

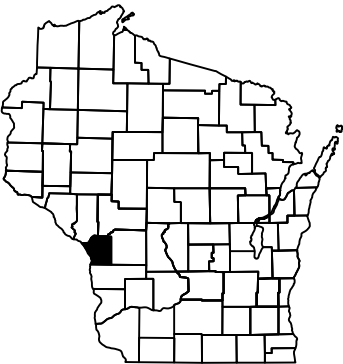
PROJECT ID:
WITH: 7930-08-70

COUNTY:
LA CROSSE

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 7930-08-70

A.A.D.T.	2020	=	2000
A.A.D.T.	2040	=	2200
D.H.V.		=	3.7
D.D.		=	60/40
T.		=	4.5%
DESIGN SPEED		=	60 MPH
ESALS		=	170,000

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	
MARSH AREA	
WOODED OR SHRUB AREA	

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

	ROCK
	LABEL
	95.36
	E
	FO
	G
	SAN
	SS
	T
	W

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

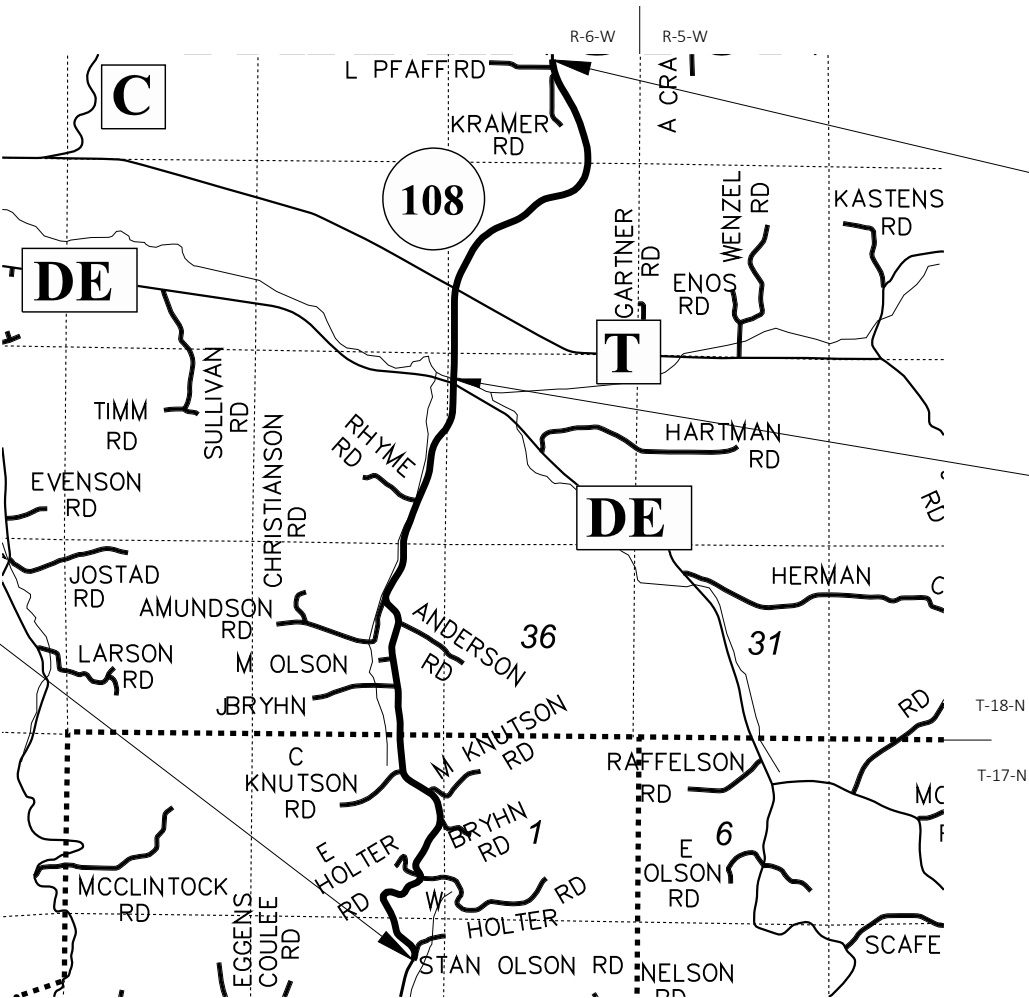
WEST SALEM - MELROSE

STAN OLSON RD TO L PFAFF RD

STH 108

LA CROSSE COUNTY

STATE PROJECT NUMBER
7930-08-70



END PROJECT
STA 402+27.33
X = 500,158.389
Y = 213,611.007

NET EXCEPTION TO CL LENGTH
STA 292+36 - STA 292+71

BEGIN PROJECT
STA 102+41.87
X = 496,495.927
Y = 188,070.964

LAYOUT
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 5.53 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), LA CROSSE 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
7930-08-70		

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	SW REGION
Designer	SHANE PETERSON
Project Manager	TODD WALDO
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	REINY YAHNKE
APPROVED FOR THE DEPARTMENT	
DATE:	(Signature)

E

GENERAL NOTES

- THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
- THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.
- THE ENGINEER SHALL ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH THE EXISTING UTILITY FACILITIES.
- RIGHT OF WAY LINES SHOWN ON THE CROSS SECTIONS ARE APPROXIMATE.
- ALL RADII ARE MEASURED TO EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN OR NOTED ON THE PLAN.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES.
- PRIOR TO THE PLACEMENT OF STEEL PLATE BEAM GUARD OR MGS GUARDRAIL, THE SHOULDERS SHALL BE IN PLACE, SHAPED AND COMPACTED UNLESS SHOWN OTHERWISE.
- THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, BIKE OR PARKING LANE.
- HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.
- "2.5" INCH HMA PAVEMENT TYPE "4 LT 58-28 S", SHALL BE CONSTRUCTED WITH A SINGLE LAYER.
- CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY HIS OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.
- THE QUANTITY OF THE ITEMS FOR EROSION PROTECTION INCLUDES AN UNDISTRIBUTED AMOUNT FOR PROTECTION, CONTROL AND ABATEMENT OF WATER POLLUTION RESULTING FROM SOIL EROSION. THE DISTRIBUTION AND LOCATION OF THESE MATERIALS ARE TO BE DETERMINED BY THE ENGINEER.
- DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED (SALVAGED), FERTILIZED, SEEDED, AND MULCHED OR SODDED AS DIRECTED BY THE ENGINEER.
- (SALVAGED) TOPSOIL AND MULCH HAS BEEN COMPUTED BY DIRECT MEASUREMENTS ON THE CROSS SECTIONS PLUS 5 FT BEYOND THE TOE OF SLOPE. SEEDING AND FERTILIZER HAS BEEN COMPUTED BY DIRECT MEASUREMENTS ON THE CROSS SECTIONS PLUS 10 FT.

ORDER OF SECTION 2 SHEETS

- GENERAL NOTES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- INTERSECTION DETAILS
- TRAFFIC CONTROL ADVANCED WARNING
- TRAFFIC CONTROL STAGING

STANDARD ABBREVIATIONS

AC	ACRE	LC.	LONG CHORD
AGG	AGGREGATE	LS	LUMP SUM
<	ANGLE	M.P.	MARKER POST
AE, AEW	APRON ENDWALL	MGAL	1000 GALLONS
ASPH.	ASPHALTIC	N.C.	NORMAL CROWN
A.D.T.	AVERAGE DAILY TRAFFIC	N	NORTH
A.A.D.T.	ANNUAL AVERAGE DAILY TRAFFIC	NB	NORTHBOUND
B.F.	BACK FACE	NOR	NORMAL
BM	BENCHMARK	NO.	NUMBER
BTWN	BETWEEN	PAV'T	PAVEMENT
CTR.	CENTER	P.L.E.	PERMANENT LIMITED EASEMENT
C/L	CENTER LINE	P.C.	POINT OF CURVATURE
Δ	CENTRAL ANGLE OR DELTA	P.I.	POINT OF INTERSECTION
C.E.	COMMERCIAL ENTRANCE	P.T.	POINT OF TANGENCY
CONST.	CONSTRUCTION	PCC	PORTLAND CEMENT CONCRETE
CMCP	CORRUGATED METAL CULVERT PIPE	P.E.	PRIVATE ENTRANCE
CMP	CORRUGATED METAL PIPE	PGL	PROFILE GRADE LINE
CO.	COUNTY	P.L.	PROPERTY LINE
CTH	COUNTY TRUNK HIGHWAY	R	RADIUS OR RANGE
CR.	CREEK	R/L	REFERENCE LINE
CABC	CRUSHED AGGREGATE BASE COURSE	R.C.C.P.	REINFORCED CONCRETE CULVERT PIPE
CY	CUBIC YARD	REQ'D	REQUIRED
CP	CONTROL POINT OR CULVERT PIPE	RT	RIGHT
C&G	CURB AND GUTTER	R.H.F.	RIGHT HAND FORWARD
D	DEGREE OF CURVE	R/W	RIGHT OF WAY
D.H.V.	DESIGN HOURLY VOLUME	RD.	ROAD
DIA.	DIAMETER	SHLD.	SHOULDER(S)
D.D.	DIRECTIONAL DISTRIBUTION	SHR.	SHRINKAGE
DISCH.	DISCHARGE	S	SOUTH
DMS	DYNAMIC MESSAGE SIGN	SB	SOUTHBOUND
EA	EACH	S.F.	SQUARE FOOT (FEET)
E	EAST	SDD	STANDARD DETAIL DRAWING(S)
EB	EASTBOUND	STH	STATE TRUNK HIGHWAY
ELEC.	ELECTRIC(AL), ELEC. CABLE	STA.	STATION
EL., ELEV.	ELEVATION	S.E	SUPERELEVATION
ESALS	EQUIVALENT SINGLE AXLE LOADS	S/L	SURVEY LINE
EXC.	EXCAVATION	SYM	SYMMETRICAL
EXIST	EXISTING	T.	PERCENT TRUCKS
F.F.	FACE TO FACE	TEL.	TELEPHONE
FERT.	FERTILIZER	TEMP.	TEMPORARY
F.E	FIELD ENTRANCE	T.L.E.	TEMPORARY LIMITED EASEMENT
F/L, F.L.	FLOW LINE	T.O.C.	TOP OF CURB
GALV.	GALVANIZE	TYP	TYPICAL
H.S.	HIGH STRENGTH	UNCL.	UNCLASSIFIED
CWT	HUNDRED WEIGHT	U.G.	UNDERGROUND (CABLE)
INL	INLET	VAR	VARIABLE
INTER.	INTERSECTION	V.C.	VERTICAL CURVE
IH	INTERSTATE HIGHWAY	V.P.C.	VERTICAL POINT OF CURVATURE
JT.	JOINT	V.P.I.	VERTICAL POINT OF INTERSECTION
LT	LEFT	V.P.T.	VERTICAL POINT OF TANGENCY
L.H.F.	LEFT HAND FORWARD	Wt.	WEIGHT
L.	LENGTH OF CURVE	W	WEST
L.F.	LINEAR FOOT(FEET)	WB	WESTBOUND

DESIGN CONTACTS

DNR LIAISON

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PROJECT MANAGER

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SHANE PETERSON

PROJECT DESIGNER

PROJECT DEVELOPMENT

WISDOT SW REGION

3550 MORMON COULEE ROAD

LA CROSSE, WI 54601

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KAREN KALVELAGE

ENVIRONMENTAL ANALYSIS & REVIEW SPECIALIST

WISCONSIN DEPT. OF NATURAL RESOURCES

WEST CENTRAL REGION

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MAPLE GROVE COUNTRY CLUB ESTATES SAN DIST. - SEWER

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LA CROSSE, WI 54601

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S.NIC@CENTURYTEL.NET

DAWN SCHULTZ

XCEL ENERGY - ELECTRICITY

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P.O. BOX 8

EAU CLAIRE, WI 54702-0008

(715) 737-2482

DAWN.SCHULTZ@XCELENERGY.COM

MINDORO SANITARY DISTRICT NUMBER ONE - SEWER

W3970 COUNTY RD D

MINDORO, WI 54644-9505

STEVE BLADO

CENTURY LINK - COMMUNICATION LINE

333 N FRONT ST

P.O. BOX 4800

LA CROSSE, WI 54602

(608) 796-5543

STEVE.BLADO@CENTURYLINK.COM

BRANDON STORM

CHARTER COMMUNICATIONS - COMMUNICATION LINE

2701 DANIELS ST.

MADISON, WI 53718

(608) 274-3822

BRANDON.STORM@CHARTER.COM

DOUG DICKENSON

MIDWEST NATURAL GAS INCORPORATED - GAS/PETROLEUM

3600 STH 157

P.O. BOX 429

LA CROSSE, WI 54602

(608) 781-1011

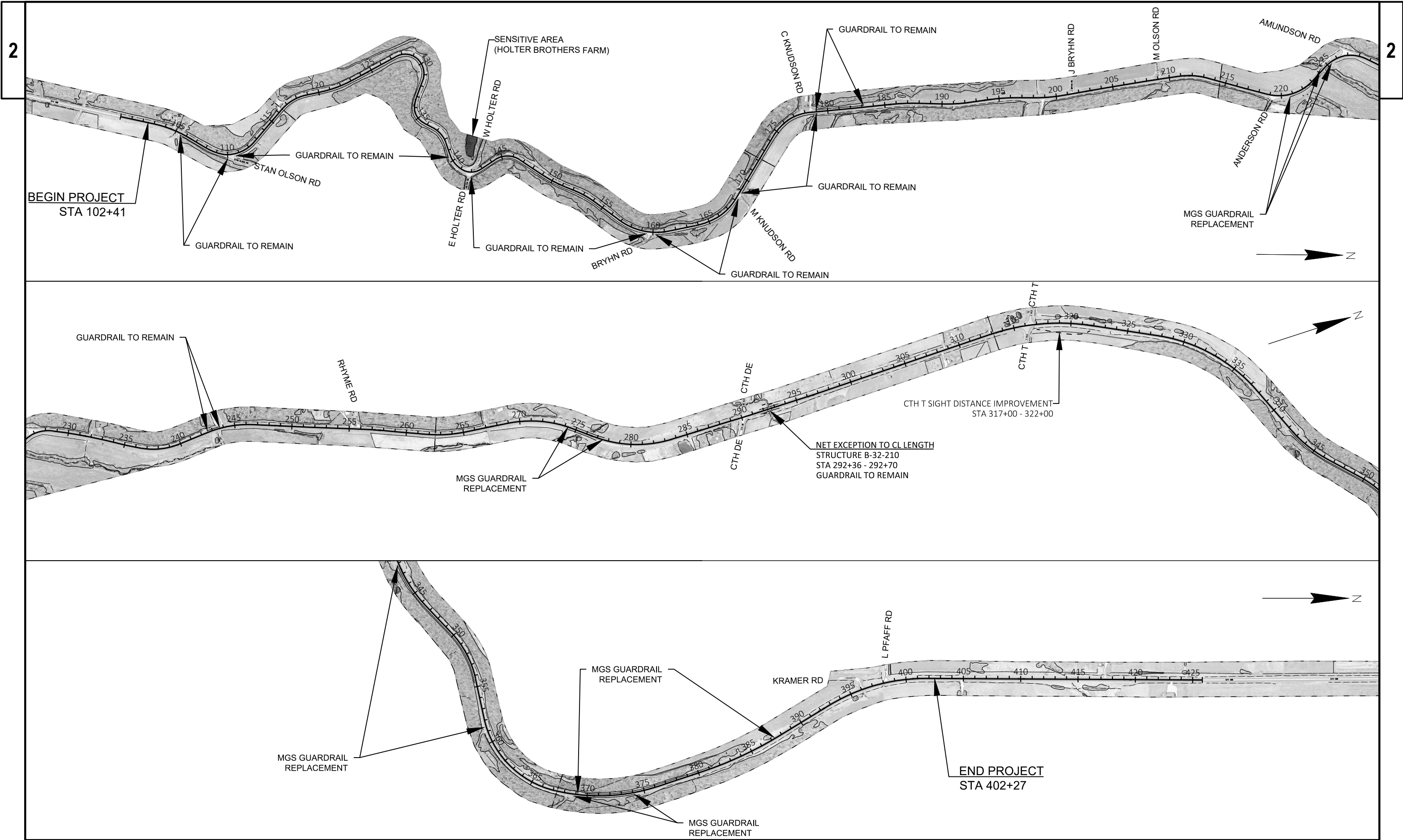
DOUGD@MIDWESTNATURALGAS.COM

ROADWAY SOIL BORING SUMMARY TABLE

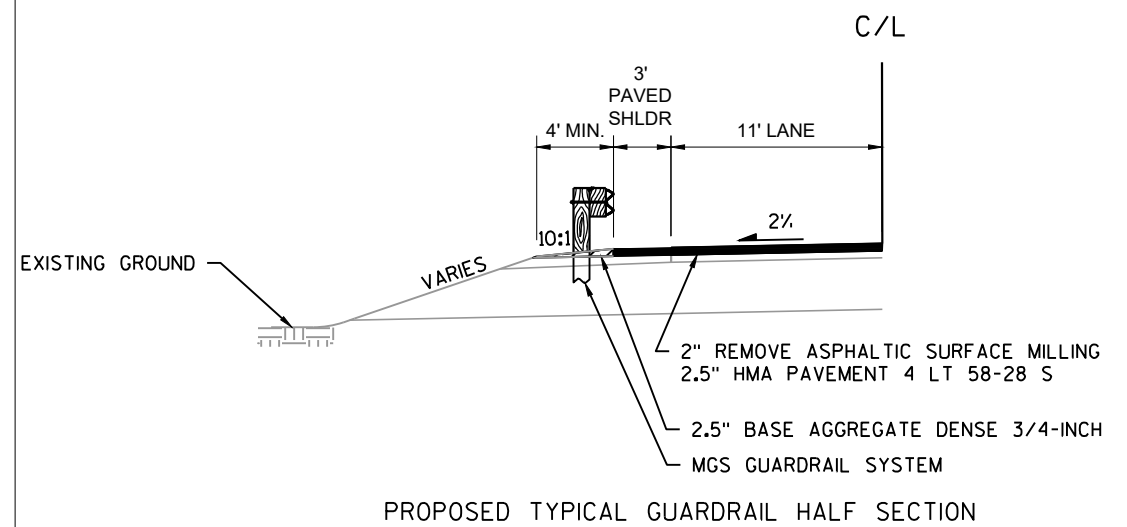
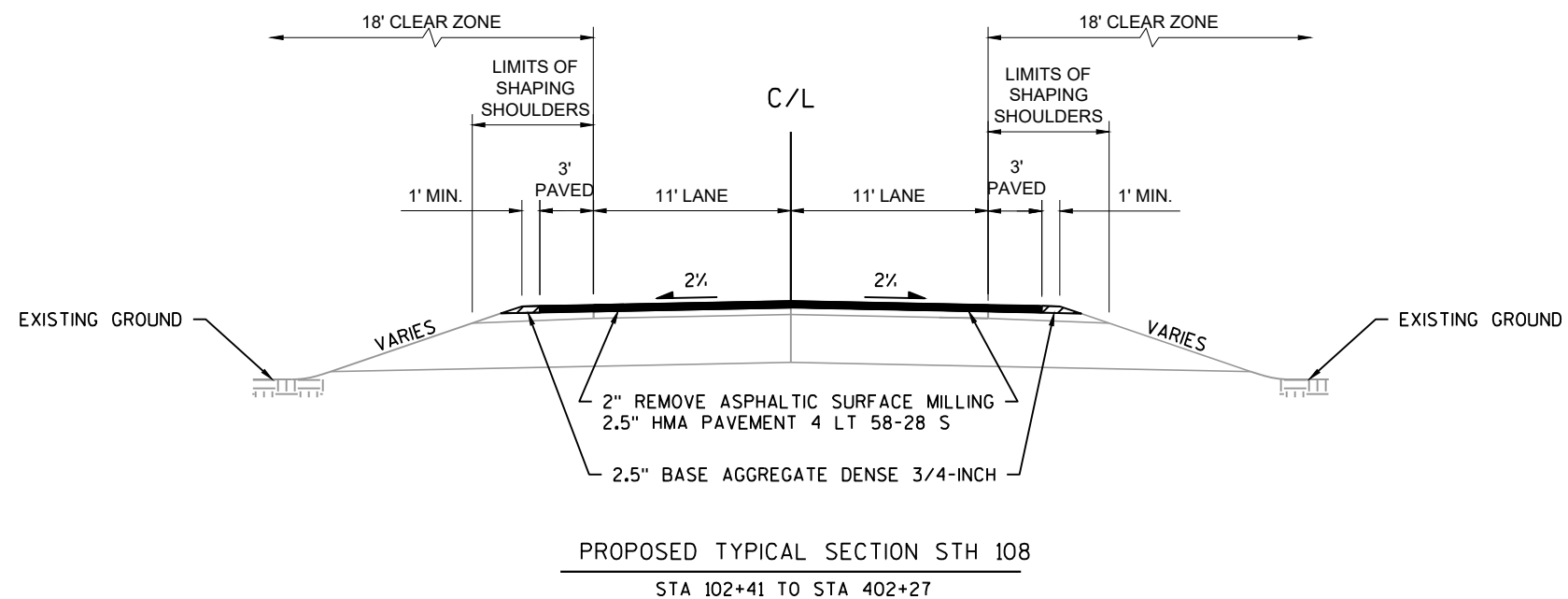
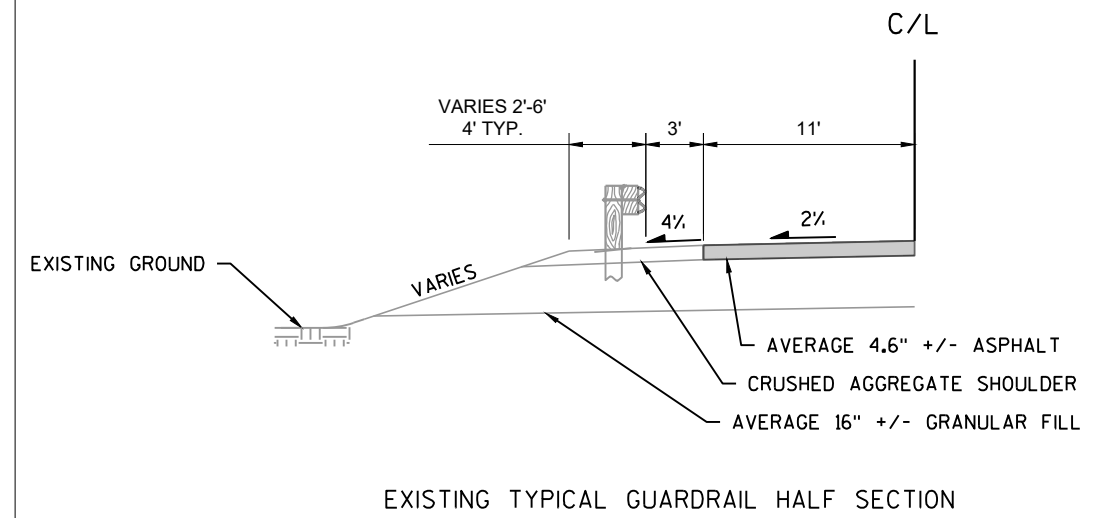
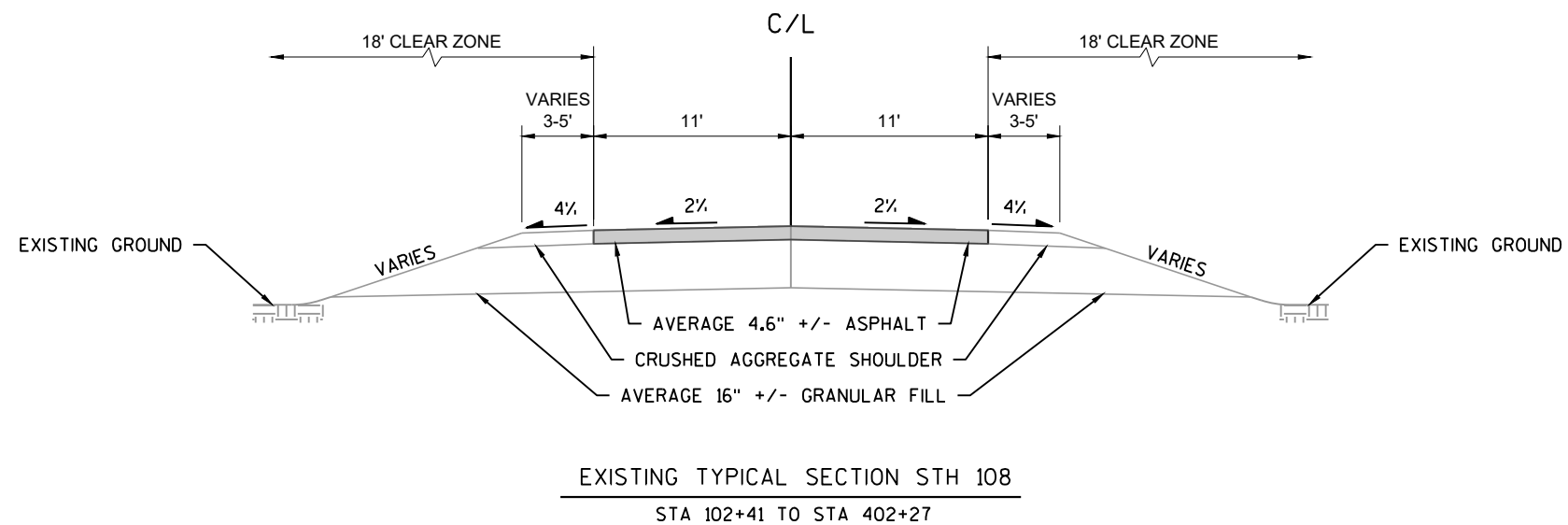
Boring #	Log Mile	Offset	Bituminous	Base Course	Subgrade	Remarks
	0.00					STAN OLSON RD
B-1	0.08	6' RT	5	6	SILT	
B-2	0.32	9' RT	6	6	SILT	
B-3	0.57	6' LT	4		SAND	
B-4	0.82	5' RT	5	7	SAND	
	0.94					BRYHN RD
B-5	1.11	9' LT	7	10	SILT	
B-6	1.39	3' LT	4	7	SAND	
B-7	1.64	12' LT	5	8	SAND	
	1.73					J BRYHN RD
B-8	1.86	6' RT	3	6	SAND/SILT	
B-9	2.09	12' RT	3	6	SAND/LIMESTONE	
B-10	2.34	6' RT	3	6	SAND	
B-11	2.60	9' RT	4	5	SAND/SILT	
	2.76					RHYME RD
B-12	2.87	9' LT	5	5	SAND	
B-13	3.09	3' LT	4	18	SAND/GRAVEL	
B-14	3.33	12' LT	5	5	SAND	
	3.40					CTH DE
B-15	3.56	6' LT	5	6	SILT/SAND	
B-16	3.80	9' RT	4	8	SAND	
	3.89					CTH T
B-17	4.05	9' LT	4	8	SAND/SILT	
B-18	4.32	6' LT	3	10	SAND	
B-19	4.63	12' LT	6	9	SILT	
B-20	4.87	6' LT	6	5	SILT	
B-21	5.11	9' RT	5	6	SAND	
B-22	5.38	6' RT	6	6	SILT/SAND	
	5.45					L PFAFF RD

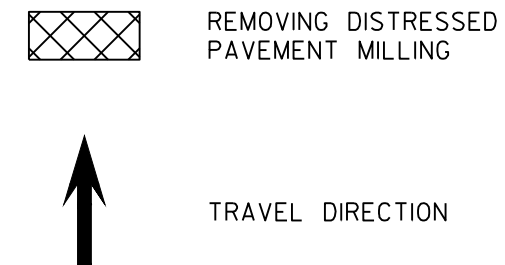
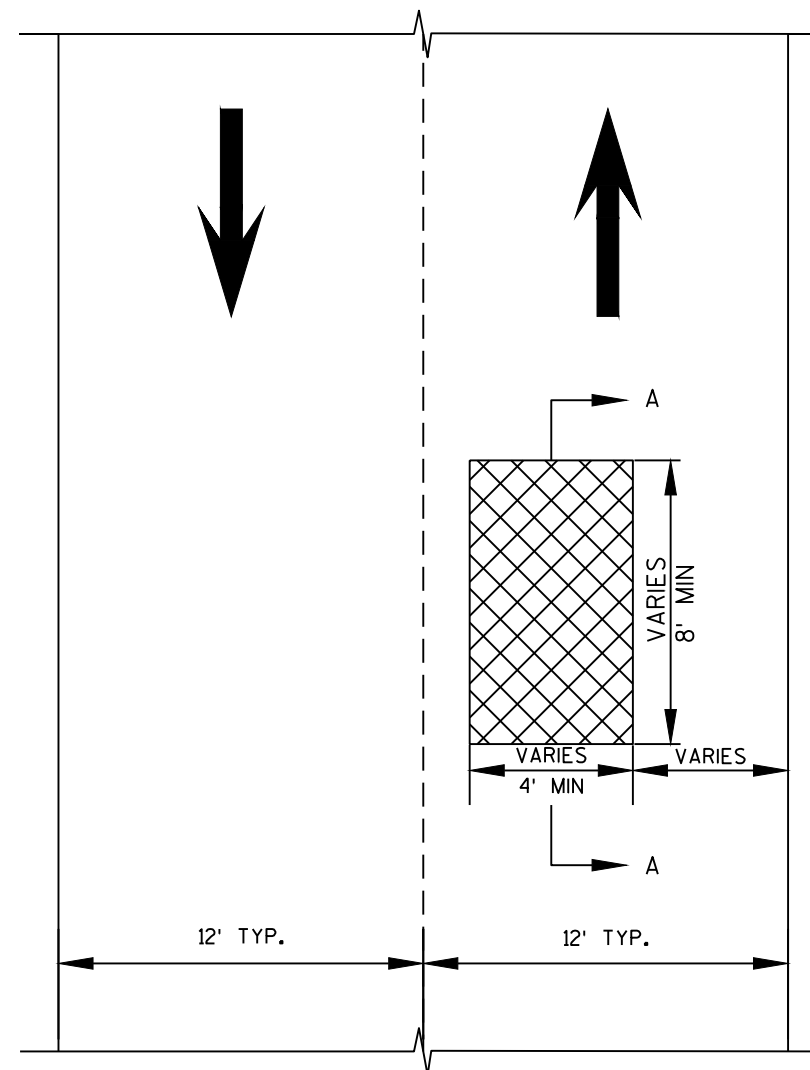
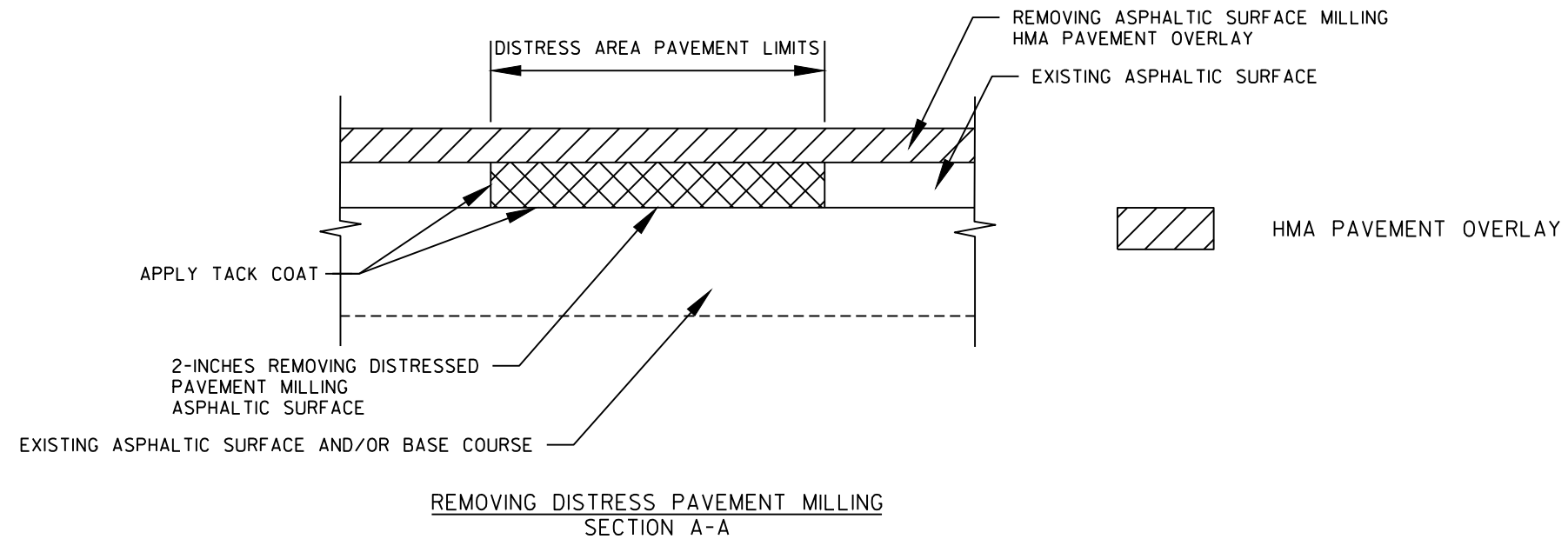
Average Depths 4.6 7.3

NOTES:
DATE BORINGS TAKEN: 11/8/2018, 11/12/2018, 11/13/2018
ALL DEPTHS ARE IN INCHES
FOR REFERENCE PURPOSES ONLY
ALL OFFSETS ARE FROM EXISTING CENTERLINE

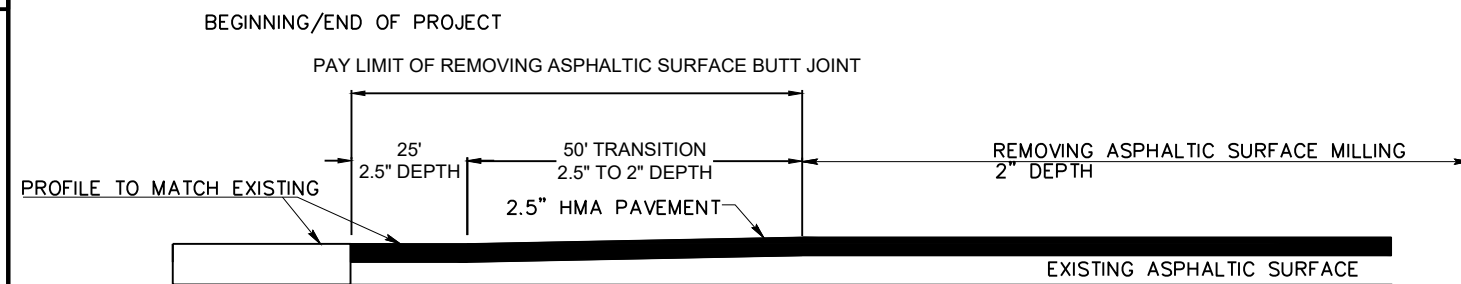


PROJECT NO: 7930-08-70	HWY: STH 108	COUNTY: LA CROSSE	PROJECT OVERVIEW	SHEET	E
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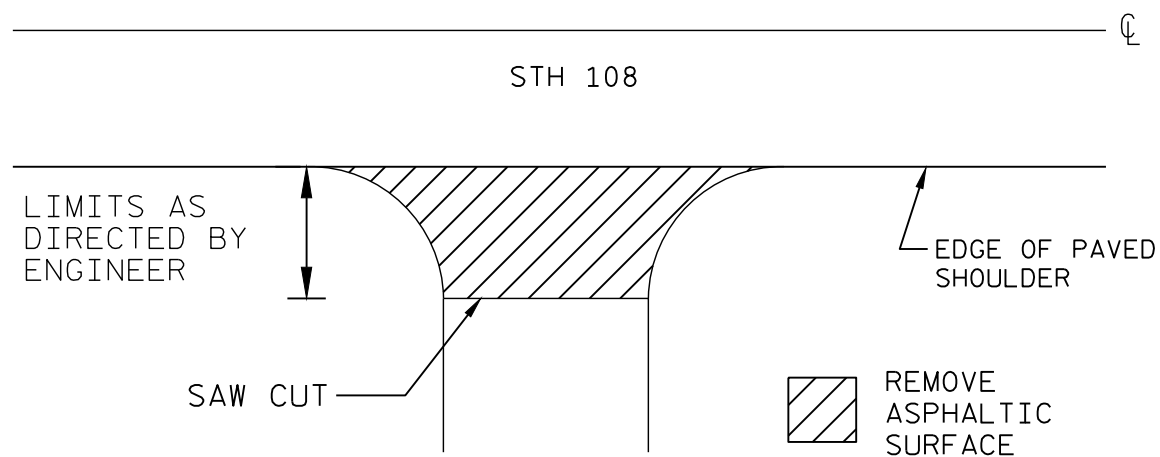


EXACT LOCATION AND LIMITS OF REMOVING DISTRESSED PAVEMENT MILLING TO BE DETERMINED BY THE ENGINEER IN THE FIELD

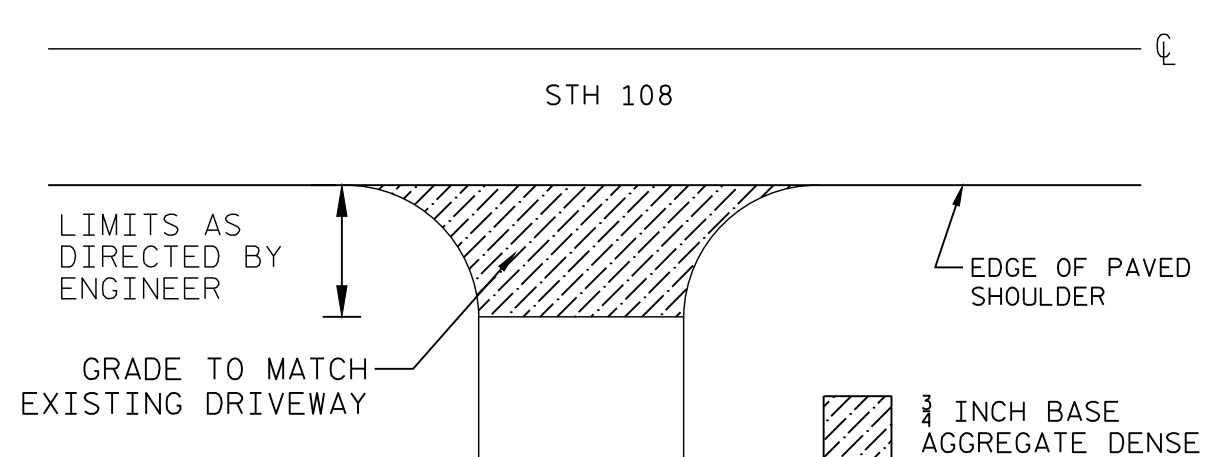


MAINLINE REMOVING ASPHALTIC SURFACE BUTT JOINTS DETAIL

STA 102+41 - STA 103+16
STA 238+61 - STA 239+36
STA 292+71 - STA 293+46
STA 401+52 - STA 402+27



RURAL ASPHALT DRIVEWAY DETAIL



RURAL GRAVEL DRIVEWAY DETAIL

PROJECT NO: 7930-08-70

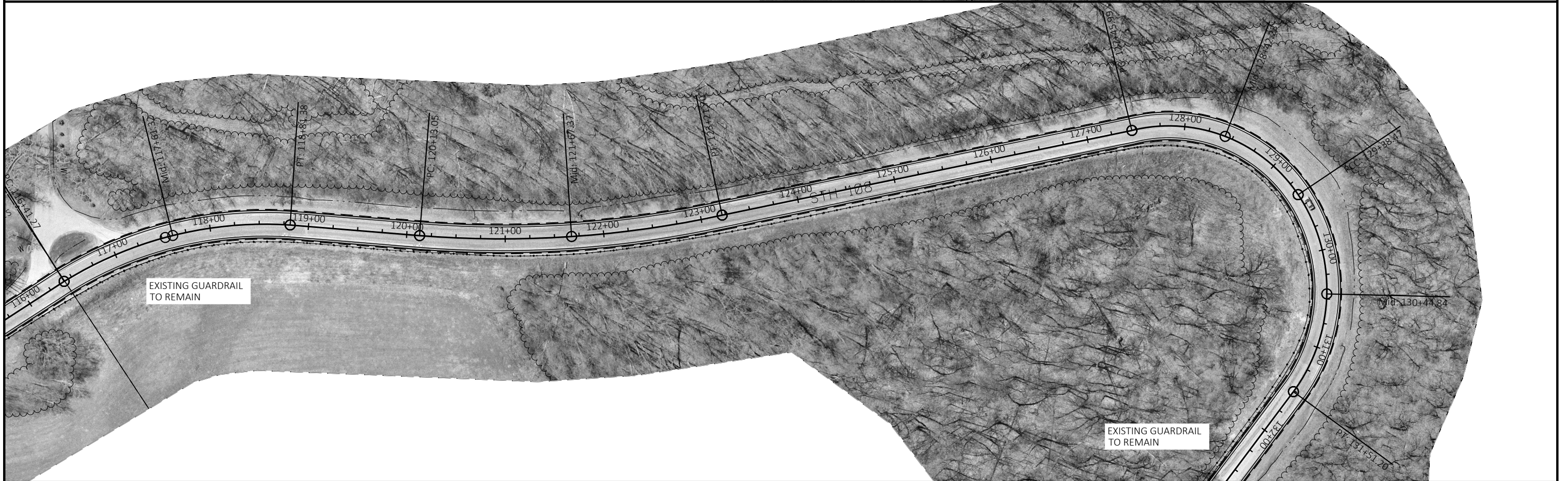
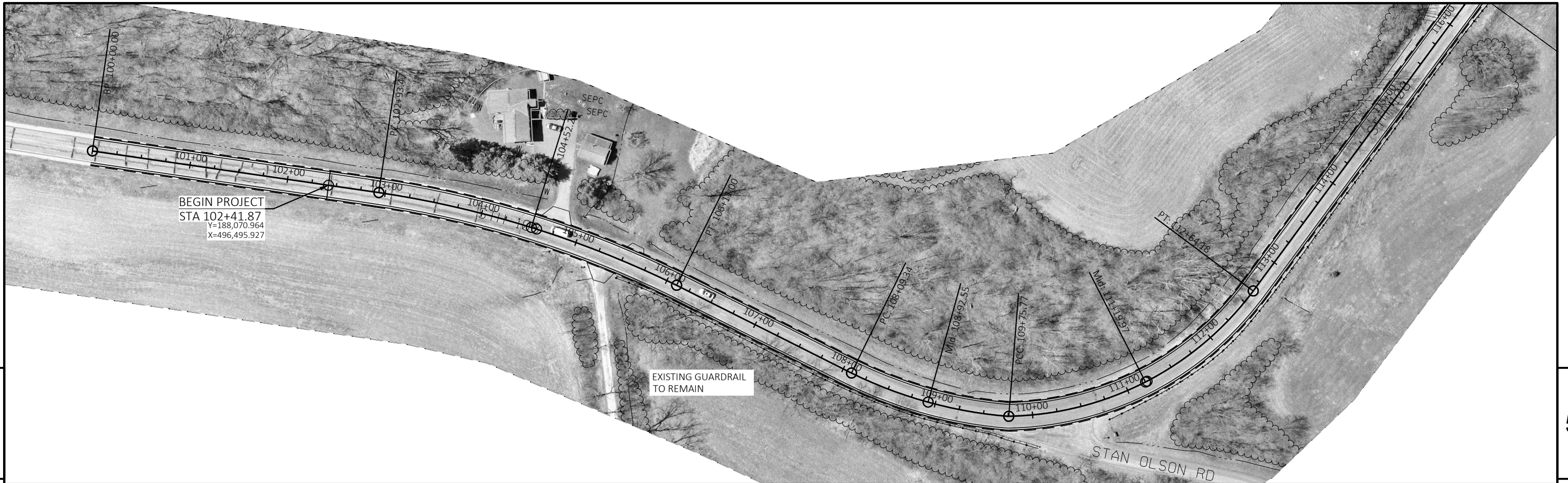
HWY: STH 108

COUNTY: LA CROSSE

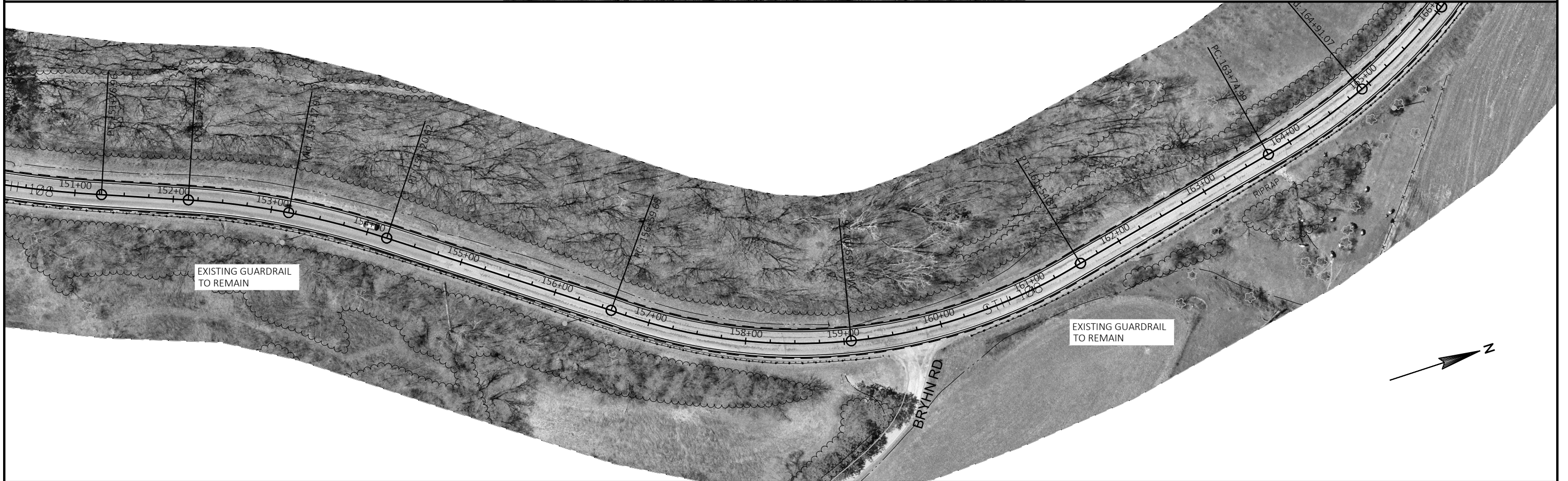
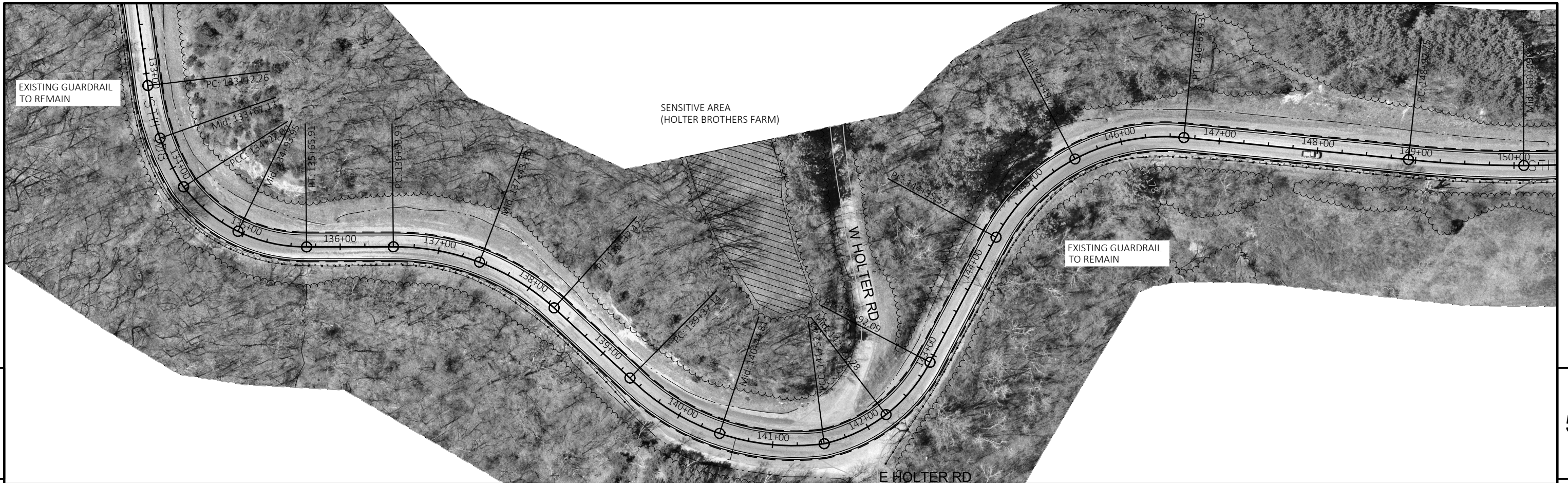
CONSTRUCTION DETAILS

SHEET

E



PROJECT NO: 7930-08-70	HWY: STH 108	COUNTY: LA CROSSE	PLAN	SHEET	E
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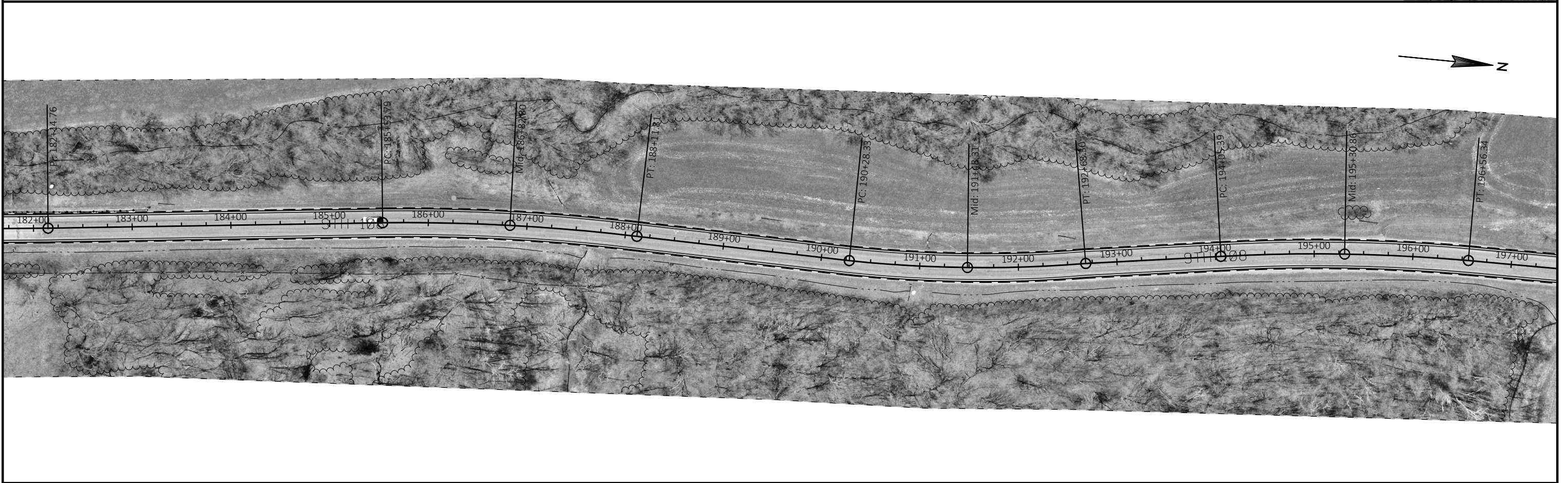


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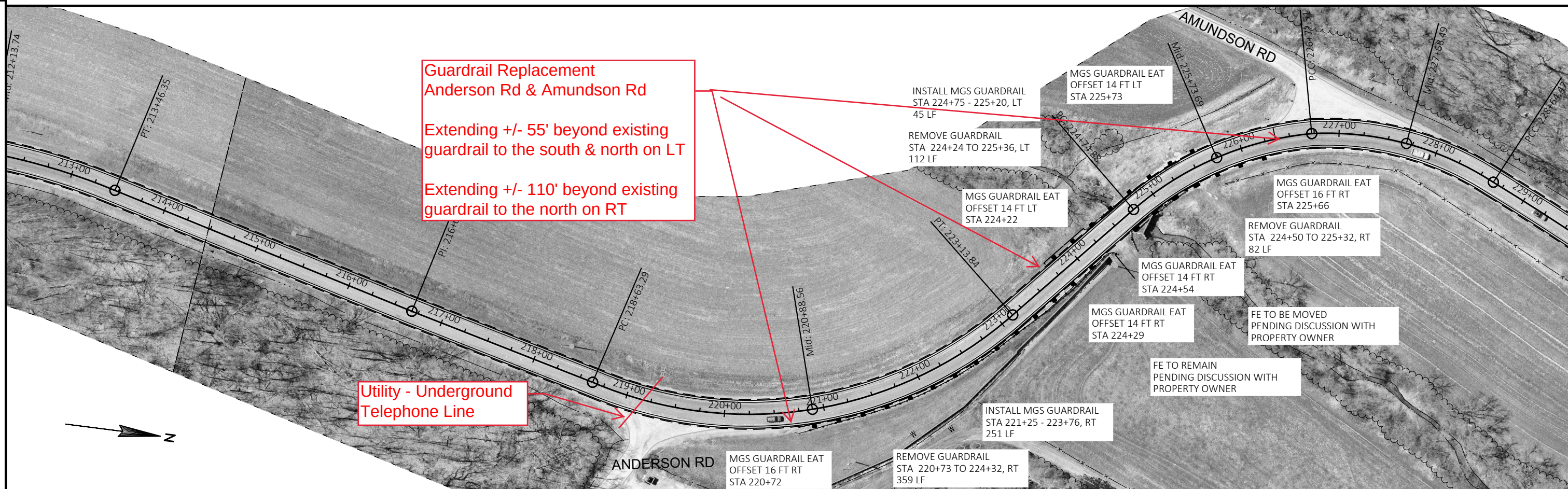
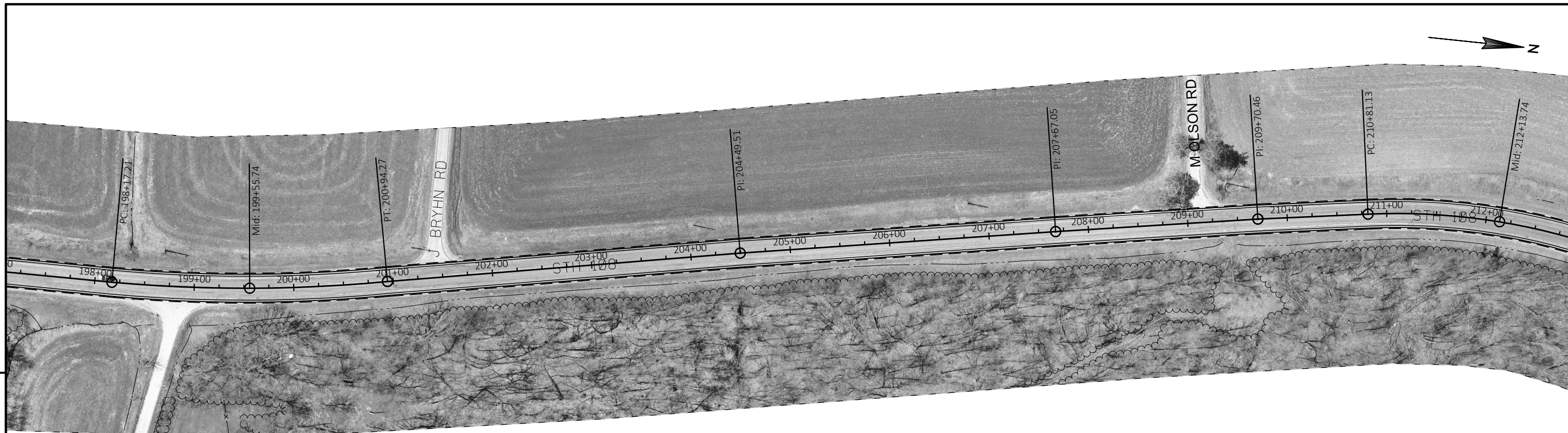


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PROJECT NO: 7930-08-70	HWY: STH 108	COUNTY: LA CROSSE	PLAN	SHEET	E
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PROJECT NO: 7930-08-70

HWY: STH 108

COUNTY: LA CROSSE

PLAN

SHEET

E

FILE NAME : N:\PDS\C3D\79300800\050201-PN100.DWG
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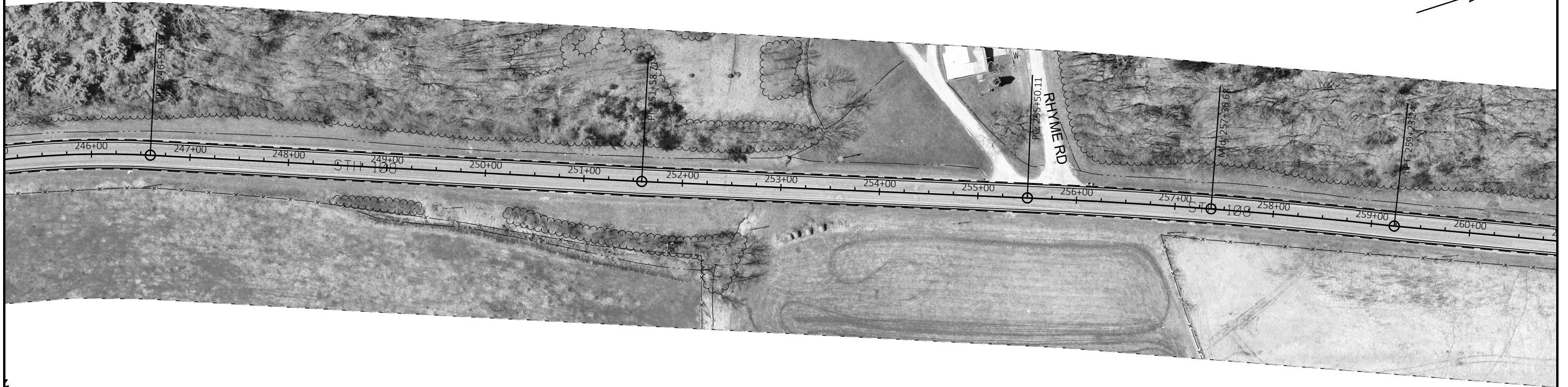
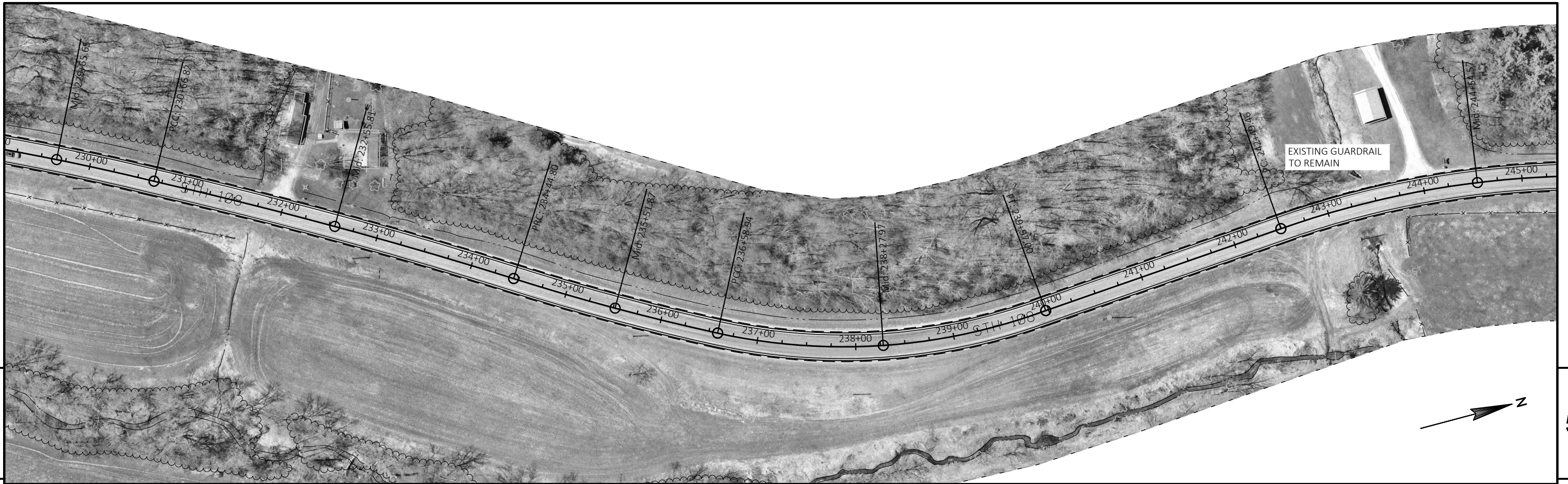
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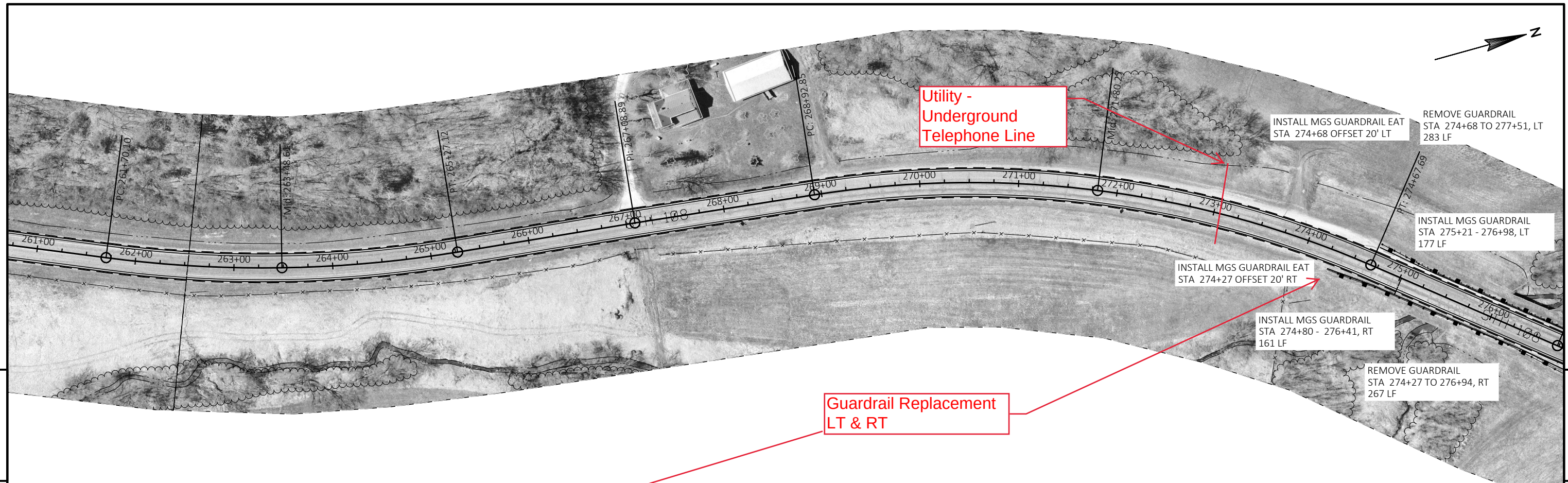
PLOT BY : PETERSON, SHANE J

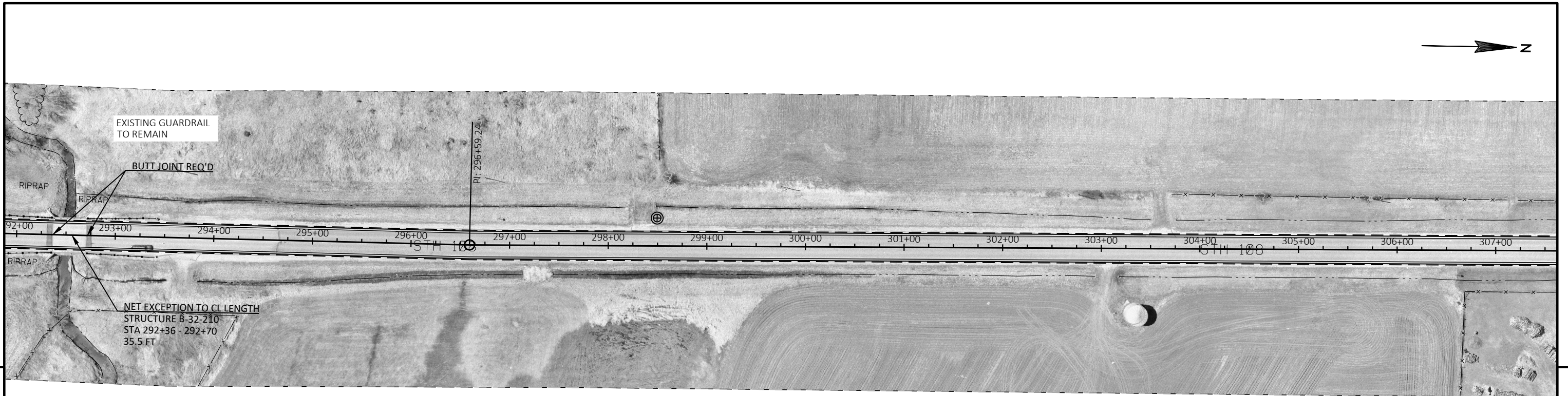
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PLOT SCALE : 1 IN:100 FT

WISDOT/CADDs SHEET 44

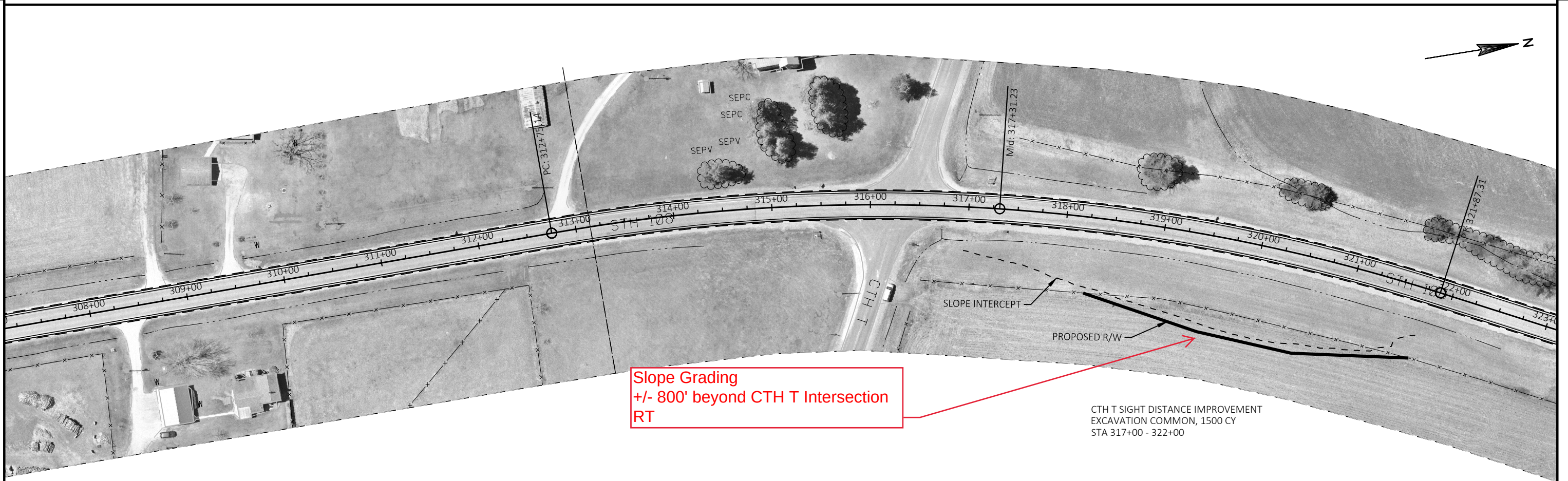






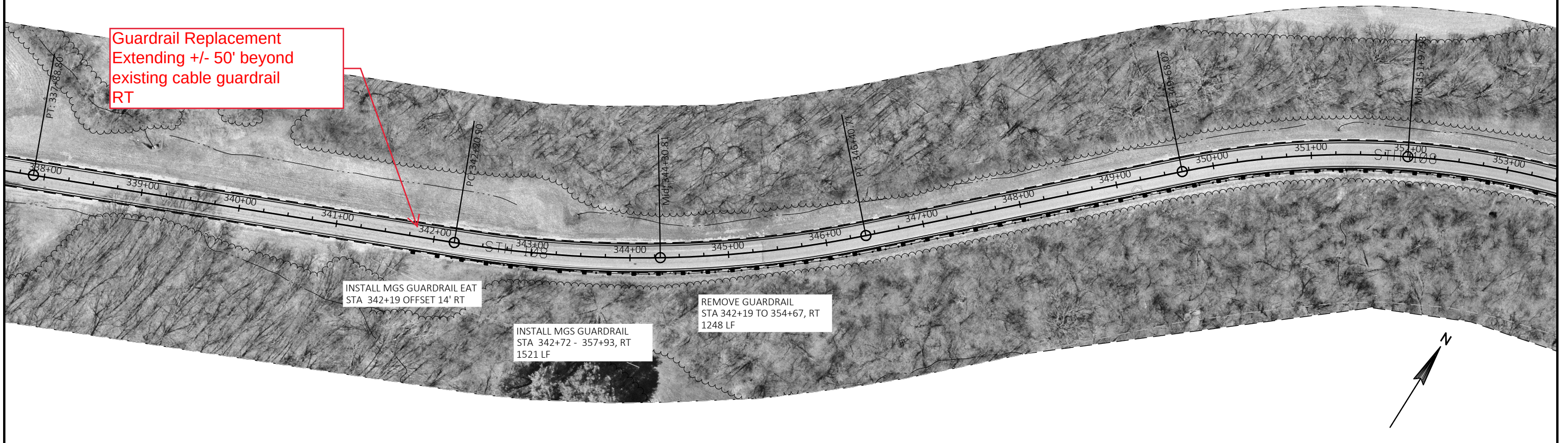
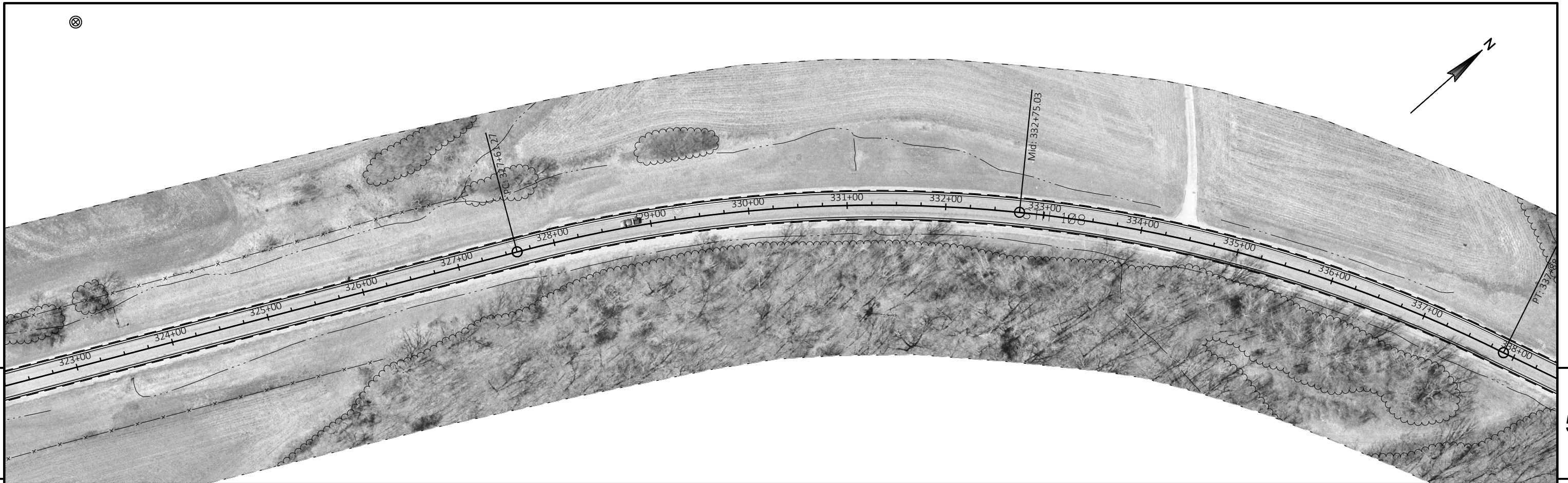
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Slope Grading
+/- 800' beyond CTH T Intersection
RT

PROJECT NO: 7930-08-70	HWY: STH 108	COUNTY: LA CROSSE	PLAN	SHEET	E
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PROJECT NO: 7930-08-70

HWY: STH 108

COUNTY: LA CROSSE

PLAN

SHEET

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FILE NAME : N:\PDS\3D\79300800\050201-PN100.DWG
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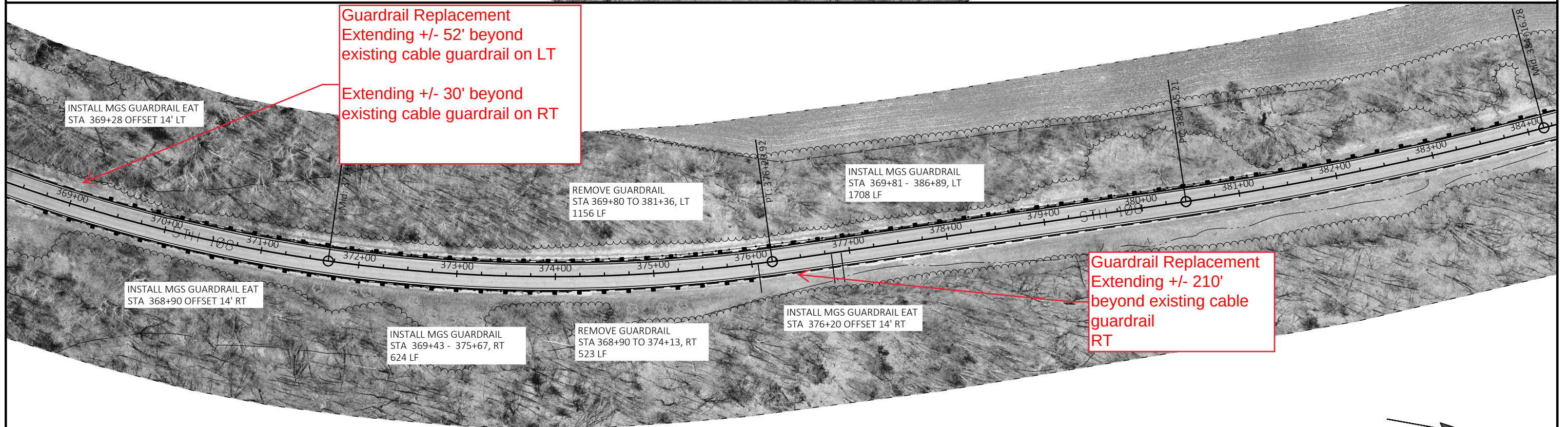
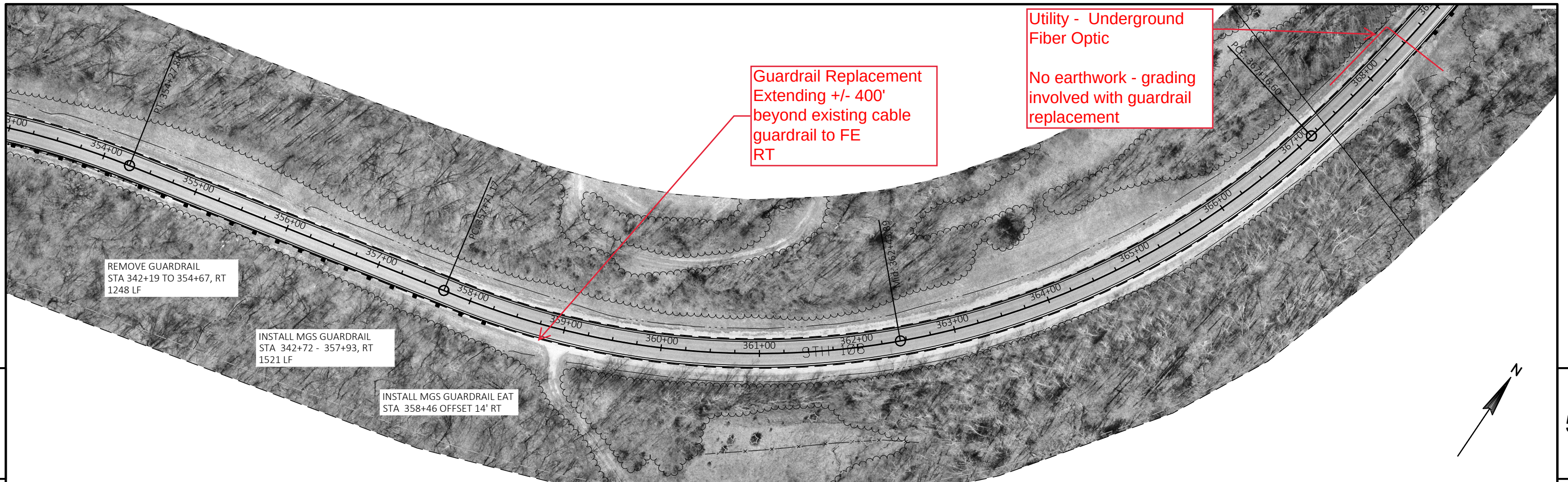
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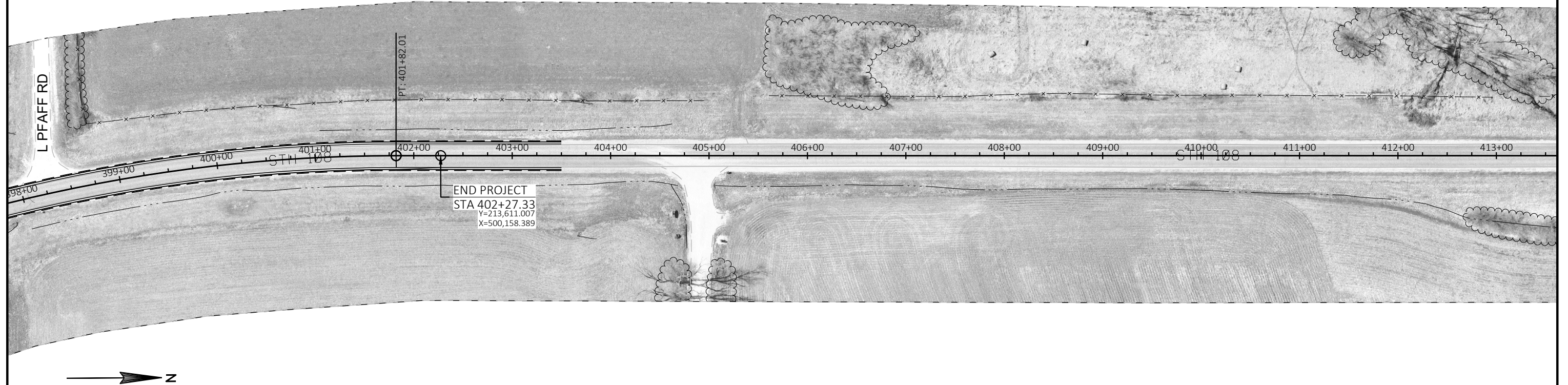
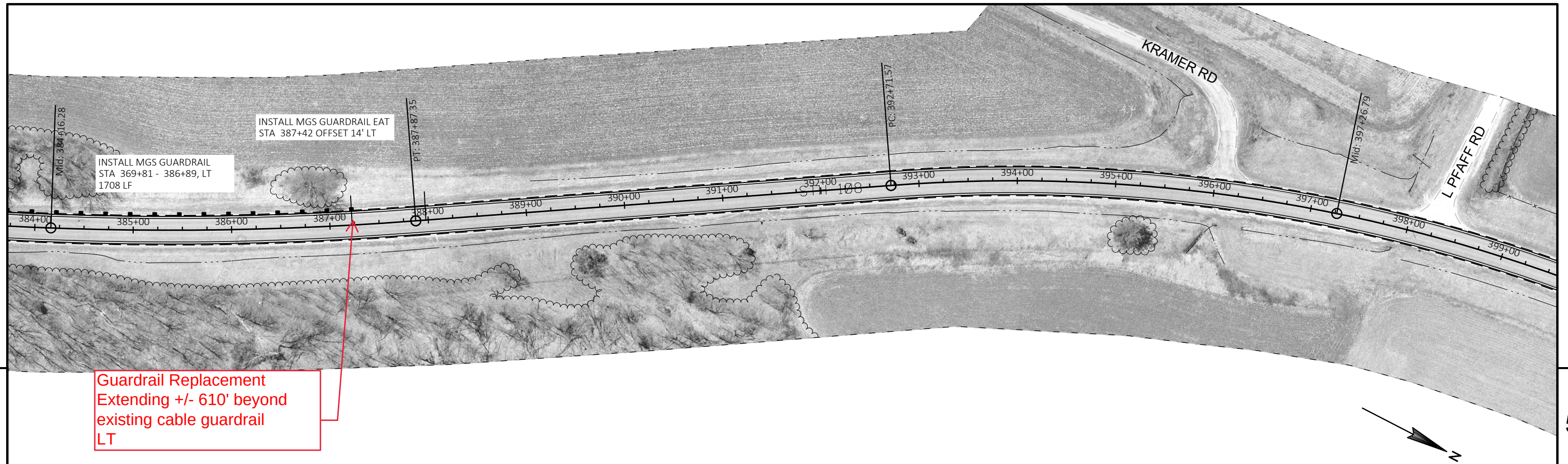
PLOT BY : PETERSON, SHANE J

PLOT NAME :

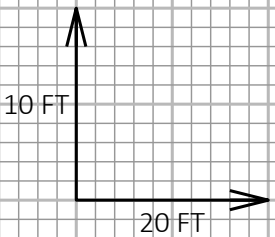
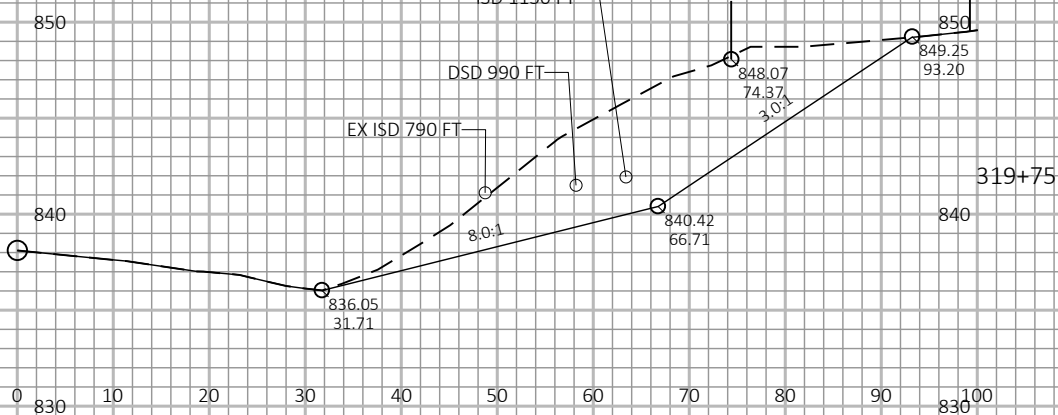
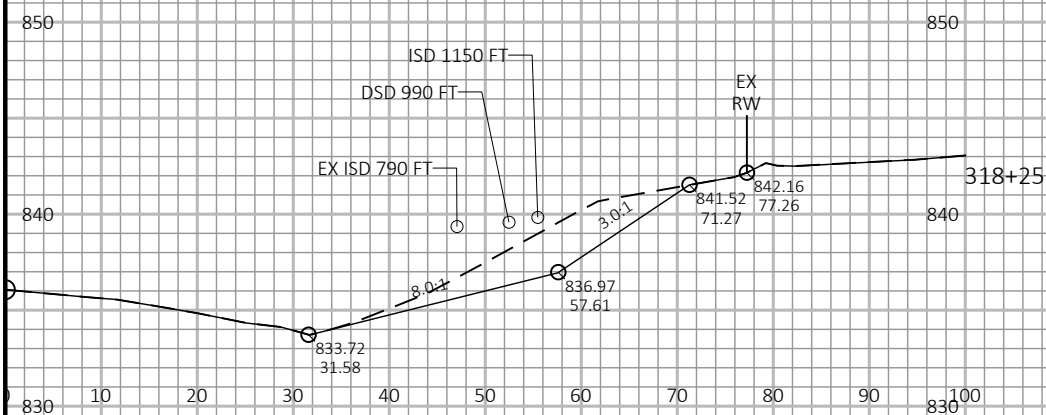
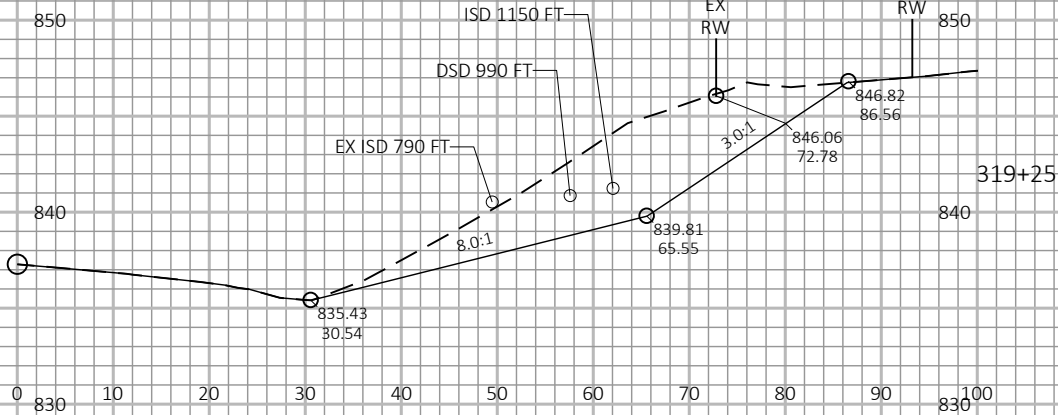
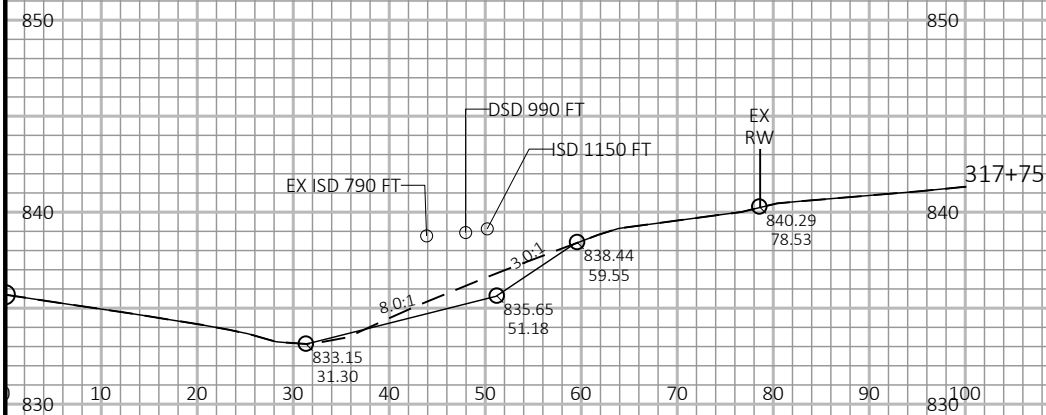
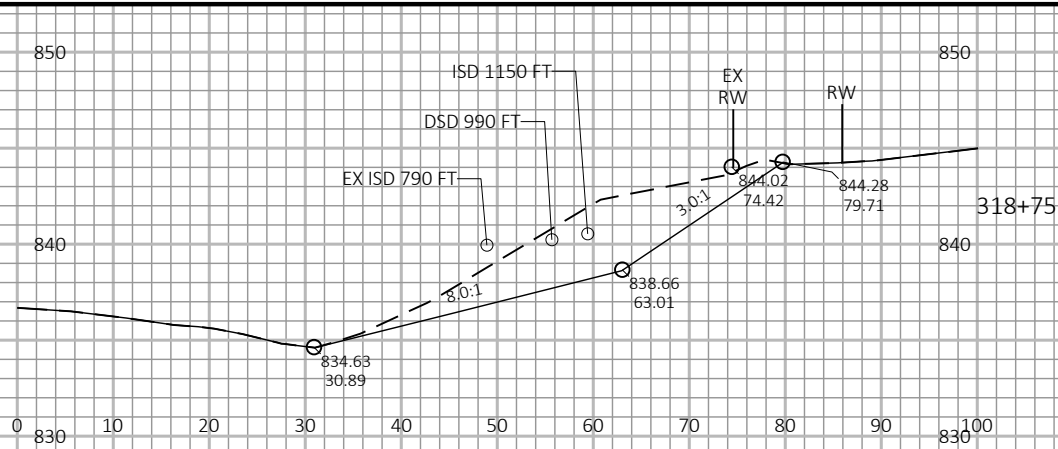
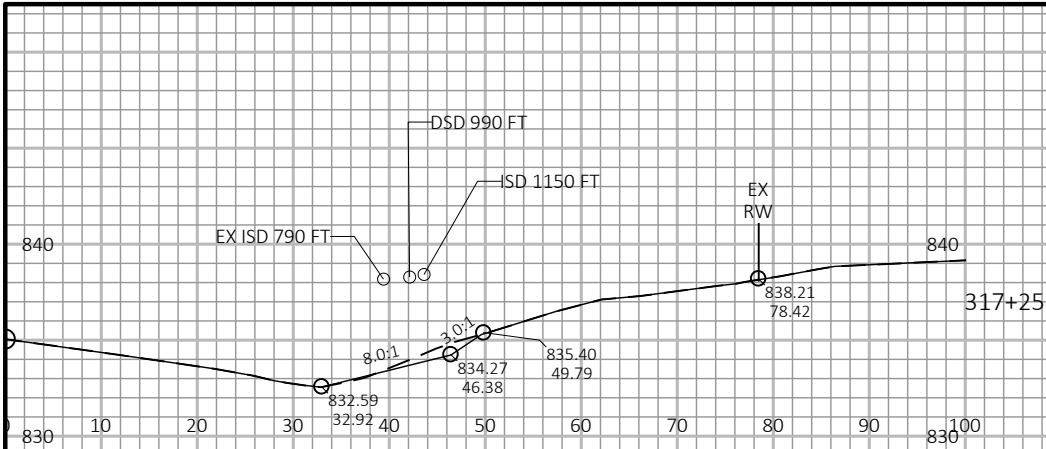
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDs SHEET 44



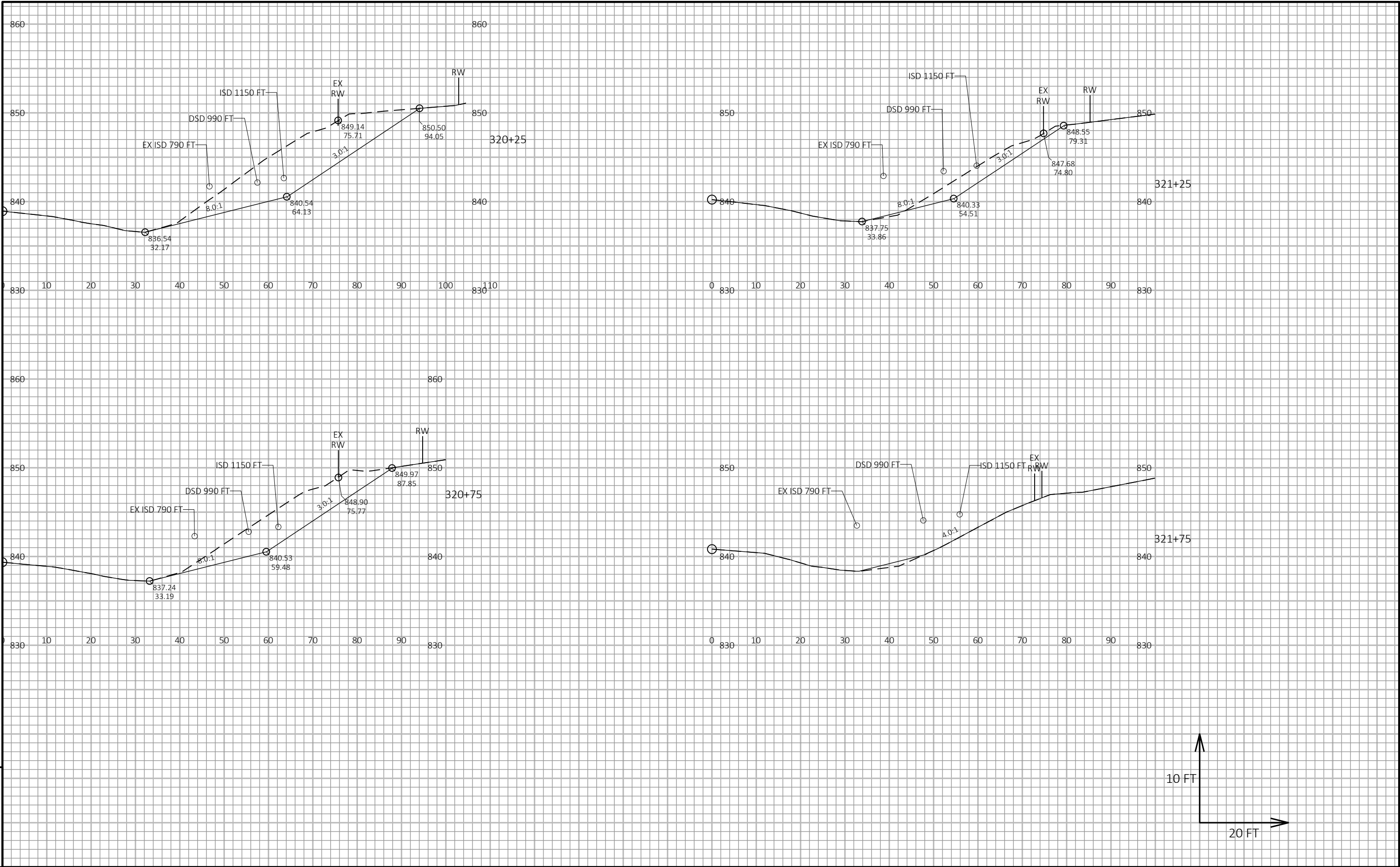


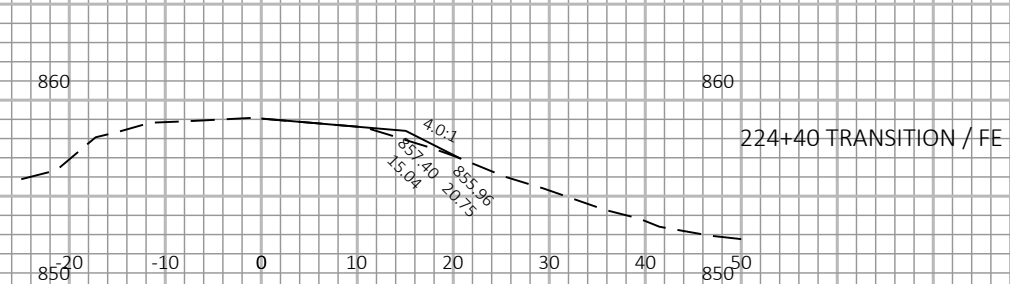
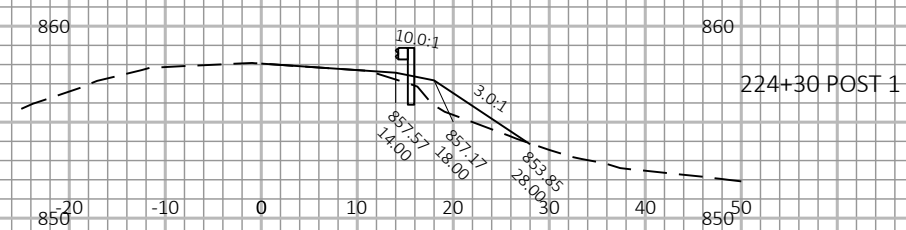
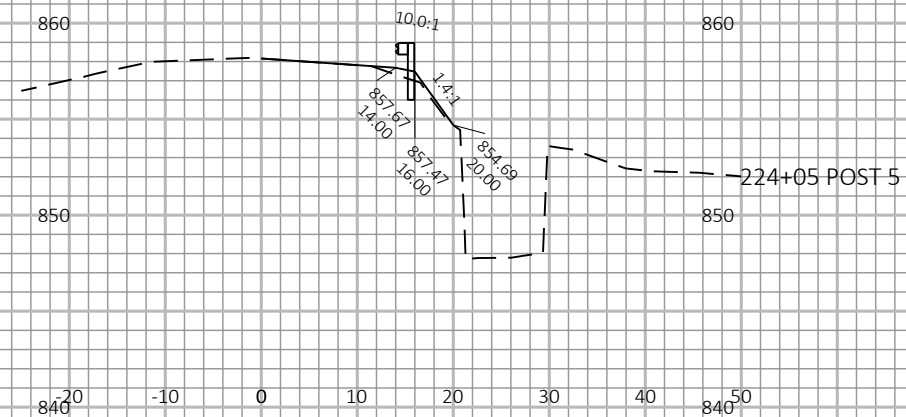
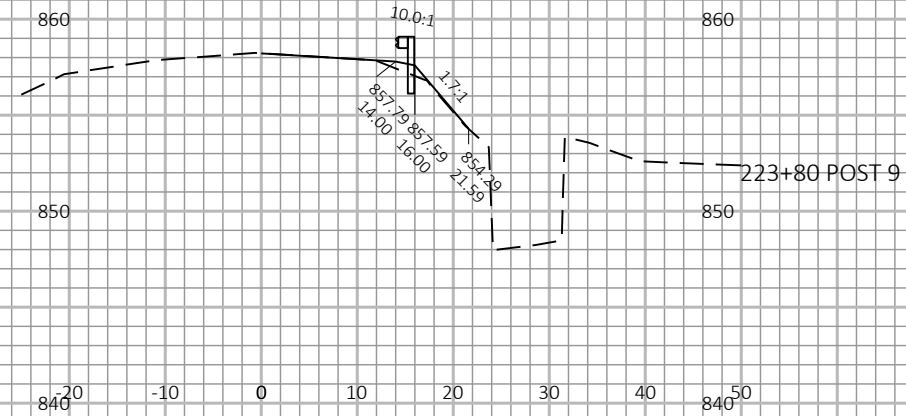
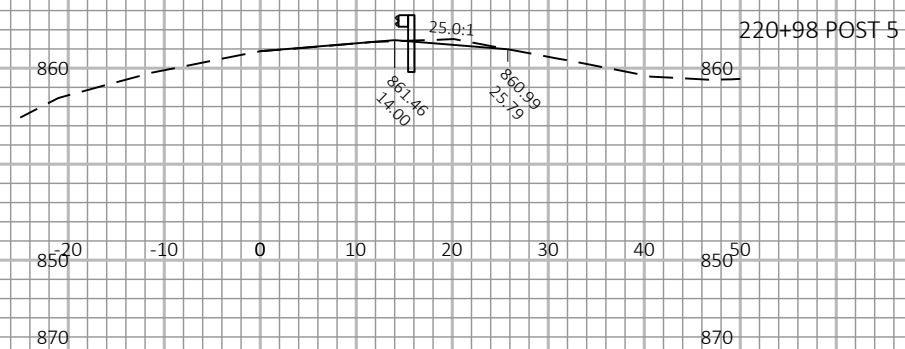
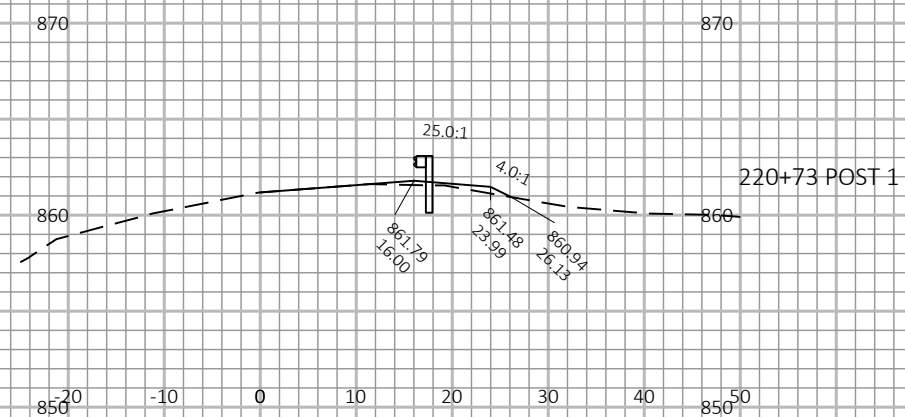
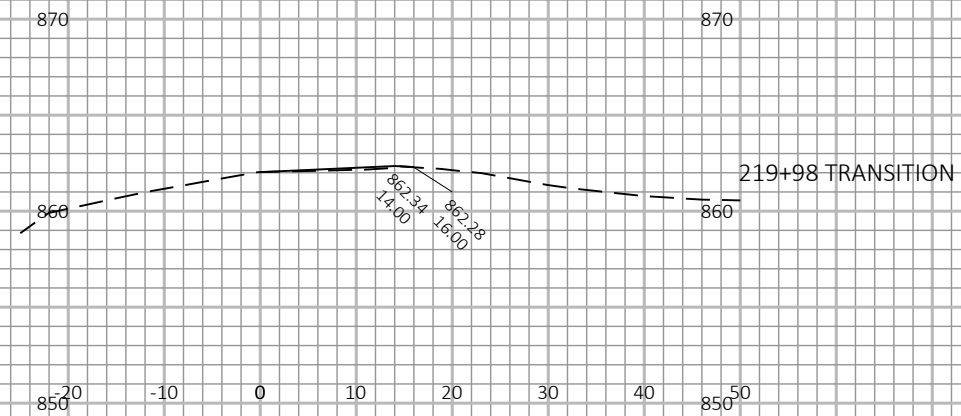
PROJECT NO: 7930-08-70	HWY: STH 108	COUNTY: LA CROSSE	PLAN	SHEET	E
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PROJECT NO:	7930-08-70
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HWY: STH 108

COUNTY: LA CROSSE

CROSS SECTIONS: GUARDRAIL SECTION 1 - RT

SHEET

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FILE NAME : N:\PDS\C3D\79300800\SHEETSPLAN\090201-XS-GUARDRAIL.DWG
LAYOUT NAME - 090201-xs

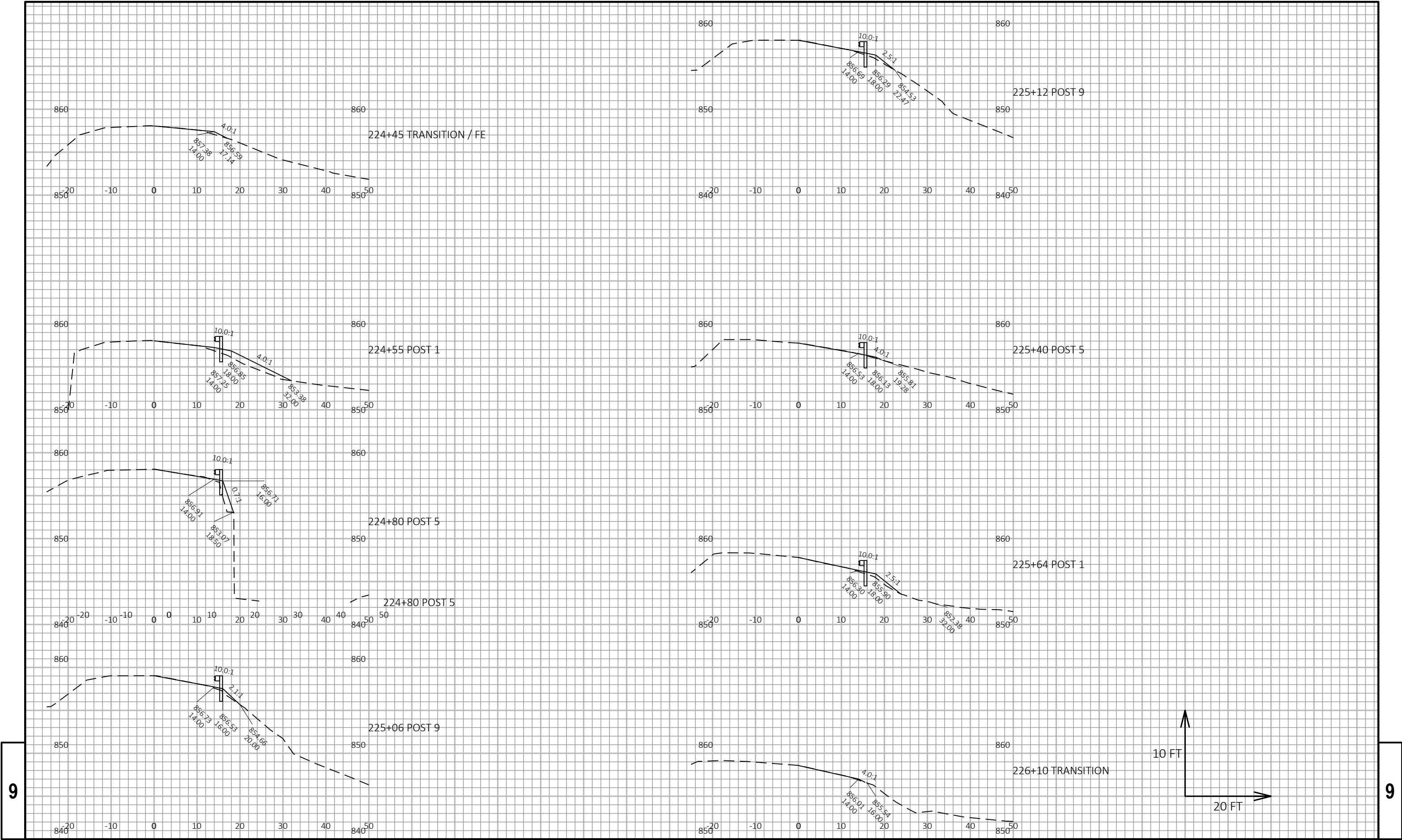
PLOT DATE : 1/22/2019 3:08 PM

PLOT BY : PETERSON, SHANE J

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

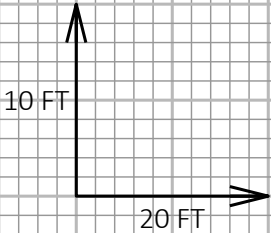
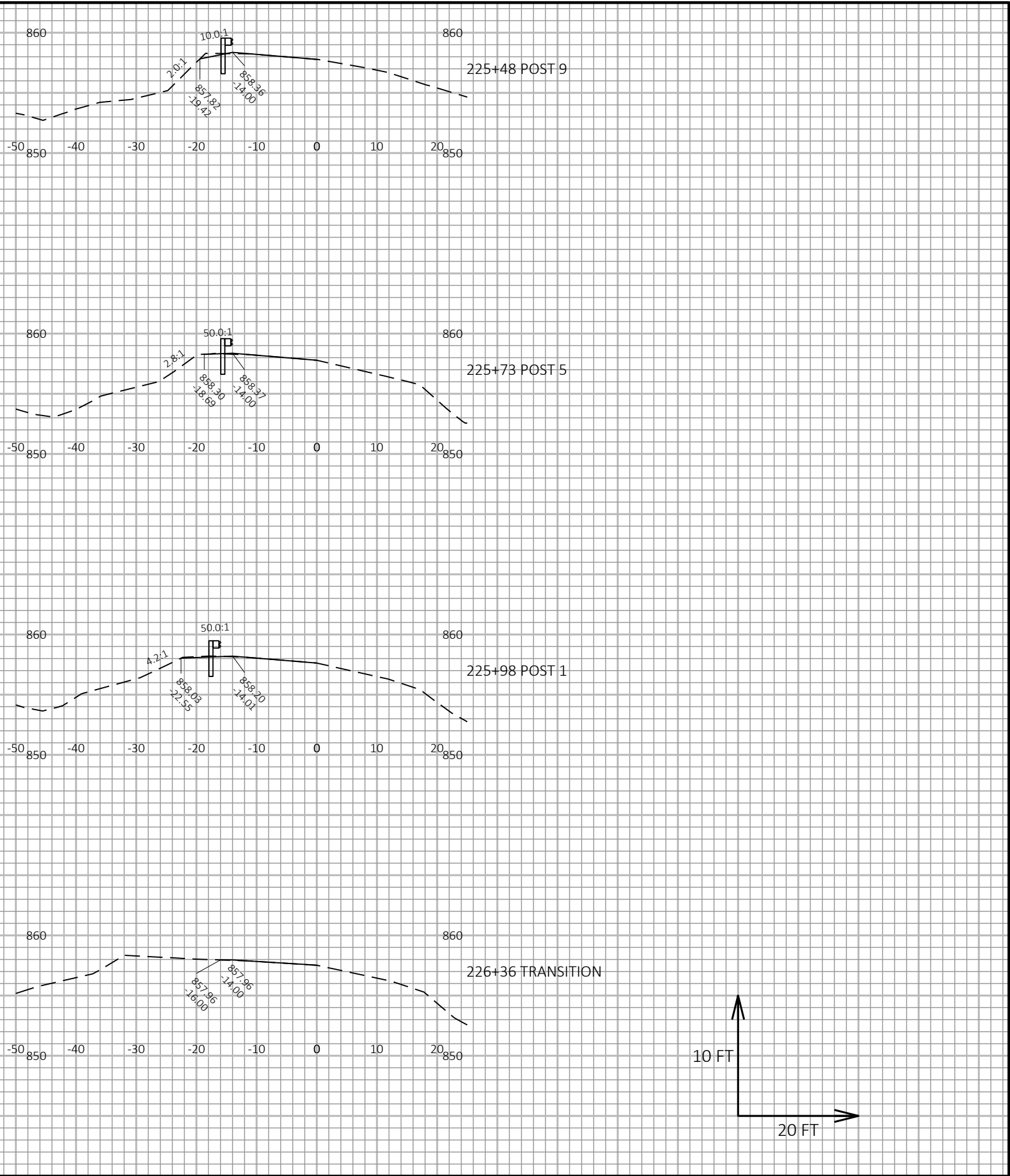
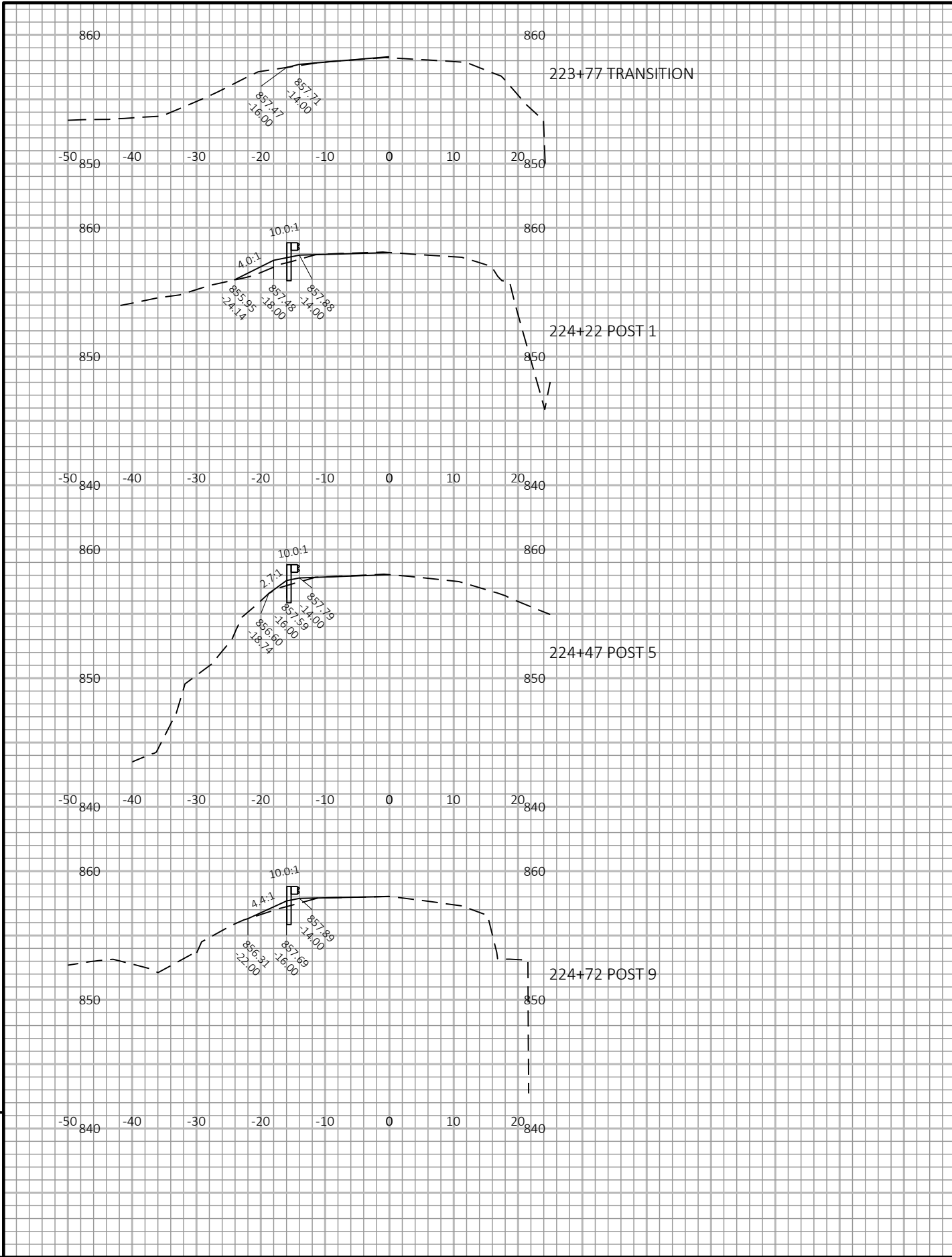
WISDOT/CADDS SHEET 49

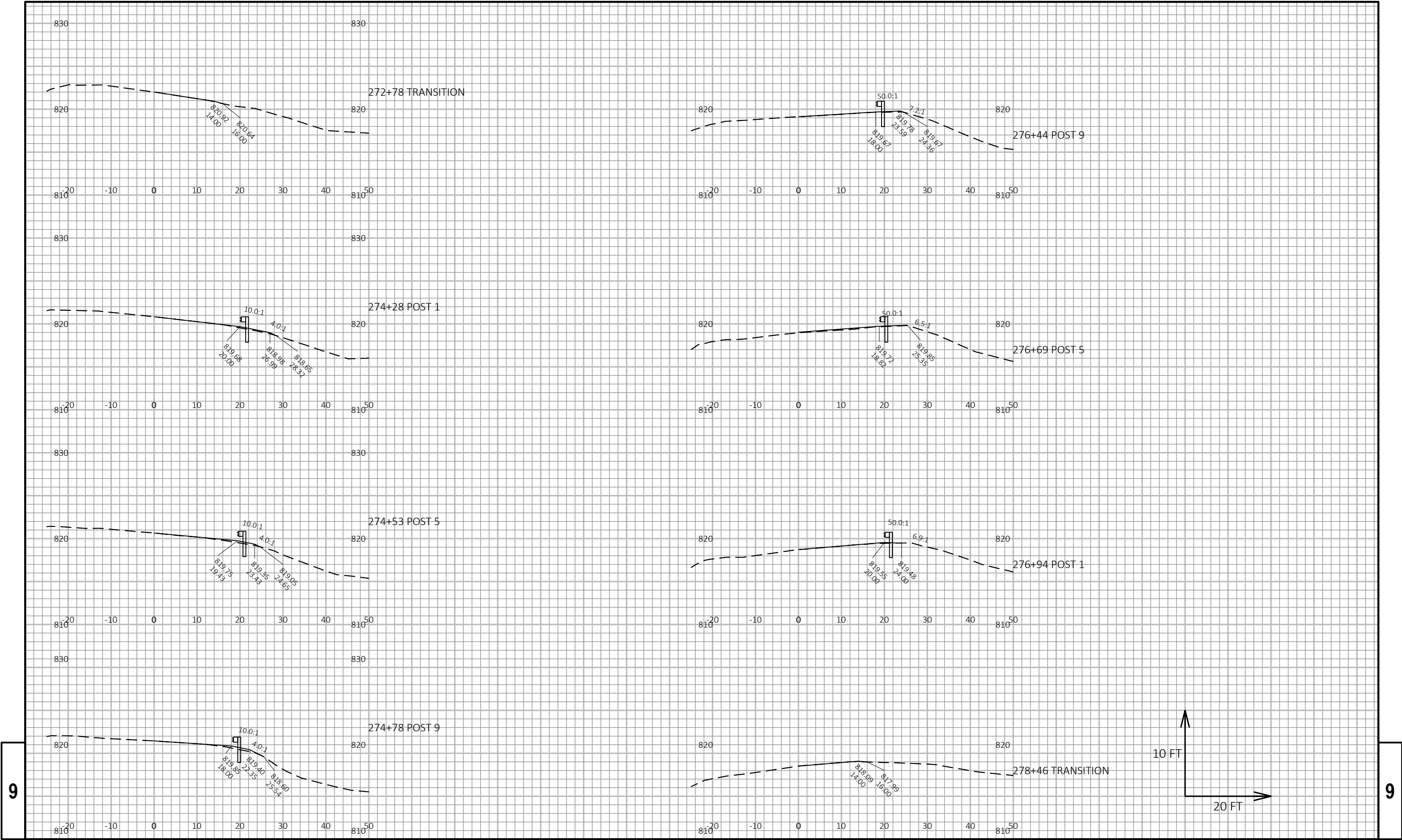


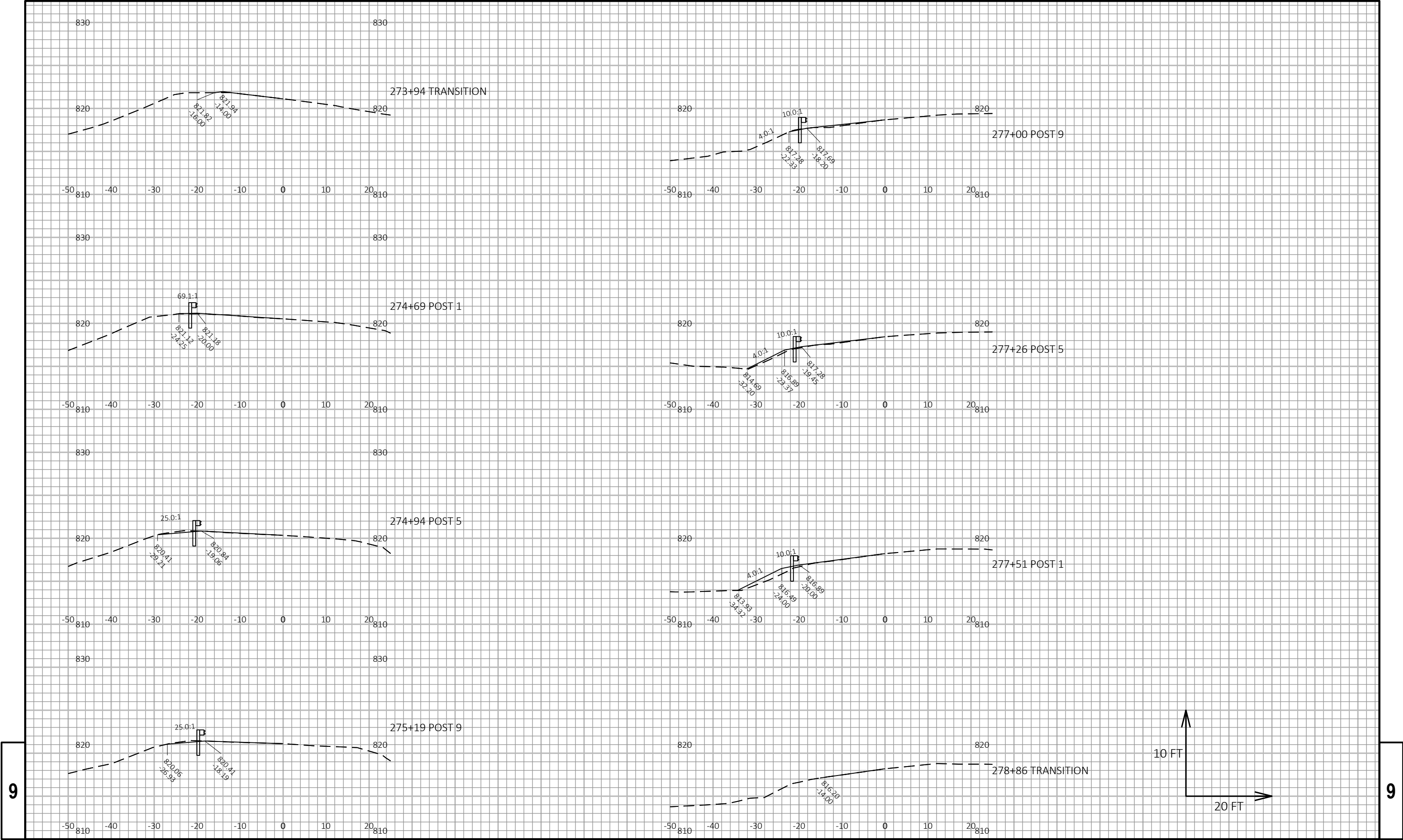
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PROJECT NO: 7930-08-70	HWY: STH 108	COUNTY: LA CROSSE	CROSS SECTIONS: GUARDRAIL SECTION 2 - RT	SHEET	E
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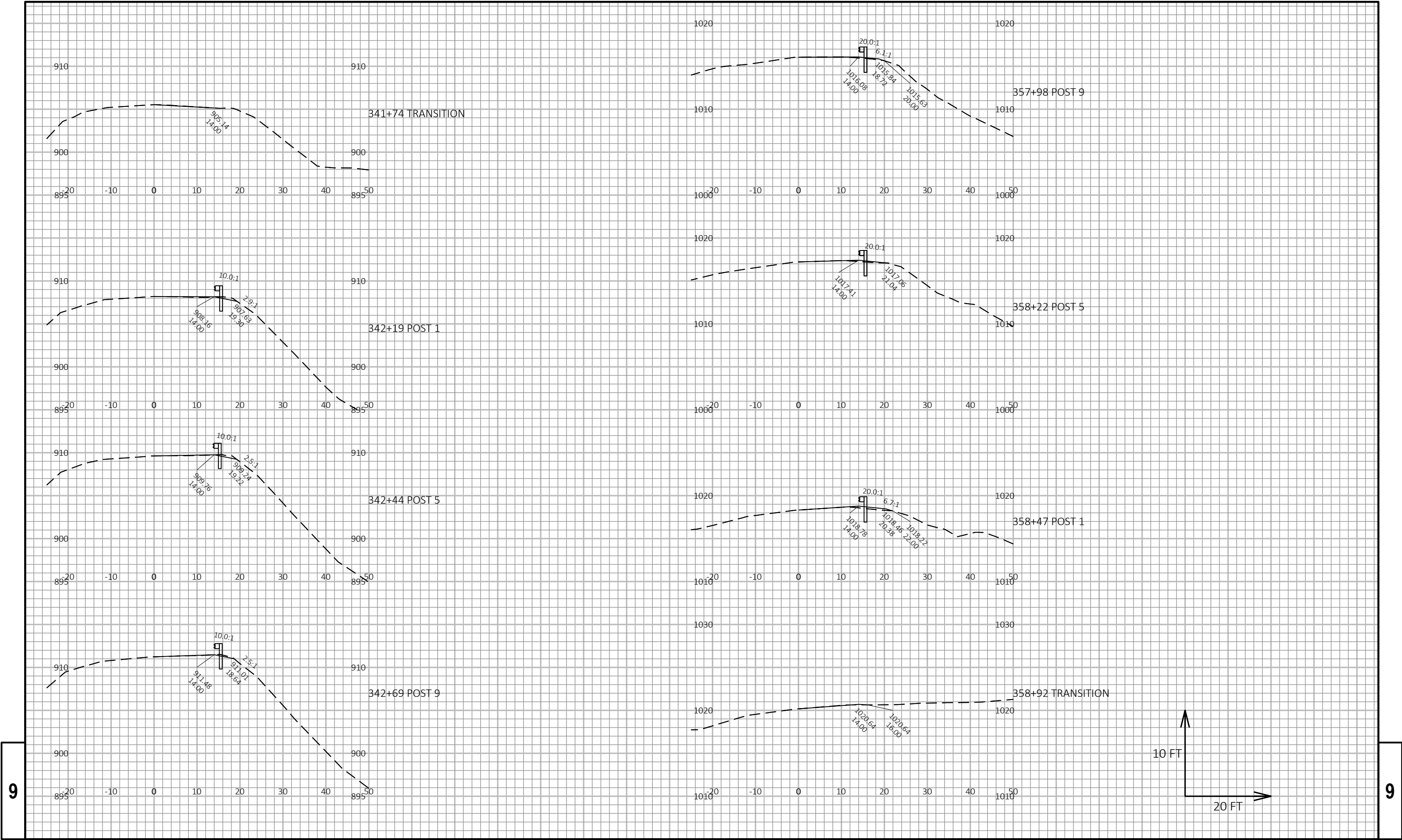


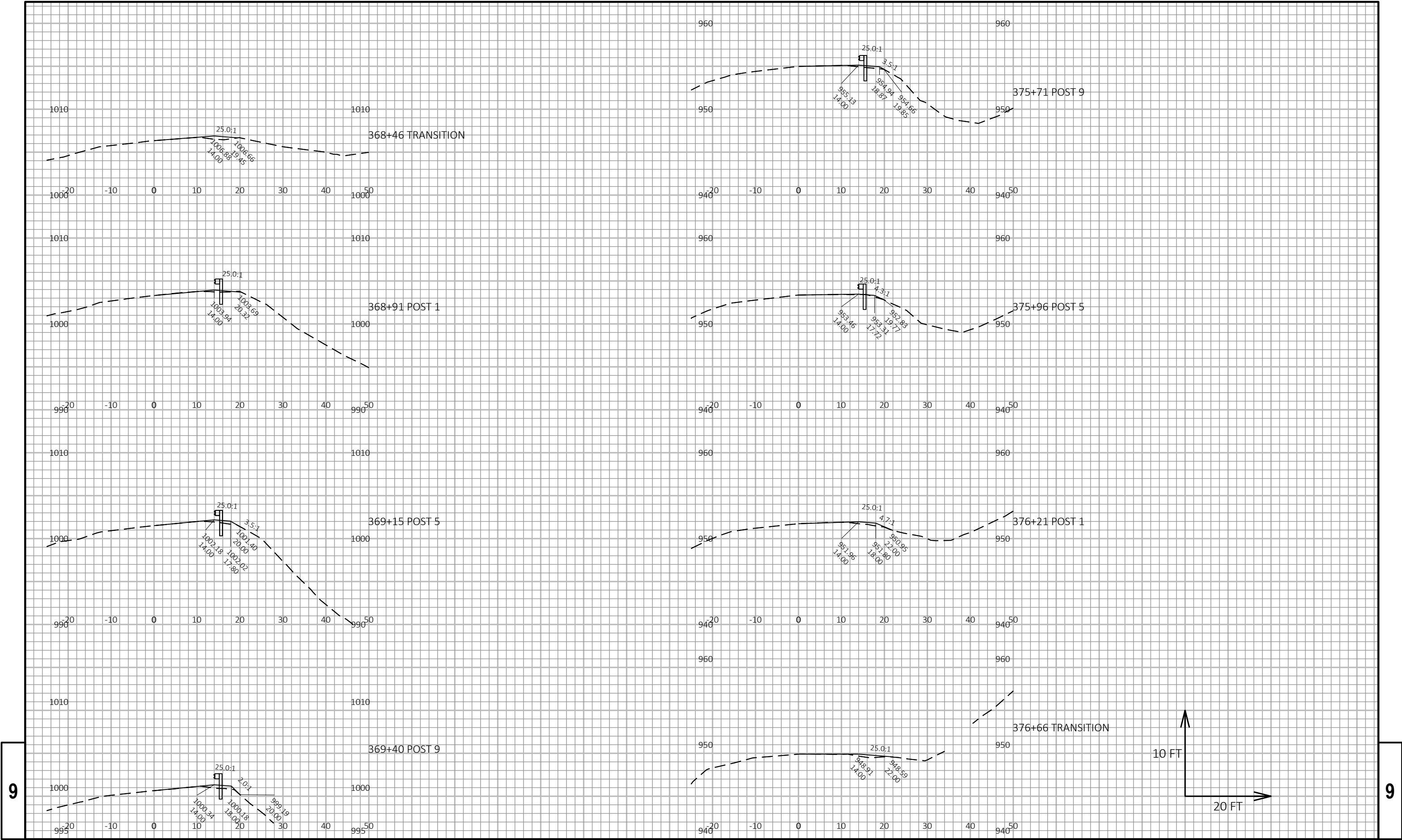




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PROJECT NO: 7930-08-70	HWY: STH 108	COUNTY: LA CROSSE	CROSS SECTIONS: GUARDRAIL SECTION 7 - RT	SHEET E
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