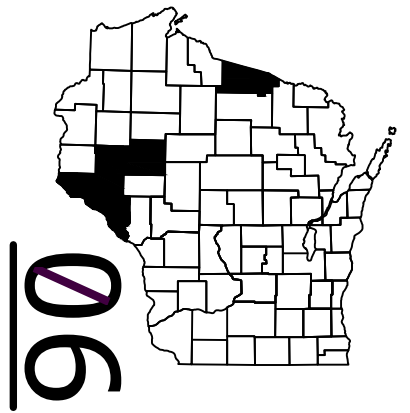


ORDER OF SHEETS

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 = 52



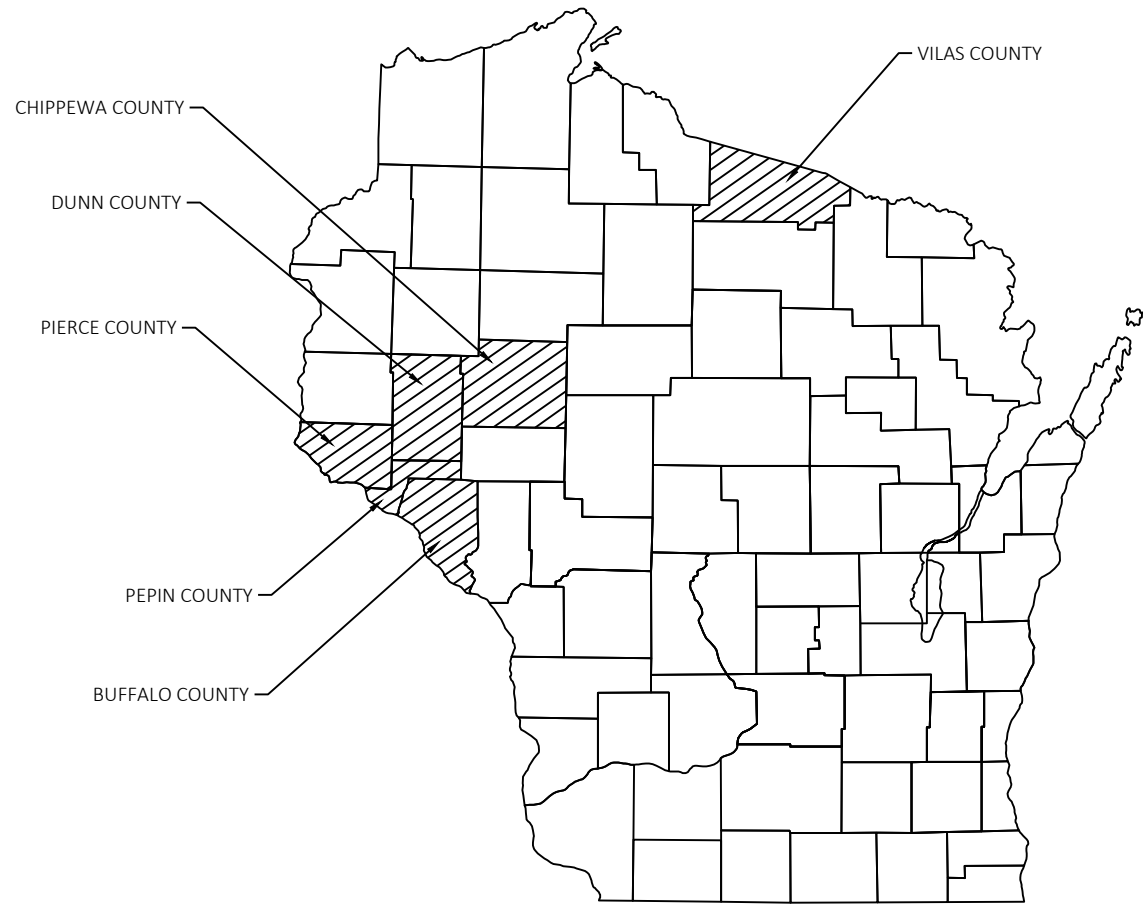
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

FY 23 STATE WIDE TREE CLEARING

VARIOUS COUNTIES (NWR & NCR)
NON HWY
STATEWIDE

STATE PROJECT NUMBER
1009-37-02



DESIGN DESIGNATION

A.A.D.T.	=
A.A.D.T.	=
D.H.V.	=
D.D.	=
T.	=
DESIGN SPEED	=
ESALS	=

CONVENTIONAL SYMBOLS

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

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

LAYOUT

SCALE 0

TOTAL NET LENGTH OF CENTERLINE =

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), _____ COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1009-37-02		

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	_____ WISDOT _____
Designer	_____ E. DANKE _____
Project Manager	_____ S. EBEL _____
Regional Examiner	_____ _____
Regional Supervisor	_____ E. GWIDT _____

APPROVED FOR THE DEPARTMENT
DATE: 7/19/2023
(Signature)

ORDER OF SECTION 2 DETAIL SHEETS

- GENERAL NOTES
- PROJECT CONTACTS
- PROJECT OVERVIEW
- PROJECT DETAILS

GENERAL NOTES

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

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

THE CONTRACTOR IS TO WORK WITH UTMOST CARE AND PROTECT ALL SURVEY MARKERS. REMOVAL OF ANY SURVEY MARKERS IS TO BE WITH THE APPROVAL OF THE ENGINEER.

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

DO NOT DRIVE OR STORE EQUIPMENT, OR STORE CONSTRUCTION MATERIALS IN ENVIRONMENTALLY SENSITIVE AREAS, WETLANDS, OR WATERWAYS.

DESIGN PROJECT MANAGER

SCOTT EBEL
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scott.ebel@dot.wi.gov

DESIGN PROJECT LEADER

ERIC DANKE
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(920) 492-5647
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NE REGION SURVEY COORDINATOR

MICHAEL ANDRASCHKO, PLS
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Wisconsin Public Service Corporation - Gas/Petroleum
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brad@wwt.coop

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corissa.e.seely@xcelenergy.com



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RICE LAKE, WI 54868
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rp4514@att.com



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CLAIR.MADSEN@MAGELLANLP.COM

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SHANE YODER
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SHANE.YODER@CHARTER.COM

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WISCONSIN RAPIDS, WI 54494
(715) 421-7256
TRAVIS.KAHL@WE-ENERGIES.COM

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City Hall
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Brad Ristow
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Keith Bennett
Comcast – Communication line
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(612) 834-6457
Keith.bennett2@cable.comcast.com



Dial **811** or (800)242-8511

www.DiggersHotline.com

* DENOTES DIGGERS HOTLINE MEMBERS

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COMMUNICATIONS

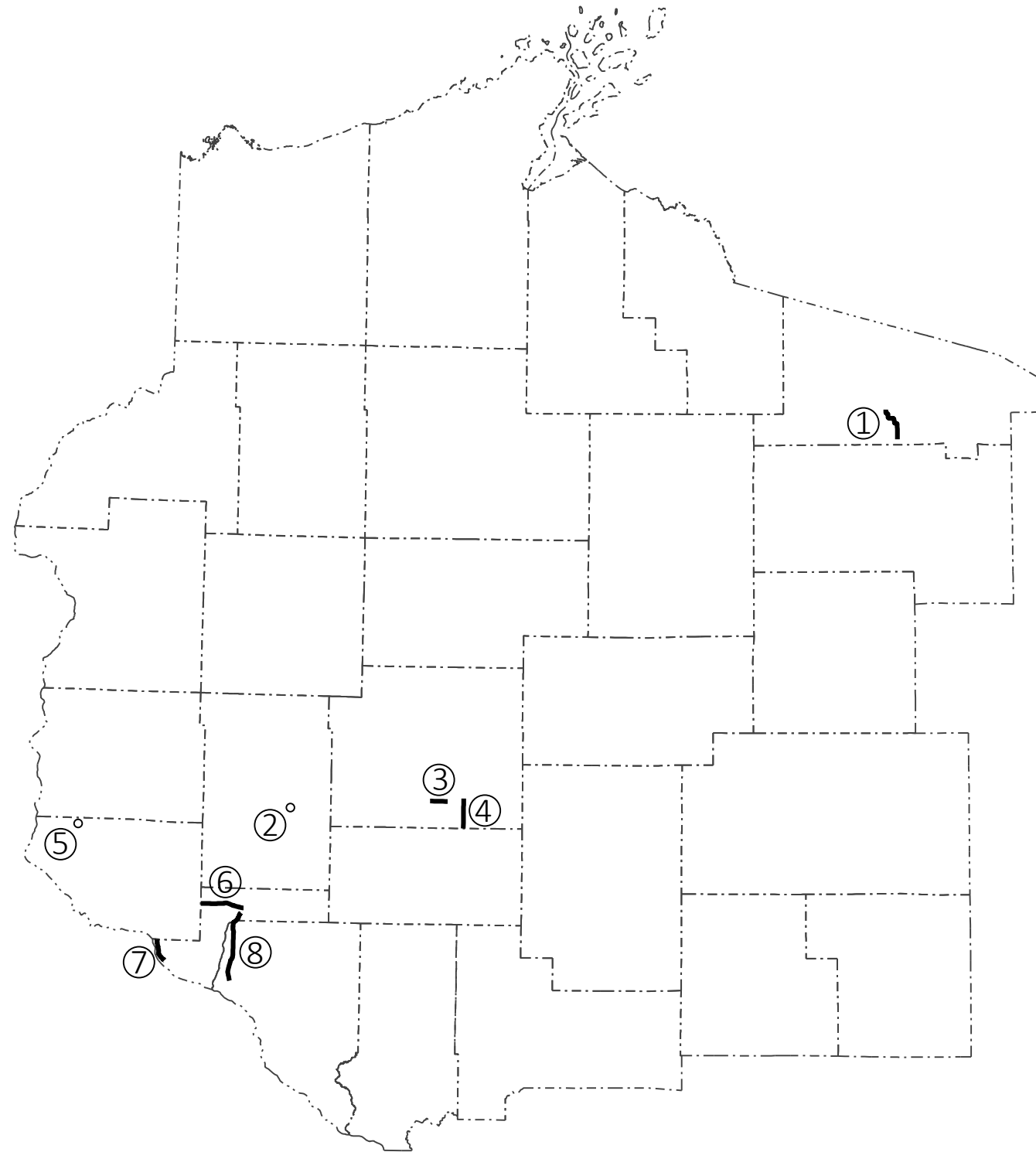
MATT HOYT
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COMMUNICATIONS

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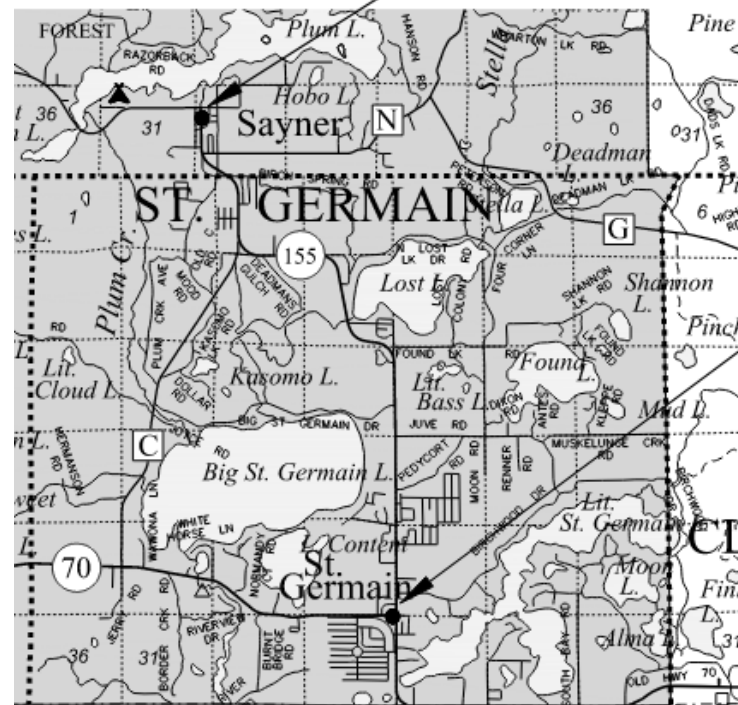


SITE	SOURCE WISDOT PROJECT ID	COUNTY	HIGHWAY
1	9205-03-60	VILAS	STH 155
2	1022-04-76/86	DUNN	IH 94
3	8919-03-75	CHIPPEWA	CTH X
4	7070-06-72	CHIPPEWA	STH 27
5	7994-00-51	PIERCE	WASSON LANE
6	1530-05-73	PEPIN	USH 10
7	7180-00-77	PEPIN	STH 35
8	7170-00-76	BUFFALO & PEPIN	STH 25



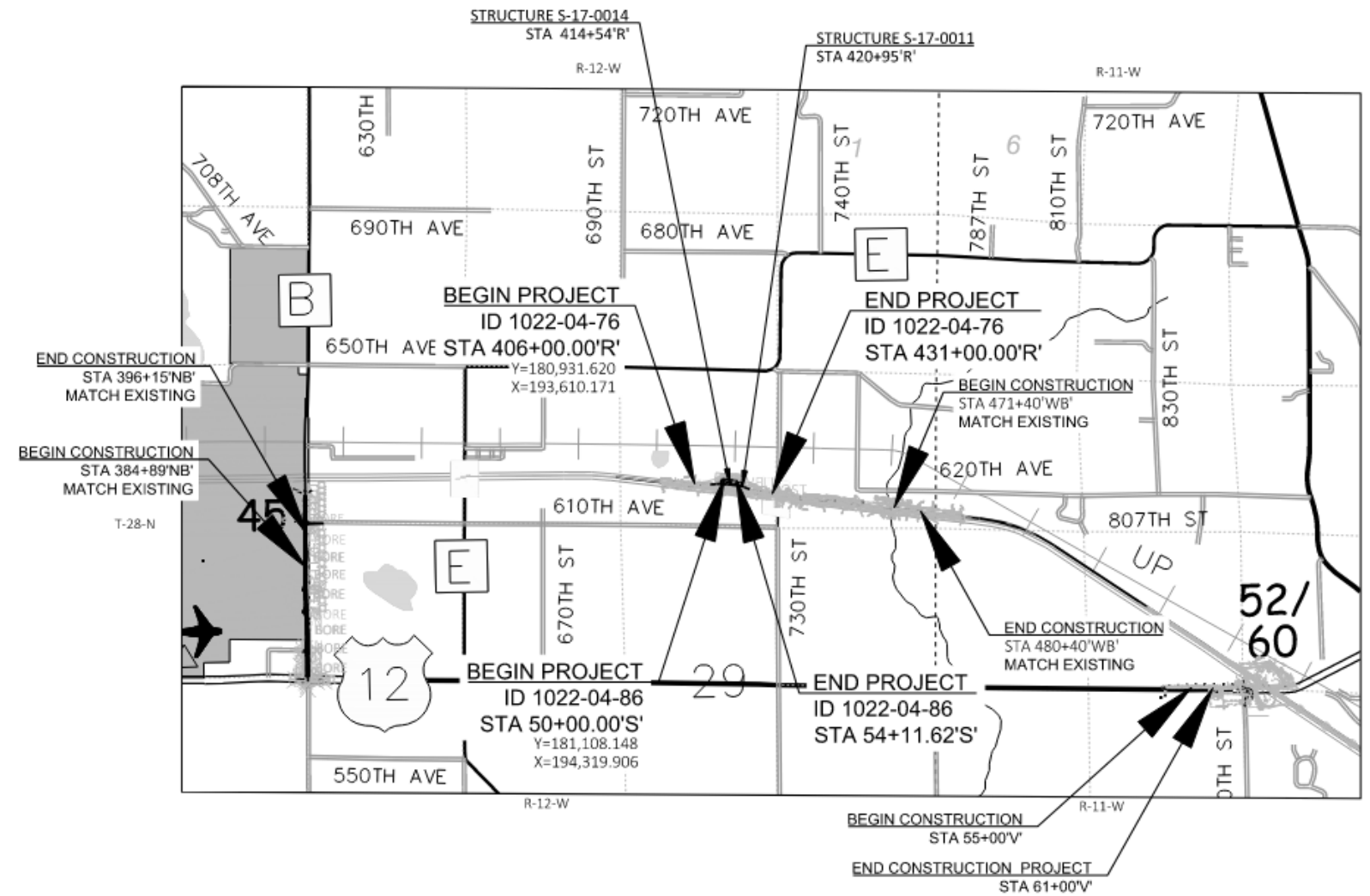
SITE 1 VILAS COUNTY STH 155

SITE 2 DUNN COUNTY IH 94

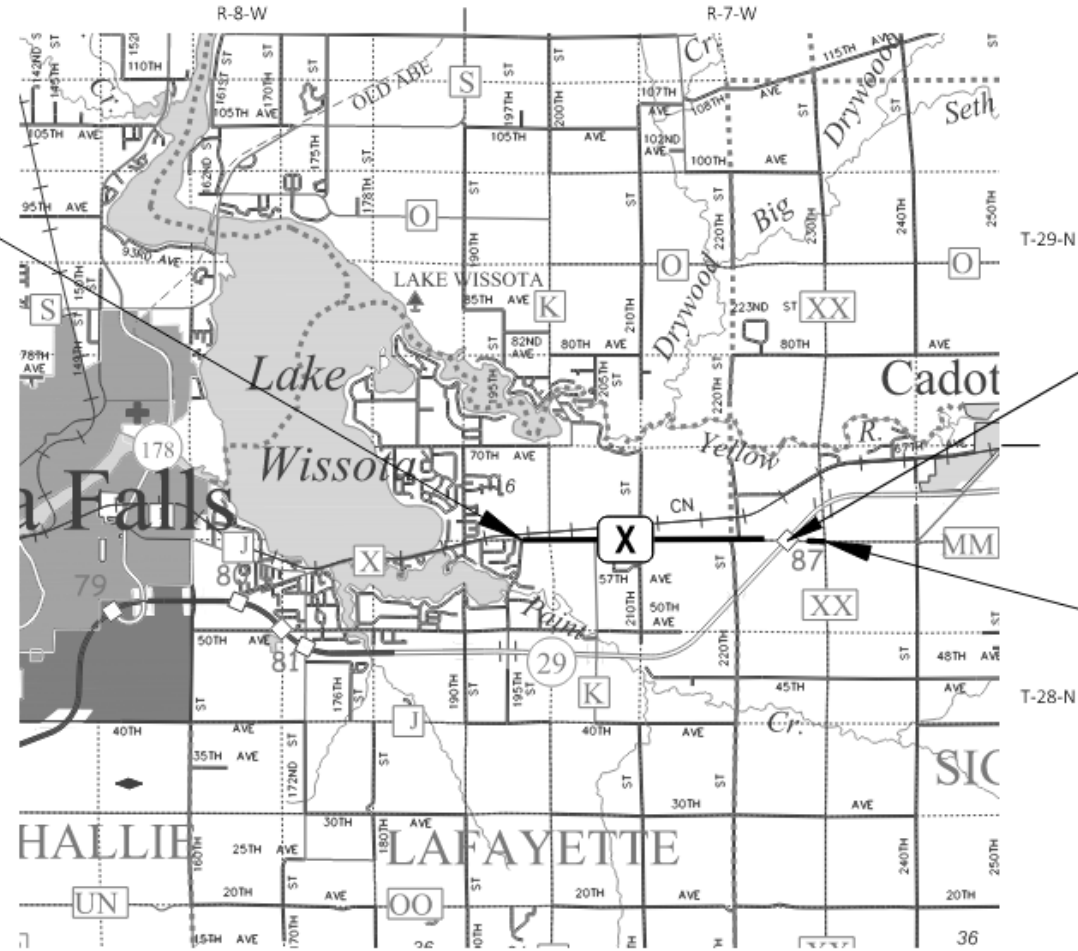


END PROJECT
STA 366+59

BEGIN PROJECT
STA 0+77.00
X = 441,348.997
Y = 105,012.568



BEGIN PROJECT
 STA 10+70.36
 Y=127,061.543
 X=202,132.791



SITE 3 CHIPPEWA
 COUNTY CTX

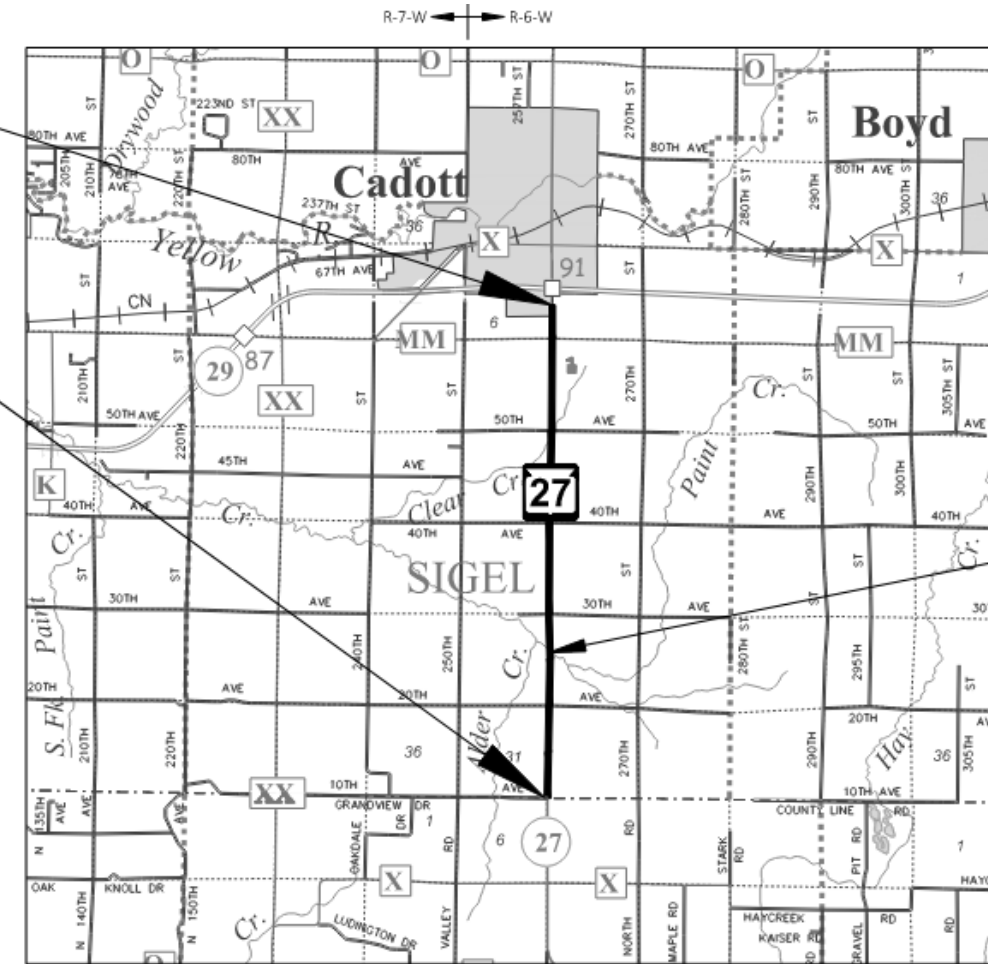
NFT EXCEPTION TO CL LENGTH
 STA 160+97 - STA 170+21
 STRUCTURE B-09-019

END PROJECT
 STA 190+12.33

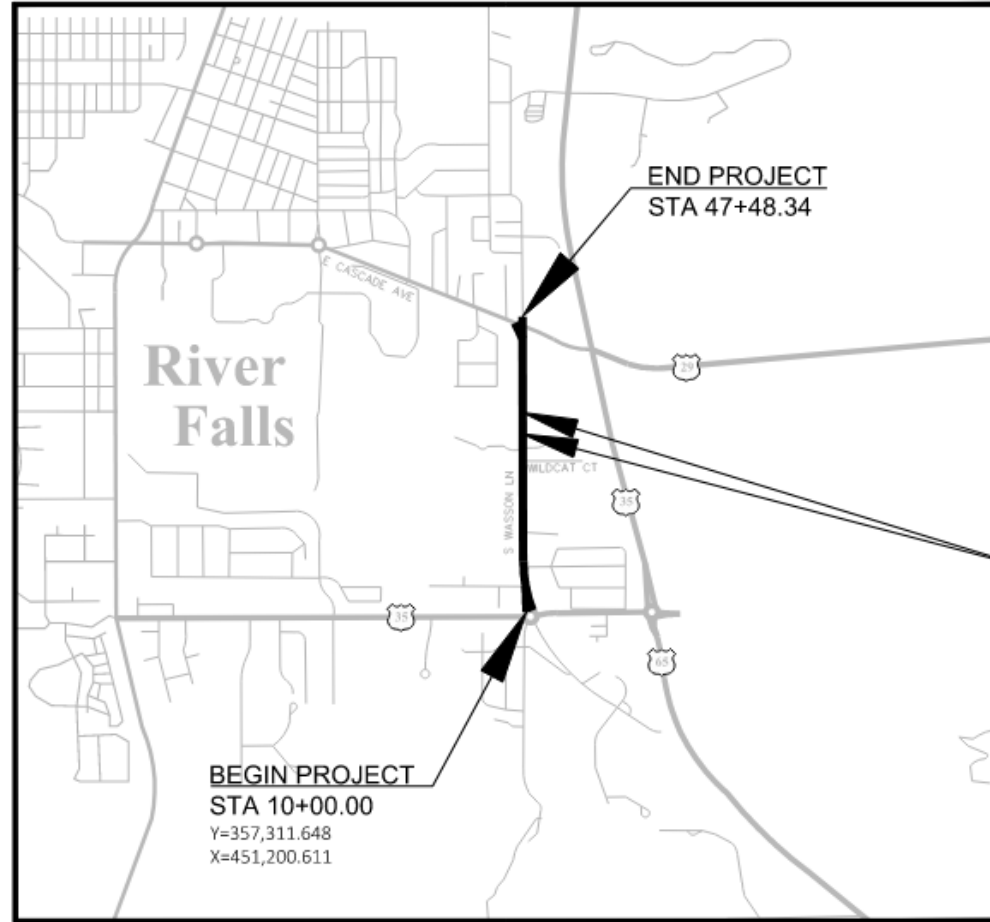
SITE 4 CHIPPEWA
 COUNTY STH 27

END PROJECT
 STA 288+45

BEGIN PROJECT
 STA 11+15
 X: 235,558.244
 Y: 100,699.348



STRUCTURE B-09-0026

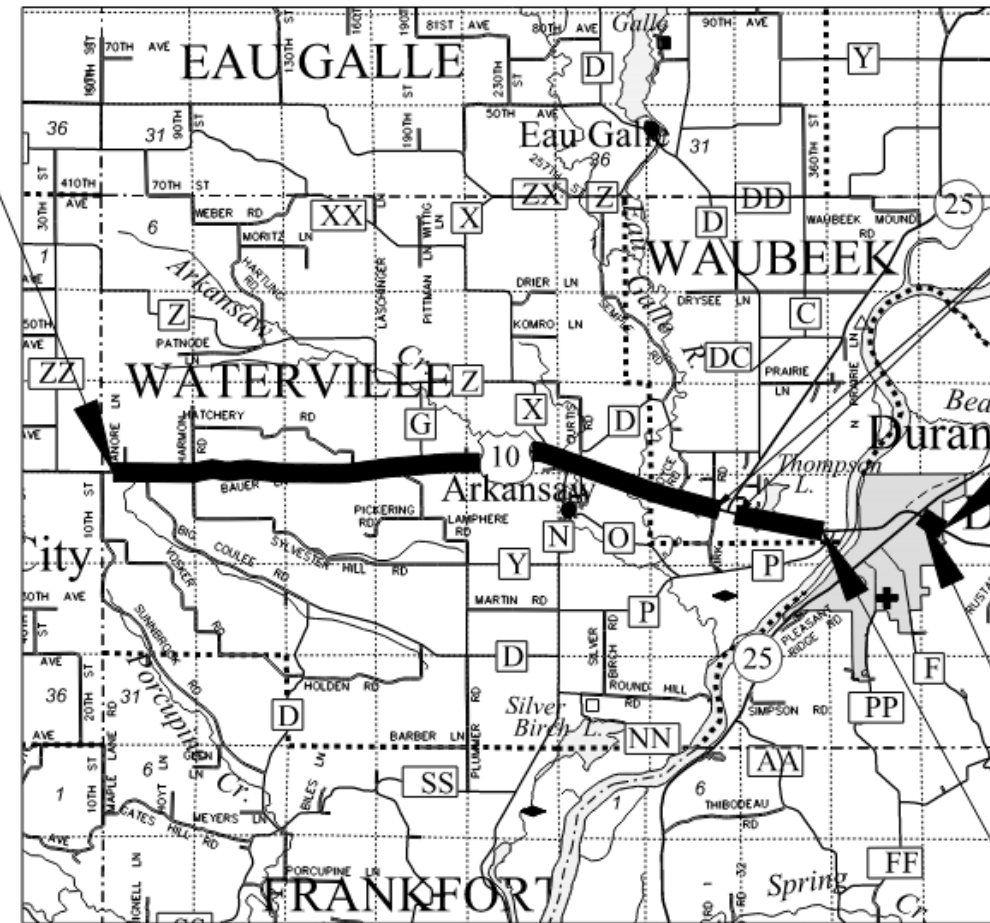


SITE 5
PIERCE COUNTY
WASSON LANE

T-27-N
NET EXCEPTION TO CL
STA. 34+42.17 - STA. 37+05.64
(STRUCTURE B-47-199)

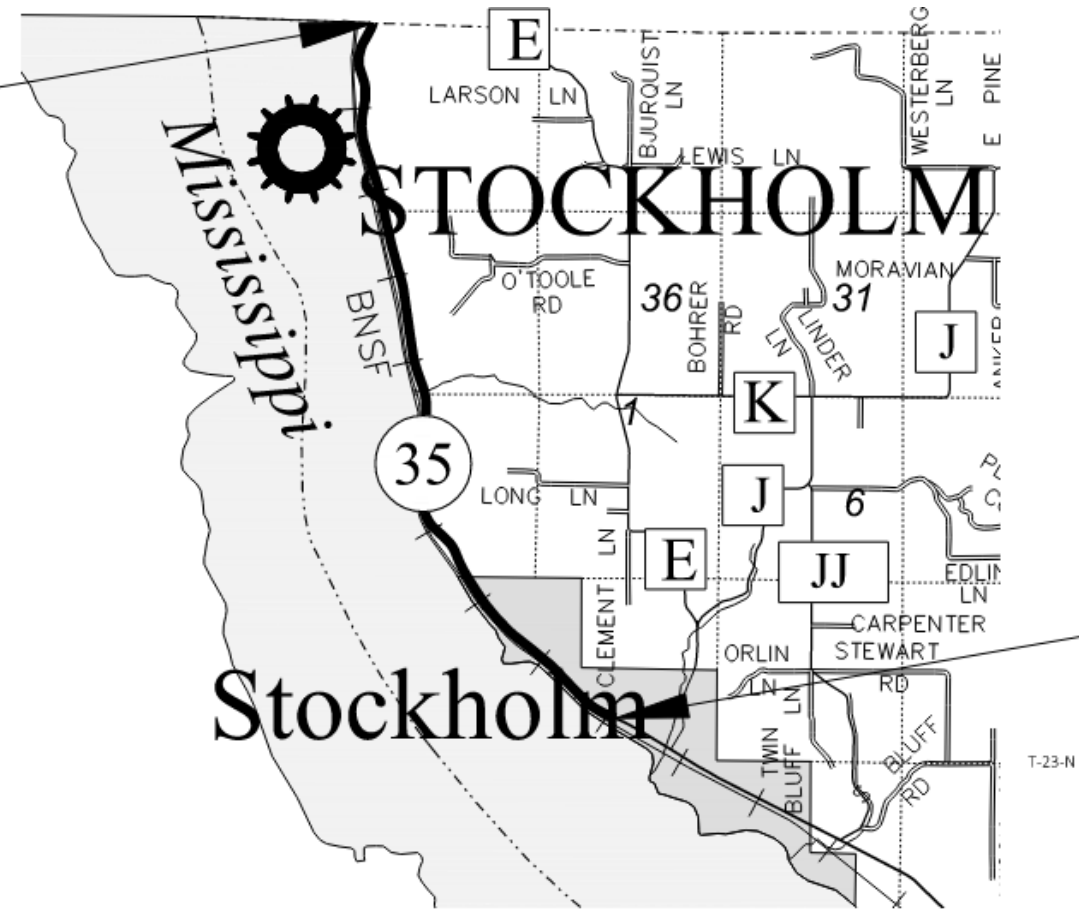
SITE 6
PEPIN COUNTY
USH 10

BEGIN PROJECT 1530-05-73
STA 15+98.10
Y= 283870.503
X= 574636.640



END PROJECT 1530-05-73
STA 431+91.60

END PROJECT
STA 244+00
Y = 247,196.496
X = 532,348.065



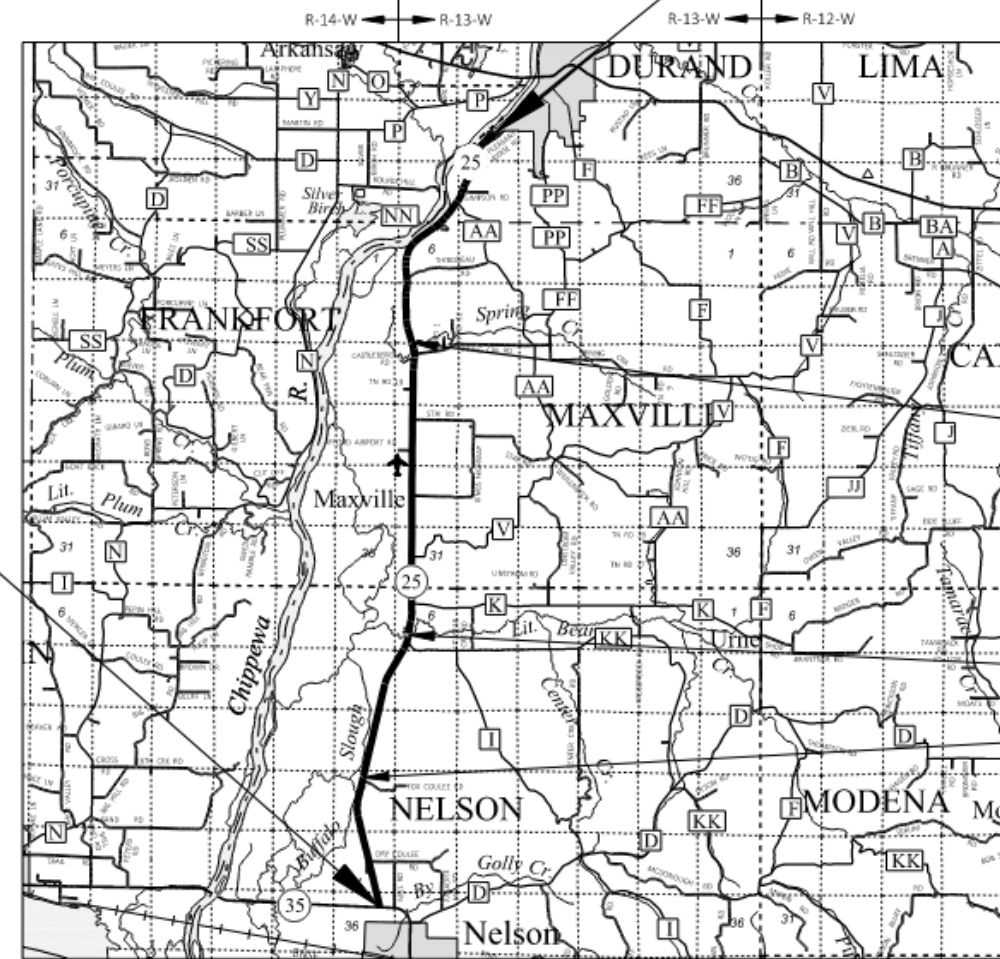
SITE 7 PEPIN
COUNTY STH 35

BEGIN PROJECT
STA 16+24
Y = 227,218.774
X = 539,648.969

SITE 8 BUFFALO & PEPIN
COUNTY STH 25

END PROJECT
STA 910+95.11

BEGIN PROJECT
STA 200+83.25
Y = 347,342.918
X = 517,023.394



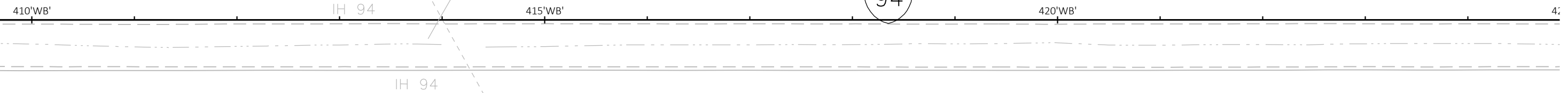
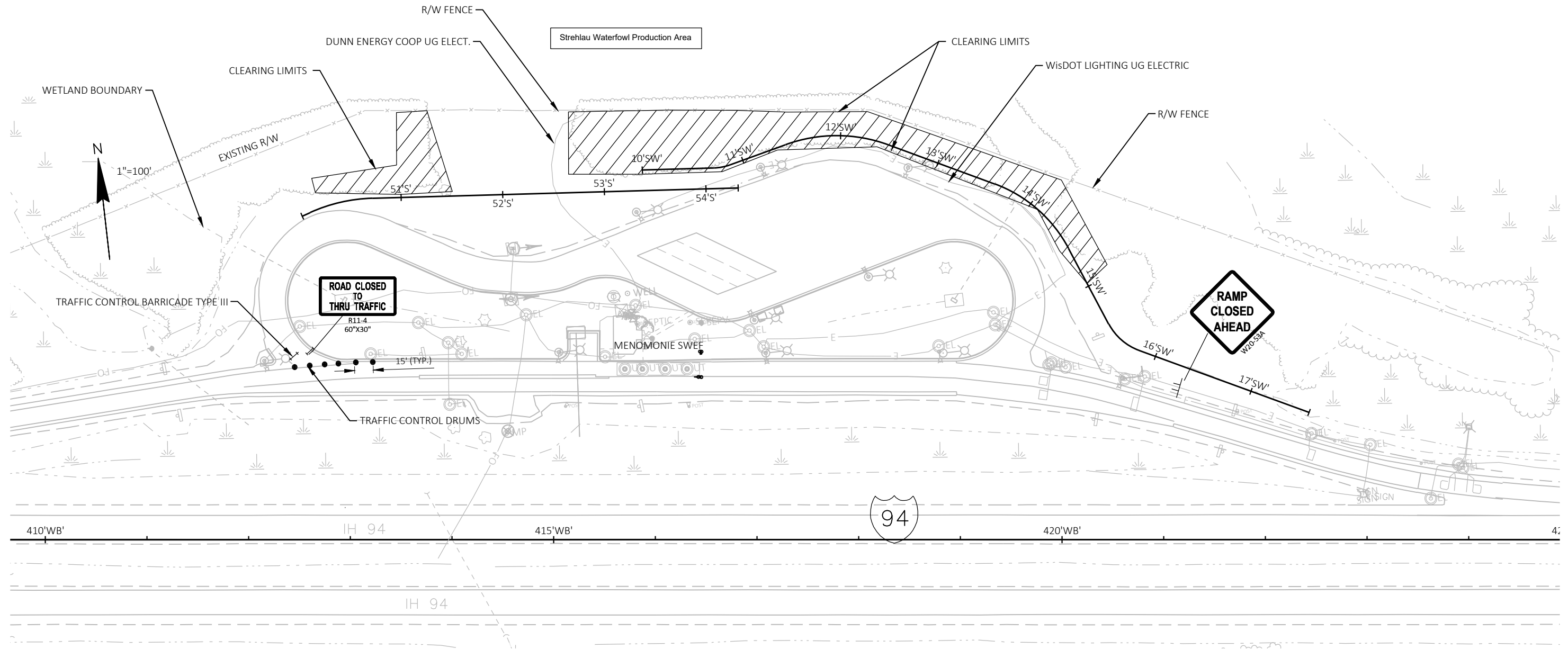
PEPIN COUNTY
BUFFALO COUNTY

NET EXCEPTION TO CL LENGTH
STA 699+62.65 - STA 700+82.39
B-06-0122

NET EXCEPTION TO CL LENGTH
STA 445+85.32 - STA 447+63.77
B-06-0299

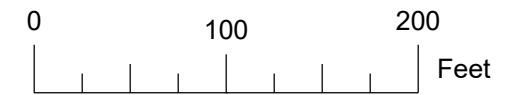
NET EXCEPTION TO CL LENGTH
STA 315+80.16 - STA 316+32.76
B-06-0185

PEPIN COUNTY BUFFALO COUNTY LAYOUT



- TRAFFIC CONTROL
- 6 - TRAFFIC CONTROL DRUMS
- 2 - TRAFFIC CONTROL SIGNS
- 2 - TRAFFIC CONTROL BARRICADES TYPE III

- EROSION CONTROL
- NON ANTICIPATED



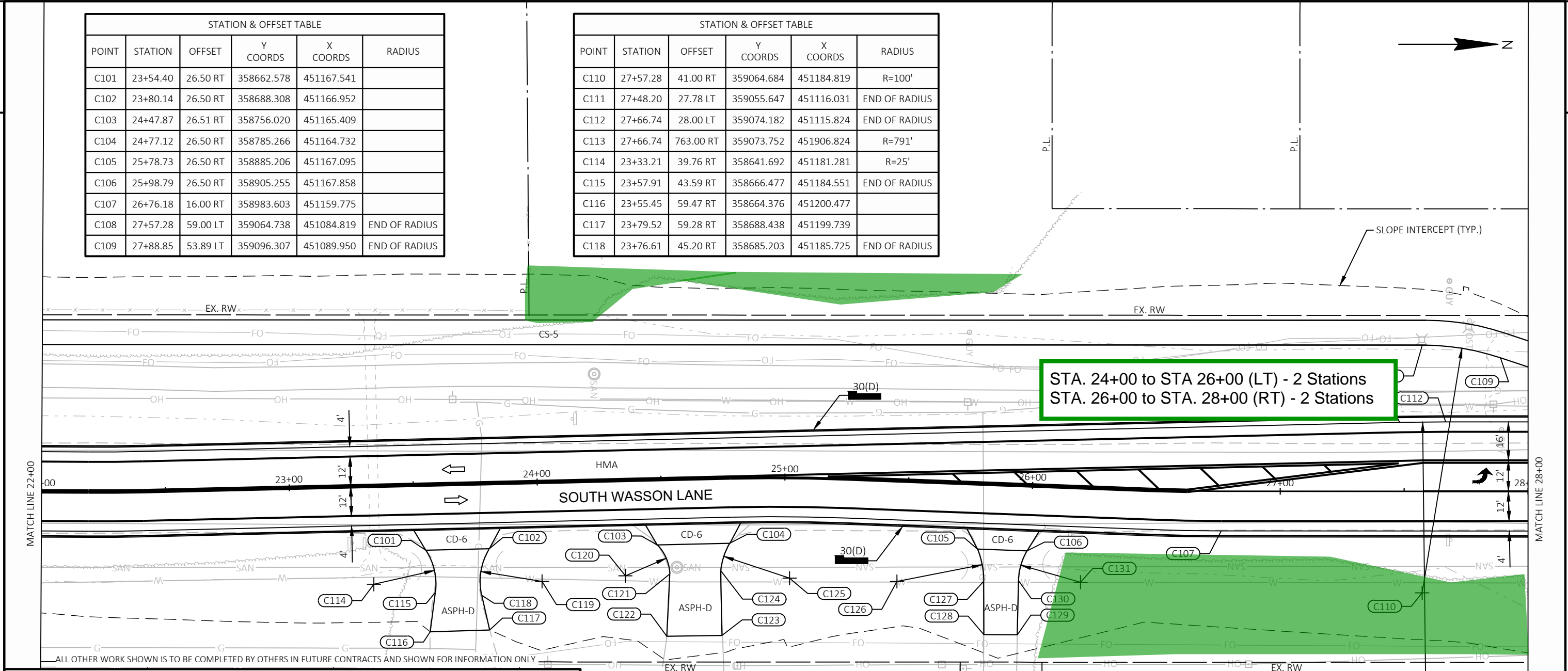
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
C101	23+54.40	26.50 RT	358662.578	451167.541	
C102	23+80.14	26.50 RT	358688.308	451166.952	
C103	24+47.87	26.51 RT	358756.020	451165.409	
C104	24+77.12	26.50 RT	358785.266	451164.732	
C105	25+78.73	26.50 RT	358885.206	451167.095	
C106	25+98.79	26.50 RT	358905.255	451167.858	
C107	26+76.18	16.00 RT	358983.603	451159.775	
C108	27+57.28	59.00 LT	359064.738	451084.819	END OF RADIUS
C109	27+88.85	53.89 LT	359096.307	451089.950	END OF RADIUS

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
C110	27+57.28	41.00 RT	359064.684	451184.819	R=100'
C111	27+48.20	27.78 LT	359055.647	451116.031	END OF RADIUS
C112	27+66.74	28.00 LT	359074.182	451115.824	END OF RADIUS
C113	27+66.74	763.00 RT	359073.752	451906.824	R=791'
C114	23+33.21	39.76 RT	358641.692	451181.281	R=25'
C115	23+57.91	43.59 RT	358666.477	451184.551	END OF RADIUS
C116	23+55.45	59.47 RT	358664.376	451200.477	
C117	23+79.52	59.28 RT	358688.438	451199.739	
C118	23+76.61	45.20 RT	358685.203	451185.725	END OF RADIUS

STA. 24+00 to STA 26+00 (LT) - 2 Stations
 STA. 26+00 to STA. 28+00 (RT) - 2 Stations

MATCH LINE 22+00

MATCH LINE 28+00



LEGEND

- CONCRETE CURB PEDESTRIAN
- CONCRETE CURB & CUTTER 18-INCH TYPE A (REJECT)
- CONCRETE CURB & GUTTER 30-INCH TYPE D
- CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
- CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
- REVERSE SLOPE GUTTER
- BAD BASE AGGREGATE DENSE 3/4-INCH
- CRTA-12(R) CONCRETE TRUCK APRON 12-INCH, COLORING CONCRETE WISDOT RED
- ASPH-D ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
- CCS-5 CONCRETE SIDEWALK 5-INCH, COLORING CONCRETE WISDOT RED
- CS-5 CONCRETE SIDEWALK 5-INCH
- ASPH-3.5" ASPHALTIC SURFACE
- CD-6 CONCRETE DRIVEWAY 6-INCH
- CONC-8 CONCRETE PAVEMENT 8-INCH
- HMA HMA PAVEMENT
- HMA-SH HMA PAVEMENT (SHOULDERS)
- CURB RAMP DETECTABLE WARNING FIELD YELLOW
- (A) CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
- (B) CONCRETE MEDIAN SLOPED NOSE (TYPE 2)
- (XXX) LAYOUT POINT NUMBER
- ///// SAWING ASPHALT REQ'D
- XXXX SAWING CONCRETE REQ'D
- TRAFFIC FLOW

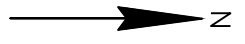
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
C119	24+01.09	40.13 RT	358709.562	451180.102	R=25'
C120	24+34.76	38.66 RT	358743.196	451177.860	R=18'
C121	24+52.64	38.34 RT	358761.055	451177.127	END OF RADIUS
C122	24+50.86	63.44 RT	358759.856	451202.262	
C123	24+73.17	63.61 RT	358782.160	451201.919	
C124	24+73.24	37.42 RT	358781.631	451175.741	END OF RADIUS
C125	25+02.25	40.78 RT	358809.441	451178.821	R=28'
C126	25+46.78	40.79 RT	358852.740	451180.158	R=35'
C127	25+81.75	39.37 RT	358887.740	451180.074	END OF RADIUS

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
C128	25+82.62	60.93 RT	358887.792	451201.647	
C129	25+96.18	60.49 RT	358901.350	451201.722	
C130	25+95.83	38.62 RT	358901.841	451179.855	END OF RADIUS
C131	26+20.83	38.30 RT	358926.833	451180.482	R=25'

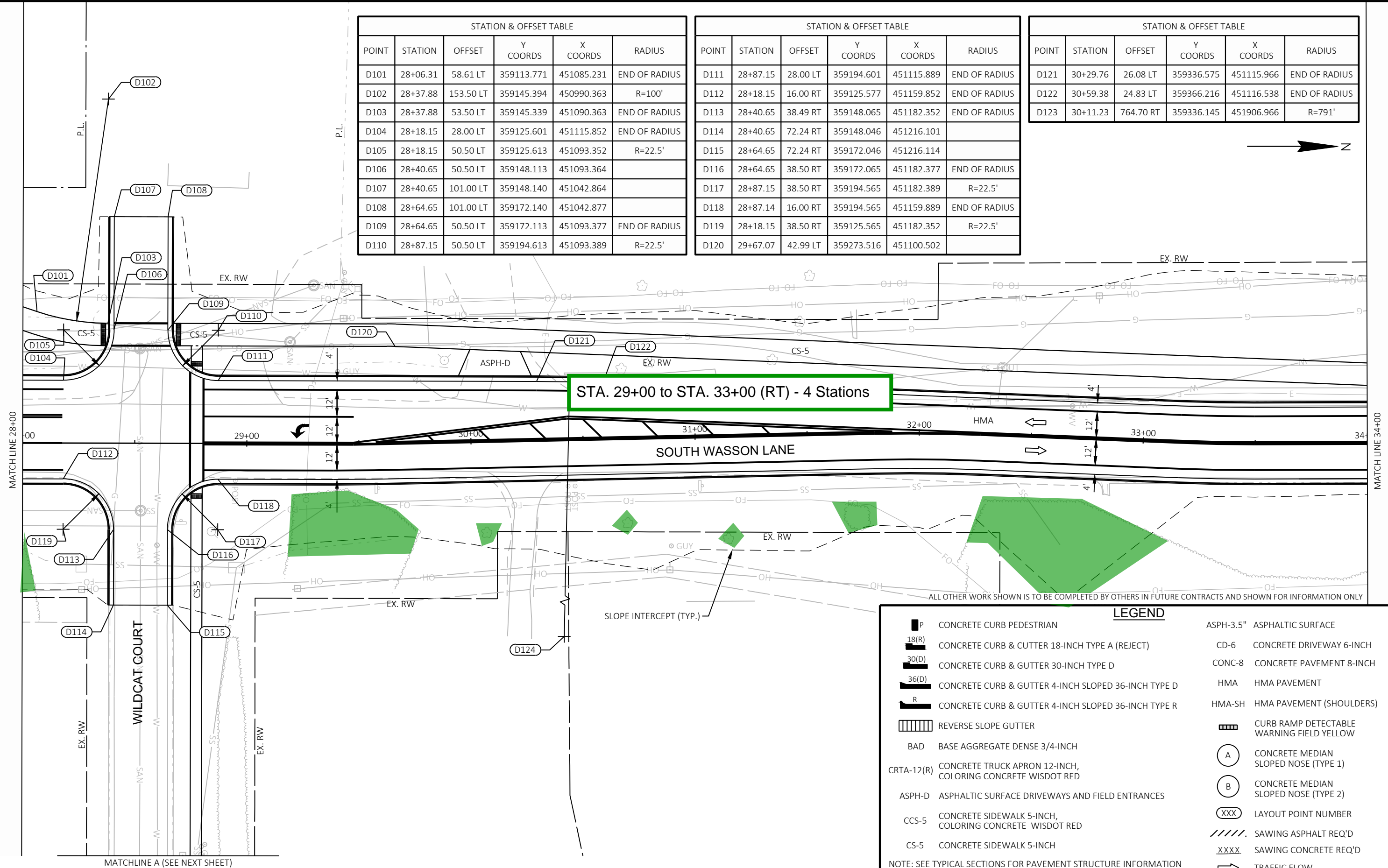
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
D101	28+06.31	58.61 LT	359113.771	451085.231	END OF RADIUS
D102	28+37.88	153.50 LT	359145.394	450990.363	R=100'
D103	28+37.88	53.50 LT	359145.339	451090.363	END OF RADIUS
D104	28+18.15	28.00 LT	359125.601	451115.852	END OF RADIUS
D105	28+18.15	50.50 LT	359125.613	451093.352	R=22.5'
D106	28+40.65	50.50 LT	359148.113	451093.364	
D107	28+40.65	101.00 LT	359148.140	451042.864	
D108	28+64.65	101.00 LT	359172.140	451042.877	
D109	28+64.65	50.50 LT	359172.113	451093.377	END OF RADIUS
D110	28+87.15	50.50 LT	359194.613	451093.389	R=22.5'

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
D111	28+87.15	28.00 LT	359194.601	451115.889	END OF RADIUS
D112	28+18.15	16.00 RT	359125.577	451159.852	END OF RADIUS
D113	28+40.65	38.49 RT	359148.065	451182.352	END OF RADIUS
D114	28+40.65	72.24 RT	359148.046	451216.101	
D115	28+64.65	72.24 RT	359172.046	451216.114	
D116	28+64.65	38.50 RT	359172.065	451182.377	END OF RADIUS
D117	28+87.15	38.50 RT	359194.565	451182.389	R=22.5'
D118	28+87.14	16.00 RT	359194.565	451159.889	END OF RADIUS
D119	28+18.15	38.50 RT	359125.565	451182.352	R=22.5'
D120	29+67.07	42.99 LT	359273.516	451100.502	

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
D121	30+29.76	26.08 LT	359336.575	451115.966	END OF RADIUS
D122	30+59.38	24.83 LT	359366.216	451116.538	END OF RADIUS
D123	30+11.23	764.70 RT	359336.145	451906.966	R=791'

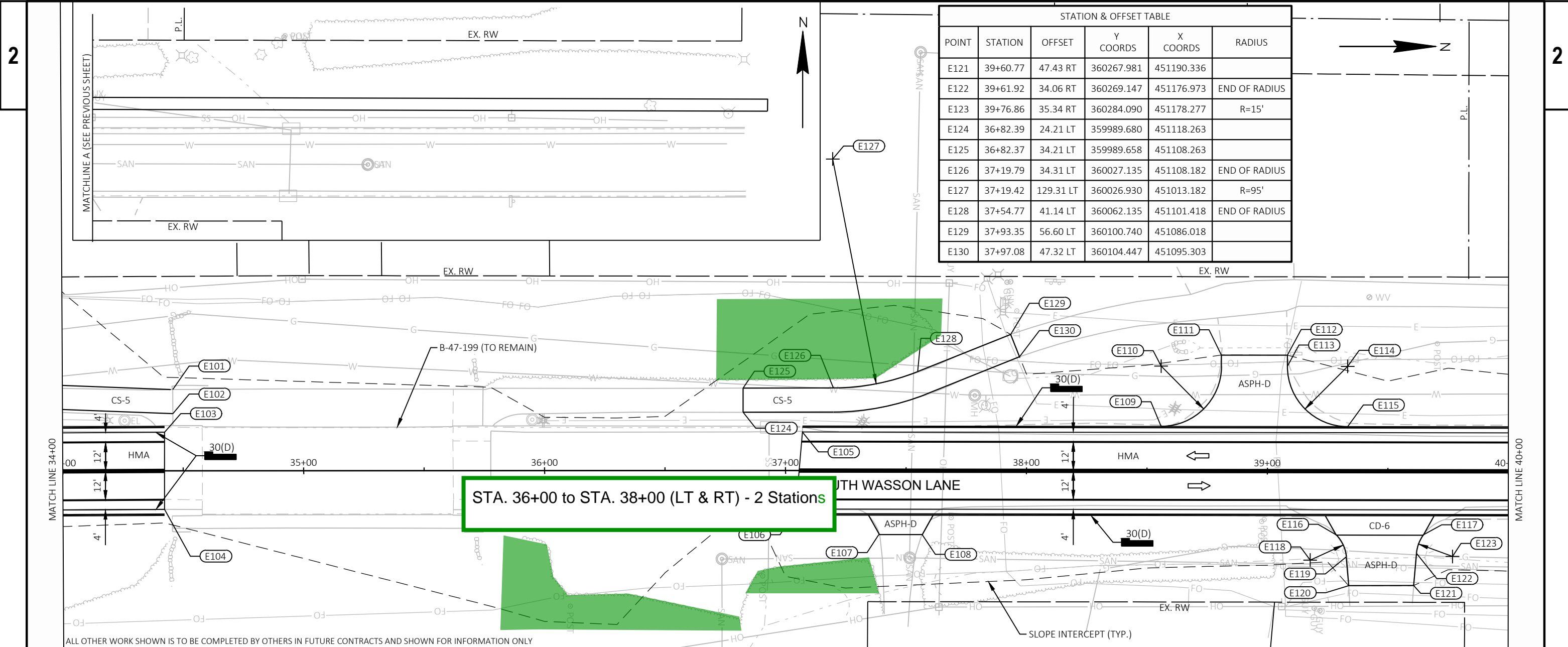


STA. 29+00 to STA. 33+00 (RT) - 4 Stations



LEGEND	
	CONCRETE CURB PEDESTRIAN
	CONCRETE CURB & CUTTER 18-INCH TYPE A (REJECT)
	CONCRETE CURB & GUTTER 30-INCH TYPE D
	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
	REVERSE SLOPE GUTTER
	BASE AGGREGATE DENSE 3/4-INCH
	CONCRETE TRUCK APRON 12-INCH, COLORING CONCRETE WISDOT RED
	ASPH-D ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
	CONCRETE SIDEWALK 5-INCH, COLORING CONCRETE WISDOT RED
	CONCRETE SIDEWALK 5-INCH
	CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
	CONCRETE MEDIAN SLOPED NOSE (TYPE 2)
	LAYOUT POINT NUMBER
	SAWING ASPHALT REQ'D
	SAWING CONCRETE REQ'D
	TRAFFIC FLOW
	ASPH-3.5" ASPHALTIC SURFACE
	CD-6 CONCRETE DRIVEWAY 6-INCH
	CONC-8 CONCRETE PAVEMENT 8-INCH
	HMA HMA PAVEMENT
	HMA-SH HMA PAVEMENT (SHOULDERS)
	CURB RAMP DETECTABLE WARNING FIELD YELLOW

NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION



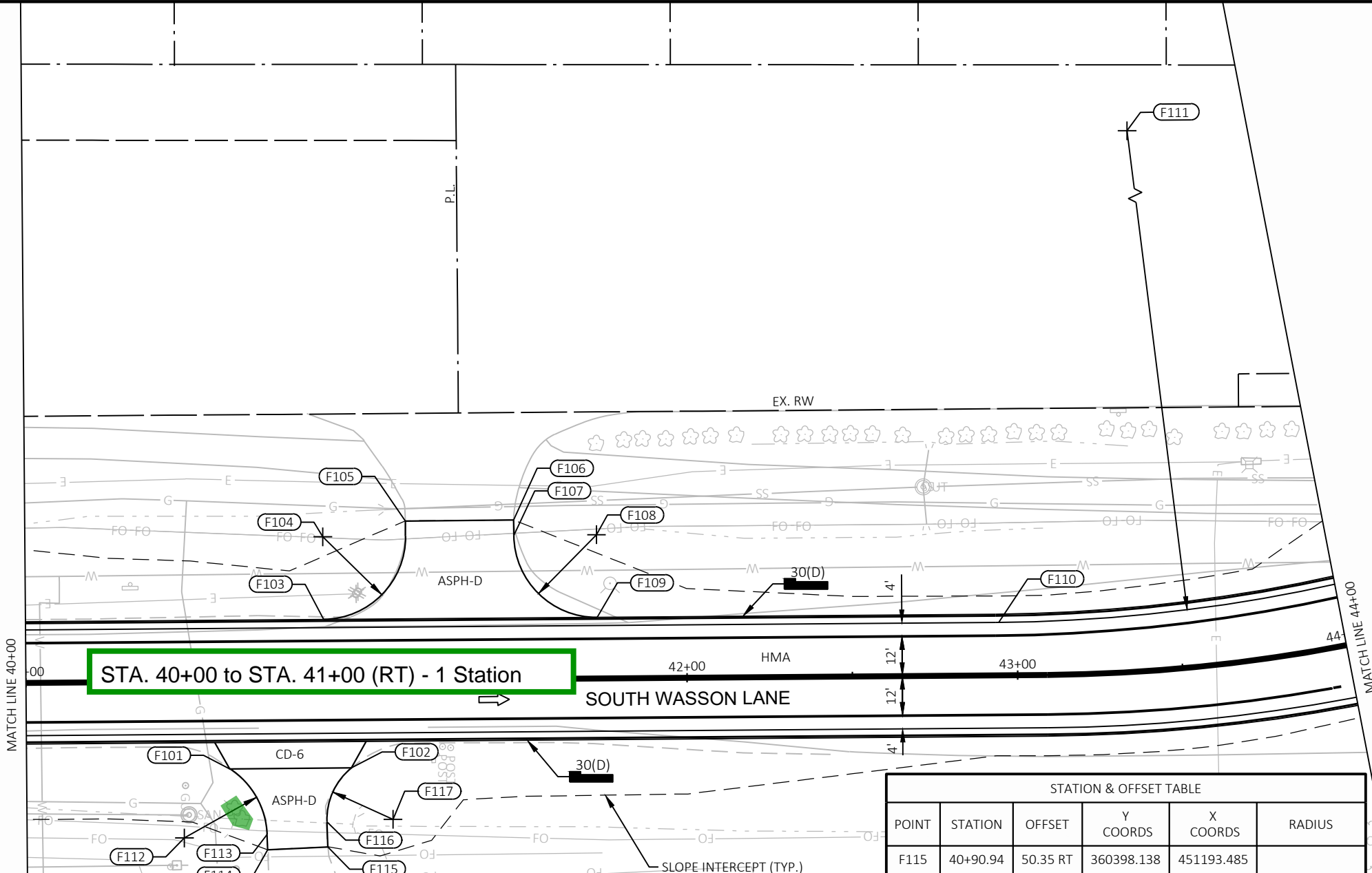
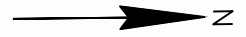
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
E121	39+60.77	47.43 RT	360267.981	451190.336	
E122	39+61.92	34.06 RT	360269.147	451176.973	END OF RADIUS
E123	39+76.86	35.34 RT	360284.090	451178.277	R=15'
E124	36+82.39	24.21 LT	359989.680	451118.263	
E125	36+82.37	34.21 LT	359989.658	451108.263	
E126	37+19.79	34.31 LT	360027.135	451108.182	END OF RADIUS
E127	37+19.42	129.31 LT	360026.930	451013.182	R=95'
E128	37+54.77	41.14 LT	360062.135	451101.418	END OF RADIUS
E129	37+93.35	56.60 LT	360100.740	451086.018	
E130	37+97.08	47.32 LT	360104.447	451095.303	

STA. 36+00 to STA. 38+00 (LT & RT) - 2 Stations

LEGEND	
	P CONCRETE CURB PEDESTRIAN
	18(R) CONCRETE CURB & CUTTER 18-INCH TYPE A (REJECT)
	30(D) CONCRETE CURB & GUTTER 30-INCH TYPE D
	36(D) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
	R CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
	REVERSE SLOPE GUTTER
	BAD BASE AGGREGATE DENSE 3/4-INCH
	CRTA-12(R) CONCRETE TRUCK APRON 12-INCH, COLORING CONCRETE WISDOT RED
	ASPH-D ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
	CCS-5 CONCRETE SIDEWALK 5-INCH, COLORING CONCRETE WISDOT RED
	CS-5 CONCRETE SIDEWALK 5-INCH
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION	
	ASPH-3.5" ASPHALTIC SURFACE
	CD-6 CONCRETE DRIVEWAY 6-INCH
	CONC-8 CONCRETE PAVEMENT 8-INCH
	HMA HMA PAVEMENT
	HMA-SH HMA PAVEMENT (SHOULDERS)
	CURB RAMP DETECTABLE WARNING FIELD YELLOW
	(A) CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
	(B) CONCRETE MEDIAN SLOPED NOSE (TYPE 2)
	(XXX) LAYOUT POINT NUMBER
	////// SAWING ASPHALT REQ'D
	XXXX SAWING CONCRETE REQ'D
	➔ TRAFFIC FLOW

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
E101	34+45.63	33.78 LT	359752.918	451108.685	
E102	34+45.68	23.72 LT	359752.974	451118.743	
E103	34+42.26	16.00 LT	359749.553	451126.465	
E104	34+42.13	15.94 RT	359749.495	451158.407	
E105	37+06.98	16.00 LT	360014.295	451126.472	
E106	37+04.24	16.30 RT	360011.533	451158.766	
E107	37+38.76	26.50 RT	360046.004	451169.027	
E108	37+56.70	26.50 RT	360063.945	451169.058	
E109	38+55.86	18.50 LT	360163.186	451124.231	END OF RADIUS
E110	38+55.82	43.50 LT	360163.186	451099.231	R=25'

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
E111	38+80.82	48.09 LT	360188.193	451094.678	END OF RADIUS
E112	39+08.26	48.14 LT	360215.632	451094.678	
E113	39+08.26	43.50 LT	360215.624	451099.322	END OF RADIUS
E114	39+33.26	43.50 LT	360240.624	451099.365	R=25'
E115	39+33.26	18.50 LT	360240.581	451124.365	END OF RADIUS
E116	39+28.75	26.50 RT	360235.998	451169.353	
E117	39+64.48	26.50 RT	360271.725	451169.414	
E118	39+17.78	36.90 RT	360225.006	451179.738	R=15'
E119	39+32.72	35.56 RT	360239.948	451178.417	END OF RADIUS
E120	39+33.80	47.49 RT	360241.003	451190.353	



STA. 40+00 to STA. 41+00 (RT) - 1 Station

SOUTH WASSON LANE

POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
F115	40+90.94	50.35 RT	360398.138	451193.485	
F116	40+90.71	42.75 RT	360397.929	451185.879	END OF RADIUS
F117	41+10.70	42.16 RT	360417.921	451185.329	R=20'

POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
F101	40+61.47	26.50 RT	360368.709	451169.581	
F102	40+98.27	26.50 RT	360405.512	451169.644	
F103	40+90.19	18.49 LT	360397.508	451124.638	END OF RADIUS
F104	40+90.14	43.49 LT	360397.508	451099.638	R=25'
F105	41+15.14	48.08 LT	360422.516	451095.094	END OF RADIUS
F106	41+47.91	48.14 LT	360455.287	451095.094	
F107	41+47.91	43.45 LT	360455.278	451099.781	END OF RADIUS

POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
F108	41+72.91	43.49 LT	360480.278	451099.781	R=25'
F109	41+72.91	18.49 LT	360480.235	451124.781	END OF RADIUS
F110	42+94.35	15.99 LT	360601.663	451127.491	END OF RADIUS
F111	42+93.50	511.99 LT	360601.663	450631.491	R=500'
F112	40+47.57	47.28 RT	360354.777	451190.339	R=25'
F113	40+72.56	46.48 RT	360379.765	451189.583	END OF RADIUS
F114	40+72.70	51.04 RT	360379.903	451194.142	

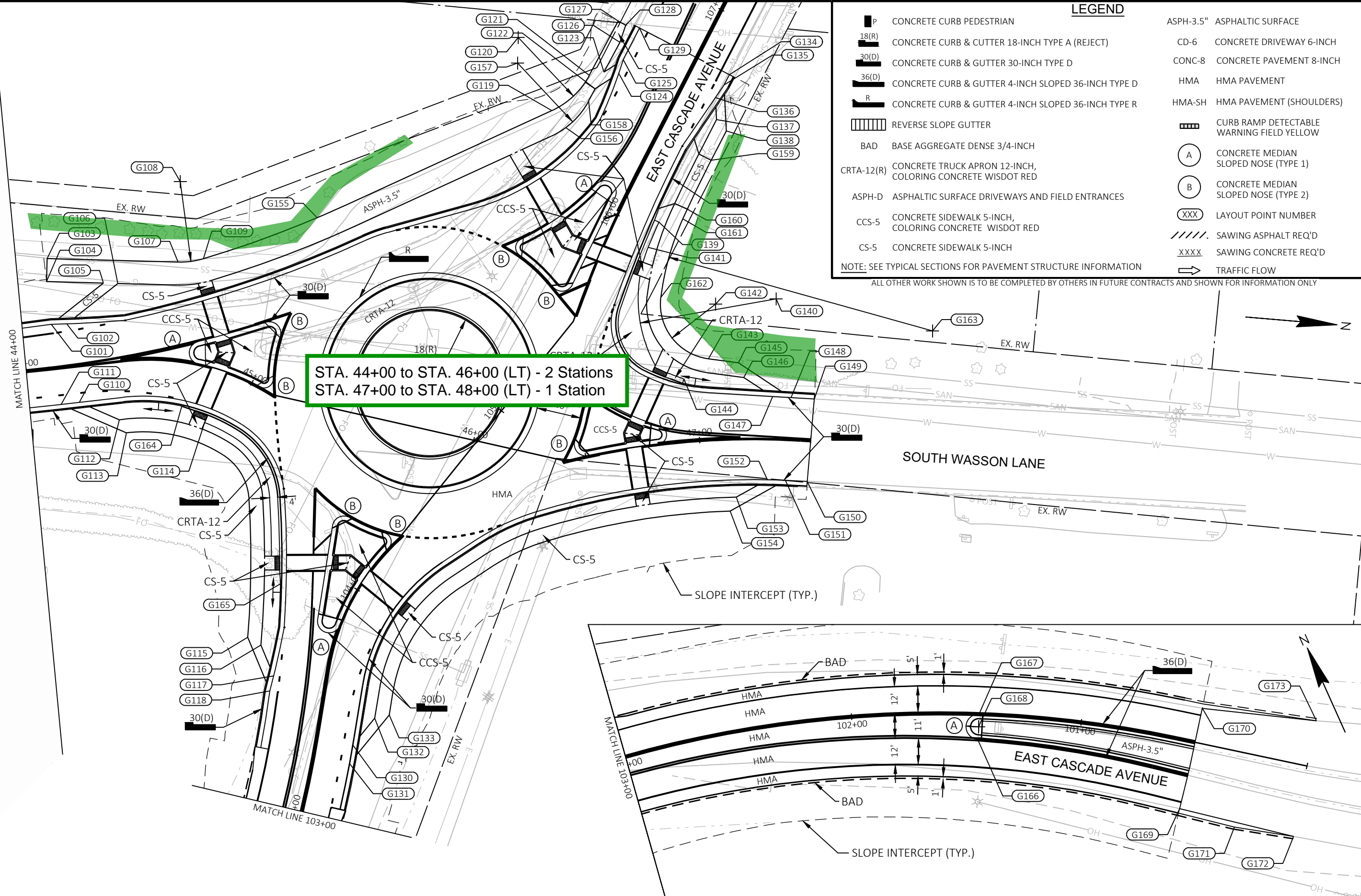
ALL OTHER WORK SHOWN IS TO BE COMPLETED BY OTHERS IN FUTURE CONTRACTS AND SHOWN FOR INFORMATION ONLY

LEGEND

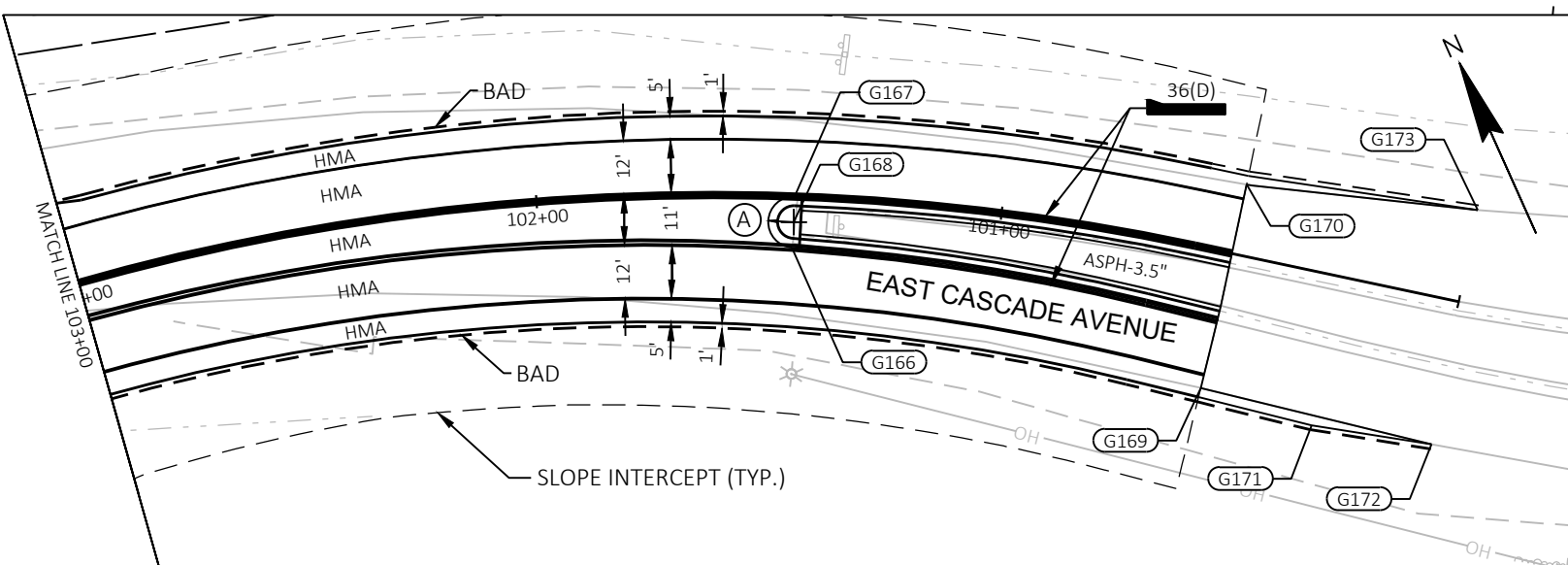
P CONCRETE CURB PEDESTRIAN	ASPH-3.5" ASPHALTIC SURFACE
18(R) CONCRETE CURB & CUTTER 18-INCH TYPE A (REJECT)	CD-6 CONCRETE DRIVEWAY 6-INCH
30(D) CONCRETE CURB & GUTTER 30-INCH TYPE D	CONC-8 CONCRETE PAVEMENT 8-INCH
36(D) CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D	HMA HMA PAVEMENT
R CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R	HMA-SH HMA PAVEMENT (SHOULDERS)
REVERSE SLOPE GUTTER	CURB RAMP DETECTABLE WARNING FIELD YELLOW
BAD BASE AGGREGATE DENSE 3/4-INCH	A CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
CRTA-12(R) CONCRETE TRUCK APRON 12-INCH, COLORING CONCRETE WISDOT RED	B CONCRETE MEDIAN SLOPED NOSE (TYPE 2)
ASPH-D ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	(XXX) LAYOUT POINT NUMBER
CCS-5 CONCRETE SIDEWALK 5-INCH, COLORING CONCRETE WISDOT RED	SAWING ASPHALT REQ'D
CS-5 CONCRETE SIDEWALK 5-INCH	XXXX SAWING CONCRETE REQ'D
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION	TRAFFIC FLOW

LEGEND

	CONCRETE CURB PEDESTRIAN		ASPH-3.5" ASPHALTIC SURFACE
	CONCRETE CURB & CUTTER 18-INCH TYPE A (REJECT)		CD-6 CONCRETE DRIVEWAY 6-INCH
	CONCRETE CURB & GUTTER 30-INCH TYPE D		CONC-8 CONCRETE PAVEMENT 8-INCH
	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D		HMA HMA PAVEMENT
	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R		HMA-SH HMA PAVEMENT (SHOULDERS)
	REVERSE SLOPE GUTTER		CURB RAMP DETECTABLE WARNING FIELD YELLOW
	BAD BASE AGGREGATE DENSE 3/4-INCH		CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
	CRTA-12(R) CONCRETE TRUCK APRON 12-INCH, COLORING CONCRETE WISDOT RED		CONCRETE MEDIAN SLOPED NOSE (TYPE 2)
	ASPH-D ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES		LAYOUT POINT NUMBER
	CCS-5 CONCRETE SIDEWALK 5-INCH, COLORING CONCRETE WISDOT RED		SAWING ASPHALT REQ'D
	CS-5 CONCRETE SIDEWALK 5-INCH		SAWING CONCRETE REQ'D
NOTE: SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE INFORMATION			TRAFFIC FLOW
ALL OTHER WORK SHOWN IS TO BE COMPLETED BY OTHERS IN FUTURE CONTRACTS AND SHOWN FOR INFORMATION ONLY			



STA. 44+00 to STA. 46+00 (LT) - 2 Stations
 STA. 47+00 to STA. 48+00 (LT) - 1 Station



Estimate Of Quantities

1009-37-02

Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	86.000	86.000
0004	213.0100	Finishing Roadway (project) 01. 1009-37-02	EACH	1.000	1.000
0006	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1009-37-02	EACH	1.000	1.000
0008	619.1000	Mobilization	EACH	1.000	1.000
0010	SPV.0060	Special 01. Semi-Permanent Restoration	EACH	8.000	8.000
0012	SPV.0060	Special 02. Work on Shoulder or Parking Lane Undivided Roadway	EACH	4.000	4.000
0014	SPV.0060	Special 03. Single Lane Closure With Bi-Directional Traffic	EACH	4.000	4.000

TREE CLEARING

201.0105
CLEARING

SITE	LOCATION	STATION	TO	STATION	OFFSET	STA	REMARKS
1	STH 155	203+00	-	205+00	LT/RT	2	C-63-155-004223 (30 TREES)
	STH 155	299+00	-	300+00	LT/RT	1	C-63-155-004225 (4 TREES)
	LOLLY COOGAN LN	0+00	-	2+00	LT	2	C-63-155-004224 (2 TREES)
						SUBTOTAL	5
2	IH 94 SWEF	10+00 'SW'	-	15+00 'SW'	LT/RT	5	SWALE
	IH 94 SWEF	50+00 'S'	-	54+00 'S'	LT	4	SALT SHED
						SUBTOTAL	9
3	CTH X	75+00	-	77+00	LT	2	
	CTH X	90+00	-	92+00	RT	2	
	CTH X	92+00	-	94+00	LT	2	
	CTH X	98+00	-	104+00	LT	6	
	CTH X	104+00	-	106+00	RT	2	
	CTH X	108+00	-	110+00	RT	2	
	CTH X	113+00	-	116+00	RT	3	
	CTH X	170+00	-	172+00	LT	2	
						SUBTOTAL	21
4	STH 27	96+00	-	99+00	LT	3	
	STH 27	159+00	-	161+00	LT	2	
	STH 27	195+00	-	197+00	LT	2	
	STH 27	258+00	-	259+00	LT	1	
	STH 27	279+00	-	280+00	LT/RT	1	
						SUBTOTAL	9
5	SOUTH WASSON LANE	24+00	-	26+00	LT	2	
	SOUTH WASSON LANE	26+00	-	28+00	RT	2	
	SOUTH WASSON LANE	29+00	-	33+00	RT	4	
	SOUTH WASSON LANE	36+00	-	38+00	LT/RT	2	
	SOUTH WASSON LANE	40+00	-	41+00	RT	1	
	SOUTH WASSON LANE	44+00	-	46+00	LT	2	
SOUTH WASSON LANE	47+00	-	48+00	LT	1		
						SUBTOTAL	14

TREE CLEARING (CONTINUED)

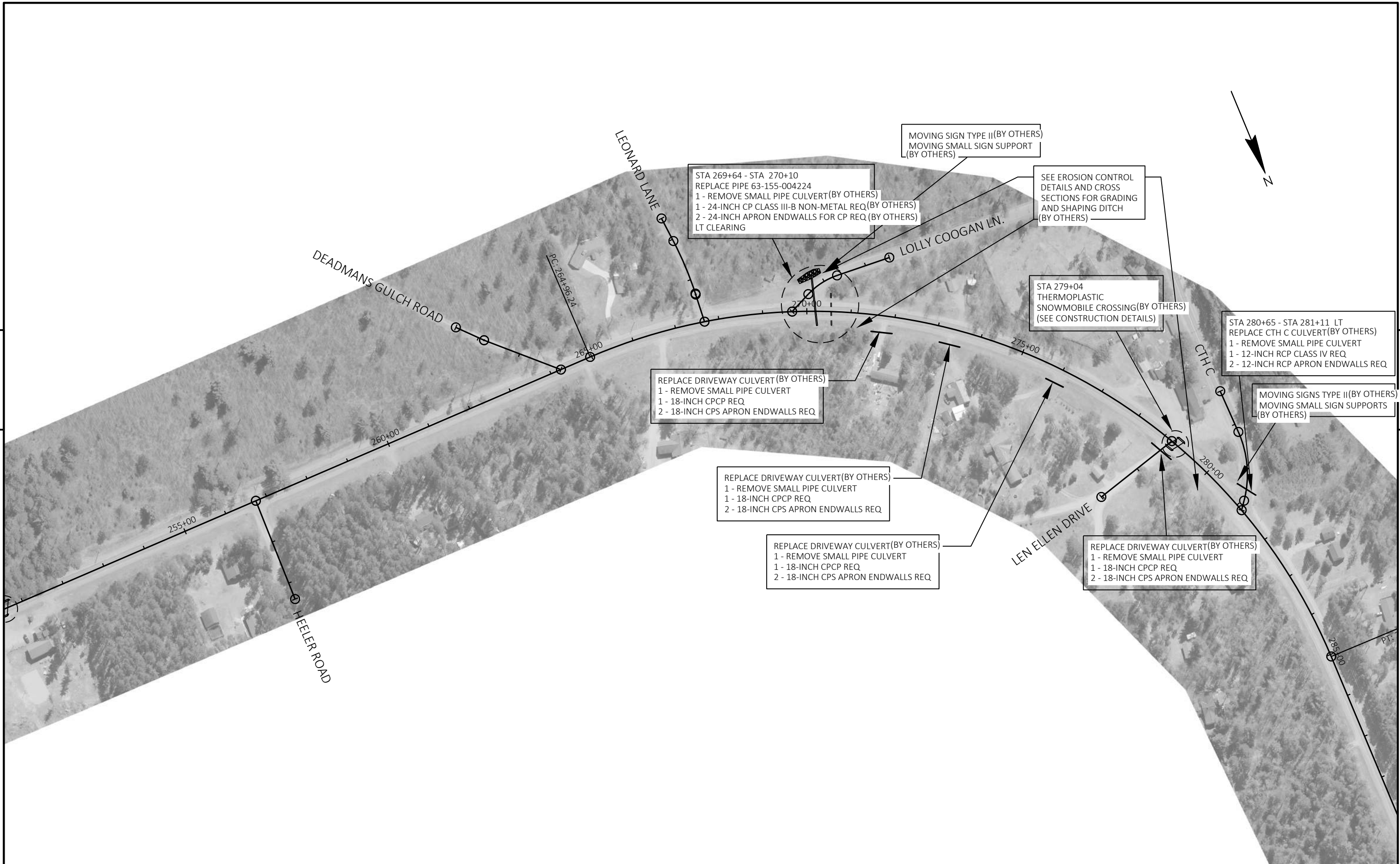
201.0105
CLEARING

SITE	LOCATION	STATION	TO	STATION	OFFSET	STA	REMARKS
6	USH 10	100+00	-	101+00	LT/RT	1	
	USH 10	118+00	-	119+00	RT	1	
	USH 10	225+00	-	227+00	LT/RT	2	
	USH 10	258+00	-	263+00	LT/RT	5	
	USH 10	278+00	-	279+00	RT	1	
						SUBTOTAL	12
7	STH 35	26+00	-	27+00	LT	1	
	STH 35	31+00	-	32+00	LT	1	
	STH 35	51+00	-	52+00	LT	1	
	STH 35	64+00	-	65+00	LT	1	
	STH 35	94+00	-	95+00	LT	1	
	STH 35	114+00	-	115+00	LT	1	
	STH 35	134+00	-	135+00	LT	1	
	STH 35	135+00	-	136+00	LT	1	
	STH 35	149+00	-	150+00	LT	1	
	STH 35	171+00	-	172+00	LT	1	
	STH 35	212+00	-	213+00	LT	1	
	STH 35	227+00	-	228+00	LT	1	
						SUBTOTAL	12
8	STH 25	880+00	-	884+00	LT	4	
						SUBTOTAL	4
						TOTAL	86

EROSION CONTROL AND TRAFFIC CONTROL

SITE	SPV.0060.01	SPV.0060.02	SPV.0060.03
	SEMI-PERMANENT RESTORATION EACH	WORK ON SHOULDER OR PARKING LANE UNDIVIDED ROADWAY EACH	SINGLE LANE CLOSURE WITH BI-DIRECTIONAL TRAFFIC EACH
1	1	-	1
2	1	1	-
3	1	1	-
4	1	-	1
5	1	-	1
6	1	1	-
7	1	1	-
8	1	-	1
TOTAL	8	4	4





5

5

PROJECT NO: 1009-37-02	HWY: STH 155	COUNTY: VILAS	PLAN -- SITE 1	SHEET	E
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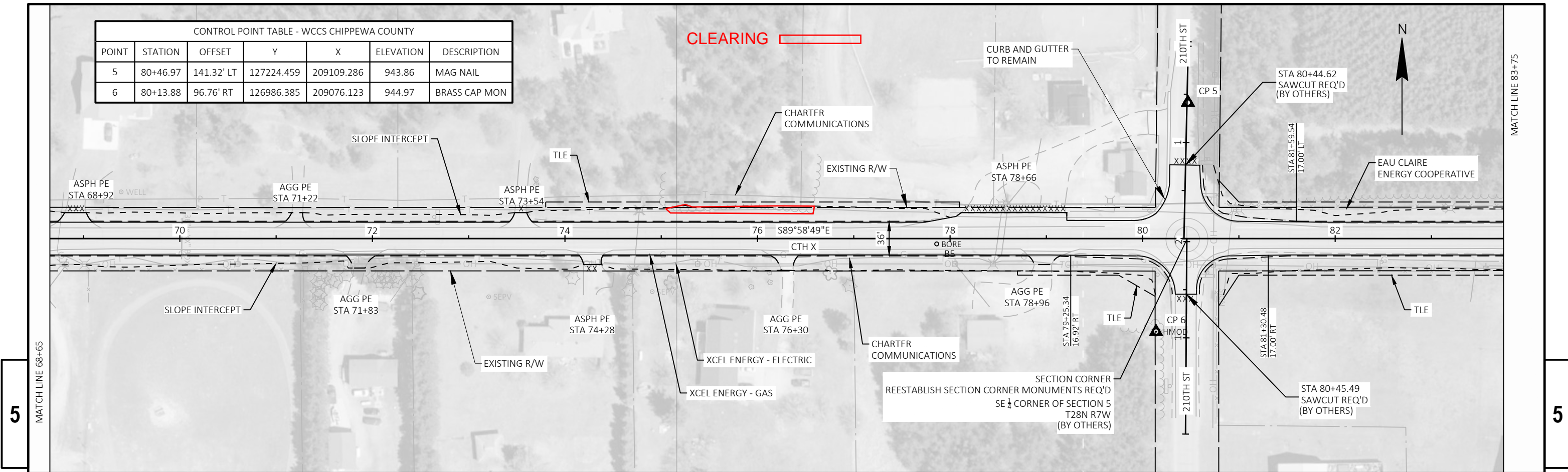


STA 299+19
REPAIR EXISTING PIPE 63-155-004225
24-INCH CORRUGATED STEEL
1 - CLEAN CULVERT PIPE FOR LINER VERIFICATION REQ (BY OTHERS)
1 - CULVERT PIPE LINERS 24-INCH REQ (BY OTHERS)
LT & RT CLEARING

PROJECT NO: 1009-37-02	HWY: STH 155	COUNTY: VILAS	PLAN -- SITE 1	SHEET	E
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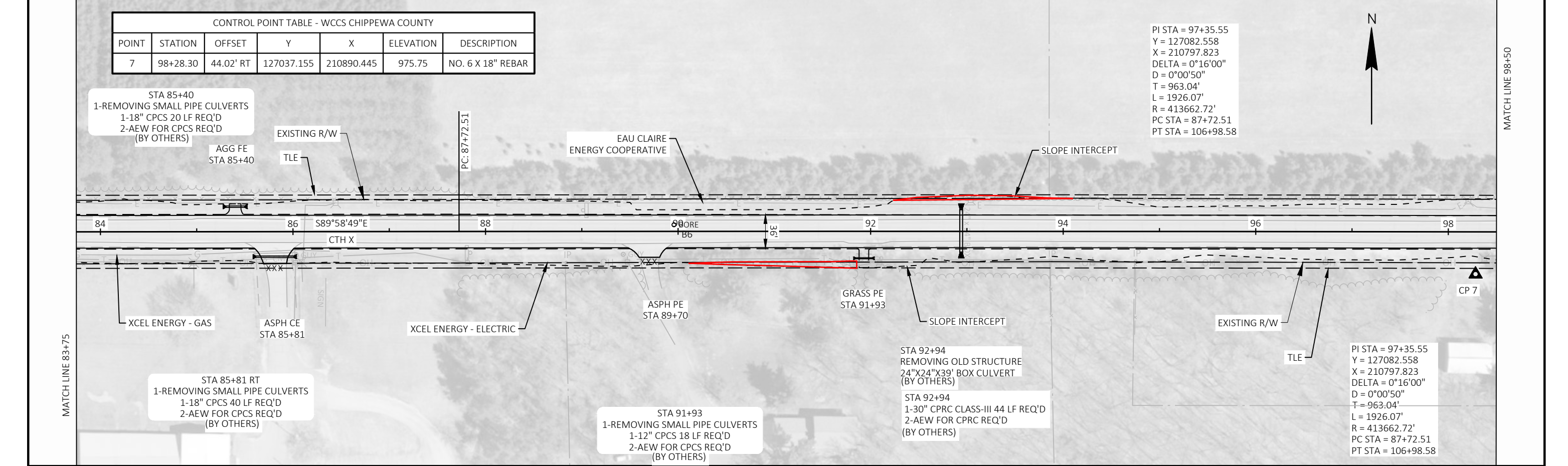
CONTROL POINT TABLE - WCCS CHIPPEWA COUNTY						
POINT	STATION	OFFSET	Y	X	ELEVATION	DESCRIPTION
5	80+46.97	141.32' LT	127224.459	209109.286	943.86	MAG NAIL
6	80+13.88	96.76' RT	126986.385	209076.123	944.97	BRASS CAP MON

CLEARING



CONTROL POINT TABLE - WCCS CHIPPEWA COUNTY						
POINT	STATION	OFFSET	Y	X	ELEVATION	DESCRIPTION
7	98+28.30	44.02' RT	127037.155	210890.445	975.75	NO. 6 X 18" REBAR

PI STA = 97+35.55
 Y = 127082.558
 X = 210797.823
 DELTA = 0°16'00"
 D = 0°00'50"
 T = 963.04'
 L = 1926.07'
 R = 413662.72'
 PC STA = 87+72.51
 PT STA = 106+98.58



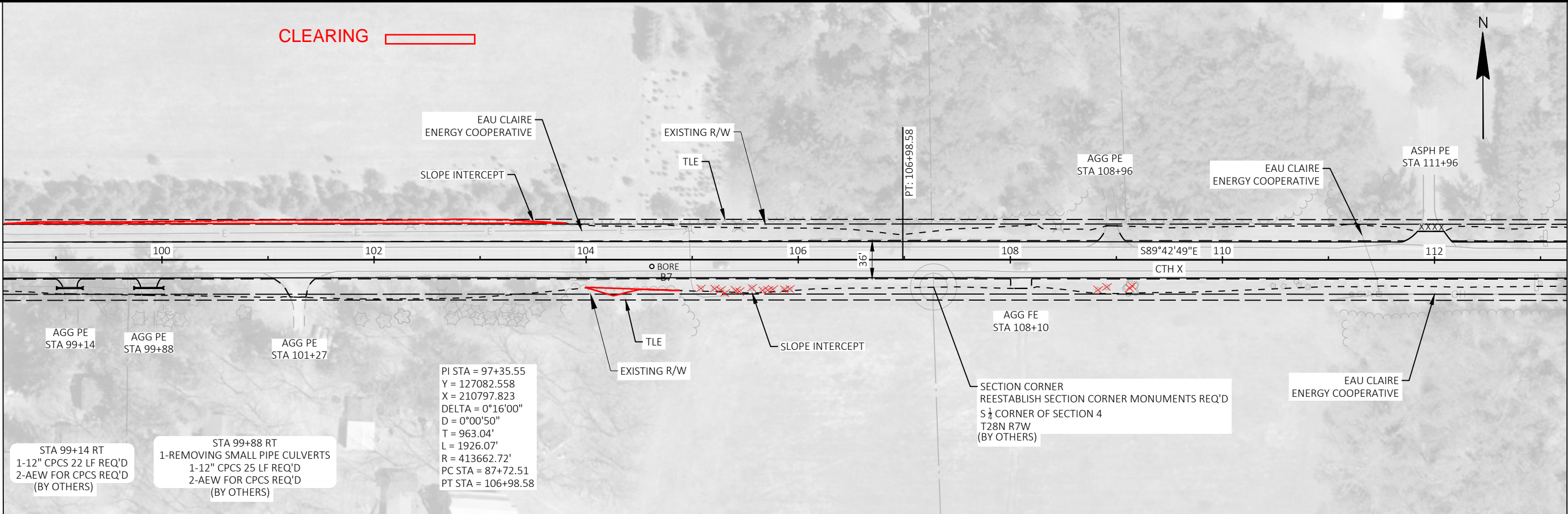
CLEARING



MATCH LINE 113+25

5

MATCH LINE 98+50



STA 99+14 RT
1-12" CPCS 22 LF REQ'D
2-AEW FOR CPCS REQ'D
(BY OTHERS)

STA 99+88 RT
1-REMOVING SMALL PIPE CULVERTS
1-12" CPCS 25 LF REQ'D
2-AEW FOR CPCS REQ'D
(BY OTHERS)

PI STA = 97+35.55
Y = 127082.558
X = 210797.823
DELTA = 0°16'00"
D = 0°00'50"
T = 963.04'
L = 1926.07'
R = 413662.72'
PC STA = 87+72.51
PT STA = 106+98.58

SECTION CORNER
REESTABLISH SECTION CORNER MONUMENTS REQ'D
S 1/2 CORNER OF SECTION 4
T28N R7W
(BY OTHERS)

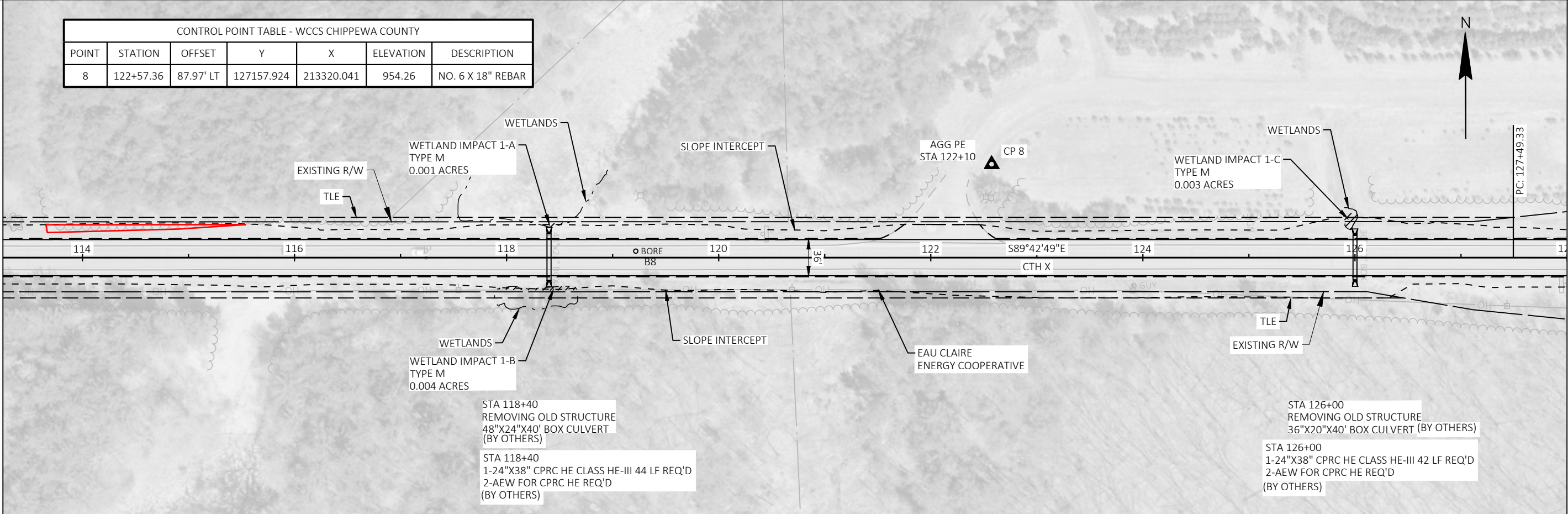
5

MATCH LINE 128+00



CONTROL POINT TABLE - WCCS CHIPPEWA COUNTY						
POINT	STATION	OFFSET	Y	X	ELEVATION	DESCRIPTION
8	122+57.36	87.97' LT	127157.924	213320.041	954.26	NO. 6 X 18" REBAR

MATCH LINE 113+25



WETLAND IMPACT 1-A
TYPE M
0.001 ACRES

WETLAND IMPACT 1-B
TYPE M
0.004 ACRES

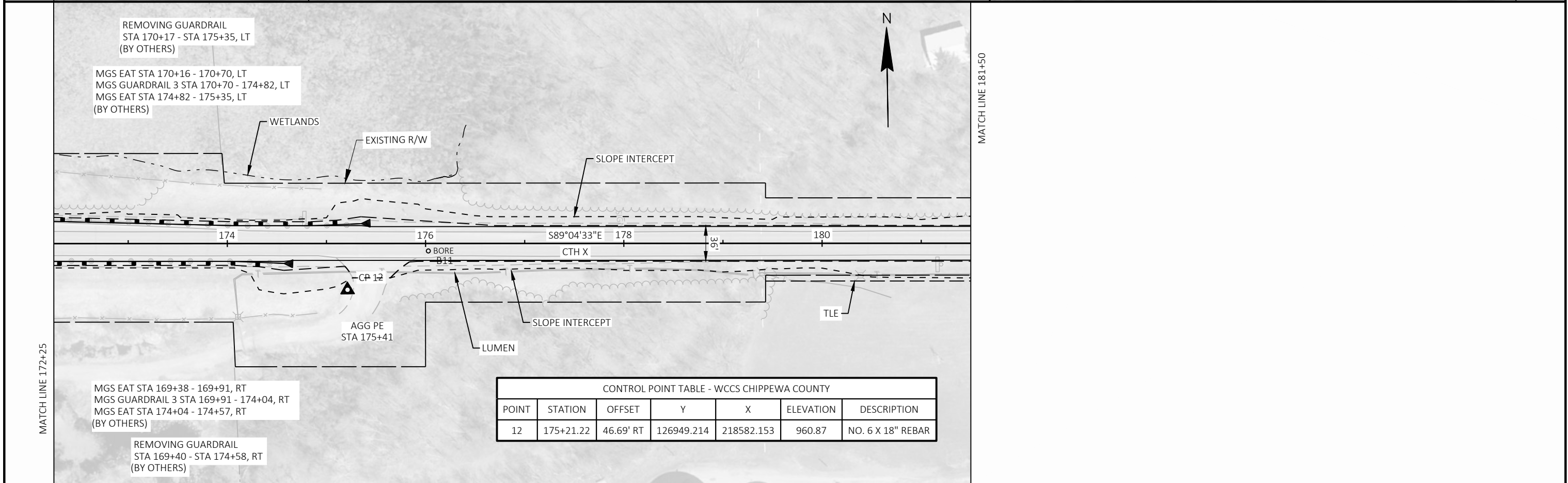
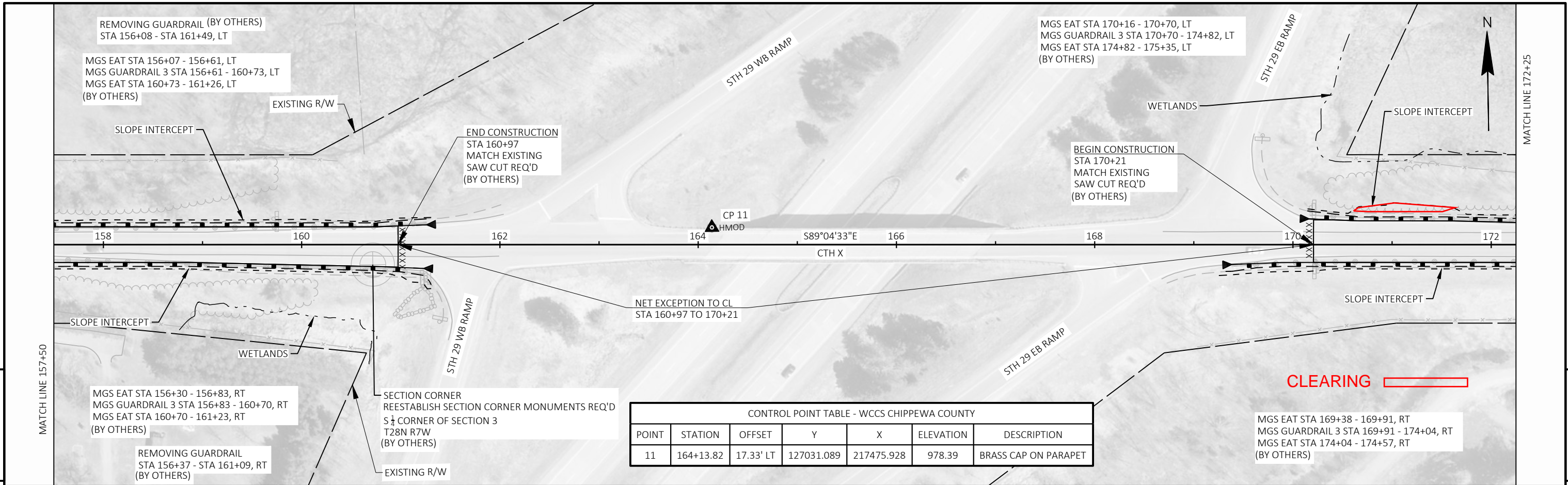
WETLAND IMPACT 1-C
TYPE M
0.003 ACRES

STA 118+40
REMOVING OLD STRUCTURE
48"X24"X40' BOX CULVERT
(BY OTHERS)

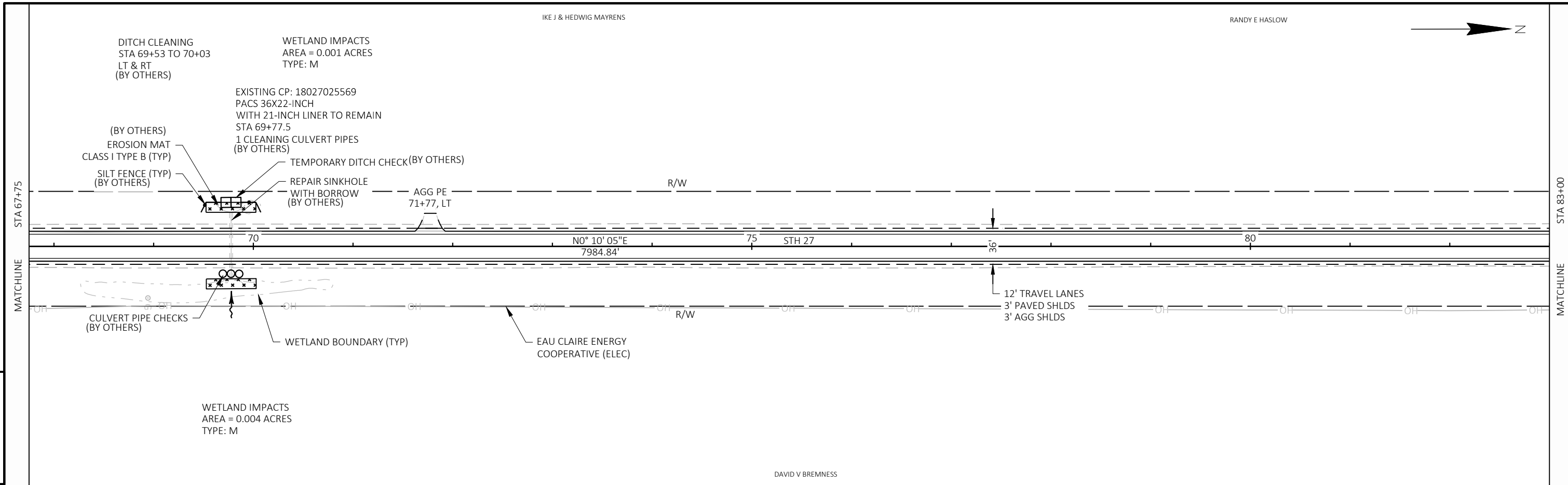
STA 118+40
1-24"X38" CPRC HE CLASS HE-III 44 LF REQ'D
2-AEW FOR CPRC HE REQ'D
(BY OTHERS)

STA 126+00
REMOVING OLD STRUCTURE
36"X20"X40' BOX CULVERT (BY OTHERS)

STA 126+00
1-24"X38" CPRC HE CLASS HE-III 42 LF REQ'D
2-AEW FOR CPRC HE REQ'D
(BY OTHERS)

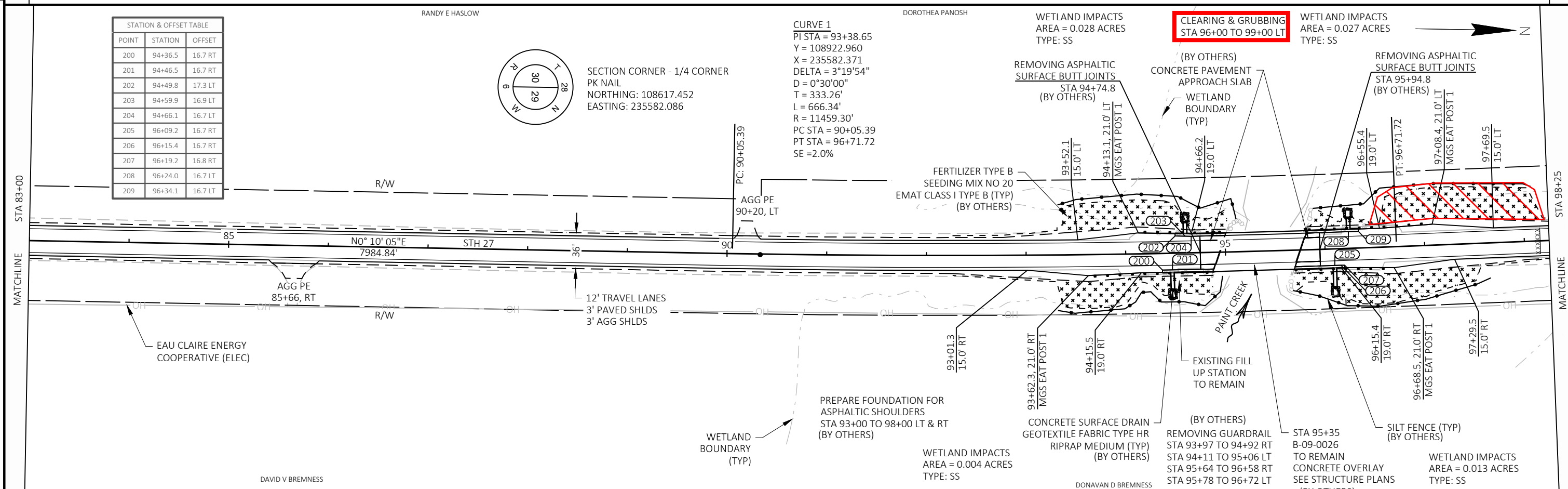


PROJECT NO: 1009-37-02 HWY: CTH X COUNTY: CHIPPEWA PLAN SHEETS -- SITE 3 SHEET E

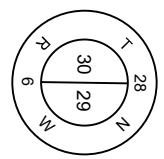


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STATION & OFFSET TABLE		
POINT	STATION	OFFSET
200	94+36.5	16.7 RT
201	94+46.5	16.7 RT
202	94+49.8	17.3 LT
203	94+59.9	16.9 LT
204	94+66.1	16.7 LT
205	96+09.2	16.7 RT
206	96+15.4	16.7 RT
207	96+19.2	16.8 RT
208	96+24.0	16.7 LT
209	96+34.1	16.7 LT



CURVE 1
 PI STA = 93+38.65
 Y = 108922.960
 X = 235582.371
 DELTA = 3°19'54"
 D = 0°30'00"
 T = 333.26'
 L = 666.34'
 R = 11459.30'
 PC STA = 90+05.39
 PT STA = 96+71.72
 SE = 2.0%

CLEARING & GRUBBING
 STA 96+00 TO 99+00 LT

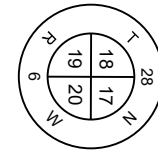
BRUCE A & BARBARA J RAMSEIER

BARBARA ERICKSON ETAL

WETLAND IMPACTS
AREA = 0.008 ACRES
TYPE: M

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP 4	169+55.31	123.91 LT	116535.868	235309.380	1025.95	MAG NAIL

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	NOTES
90	169+07.8	53.0 LT	RAD = 35'
91	168+77.8	15.0 LT	TAPER
92	169+07.8	18.0 LT	BR
93	169+32.1	27.8 LT	MR
94	169+42.8	51.7 LT	ER



SECTION CORNER
MAG NAIL
NORTHING: 116536.959
EASTING: 235433.489

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	NOTES
100	170+07.2	58.0 LT	RAD = 40'
101	169+67.3	56.8 LT	BR
102	169+79.4	29.3 LT	MR
103	170+07.2	18.0 LT	ER
104	170+52.2	15.0 LT	TAPER

DITCH CLEANING
STA 159+73 TO 160+23
LT & RT
(BY OTHERS)

- (BY OTHERS)
- TEMPORARY DITCH CHECK
- FERTILIZER TYPE B SEEDING MIX NO 20
- EMAT CLASS I TYPE B (TYP) (BY OTHERS)
- SILT FENCE (TYP) (BY OTHERS)

CLEARING & GRUBBING
STA 159+00 TO 161+00 LT

REPAIR SINKHOLE WITH BORROW (BY OTHERS)

REMOVING ASPHALTIC SURFACE BUTT JOINTS
STA 169+55.3, 100.0' LT (BY OTHERS)

REMOVING ASPHALTIC SURFACE BUTT JOINTS
STA 169+55.5, 100.0' RT (BY OTHERS)

STA 159+25

STA 174+50

MATCHLINE

MATCHLINE

5

5

STEVEN L & TAMMY L RAMSEIER

MITCHELL T & MICHELLE K RAMSEIER

DANIEL T & JUANITA M SANDE

BARBARA ERICKSON ETAL

BRIAN J ESLINGER

BARRY & KAREN ESLINGER

DITCH CLEANING
STA 174+77 TO 175+27
LT & RT
(BY OTHERS)

- FERTILIZER TYPE B SEEDING MIX NO 20
- EMAT CLASS I TYPE B (TYP) (BY OTHERS)
- CULVERT PIPE CHECKS

ASPH PE 178+46 LT
SAWING ASPHALT (BY OTHERS)

REMOVING ASPHALTIC SURFACE (BY OTHERS)

AGG PE 185+59, LT

STA 175+02
CP: 9027025578
1 REMOVING SMALL PIPE CULVERTS
63 LF CPCS 24-INCH
PROPOSED CP: 9027025578
CPRC CLASS IV 24-INCH
INVERT 1: 175+01.8, 26.6' LT, 1034.40'
INVERT 2: 175+01.8, 27.4' RT, 1034.15'
LENGTH: 54 LF
SLOPE: 0.46%
2 AEW CPRC 24-INCH (BY OTHERS)

EAU CLAIRE ENERGY COOPERATIVE (ELEC)

MITCHELL T & MICHELLE K RAMSEIER

MITCHELL T & MICHELLE K RAMSEIER

PROJECT NO: 1009-37-02

HWY: STH 27

COUNTY: CHIPPEWA

PLAN SHEETS -- SITE 4

SHEET

E

BARRY & KAREN ELSINGER

JOSEPH P & TASHA L MORAVEC

MATTHEW A GWIAZDA

WETLAND IMPACTS
AREA = 0.010 ACRES
TYPE: M

STA 195+79
CP: 9027025580
1 REMOVING SMALL PIPE CULVERTS
72 LF CPCS 24-INCH WITH LINER
(BY OTHERS)

DITCH CLEANING
STA 195+54 TO 196+51
LT & RT
(BY OTHERS)

WETLAND IMPACTS
AREA = 0.012 ACRES
TYPE: M

STA 196+26
CP: 9027025581
1 REMOVING OLD STRUCTURE (STA 196+26)
63 LF CPCS 72-INCH
PROPOSED CP: 9027025581
CP CLASS III-A NON-METAL 24-INCH
INVERT 1: 196+26.0, 36.8' LT, 1014.60'
INVERT 2: 196+26.0, 35.2' RT, 1015.20'
LENGTH: 72 LF
SLOPE: -0.83%
2 AEW CP 24-INCH
(BY OTHERS)

CLEARING & GRUBBING
STA 195+00 TO 197+00 LT



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DONALD L & SHIRLEY A RAMSEIER

MITCHELL T & MICHELLE K RAMSEIER

ROBERT A & BETTE J IRWIN

JOSHUA J & KATRINA J HORVAT

MATTHEW A GWIAZDA

ALVIN R & ROSANNA J STEINER

FERTILIZER TYPE B
SEEDING MIX NO 20
EMAT CLASS I TYPE B (TYP)
(BY OTHERS)

DITCH CLEANING
STA 206+71 TO 207+21
LT & RT
(BY OTHERS)

TEMPORARY DITCH CHECK (BY OTHERS)
SILT FENCE (TYP)
(BY OTHERS)

WETLAND BOUNDARY (TYP)

12' TRAVEL LANES
3' PAVED SHLDS
3' AGG SHLDS

EXISTING CURB & GUTTER
TO REMAIN

ASPH PE
212+64 RT

EXISTING CURB & GUTTER
TO REMAIN

CULVERT PIPE CHECKS
(BY OTHERS)

EAU CLAIRE ENERGY
COOPERATIVE (ELEC)

REMOVING ASPHALTIC SURFACE
(BY OTHERS)

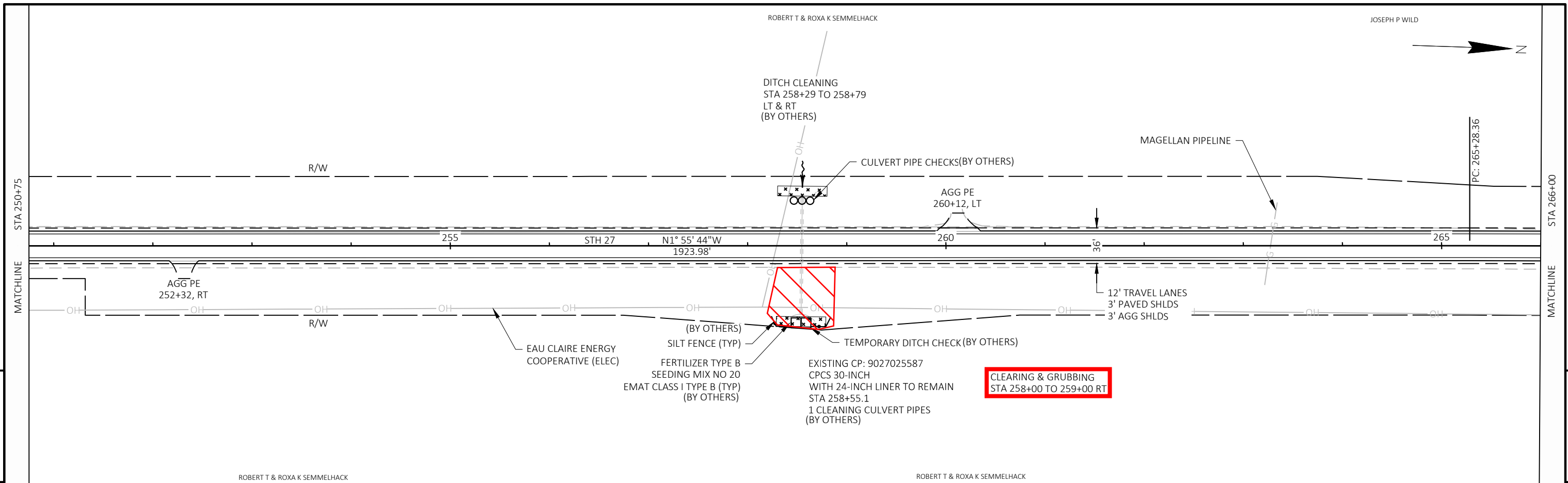
EXISTING CP: 9027025583
CPRC CLASS V 72-INCH TO REMAIN
STA 216+90.3

EXISTING CP: 9027025592
CPRC CLASS V 72-INCH TO REMAIN
STA 217+04.6

JOSHUA J & KATRINA J HORVAT

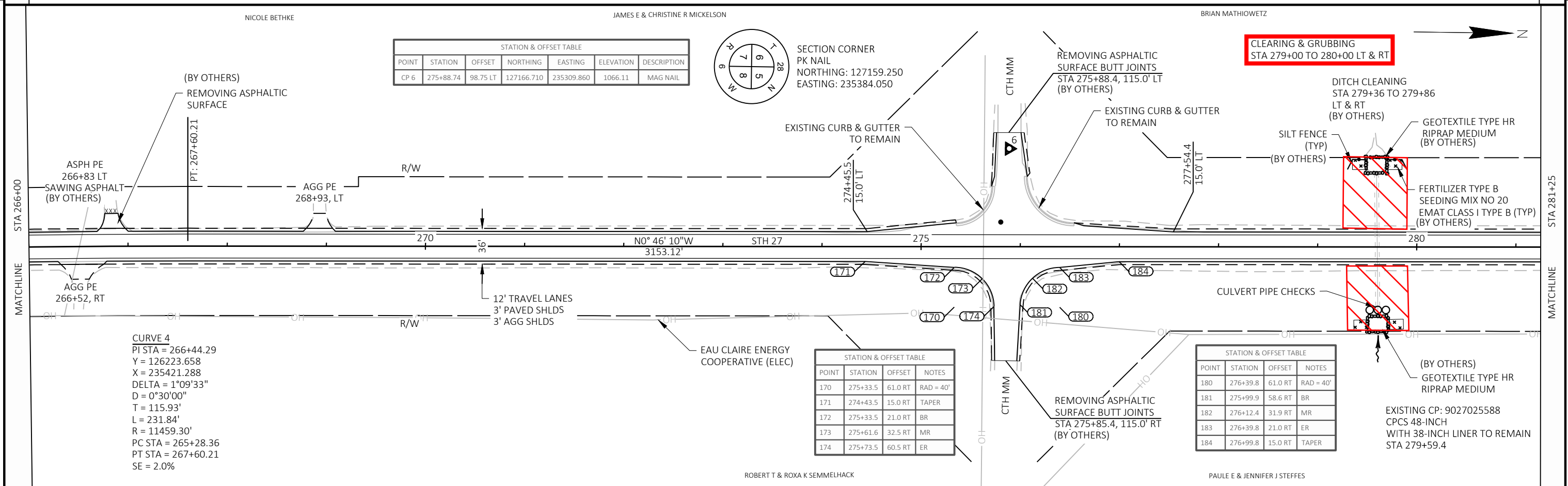
LAMONT G LEISER

PROJECT NO: 1009-37-02	HWY: STH 27	COUNTY: CHIPPEWA	PLAN SHEETS -- SITE 4	SHEET	E
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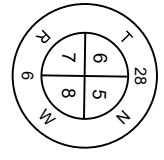


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STATION & OFFSET TABLE						
POINT	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP 6	275+88.74	98.75 LT	127166.710	235309.860	1066.11	MAG NAIL

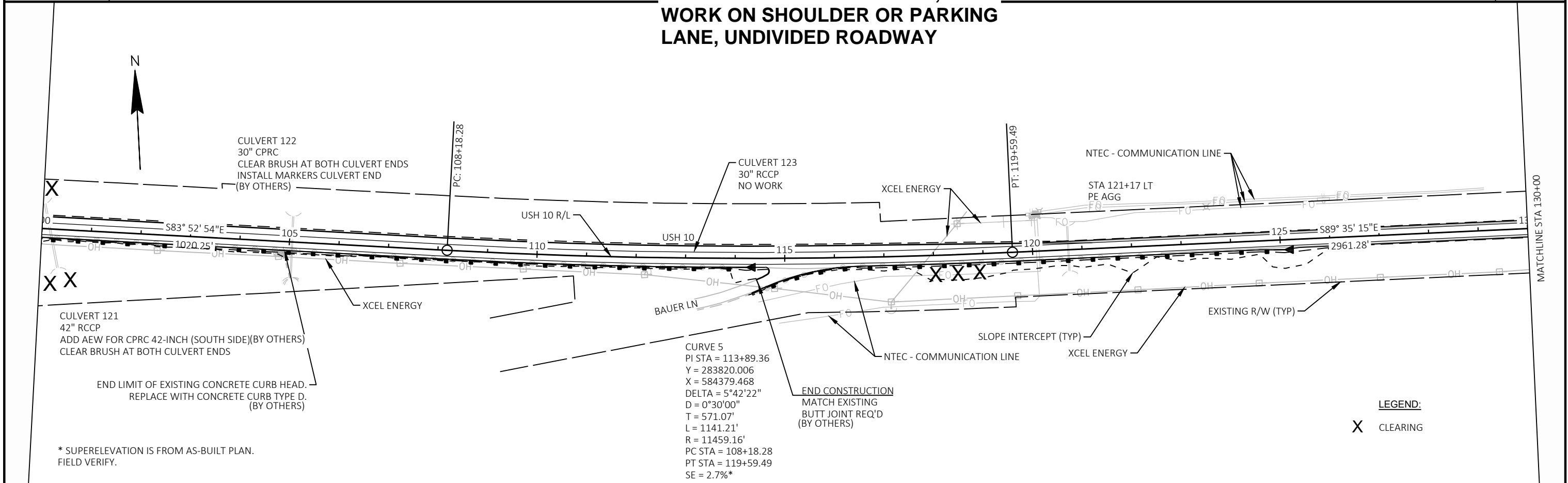
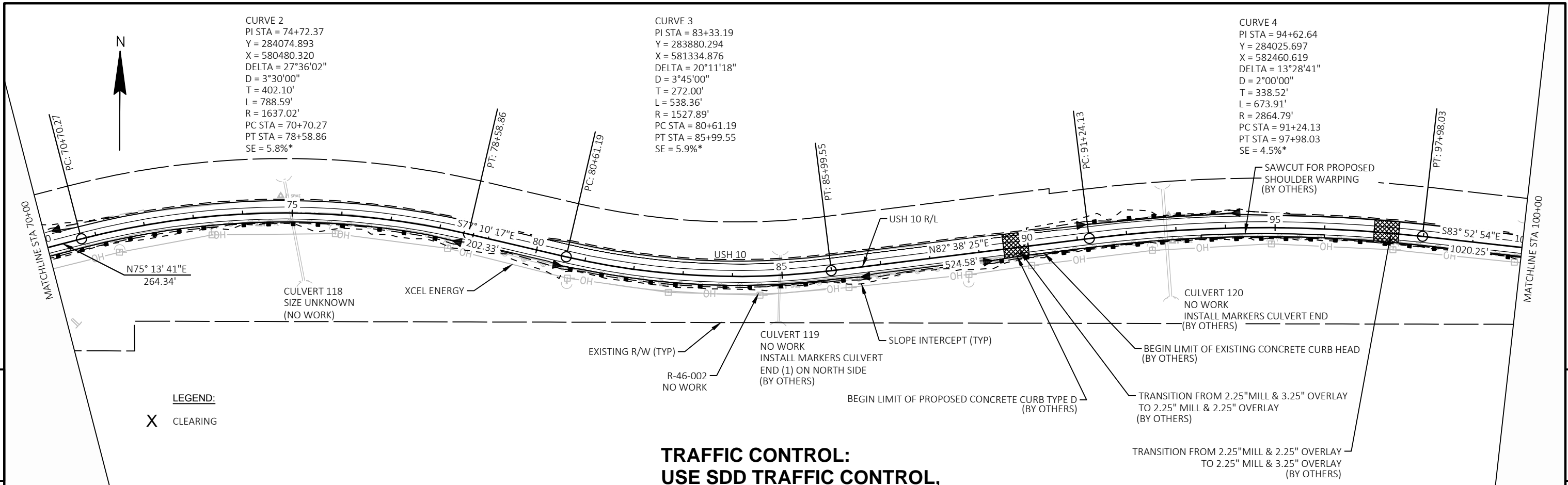


SECTION CORNER
PK NAIL
NORTHING: 127159.250
EASTING: 235384.050

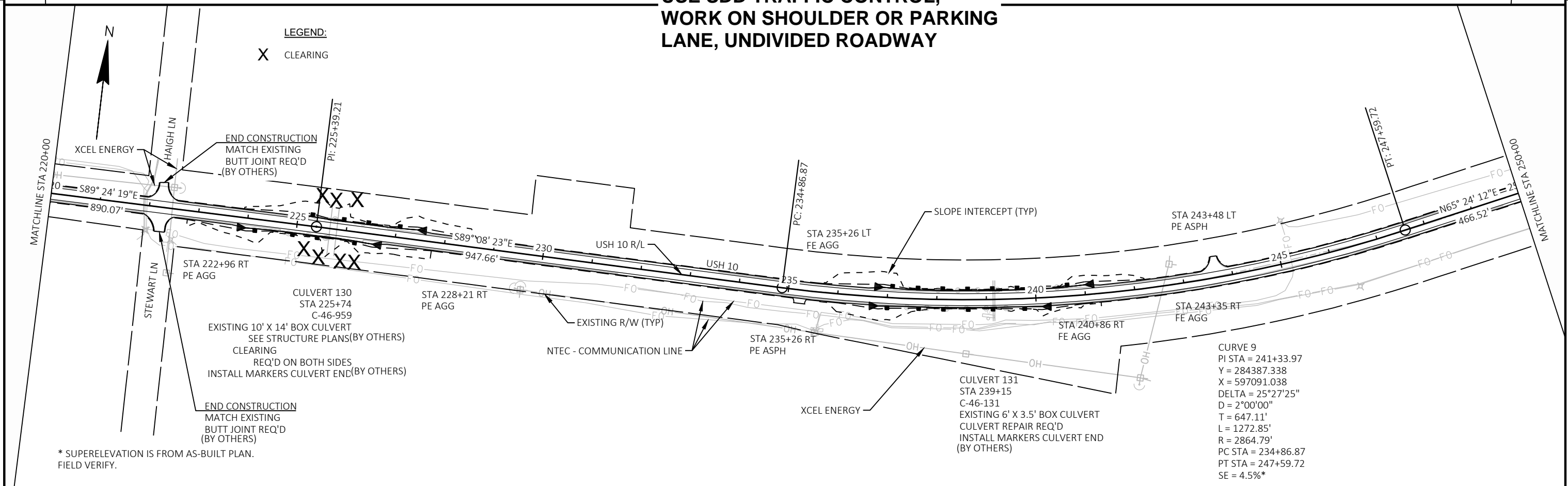
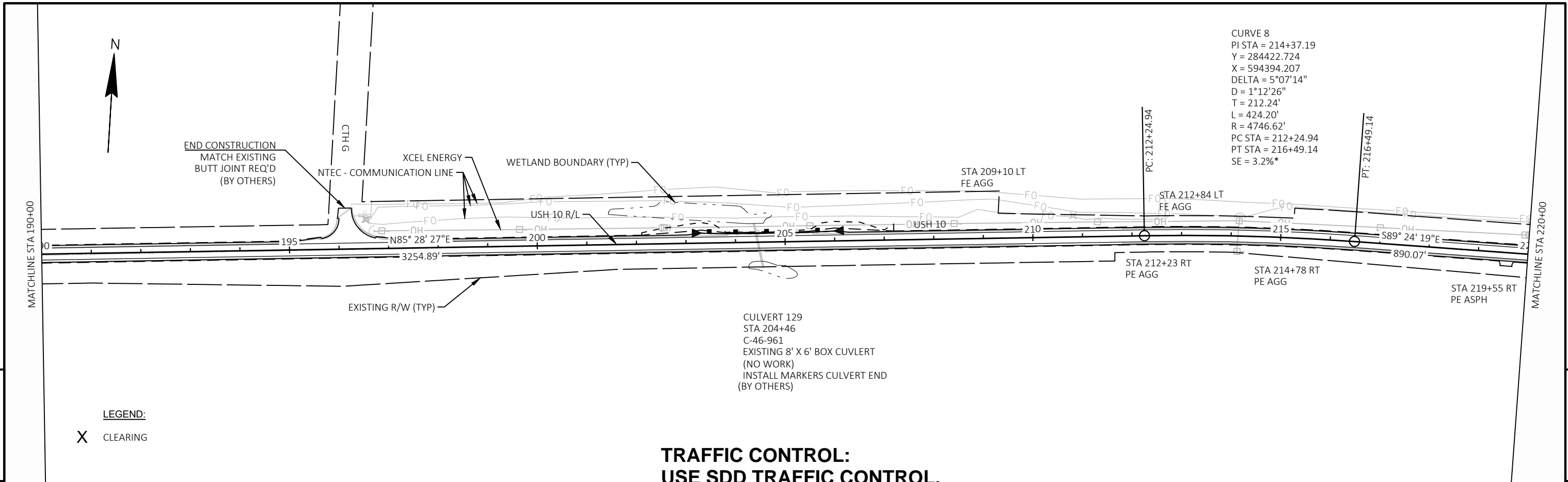
CURVE 4
PI STA = 266+44.29
Y = 126223.658
X = 235421.288
DELTA = 1°09'33"
D = 0°30'00"
T = 115.93'
L = 231.84'
R = 11459.30'
PC STA = 265+28.36
PT STA = 267+60.21
SE = 2.0%

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	NOTES
170	275+33.5	61.0 RT	RAD = 40'
171	274+43.5	15.0 RT	TAPER
172	275+33.5	21.0 RT	BR
173	275+61.6	32.5 RT	MR
174	275+73.5	60.5 RT	ER

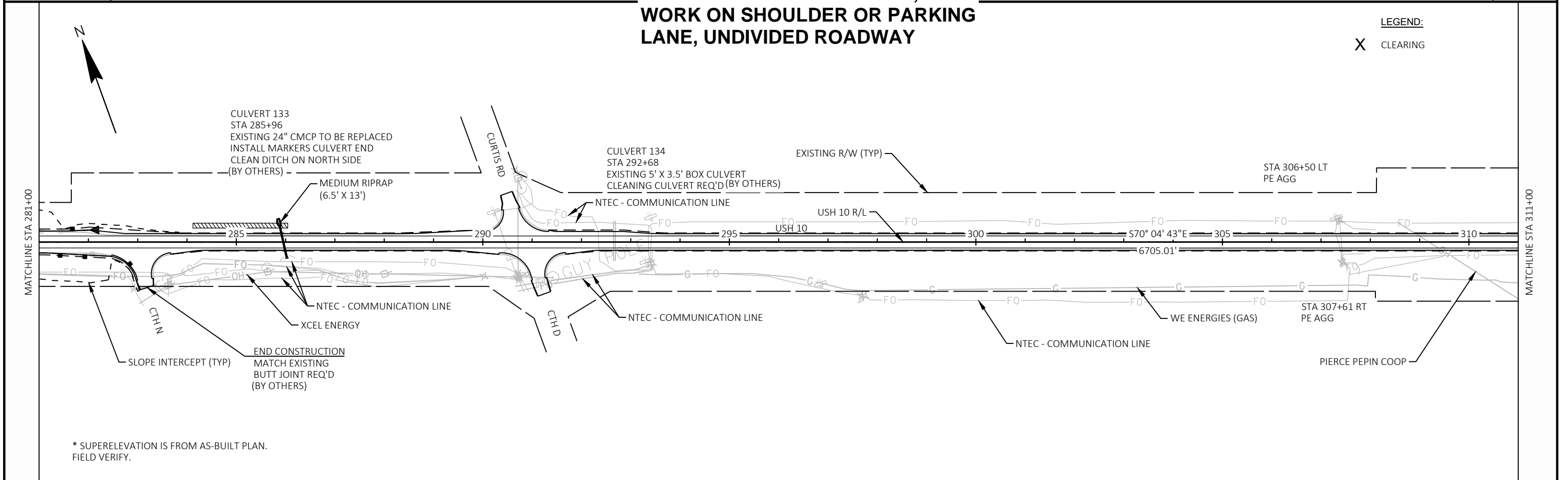
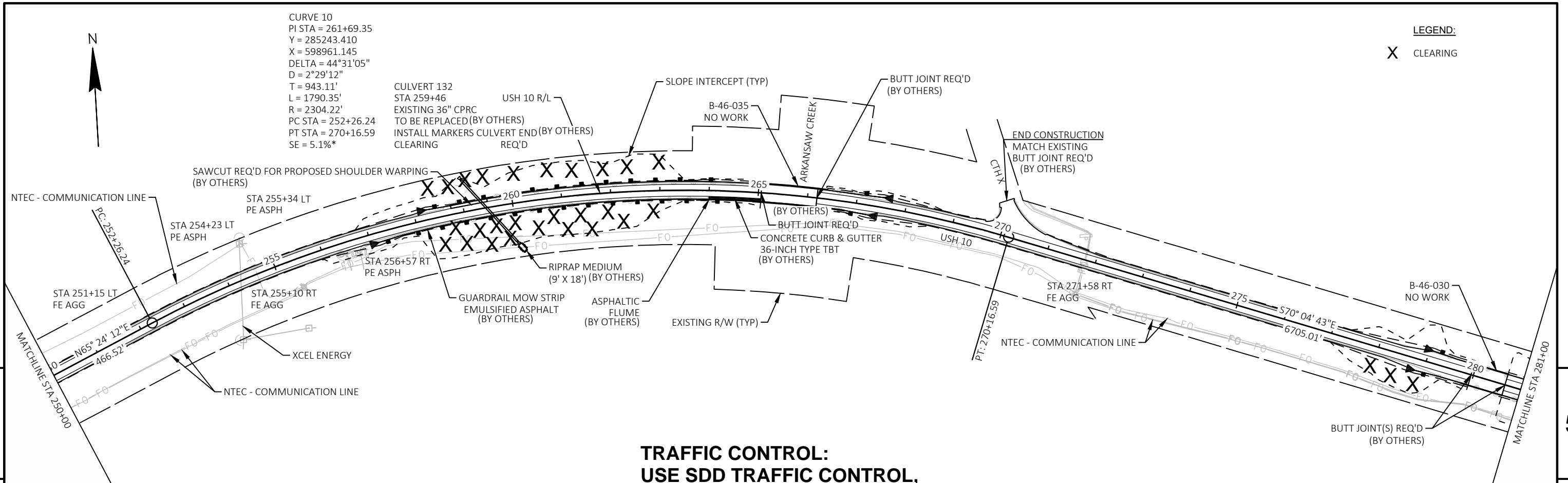
STATION & OFFSET TABLE			
POINT	STATION	OFFSET	NOTES
180	276+39.8	61.0 RT	RAD = 40'
181	275+99.9	58.6 RT	BR
182	276+12.4	31.9 RT	MR
183	276+39.8	21.0 RT	ER
184	276+99.8	15.0 RT	TAPER



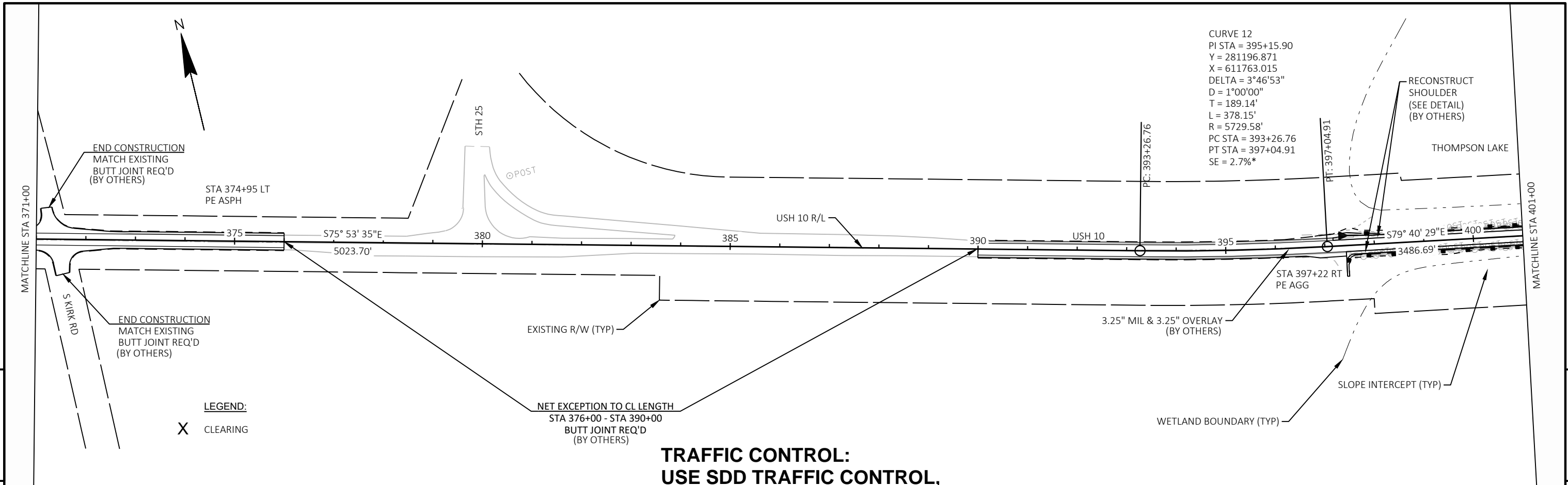
PROJECT NO: 1009-37-02	HWY: USH 10	COUNTY: PEPIN	PLAN DETAILS & TRAFFIC CONTROL -- SITE 6	SHEET	E
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PROJECT NO: 1009-37-02	HWY: USH 10	COUNTY: PEPIN	PLAN DETAILS & TRAFFIC CONTROL -- SITE 6	SHEET	E
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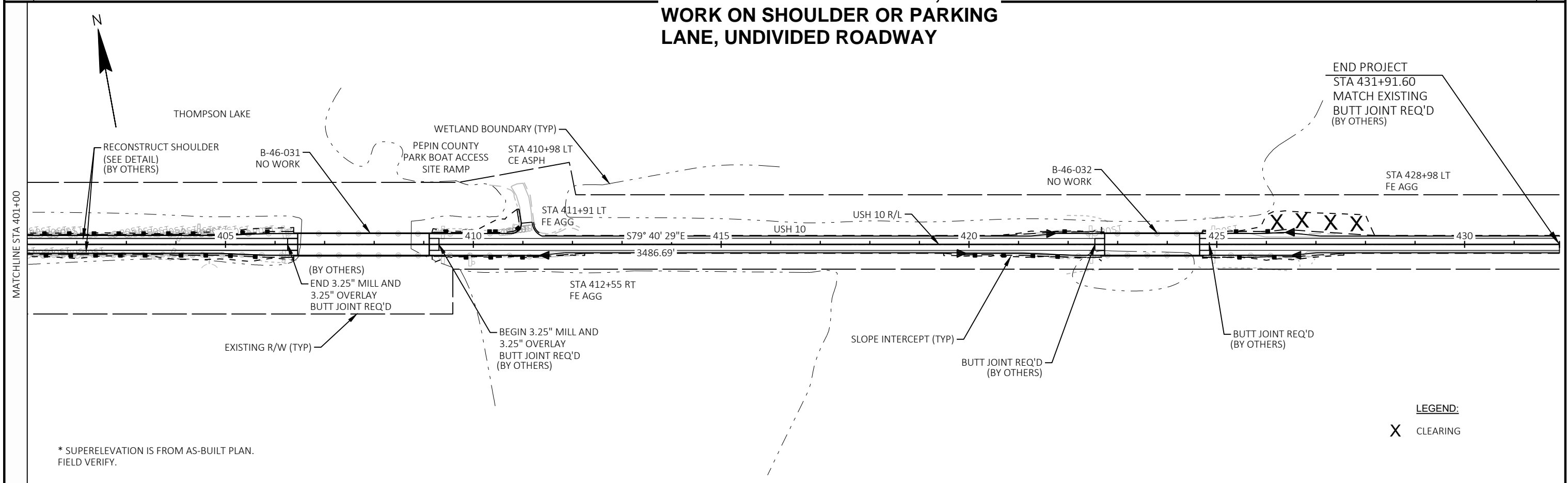


PROJECT NO: 1009-37-02	HWY: USH 10	COUNTY: PEPIN	PLAN DETAILS & TRAFFIC CONTROL -- SITE 6	SHEET	E
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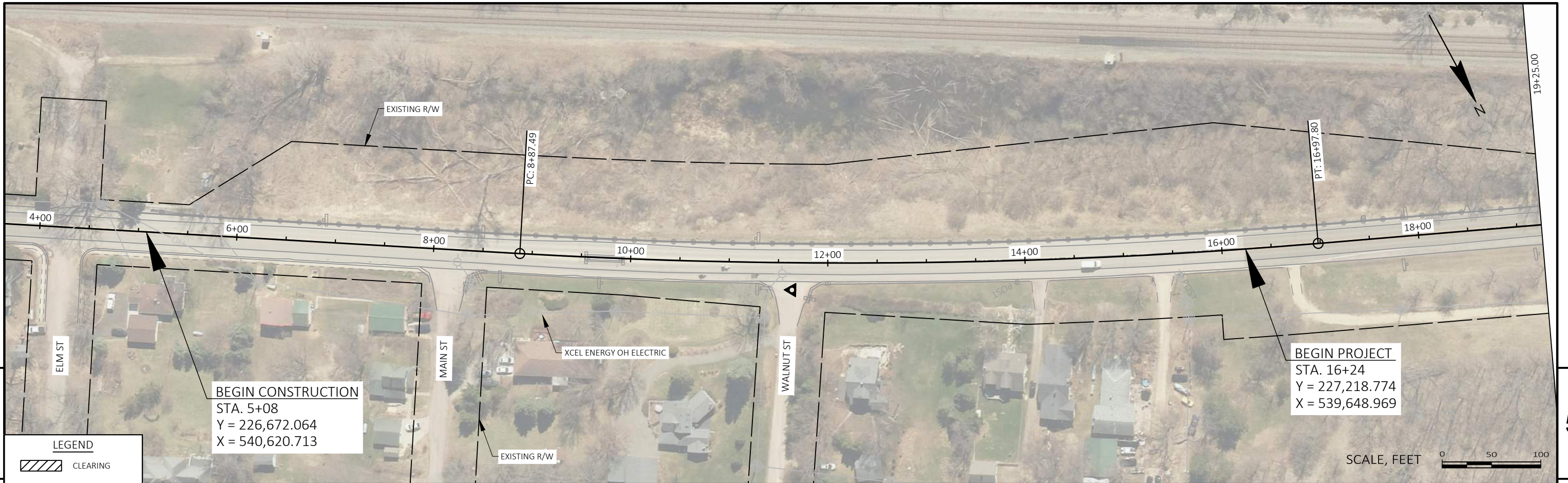


CURVE 12
 PI STA = 395+15.90
 Y = 281196.871
 X = 611763.015
 DELTA = 3°46'53"
 D = 1°00'00"
 T = 189.14'
 L = 378.15'
 R = 5729.58'
 PC STA = 393+26.76
 PT STA = 397+04.91
 SE = 2.7%*

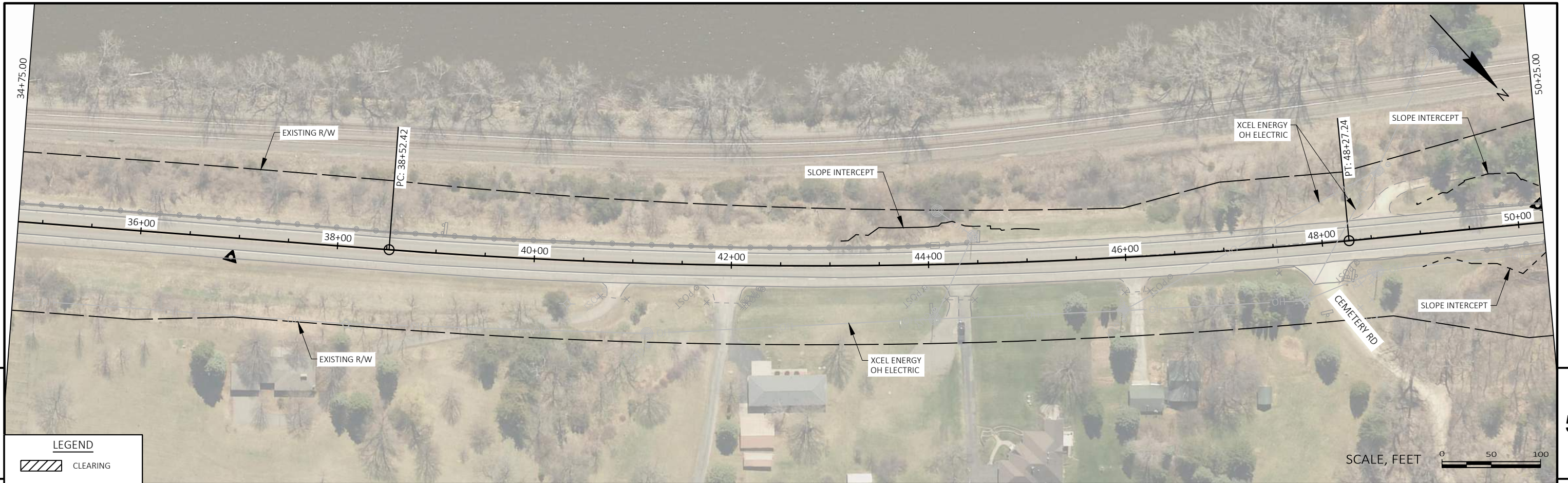
**TRAFFIC CONTROL:
 USE SDD TRAFFIC CONTROL,
 WORK ON SHOULDER OR PARKING
 LANE, UNDIVIDED ROADWAY**



* SUPERELEVATION IS FROM AS-BUILT PLAN. FIELD VERIFY.



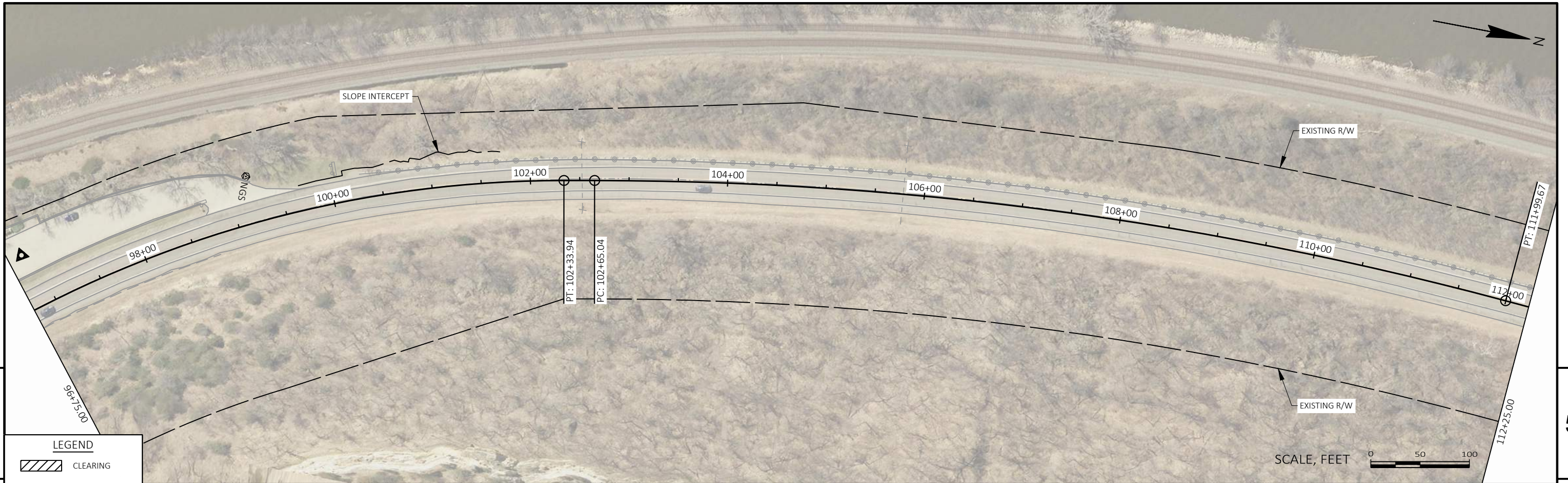
PROJECT NO: 1009-37-02	HWY: STH 35	COUNTY: PEPIN	PLAN SHEETS -- SITE 7	SHEET	E
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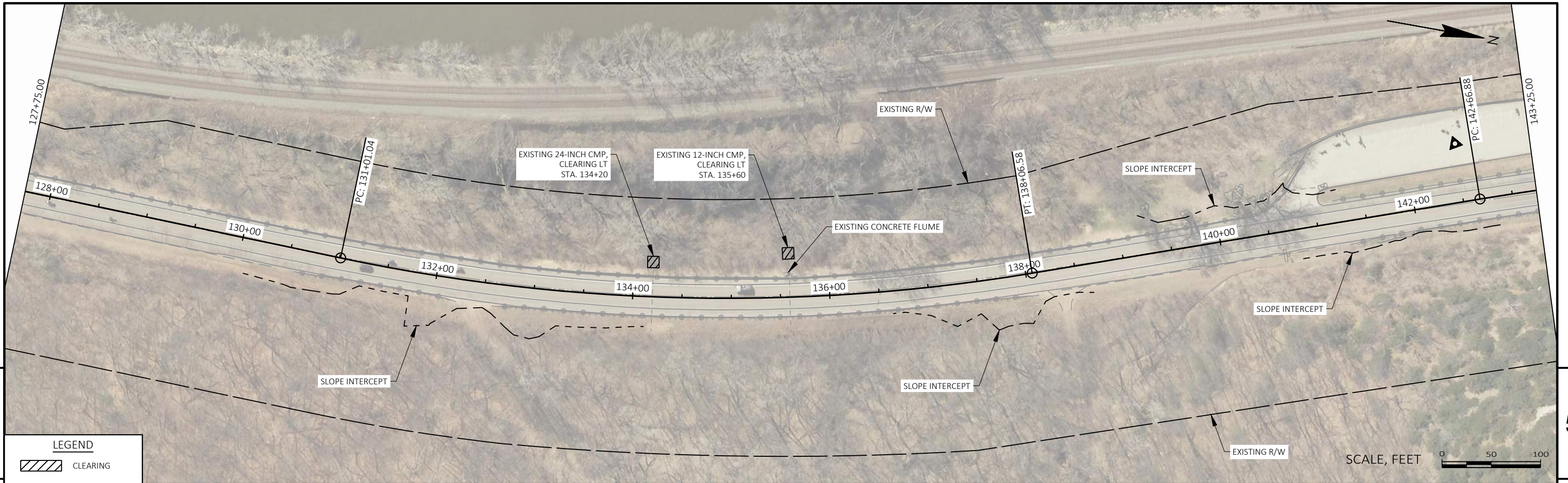
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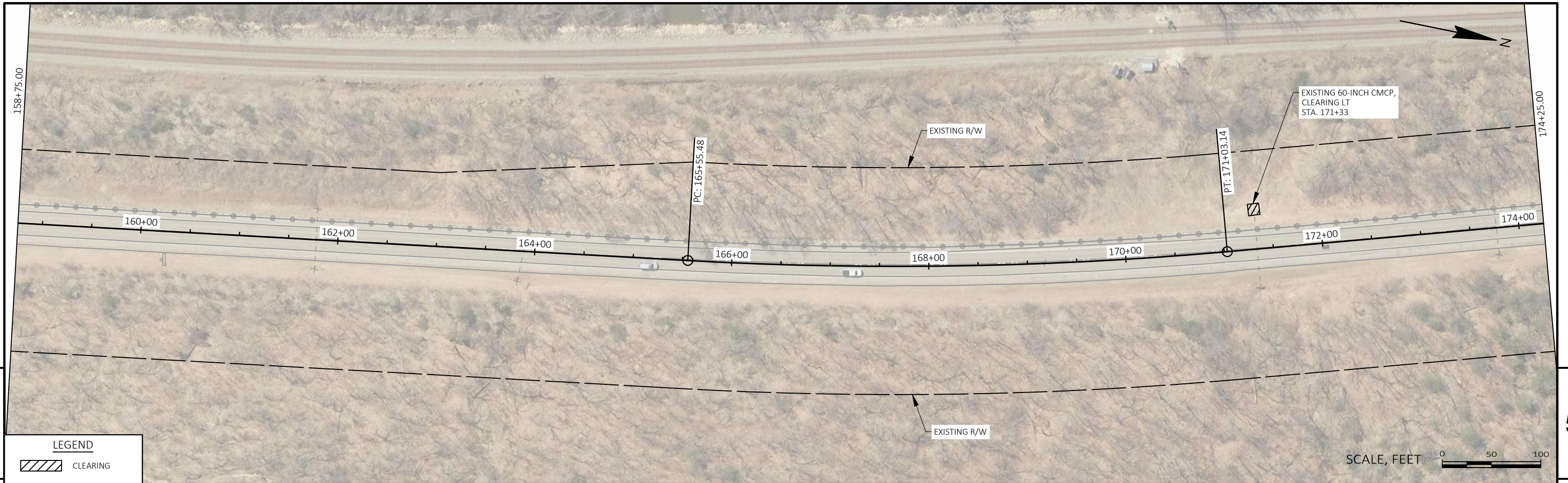
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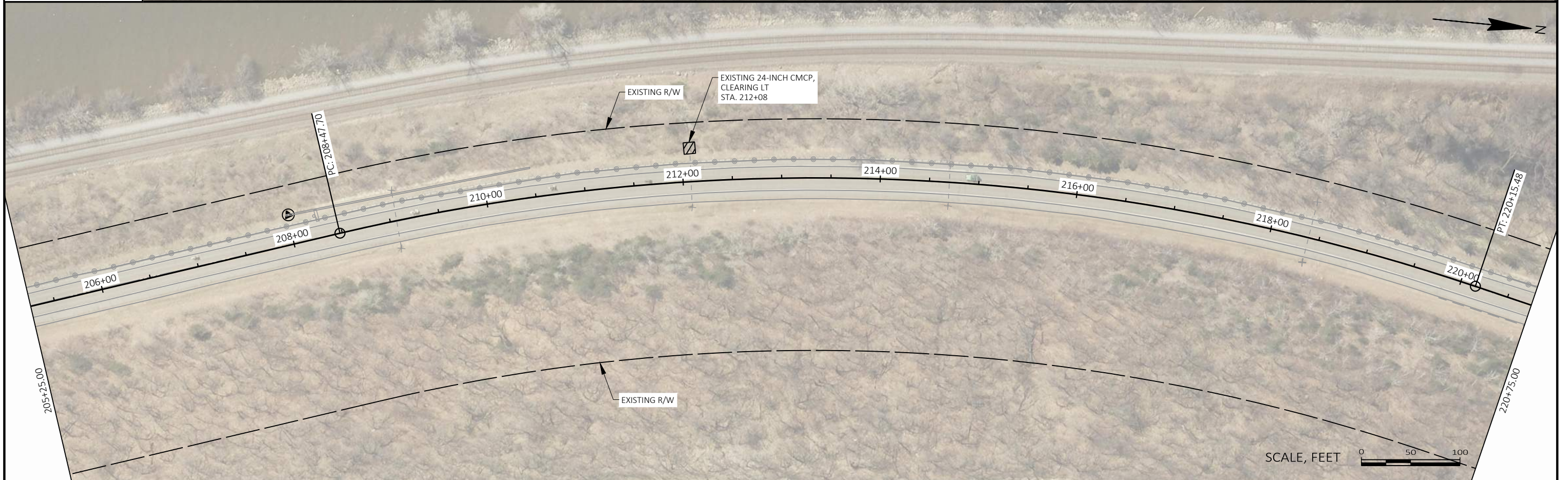
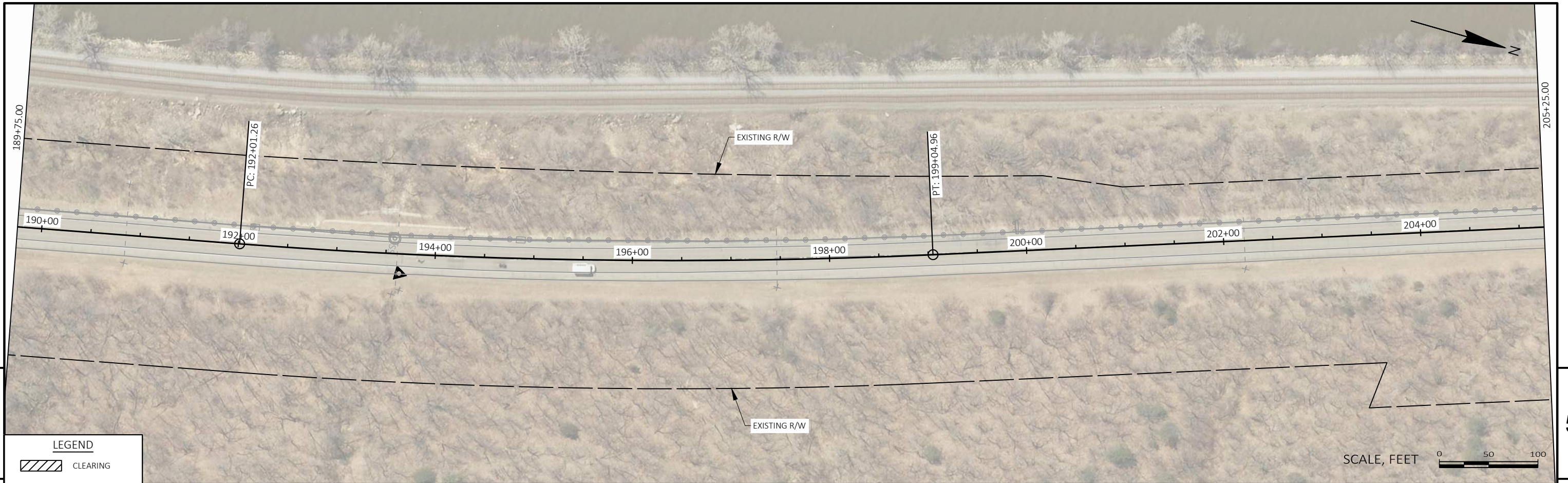
PROJECT NO: 1009-37-02	HWY: STH 35	COUNTY: PEPIN	PLAN SHEETS -- SITE 7	SHEET	E
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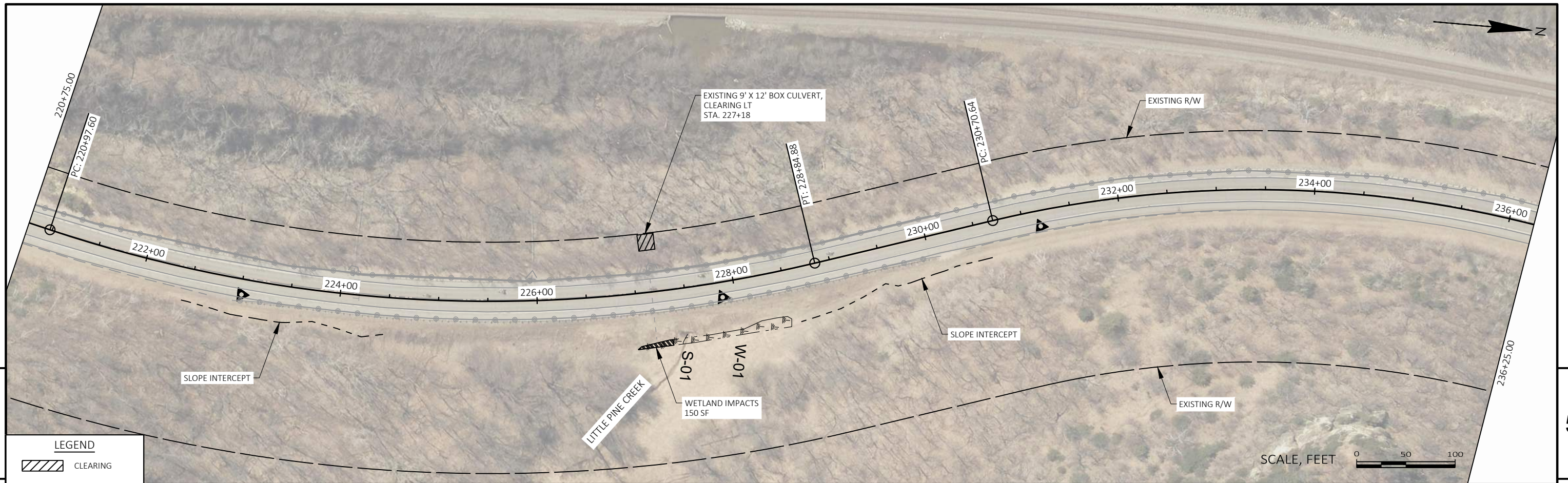
PROJECT NO: 1009-37-02	HWY: STH 35	COUNTY: PEPIN	PLAN SHEETS -- SITE 7	SHEET	E
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PROJECT NO: 1009-37-02	HWY: STH 35	COUNTY: PEPIN	PLAN SHEETS -- SITE 7	SHEET	E
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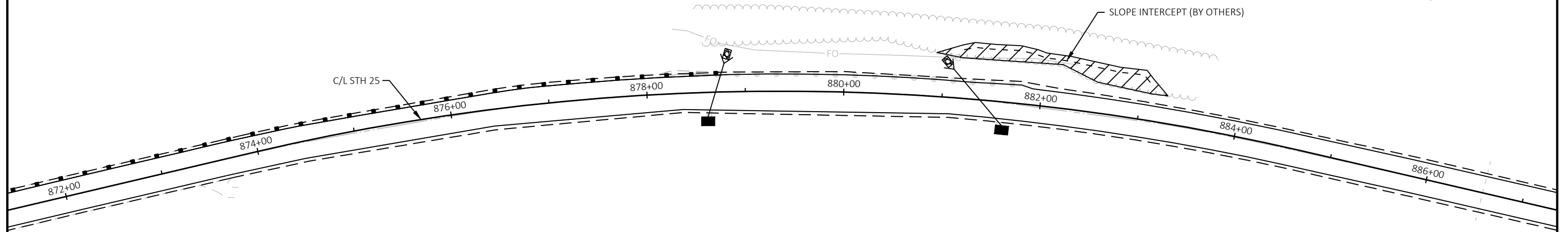
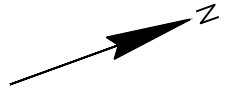


PROJECT NO: 1009-37-02	HWY: STH 35	COUNTY: PEPIN	PLAN SHEETS -- SITE 7	SHEET	E
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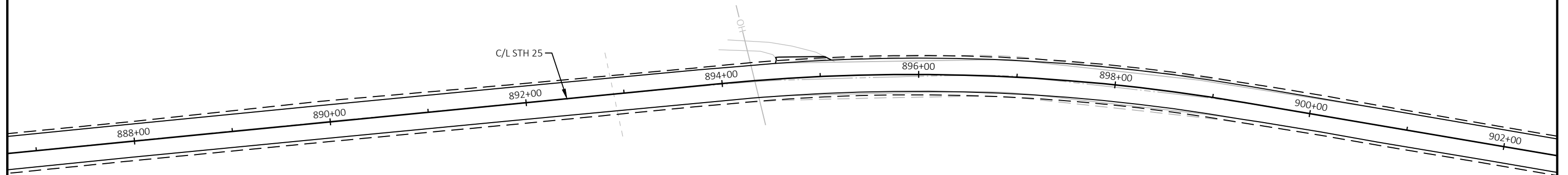
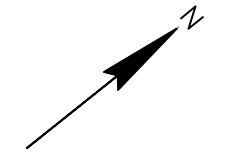
PROJECT NO: 1009-37-02	HWY: STH 35	COUNTY: PEPIN	PLAN SHEETS -- SITE 7	SHEET	E
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TREE CLEARING BOUNDARY



5

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PROJECT NO: 1009-37-02

HWY: STH 25

COUNTY: BUFFALO & PEPIN

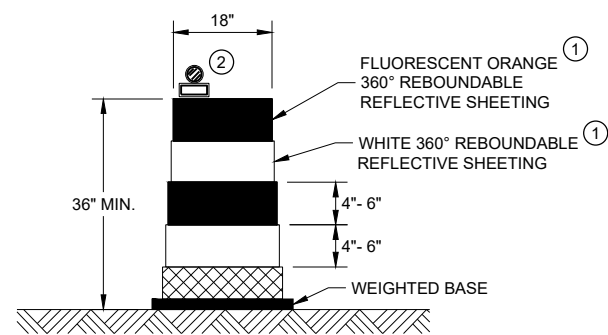
PLAN - PEPIN COUNTY TREE CLEARING -- SITE 8

SHEET

E

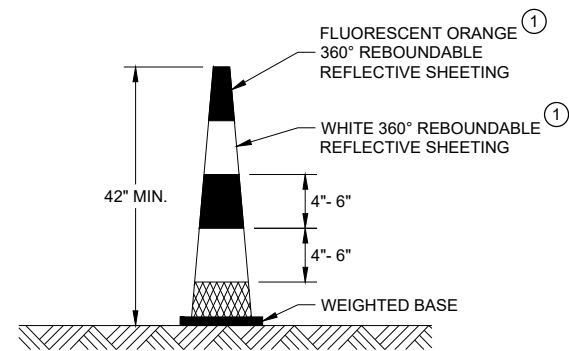
Standard Detail Drawing List

15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY



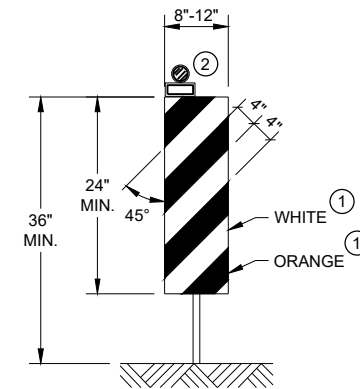
DRUM

BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

DO NOT USE IN TAPERS
½ SPACING OF DRUMS
BALLAST WIDTHS
RANGE FROM 14"-20"

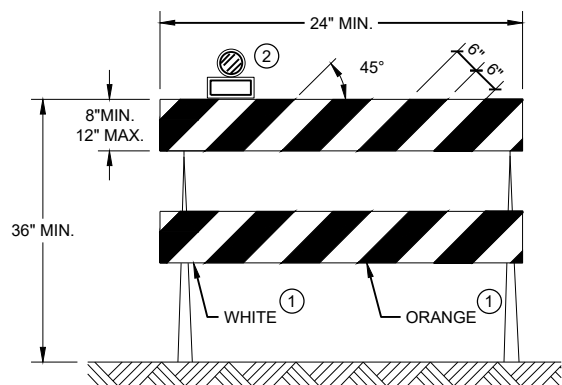


VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.

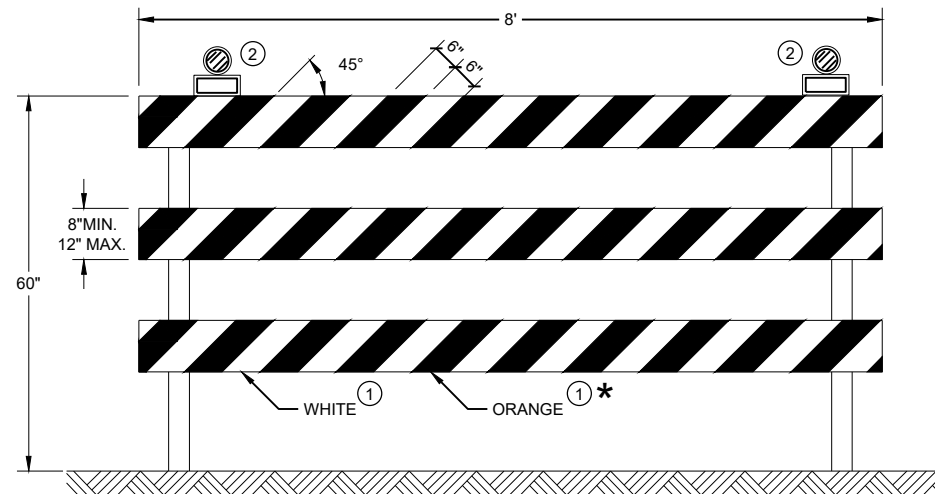
GENERAL NOTES

- ① REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
- ② LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.






**CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER

FHWA

LEGEND

-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  TEMPORARY PORTABLE RUMBLE STRIP ARRAY
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

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

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

- ① FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.
- ② SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

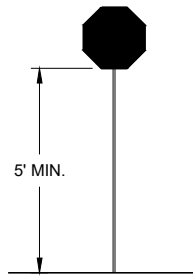
- ③ EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.



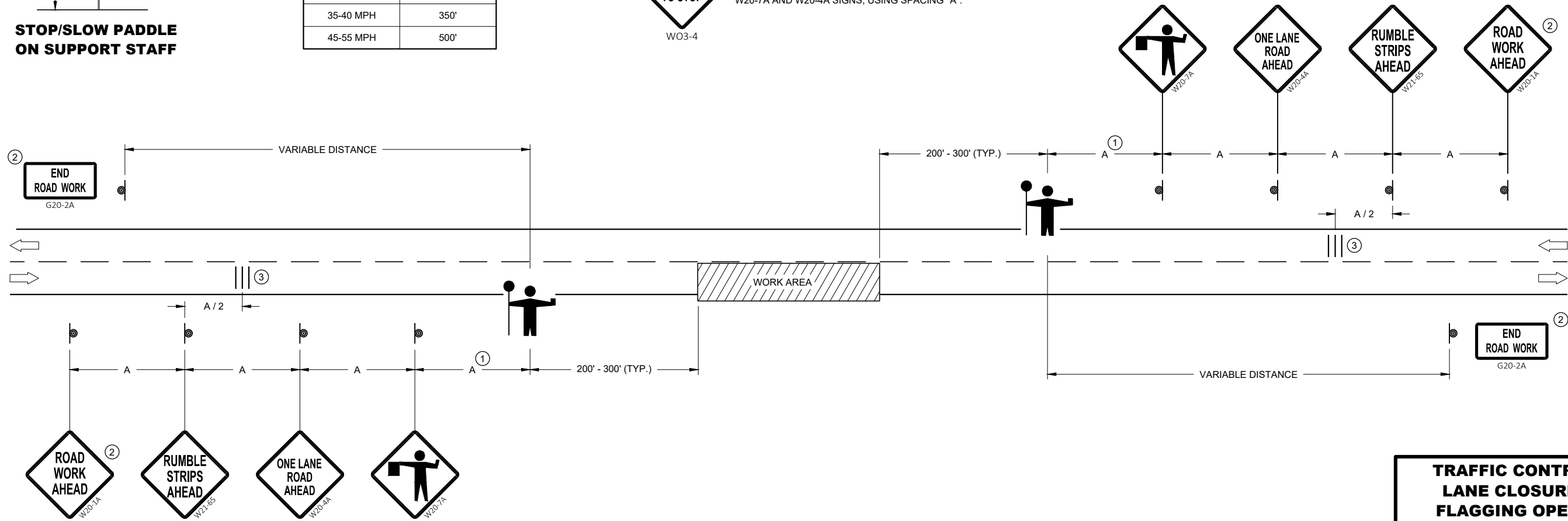
STOP/SLOW PADDLE ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



USE OF W03-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".







TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
DATE: May 2022 /S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

LEGEND

-  SIGN ON PERMANENT SUPPORT
-  TRAFFIC CONTROL DRUM
-  DIRECTION OF TRAFFIC
-  WORK ZONE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

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

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

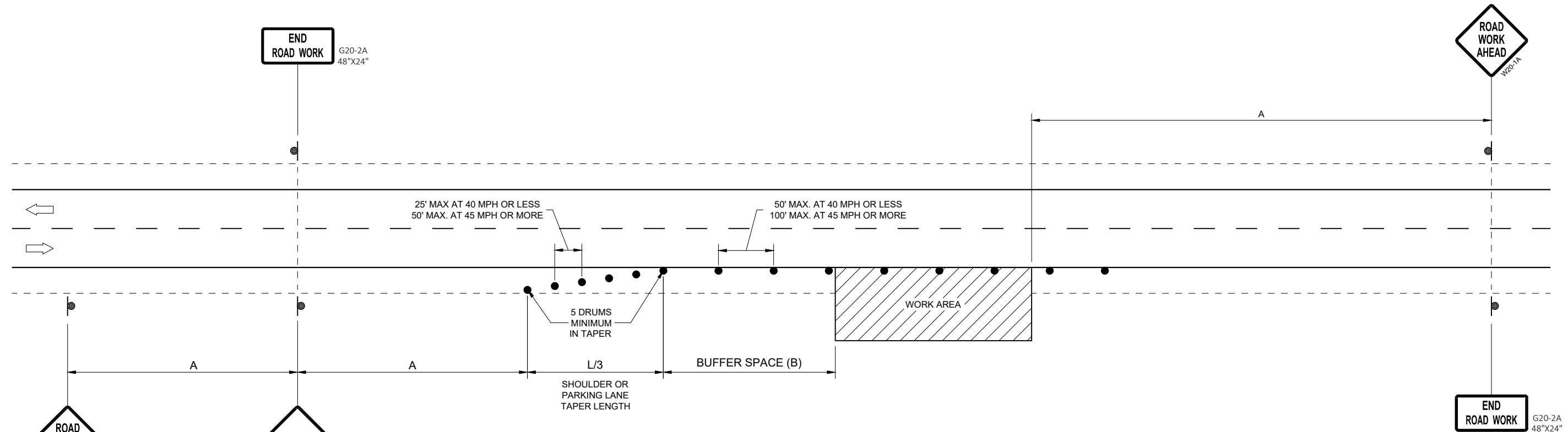
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

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POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	59	74	89	104	119	220
50	500'	50	66	83	99	116	132	280
55	500'	54	73	91	109	127	145	335'

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020 /S/ Andrew Heidtke
DATE STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

FHWA

SDD 15D28 - 04

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