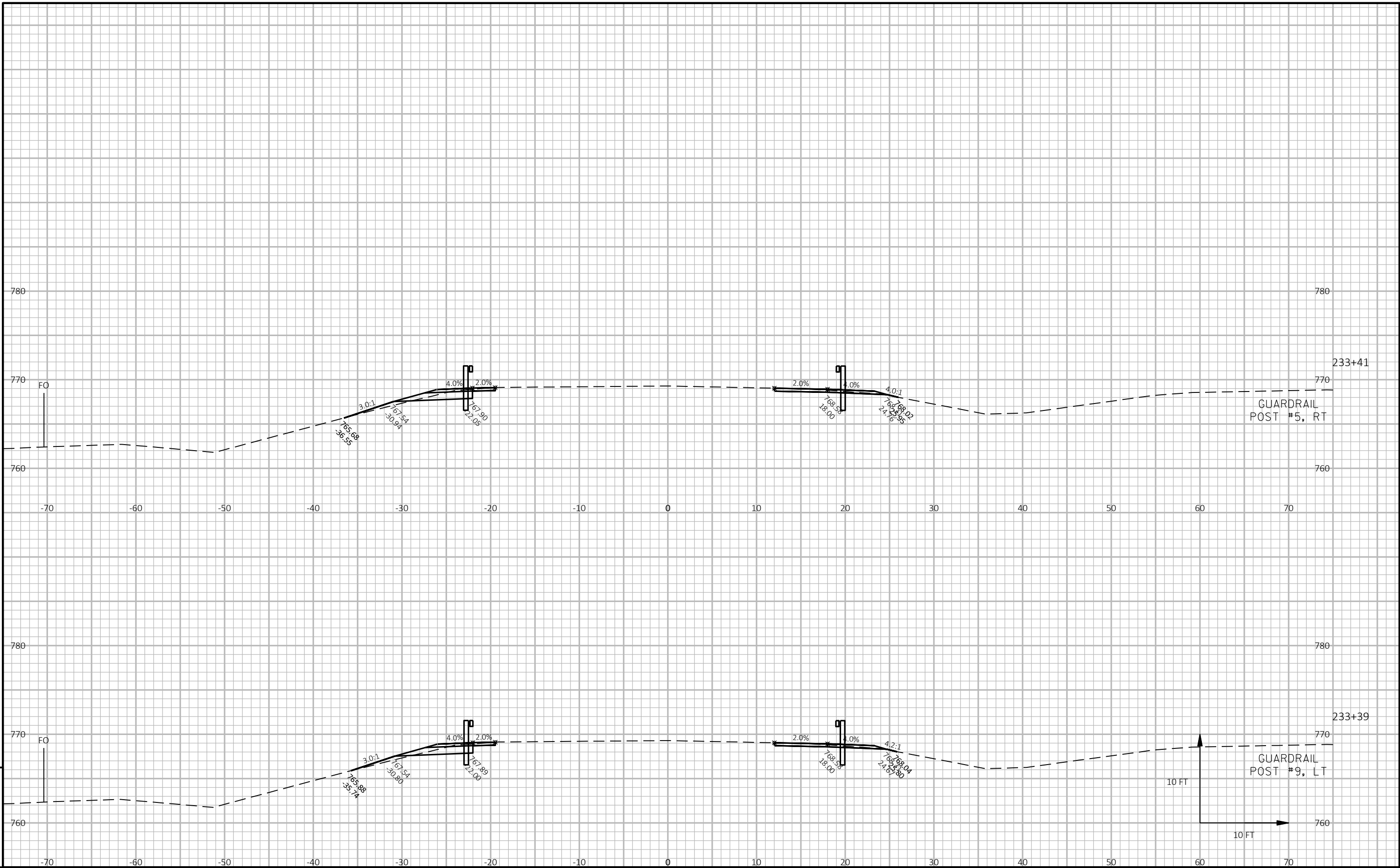


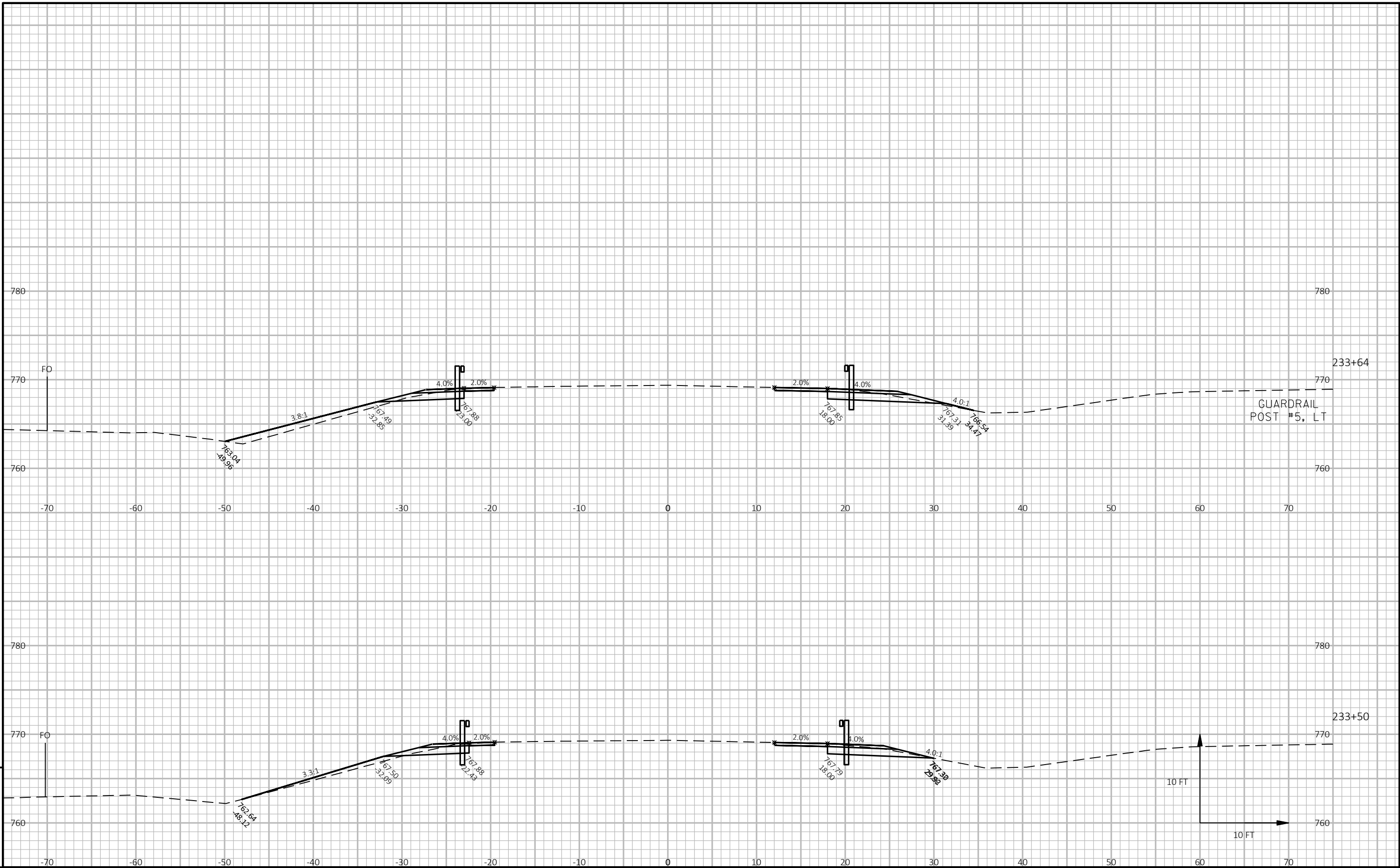
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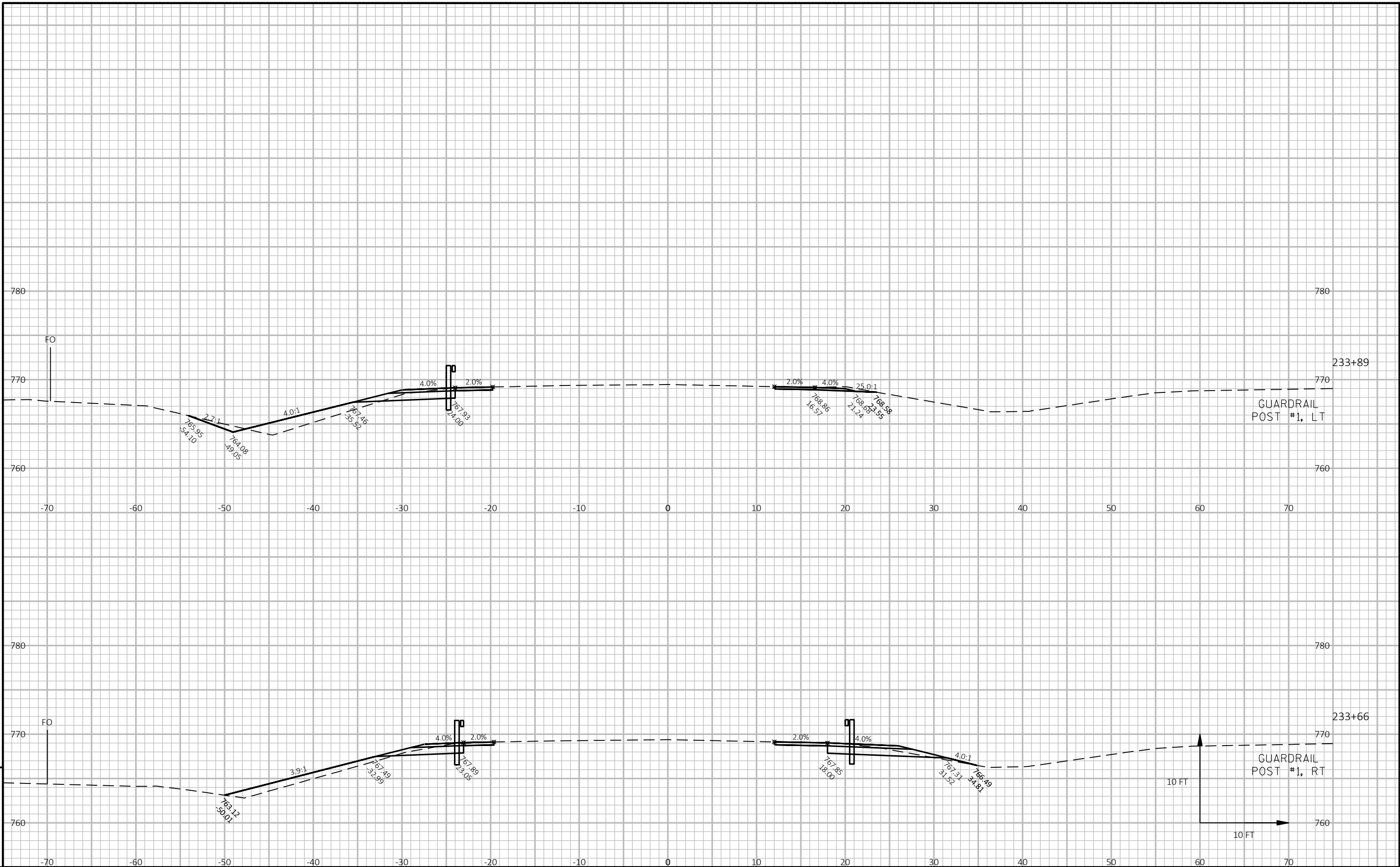


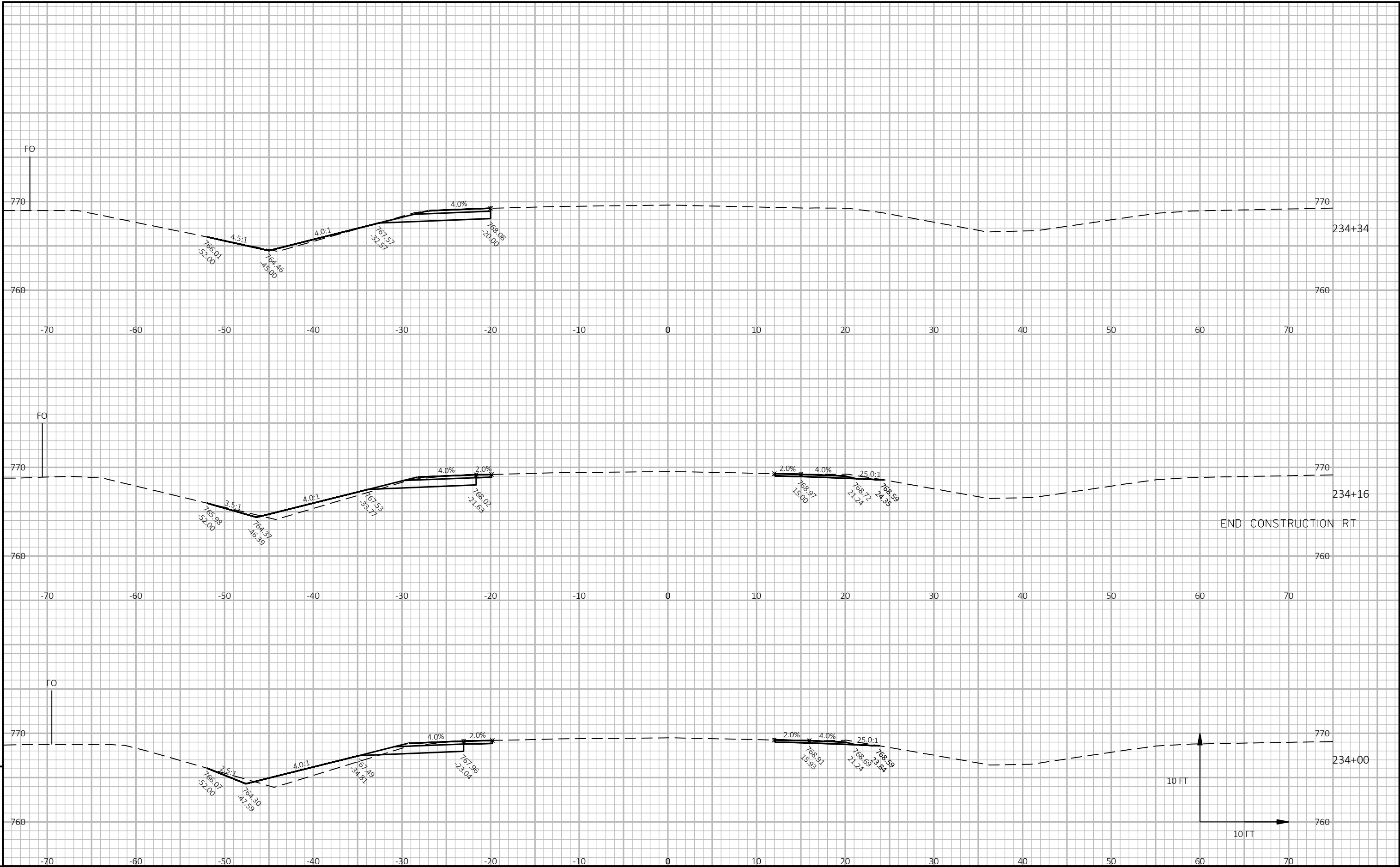


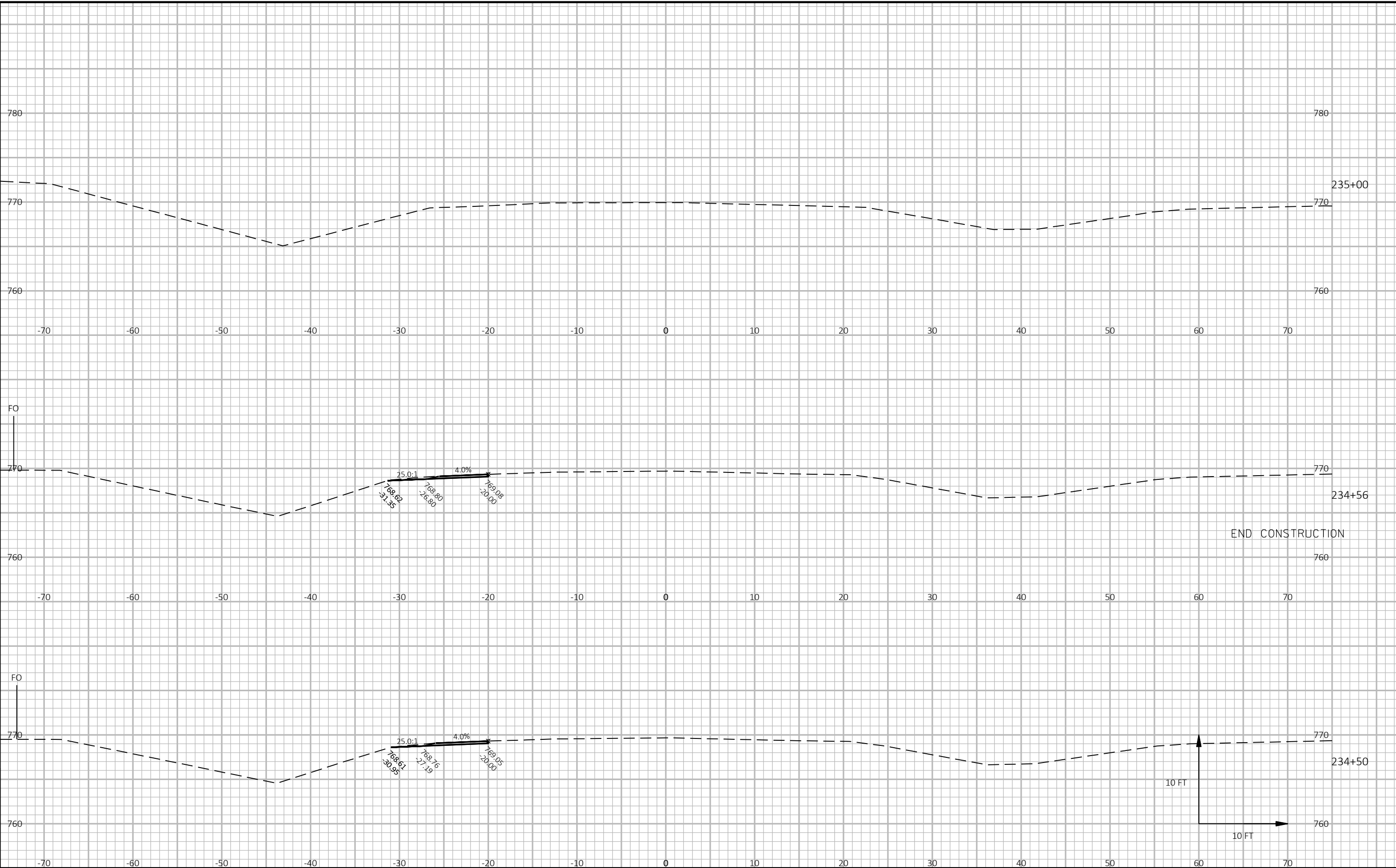


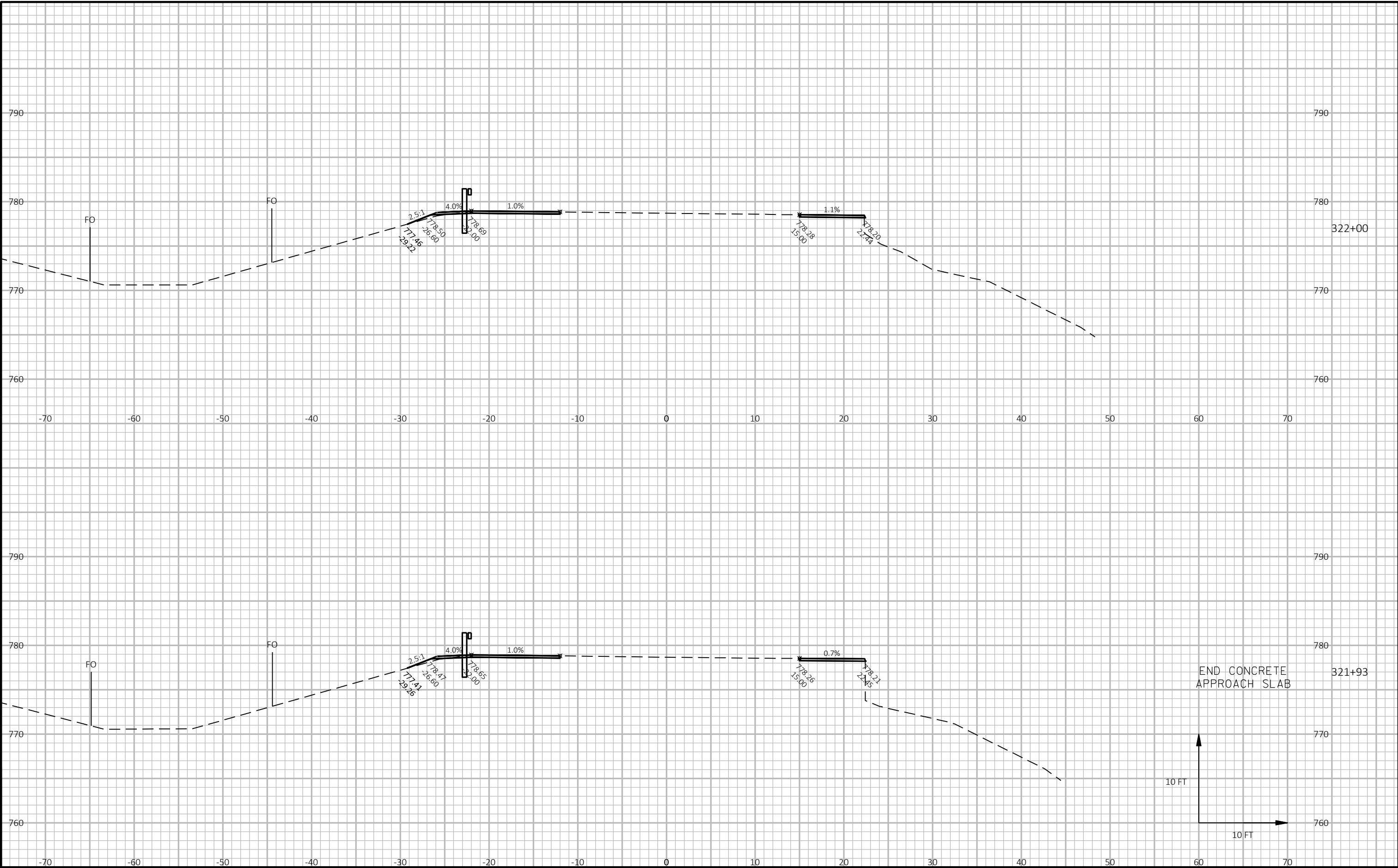
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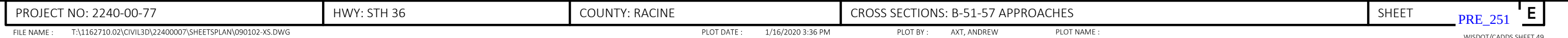
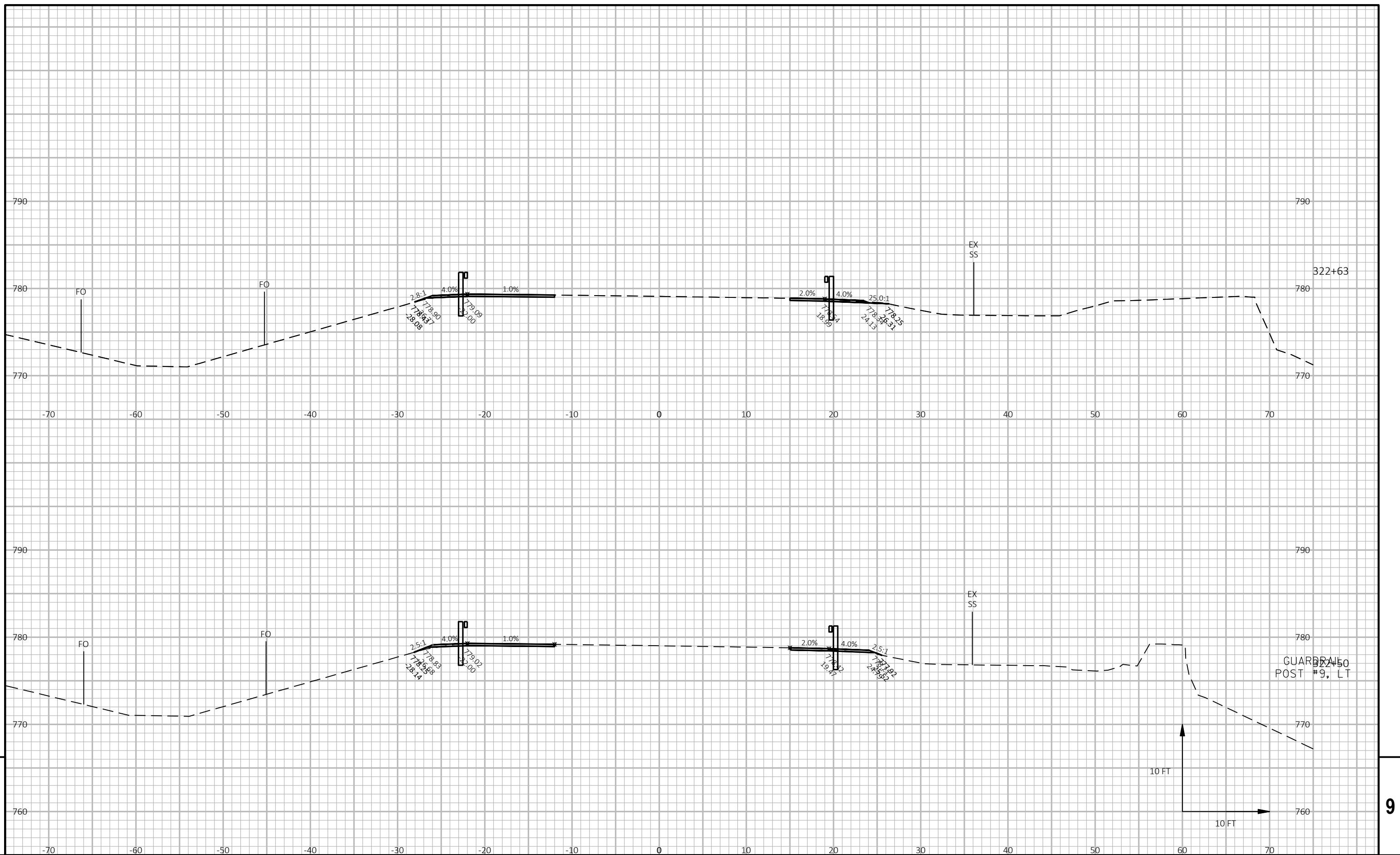


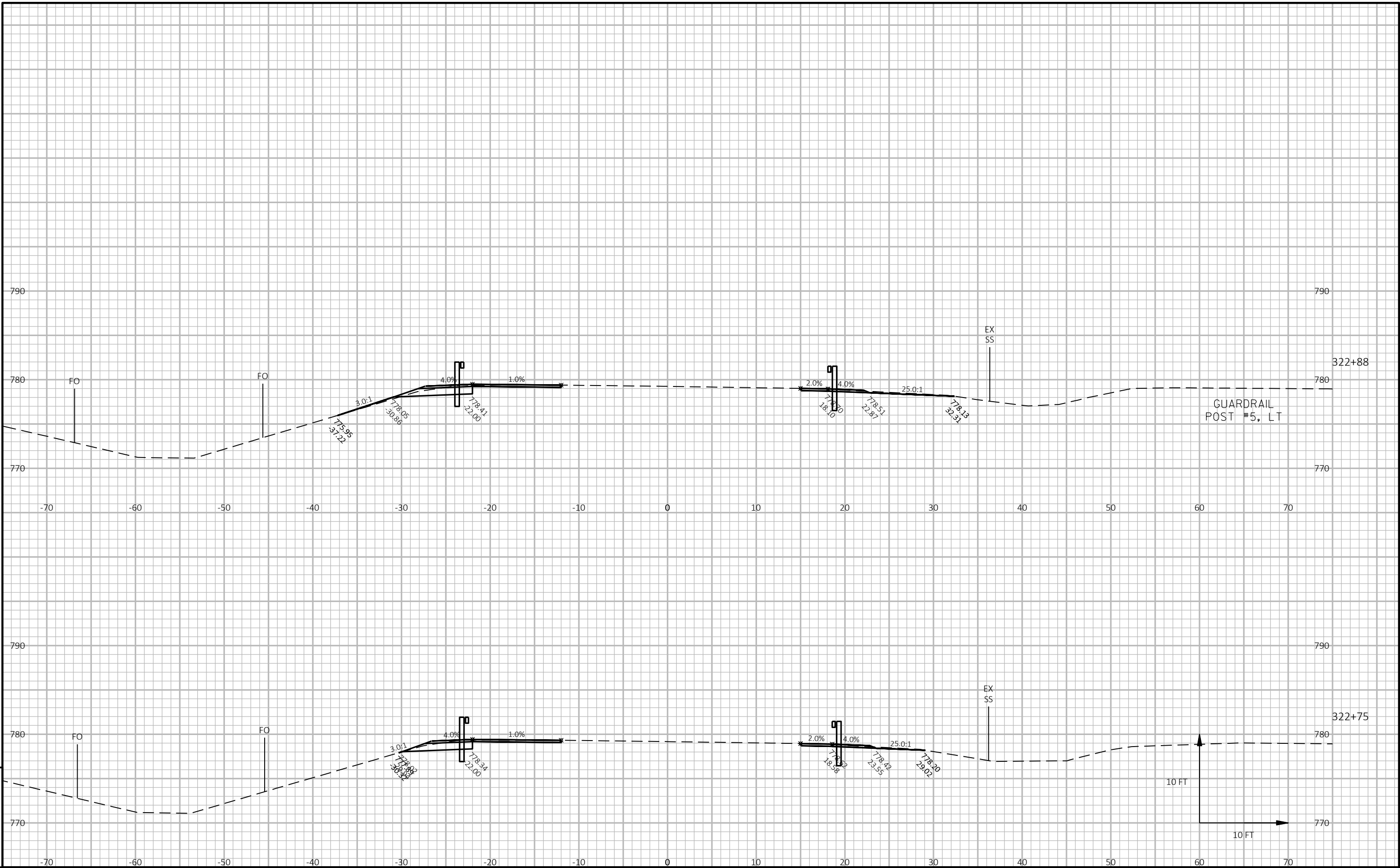


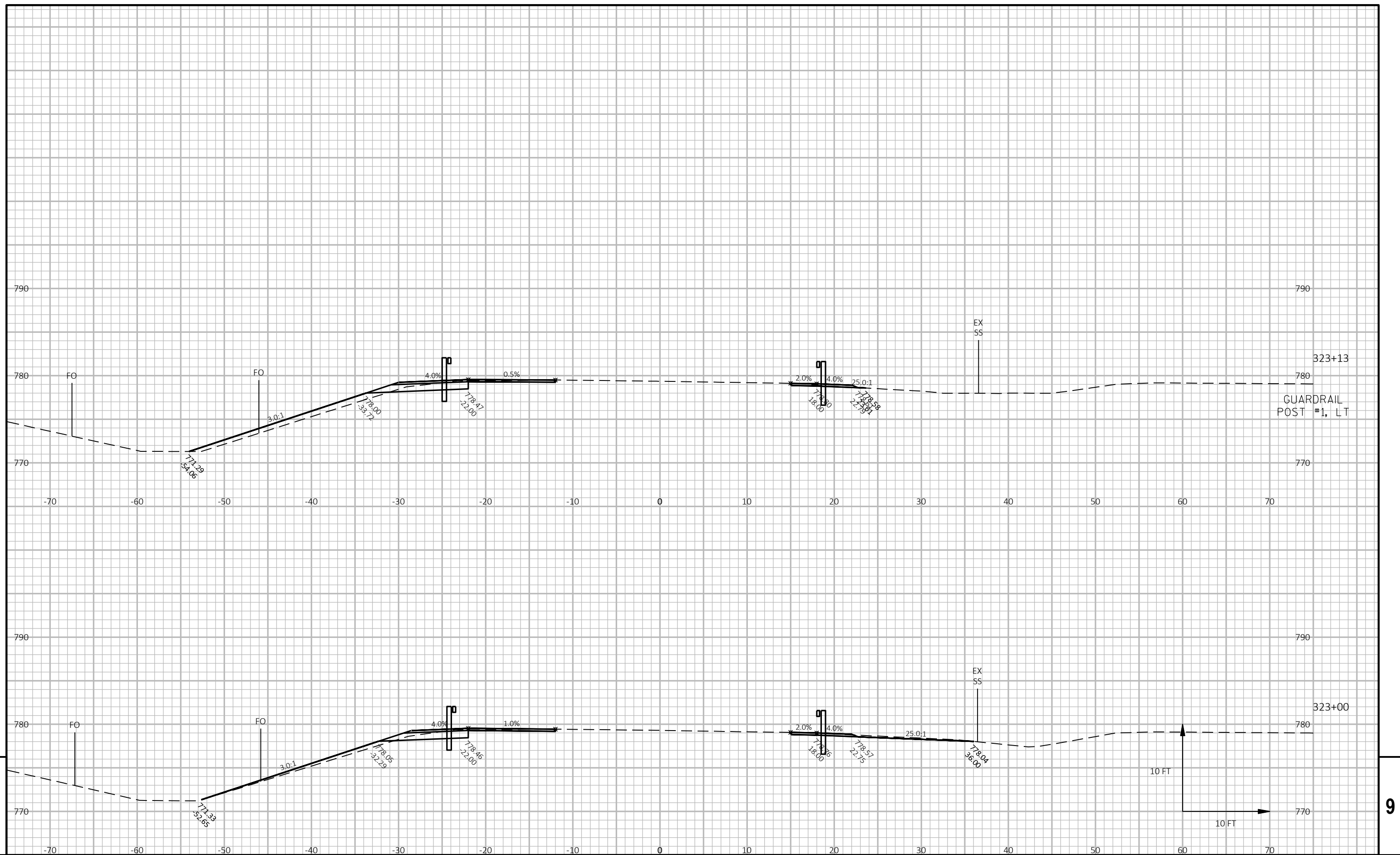


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PROJECT NO: 2240-00-77

HWY: STH 36

COUNTY: RACINE

CROSS SECTIONS: B-51-57 APPROACHES

SHEET

PRE_253

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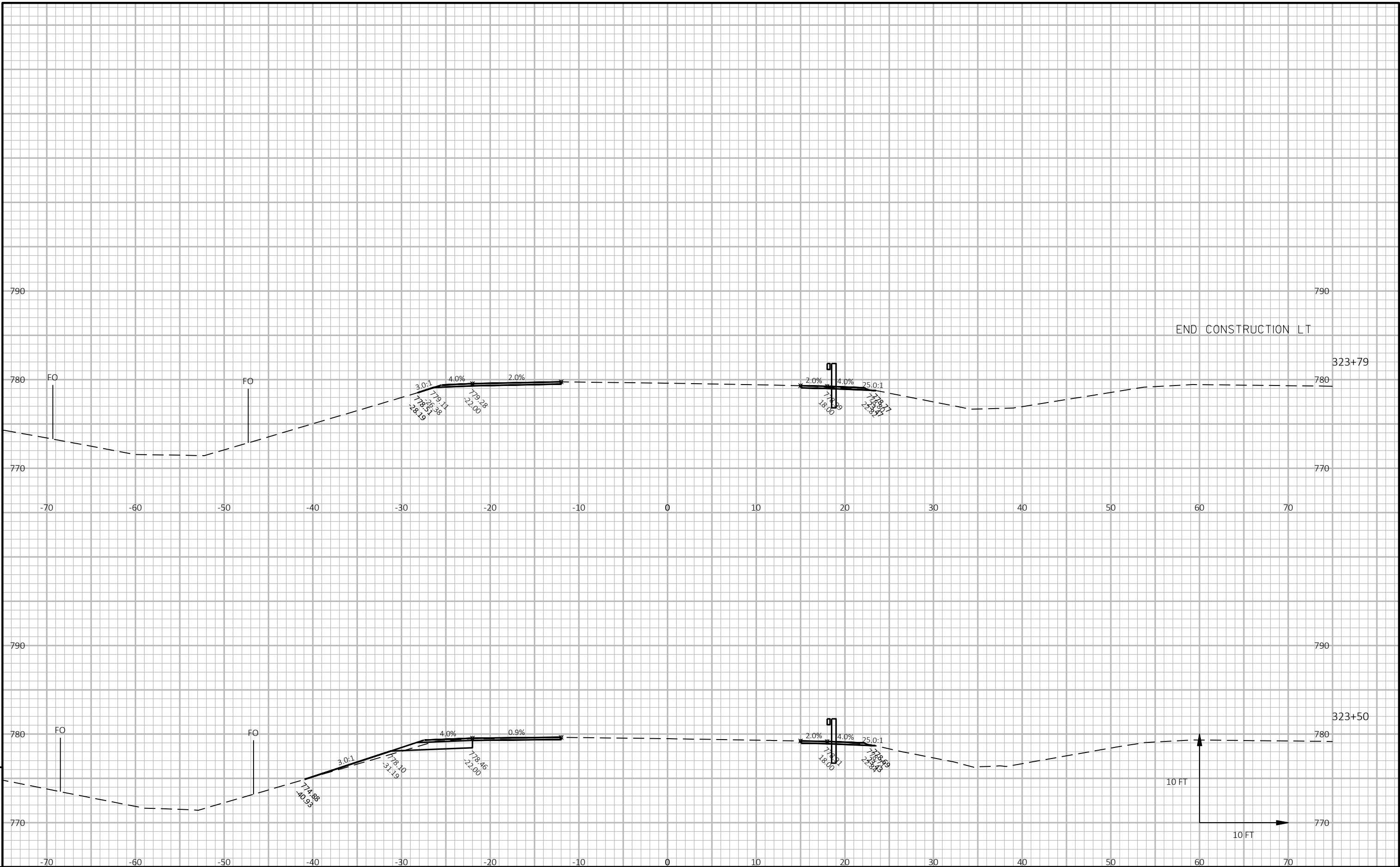
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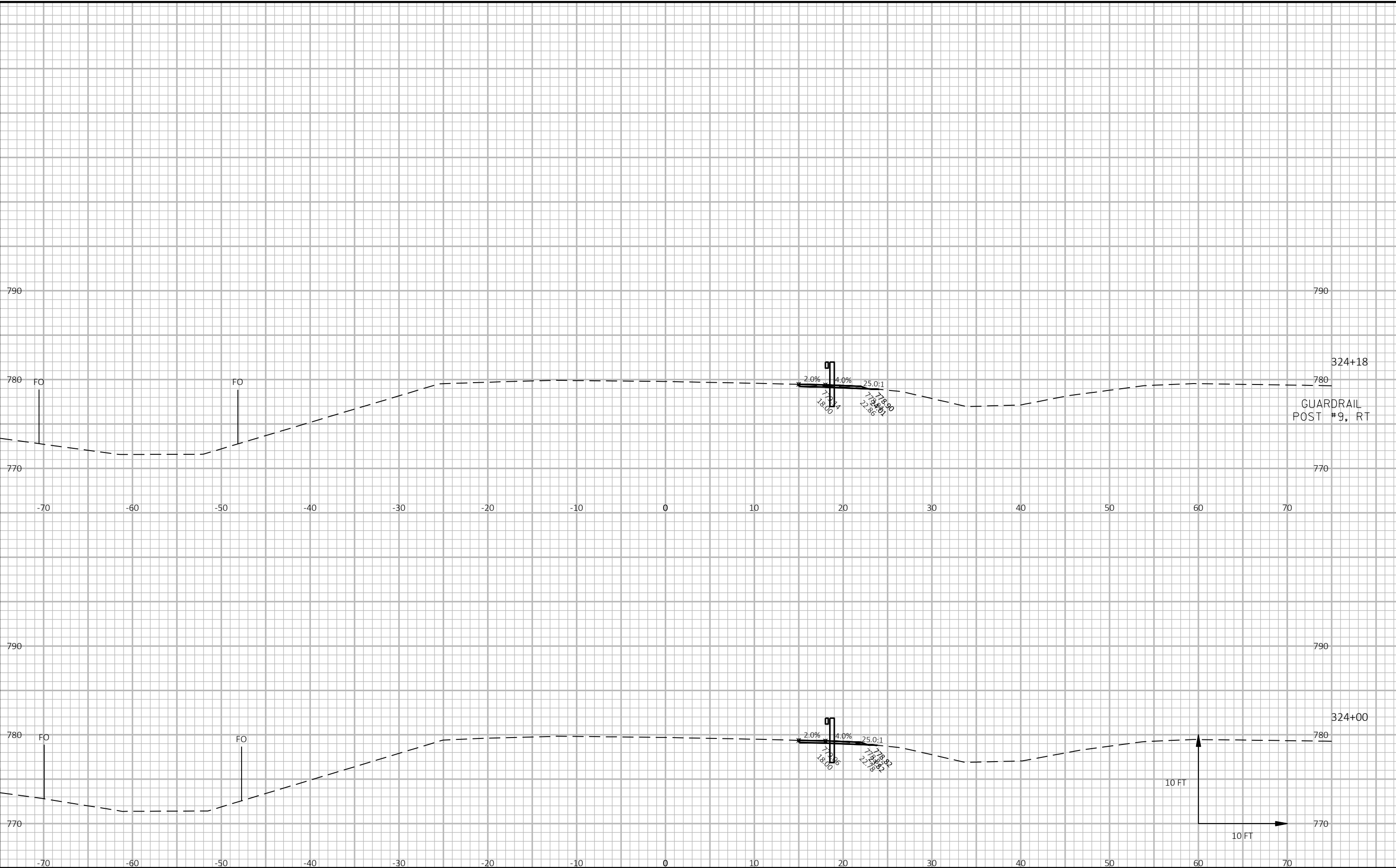
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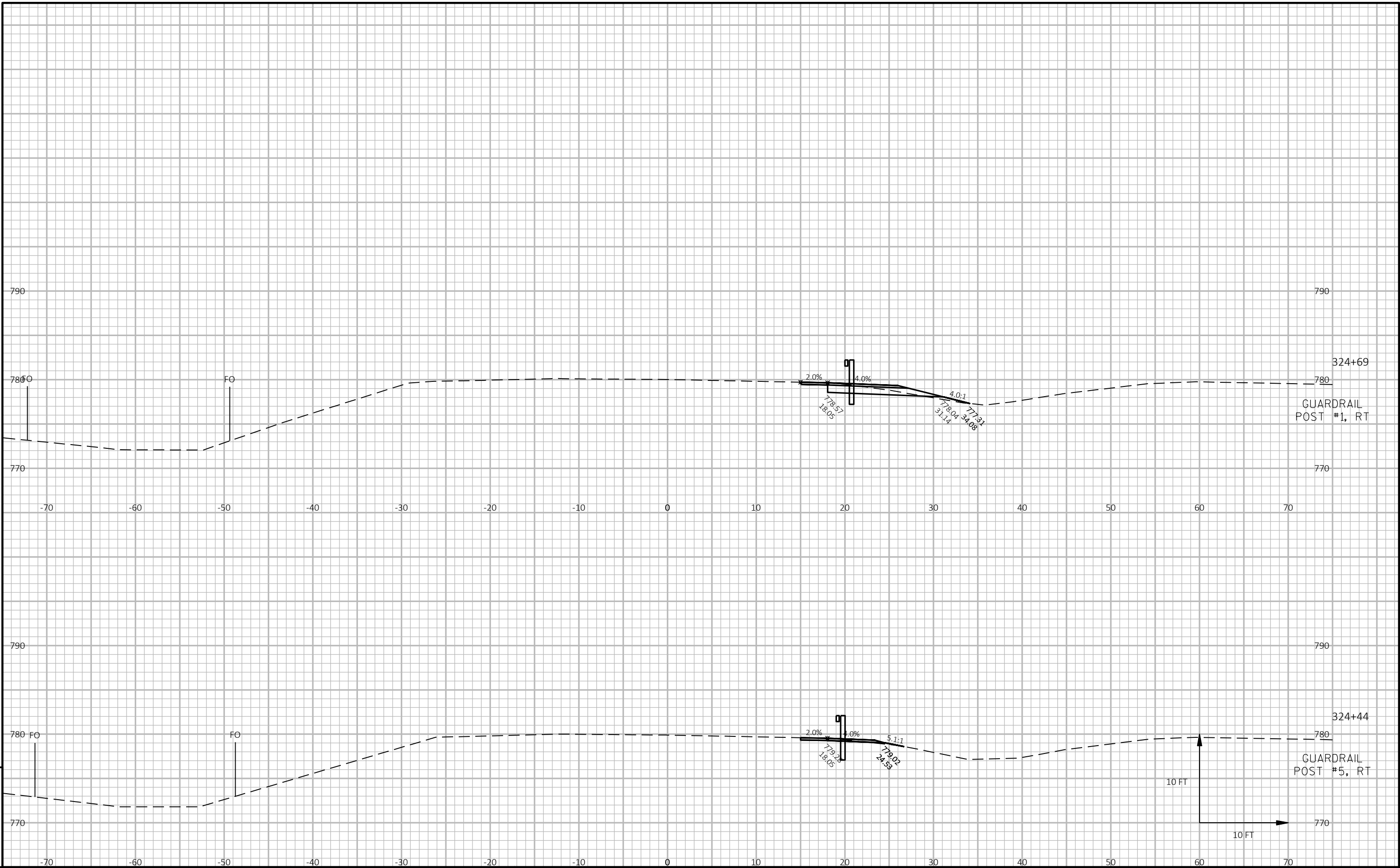
WISDOT/CADDs SHEET 49

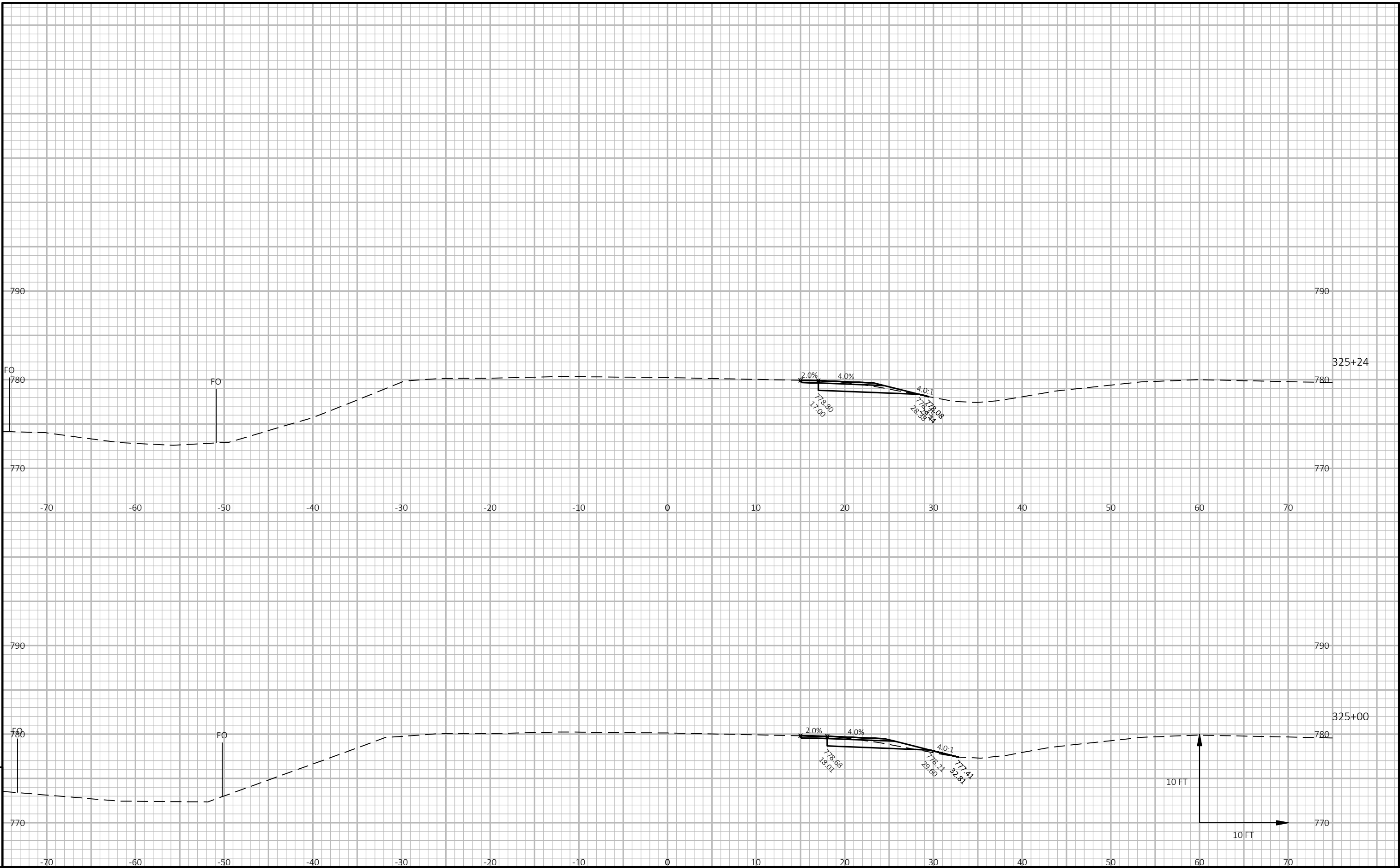


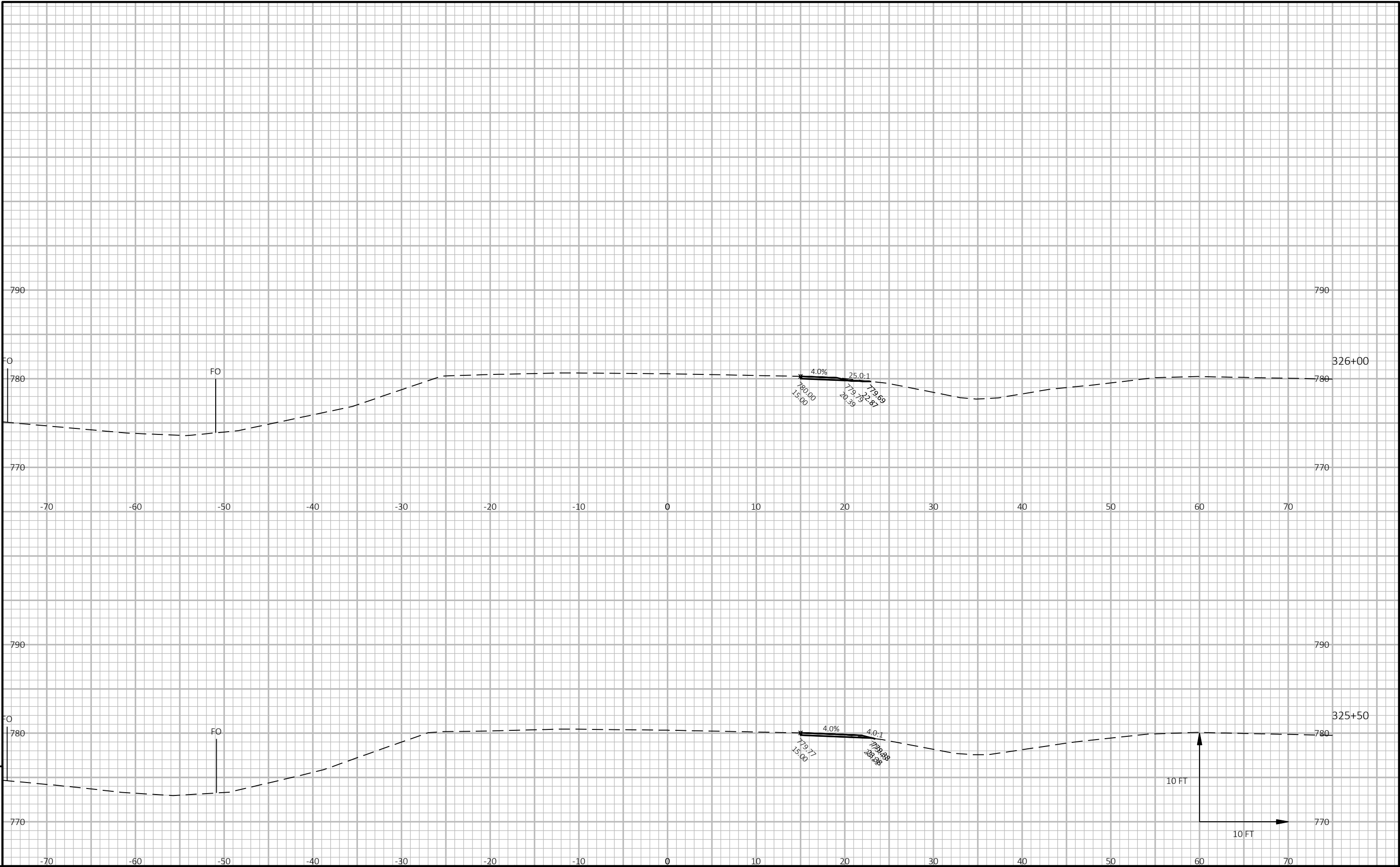


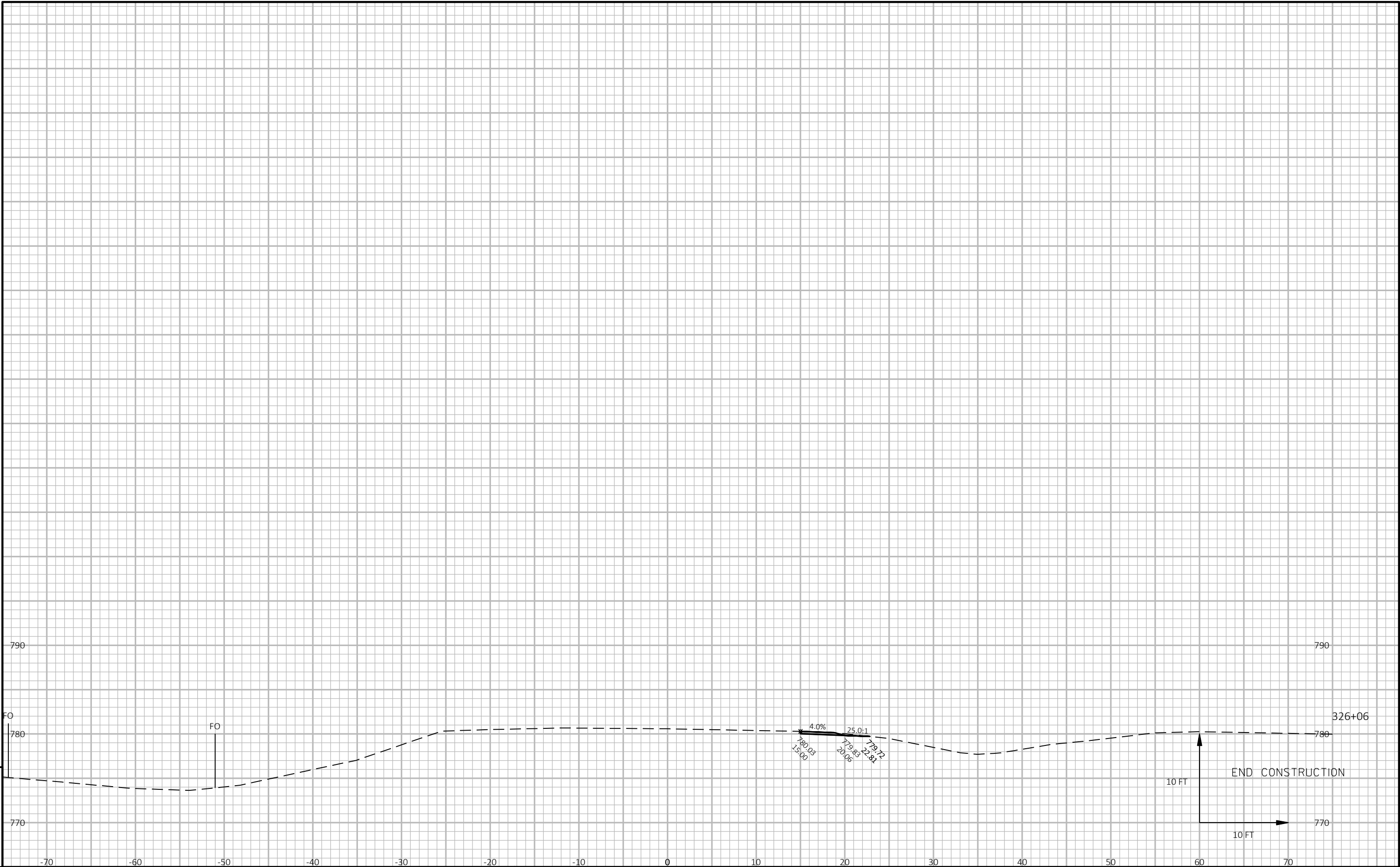
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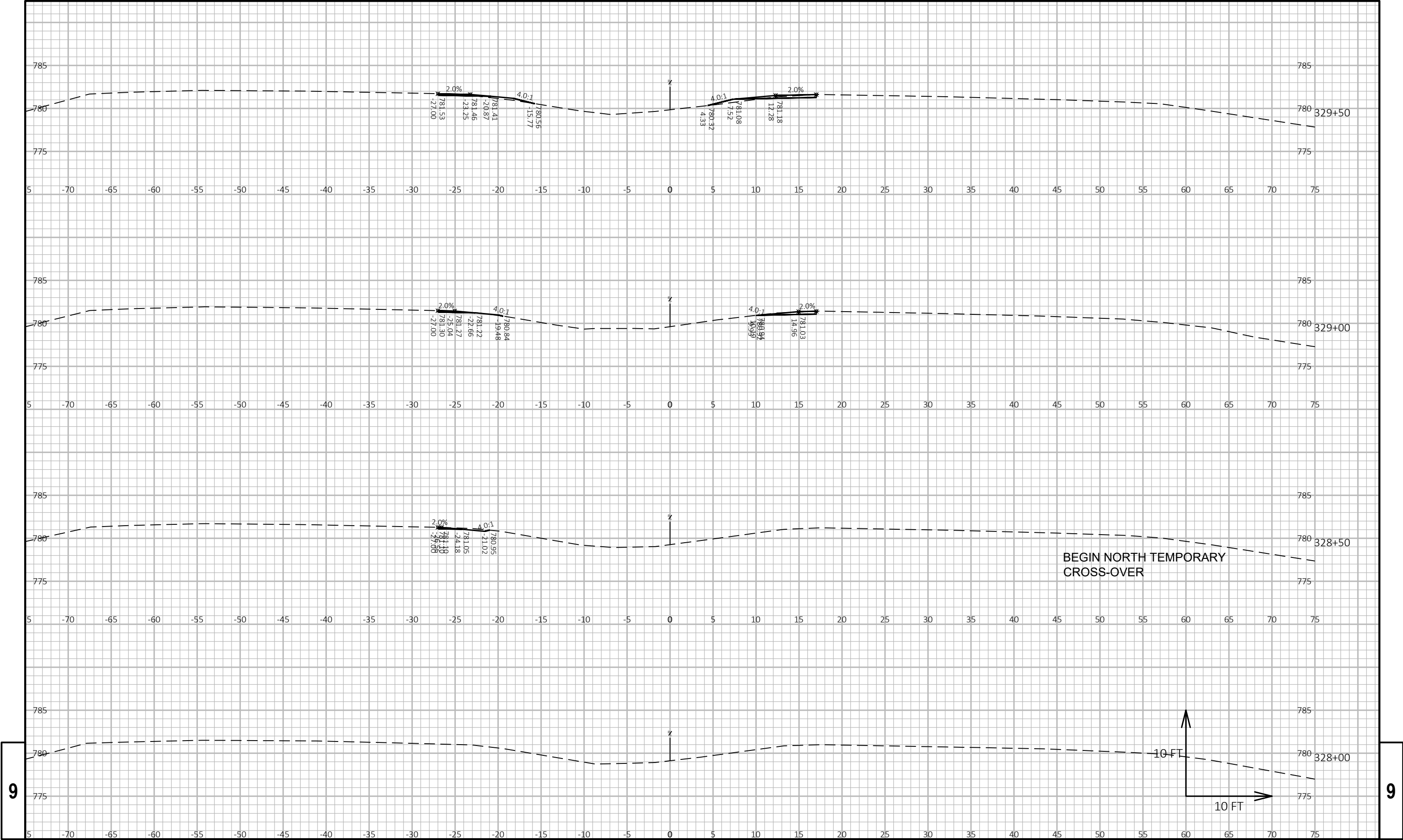
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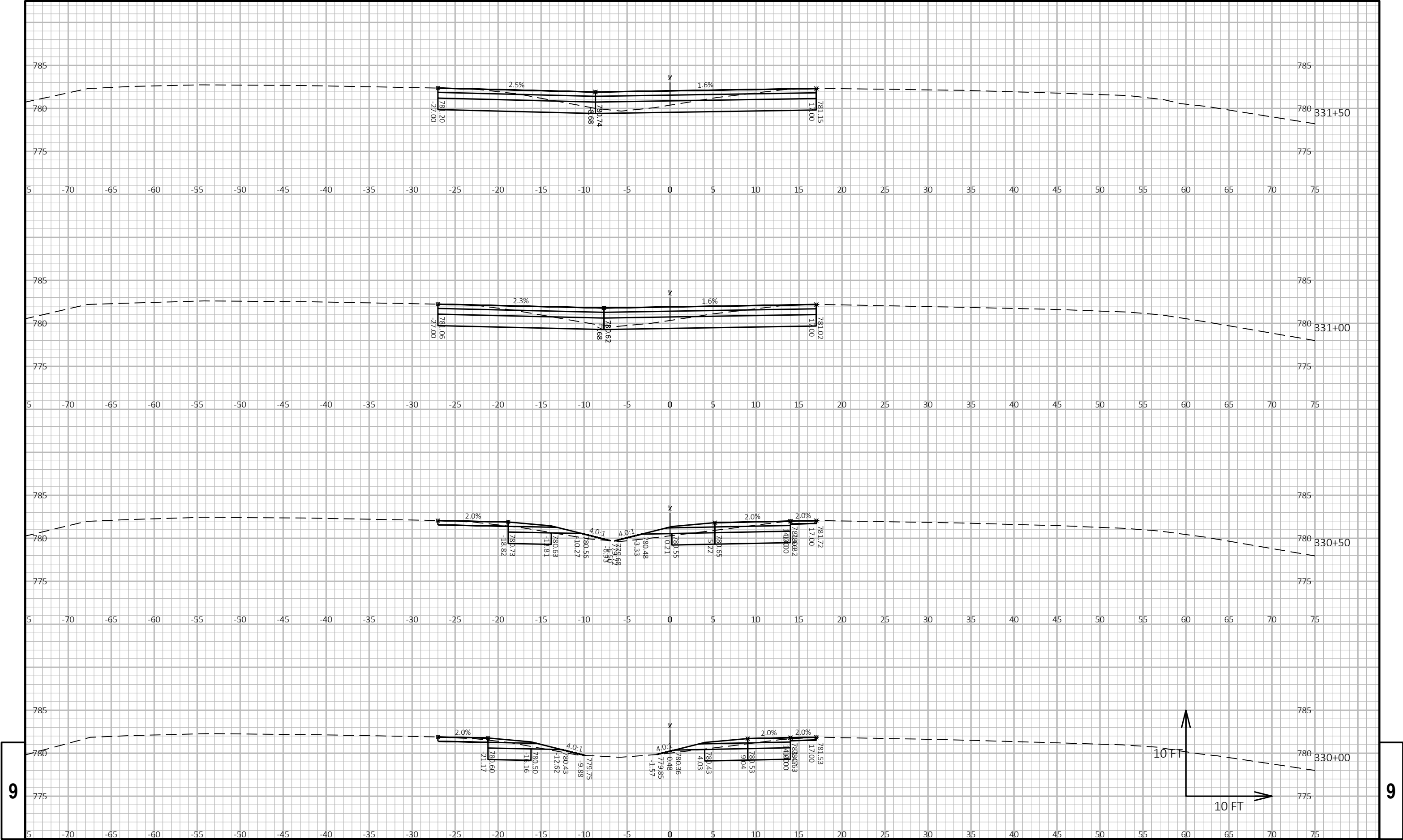


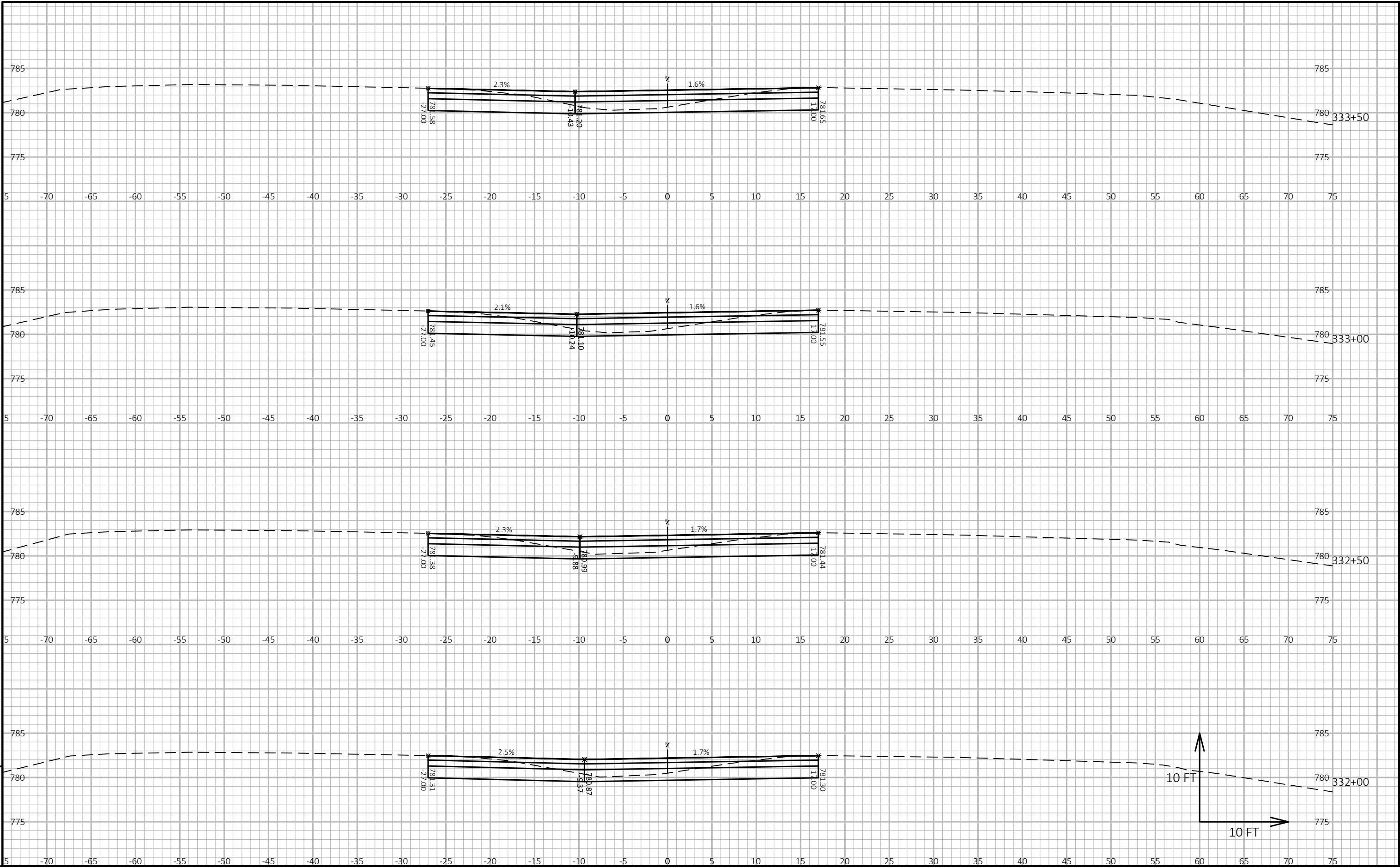






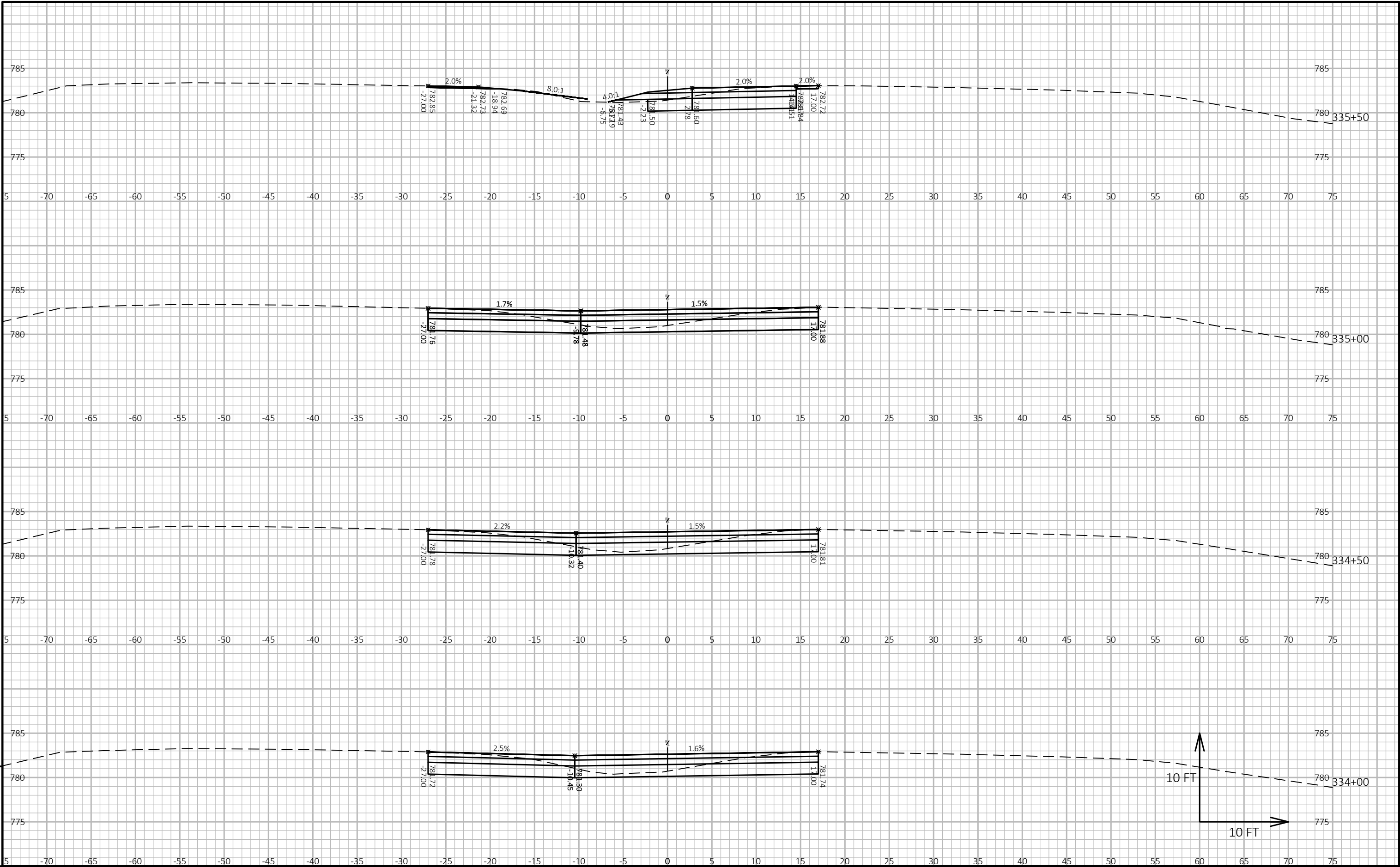


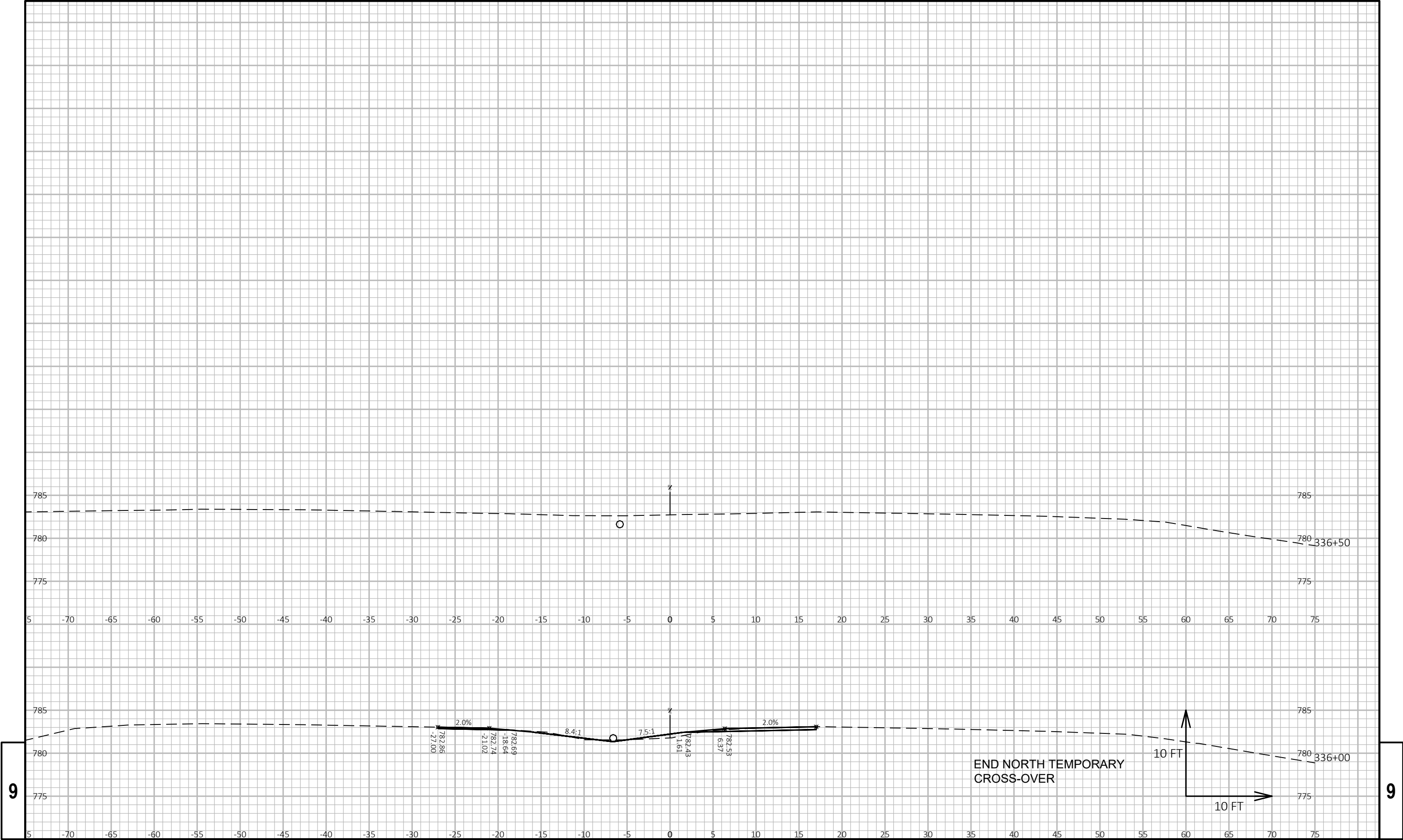


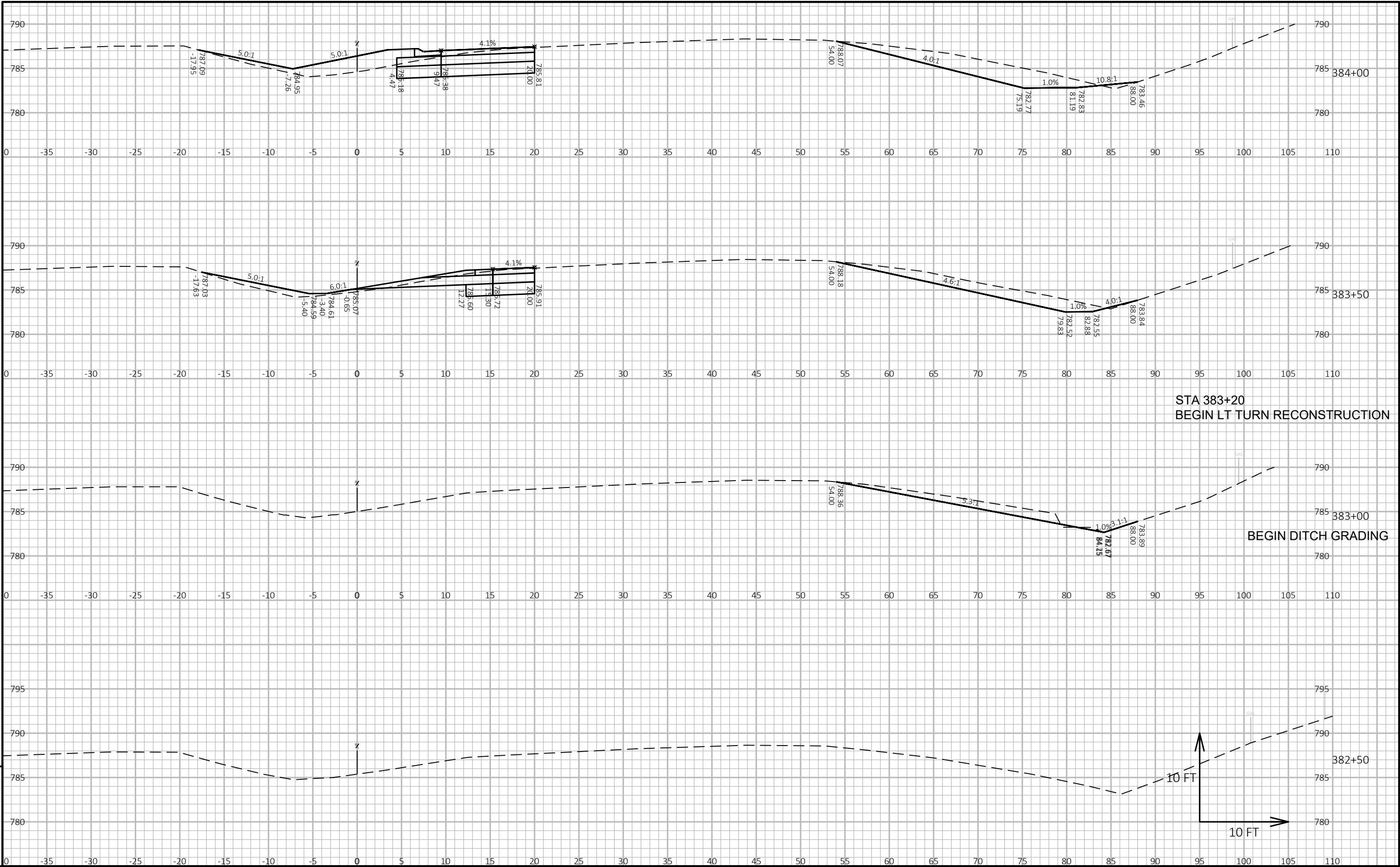


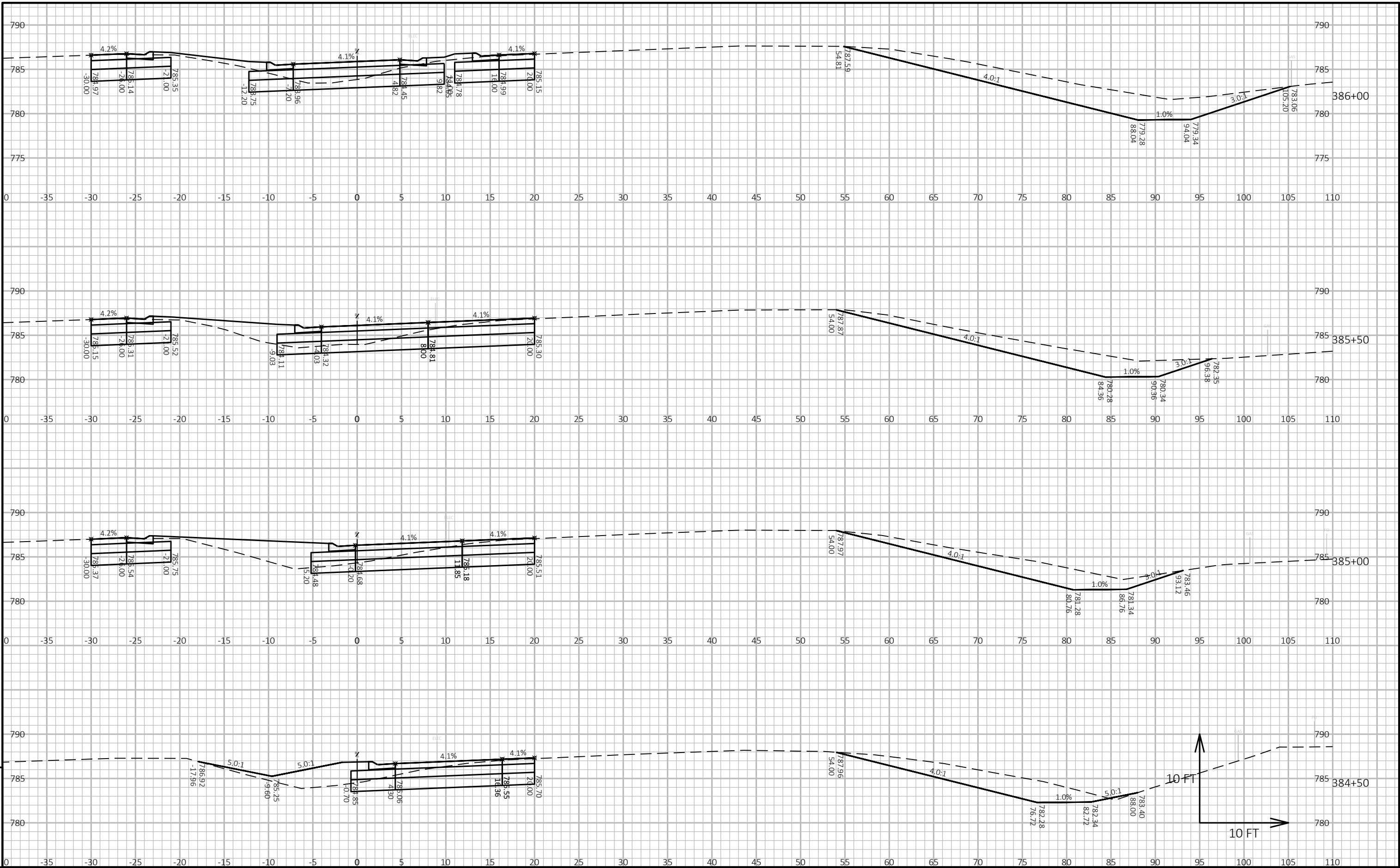
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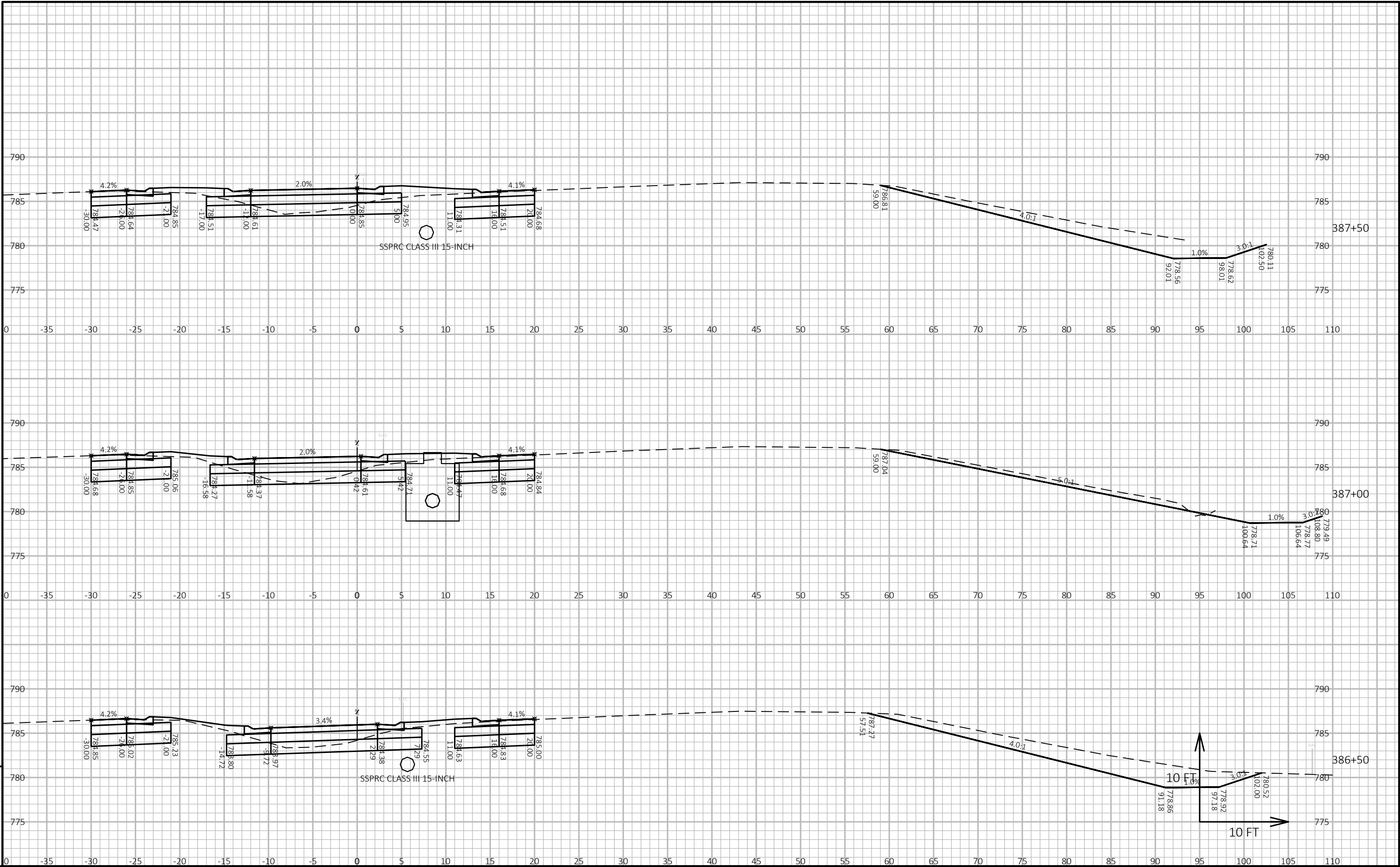
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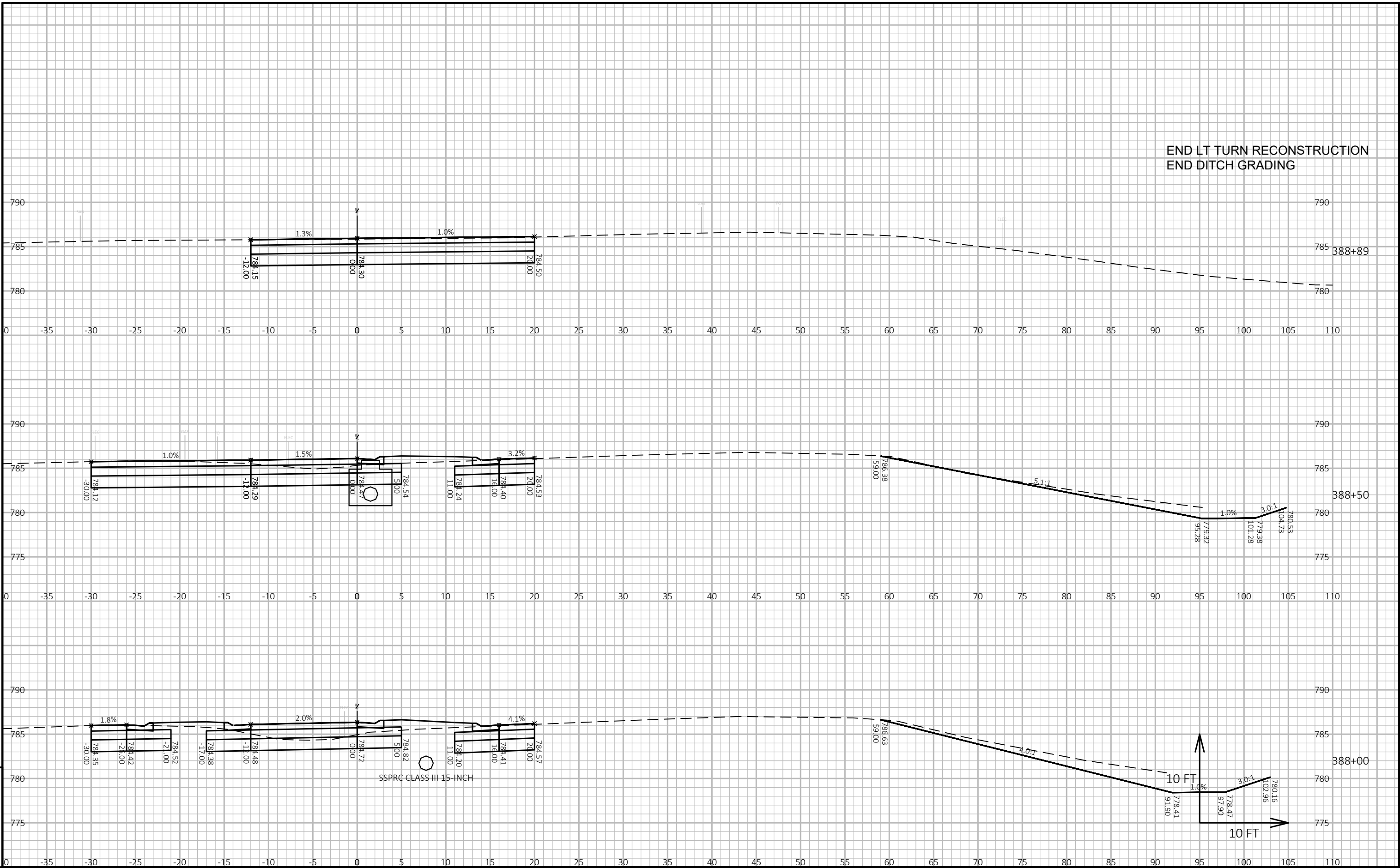






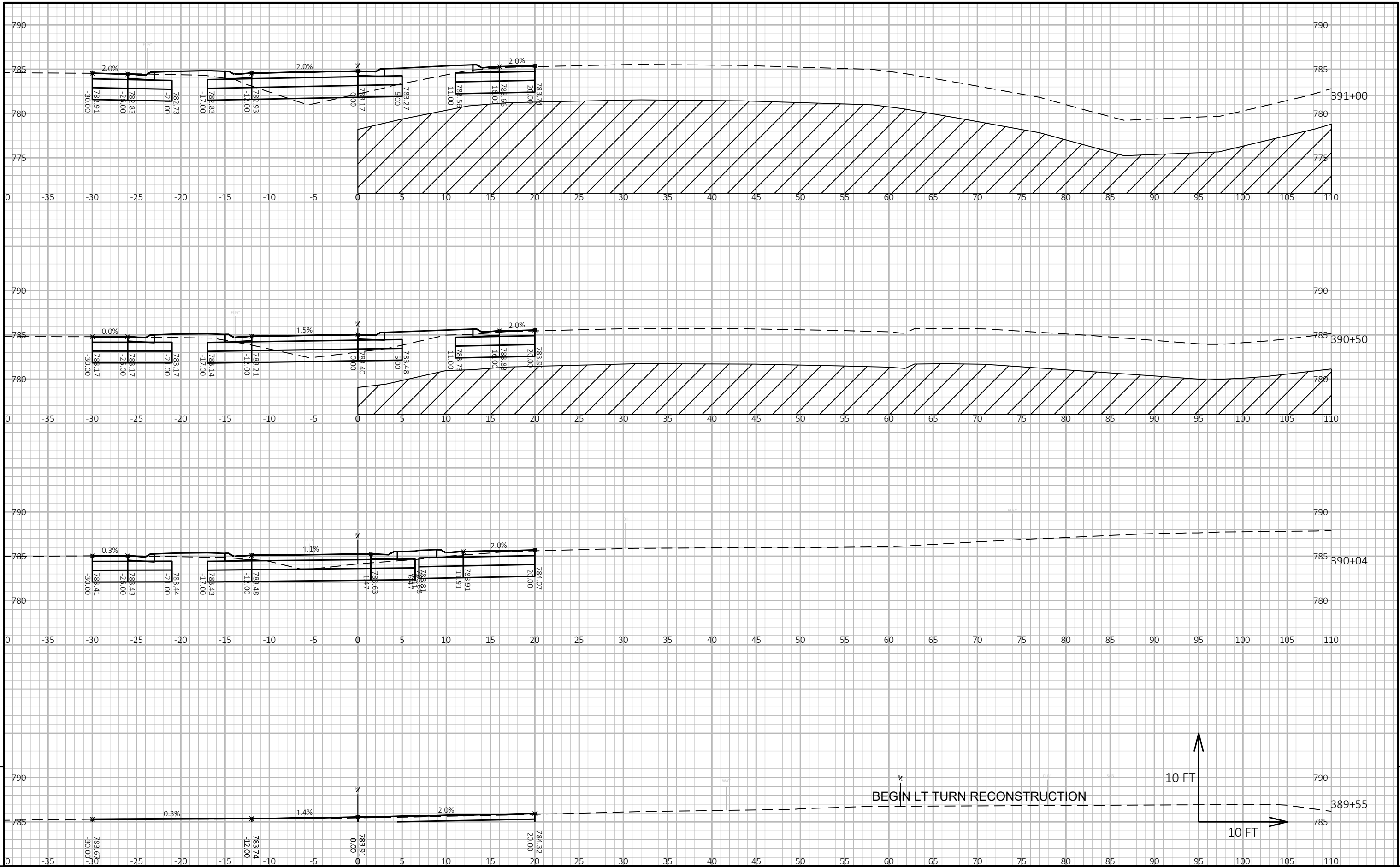


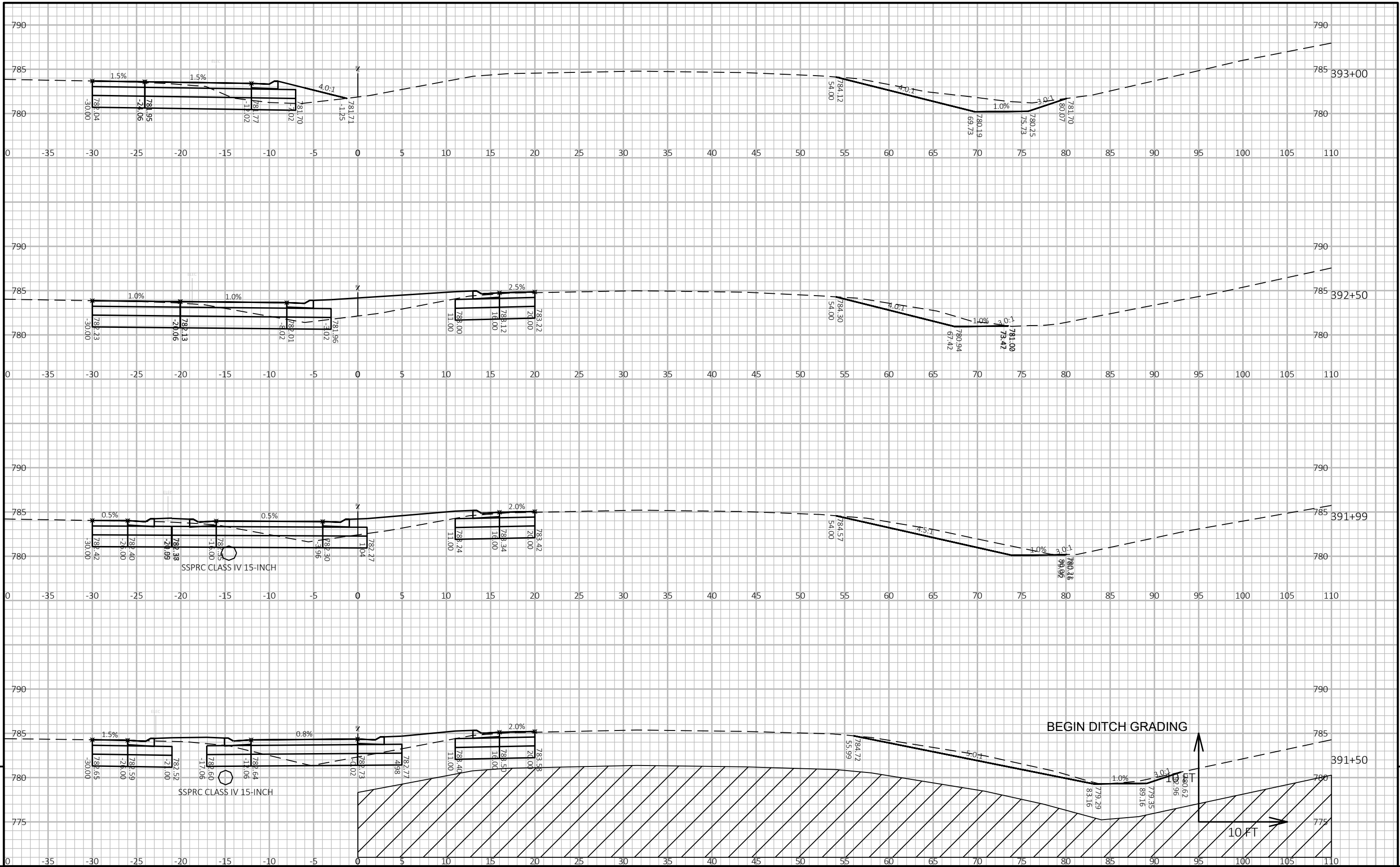


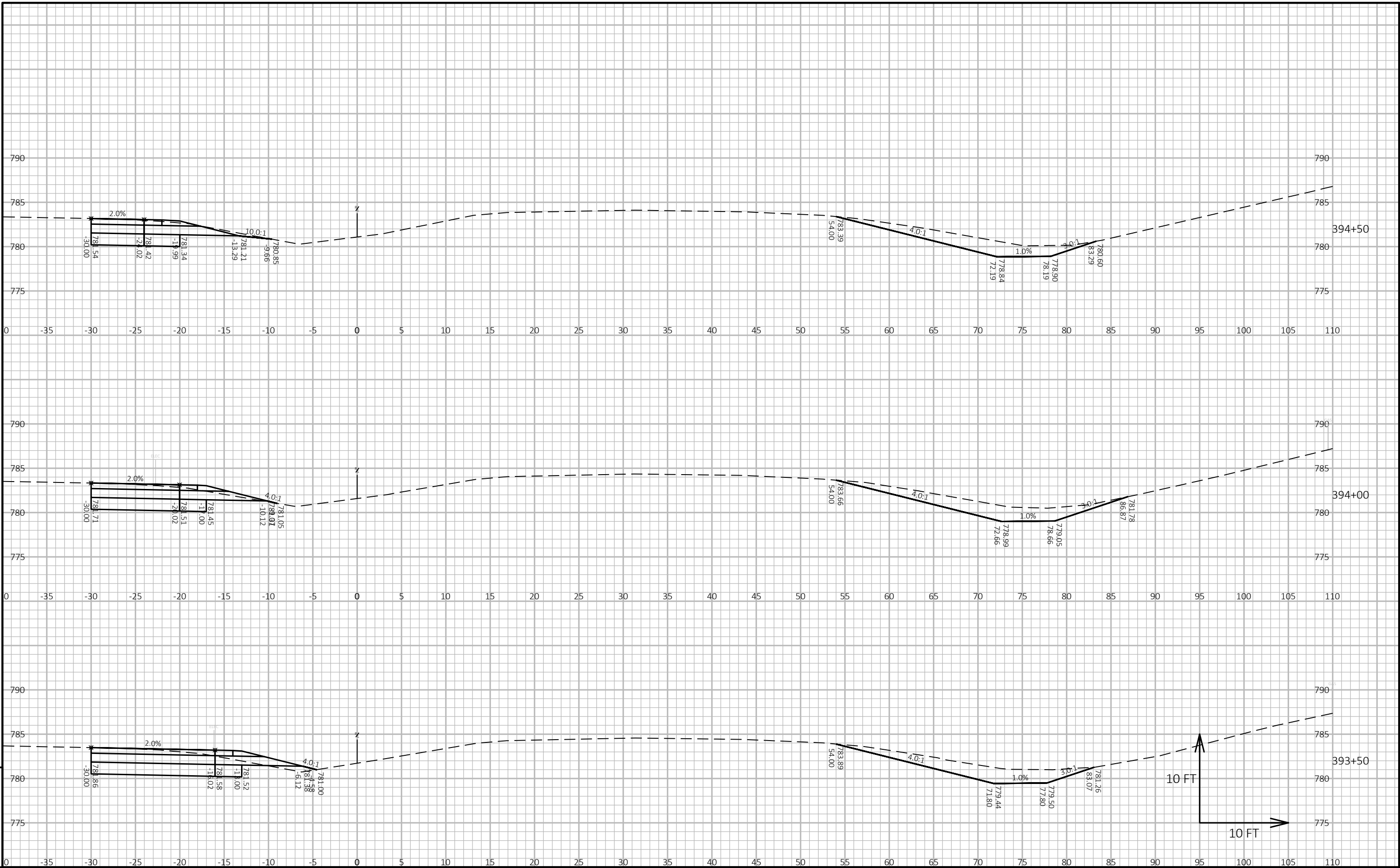


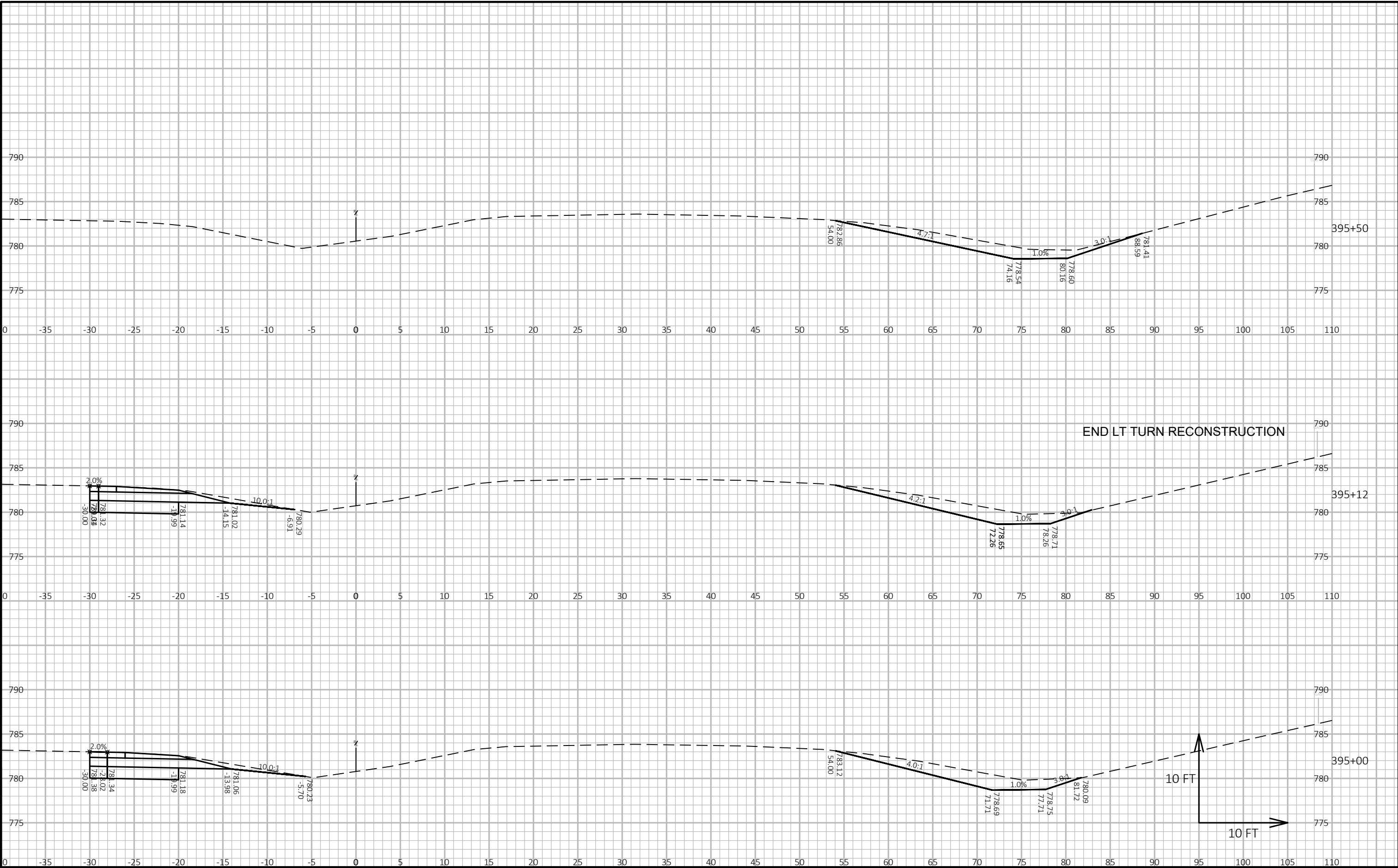
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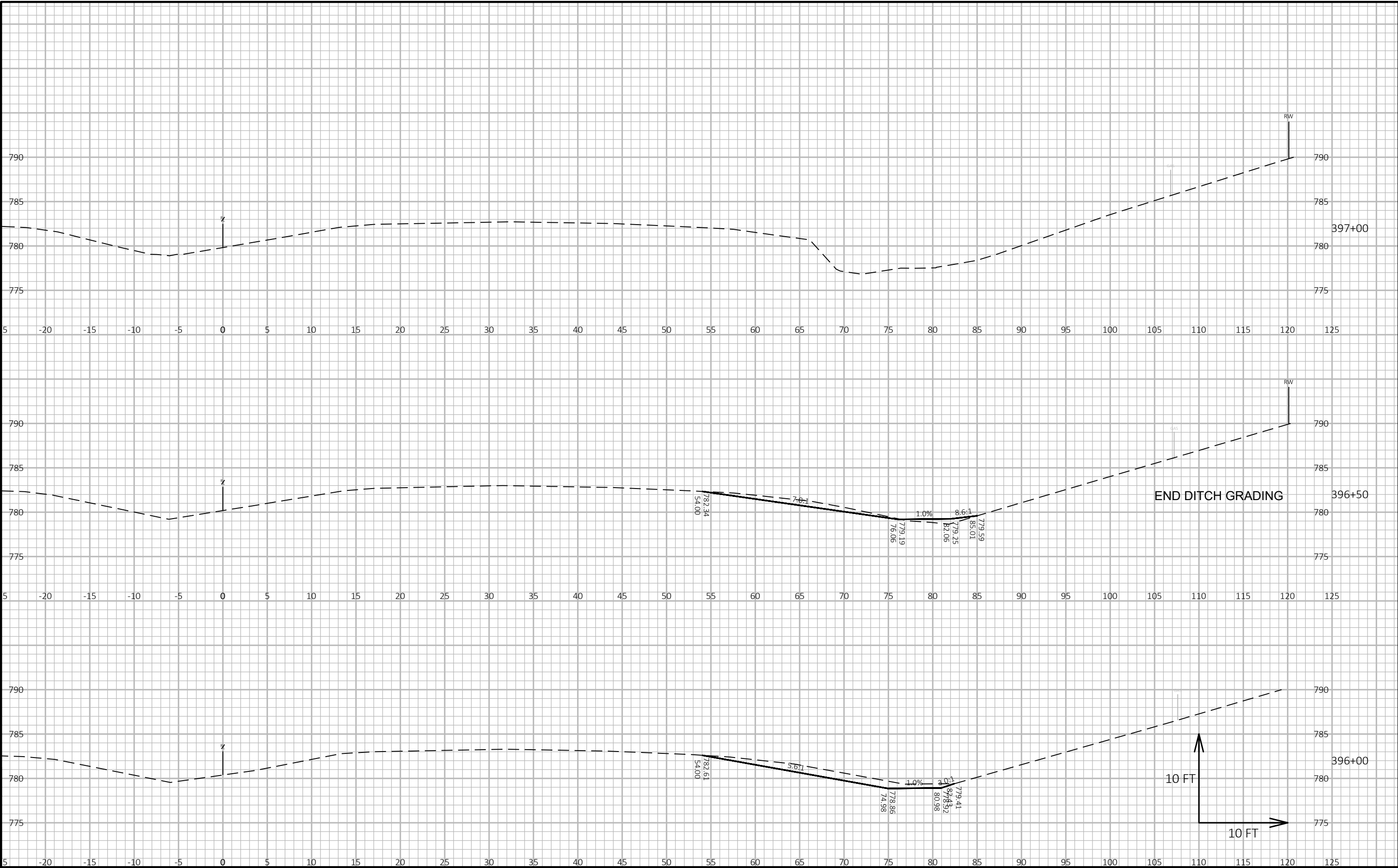
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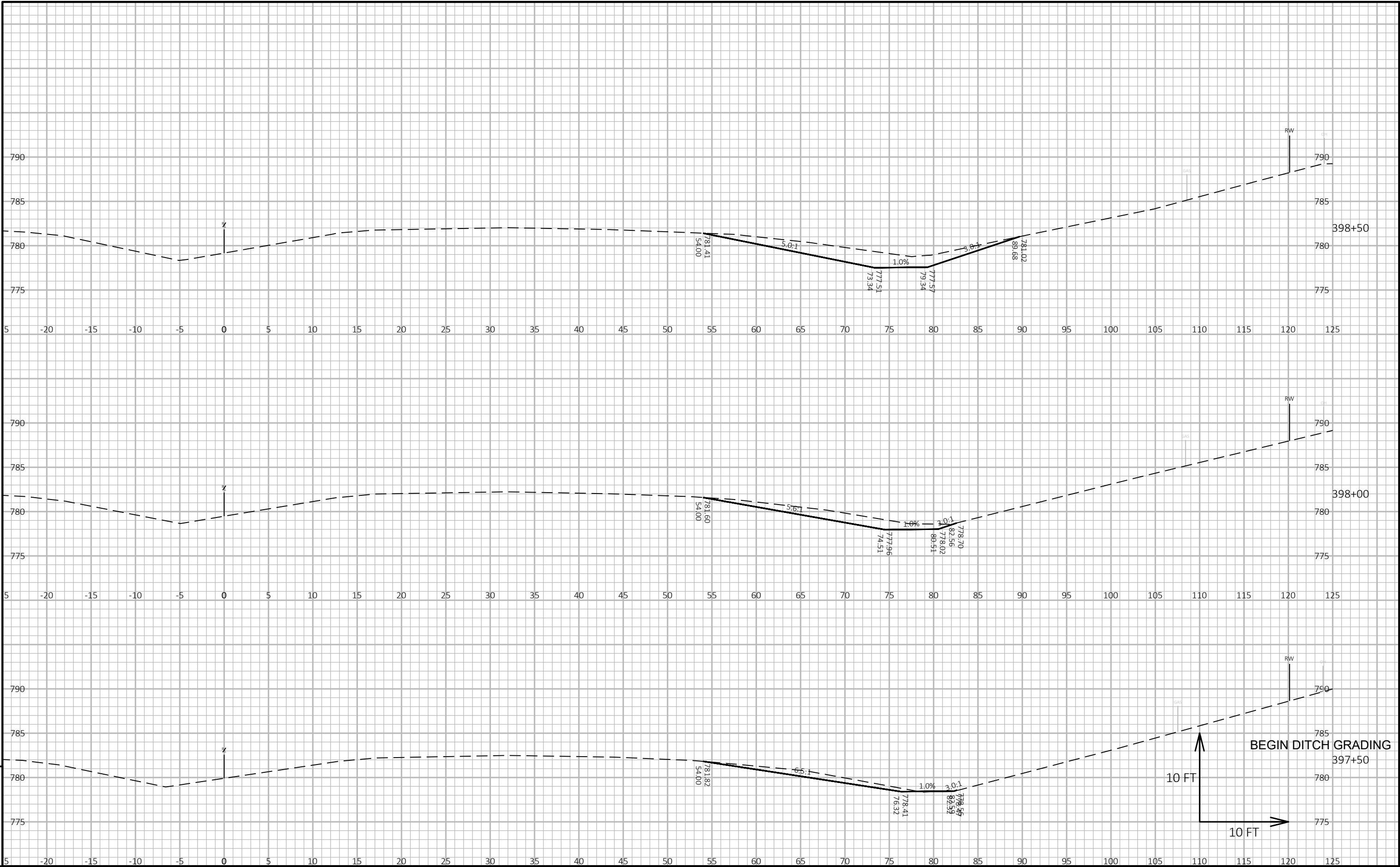


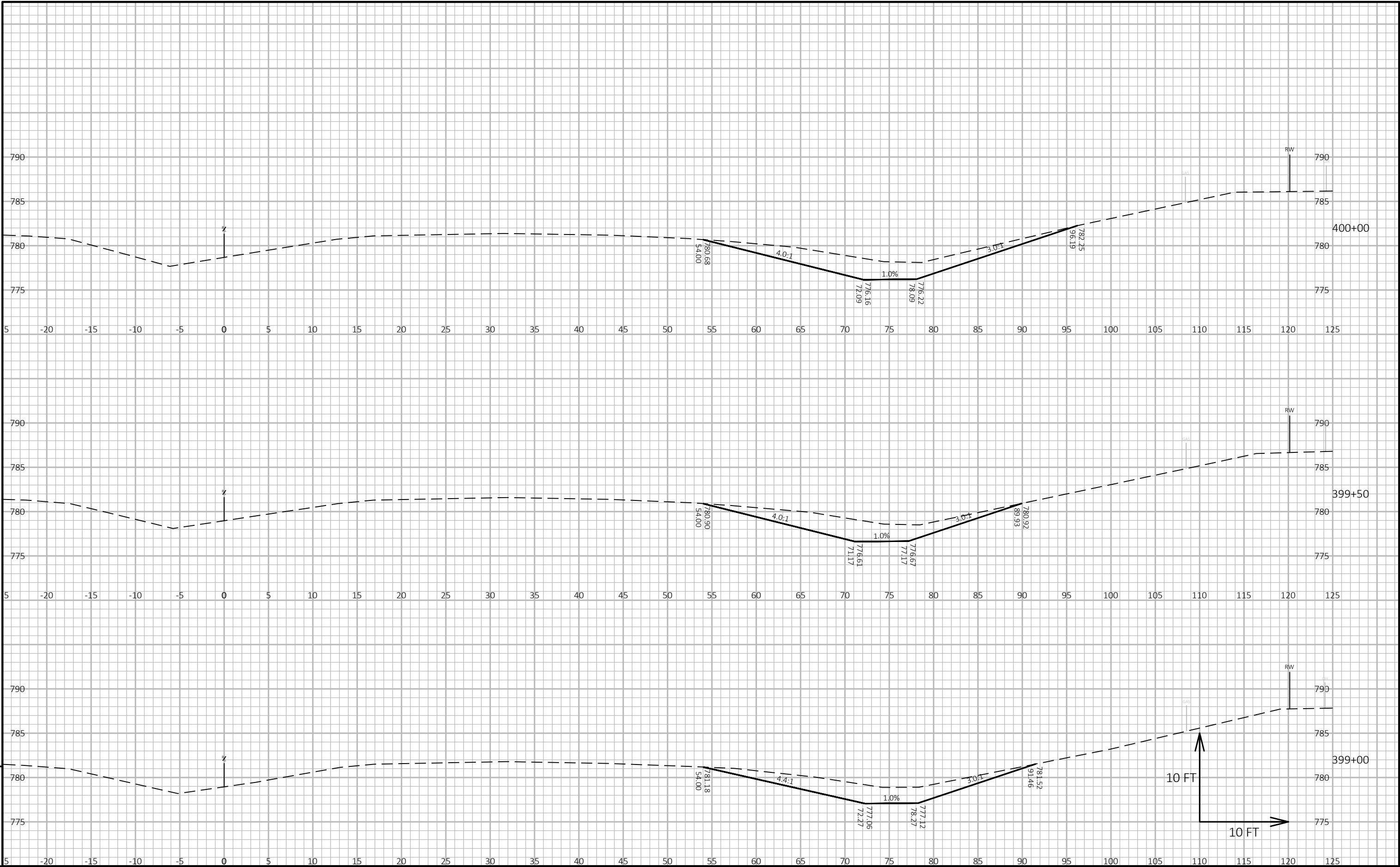


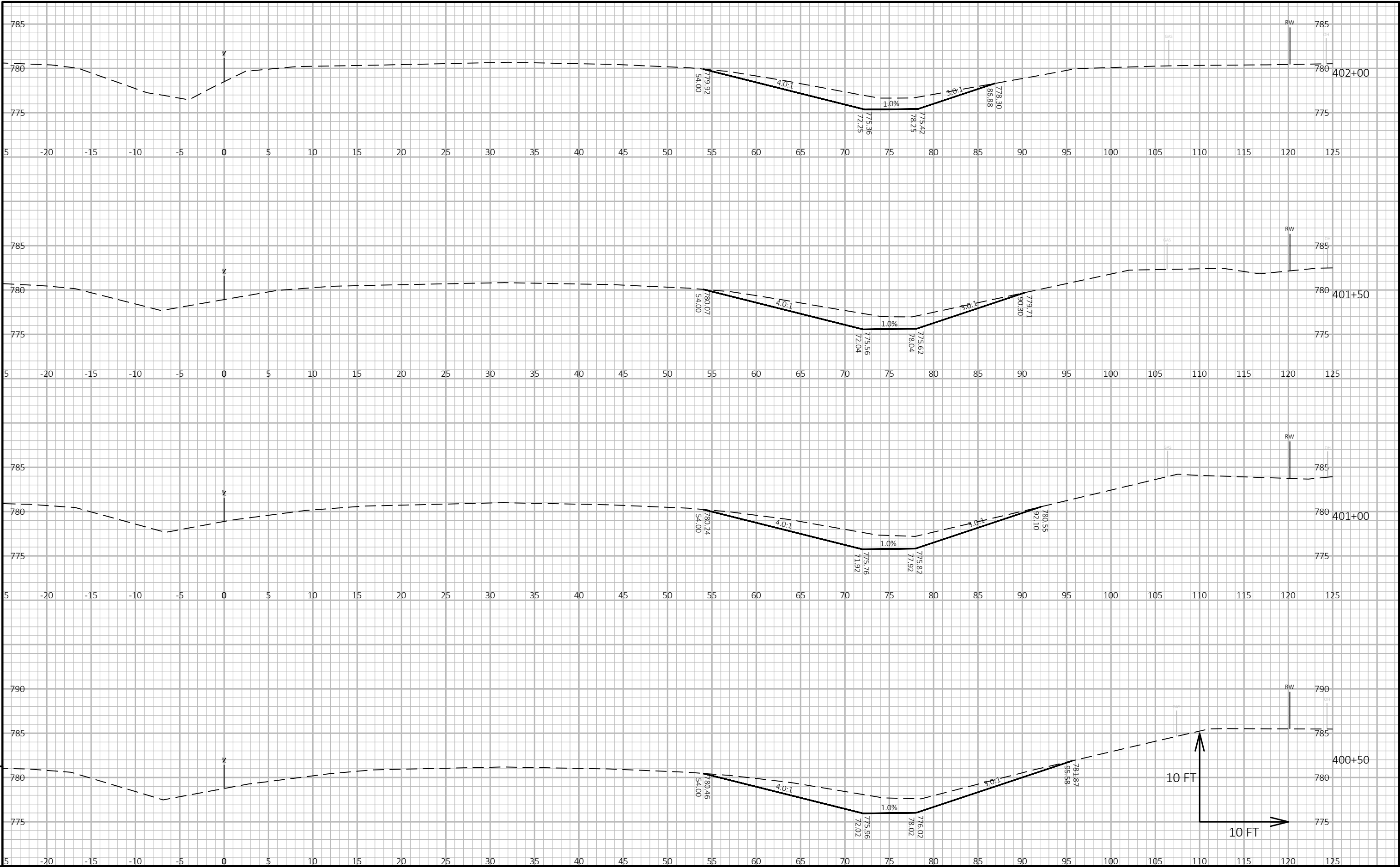


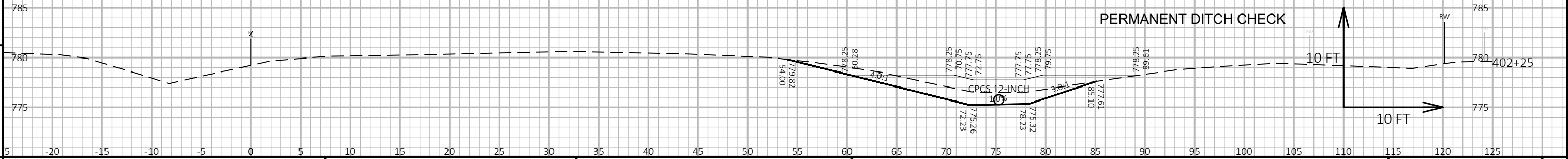


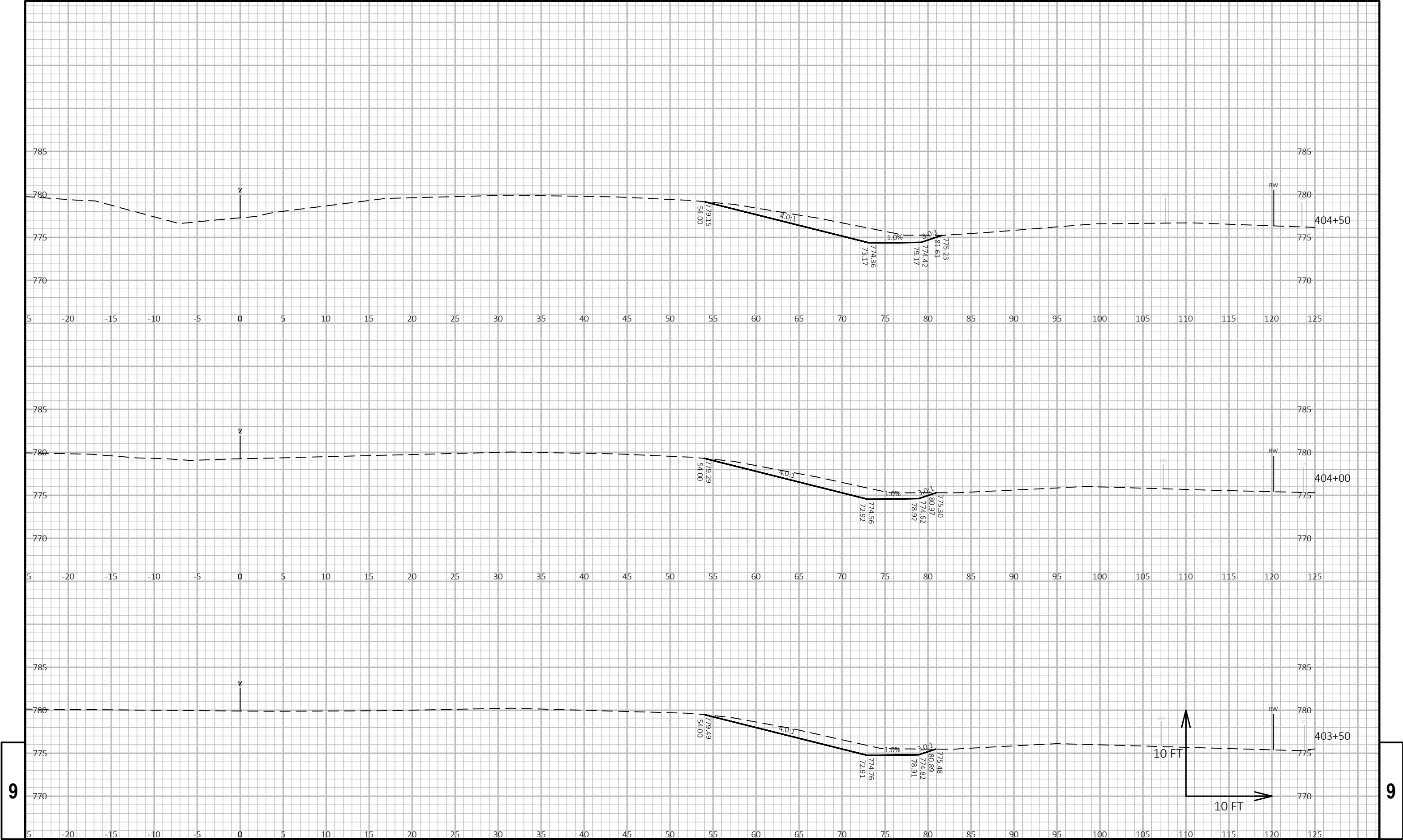


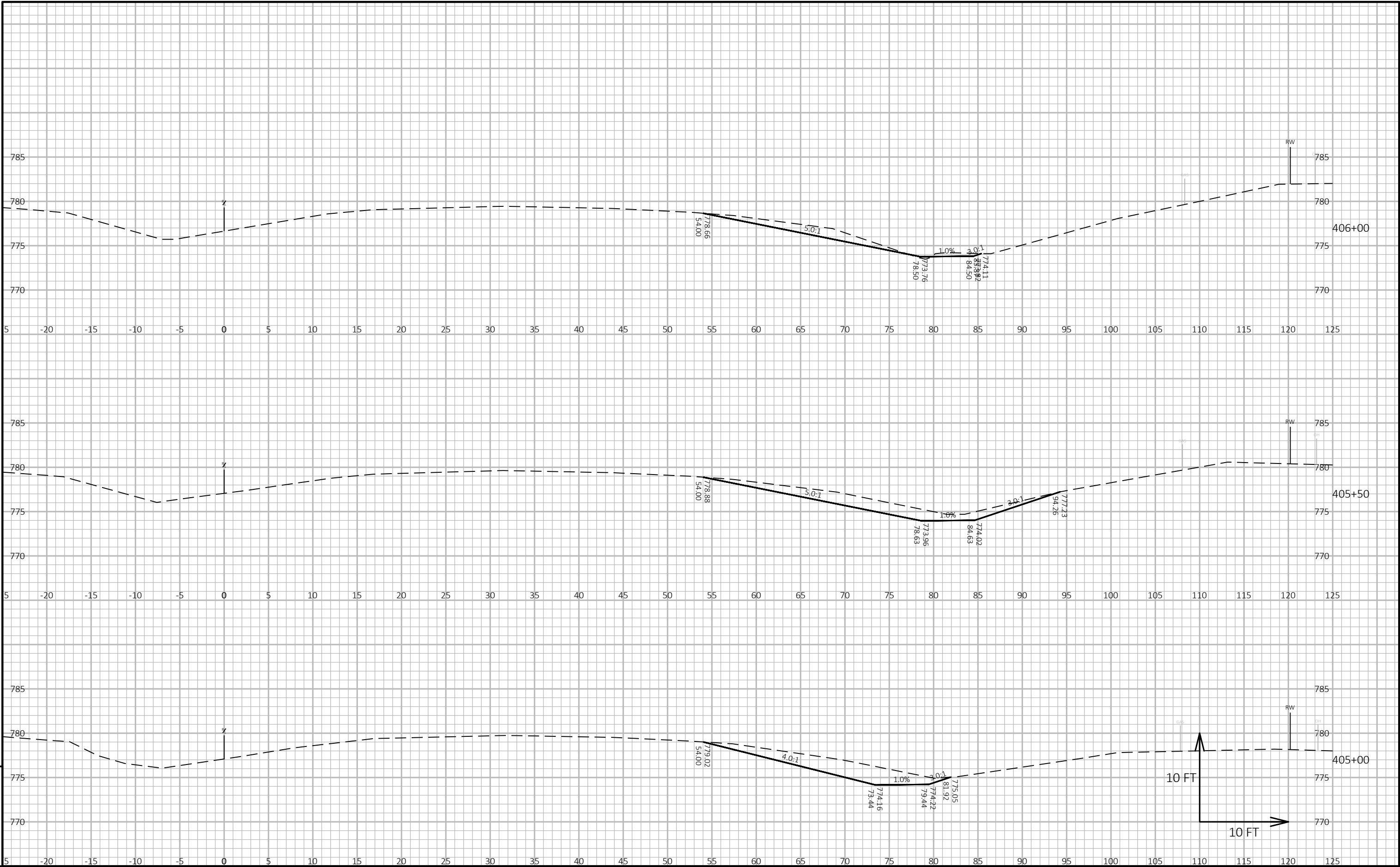


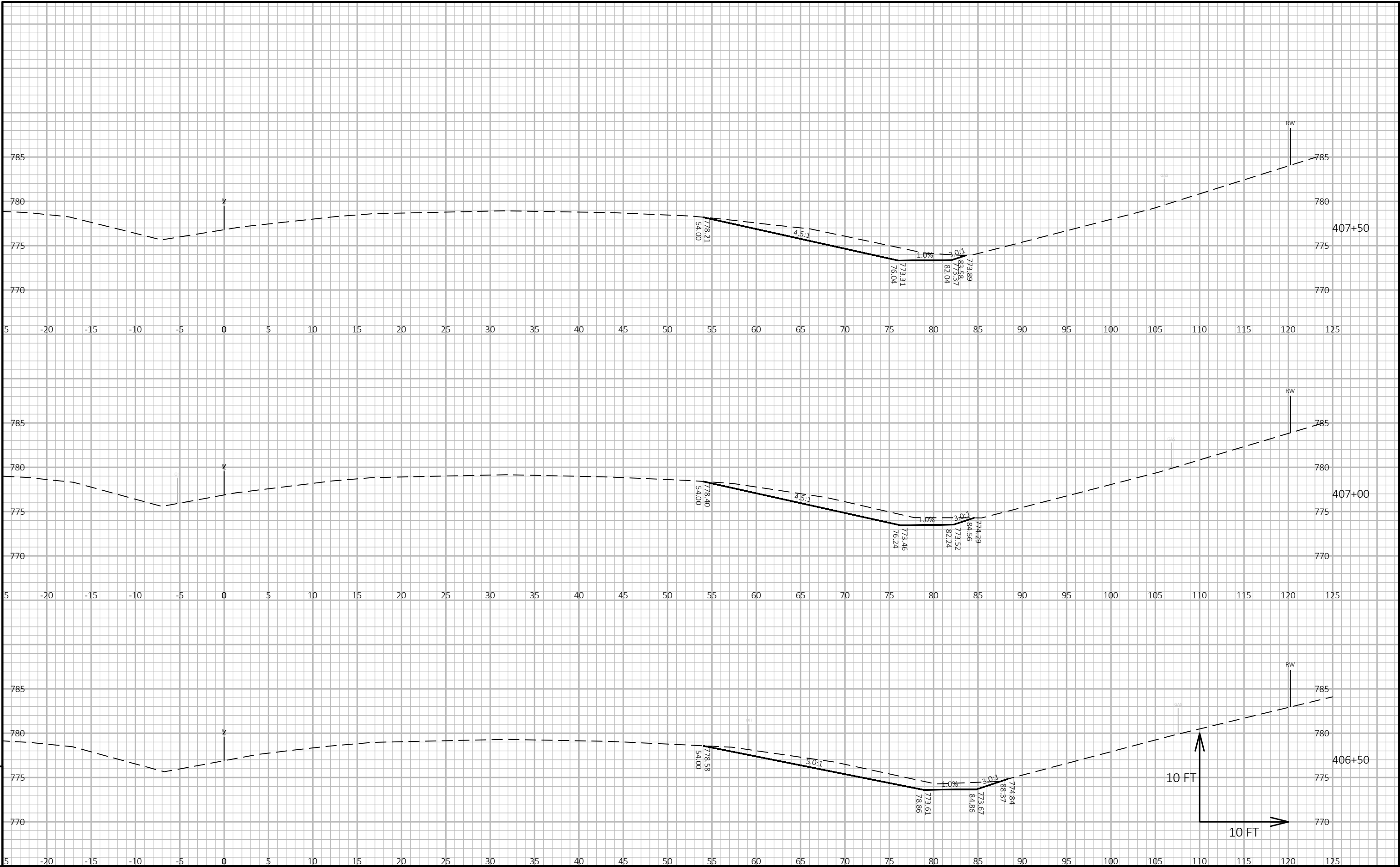


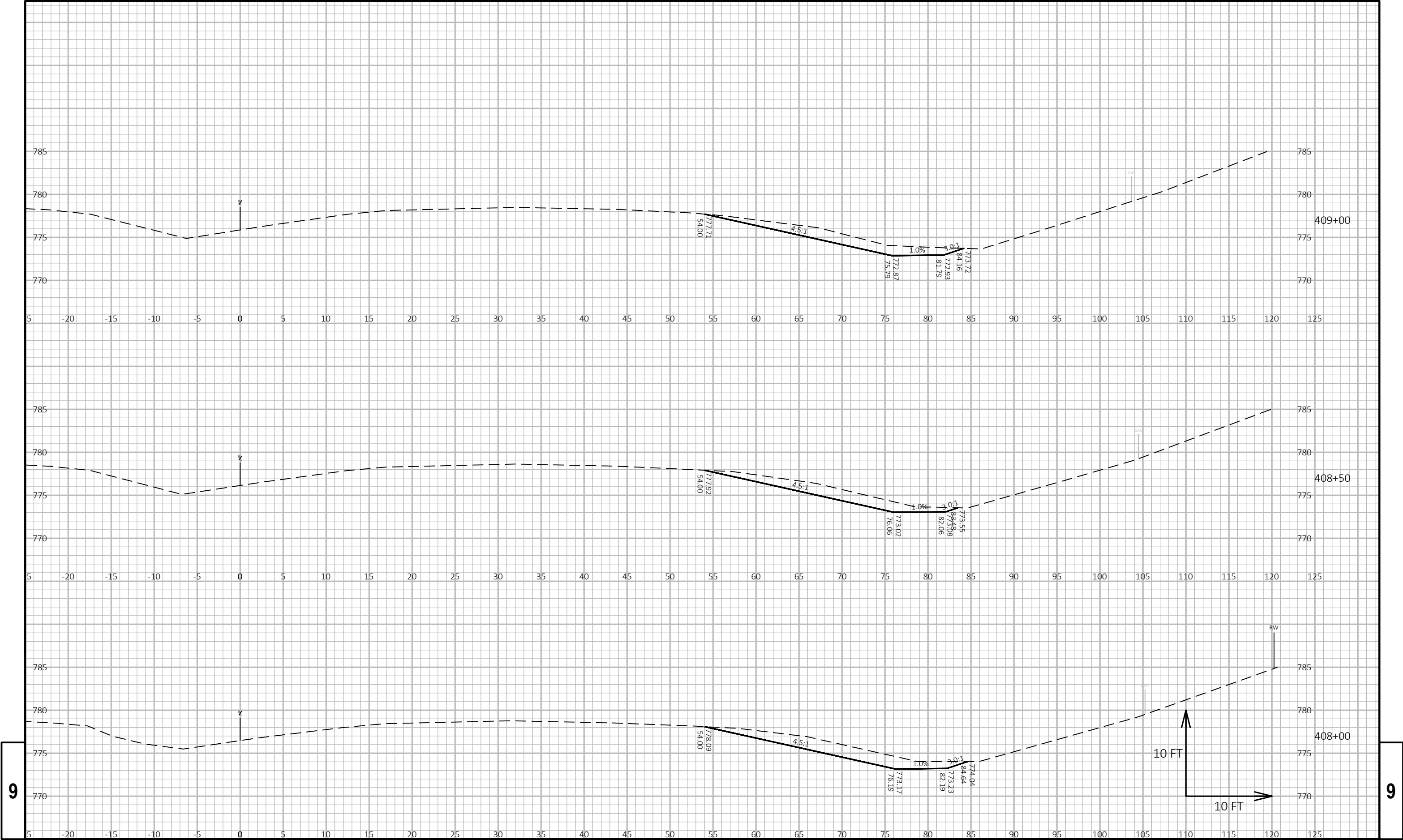


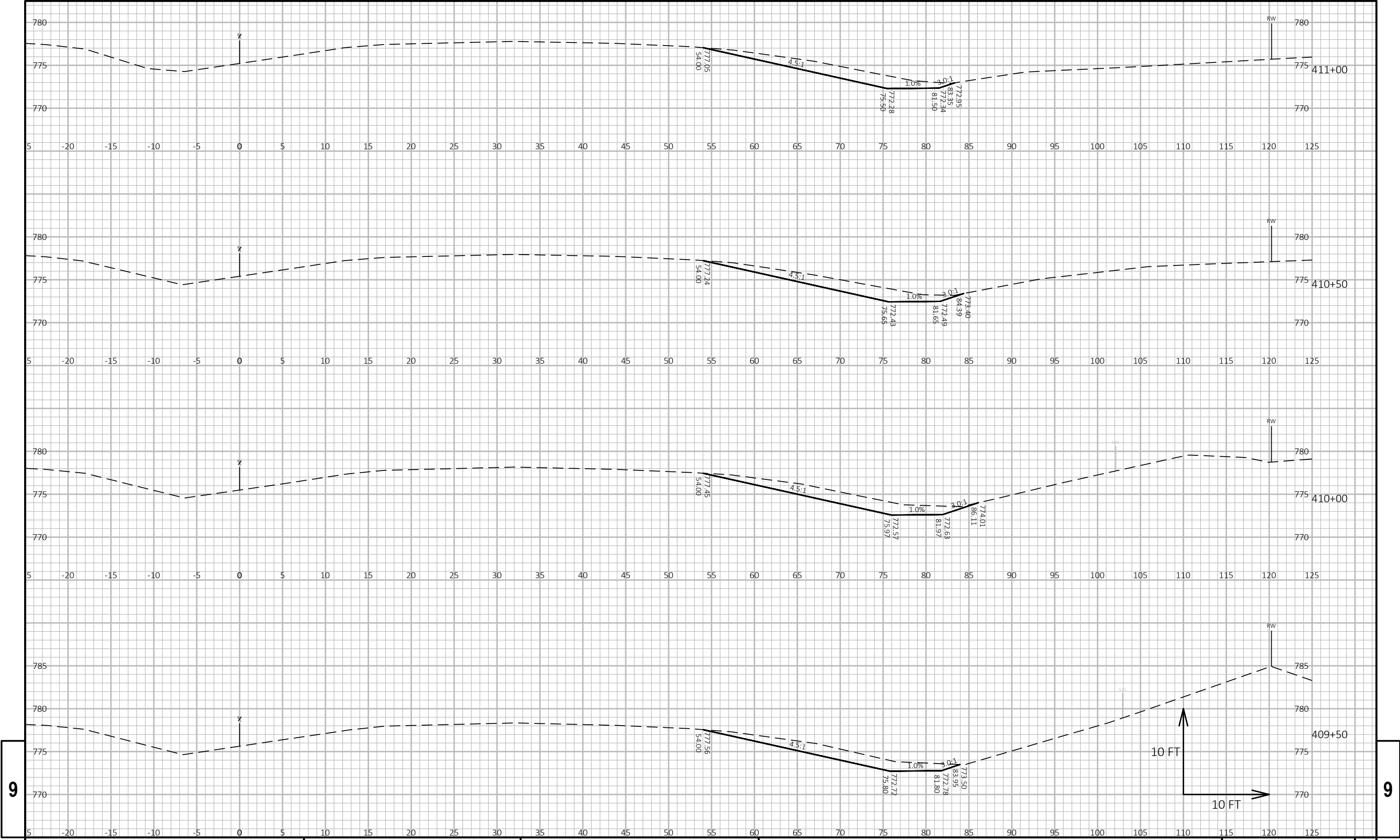






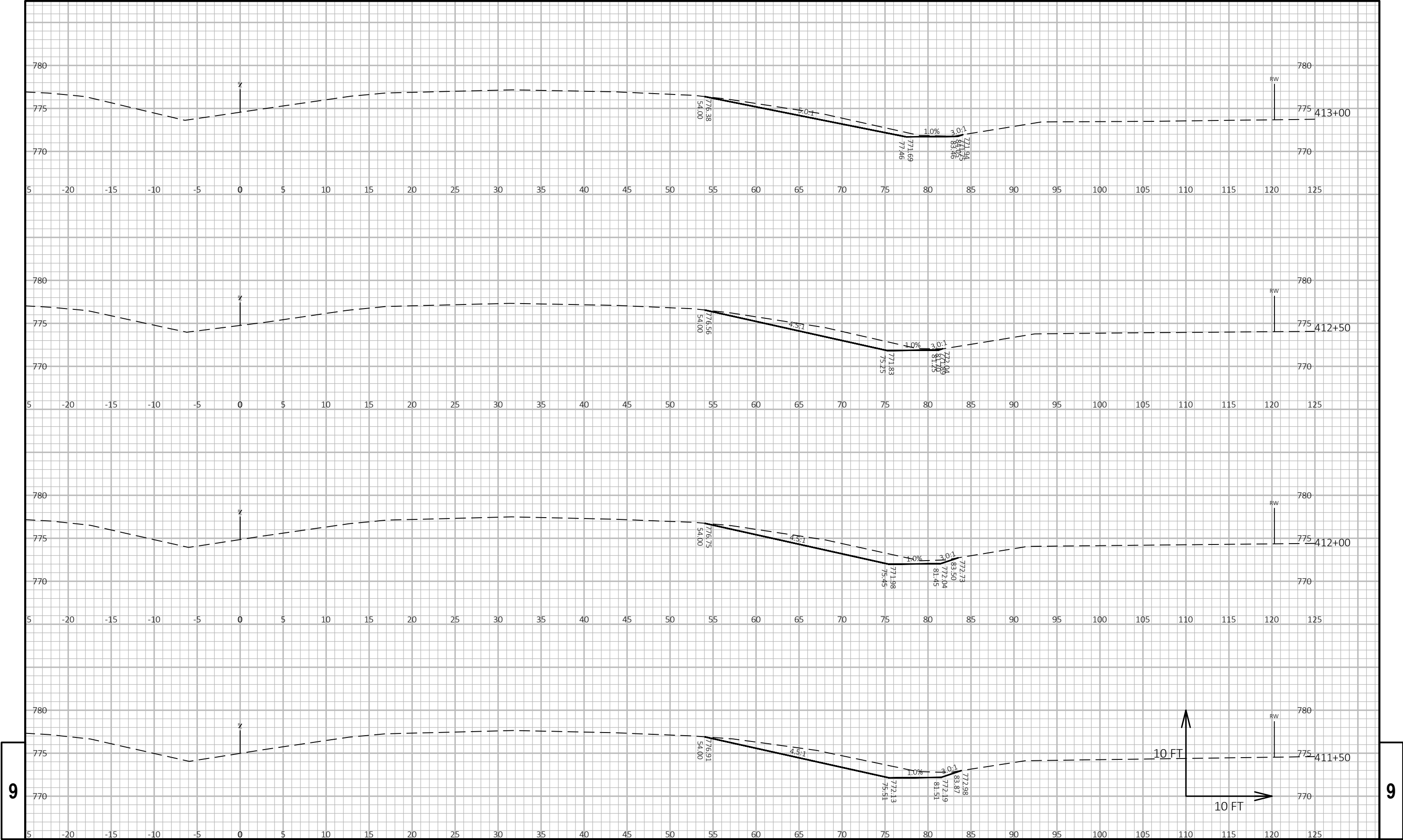


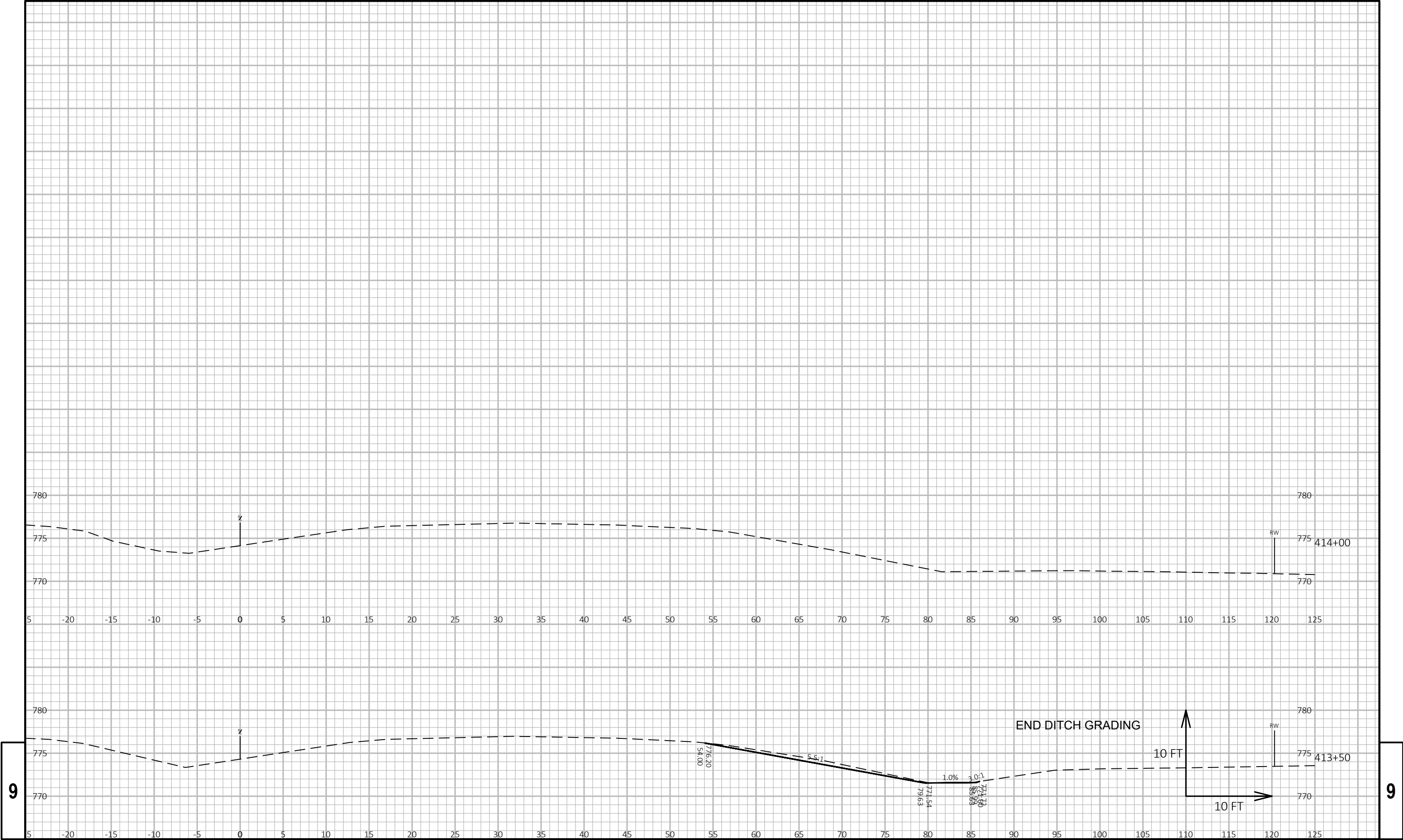


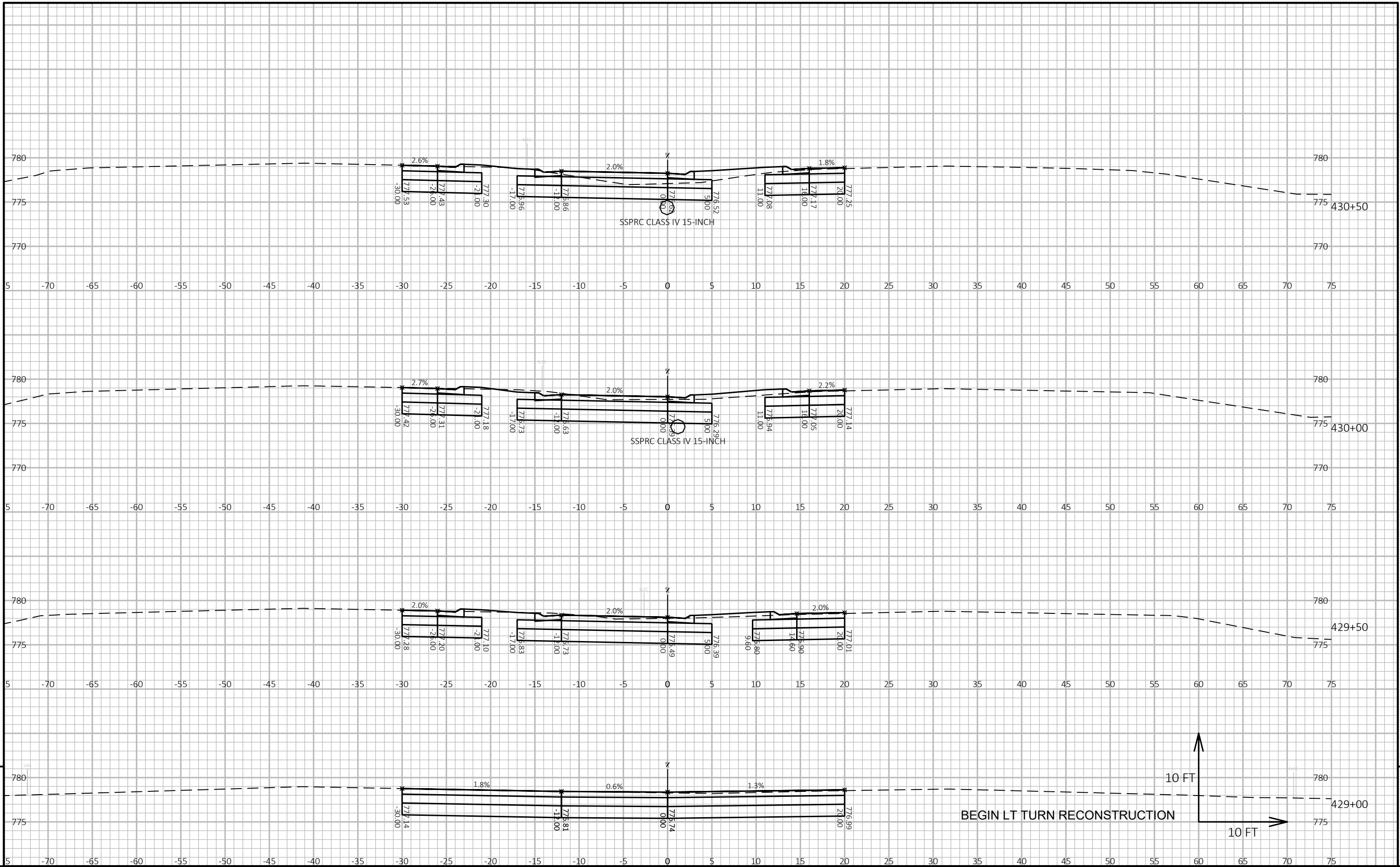


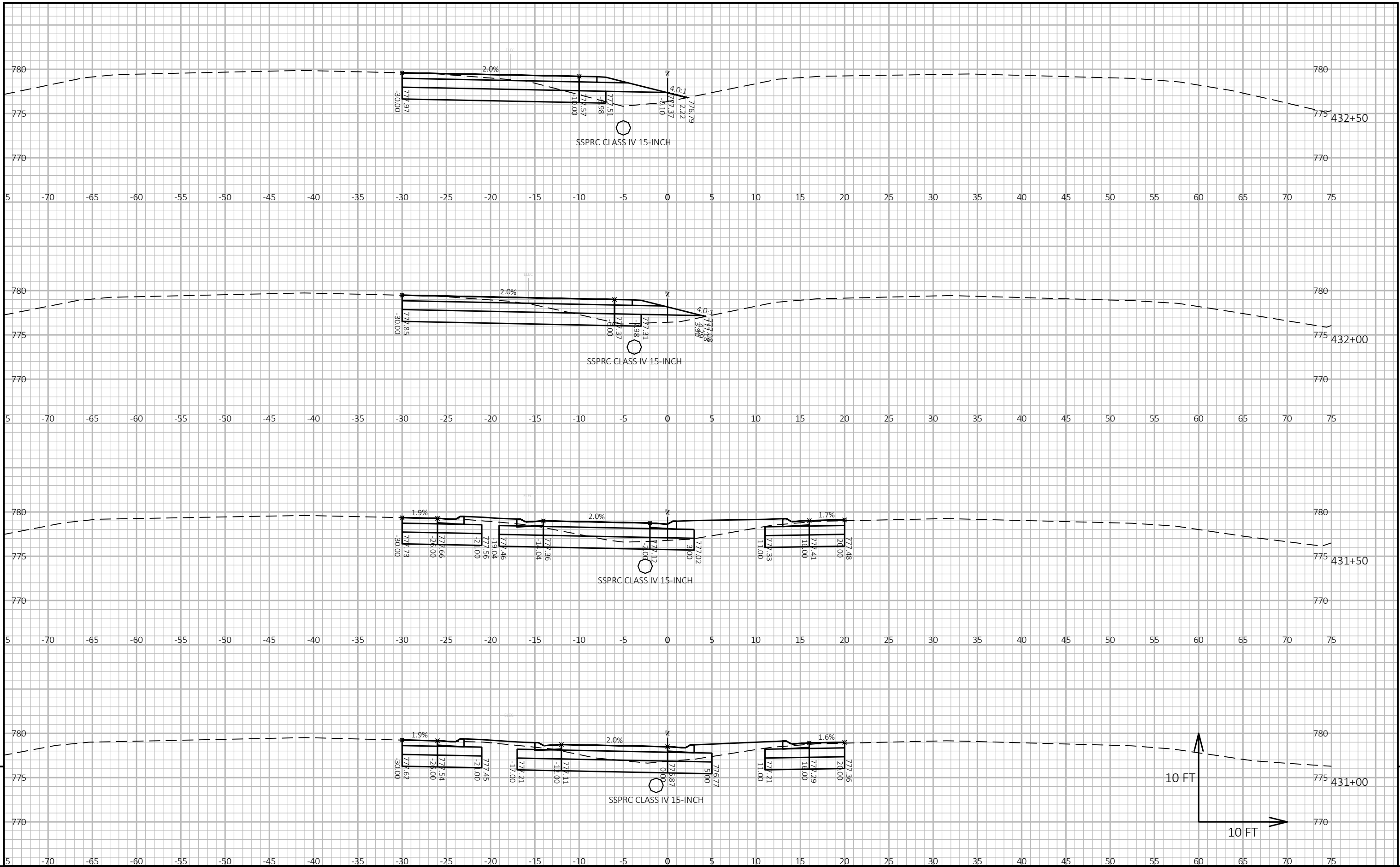
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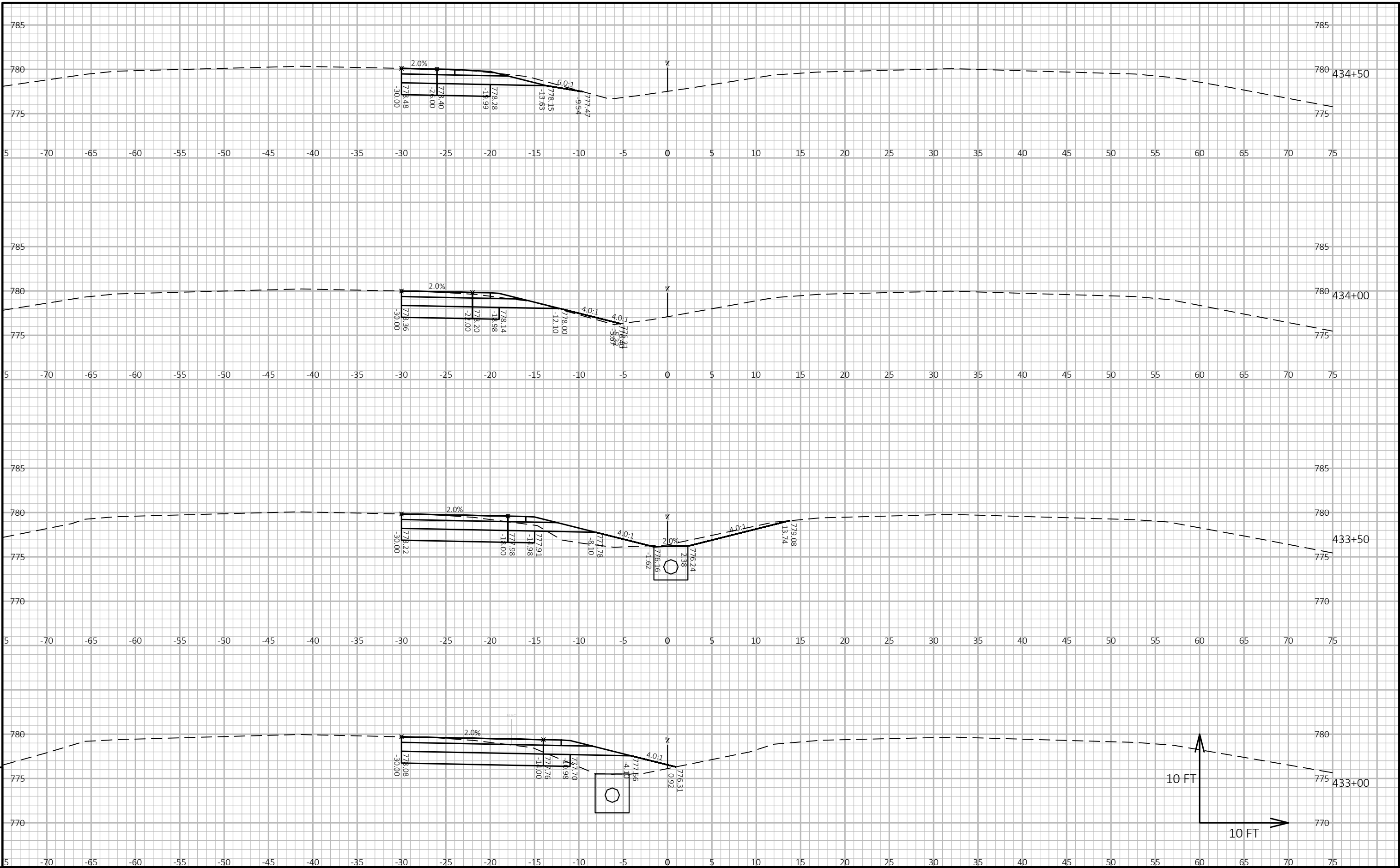




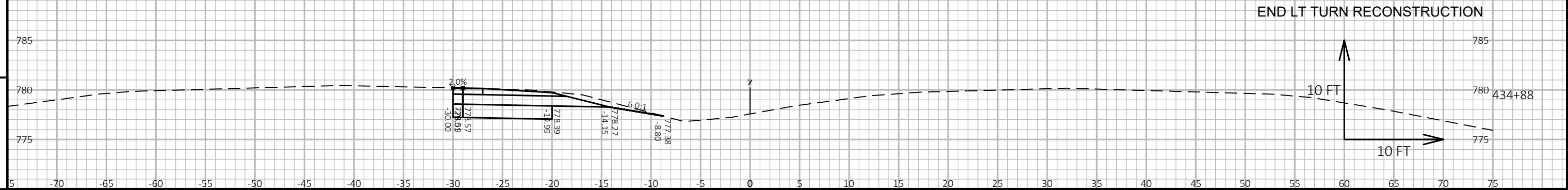


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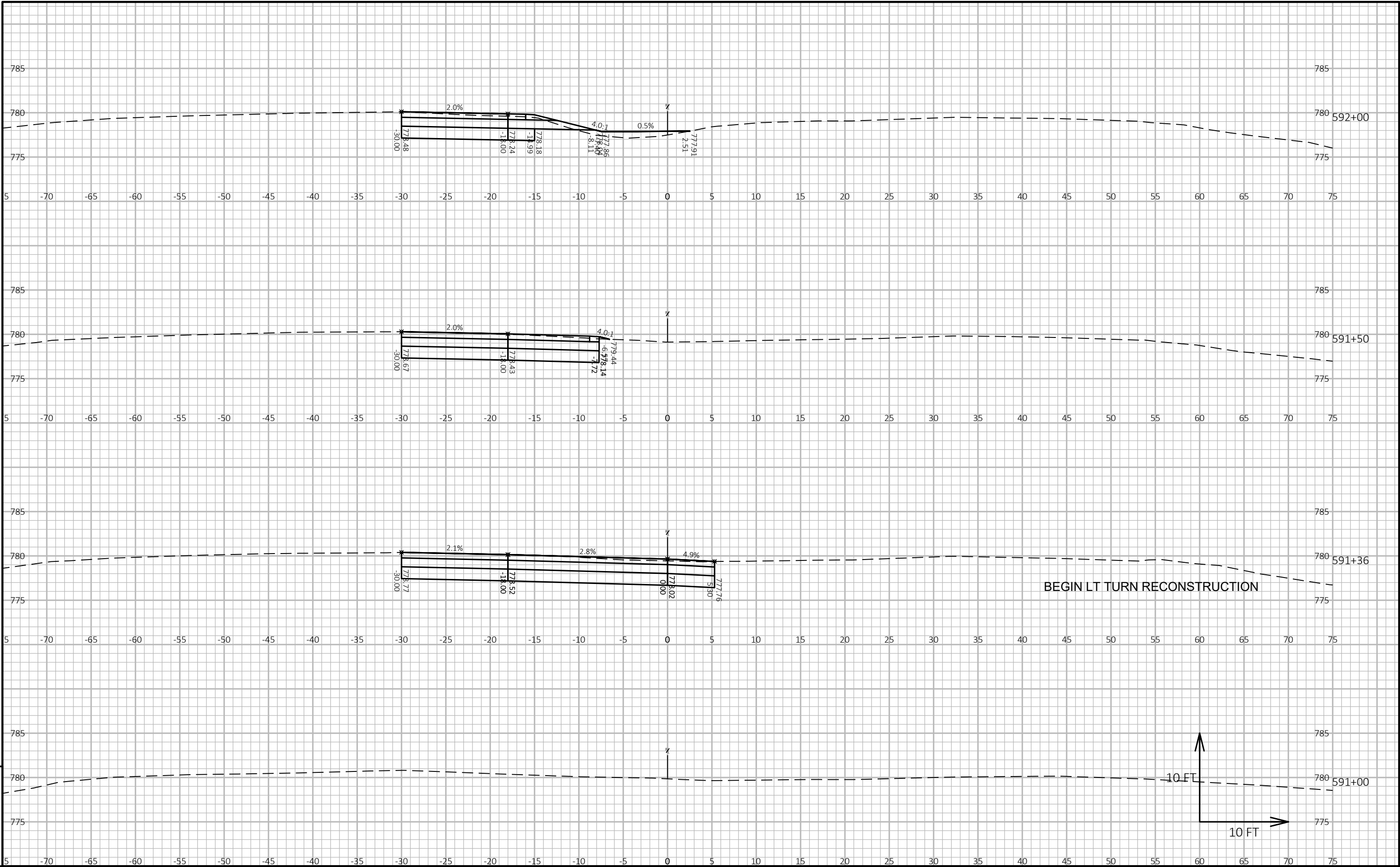


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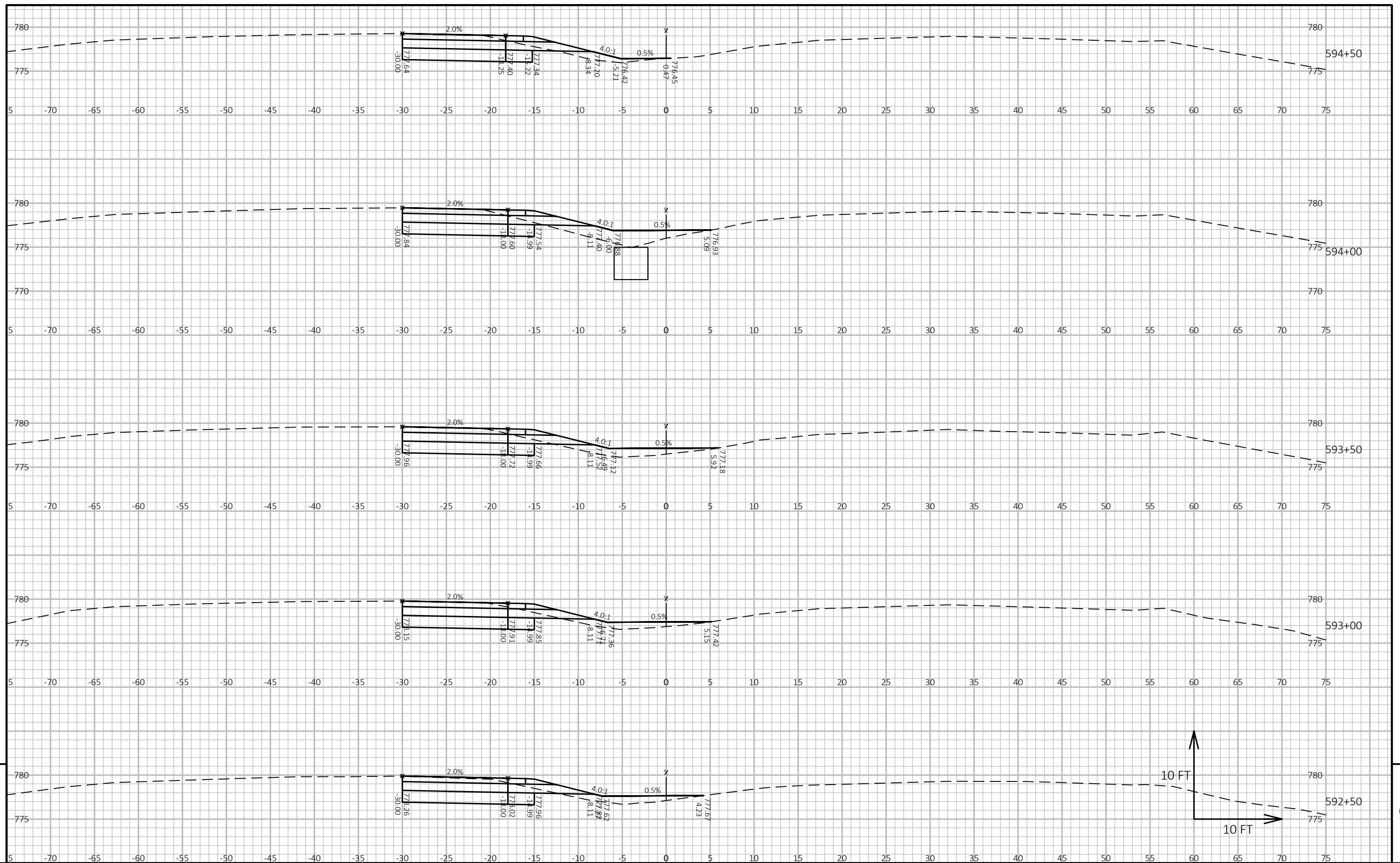
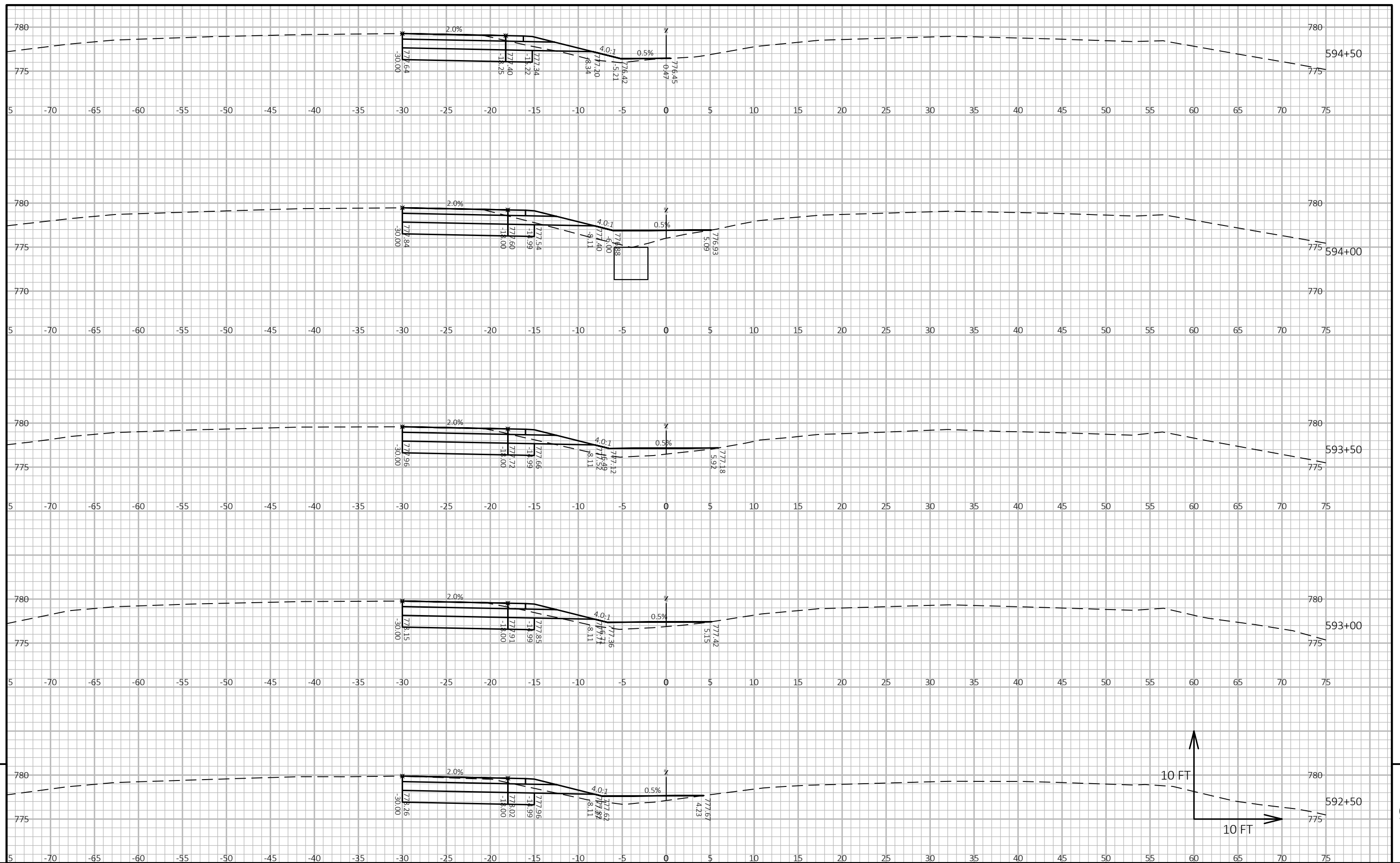
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PROJECT NO: 2240-00-77	HWY: STH 36	COUNTY: RACINE	CROSS SECTIONS: STH 36 AT STH 164	SHEET	PRE_288 E
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PROJECT NO:	2240-00-77
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HWY: STH 36

COUNTY: RACINE

CROSS SECTIONS: STH 36 AT WATER TREATMENT PLANT

SHEET

PRE_290

1

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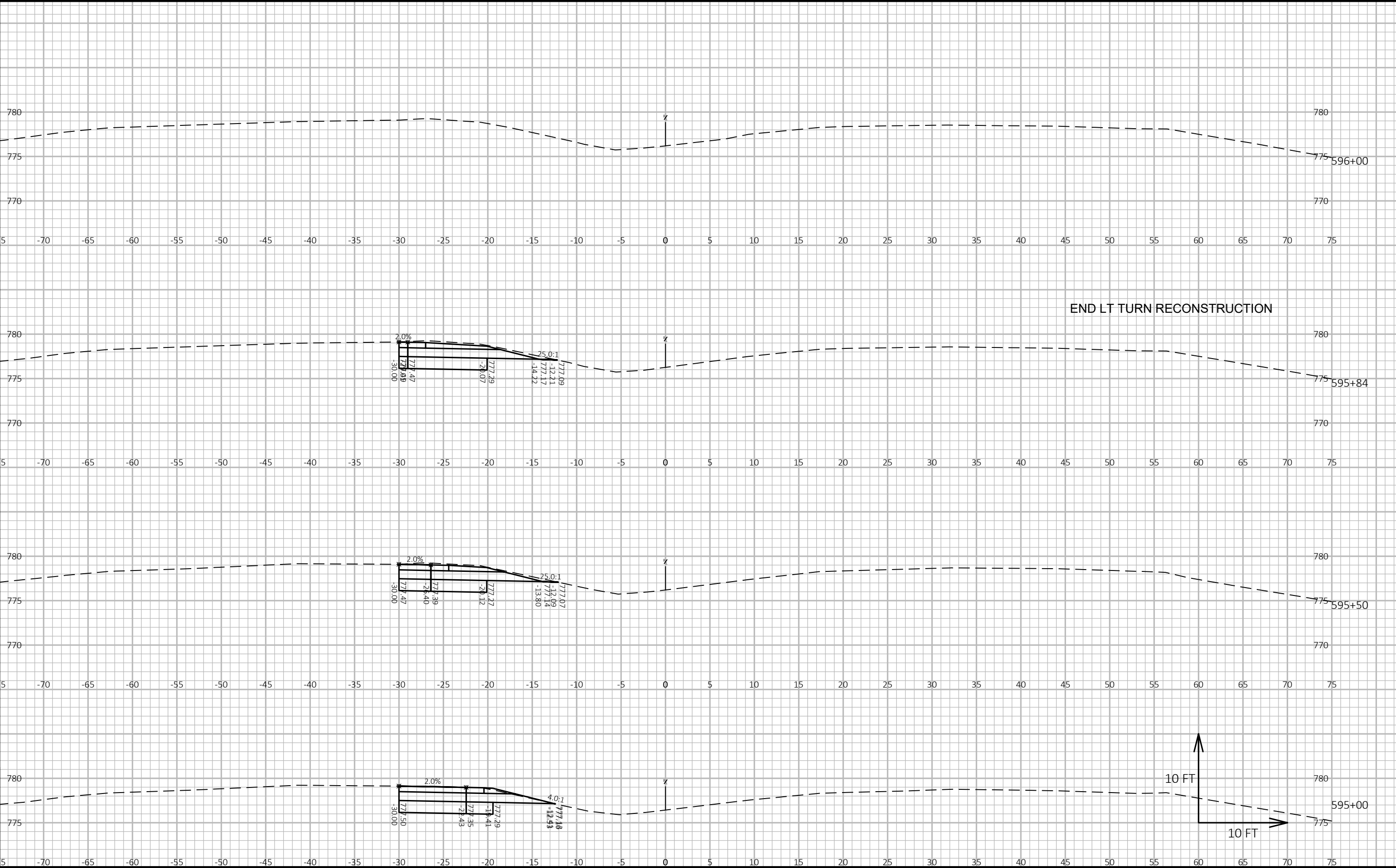
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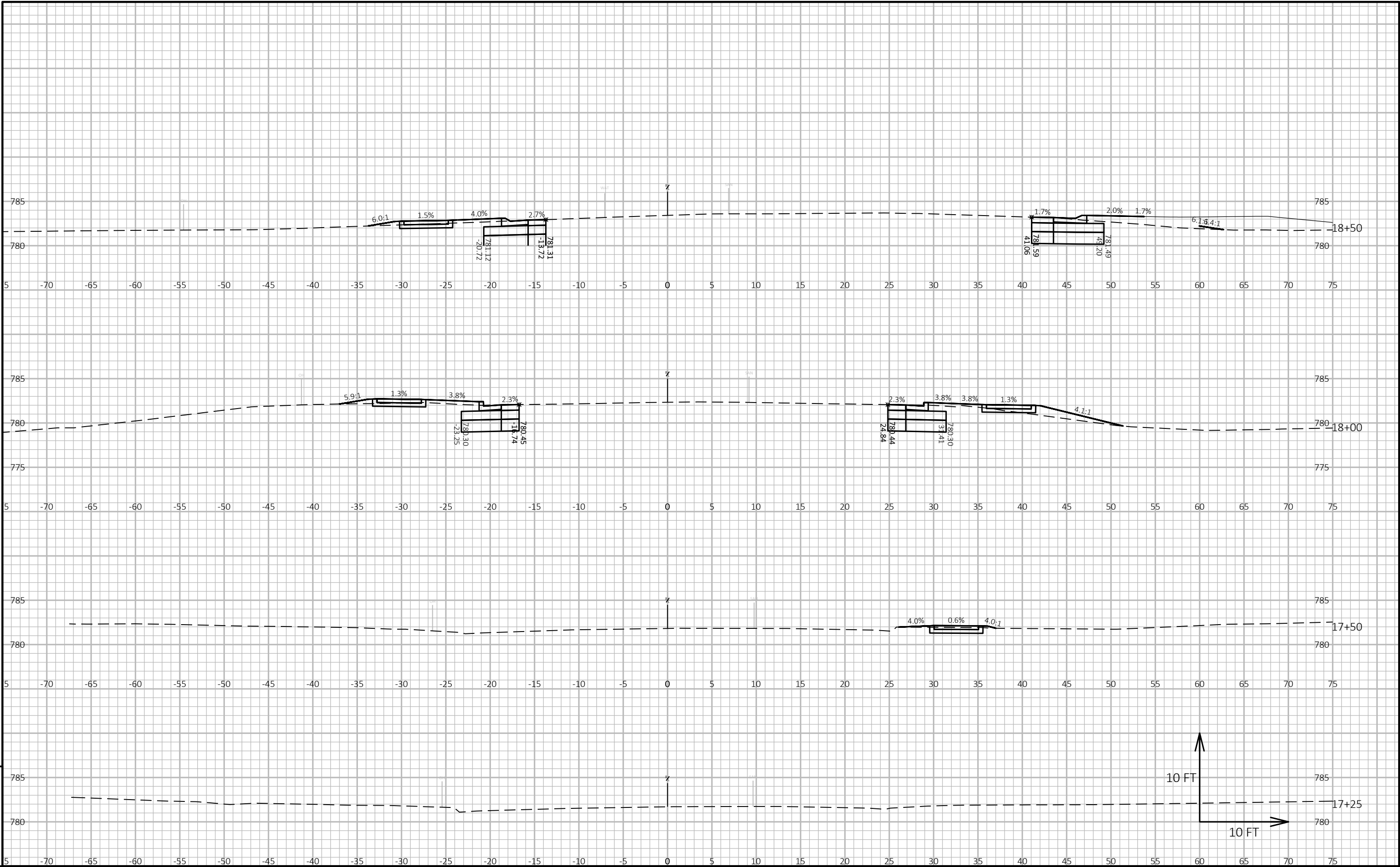
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PLOT NAME :

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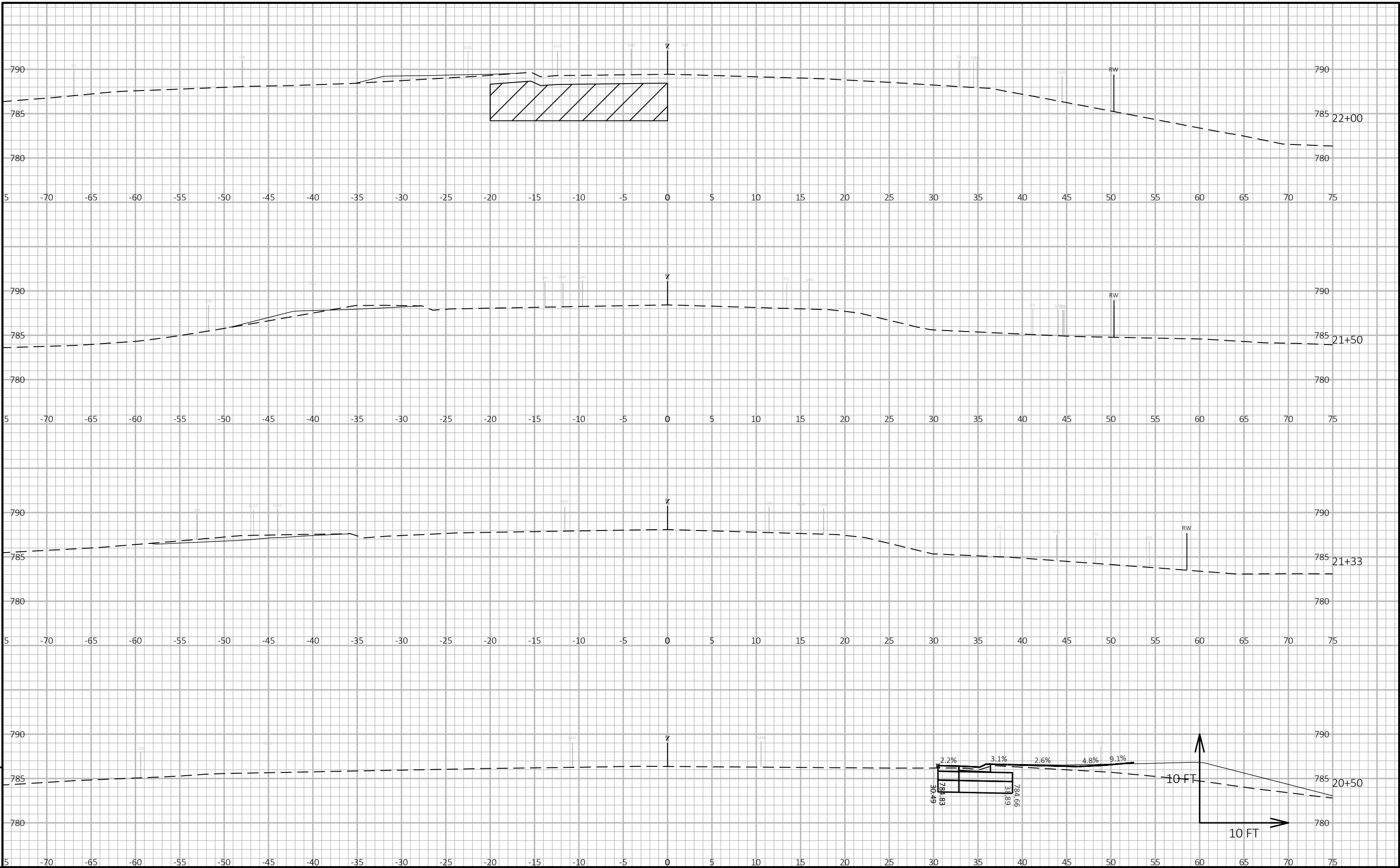
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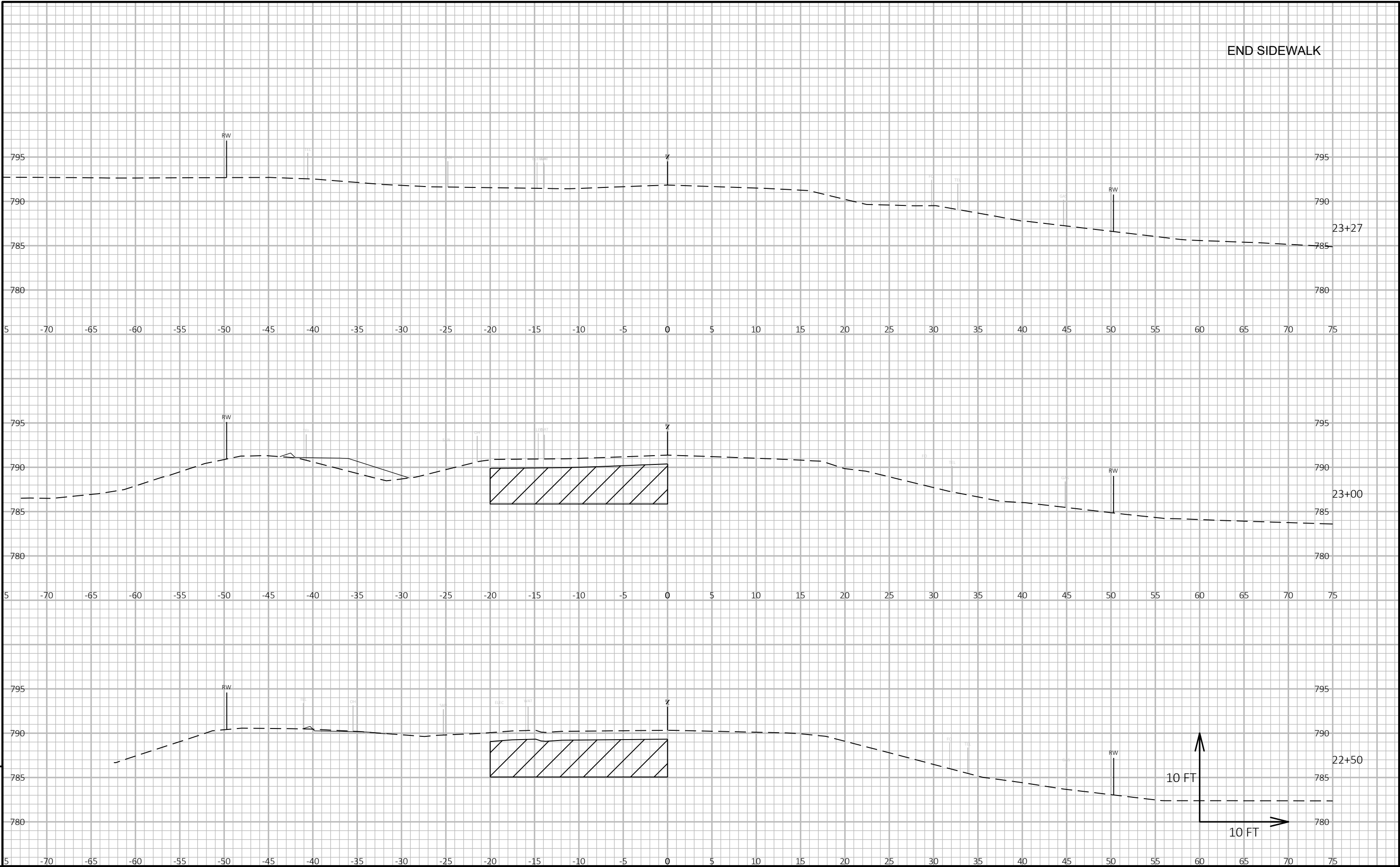


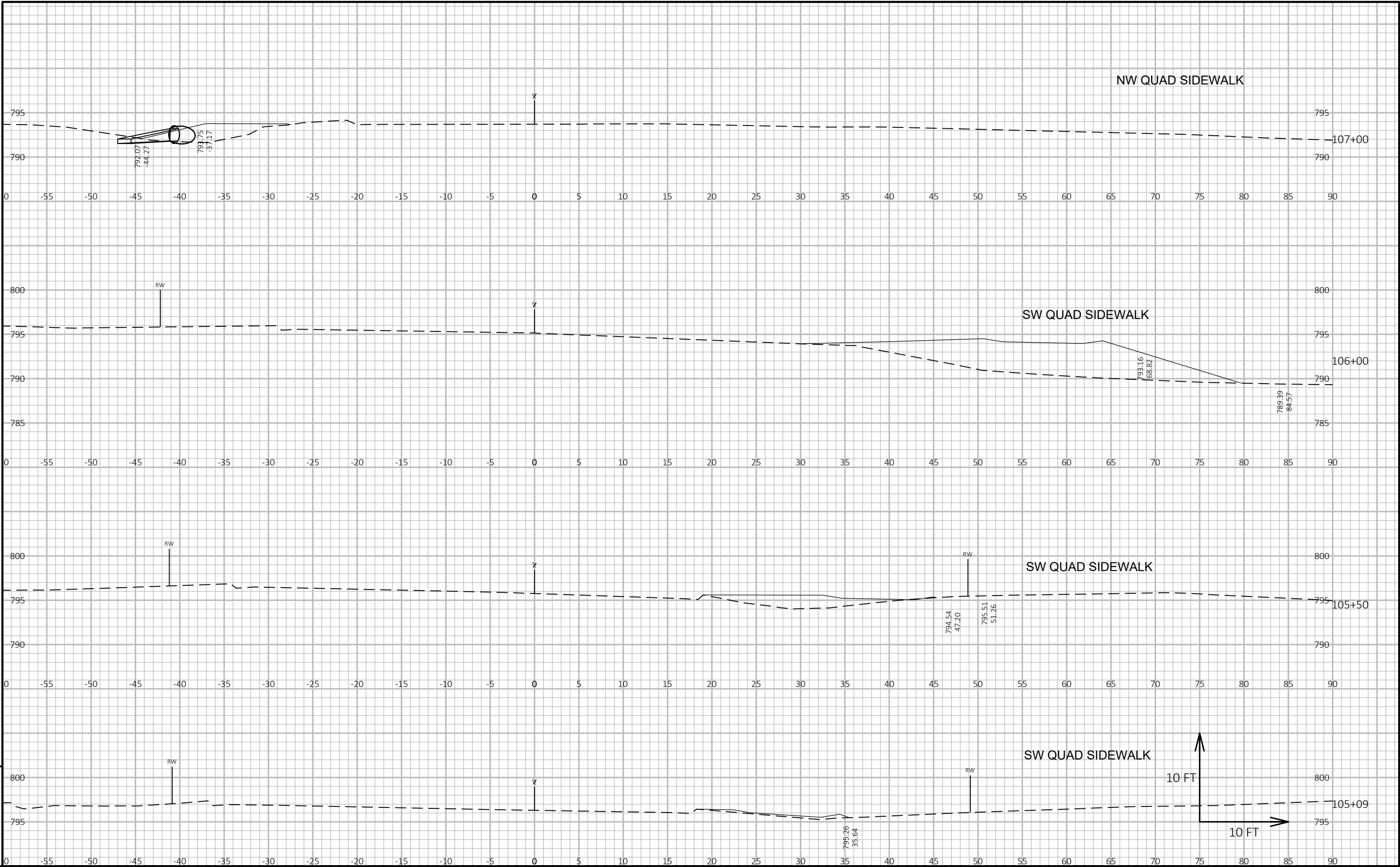


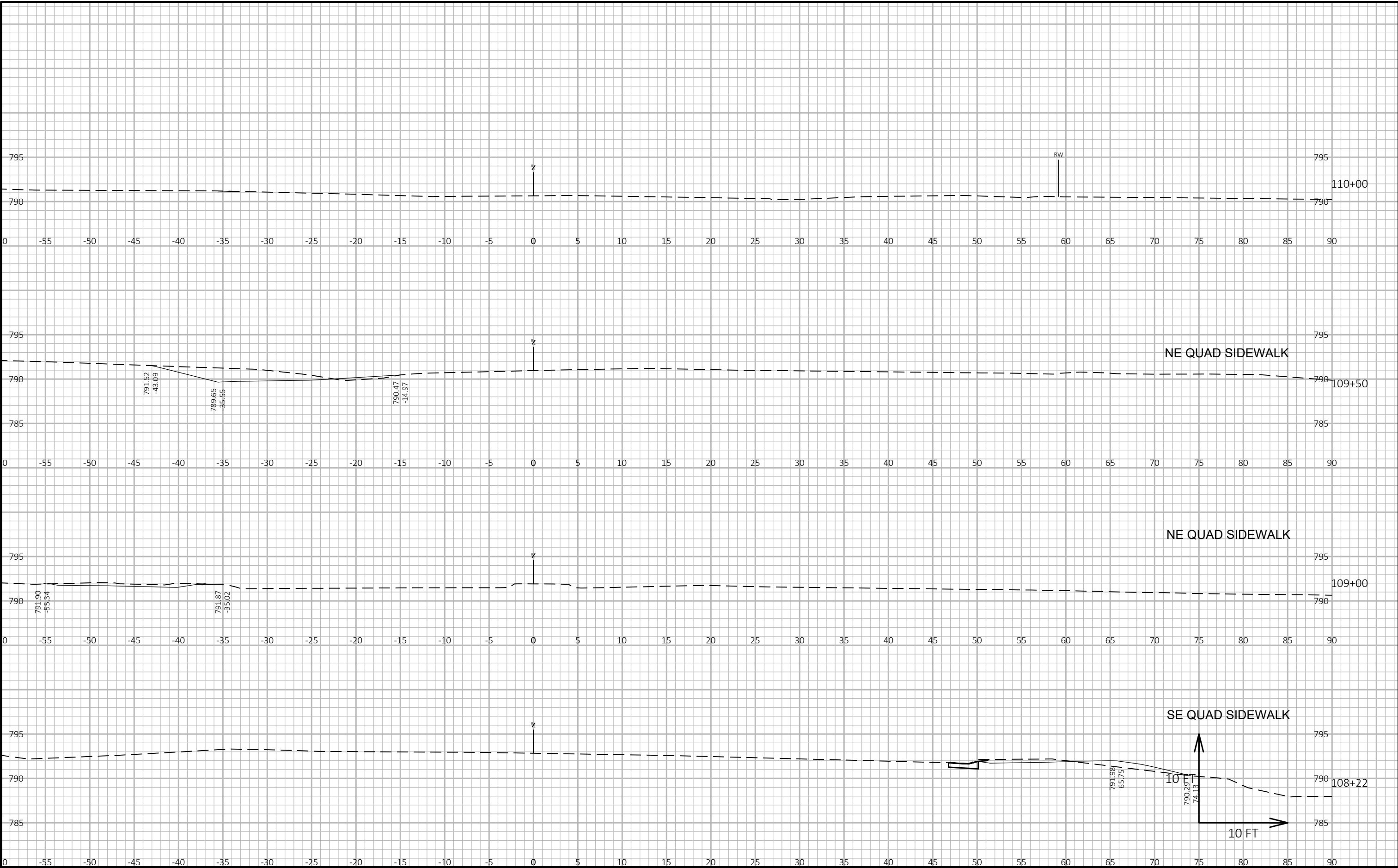
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EPlans Preliminary Sheet Numbering Tool

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 te 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

