WIS

PROJECT ID: **1430-01-77**

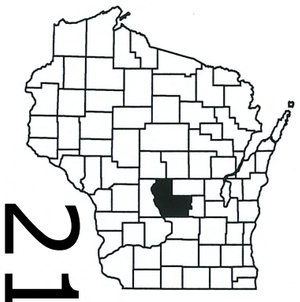
COUNTY: **ADAMS**

FEBRUARY 2021

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 = 240



21

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

MAUSTON - IH39

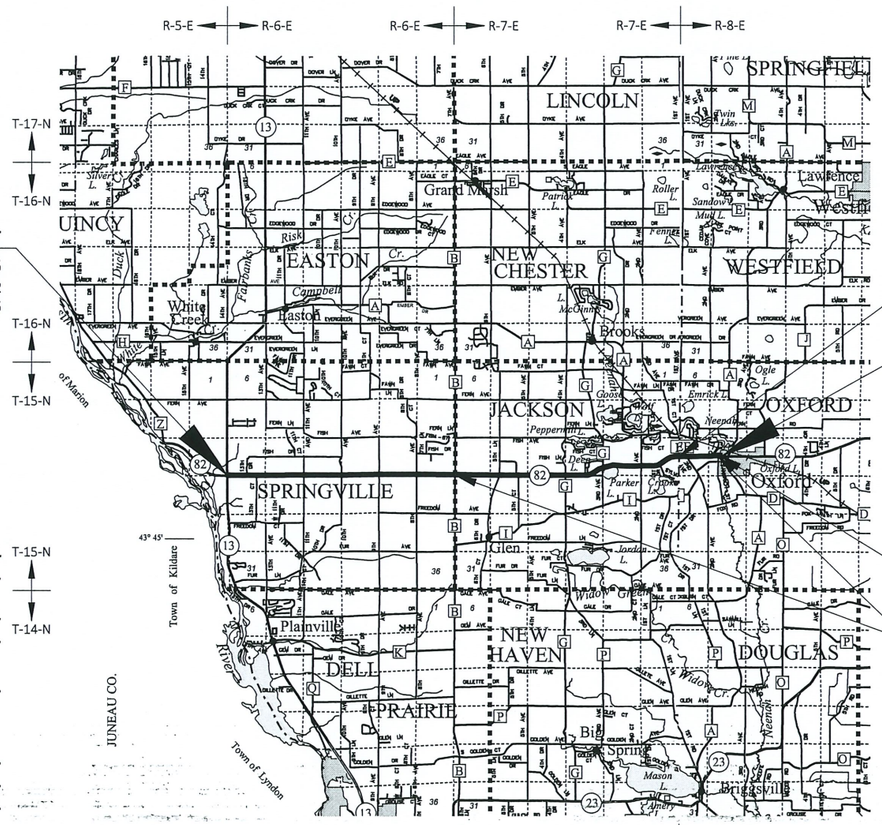
STH 13 TO CTH B

STH 82

ADAMS

STATE PROJECT NUMBER
1430-01-77

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1430-01-77	WISC 2021178	1



TOTAL NET LENGTH OF CENTERLINE = 6.088 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), ADAMS COUNTY & MARQUETTE 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.

DESIGN DESIGNATION

A.A.D.T.	(2024)	=	2100
A.A.D.T.	(2044)	=	2400
D.H.V.		=	14.7%
D.D.		=	61/39
T.		=	25.1%
DESIGN SPEED		=	55 MPH
ESALS		=	2,500,000

CONVENTIONAL SYMBOLS

PLAN		PROFILE	
CORPORATE LIMITS		GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	ROCK
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH	LABEL
EXISTING RIGHT OF WAY		GRADE ELEVATION	95.36
PROPOSED OR NEW R/W LINE		CULVERT (Profile View)	
SLOPE INTERCEPT		UTILITIES	
REFERENCE LINE	300'EB'	ELECTRIC	E
EXISTING CULVERT		FIBER OPTIC	FO
PROPOSED CULVERT (Box or Pipe)		GAS	G
COMBUSTIBLE FLUIDS	CAUTION	SANITARY SEWER	SAN
		STORM SEWER	SS
MARSH AREA		TELEPHONE	T
		WATER	W
		UTILITY PEDESTAL	
WOODED OR SHRUB AREA		POWER POLE	
		TELEPHONE POLE	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	NC REGION
Designer	MARIAH KRUEGER, P.E.
Project Manager	DANIEL HOLLOWAY, P.E.
Regional Examiner	CHERYL SIMON, P.E.
Regional Supervisor	NICHOLE LYSNE, P.E.

APPROVED FOR THE DEPARTMENT

DATE: 1/22/2020 (Signature)

E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\010101-TI.DWG PLOT DATE : 12/9/2019 2:14 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

GENERAL NOTES

CURVE DATA IS BASED ON THE ARC DEFINITION.

WHEN THE QUANTITY OF THE ITEMS OF BASE AGGREGATE, SUBBASE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYERS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WELL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER

CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING, FERTILIZING, AND PLACING MULCH/EROSION MAT ON ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY HIS OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

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.

PURSUANT TO CHAPTER 59 OF THE WISCONSIN STATUTES, THE CONTRACTOR SHALL CAREFULLY MAKE A SEARCH FOR EVIDENCE OF A LANDMARK IN ALL AREAS WHERE SUCH A LANDMARK MAY EXIST.

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

ASPHALT LAYER THICKNESS

MAINLINE BEGIN PROJECT	
LAYER	THICKNESS
UPPER	1.75"
MIDDLE	2.25"
LOWER	2.25"

SIDE ROADS	
LAYER	THICKNESS
UPPER	1.75"
LOWER	2.25"

UTILITIES

ATC MANAGEMENT, INC - ELECTRICITY
MIKE OLSEN
801 O'FEEFE RD
PO BOX 6113
DE PERE, WI 54115-6113
PHONE: (920) 338-6582
E-MAIL: MOLSEN@ATCLLC.COM

ADAMS-COLUMBIA ELECTRIC COOPERATIVE - ELECTRICITY
JOSH BERGER
401 E LAKE ST
PO BOX 70
FRIENDSHIP, WI 53934
PHONE: (608) 547-1384
E-MAIL: JBERGER@ACECWI.COM

FRONTIER COMMUNICATIONS OF WI LLC - COMMUNICATION LINE
RUSS RYAN
118 DIVISION ST
PLYMOUTH, WI 53073
PHONE: (920) 583-3275
E-MAIL: RUSSELL.W.RYAN@FTR.COM

DNR

BRAD BETTHAUSER
DNR WISCONSIN RAPIDS SERVICE CENTER
473 GRIFFITH AVE
WISCONSIN RAPIDS, WI 54494
PHONE: (715) 421-7851 WORK
PHONE: (715) 213-9063 MOBILE
E-MAIL: BRADLEY.BETTHAUSER@WISCONSIN.GOV

MARQUETTE ADAMS TELEPHONE COOP INC - COMMUNICATION LINE
JERRY SCHNEIDER
113 NORTH OXFORD ST
PO BOX 45
OXFORD, WI 53952
PHONE: (608) 586-4111
E-MAIL: JSCHNEIDER@MAADTELCO.COM

VILLAGE OF OXFORD - SEWER
STEVE MULLENS
129 S FRANKLIN AVENUE
PO BOX 122
OXFORD, WI 53952
PHONE: (608) 586-4100
E-MAIL: VOXWWTF@MAQS.NET

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

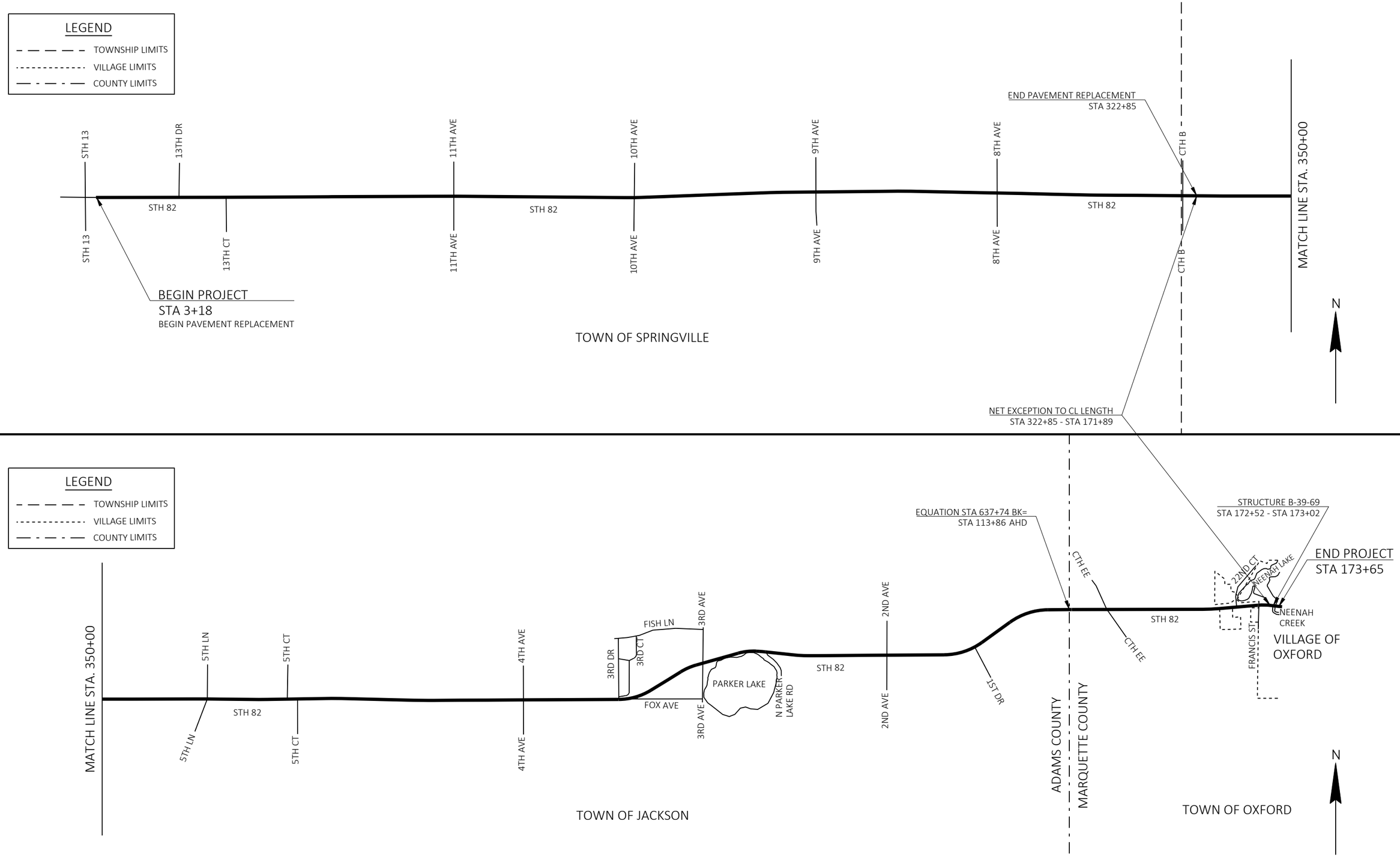
Runoff Coefficient Table

	Hydrologic Soil Group											
	A			B			C			D		
	Slope Range (Percent)											
Land Use	0 - 2	2 - 6	6 & Over	0 - 2	2 - 6	6 & Over	0 - 2	2 - 6	6 & Over	0 - 2	2 - 6	6 & Over
Row Crops	0.08 0.22	0.16 0.30	0.22 0.38	0.12 0.26	0.20 0.34	0.27 0.44	0.15 0.30	0.24 0.37	0.33 0.50	0.19 0.34	0.28 0.41	0.38 0.56
Median Strip-Turf	0.19 0.24	0.20 0.26	0.24 0.30	0.19 0.25	0.22 0.28	0.26 0.33	0.20 0.26	0.23 0.30	0.30 0.37	0.20 0.27	0.25 0.32	0.30 0.40
Side Slope Turf			0.25 0.32			0.27 0.34			0.28 0.36			0.30 0.38
Pavement												
Asphalt	0.70 - 0.95											
Concrete	0.80 - 0.95											
Brick	0.70 - 0.80											
Drives, Sidewalks	0.75 - 0.85											
Roofs	0.75 - 0.95											
Gravel Roads, Shoulders	0.40 - 0.60											

Total Project Area = 89 Acres
Total Area Expected To Be Disturbed By Construction Activities = 37 Acres

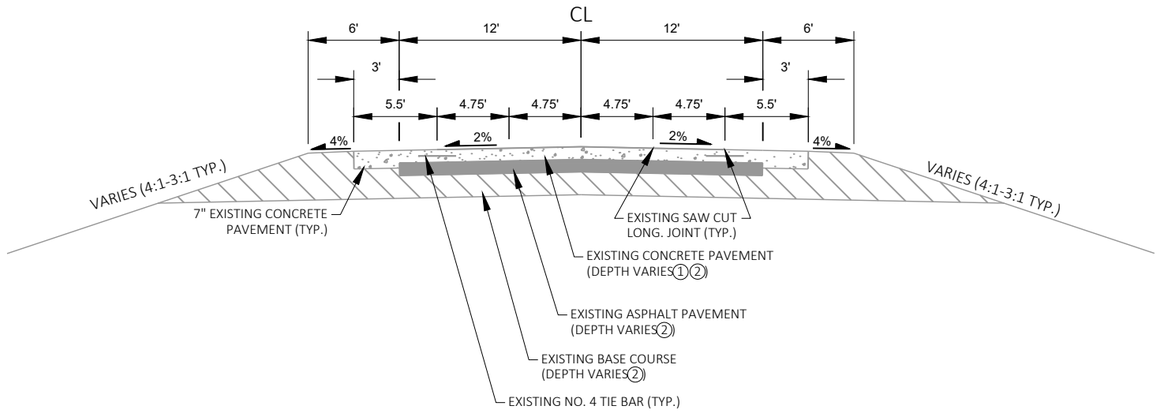
ROADWAY CORE SUMMARY TABLE

CORE #	APPROXIMATE STATION	OFFSET	PCC (IN)	ASPHALT (IN)	ROADMIX (IN)	BASE (IN)
18-82-C1	8+15	4' LT	5	5.5	1	5.5
18-82-C2	23+15	6' RT	5	4.25	2	5.5
18-82-C3	38+15	8' LT	4.5	3	--	5.5
18-82-C4	53+15	10' RT	4.5	2.25	--	4.5
18-82-C5	68+15	12' LT	8	--	--	5.5
18-82-C6	83+15	14' RT	8.5	--	--	5.5
18-82-C7	98+15	5' LT	5.5	4	--	5.5
18-82-C8	113+15	7' RT	6.75	3.75	--	5.5
18-82-C9	128+15	9' LT	6	3	--	5.5
18-82-C10	143+15	11' RT	6	3	--	5.5
18-82-C11	158+15	13' LT	5.75	3.5	--	6
18-82-C12	173+15	4' RT	6	3.25	--	5.5
18-82-C13	188+15	6' LT	4.25	2.5	1.5	5.5
18-82-C14	203+15	8' RT	5.25	4.25	--	5.5
18-82-C15	218+15	12' LT	7	--	--	6.5
18-82-C16	233+15	10' RT	7.5	--	--	5.5
18-82-C17	248+15	14' LT	7.75	--	--	5
18-82-C18	263+15	5' RT	4.25	3.25	1	5.5
18-82-C19	278+15	7' LT	5	3.75	--	5.5
18-82-C20	293+15	9' RT	5.75	1.5	--	5.5
18-82-C21	308+15	11' LT	6.75	1.25	--	5.5



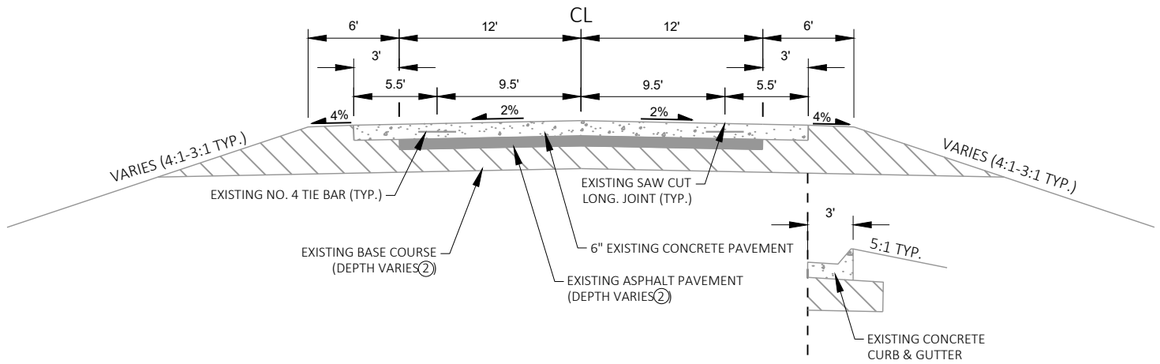
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PROJECT OVERVIEW	SHEET 3 E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\020201-PO.DWG
LAYOUT NAME - Project Overview
PLOT DATE : 12/9/2019 2:15 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:0.5 MI
WISDOT/CADDS SHEET 44



EXISTING TYPICAL SECTION

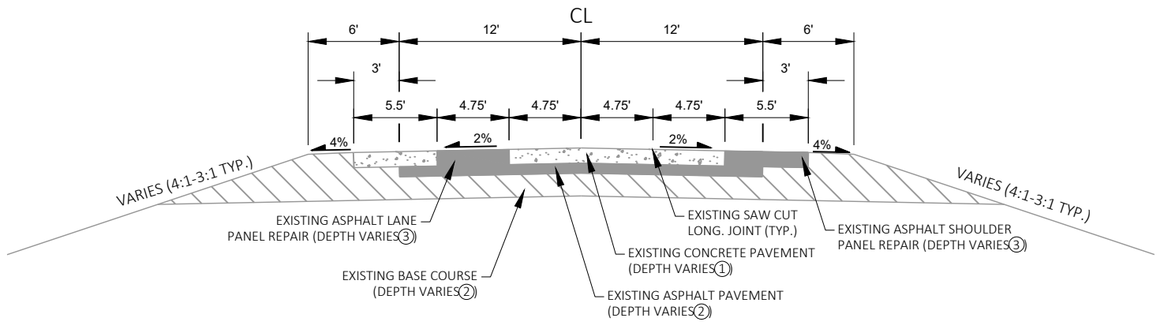
STA. 3+18 - STA. 107+54
STA. 187+54 - STA. 322+85



EXISTING TYPICAL SECTION

STA. 107+54 - STA. 187+54

STA. 159+58 - STA. 161+24 RT



EXISTING TYPICAL SECTION - ASPHALT REPAIRS

VARIOUS LOCATIONS

① 5" - STA. 4+75 - STA.107+54
STA. 187+54 - STA. 322+85

9" - STA. 3+18 - STA. 4+75

NOTE: THERE ARE AREAS OF TRANSITION BETWEEN THICKNESSES

② SEE ROADWAY CORE SUMMARY TABLE FOR EXISTING CONCRETE, ASPHALT, AND BASE AGGREGATE THICKNESS

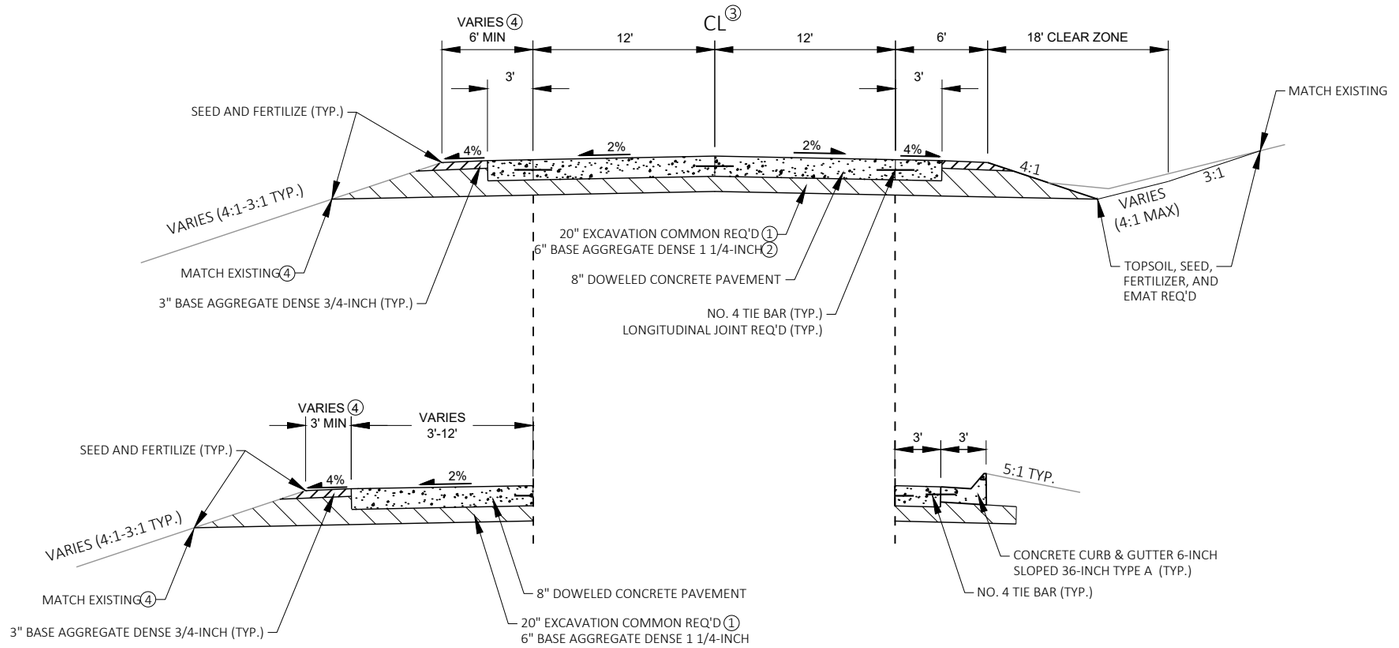
③ ASPHALT REPAIR DEPTH MATCHES CONCRETE PAVEMENT DEPTH, WHICH VARIES FROM 5" TO 9"

ADDITIONAL NOTES:

EXAMPLE OF A LANE PANEL REPAIR AND A SHOULDER PANEL REPAIR SHOWN. OTHER REPAIRS SHOULD BE SIMILAR.

INTERSECTIONS AND SIDE ROADS WITHIN PROJECT LIMITS ARE ASSUMED TO HAVE A SIMILAR EXISTING TYPICAL SECTION TO MAINLINE

2



STA. 3+18 - STA. 4+85 LT
STA. 314+76 - STA. 319+85 RT
STA. 317+37 - STA. 322+35 LT

STA. 159+65 - STA. 161+24 RT

① MEASURED FROM TOP OF EXISTING CONCRETE. DEPTH INCLUDES EXISTING CONCRETE AND ASPHALT PAVEMENT. ADDITIONAL EXCAVATION MAY BE REQUIRED AS DIRECTED BY THE ENGINEER TO REMOVE POOR BASE MATERIAL.

② ADJUST BASE THICKNESS AS NECESSARY TO ACHIEVE DESIRED PROFILE/PAVEMENT GRADES

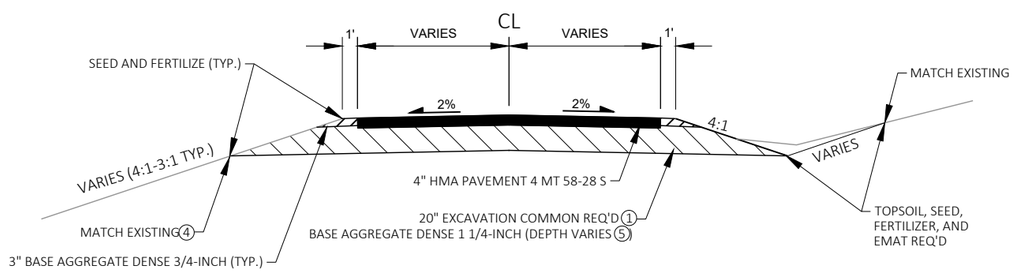
③ PROPOSED CENTERLINE PROFILE TO BE 6" LOWER (TYPICAL) THAN EXISTING CENTERLINE PROFILE. SEE PLAN & PROFILE SHEETS

④ EXTEND AGGREGATE SHOULDER AND SUBGRADE SHOULDER POINT TO MEET EXISTING SIDE SLOPES WHERE POSSIBLE. SEE CROSS SECTIONS.

⑤ ADJUST BASE THICKNESS AS NECESSARY TO ACHIEVE DESIRED ROADWAY PROFILE. MINIMUM 8" REQUIRED

PROPOSED TYPICAL SECTION

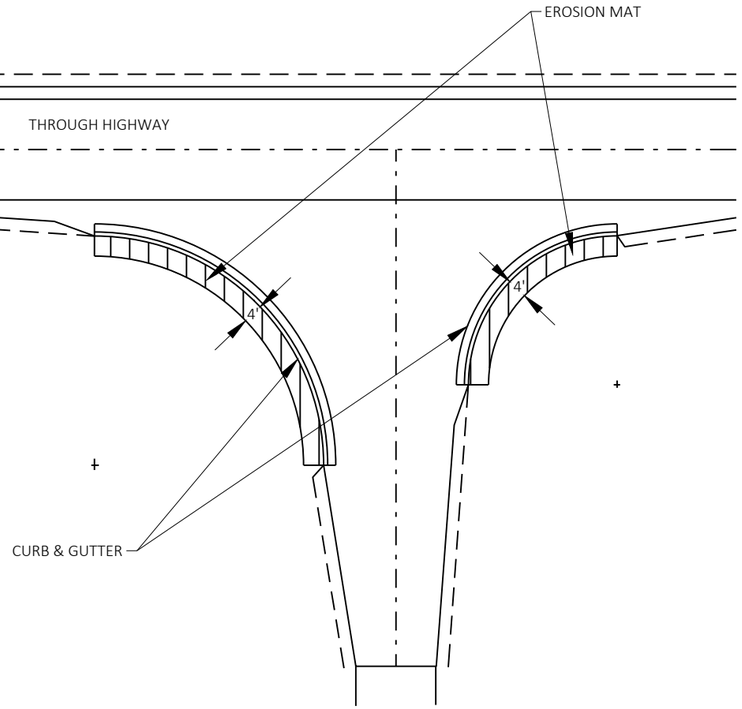
STA. 3+18 - STA. 322+85



PROPOSED TYPICAL SECTION

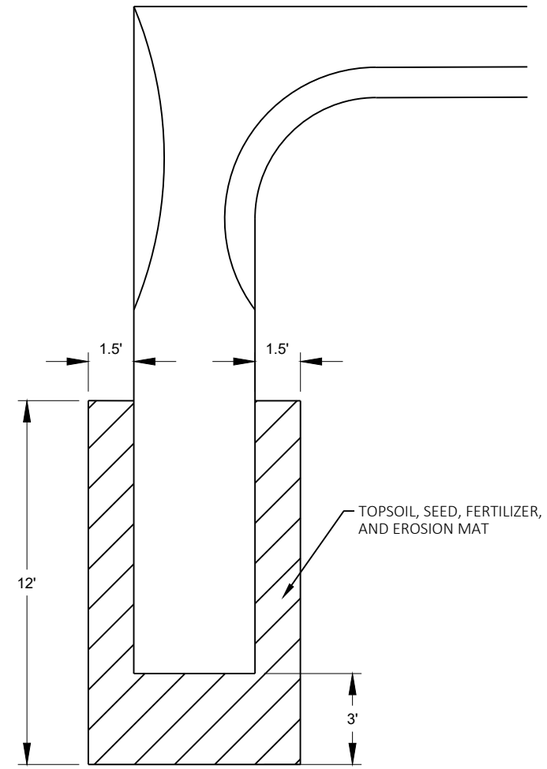
INTERSECTIONS AND SIDE ROADS

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN: TYPICAL SECTIONS	SHEET 5	E



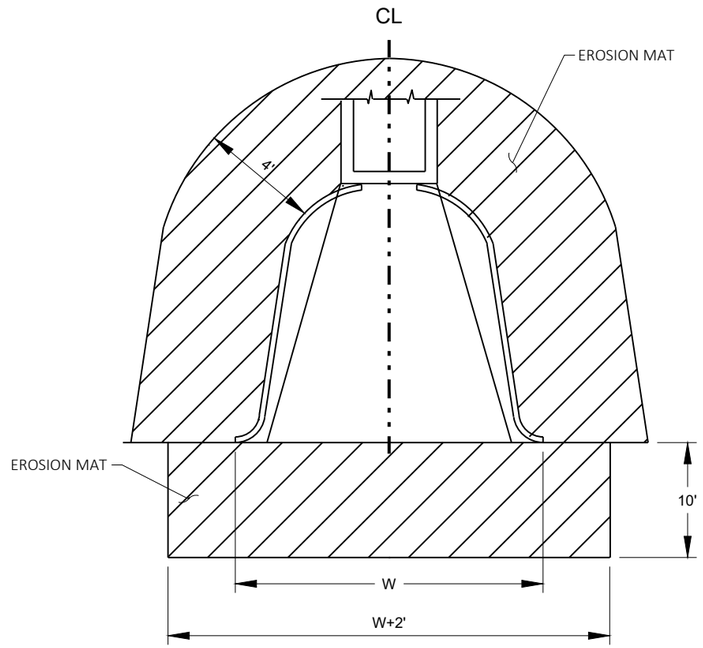
EROSION MAT DETAIL AT RURAL INTERSECTIONS

10TH AVE (SOUTH)
CTH B

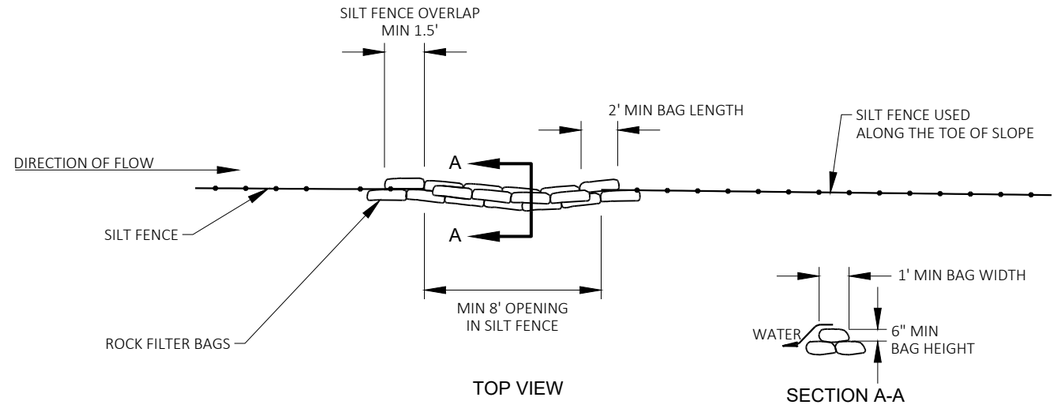


EROSION CONTROL AT FLUME ENDS

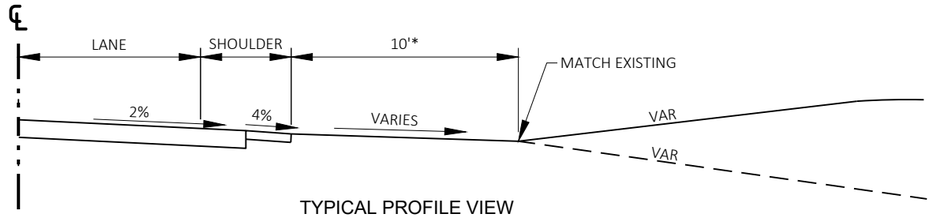
STA 317+80 RT
STA 49+35"BS" RT
STA 50+65"BN" LT
STA 50+90"BN" RT



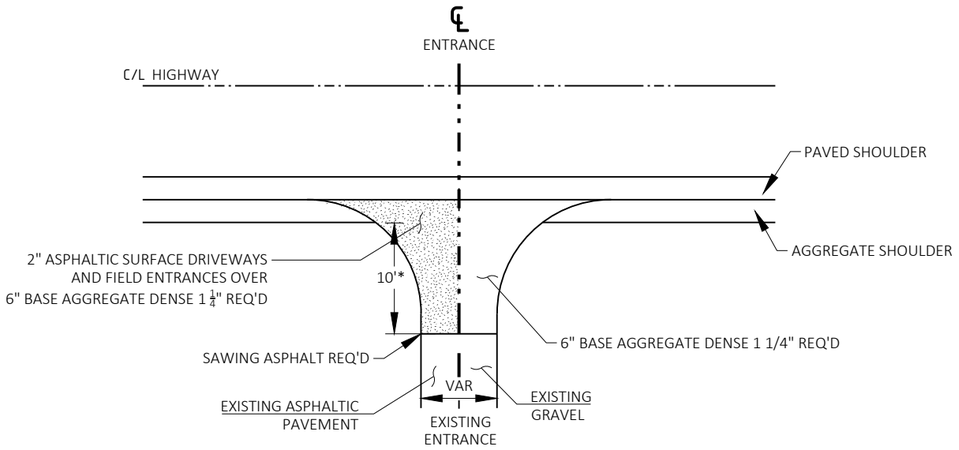
EROSION CONTROL AT PIPE ENDS



ROCK BAGS USED FOR SILT FENCE RELIEF



TYPICAL PROFILE VIEW

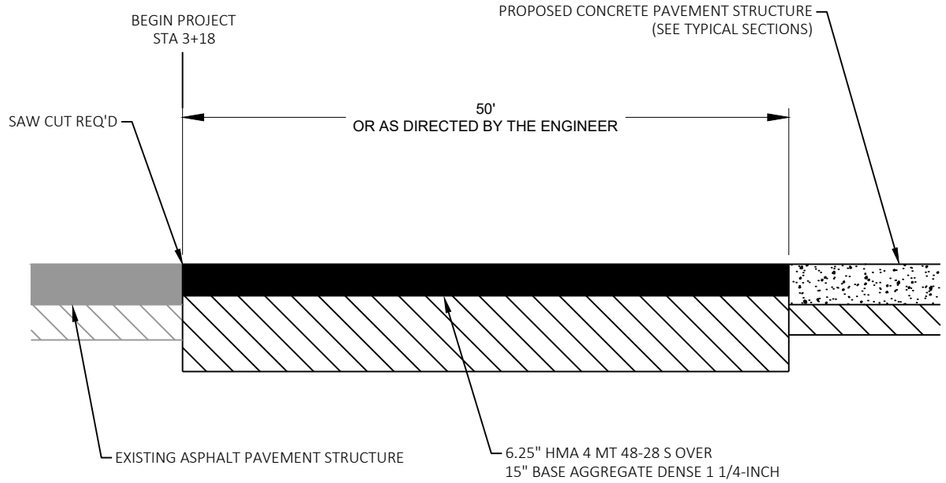


MATCH EXISTING DRIVEWAY RADII AND WIDTH

*STA 38+15 LT = 20'
STA 67+75 RT = 20'
STA 238+45 LT = 15'
OR AS DIRECTED BY THE ENGINEER

PLAN VIEW

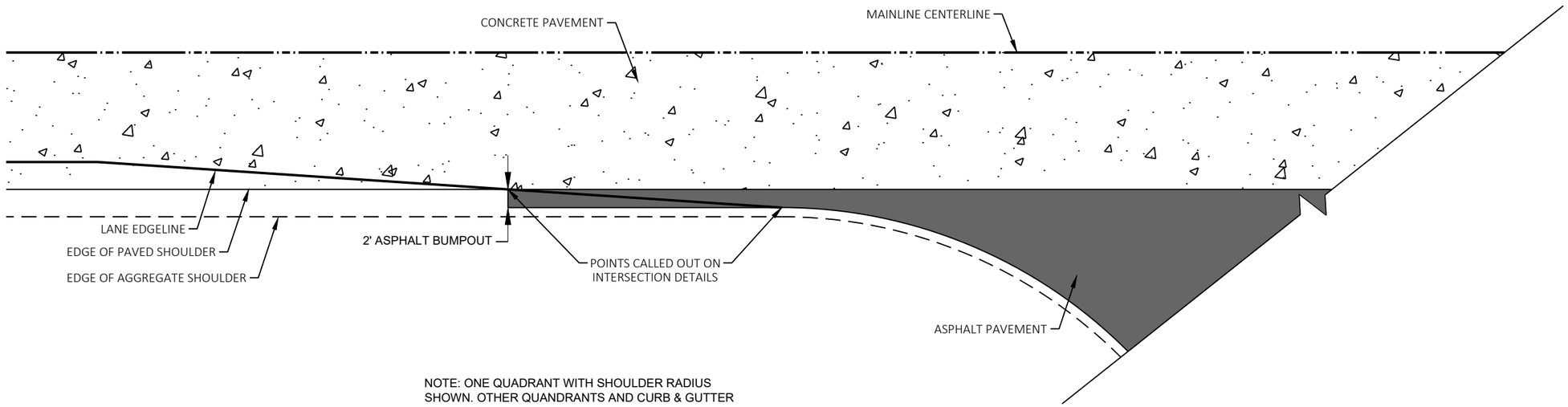
DRIVEWAY DETAIL



BEGIN PROJECT DETAIL

STA 3+18

2



NOTE: ONE QUADRANT WITH SHOULDER RADIUS SHOWN. OTHER QUANDRANTS AND CURB & GUTTER RADII SHOULD BE SIMILAR

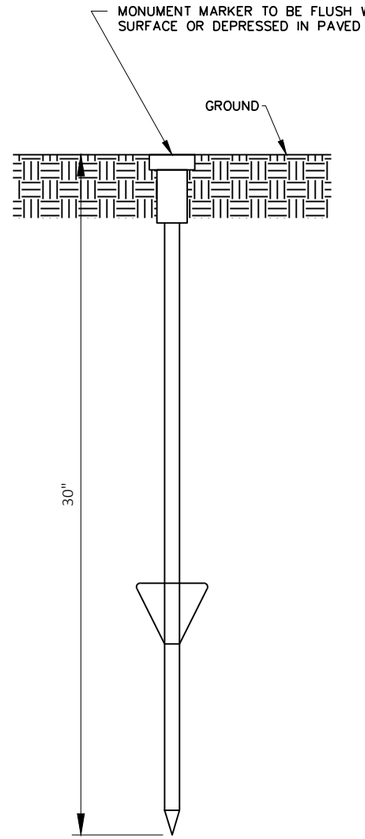
DETAIL OF PAVEMENT AT INTERSECTIONS

13TH DR
13TH CT
11TH AVE
10TH AVE
9TH AVE
8TH AVE

2

WIS DOT MONUMENT CAP MARKER LOGO (SSDR130)

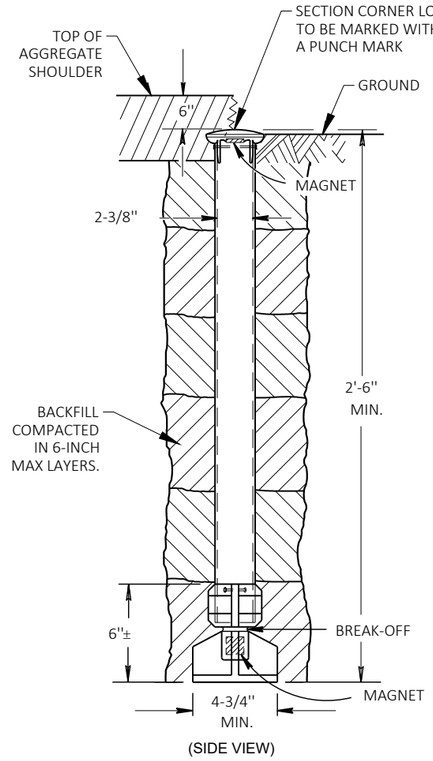
CONTRACTOR TO ORDER LANDMARK REFERENCE MONUMENTS WITH THE ABOVE STAMPING



(FRONT VIEW)

BERNSTEN DRIVABLE MONUMENT SSDR130

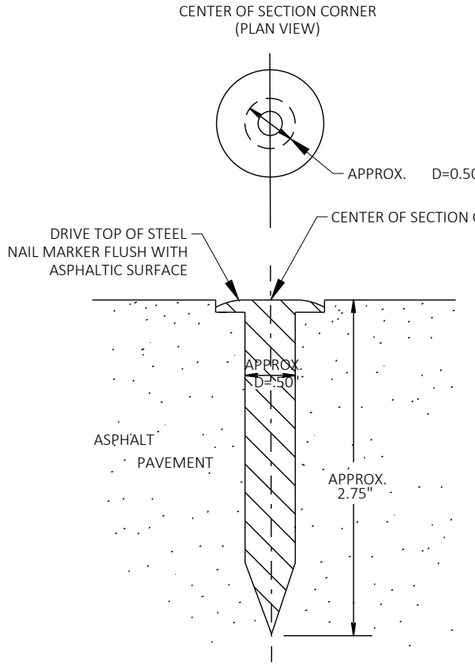
LANDMARK REFERENCE MONUMENT (TIES ONLY)



(SIDE VIEW)

OUTSIDE OF PAVEMENT

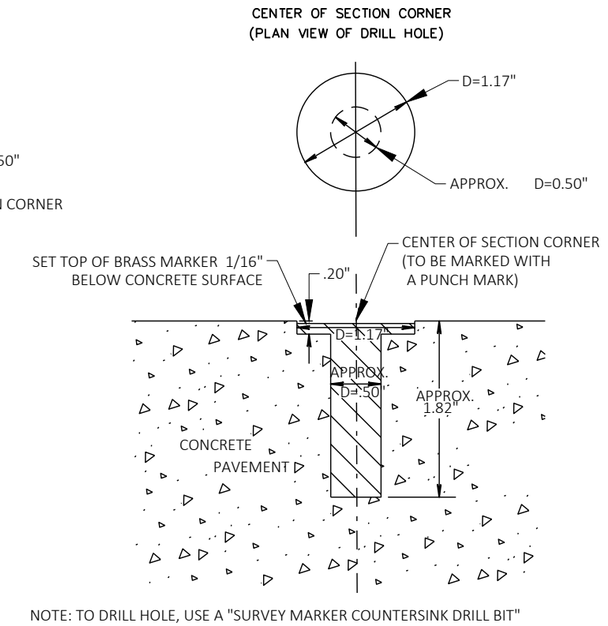
BERNTSEN A1BR30 ALUMINUM BREAK-OFF MONUMENT



(SIDE VIEW)

IN ASPHALTIC PAVEMENT

BERNTSEN SNM1 STEEL NAIL MARKER



NOTE: TO DRILL HOLE, USE A "SURVEY MARKER COUNTERSINK DRILL BIT" ITEM #BPMDRL, AVAILABLE FROM BERNTSEN INTERNATIONAL INC.

(SIDE VIEW OF DRILL HOLE)

IN CONCRETE PAVEMENT

BERNTSEN BP - 1 BRASS MARKER WITH ANCHOR PLUG

SECTION CORNER MONUMENTS

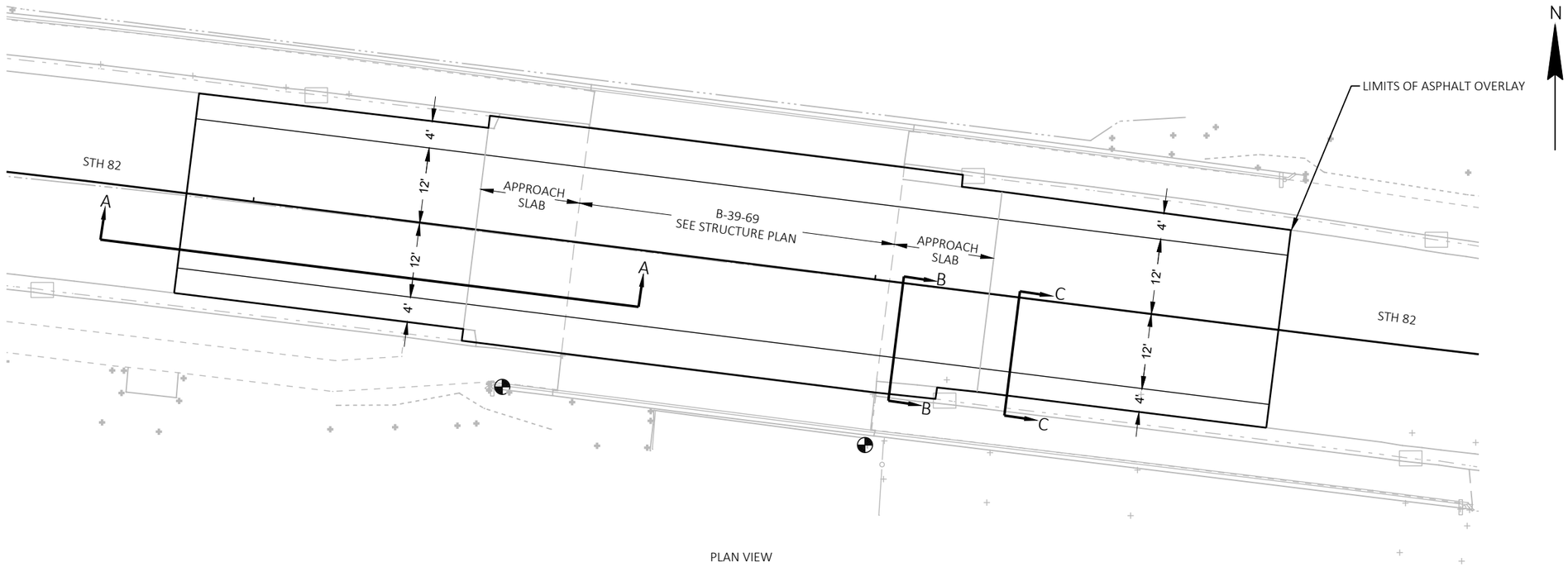
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

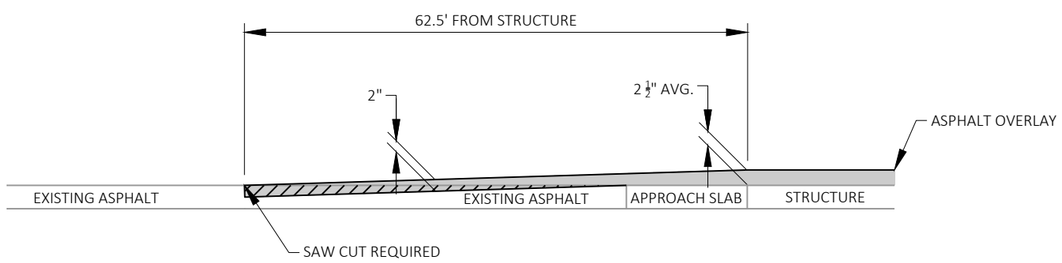
LOCATE LANDMARK REFERENCE MONUMENTS OUTSIDE THE CONSTRUCTION LIMITS AND WITHIN WISDOT RIGHT OF WAY. LOCATION TO BE APPROVED BY THE ENGINEER.

CONTRACTOR WILL SUPPLY ALL REQUIRED SURVEY MONUMENTS.

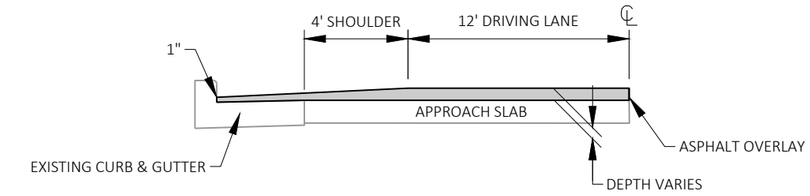
SECTION CORNER MONUMENT AND LANDMARK REFERENCE MONUMENT DETAIL



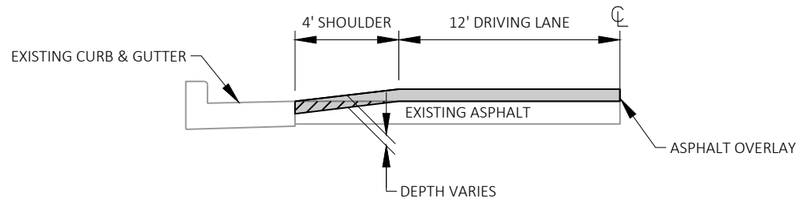
PLAN VIEW



SECTION A-A



SECTION B-B



SECTION C-C

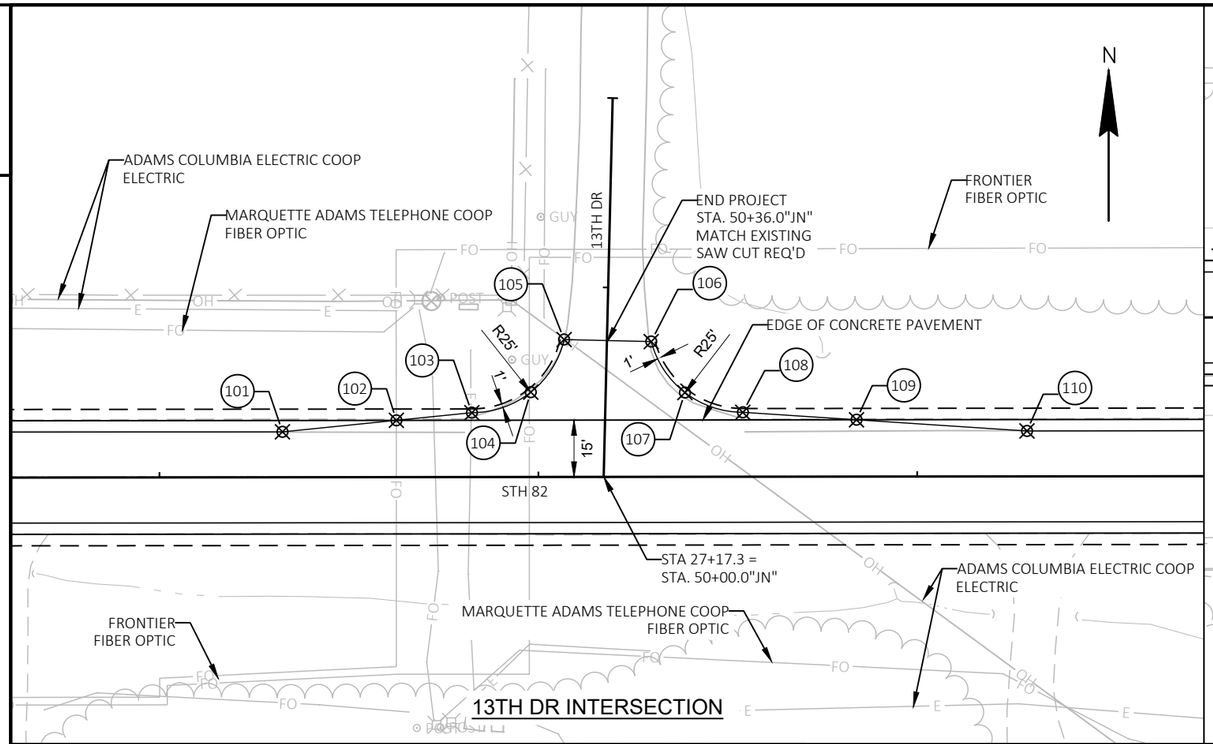
REMOVING ASPHALTIC SURFACE BUTT JOINT

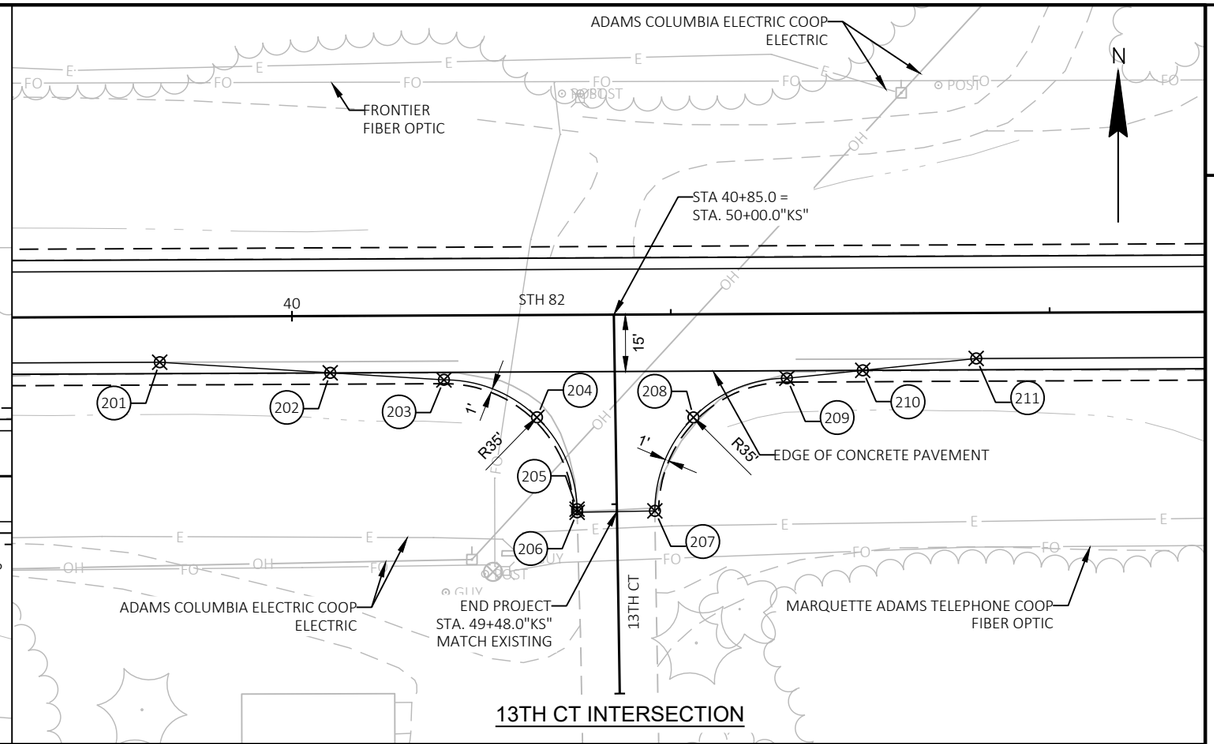
NOTE: SECTIONS ARE TYPICAL FOR BOTH APPROACHES

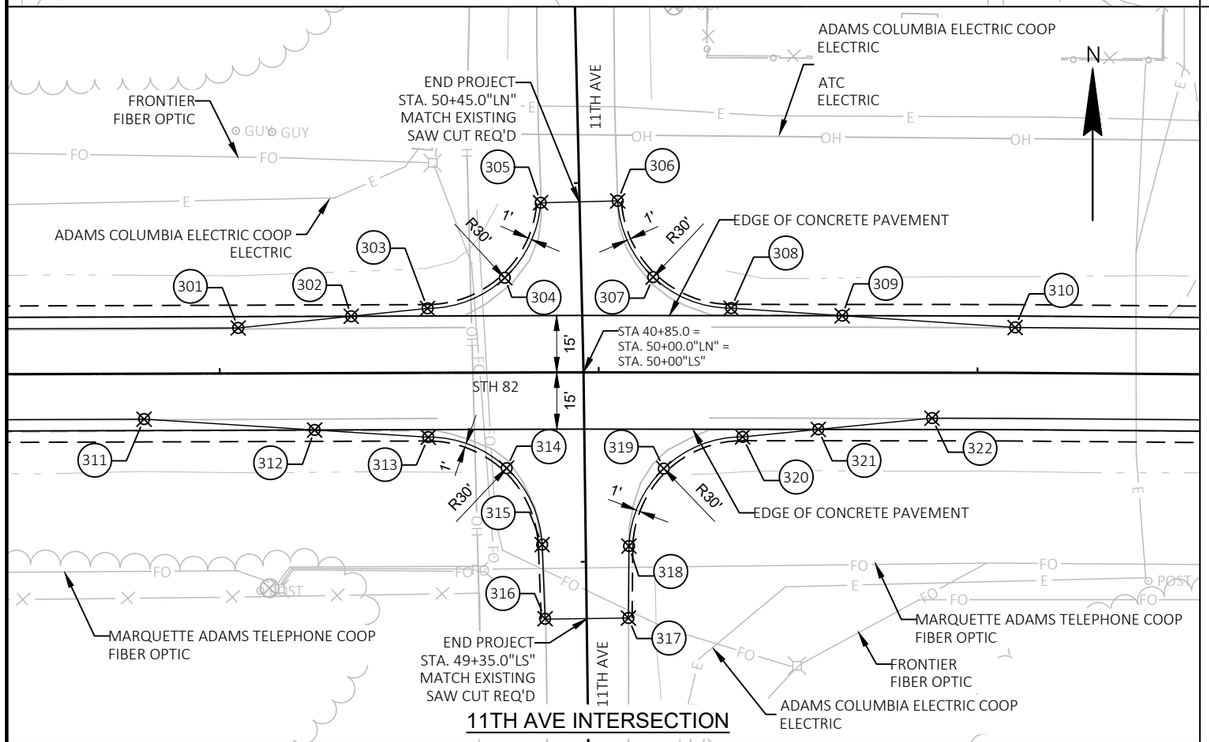
B-39-69 OVERLAY DETAIL

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CONSTRUCTION DETAILS	SHEET 11	E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\021002-CD.DWG
LAYOUT NAME - Plan 1 IN 20 FT
PLOT DATE : 12/3/2019 2:01 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42





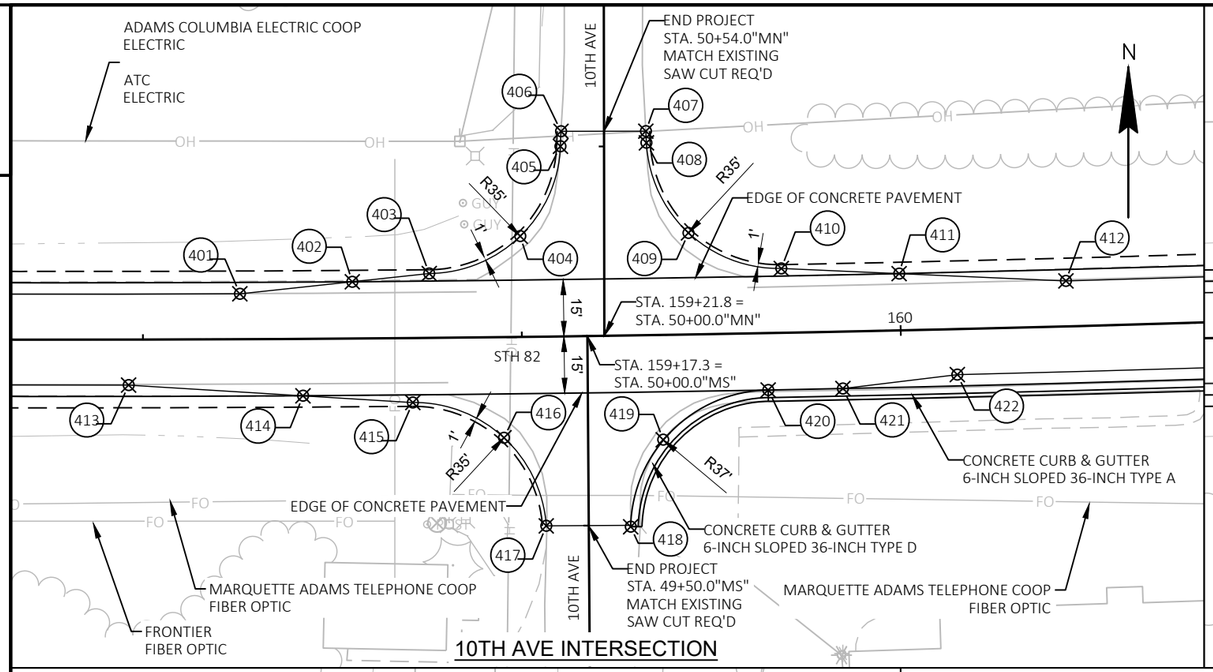


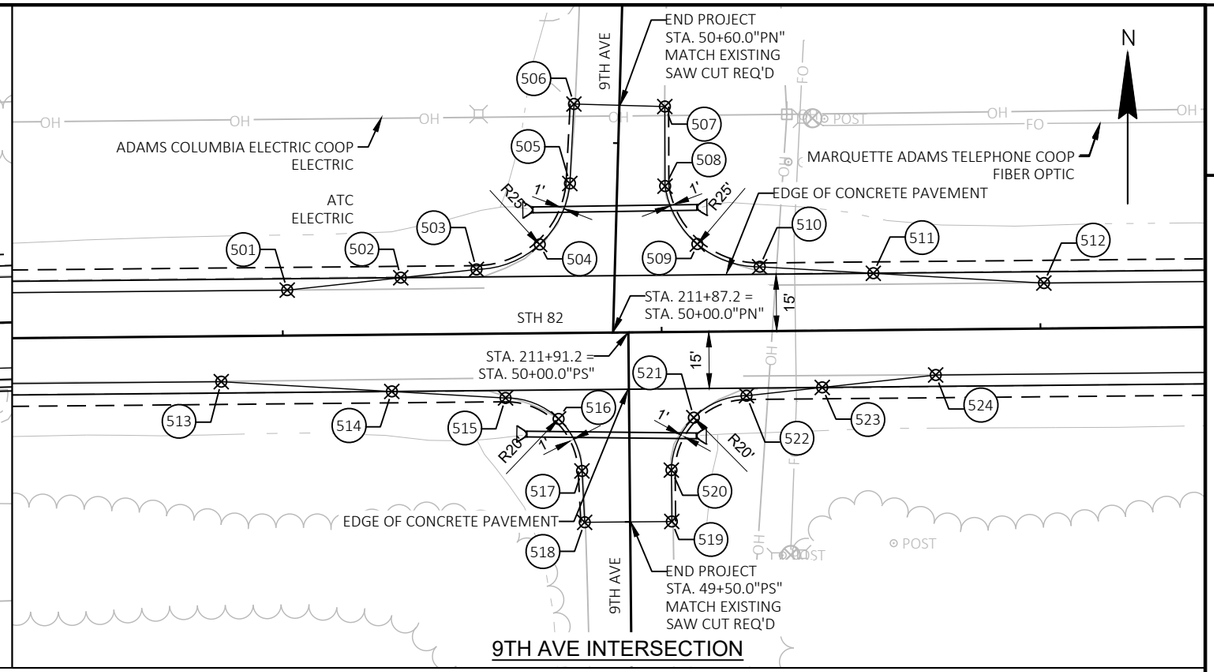
INTERSECTION DETAIL POINTS						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEV	DESCRIPTION
101	26+32.5	12.0 LT	148744.26	528505.30	906.0	EDGE OF LANE
102	26+62.5	15.0 LT	148747.30	528535.36	905.5	EDGE OF CONCRETE
103	26+82.5	17.0 LT	148749.31	528555.30	905.2	EDGE OF ASPHALT
104	50+21.9"JN"	19.8 LT	148754.72	528570.83	904.7	EDGE OF ASPHALT
105	50+36.0"JN"	11.3 LT	148768.62	528579.64	903.9	EDGE OF ASPHALT
106	50+36.0"JN"	11.7 RT	148768.08	528602.62	904.0	EDGE OF ASPHALT
107	50+22.8"JN"	20.9 RT	148754.62	528611.53	904.4	EDGE OF ASPHALT
108	27+54.0	17.0 LT	148749.41	528626.80	904.6	EDGE OF ASPHALT
109	27+84.0	15.0 LT	148747.44	528656.82	904.5	EDGE OF CONCRETE
110	28+29.0	12.0 LT	148744.50	528701.81	904.6	EDGE OF LANE
201	39+65.0	12.0 RT	148722.03	529837.94	947.5	EDGE OF LANE
202	40+10.0	15.0 RT	148719.24	529882.95	948.1	EDGE OF CONCRETE
203	40+40.0	17.0 RT	148717.38	529912.95	948.3	EDGE OF ASPHALT
204	49+73.2"KS"	20.7 LT	148707.49	529937.50	948.8	EDGE OF ASPHALT
205	49+48.8"KS"	10.5 LT	148683.25	529948.11	950.2	EDGE OF ASPHALT
206	49+48.0"KS"	10.5 LT	148682.43	529948.12	950.3	EDGE OF ASPHALT
207	49+48.1"KS"	10.0 RT	148682.81	529968.64	950.8	EDGE OF ASPHALT
208	49+72.6"KS"	20.6 RT	148707.47	529978.82	949.0	EDGE OF ASPHALT
209	41+30.6	17.0 RT	148717.80	530003.48	949.1	EDGE OF ASPHALT
210	41+50.6	15.0 RT	148719.90	530023.50	949.3	EDGE OF CONCRETE
211	41+80.6	12.0 RT	148723.03	530053.45	949.6	EDGE OF LANE
301	106+04.9	12.0 LT	148776.77	536477.63	974.8	EDGE OF LANE

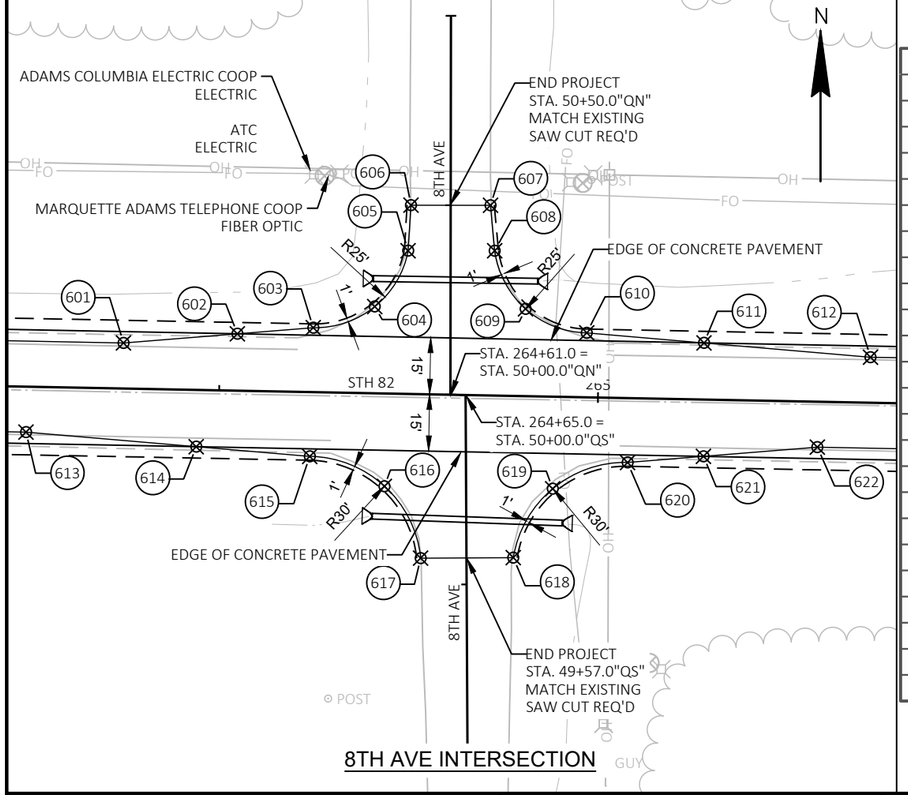
INTERSECTION DETAIL POINTS						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEV	DESCRIPTION
302	106+34.7	15.0 LT	148779.85	536507.46	974.9	EDGE OF CONCRETE
303	106+54.9	17.0 LT	148781.93	536527.61	974.9	EDGE OF ASPHALT
304	50+25.4"LN"	20.2 LT	148790.01	536548.00	974.9	EDGE OF ASPHALT
305	50+45.0"LN"	10.3 LT	148809.80	536557.44	974.7	EDGE OF ASPHALT
306	50+45.0"LN"	10.1 RT	148810.28	536577.79	974.6	EDGE OF ASPHALT
307	50+24.7"LN"	18.9 RT	148790.17	536587.15	974.9	EDGE OF ASPHALT
308	107+35.0	17.0 LT	148781.99	536607.74	975.2	EDGE OF ASPHALT
309	107+64.3	15.0 LT	148779.99	536637.07	975.5	EDGE OF CONCRETE
310	108+09.8	12.0 LT	148776.88	536682.70	975.7	EDGE OF LANE
311	105+80.0	12.0 RT	148752.69	536452.79	974.7	EDGE OF LANE
312	106+25.0	15.0 RT	148749.83	536497.80	974.8	EDGE OF CONCRETE
313	106+55.0	17.0 RT	148747.93	536527.80	974.9	EDGE OF ASPHALT
314	49+75.0"LS"	20.6 LT	148739.75	536548.48	975.0	EDGE OF ASPHALT
315	49+54.7"LS"	11.5 LT	148719.59	536557.85	975.3	EDGE OF ASPHALT
316	49+35.0"LS"	11.0 LT	148700.02	536558.63	975.6	EDGE OF ASPHALT
317	49+35.0"LS"	11.0 RT	148700.20	536580.63	975.6	EDGE OF ASPHALT
318	49+54.0"LS"	11.4 RT	148719.21	536580.78	975.4	EDGE OF ASPHALT
319	49+74.3"LS"	20.8 RT	148739.64	536589.96	975.0	EDGE OF ASPHALT
320	107+38.0	17.0 RT	148748.01	536610.75	975.3	EDGE OF ASPHALT
321	107+58.0	15.0 RT	148749.99	536630.74	975.4	EDGE OF CONCRETE
322	107+88.0	12.0 RT	148752.96	536660.76	975.6	EDGE OF LANE

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	INTERSECTION DETAILS	SHEET 12	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\021101-ID.DWG
LAYOUT NAME - 01-ID
PLOT DATE : 10/28/2020 2:18 PM
PLOT BY : KRUEGER, MARIAH R
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42







INTERSECTION DETAIL POINTS						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEV	DESCRIPTION
401	158+25.6	12.0 LT	148735.88	541698.17	986.2	EDGE OF LANE
402	158+55.4	15.0 LT	148739.06	541727.84	986.2	EDGE OF CONC
403	158+75.7	17.0 LT	148741.23	541748.14	986.2	EDGE OF ASPH
404	50+26.4"MN"	22.2 LT	148751.10	541772.16	985.8	EDGE OF ASPH
405	50+50.0"MN"	11.5 LT	148774.80	541782.78	985.5	EDGE OF ASPH
406	50+54.0"MN"	11.3 LT	148778.76	541782.93	985.5	EDGE OF ASPH
407	50+54.0"MN"	11.0 RT	148778.80	541805.31	985.3	EDGE OF ASPH
408	50+50.9"MN"	11.2 RT	148775.73	541805.47	985.4	EDGE OF ASPH
409	50+27.1"MN"	22.2 RT	148751.95	541816.56	985.9	EDGE OF ASPH
410	159+68.8	17.0 LT	148742.56	541841.07	986.4	EDGE OF ASPH
411	159+99.9	15.0 LT	148741.21	541872.18	986.5	EDGE OF CONC
412	160+43.9	12.0 LT	148739.29	541916.19	986.5	EDGE OF LANE
413	157+96.2	12.0 RT	148711.79	541668.80	986.1	EDGE OF LANE
414	158+42.2	15.0 RT	148708.97	541714.83	986.2	EDGE OF CONC
415	158+71.1	17.0 RT	148707.19	541743.81	986.2	EDGE OF ASPH
416	49+73.3"MS"	22.2 LT	148697.90	541767.87	986.1	EDGE OF ASPH
417	49+50.0"MS"	11.2 LT	148674.64	541779.03	986.1	EDGE OF ASPH
418	49+49.6"MS"	11.1 RT	148674.41	541801.32	986.3	EDGE OF ASPH
419	49+72.5"MS"	19.8 RT	148697.37	541809.90	986.4	EDGE OF ASPH
420	159+64.8	15.0 RT	148710.49	541837.62	986.5	EDGE OF CONC
421	159+84.4	15.0 RT	148710.88	541857.33	986.5	EDGE OF CONC
422	160+14.7	12.0 RT	148714.55	541887.52	986.5	EDGE OF LANE
501	211+01.3	12.0 LT	148899.30	546970.88	981.9	EDGE OF LANE

INTERSECTION DETAIL POINTS						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEV	DESCRIPTION
502	211+31.3	15.0 LT	148902.58	547000.85	982.2	EDGE OF CONC
503	211+51.3	17.0 LT	148904.77	547020.83	982.4	EDGE OF ASPH
504	50+22.7"PN"	20.0 LT	148911.36	547037.52	982.6	EDGE OF ASPH
505	50+39.0"PN"	12.5 LT	148927.44	547045.49	982.8	EDGE OF ASPH
506	50+60.0"PN"	12.0 LT	148948.42	547046.57	982.7	EDGE OF ASPH
507	50+60.0"PN"	12.0 RT	148947.75	547070.56	982.7	EDGE OF ASPH
508	50+39.0"PN"	12.7 RT	148926.74	547070.63	982.8	EDGE OF ASPH
509	50+24.0"PN"	21.6 RT	148911.44	547079.13	983.0	EDGE OF ASPH
510	212+26.0	17.0 LT	148905.47	547095.58	983.4	EDGE OF ASPH
511	212+56.0	15.0 LT	148903.75	547125.60	983.8	EDGE OF CONC
512	213+01.0	12.0 LT	148901.17	547170.62	984.4	EDGE OF LANE
513	210+83.6	12.0 RT	148875.14	546953.47	981.7	EDGE OF LANE
514	211+28.6	15.0 RT	148872.56	546998.49	982.2	EDGE OF CONC
515	211+58.6	17.0 RT	148870.84	547028.51	982.5	EDGE OF ASPH
516	49+77.3"PS"	18.6 LT	148865.30	547042.51	982.8	EDGE OF ASPH
517	49+63.6"PS"	12.6 LT	148851.58	547048.68	983.5	EDGE OF ASPH
518	49+50.0"PS"	12.0 LT	148838.03	547049.40	984.1	EDGE OF ASPH
519	49+50.0"PS"	11.0 RT	148838.25	547072.39	984.3	EDGE OF ASPH
520	49+63.6"PS"	11.0 RT	148851.80	547072.29	983.7	EDGE OF ASPH
521	49+77.3"PS"	17.1 RT	148865.64	547078.21	983.1	EDGE OF ASPH
522	212+22.2	17.0 RT	148871.43	547092.10	983.3	EDGE OF ASPH
523	212+42.2	15.0 RT	148873.62	547112.10	983.6	EDGE OF CONC
524	212+72.2	12.0 RT	148876.90	547142.05	984.1	EDGE OF LANE

INTERSECTION DETAIL POINTS						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEV	DESCRIPTION
601	263+74.5	12.0 LT	148872.14	552243.84	985.8	EDGE OF LANE
602	264+04.5	15.0 LT	148874.55	552273.90	985.9	EDGE OF CONC
603	264+24.5	17.0 LT	148876.17	552293.93	985.9	EDGE OF ASPH
604	50+23.2"QN"	20.0 LT	148881.75	552310.15	985.8	EDGE OF ASPH
605	50+38.0"QN"	11.2 LT	148896.48	552318.96	985.6	EDGE OF ASPH
606	50+50.0"QN"	10.5 LT	148908.49	552319.72	985.5	EDGE OF ASPH
607	50+50.0"QN"	10.5 RT	148908.47	552340.71	985.5	EDGE OF ASPH
608	50+38.0"QN"	11.6 RT	148896.46	552341.81	985.7	EDGE OF ASPH
609	50+22.7"QN"	19.8 RT	148881.13	552349.96	985.9	EDGE OF ASPH
610	264+96.7	17.0 LT	148874.80	552366.12	986.1	EDGE OF ASPH
611	265+27.7	14.9 LT	148872.14	552397.07	986.3	EDGE OF CONC
612	265+71.7	12.0 LT	148868.37	552441.01	986.6	EDGE OF LANE
613	263+49.2	12.0 RT	148848.61	552218.11	985.8	EDGE OF LANE
614	263+94.2	15.0 RT	148844.75	552263.04	985.9	EDGE OF CONC
615	264+24.2	17.0 RT	148842.18	552293.00	985.9	EDGE OF ASPH
616	49+76.0"QS"	21.6 LT	148834.30	552312.71	985.8	EDGE OF ASPH
617	49+57.0"QS"	12.1 LT	148815.34	552322.26	986.4	EDGE OF ASPH
618	49+57.0"QS"	12.4 RT	148815.47	552346.72	986.4	EDGE OF ASPH
619	49+75.1"QS"	22.9 RT	148833.65	552357.13	986.0	EDGE OF ASPH
620	265+08.1	17.0 RT	148840.59	552376.89	986.2	EDGE OF ASPH
621	265+28.1	15.0 RT	148842.21	552396.92	986.3	EDGE OF CONC
622	265+58.1	12.0 RT	148844.64	552426.98	986.5	EDGE OF LANE

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	INTERSECTION DETAILS	SHEET 13	E

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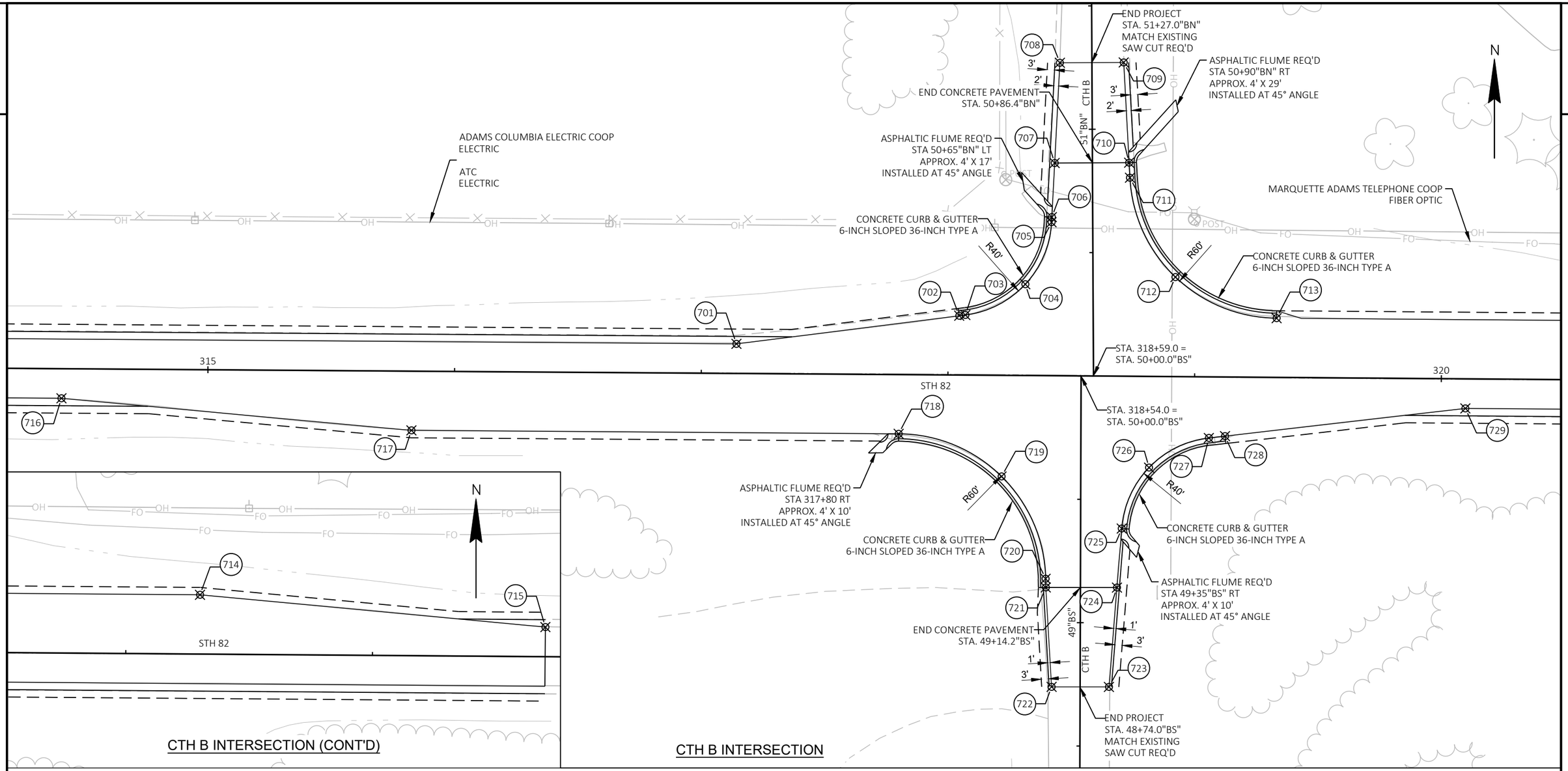
LAYOUT NAME - 02-ID
PLOT DATE : 10/28/2020 2:19 PM
PLOT BY : KRUEGER, MARIAH R
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



CTH B INTERSECTION (CONT'D)

CTH B INTERSECTION

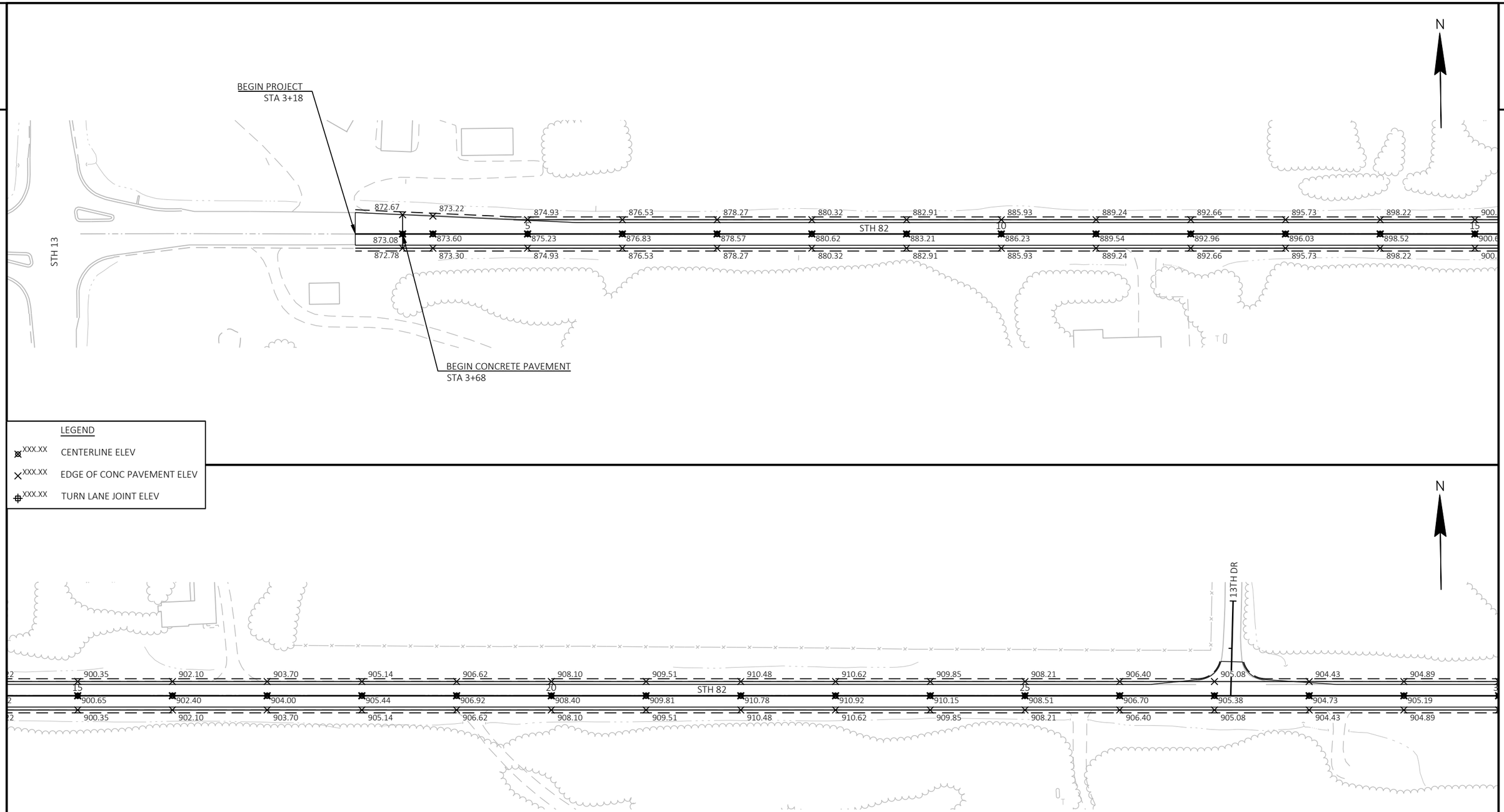
INTERSECTION DETAIL POINTS						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEV	DESCRIPTION
701	317+14.2	12.0 LT	148793.25	557582.62	1022.9	EDGE OF LANE
702	318+04.4	24.0 LT	148804.64	557672.94	1023.7	EDGE OF CONC/FLAGLINE
703	318+06.9	24.4 LT	148804.96	557675.43	1023.7	EDGE OF CONC/FLAGLINE
704	50+37.3"BN"	27.4 LT	148817.42	557699.73	1023.6	EDGE OF CONC/FLAGLINE
705	50+62.4"BN"	16.7 LT	148842.56	557710.37	1023.5	EDGE OF CONC/FLAGLINE
706	50+64.5"BN"	16.6 LT	148844.62	557710.48	1023.5	EDGE OF CONC/FLAGLINE
707	50+86.4"BN"	15.3 LT	148866.54	557711.63	1023.2	EDGE OF CONCRETE
708	51+27.0"BN"	13.0 LT	148907.17	557713.76	1022.8	EDGE OF ASPHALT

INTERSECTION DETAIL POINTS						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEV	DESCRIPTION
709	51+27.0"BN"	12.9 RT	148907.30	557739.61	1022.8	EDGE OF ASPHALT
710	50+86.4"BN"	14.9 RT	148866.69	557741.81	1023.3	EDGE OF CONC/FLAGLINE
711	50+80.3"BN"	15.2 RT	148860.57	557742.14	1023.3	EDGE OF CONC/FLAGLINE
712	50+39.9"BN"	33.4 RT	148820.31	557760.57	1024.0	EDGE OF CONC/FLAGLINE
713	319+33.0	24.0 LT	148803.66	557801.60	1024.8	EDGE OF CONC/FLAGLINE
714	321+29.9	24.0 LT	148802.16	557998.46	1025.9	EDGE OF CONCRETE
715	322+70.0	12.0 LT	148789.09	558138.46	1026.8	EDGE OF LANE
716	314+40.7	12.0 RT	148771.18	557309.01	1018.9	EDGE OF LANE

INTERSECTION DETAIL POINTS						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEV	DESCRIPTION
717	315+82.7	24.0 RT	148758.18	557450.88	1020.9	EDGE OF CONCRETE
718	317+80.2	24.0 RT	148756.79	557648.39	1023.4	EDGE OF CONC/FLAGLINE
719	49+59.2"BS"	32.1 LT	148739.51	557690.10	1023.8	EDGE OF CONC/FLAGLINE
720	49+17.8"BS"	14.1 LT	148698.04	557707.95	1024.4	EDGE OF CONC/FLAGLINE
721	49+14.2"BS"	14.0 LT	148694.51	557708.02	1024.4	EDGE OF CONC/FLAGLINE
722	48+74.0"BS"	11.6 LT	148654.24	557710.38	1024.8	EDGE OF ASPHALT
723	48+74.0"BS"	11.7 RT	148654.20	557733.63	1024.8	EDGE OF ASPHALT
724	49+14.3"BS"	14.8 RT	148694.47	557736.88	1024.4	EDGE OF CONCRETE

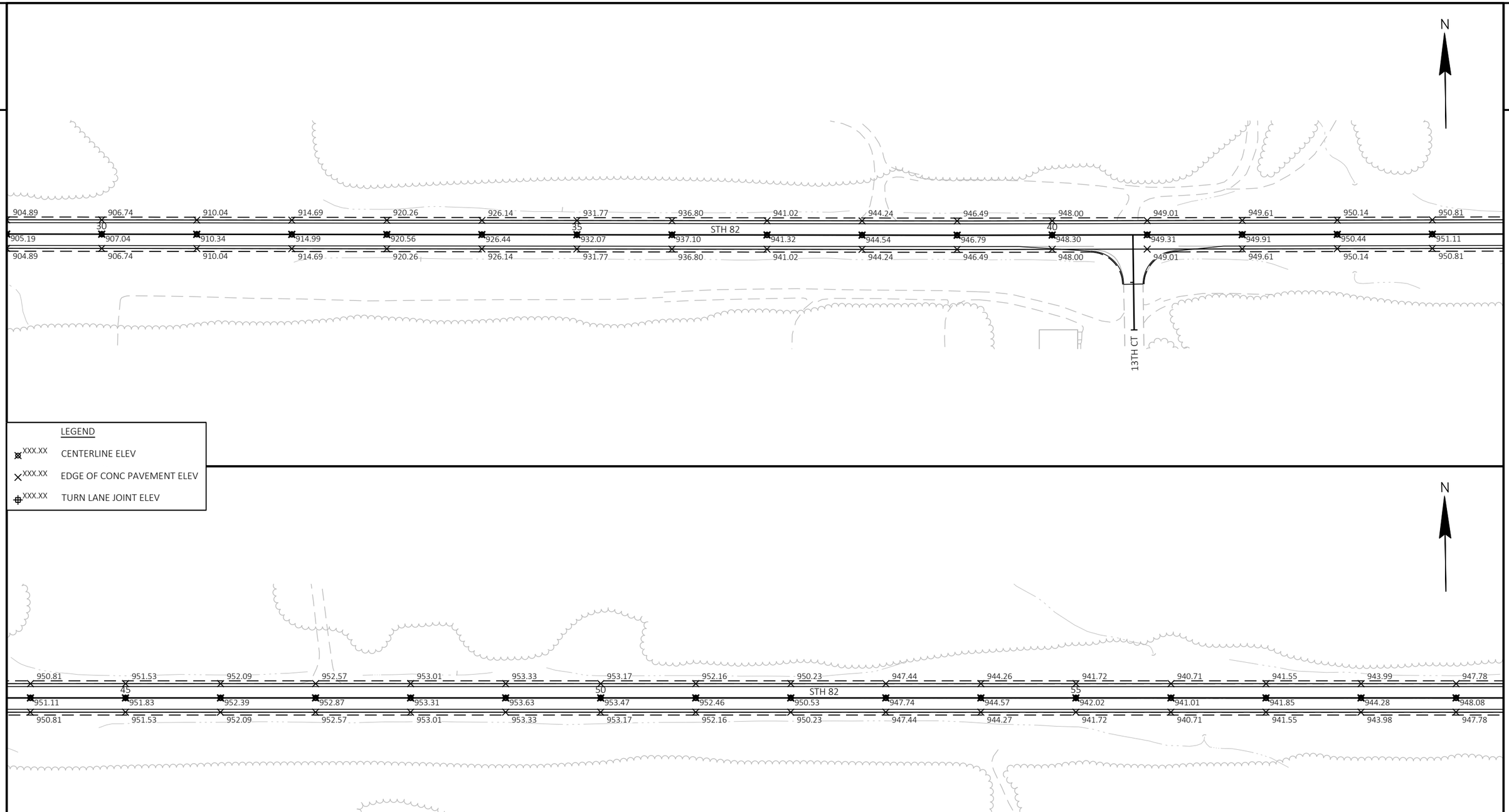
INTERSECTION DETAIL POINTS						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEV	DESCRIPTION
725	49+38.2"BS"	16.7 RT	148718.41	557738.82	1024.1	EDGE OF CONC/FLAGLINE
726	49+62.9"BS"	27.7 RT	148743.09	557749.88	1024.2	EDGE OF CONC/FLAGLINE
727	319+05.9	24.8 RT	148755.10	557774.12	1024.6	EDGE OF CONC/FLAGLINE
728	319+12.5	24.0 RT	148755.85	557780.69	1024.6	EDGE OF CONC/FLAGLINE
729	320+09.8	12.0 RT	148767.08	557878.11	1025.5	EDGE OF LANE

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	INTERSECTION DETAILS	SHEET 14	E



PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CONCRETE PAVEMENT GRADES	SHEET 15	E

2



LEGEND

- XXX.XX CENTERLINE ELEV
- XXX.XX EDGE OF CONC PAVEMENT ELEV
- XXX.XX TURN LANE JOINT ELEV

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CONCRETE PAVEMENT GRADES	SHEET 16	E

2

N

FLAG

947.78 951.93 955.66 958.60 960.66 961.81 962.59 963.36 963.99 964.50 964.77 964.46 963.42 961.51 958.62 954.

60 65 STH 82 70

948.08 952.22 955.95 958.90 960.96 962.11 962.89 963.66 964.29 964.80 965.07 964.76 963.72 961.81 958.92 955.1

947.78 951.92 955.65 958.60 960.66 961.81 962.59 963.36 963.99 964.50 964.77 964.46 963.42 961.51 958.62 954.

LEGEND

- XXX.XX CENTERLINE ELEV
- XXX.XX EDGE OF CONC PAVEMENT ELEV
- XXX.XX TURN LANE JOINT ELEV

N

52 954.85 949.99 944.82 940.61 937.47 935.39 934.39 934.46 935.59 937.80 941.08 945.43 950.78 956.21 960.93

75 80 STH 82 85

2 955.16 950.29 945.12 940.91 937.77 935.69 934.69 934.76 935.89 938.10 941.38 945.73 951.08 956.51 961.23

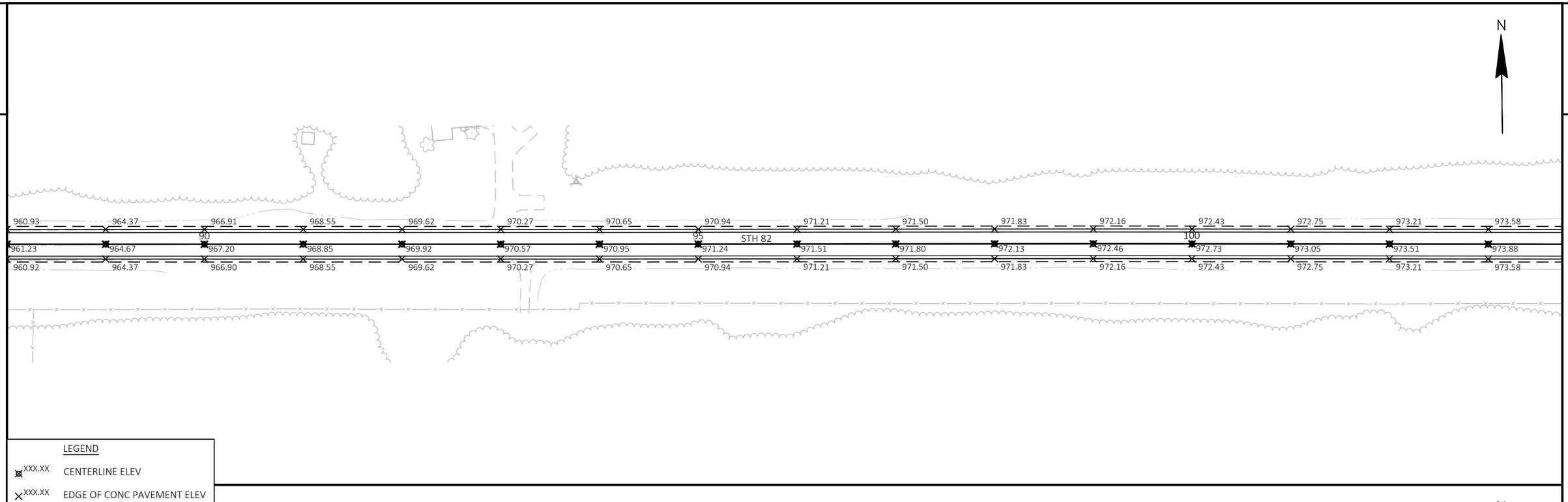
52 954.86 949.99 944.82 940.61 937.47 935.39 934.39 934.46 935.59 937.80 941.08 945.42 950.77 956.21 960.92

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CONCRETE PAVEMENT GRADES	SHEET 17	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\021201-PG.DWG
LAYOUT NAME - (03)-pn

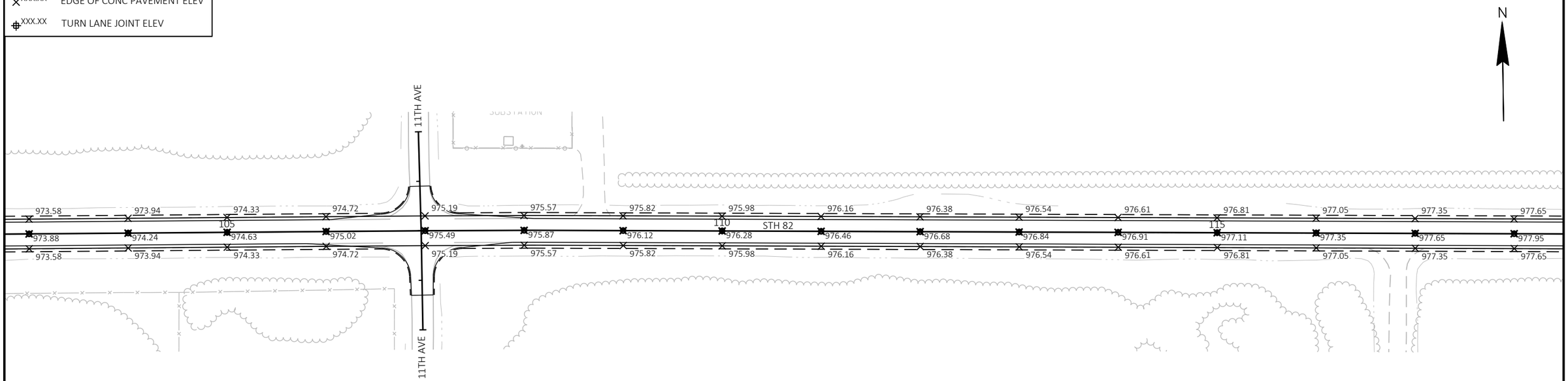
PLOT DATE : 10/28/2020 2:28 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



LEGEND

- XXX.XX CENTERLINE ELEV
- XXX.XX EDGE OF CONC PAVEMENT ELEV
- XXX.XX TURN LANE JOINT ELEV



PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CONCRETE PAVEMENT GRADES	SHEET 18	E

2

2

N

977.65 977.88 978.16 978.34 978.44 978.62 978.86 979.03 979.08 978.98 978.72 978.49 978.30 978.22 978.29 978.

977.95 978.18 978.46 978.64 978.74 978.92 979.16 979.33 979.38 979.28 979.02 978.79 978.60 978.52 978.59 978.9

977.65 977.88 978.16 978.34 978.44 978.62 978.86 979.03 979.08 978.97 978.72 978.49 978.30 978.22 978.29 978.

120 125 STH 82 130

LEGEND

- XXX.XX CENTERLINE ELEV
- XXX.XX EDGE OF CONC PAVEMENT ELEV
- XXX.XX TURN LANE JOINT ELEV

N

29 978.67 979.18 979.61 979.98 980.34 980.71 981.09 981.54 981.98 982.46 982.77 983.04 983.27 983.48 983.67

9 978.97 979.48 979.92 980.28 980.64 981.02 981.39 981.84 982.28 982.76 983.08 983.34 983.57 983.78 983.97

29 978.67 979.18 979.62 979.98 980.34 980.72 981.09 981.54 981.98 982.46 982.78 983.04 983.27 983.48 983.67

135 140 STH 82 145

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CONCRETE PAVEMENT GRADES	SHEET 19	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\021201-PG.DWG
LAYOUT NAME - (05)-pn

PLOT DATE : 10/28/2020 2:30 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

N

10TH AVE

983.67 983.84 984.01 984.19 984.39 984.60 984.81 984.96 985.23 985.40 985.43 986.03 986.36 986.46 986.46 986.48

983.97 984.14 984.31 984.49 984.69 984.90 985.11 985.26 985.53 985.71 985.73 986.33 986.66 986.76 986.76 986.78

983.67 983.84 984.01 984.19 984.39 984.60 984.81 984.96 985.23 985.41 985.43 986.03 986.35 986.46 986.46 986.48

150 STH 82 155 160

10TH AVE

LEGEND

- XXX.XX CENTERLINE ELEV
- XXX.XX EDGE OF CONC PAVEMENT ELEV
- XXX.XX TURN LANE JOINT ELEV

N

986.48 986.60 986.79 987.01 987.29 987.39 987.46 987.55 987.79 988.04 988.25 988.47 988.62 988.73 988.76 988.45

986.78 986.90 987.09 987.31 987.59 987.69 987.76 987.85 988.09 988.34 988.55 988.77 988.92 989.03 989.07 988.75

986.48 986.60 986.79 987.01 987.28 987.39 987.46 987.55 987.79 988.03 988.25 988.47 988.62 988.73 988.76 988.45

165 STH 82 170 175

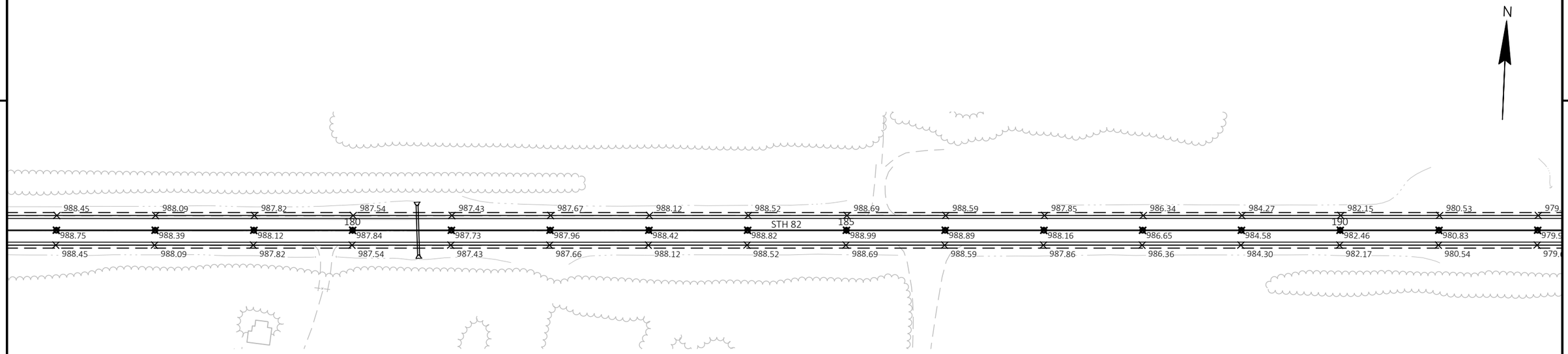
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CONCRETE PAVEMENT GRADES	SHEET 20	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\021201-PG.DWG
LAYOUT NAME - (06)-pn

PLOT DATE : 10/28/2020 2:31 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:100 FT

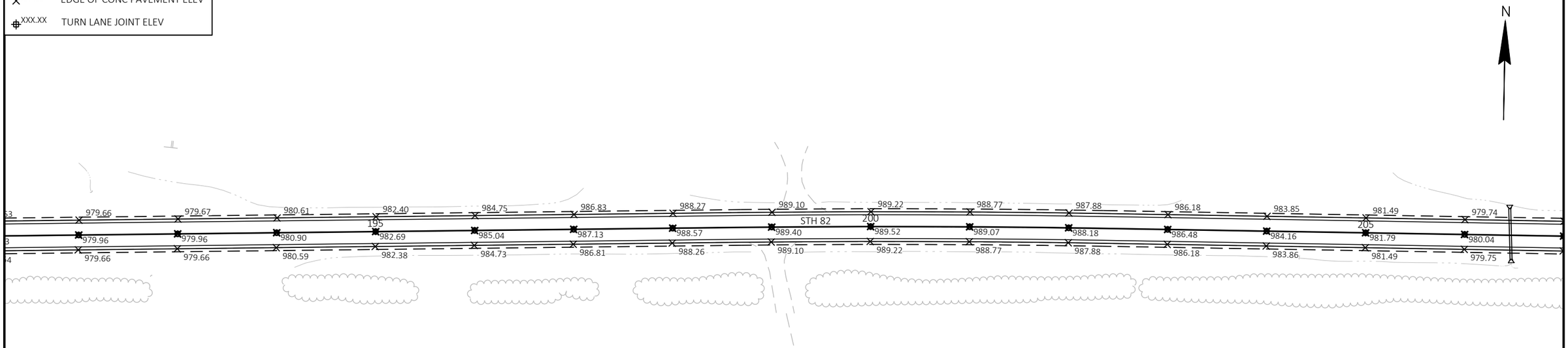
WISDOT/CADDS SHEET 44

2



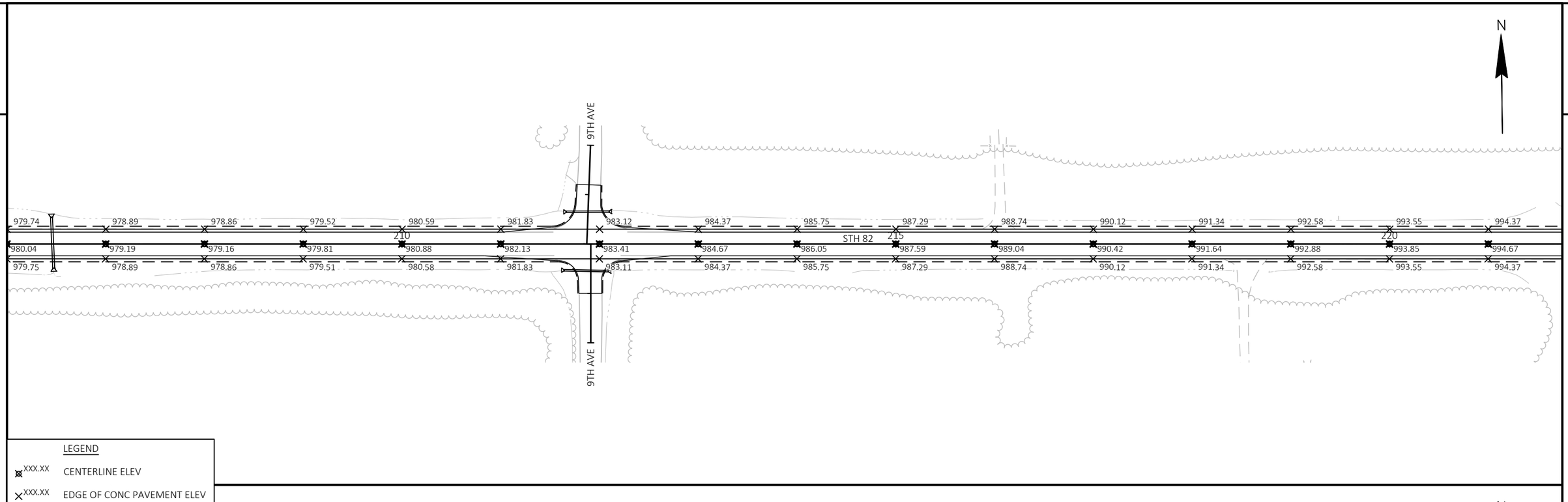
LEGEND

- XXX.XX CENTERLINE ELEV
- XXX.XX EDGE OF CONC PAVEMENT ELEV
- XXX.XX TURN LANE JOINT ELEV



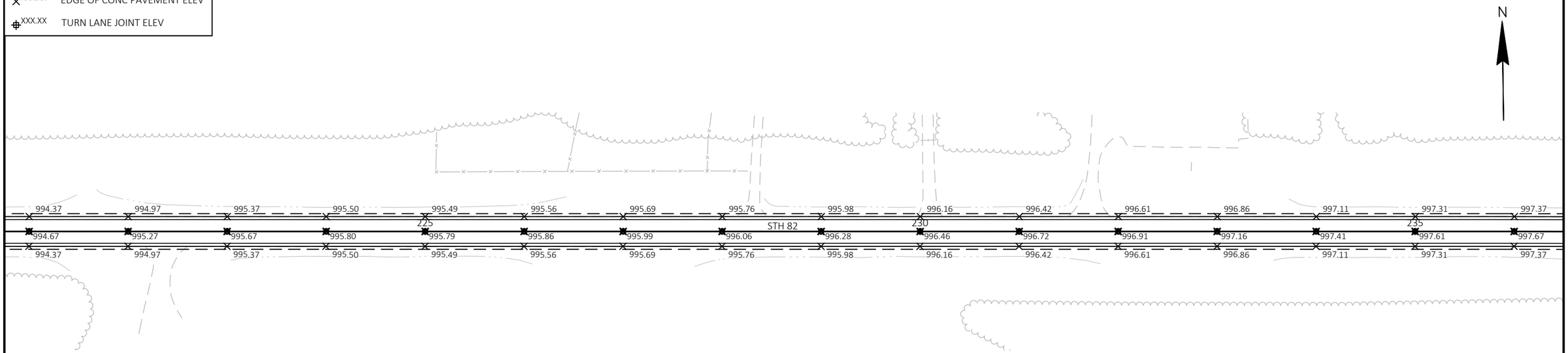
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CONCRETE PAVEMENT GRADES	SHEET 21	E

2



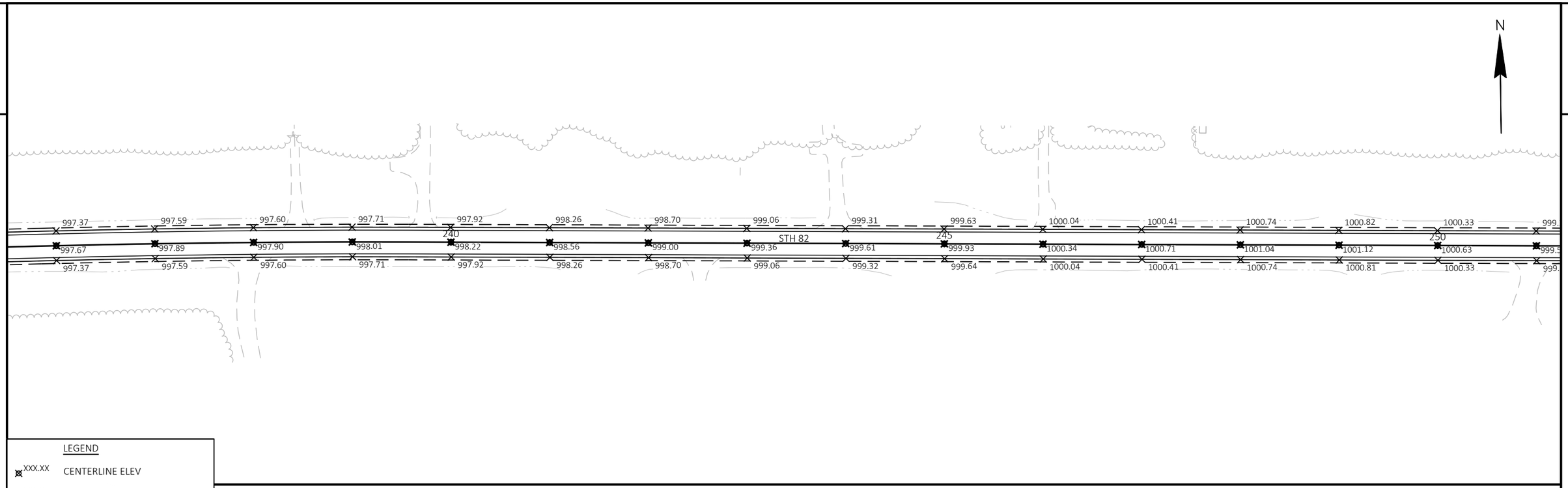
LEGEND

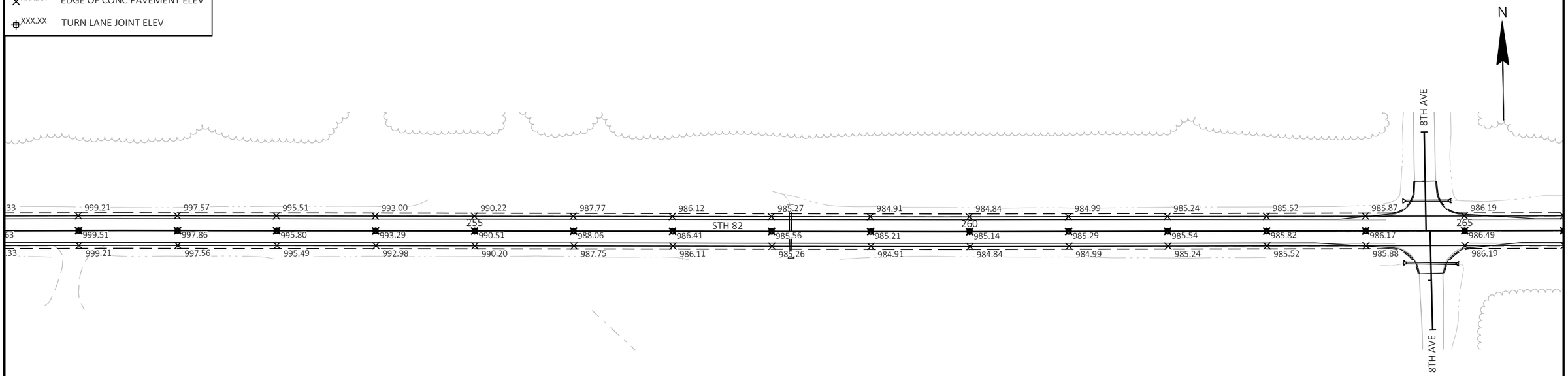
- XXX.XX CENTERLINE ELEV
- XXX.XX EDGE OF CONC PAVEMENT ELEV
- XXX.XX TURN LANE JOINT ELEV



PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CONCRETE PAVEMENT GRADES	SHEET 22	E

2





PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CONCRETE PAVEMENT GRADES	SHEET 23	E

2

2

N

FLAG

FLAG

| | | |

2

2

N

1011.85 1011.79 1011.63 1011.33 1010.84 1010.43 1010.12 1009.87 1009.88 1010.14 1010.55 1011.00 1011.38 1011.89 1012.51 1013

295 300 STH 82 305 310

1012.15 1012.09 1011.93 1011.63 1011.14 1010.73 1010.42 1010.17 1010.18 1010.44 1010.85 1011.30 1011.69 1012.19 1012.81 1013

1011.85 1011.79 1011.63 1011.33 1010.84 1010.43 1010.12 1009.87 1009.88 1010.15 1010.55 1011.00 1011.39 1011.89 1012.51 1013

LEGEND

- XXX.XX CENTERLINE ELEV
- XXX.XX EDGE OF CONC PAVEMENT ELEV
- XXX.XX TURN LANE JOINT ELEV

N

52"BN" CTH B

51"BN"

1023.54 1023.20 1023.25 1023.94 1023.48 1024.03 1023.65 1023.70 1024.55 1024.79 1025.18 1025.74 1026.38 1027.30

1023.89 1024.79 12' 1025.42 1025.98

1024.13 1025.03 12'

.51 1013.12 1013.99 1015.16 1016.59 1018.22 1019.86 1021.29 1022.62 310 315 STH 82 320

81 1013.43 1014.29 1015.46 1016.89 1018.52 1020.16 1021.59 1022.92 12' 1023.89 1024.79 1025.66 1026.22 1026.74 1027.60

.51 1013.13 1013.99 1015.17 1016.59 1018.22 1019.82 1021.35 1022.68 12' 1023.65 1024.55 1025.36 1025.92 1026.44 1027.30

1021.11 1022.44 1023.42 1024.64

1023.80 1024.23

1024.39 1024.10

1024.40 49"BS" 1024.36 1024.67

CTH B

END CONCRETE PAVEMENT
STA 322+85

SEPV

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CONCRETE PAVEMENT GRADES	SHEET 25	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\021201-PG.DWG
LAYOUT NAME - (11)-pn

PLOT DATE : 10/28/2020 2:35 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

N

PT: 171+84.11

PC: 173+73.81

STH 82

B-39-69

STH 82

LEGEND

INLET PROTECTION

SURFACE WATER FLOW

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: MARQUETTE	B-39-69 EROSION CONTROL	SHEET 26	E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\022001-EC.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 12/9/2019 12:58 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:20 FT

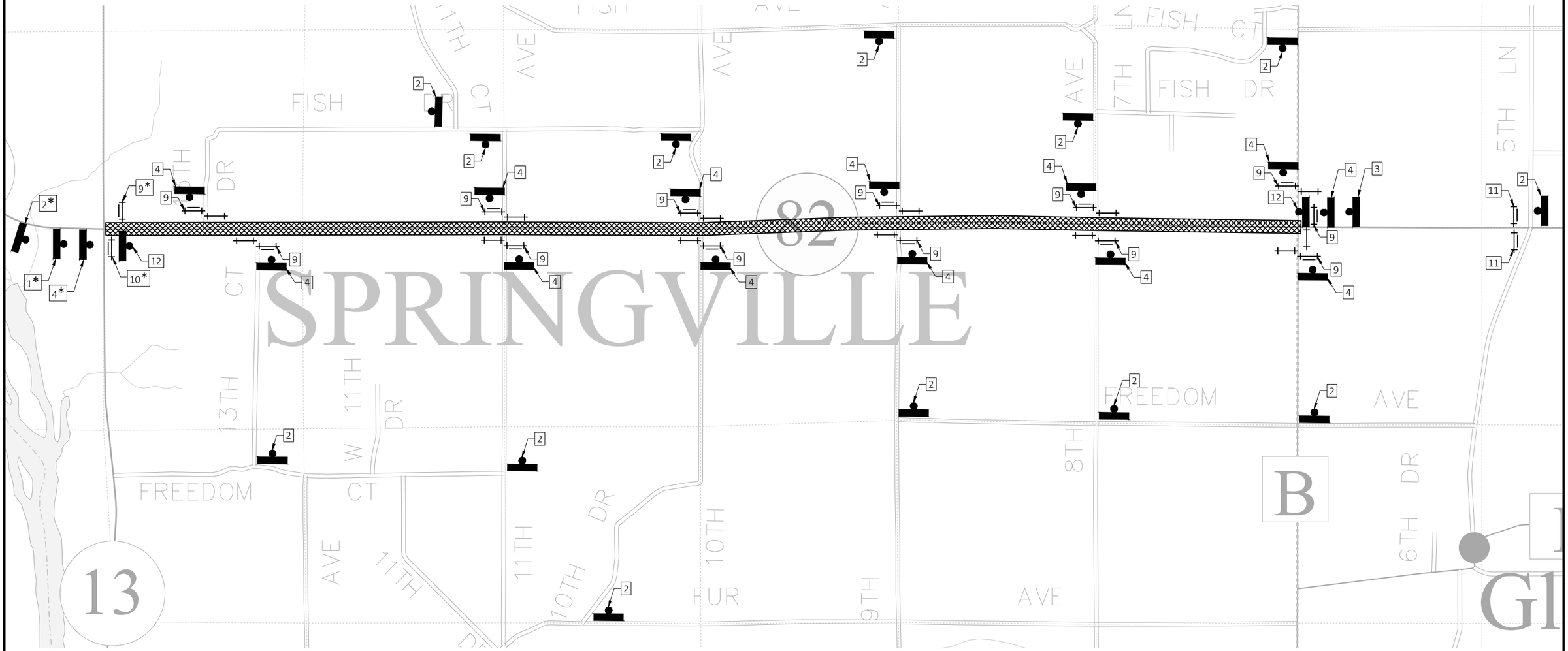
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED

REFER TO S.D.D.'S "BARRICADES AND SIGNS FOR MAINLINE CLOSURES" AND "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" FOR ADDITIONAL INFORMATION

LEGEND

- WORK ZONE
- TYPE III BARRICADE W/ TYPE A WARNING LIGHTS
- SIGN ON TYPE III BARRICADE W/ TYPE A WARNING LIGHTS
- SIGN ON POST

N



1 DETOUR AHEAD W20-2A

2 ROAD CLOSED AHEAD W20-3A

3 ROAD CLOSED 1000 FT W20-3C

4 ROAD CLOSED 500 FT W20-3D

5 ROAD WORK AHEAD W20-1A

6 ROAD WORK 250 FT W20-1 (MOD)

7 ROAD WORK 500 FT W20-1D

NOT INCLUDED ON THIS SHEET

8 END ROAD WORK — G20-2A 48"X24"

9 ROAD CLOSED TO THRU TRAFFIC — R11-4 60"X30"

10 DETOUR — MO4-9R 30"X24"

11 ROAD CLOSED 1 MILES AHEAD LOCAL TRAFFIC ONLY — R11-3 60"X30"

12 PLACE 7 DAYS PRIOR TO CONSTRUCTION AND REMOVE WHEN CONSTRUCTION BEGINS
HWY 82 ROAD CLOSED BEGINS XXX-XX — G20-57C 96"X48"

*ALSO SHOWN ON DETOUR PLAN SHEETS

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	ADVANCED WARNING	SHEET 27	E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\023301-AW.DWG
LAYOUT NAME - 01-aw

PLOT DATE : 10/22/2020 1:59 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:0.5 MI

WISDOT/CADDS SHEET 42

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED

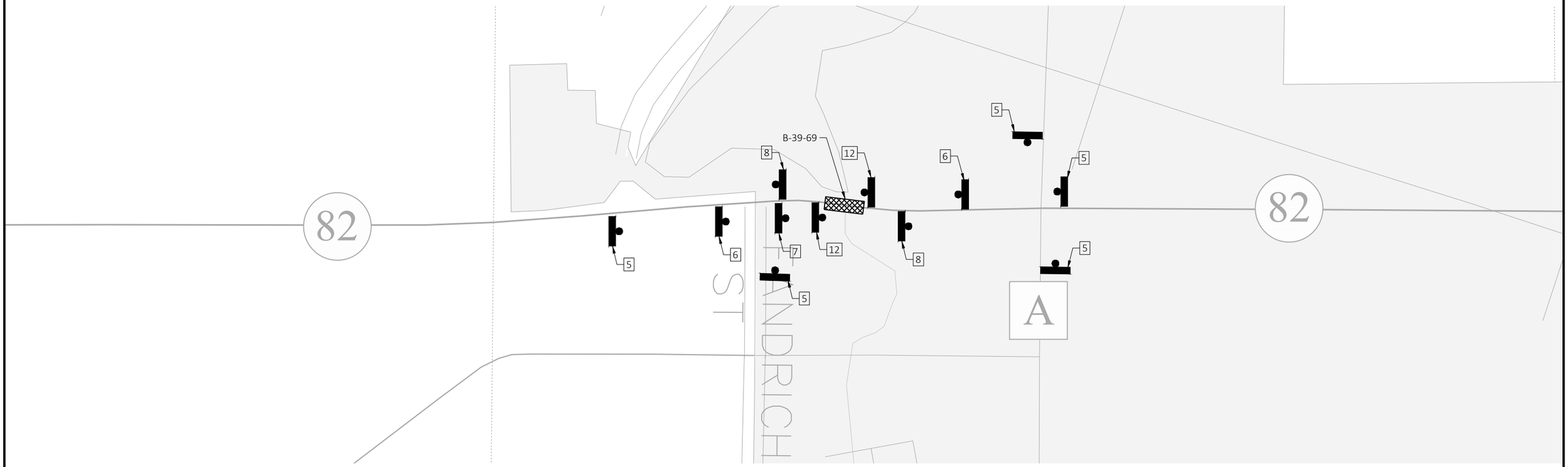
REFER TO S.D.D. "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ADDITIONAL INFORMATION

2

LEGEND

- WORK ZONE
- TYPE III BARRICADE W/ TYPE A WARNING LIGHTS
- SIGN ON TYPE III BARRICADE W/ TYPE A WARNING LIGHTS
- SIGN ON POST

N



1 DETOUR AHEAD W20-2A

2 ROAD CLOSED AHEAD W20-3A

3 ROAD CLOSED 1000 FT W20-3C

4 ROAD CLOSED 500 FT W20-3D

NOT INCLUDED ON THIS SHEET

5 ROAD WORK AHEAD W20-1A

6 ROAD WORK 500 FT W20-1D

7 ROAD WORK 250 FT W20-1 (M30)

8 END ROAD WORK
G20-2A
48"X24"

9 ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

10 DETOUR
MO4-9R
30"X24"

11 ROAD CLOSED ! MILES AHEAD LOCAL TRAFFIC ONLY
R11-3
60"X30"

NOT INCLUDED ON THIS SHEET

PLACE 7 DAYS PRIOR TO BRIDGE CONSTRUCTION AND REMOVE WHEN CONSTRUCTION BEGINS

12 HWY 82 BRIDGE WORK BEGINS XXX-XX
G20-57B
96"X48"

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	ADVANCED WARNING - B-39-69	SHEET 28	E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\023301-AW.DWG
LAYOUT NAME - 02-aw

PLOT DATE : 10/22/2020 1:59 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:500 FT

2

2

N

DETAIL A

DETAIL B

DETAIL C

DETAIL D

DETAIL E

DETAIL F

DETAIL G

DETAIL H

DETAIL I

DETAIL J

DETAIL K

DETAIL L

DETAIL M

DETAIL N

DETAIL O

DETAIL P

DETAIL Q

LEGEND

CLOSED WORK ZONE

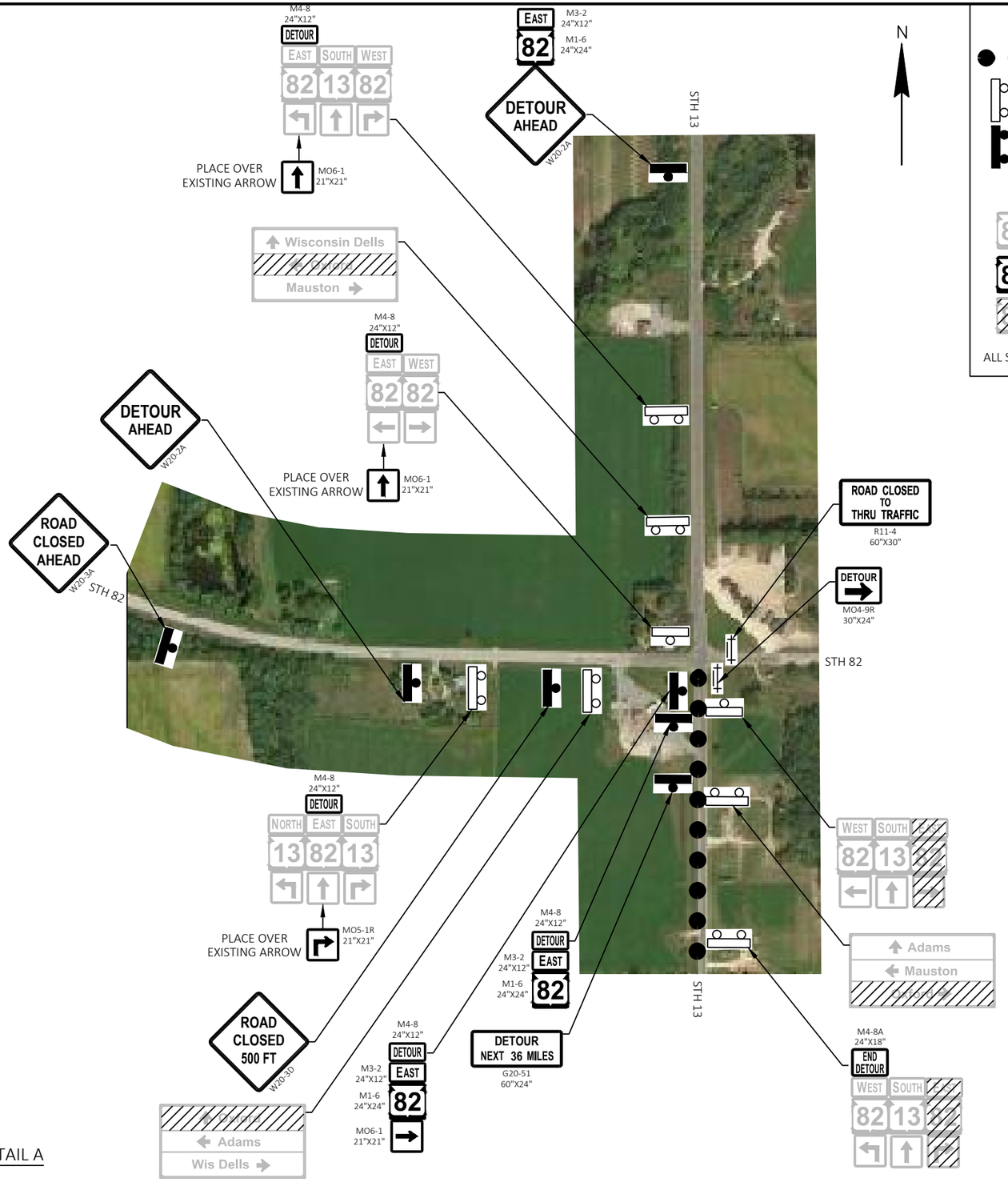
DETOUR ROUTE

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	DETOUR PLAN - OVERVIEW	SHEET 29	E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\027001-DT.DWG
LAYOUT NAME - Overview

PLOT DATE : 12/9/2019 1:05 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:2 MI

WISDOT/CADDS SHEET 42

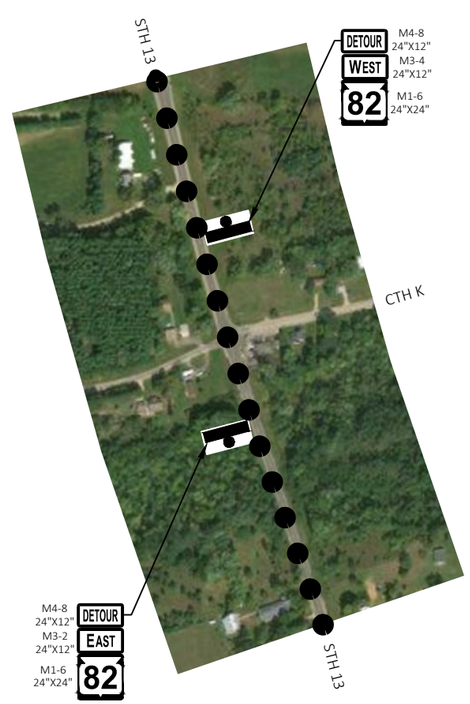


DETAIL A

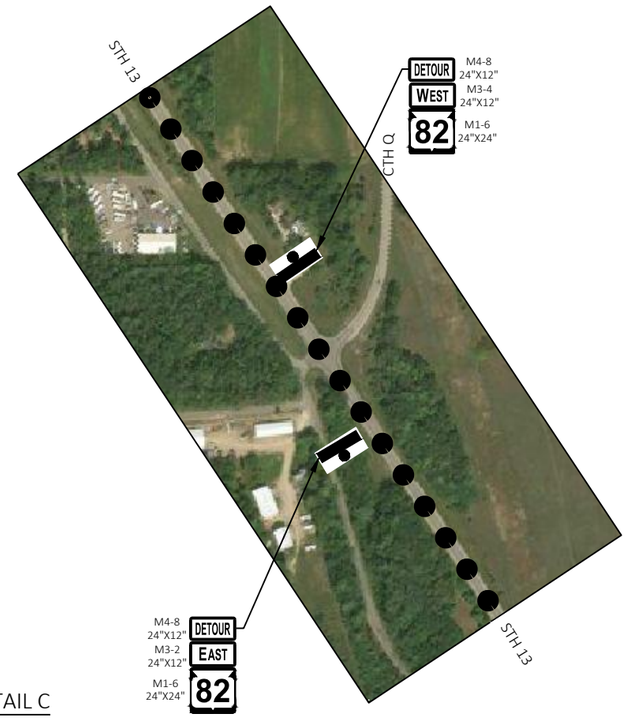
LEGEND

- DETOUR ROUTE
- EXISTING SIGN ON POST(S)
- PROPOSED SIGN ON POST(S)
- PROPOSED SIGN ON TYPE III BARRICADE
- EXISTING SIGN
- PROPOSED SIGN
- COVER EXISTING SIGN

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED



DETAIL B



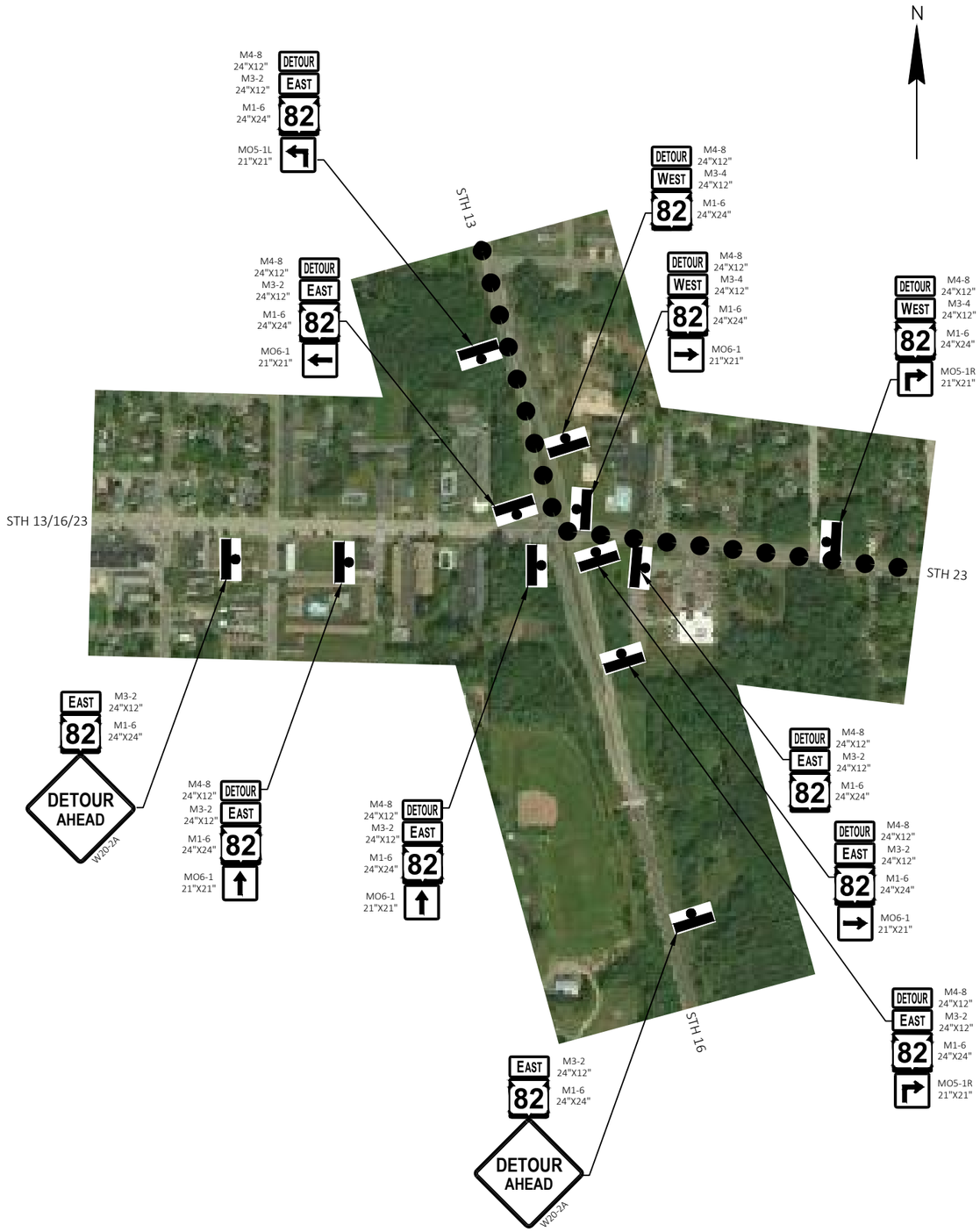
DETAIL C

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	DETOUR PLAN - DETAILS A - C	SHEET 30	E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\027002-DT.DWG
LAYOUT NAME - 01-dt

PLOT DATE : 12/9/2019 1:53 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42

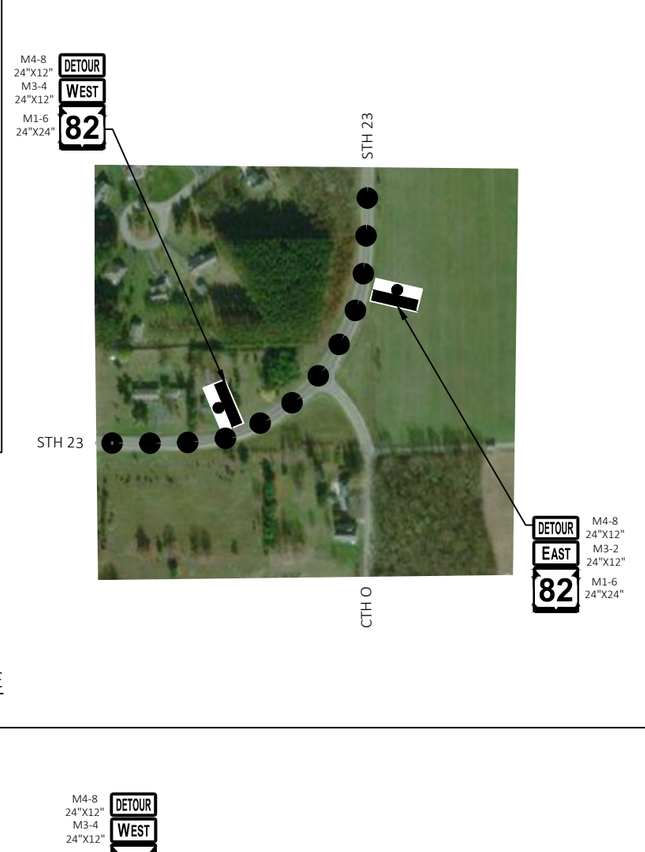


DETAIL D

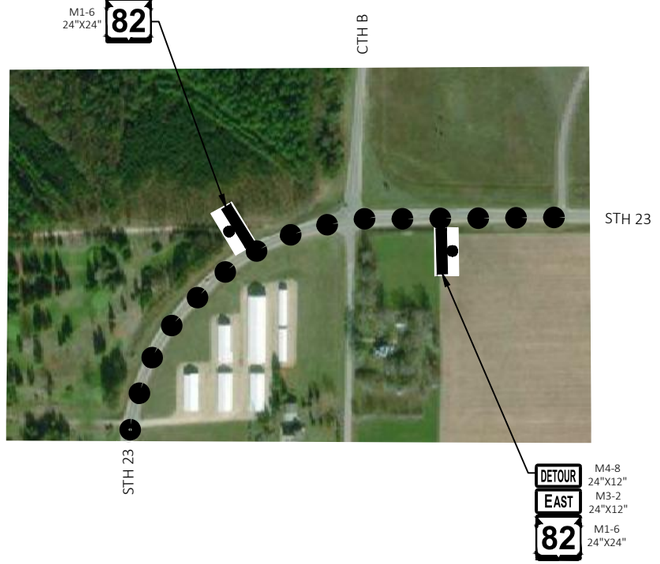
LEGEND

- DETOUR ROUTE
- EXISTING SIGN ON POST(S)
- PROPOSED SIGN ON POST(S)
- PROPOSED SIGN ON TYPE III BARRICADE
- EXISTING SIGN
- PROPOSED SIGN
- COVER EXISTING SIGN

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED



DETAIL E



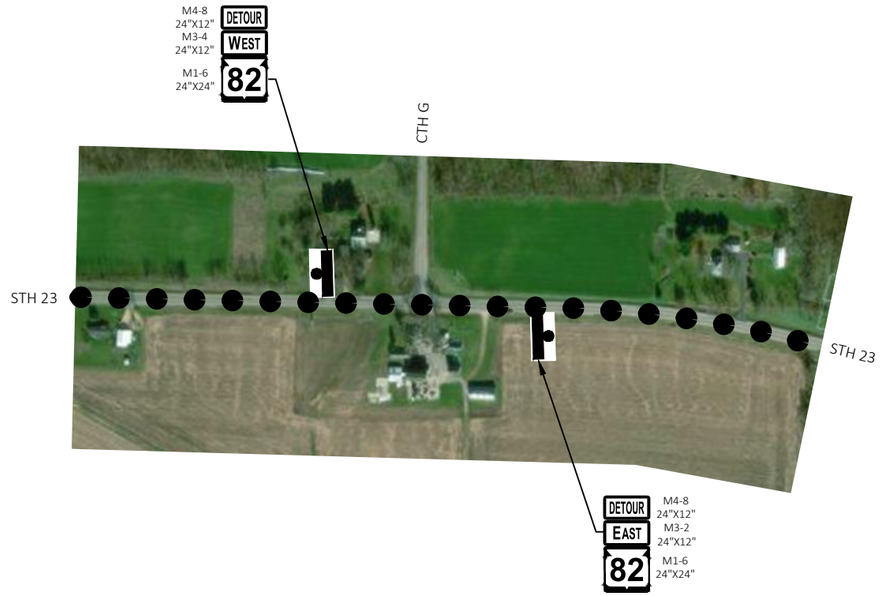
DETAIL F

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	DETOUR PLAN - DETAILS D - F	SHEET 31	E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\027002-DT.DWG
LAYOUT NAME - 02-dt

PLOT DATE : 12/9/2019 1:53 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

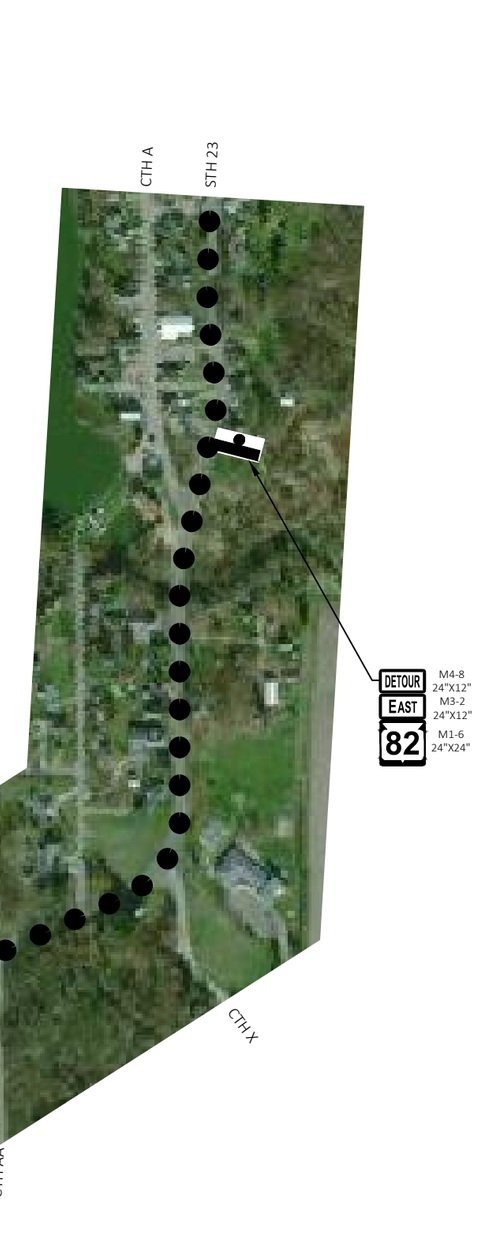


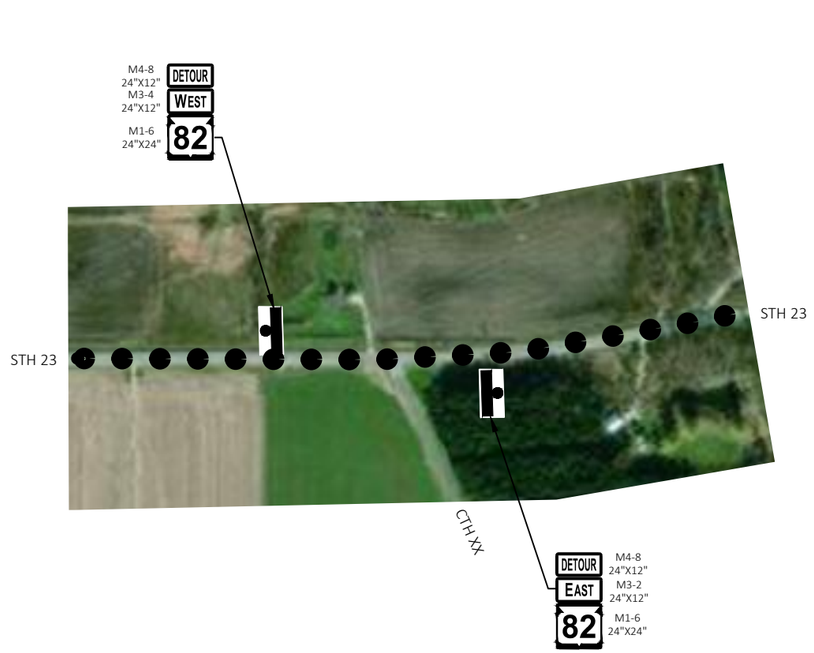
DETAIL G

LEGEND

- DETOUR ROUTE
- EXISTING SIGN ON POST(S)
- PROPOSED SIGN ON POST(S)
- PROPOSED SIGN ON TYPE III BARRICADE
- EXISTING SIGN
- PROPOSED SIGN
- COVER EXISTING SIGN

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED

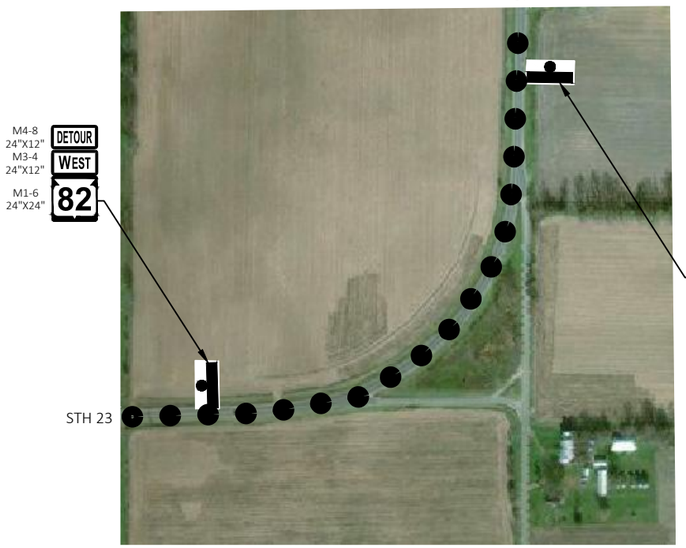




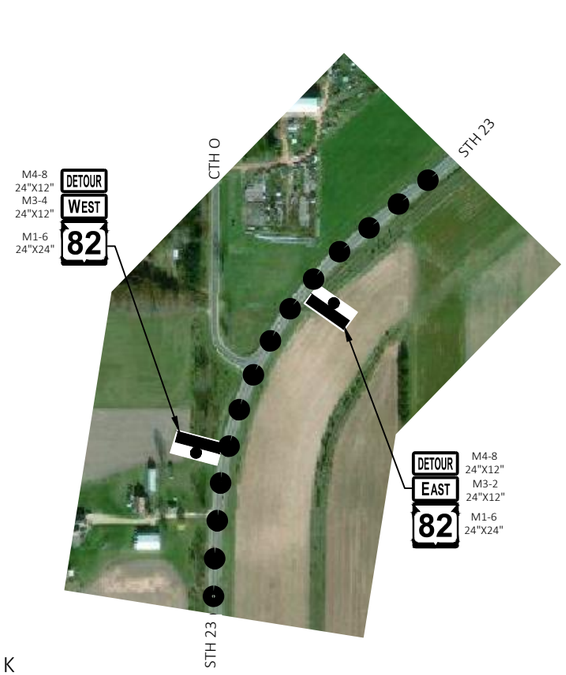
DETAIL H

DETAIL I

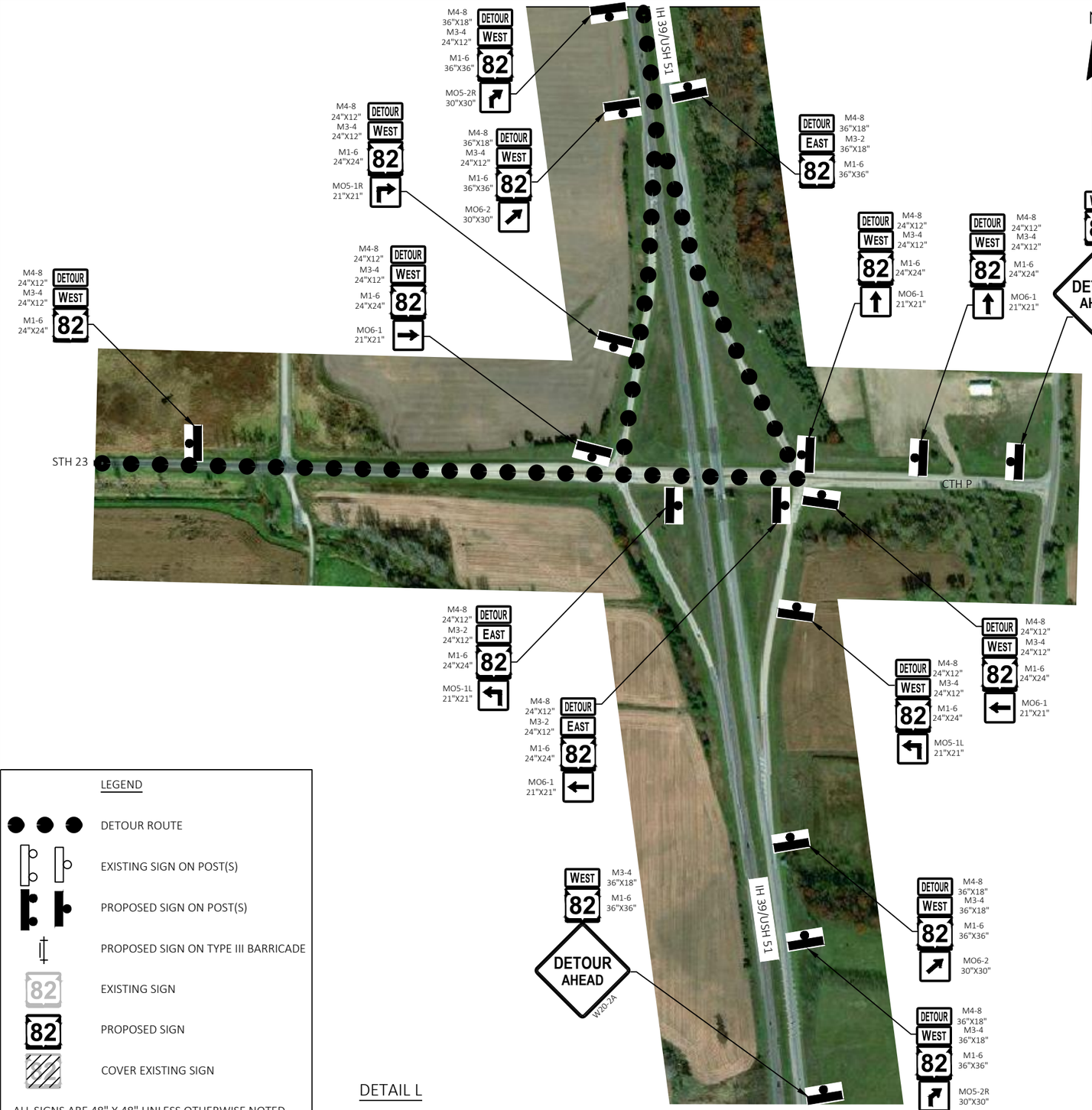
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	DETOUR PLAN - DETAILS G - I	SHEET 32	E



DETAIL J



DETAIL K



DETAIL L

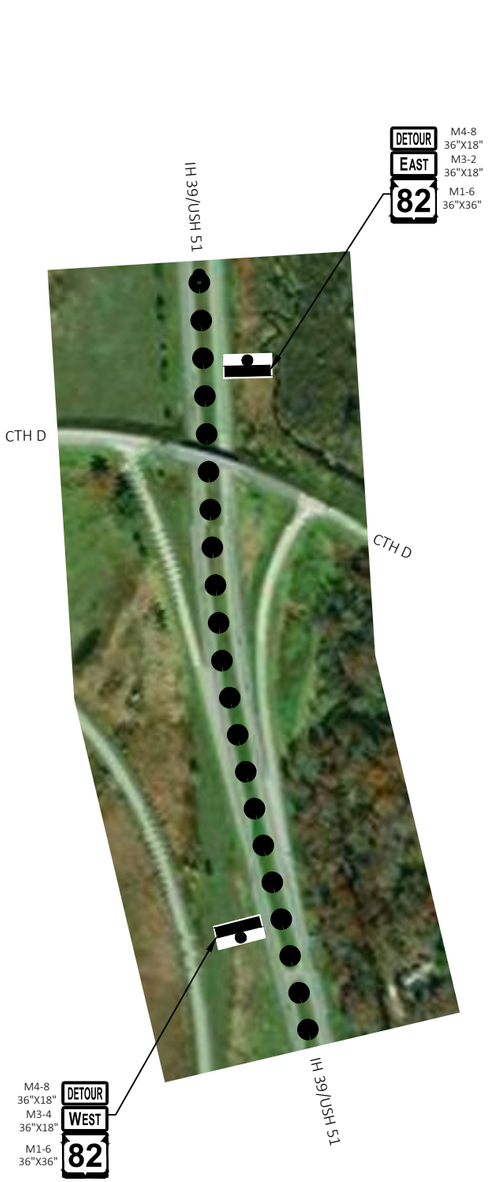
LEGEND

- DETOUR ROUTE
- EXISTING SIGN ON POST(S)
- PROPOSED SIGN ON POST(S)
- PROPOSED SIGN ON TYPE III BARRICADE
- EXISTING SIGN
- PROPOSED SIGN
- COVER EXISTING SIGN

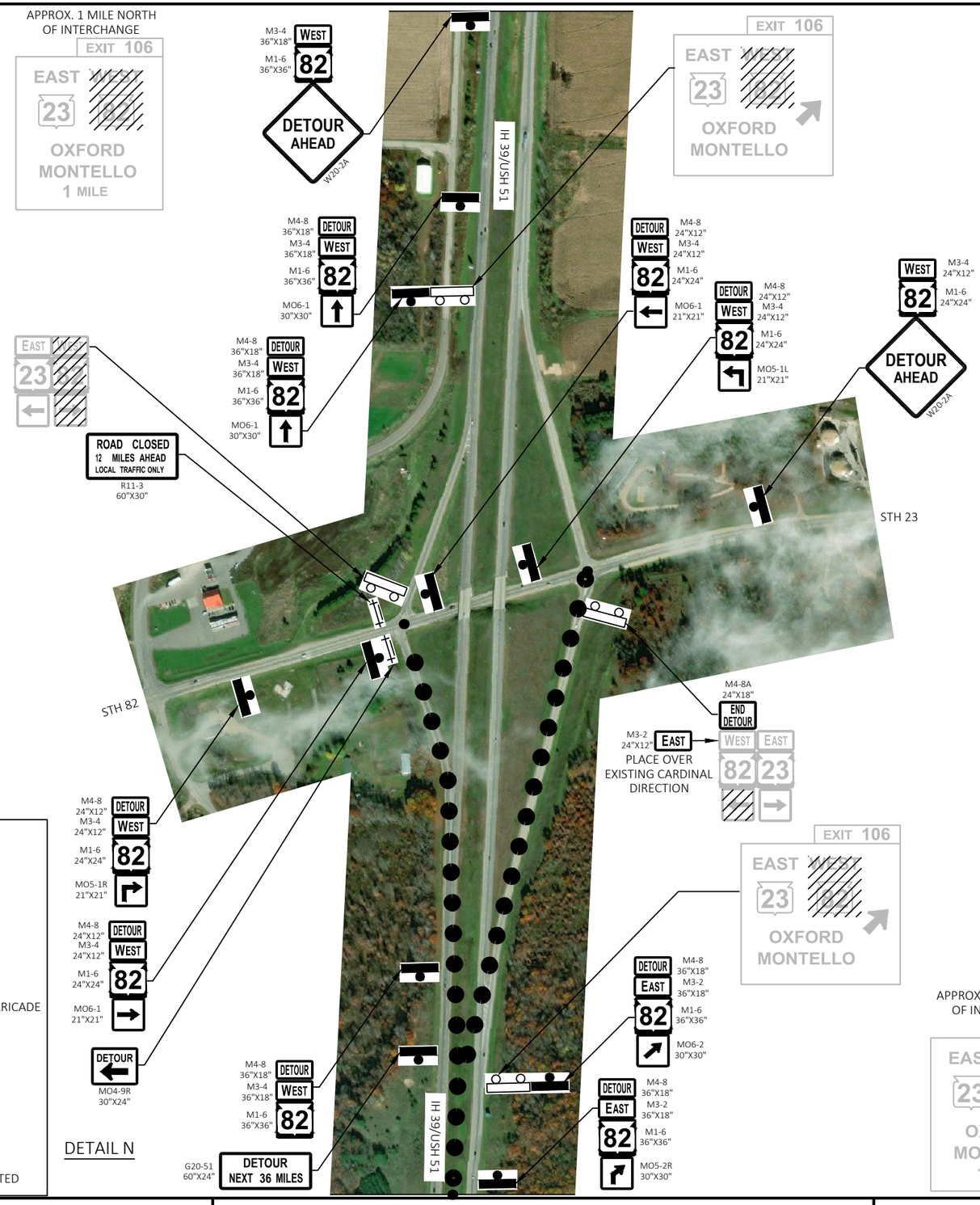
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	DETOUR PLAN - DETAILS J - L	SHEET 33 E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\027003-DT.DWG
LAYOUT NAME - 04-dt
PLOT DATE : 12/9/2019 1:53 PM
PLOT BY : KRUEGER, MARIAH R
PLOT NAME :
PLOT SCALE : 1 IN:500 FT
WISDOT/CADDS SHEET 42



DETAIL M



DETAIL N

LEGEND

- DETOUR ROUTE
- EXISTING SIGN ON POST(S)
- PROPOSED SIGN ON POST(S)
- PROPOSED SIGN ON TYPE III BARRICADE
- EXISTING SIGN
- PROPOSED SIGN
- COVER EXISTING SIGN

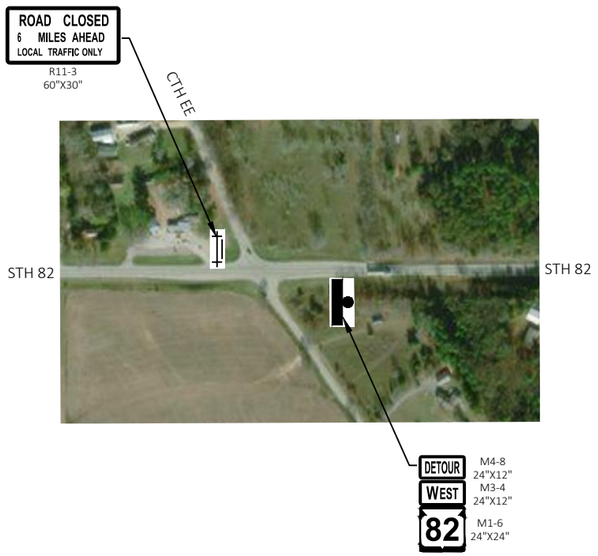
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	DETOUR PLAN - DETAILS M & N	SHEET 34	E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\027003-DT.DWG
LAYOUT NAME - 05-dt
PLOT DATE : 12/9/2019 1:53 PM
PLOT BY : KRUEGER, MARIAH R
PLOT NAME :
PLOT SCALE : ##########

2

DETAIL O



DETAIL P

LEGEND

- DETOUR ROUTE
- EXISTING SIGN ON POST(S)
- PROPOSED SIGN ON POST(S)
- PROPOSED SIGN ON TYPE III BARRICADE
- EXISTING SIGN
- PROPOSED SIGN
- COVER EXISTING SIGN

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	DETOUR PLAN - DETAILS O & P	SHEET 35	E

2

N

LEGEND

- DETOUR ROUTE
- EXISTING SIGN ON POST(S)
- PROPOSED SIGN ON POST(S)
- PROPOSED SIGN ON TYPE III BARRICADE
- EXISTING SIGN
- PROPOSED SIGN
- COVER EXISTING SIGN

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED

DETAIL Q

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	DETOUR PLAN - DETAIL Q	SHEET 36	E

1430-01-77

Line	Item	Item Description	Unit	Total	Qty
0002	203.0100	Removing Small Pipe Culverts	EACH	10.000	10.000
0004	204.0100	Removing Concrete Pavement	SY	110,560.000	110,560.000
0006	204.0115	Removing Asphaltic Surface Butt Joints	SY	424.000	424.000
0008	205.0100	Excavation Common	CY	86,028.000	86,028.000
0010	213.0100	Finishing Roadway (project) 01. 1430-01-77	EACH	1.000	1.000
0012	305.0110	Base Aggregate Dense 3/4-Inch	TON	6,763.000	6,763.000
0014	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	67,564.000	67,564.000
0016	415.0080	Concrete Pavement 8-Inch	SY	108,000.000	108,000.000
0018	415.0210	Concrete Pavement Gaps	EACH	31.000	31.000
0020	416.1180	Concrete Intersection Rumble Strips	SY	75.000	75.000
0022	455.0605	Tack Coat	GAL	182.000	182.000
0024	460.2000	Incentive Density HMA Pavement	DOL	328.000	328.000
0026	460.6224	HMA Pavement 4 MT 58-28 S	TON	541.000	541.000
0028	465.0115	Asphaltic Surface Detours	TON	1,100.000	1,100.000
0030	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	51.000	51.000
0032	465.0315	Asphaltic Flumes	SY	31.000	31.000
0034	509.9015.S	Removing Polymer Overlay (structure) 01. B-39-69	SY	317.000	317.000
0036	516.0600.S	Sheet Membrane Waterproofing	SY	202.000	202.000
0038	520.1018	Apron Endwalls for Culvert Pipe 18-Inch	EACH	8.000	8.000
0040	520.1024	Apron Endwalls for Culvert Pipe 24-Inch	EACH	12.000	12.000
0042	520.4118	Culvert Pipe Class IV 18-Inch	LF	182.000	182.000
0044	520.4124	Culvert Pipe Class IV 24-Inch	LF	288.000	288.000
0046	601.0555	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	LF	475.000	475.000
0048	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	54.000	54.000
0050	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1430-01-77	EACH	1.000	1.000
0052	619.1000	Mobilization	EACH	1.000	1.000
0054	624.0100	Water	MGAL	1,068.000	1,068.000
0056	625.0100	Topsoil	SY	9,710.000	9,710.000
0058	628.1504	Silt Fence	LF	3,410.000	3,410.000
0060	628.1520	Silt Fence Maintenance	LF	3,410.000	3,410.000
0062	628.1905	Mobilizations Erosion Control	EACH	10.000	10.000
0064	628.1910	Mobilizations Emergency Erosion Control	EACH	3.000	3.000
0066	628.2004	Erosion Mat Class I Type B	SY	9,710.000	9,710.000
0068	628.7015	Inlet Protection Type C	EACH	5.000	5.000
0070	628.7504	Temporary Ditch Checks	LF	830.000	830.000
0072	628.7555	Culvert Pipe Checks	EACH	25.000	25.000
0074	628.7570	Rock Bags	EACH	320.000	320.000
0076	629.0210	Fertilizer Type B	CWT	31.000	31.000
0078	630.0130	Seeding Mixture No. 30	LB	910.000	910.000

1430-01-77

Line	Item	Item Description	Unit	Total	Qty
0080	630.0140	Seeding Mixture No. 40	LB	41.000	41.000
0082	630.0500	Seed Water	MGAL	1,160.000	1,160.000
0084	638.2102	Moving Signs Type II	EACH	5.000	5.000
0086	642.5001	Field Office Type B	EACH	1.000	1.000
0088	643.0300	Traffic Control Drums	DAY	57,100.000	57,100.000
0090	643.0420	Traffic Control Barricades Type III	DAY	8,930.000	8,930.000
0092	643.0705	Traffic Control Warning Lights Type A	DAY	14,060.000	14,060.000
0094	643.0900	Traffic Control Signs	DAY	56,530.000	56,530.000
0096	643.0910	Traffic Control Covering Signs Type I	EACH	4.000	4.000
0098	643.0920	Traffic Control Covering Signs Type II	EACH	7.000	7.000
0100	643.1000	Traffic Control Signs Fixed Message	SF	128.000	128.000
0102	643.5000	Traffic Control	EACH	1.000	1.000
0104	646.1020	Marking Line Epoxy 4-Inch	LF	31,210.000	31,210.000
0106	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	62,840.000	62,840.000
0108	646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF	400.000	400.000
0110	646.4520	Marking Line Same Day Epoxy 4-Inch	LF	350.000	350.000
0112	646.6120	Marking Stop Line Epoxy 18-Inch	LF	60.000	60.000
0114	648.0100	Locating No-Passing Zones	MI	6.100	6.100
0116	650.4500	Construction Staking Subgrade	LF	32,477.000	32,477.000
0118	650.5000	Construction Staking Base	LF	486.000	486.000
0120	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	54.000	54.000
0122	650.6000	Construction Staking Pipe Culverts	EACH	10.000	10.000
0124	650.7000	Construction Staking Concrete Pavement	LF	32,041.000	32,041.000
0126	650.8000	Construction Staking Resurfacing Reference	LF	31,967.000	31,967.000
0128	650.9910	Construction Staking Supplemental Control (project) 01. 1430-01-77	LS	1.000	1.000
0130	650.9920	Construction Staking Slope Stakes	LF	13,450.000	13,450.000
0132	690.0150	Sawing Asphalt	LF	561.000	561.000
0134	690.0250	Sawing Concrete	LF	30.000	30.000
0136	715.0415	Incentive Strength Concrete Pavement	DOL	32,400.000	32,400.000
0138	715.0710	Optimized Aggregate Gradation Incentive	DOL	85,050.000	85,050.000
0140	740.0440	Incentive IRI Ride	DOL	24,340.000	24,340.000
0142	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,400.000	2,400.000
0144	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	2,760.000	2,760.000
0146	SPV.0060	Special 01. Reestablish Section Corner Monuments	EACH	12.000	12.000

REMOVING PAVEMENT

STATION	-	STATION	LOCATION	204.0100 SY	REMARKS
3+18	-	54+00	LT & RT	17200	
54+00	-	110+00	LT & RT	18800	
110+00	-	162+00	LT & RT	17500	
162+00	-	215+00	LT & RT	17800	
215+00	-	270+00	LT & RT	18500	
270+00	-	322+85	LT & RT	18600	
50+15"JN"	-	50+36"JN"	LT & RT	90	13TH DR
49+48"KS"	-	49+85"KS"	LT & RT	150	13TH CT
49+54"LS"	-	49+85"LS"	LT & RT	120	11TH AVE S
50+15"LN"	-	50+45"LN"	LT & RT	110	11TH AVE N
49+50"MS"	-	49+85"MS"	LT & RT	140	10TH AVE S
50+15"MN"	-	50+54"MN"	LT & RT	140	10TH AVE N
49+67"PS"	-	49+85"PS"	LT & RT	70	9TH AVE S
50+15"PN"	-	50+39"PN"	LT & RT	100	9TH AVE N
49+57"QS"	-	49+85"QS"	LT & RT	110	8TH AVE S
50+15"QN"	-	50+38"QN"	LT & RT	100	8TH AVE N
48+74"BS"	-	49+76"BS"	LT & RT	500	CTH B S
50+24"BN"	-	51+27"BN"	LT & RT	530	CTH B N
			TOTAL	110560	

REMOVING ASPHALTIC SURFACE BUTT JOINTS

STATION	-	STATION	LOCATION	204.0115 SY	REMARKS
171+89	-	172+36	LT & RT	170	B-39-69 WEST APPROACH
171+89	-	172+36	LT	21	B-39-69 WEST APPROACH AT CURB
171+89	-	172+36	RT	21	B-39-69 WEST APPROACH AT CURB
173+18	-	173+65	LT & RT	170	B-39-69 EAST APPROACH
173+18	-	173+65	LT	21	B-39-69 EAST APPROACH AT CURB
173+18	-	173+65	RT	21	B-39-69 EAST APPROACH AT CURB
			TOTAL	424	

REMOVING POLYMER OVERLAY B-39-69 APPROACHES

STATION	-	STATION	LOCATION	509.9015.S SY	REMARKS
172+36	-	172+52	LT & RT	57	ON CONCRETE APPROACH SLAB
173+02	-	173+18	LT & RT	58	ON CONCRETE APPROACH SLAB
			TOTAL	115	

EARTHWORK SUMMARY

ROADWAY	FROM/TO STATION	205.0100 COMMON EXCAVATION (1) CUT (2)	205.0100 COMMON EXCAVATION (1) EBS EXCAVATION (3)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (6) FACTOR 1.25	MASS ORDINATE +/- (7)	WASTE (8)
STH 82	03+18/322+70	80,804	0	26,798	54,006	0	0	54,006	54,006
13TH DR	50+25/50+36	27	0	9	18	0	0	18	18
13TH CT	49+48/49+75	81	0	24	57	0	0	57	57
11TH AVE S	49+35/49+75	104	0	29	75	0	0	75	75
11TH AVE N	50+25/50+45	63	0	15	48	0	0	48	48
10TH AVE S	49+50/49+75	85	0	23	62	0	0	62	62
10TH AVE N	50+25/50+54	101	0	25	76	0	0	76	76
9TH AVE S	49+50/49+75	70	0	19	51	0	0	51	51
9TH AVE N	50+25/50+60	111	0	29	82	0	0	82	82
8TH AVE S	49+57/49+75	59	0	16	43	0	0	43	43
8TH AVE N	50+25/50+50	77	0	20	57	0	0	57	57
CTH B S	48+74/49+50	217	0	69	148	0	0	148	148
CTH B N	50+50/51+27	229	0	78	151	0	0	151	151
UNDISTRIBUTED		0	4000	0	4,000	0	0	4,000	4,000
TOTAL		82,028	4,000	27,154	58,874	0	0	58,874	58,874

NOTES:

(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100

(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.

(3) EBS EXCAVATION TO BE BACKFILLED WITH BAD 1 1/4-INCH.

(4) SALVAGED/UNUSABLE PAVEMENT MATERIAL DOES NOT SHOW UP IN CROSS SECTIONS

(5) AVAILABLE MATERIAL = COMMON EXCAVATION - SALVAGED/UNUSUABLE PAVEMENT MATERIAL

(6) EXPANDED FILL FACTOR = 1.25

(7) THE MASS ORDINATE + OR - QTY CALCULATED. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL. MINUS INDICATES A SHORTAGE OF MATERIAL.

(8) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

BASE AGGREGATE DENSE

STATION	-	STATION	LOCATION	305.0110** 3/4-INCH TON	305.0120* 1 1/4-INCH TON	REMARKS
3+18	-	54+00	LT & RT	1065	8830	
54+00	-	110+00	LT & RT	1170	10380	
110+00	-	162+00	LT & RT	1065	8870	
162+00	-	215+00	LT & RT	1110	9040	
215+00	-	270+00	LT & RT	1150	9380	
270+00	-	322+85	LT & RT	1190	9850	
50+15"JN"	-	50+36"JN"	LT & RT	-	70	13TH DR
49+48"KS"	-	49+85"KS"	LT & RT	-	120	13TH CT
49+35"LS"	-	49+85"LS"	LT & RT	-	140	11TH AVE S
50+15"LN"	-	50+45"LN"	LT & RT	-	90	11TH AVE N
49+50"MS"	-	49+85"MS"	LT & RT	-	130	10TH AVE S
50+15"MN"	-	50+54"MN"	LT & RT	-	130	10TH AVE N
49+50"PS"	-	49+85"PS"	LT & RT	-	90	9TH AVE S
50+15"PN"	-	50+60"PN"	LT & RT	-	120	9TH AVE N
49+57"QS"	-	49+85"QS"	LT & RT	-	100	8TH AVE S
50+15"QN"	-	50+50"QN"	LT & RT	-	100	8TH AVE N
48+74"BS"	-	49+34"BS"	LT & RT	7	690	CTH B S
50+64"BN"	-	51+27"BN"	LT & RT	6	700	CTH B N
PROJECT WIDE			LT & RT	-	8000	TEMP ACCESS
			TOTALS	6763	66830	

*ITEM ALSO SHOWN IN DRIVEWAY ITEMS QUANTITY TABLE

**INTERSECTION 3/4-INCH QUANTITIES INCLUDED IN MAINLINE STATIONING UNLESS OTHERWISE NOTED

CONCRETE PAVEMENT GAPS

STATION	LOCATION	415.0210 EACH	REMARKS
11+50	RT	1	DRIVEWAY
16+65	LT	1	DRIVEWAY
19+15	RT	1	DRIVEWAY
25+60	RT	1	DRIVEWAY
38+15	LT	1	DRIVEWAY
47+10	LT	1	DRIVEWAY
60+20	LT	1	DRIVEWAYS
61+85	RT	1	DRIVEWAYS
67+75	RT	1	DRIVEWAY
70+00	LT	1	DRIVEWAY
74+05	RT	1	DRIVEWAY
80+85	RT	1	DRIVEWAY
93+00	LT	1	DRIVEWAY
40+85	RT	1	11TH AVE INTERSECTION
40+85	LT	1	11TH AVE INTERSECTION
116+85	RT	1	DRIVEWAY
135+90	RT	1	DRIVEWAY
142+95	RT	1	DRIVEWAY
163+30	RT	1	DRIVEWAY
216+05	LT	1	DRIVEWAY
218+55	RT	1	DRIVEWAY
228+30	LT	1	DRIVEWAY
231+70	LT	1	DRIVEWAY
239+75	LT	1	DRIVEWAY
246+00	LT	1	DRIVEWAYS
274+45	LT	1	DRIVEWAYS
281+25	LT	1	DRIVEWAY
289+20	LT	1	DRIVEWAY
296+05	LT	1	DRIVEWAY
318+55	LT	1	CTH B INTERSECTION
318+55	RT	1	CTH B INTERSECTION
	TOTAL	31	

ASPHALT ITEMS

STATION	-	STATION	LOCATION	455.0605 TACK COAT GAL	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	465.0115 ASPHALTIC SURFACE DETOURS TON	REMARKS
3+18	-	3+68	LT & RT	28	71	-	BEGIN PROJECT
50+15"JN"	-	50+36"JN"	LT & RT	7	22	-	13TH DR
49+48"KS"	-	49+85"KS"	LT & RT	11	37	-	13TH CT
49+35"LS"	-	49+85"LS"	LT & RT	13	42	-	11TH AVE S
50+15"LN"	-	50+45"LN"	LT & RT	9	29	-	11TH AVE N
49+50"MS"	-	49+85"MS"	LT & RT	11	36	-	10TH AVE S
50+15"MN"	-	50+54"MN"	LT & RT	12	39	-	10TH AVE N
49+50"PS"	-	49+85"PS"	LT & RT	9	28	-	9TH AVE S
50+15"PN"	-	50+60"PN"	LT & RT	12	38	-	9TH AVE N
49+57"QS"	-	49+85"QS"	LT & RT	10	30	-	8TH AVE S
50+15"QN"	-	50+50"QN"	LT & RT	9	30	-	8TH AVE N
48+74"BS"	-	49+14"BS"	LT & RT	9	28	-	CTH B S
50+86"BN"	-	51+27"BN"	LT & RT	10	32	-	CTH B N
171+52	-	172+72	LT & RT	16	26	-	B-39-69 WEST APPROACH
173+02	-	174+02	LT & RT	16	25	-	B-39-69 EAST APPROACH
UNDISTRIBUTED				-	-	1100	DETOUR ROUTE
			TOTALS	182	513	1100	

ASPHALTIC FLUMES

STATION	LOCATION	465.0315 SY
317+80	RT	5
49+35"BS"	RT	5
50+65"BN"	LT	8
50+90"BN"	RT	13
	TOTAL	31

CONCRETE PAVEMENT 8-INCH

STATION	-	STATION	LOCATION	415.0080 SY
3+18	-	54+00	LT & RT	16810
54+00	-	110+00	LT & RT	18670
110+00	-	162+00	LT & RT	17350
162+00	-	215+00	LT & RT	17670
215+00	-	270+00	LT & RT	18330
270+00	-	322+85	LT & RT	18470
49+14"BS"	-	49+76"BS"	LT & RT	340
50+24"BN"	-	50+86"BN"	LT & RT	360
			TOTAL	108000

CONCRETE INTERSECTION RUMBLE STRIPS

STATION	-	STATION	LOCATION	416.1180 SY
4+10	-	4+35	LT & RT	25
6+35	-	6+60	LT & RT	25
9+85	-	10+10	LT & RT	25
			TOTAL	75

CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH

STATION	-	STATION	LOCATION	601.0555 TYPE A LF	601.0511 TYPE D LF	REMARKS
159+28	-	161+24	RT	169	54	10TH AVE SE QUAD
317+80	-	318+40	RT	94	-	CTH B SW QUAD
318+04	-	318+42	LT	58	-	CTH B NW QUAD
318+71	-	319+13	RT	60	-	CTH B SE QUAD
318+73	-	319+33	LT	94	-	CTH B NE QUAD
			TOTAL	475	54	

3

DRIVEWAY ITEMS

STATION	LOCATION	305.0120* BASE AGGREGATE DENSE 1 1/4-INCH TON	465.0105 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
11+50	RT	12	4
16+65	LT	14	5
19+15	RT	11	4
25+60	RT	8	-
28+30	RT	9	-
38+15	LT	14	-
40+80	LT	9	-
47+10	LT	12	4
60+20	LT	17	-
61+85	RT	15	-
62+10	LT	12	-
63+65	RT	19	-
67+75	RT	14	5
70+00	LT	14	-
74+05	RT	13	-
75+85	RT	7	-
80+85	RT	14	5
83+80	LT	10	-
93+00.	LT	11	4
93+25	RT	8	-
116+85	RT	16	-
135+15	LT	13	-
135+90	RT	10	-
142+95	RT	18	-
157+25	LT	13	-
161+00	RT	17	6
163+30	RT	16	6
169+75	RT	11	-
172+50	LT	13	-
179+75	RT	7	-
185+35	LT	9	-
185+85	RT	24	-
	SUBTOTAL	410	43

DRIVEWAY ITEMS CONT'D

STATION	LOCATION	305.0120* BASE AGGREGATE DENSE 1 1/4-INCH TON	465.0105 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
199+05	RT	15	-
199+25	LT	21	-
216+05	LT	9	-
218+55	RT	13	-
222+35	RT	14	-
228+30	LT	9	-
230+10	LT	9	-
231+70	LT	15	5
237+95	RT	16	-
238+45	LT	9	-
239+75	LT	9	-
242+50	RT	12	-
243+90	LT	12	-
246+00	LT	10	3
250+95	RT	16	-
271+45	LT	8	-
274+45	LT	10	-
277+10	LT	11	-
281+25	LT	11	-
284+95	RT	12	-
289+20	LT	13	-
291+30	RT	10	-
296+05	LT	13	-
296+45	RT	9	-
299+75	RT	10	-
305+15	RT	9	-
305+35	LT	19	-
	SUBTOTAL	324	8
	TOTAL	734	51

*ITEM ALSO SHOWN IN BASE AGGREGATE DENSE QUANTITY TABLE

WATER

STATION		STATION	LOCATION	624.0100 MGAL	REMARKS
3+18	-	54+00	LT & RT	143	
54+00	-	110+00	LT & RT	167	
110+00	-	162+00	LT & RT	144	
162+00	-	215+00	LT & RT	147	
215+00	-	270+00	LT & RT	152	
270+00	-	322+85	LT & RT	159	
50+15"JN"	-	50+36"JN"	LT & RT	1	13TH DR
49+48"KS"	-	49+85"KS"	LT & RT	2	13TH CT
49+35"LS"	-	49+85"LS"	LT & RT	2	11TH AVE S
50+15"LN"	-	50+45"LN"	LT & RT	1	11TH AVE N
49+50"MS"	-	49+85"MS"	LT & RT	2	10TH AVE S
50+15"MN"	-	50+54"MN"	LT & RT	2	10TH AVE N
49+50"PS"	-	49+85"PS"	LT & RT	1	9TH AVE S
50+15"PN"	-	50+60"PN"	LT & RT	2	9TH AVE N
49+57"QS"	-	49+85"QS"	LT & RT	1	8TH AVE S
50+15"QN"	-	50+50"QN"	LT & RT	1	8TH AVE N
48+74"BS"	-	49+76"BS"	LT & RT	10	CTH B S
50+24"BN"	-	51+27"BN"	LT & RT	11	CTH B N
PROJECT WIDE			LT & RT	120	TEMP ACCESS
			TOTAL	1068	

CULVERT ITEMS

STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	520.1018 APRON ENDWALLS FOR CULVERT PIPE 18-INCH EACH	520.1024 APRON ENDWALLS FOR CULVERT PIPE 24-INCH EACH	520.4118 CULVERT PIPE CLASS IV 18-INCH LF	520.4124 CULVERT PIPE CLASS IV 24-INCH LF	REMARKS
131+97	LT & RT	1	-	2	-	50	CULV #01082004822
180+66	LT & RT	1	-	2	-	46	CULV #01082004823
206+46	LT & RT	1	-	2	-	48	CULV #01082004825
258+19	LT & RT	1	-	2	-	44	CULV #01082004826
303+28	LT & RT	1	-	2	-	46	CULV #01082004827
311+64	LT & RT	1	-	2	-	54	CULV #01082004828
49+73"PS"	LT & RT	1	2	-	44	-	9TH AVE SOUTH
50+33"PN"	LT & RT	1	2	-	44	-	9TH AVE NORTH
49+67"QS"	LT & RT	1	2	-	50	-	8TH AVE SOUTH
50+30"QN"	LT & RT	1	2	-	44	-	8TH AVE NORTH
	TOTALS	10	8	12	182	288	

NOTE: PROPOSED CULVERT LENGTHS ARE BASED ON STEEL PIPES AND ENDWALLS. LENGTHS WILL NEED TO BE ADJUSTED IF ANOTHER MATERIAL IS CHOSEN. REQUIRED STEEL THICKNESS IS 0.064". ALL EXISTING PIPES ARE CMCP'S OF THE SAME SIZE AND LENGTH AS THE PROPOSED CULVERTS.

3

EROSION CONTROL & FINISHING ITEMS

STATION	-	STATION	LOCATION	625.0100 TOPSOIL SY	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2004 EROSION MAT CLASS I TYPE B SY	628.7504 TEMPORARY DITCH CHECKS LF	628.7015 INLET PROTECTION TYPE C EACH	628.7555 CULVERT PIPE CHECK EACH	628.7570 ROCK BAGS EACH	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0140 SEEDING MIXTURE NO. 40 LB	630.0500 SEED WATER MGAL
3+18	-	54+00	LT & RT	2480	-	-	-	-	2480	130	-	1	-	5	140	9	180
54+00	-	110+00	LT & RT	1890	1240	1240	-	-	1890	130	-	2	120	5	130	17	180
110+00	-	162+00	LT & RT	900	200	200	-	-	900	130	-	3	15	4	120	5	150
162+00	-	215+00	LT & RT	1010	600	600	-	-	1010	120	-	6	60	4	120	1	150
215+00	-	270+00	LT & RT	890	400	400	-	-	890	80	-	5	45	4	130	-	160
270+00	-	322+85	LT & RT	920	400	400	-	-	920	100	-	4	30	4	120	2	150
B-69-69			LT & RT	-	-	-	-	-	-	-	4	-	-	-	-	-	-
UNDISTRIBUTED				1620	570	570	10	3	1620	140	1	4	50	5	150.0	7	190.0
			TOTALS	9710	3410	3410	10	3	9710	830	5	25	320	31	910	41	1160

3

MOVING SIGNS TYPE II

STATION	LOCATION	638.2102 MOVING SIGNS TYPE II EACH	REMARKS
	UNDISTRIBUTED	5	TO MOVE ANY SIGNS INTERFERING WITH CONSTRUCTION OPERATIONS AND FOR RELOCATING NO PASSING ZONE SIGNS IF NECESSARY
	TOTALS	5	

TRAFFIC CONTROL

	DURATION (DAYS)	643.0300 TRAFFIC CONTROL DRUMS EACH	643.0300 TRAFFIC CONTROL DRUMS DAYS	643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAYS	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAYS	643.0900 TRAFFIC CONTROL SIGNS EACH	643.0900 TRAFFIC CONTROL SIGNS DAYS	643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I* EACH	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II* EACH	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF
DETOUR DETAILS A-C	190	-	-	2	380	4	760	35	6650	-	5	-
DETOUR DETAILS D-F	190	-	-	-	-	-	-	56	10640	-	-	-
DETOUR DETAILS G-I	190	-	-	-	-	-	-	18	3420	-	-	-
DETOUR DETAILS J-L	190	-	-	-	-	-	-	72	13680	-	-	-
DETOUR DETAILS M-N	190	-	-	2	380	4	760	52	9880	4	2	-
DETOUR DETAILS O-P	190	-	-	3	570	6	1140	12	2280	-	-	-
DETOUR DETAIL Q	190	-	-	2	380	4	760	10	1900	-	-	-
PVMT REP ADV WARNING	190	-	-	28	5320	56	10640	42	7980	-	-	64
PVMT REP WORK ZONE	190	300	57000	10	1900	-	-	-	-	-	-	-
BRIDGE ADV WARNING	10	-	-	-	-	-	-	10	100	-	-	64
BRIDGE WORK ZONE	10	10	100	-	-	-	-	-	-	-	-	-
	TOTALS		57100		8930		14060		56530	4	7	128

*ONE CYCLE REQUIRED FOR COVERING SIGNS TYPE I AND TYPE II

PAVEMENT MARKING

STATION		STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH YELLOW LF	646.1020 MARKING LINE EPOXY 4-INCH WHITE LF	646.1040 MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH WHITE LF	646.3040 MARKING LINE GROOVED WET REFLECTIVE EPOXY 8-INCH WHITE LF	646.4520 MARKING LINE SAME DAY EPOXY 4-INCH YELLOW LF	646.6120 MARKING STOP LINE EPOXY 18-INCH WHITE LF
3+18	-	54+00	LT & RT	9470	-	10000	-	-	-
54+00	-	110+00	LT & RT	7580	-	11040	-	-	-
110+00	-	162+00	LT & RT	1300	-	10190	-	-	-
162+00	-	215+00	LT & RT	5470	-	10460	-	-	-
215+00	-	270+00	LT & RT	4560	-	10840	-	-	-
270+00	-	322+85	LT & RT	2380	-	10310	400	-	-
171+89	-	173+65	LT & RT	-	-	-	-	350	-
48+74"BS"	-	50+00"BS"	LT & RT	130	100	-	-	-	30
50+00"BN"	-	51+27"BN"	LT & RT	130	90	-	-	-	30
			SUB TOTALS	31020	190				
			PROJECT TOTAL	31210		62840	400	350	60

REESTABLISH SECTION CORNER MONUMENTS

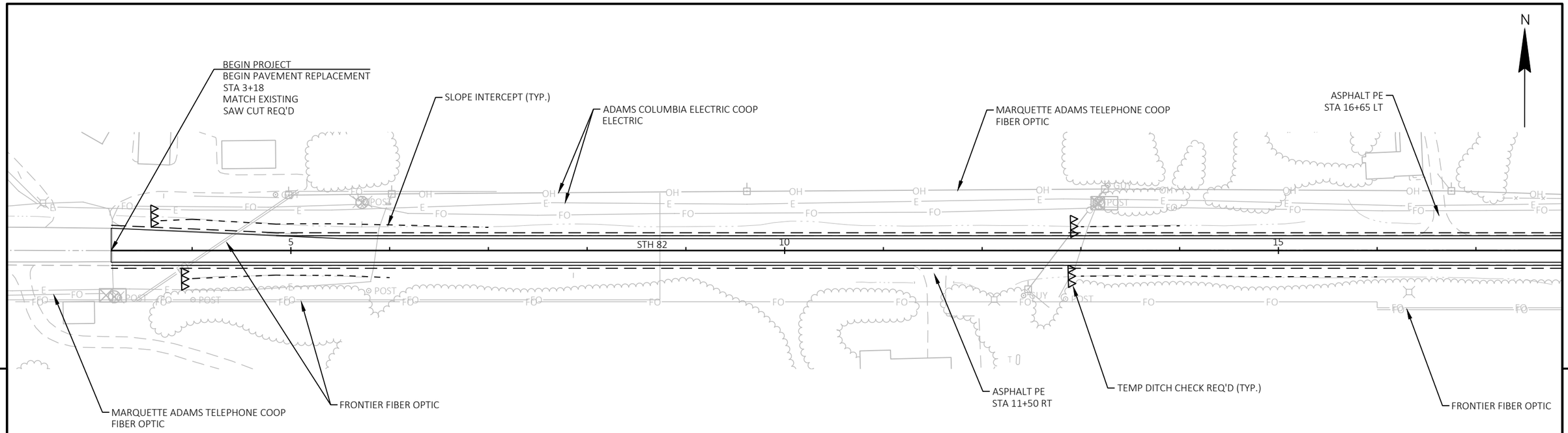
LANDMARK STATION	LANDMARK LOCATION	SPV.0060.01 EACH
27+81	LT	1
54+27	LT	1
80+62	LT	1
106+98	RT	1
133+13	LT	1
159+28	LT	1
185+59	RT	1
211+91	LT	1
238+30	RT	1
264+61	LT	1
291+57	LT	1
318+59	RT	1
	TOTAL	12

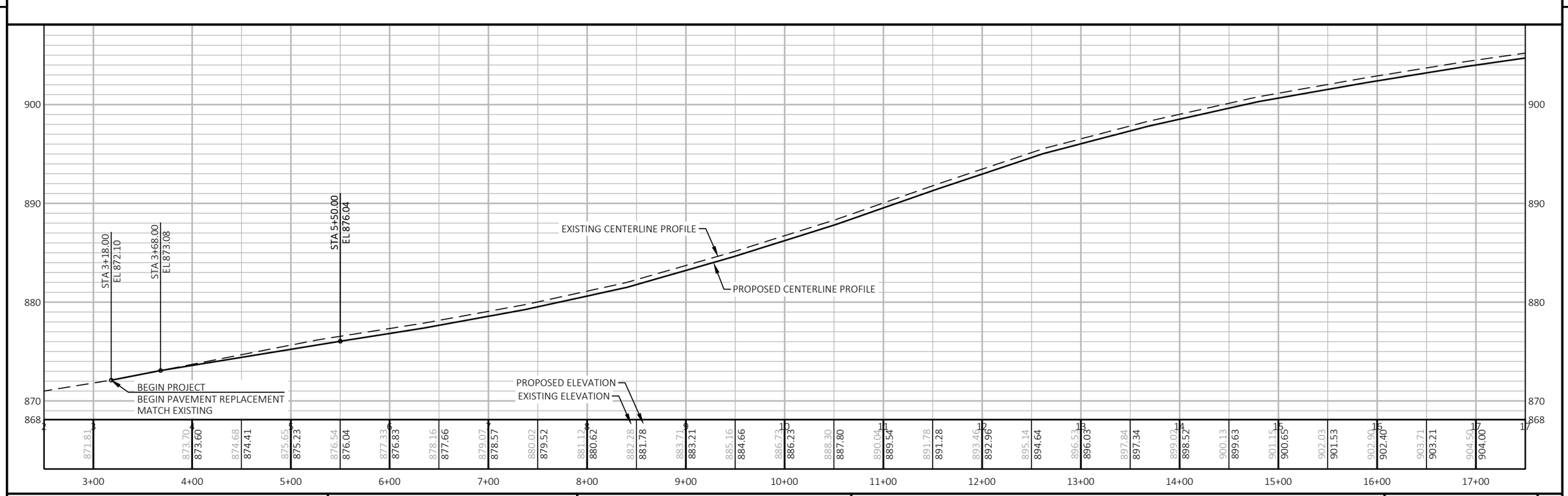
CONSTRUCTION STAKING

STATION		STATION	650.4500 SUBGRADE LF	650.5000 BASE LF	650.5500 CURB GUTTER AND CURB & GUTTER LF	650.6000 PIPE CULVERTS EACH	650.7000 CONCRETE PAVEMENT LF	650.8000 RESURFACING REFERENCE LF	650.9910 SUPPLEMENTAL CONTROL 1430-01-77 LS	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF
3+18	-	54+00	5032	50	-	-	5032	5082	-	2892
54+00	-	110+00	5600	-	-	-	5600	5600	-	2876
110+00	-	162+00	5200	-	-	1	5200	5200	-	1641
162+00	-	215+00	5300	-	-	2	5300	5300	-	2527
215+00	-	270+00	5500	-	-	1	5500	5500	-	1800
270+00	-	322+85	5285	-	-	2	5285	5285	-	1628
50+15"JN"	-	50+36"JN"	21	21	-	-	-	-	-	-
49+48"KS"	-	49+85"KS"	37	37	-	-	-	-	-	-
49+35"LS"	-	49+85"LS"	50	50	-	-	-	-	-	-
50+15"LN"	-	50+45"LN"	30	30	-	-	-	-	-	-
49+50"MS"	-	49+85"MS"	35	35	54	-	-	-	-	-
50+15"MN"	-	50+54"MN"	39	39	-	-	-	-	-	-
49+50"PS"	-	49+85"PS"	35	35	-	1	-	-	-	25
50+15"PN"	-	50+60"PN"	45	45	-	1	-	-	-	20
49+57"QS"	-	49+85"QS"	28	28	-	1	-	-	-	-
50+15"QN"	-	50+50"QN"	35	35	-	1	-	-	-	11
48+74"BS"	-	49+76"BS"	102	40	-	-	62	-	-	-
50+24"BN"	-	51+27"BN"	103	41	-	-	62	-	-	30
PROJECT WIDE			-	-	-	-	-	-	1	-
		TOTALS	32477	486	54	10	32041	31967	1	13450

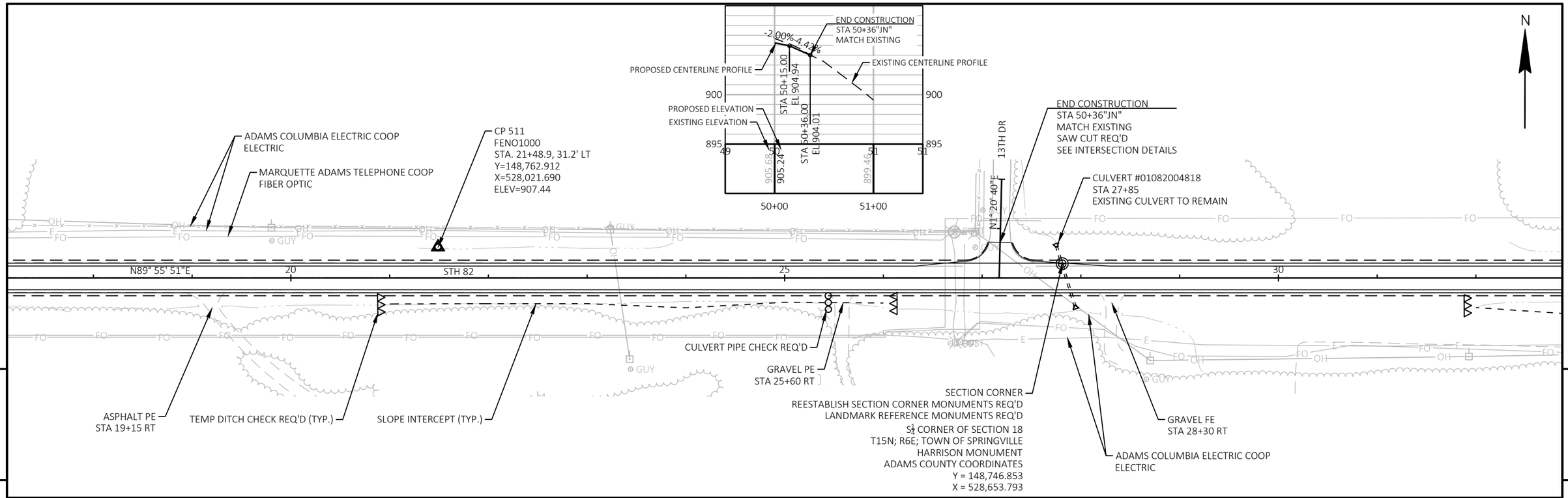
SAW CUTS

STATION	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
3+18	LT & RT	38	-	BEGIN PROJECT
322+85	LT & RT	-	30	END PROJECT
50+36"JN"	LT & RT	22	-	13TH DR
49+54"LS"	LT & RT	23	-	11TH AVE S
50+45"LN"	LT & RT	20	-	11TH AVE N
49+50"MS"	LT & RT	22	-	10TH AVE S
50+54"MN"	LT & RT	22	-	10TH AVE N
49+67"PS"	LT & RT	24	-	9TH AVE S
50+39"PN"	LT & RT	25	-	9TH AVE N
49+57"QS"	LT & RT	24	-	8TH AVE S
50+38"QN"	LT & RT	23	-	8TH AVE N
48+74"BS"	LT & RT	25	-	CTH B S
51+27"BN"	LT & RT	28	-	CTH B N
DRIVEWAYS		265	-	
	TOTAL	561	30	





PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 44	E



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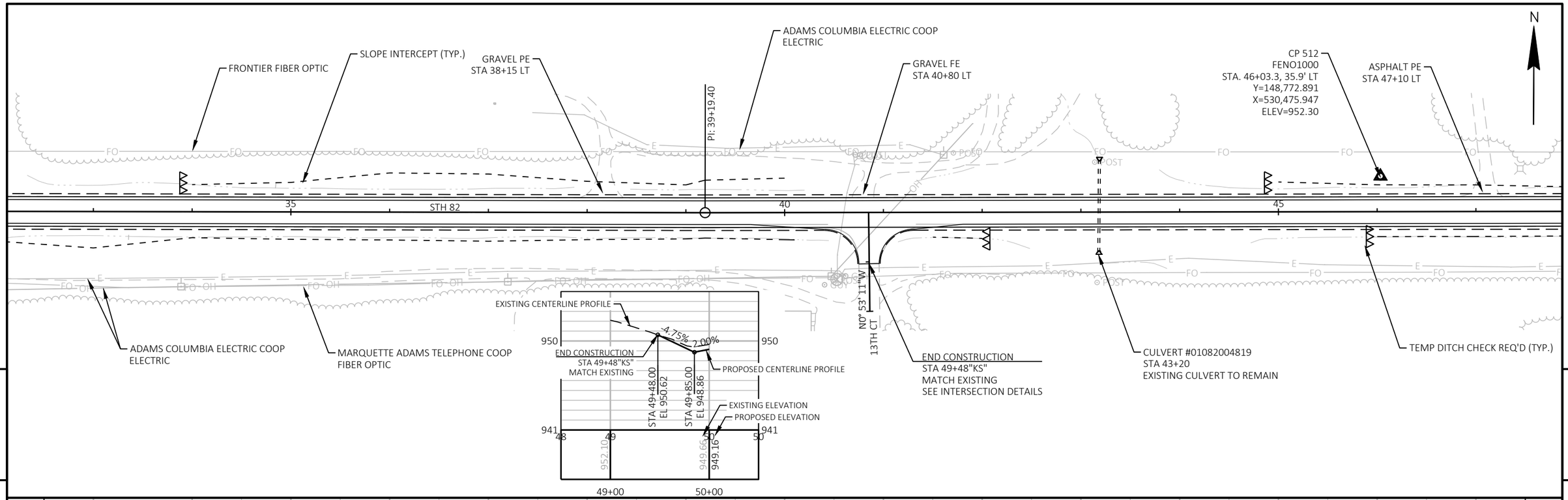
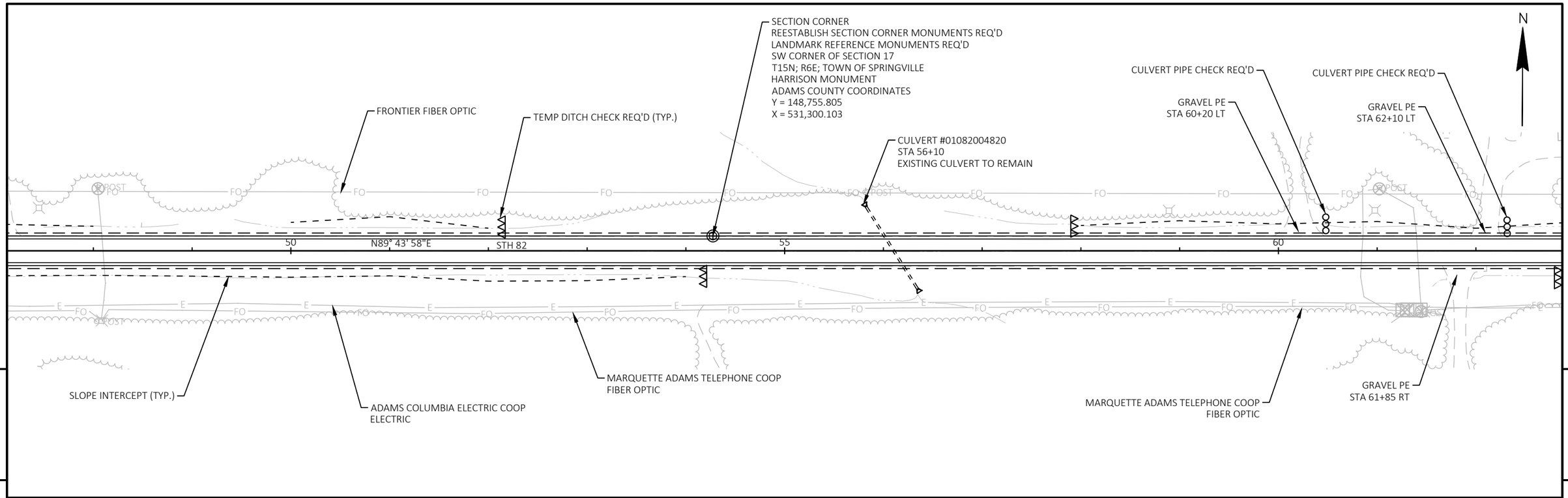
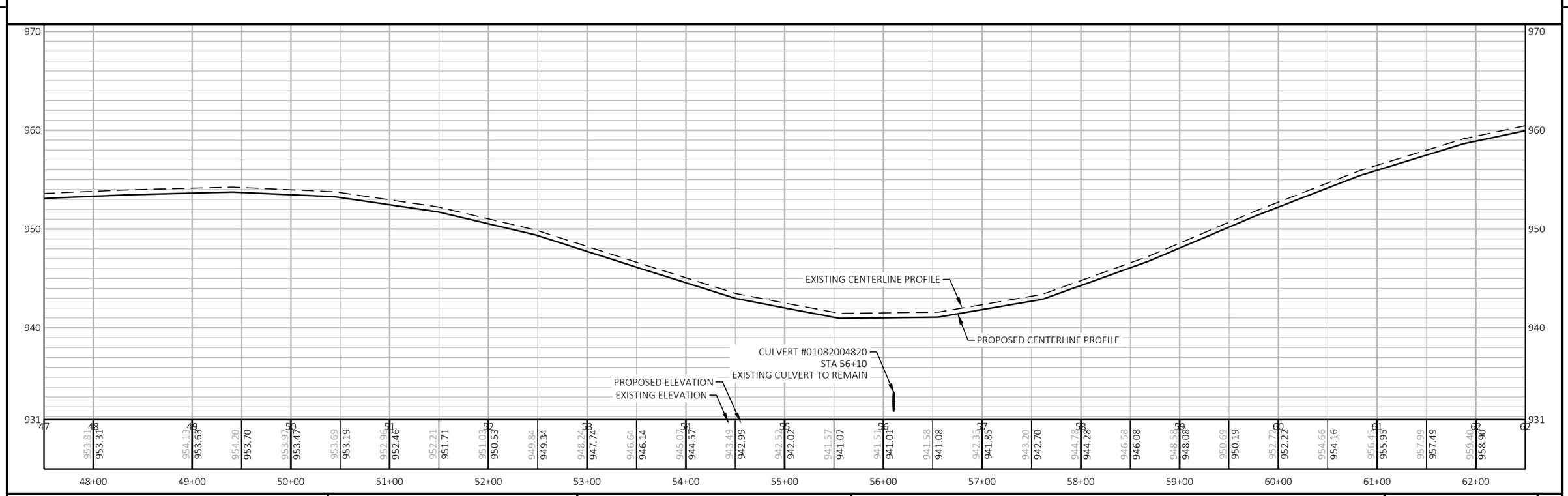


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 46 E

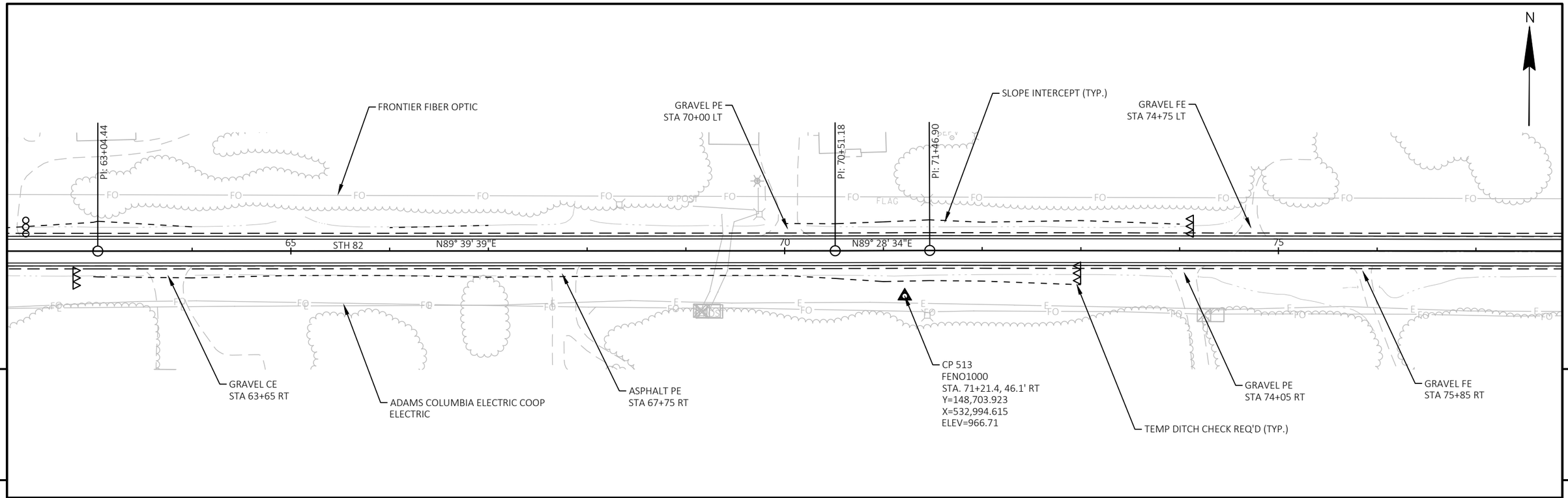
FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\050202-PP.DWG
LAYOUT NAME - (03)-pn
PLOT DATE : 12/16/2020 2:59 PM
PLOT BY : KRUEGER, MARIAH R
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

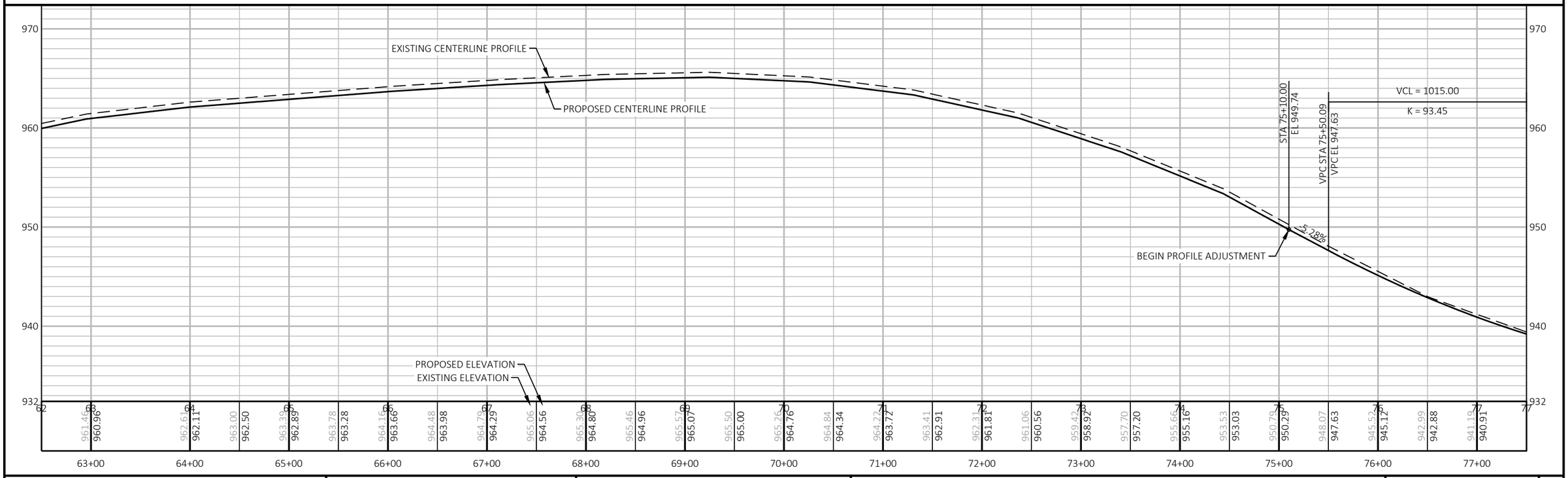




PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 47	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\050202-PP.DWG
LAYOUT NAME - (04)-pn
PLOT DATE : 12/16/2020 3:01 PM
PLOT BY : KRUEGER, MARIAH R
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

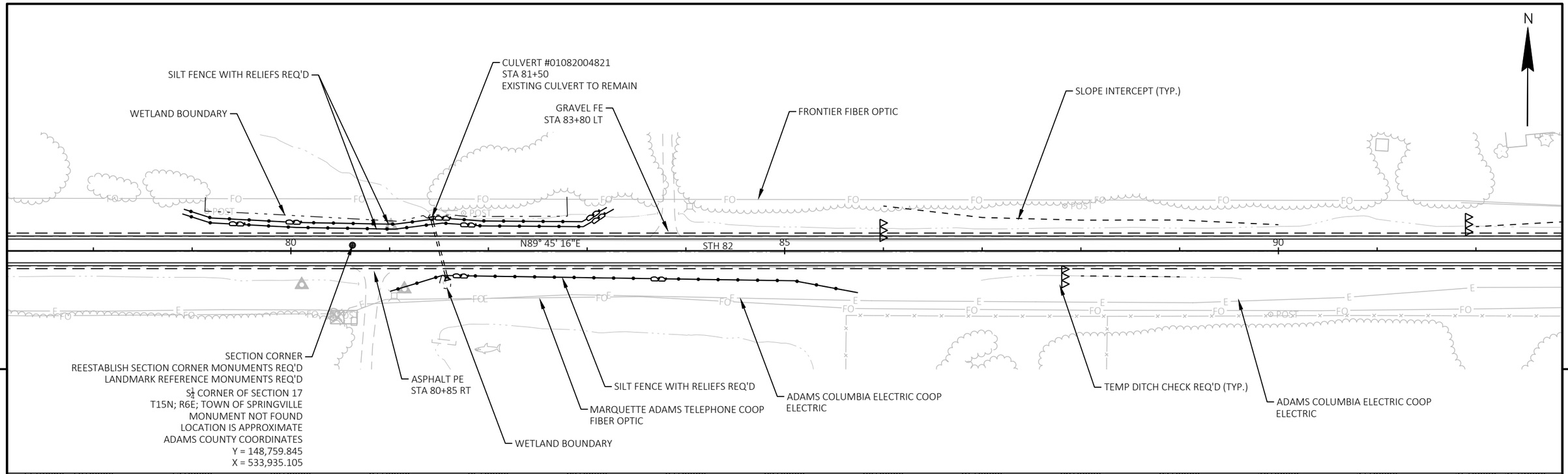




PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 48	E

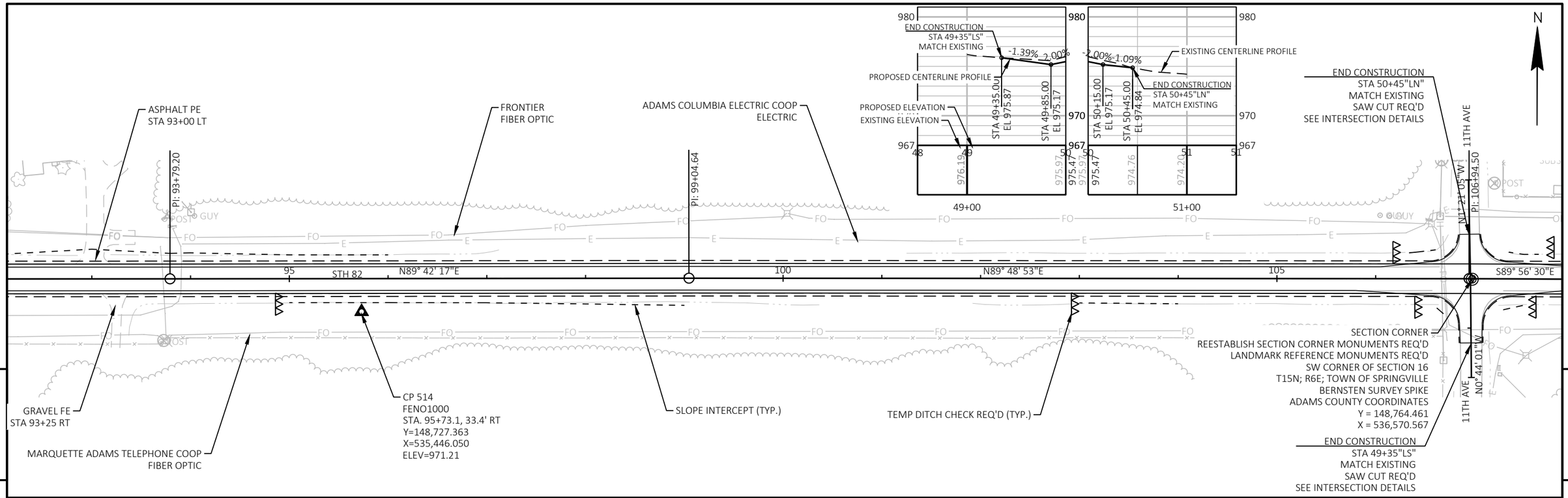
FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\050202-PP.DWG
LAYOUT NAME - (05)-pn

PLOT DATE : 12/16/2020 3:04 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 49	E

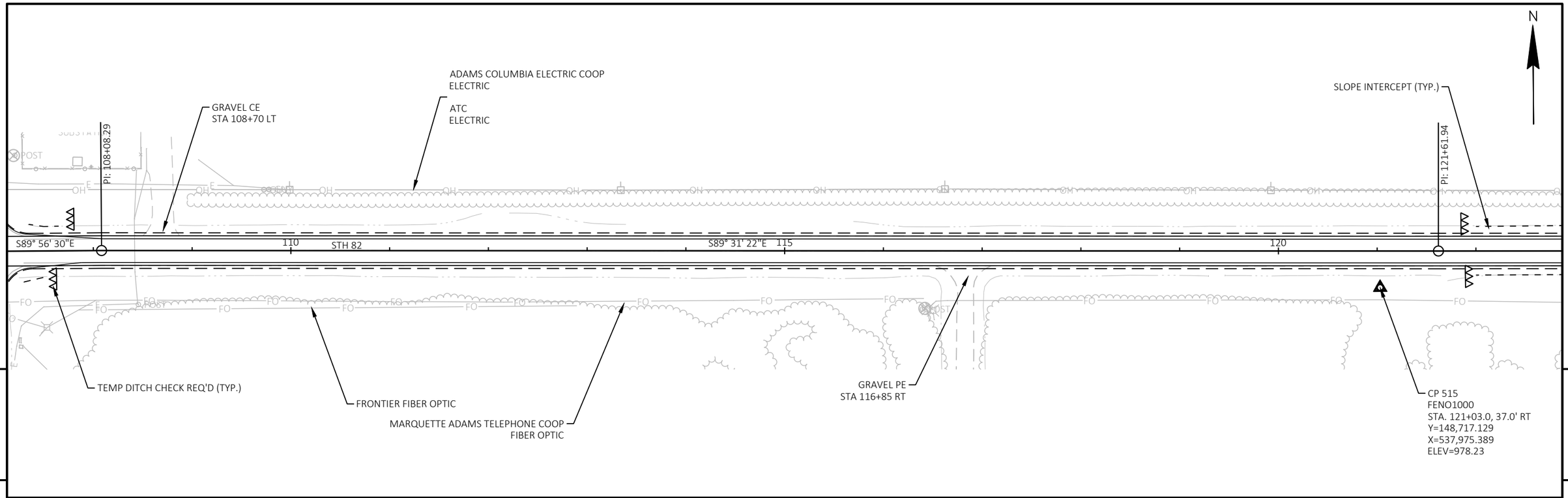
FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\050202-PP.DWG
LAYOUT NAME - (06)-pn
PLOT DATE : 12/16/2020 3:07 PM
PLOT BY : KRUEGER, MARIAH R
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

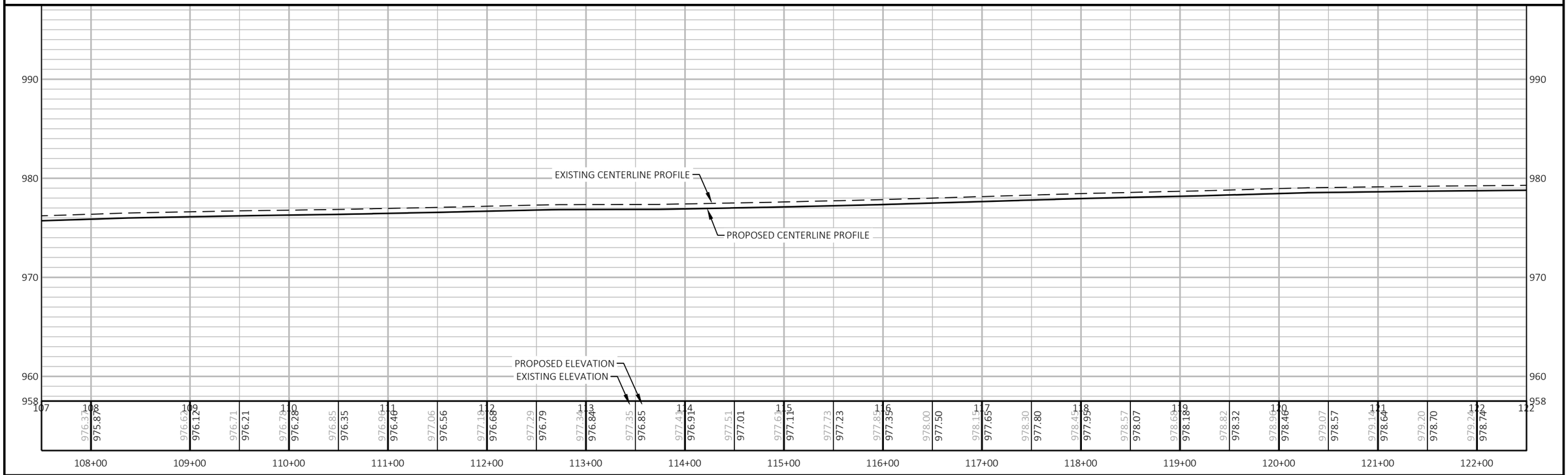


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 50	E

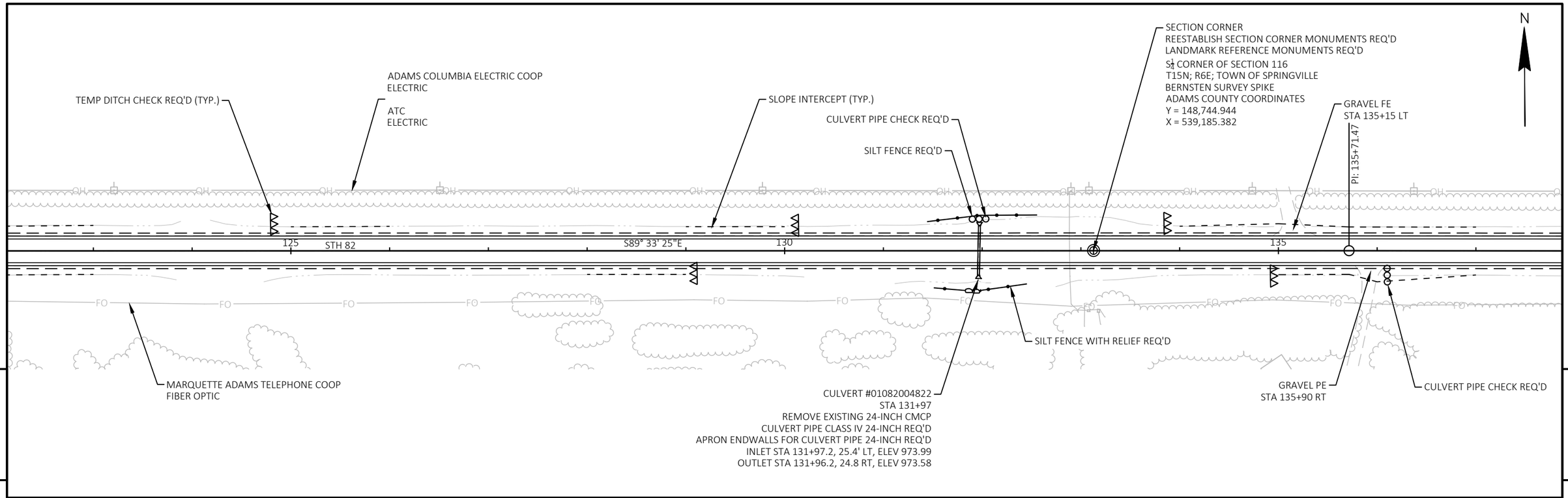
FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\050202-PP.DWG
LAYOUT NAME - (07)-pn

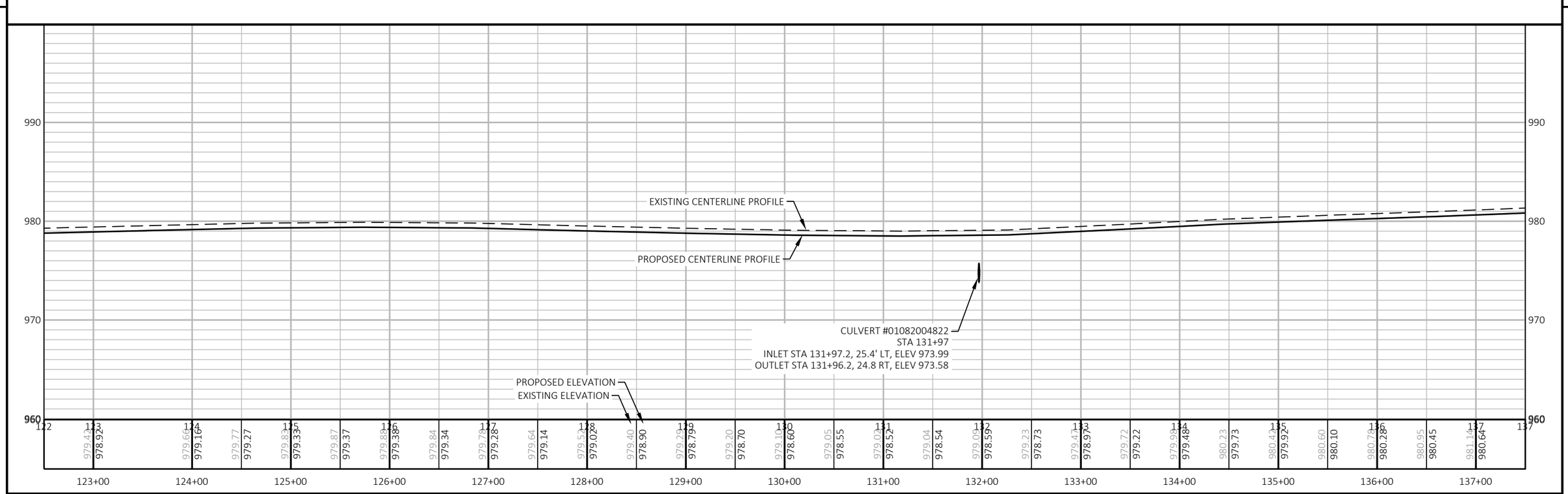
PLOT DATE : 12/16/2020 3:10 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:100 FT





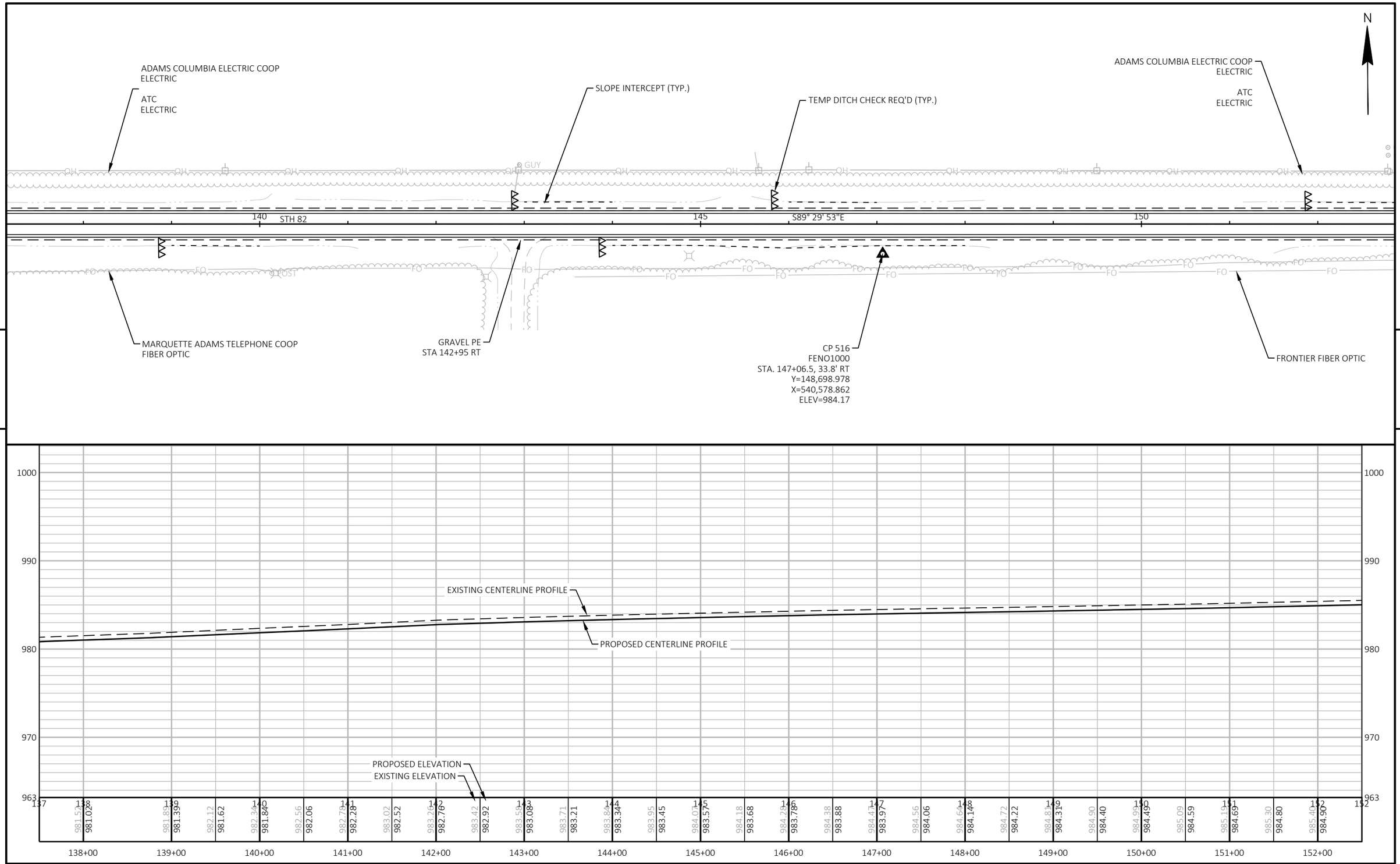
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 51	E





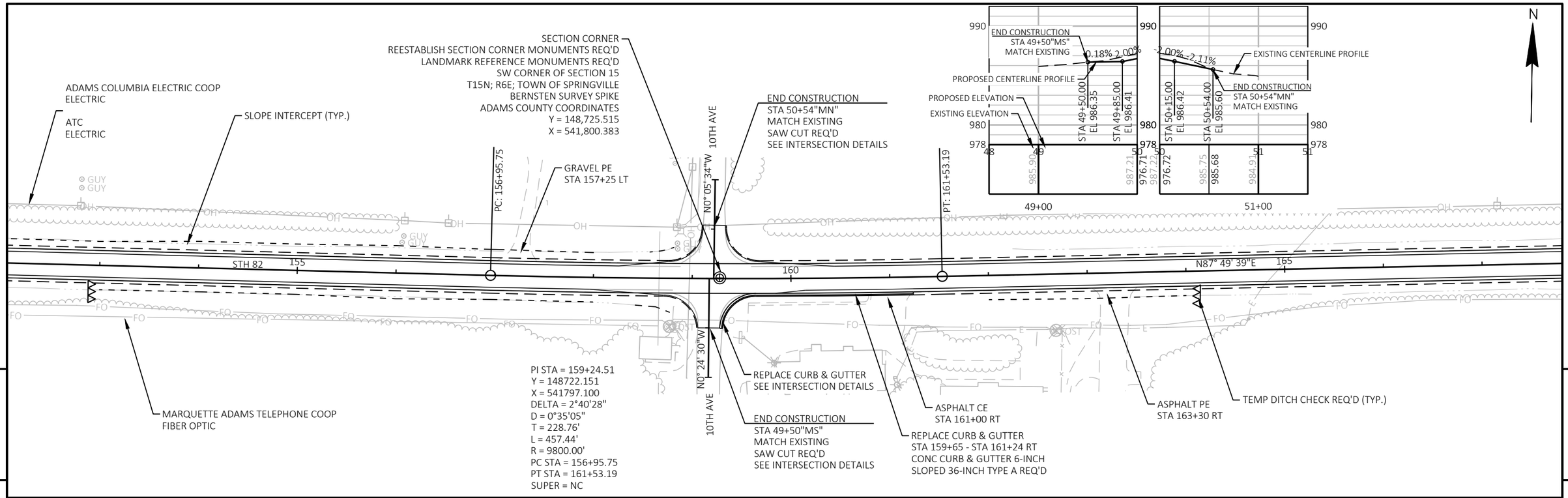
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 52 E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\050202-PP.DWG
LAYOUT NAME - (09)-pn
PLOT DATE : 12/16/2020 3:15 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 53 E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\050202-PP.DWG
LAYOUT NAME - (10)-pn
PLOT DATE : 12/16/2020 3:18 PM
PLOT BY : KRUEGER, MARIAH R
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 54	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\050202-PP.DWG
LAYOUT NAME - (11)-pn
PLOT DATE : 12/16/2020 3:21 PM
PLOT BY : KRUEGER, MARIAH R
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

N

ADAMS COLUMBIA ELECTRIC COOP
ELECTRIC

ATC
ELECTRIC

PI: 168+22.03

GRAVEL FE
STA 172+50 LT

TEMP DITCH CHECK REQ'D (TYP.)

SILT FENCE WITH RELIEF REQ'D

ADAMS COLUMBIA ELECTRIC COOP
ELECTRIC

ATC
ELECTRIC

STH 82

170

175

N87° 51' 07"E

180

MARQUETTE ADAMS TELEPHONE COOP
FIBER OPTIC

GRAVEL FE
STA 169+75 RT

CP 517
FENO1000
STA. 174+46.6, 34.9' RT
Y=148,744.753
X=543,319.502
ELEV=988330

SLOPE INTERCEPT (TYP.)

GRAVEL FE
STA 179+75 RT

CULVERT #01082004823
STA 180+66
REMOVE EXISTING 24-INCH CMCP
CULVERT PIPE CLASS IV 24-INCH REQ'D
APRON ENDWALLS FOR CULVERT PIPE 24-INCH REQ'D
INLET STA 180+66.5, 23.4' RT, ELEV 983.83
OUTLET STA 180+65.3, 23.2' LT, ELEV 983.05

SILT FENCE REQ'D

CULVERT PIPE CHECK REQ'D

5

5

1000
990
980
970
969

EXISTING CENTERLINE PROFILE

PROPOSED CENTERLINE PROFILE

CULVERT #01082004823
STA 180+66
INLET STA 180+66.5, 23.4' RT, ELEV 983.83
OUTLET STA 180+65.3, 23.2' LT, ELEV 983.05

PROPOSED ELEVATION
EXISTING ELEVATION

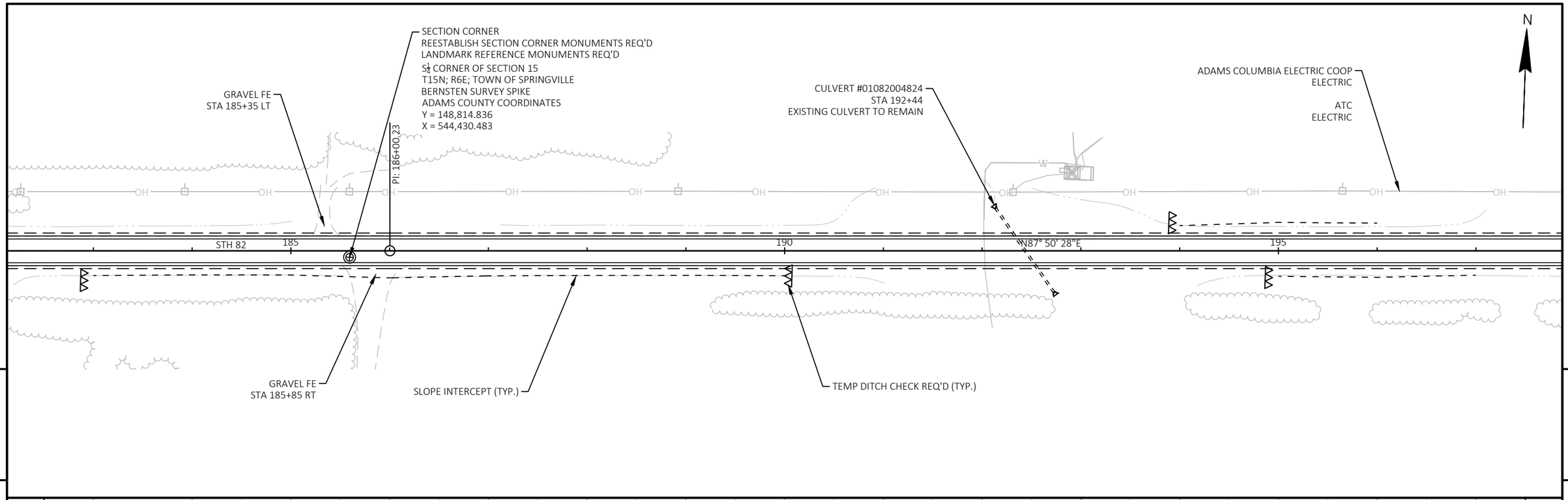
167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182
	988.26	988.35	988.47	988.59	988.71	988.84	988.94	989.05	989.16	989.27	989.35	989.42	989.48	989.53	989.55	989.57	989.44	989.25	989.07	988.89	988.74	988.62	988.49	988.34	988.25	988.23	988.29	988.46
	987.76	987.85	987.97	988.09	988.21	988.34	988.44	988.55	988.66	988.77	988.85	988.92	988.98	989.03	989.05	989.07	988.94	988.75	988.57	988.39	988.24	988.12	987.99	987.84	987.75	987.73	987.79	987.96

168+00 169+00 170+00 171+00 172+00 173+00 174+00 175+00 176+00 177+00 178+00 179+00 180+00 181+00 182+00

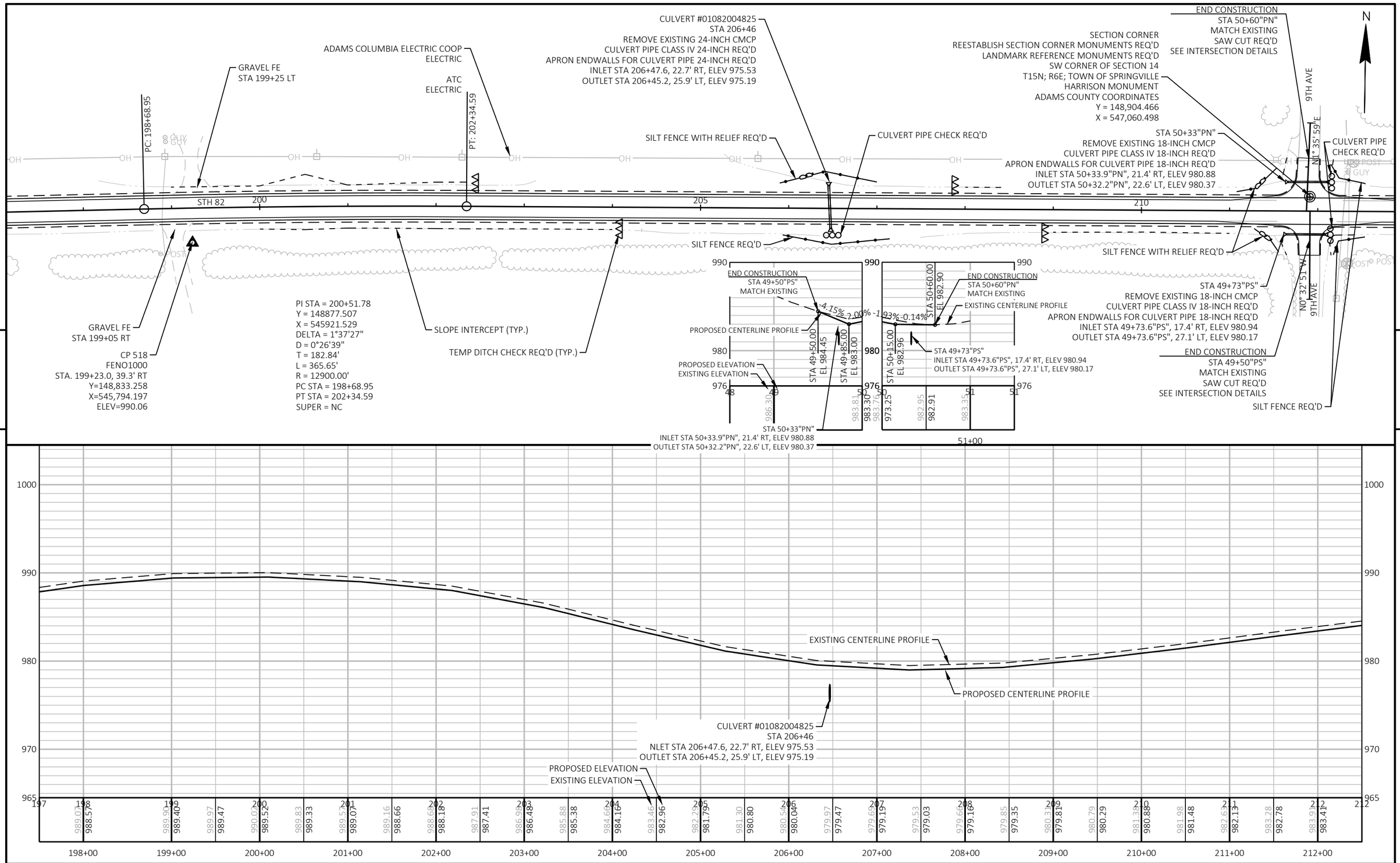
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 55	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\050202-PP.DWG
LAYOUT NAME - (12)-pn

PLOT DATE : 12/16/2020 3:23 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 56 E

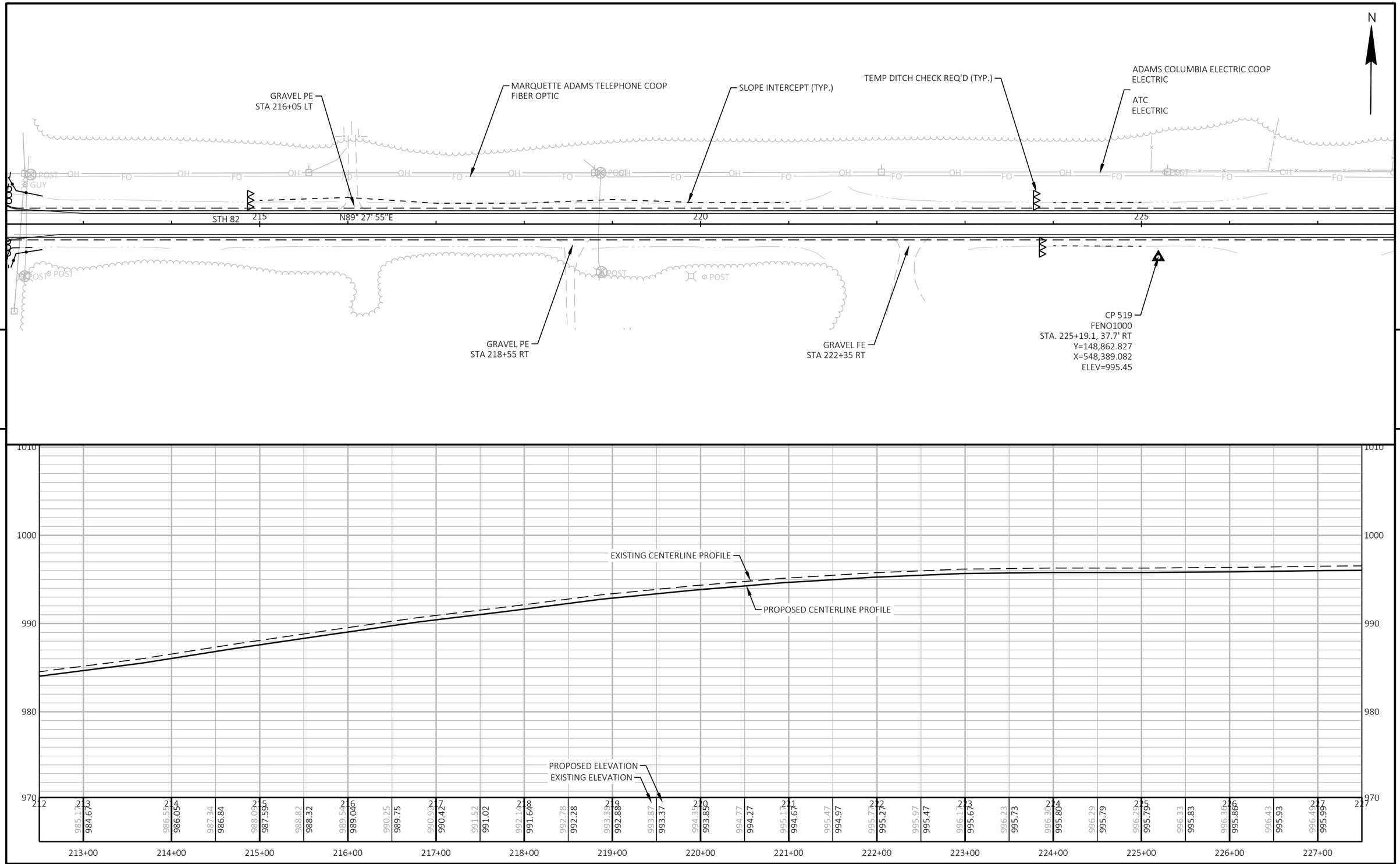


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 57	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\050202-PP.DWG
LAYOUT NAME - (14)-pn

PLOT DATE : 12/16/2020 3:29 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



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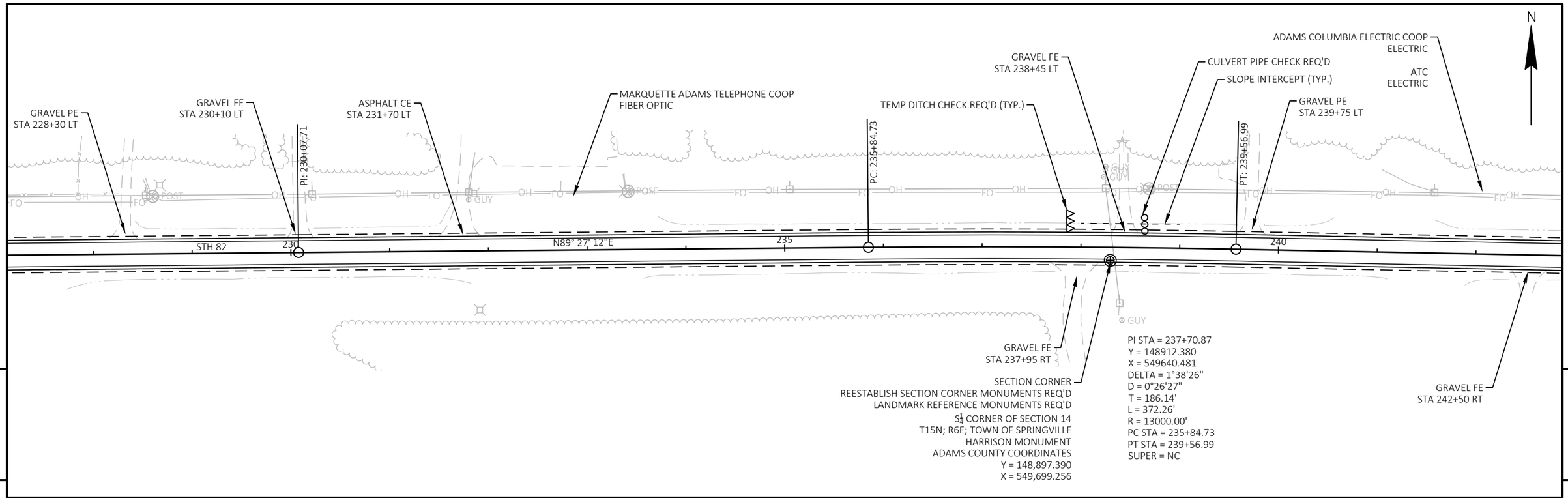
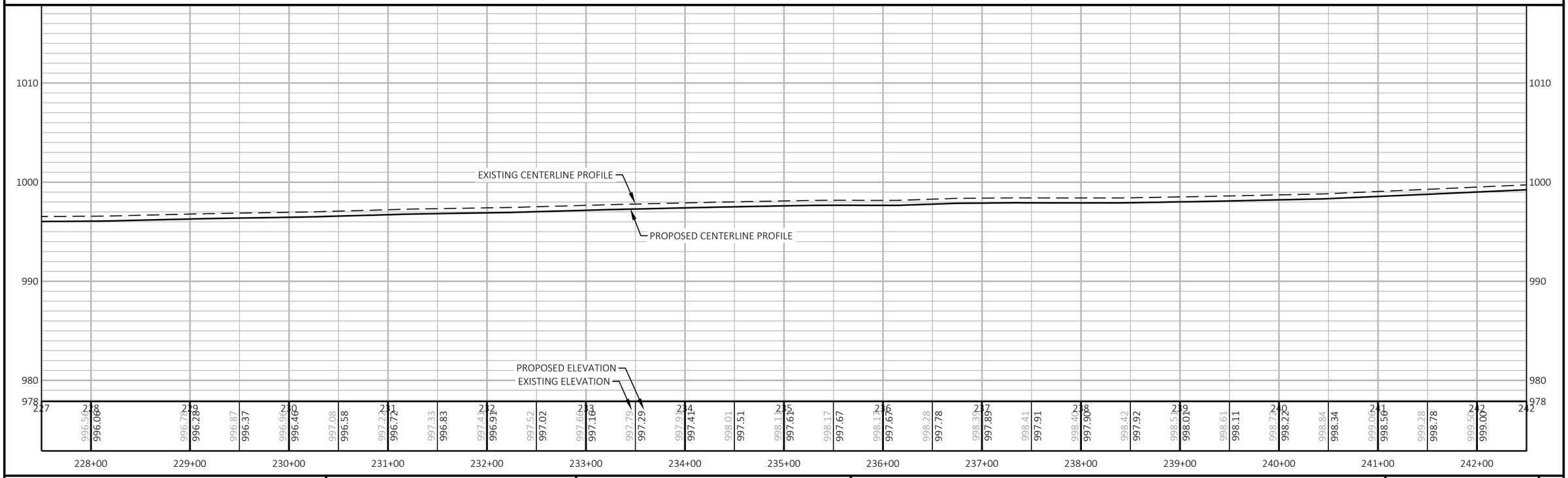
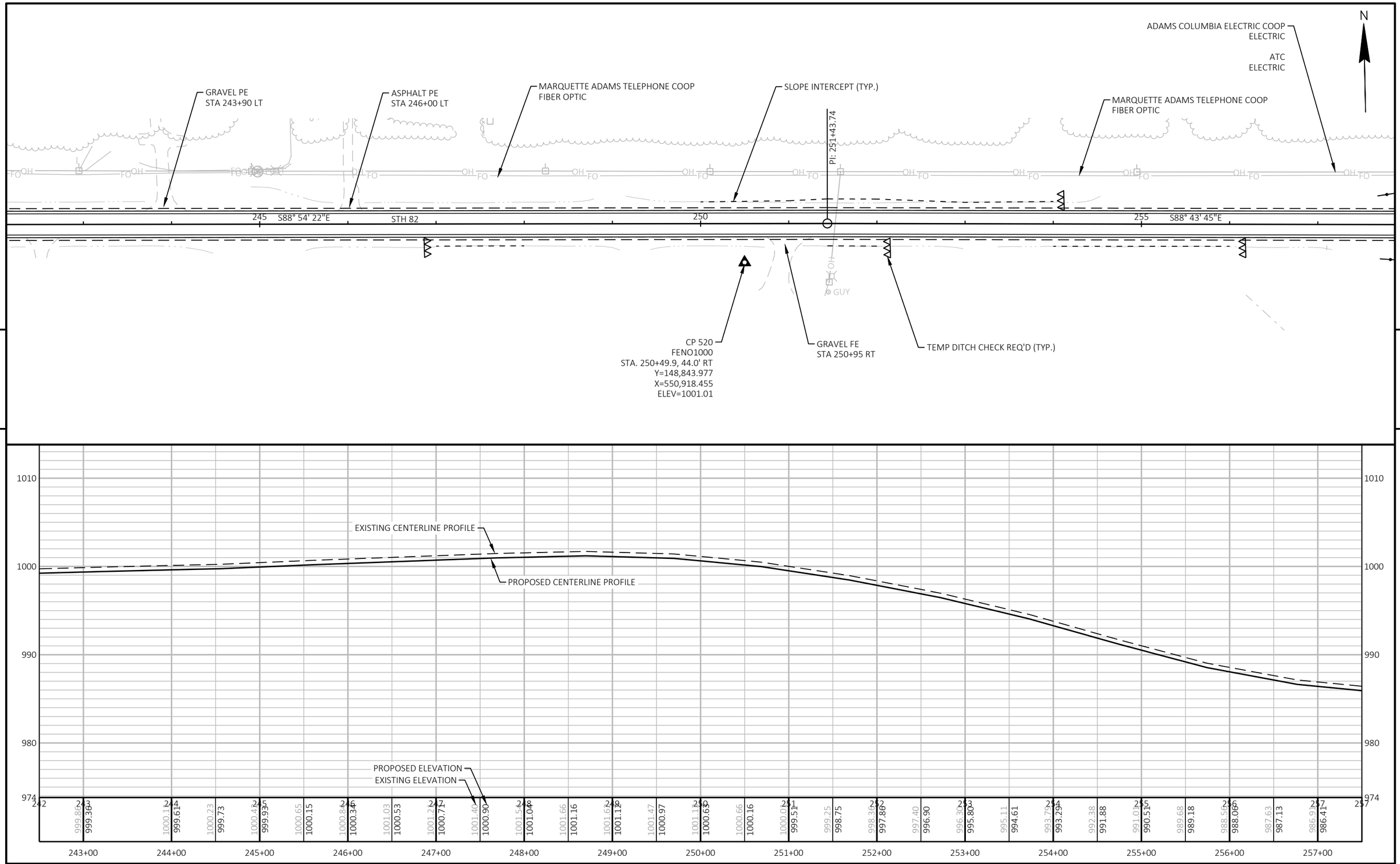
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 58	E



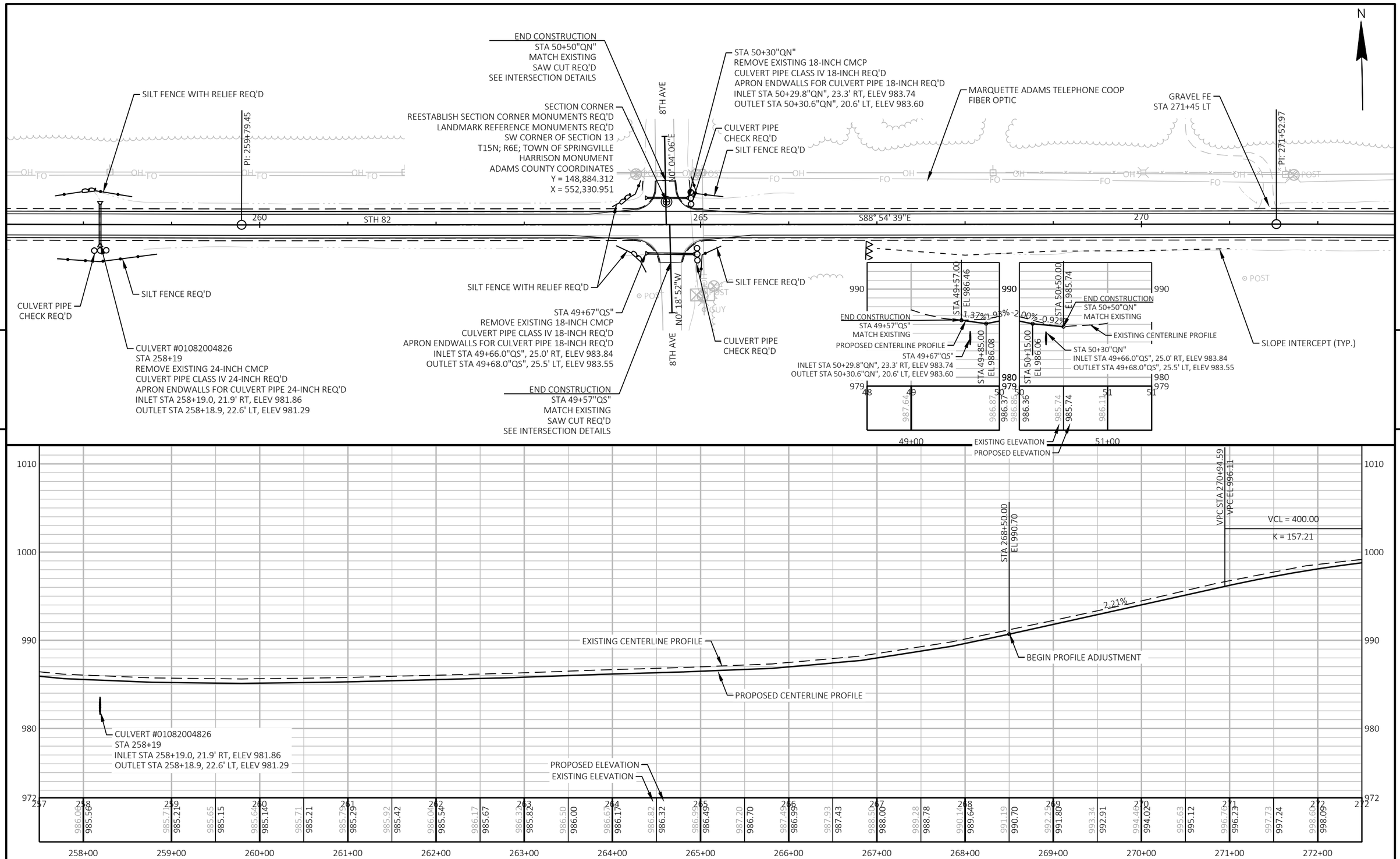


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 59 E

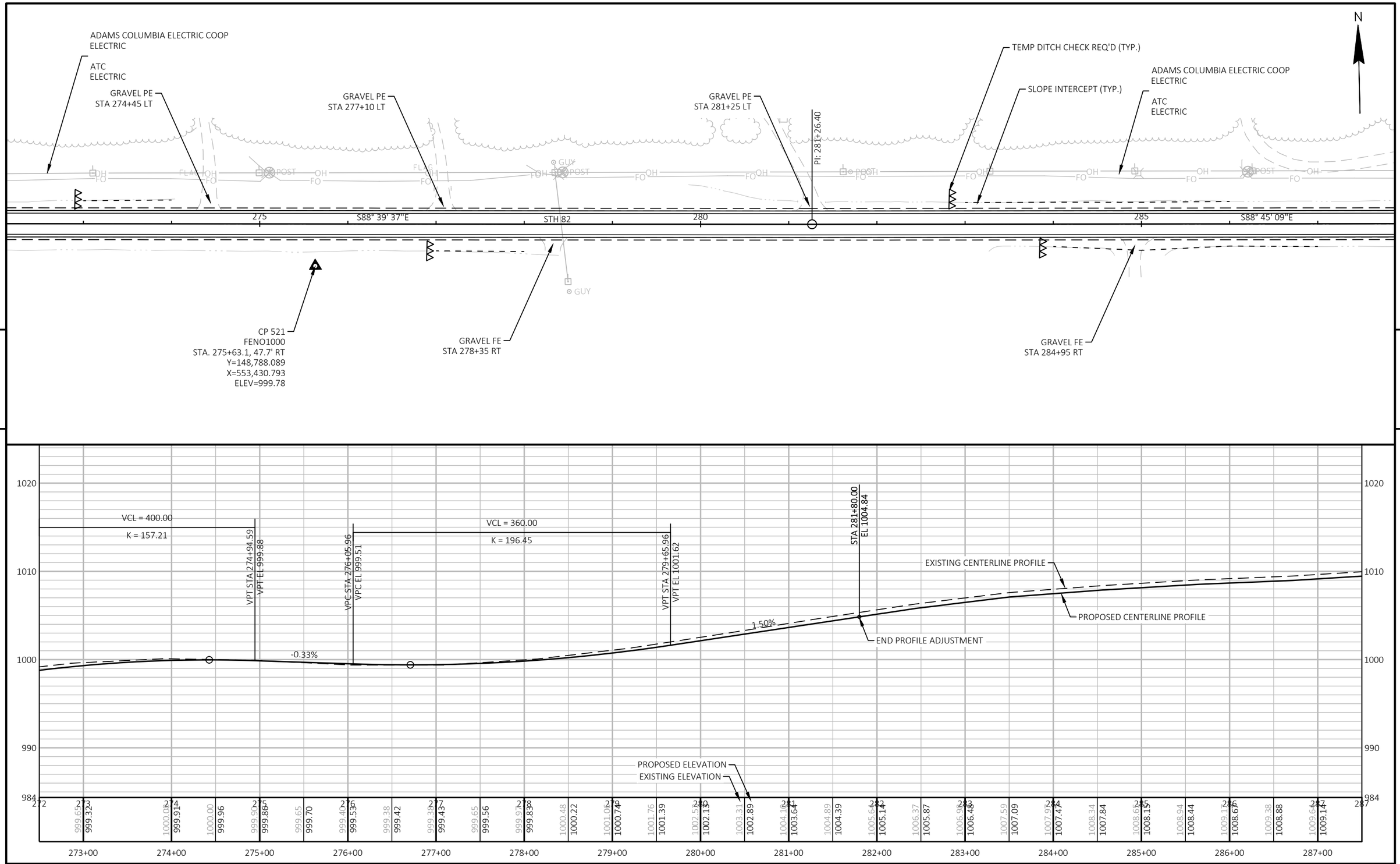


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 60 E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\050202-PP.DWG
LAYOUT NAME - (17)-pn
PLOT DATE : 12/16/2020 3:38 PM
PLOT BY : KRUEGER, MARIAH R
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 61 E

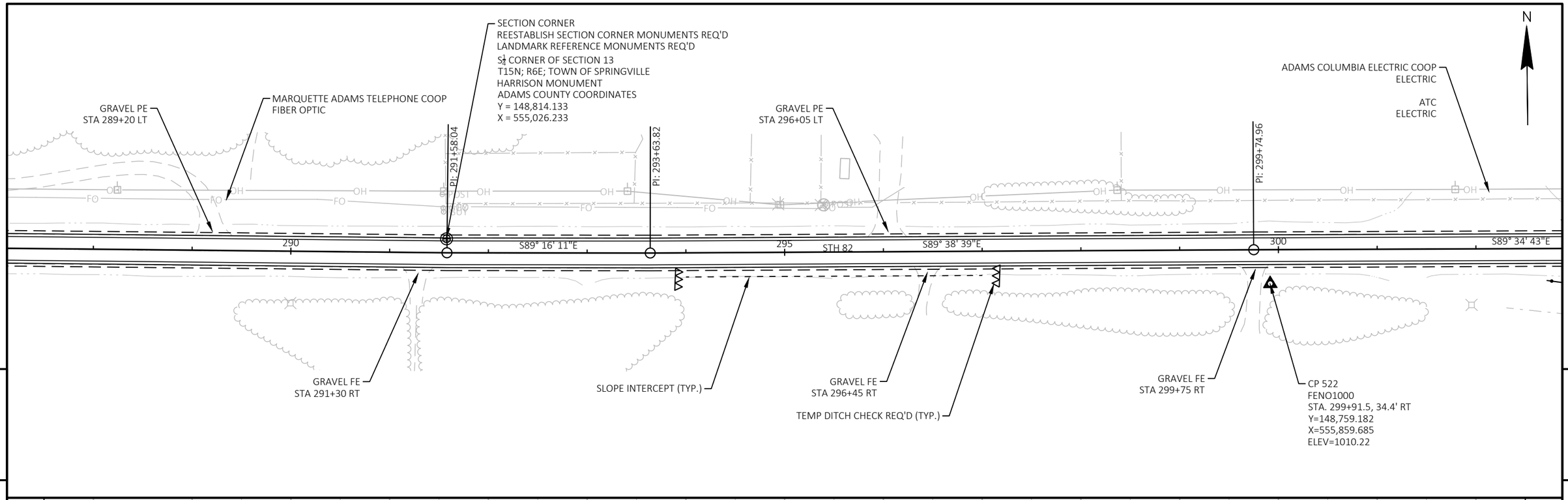


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 62	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\050202-PP.DWG
LAYOUT NAME - (19)-pn

PLOT DATE : 12/16/2020 3:44 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



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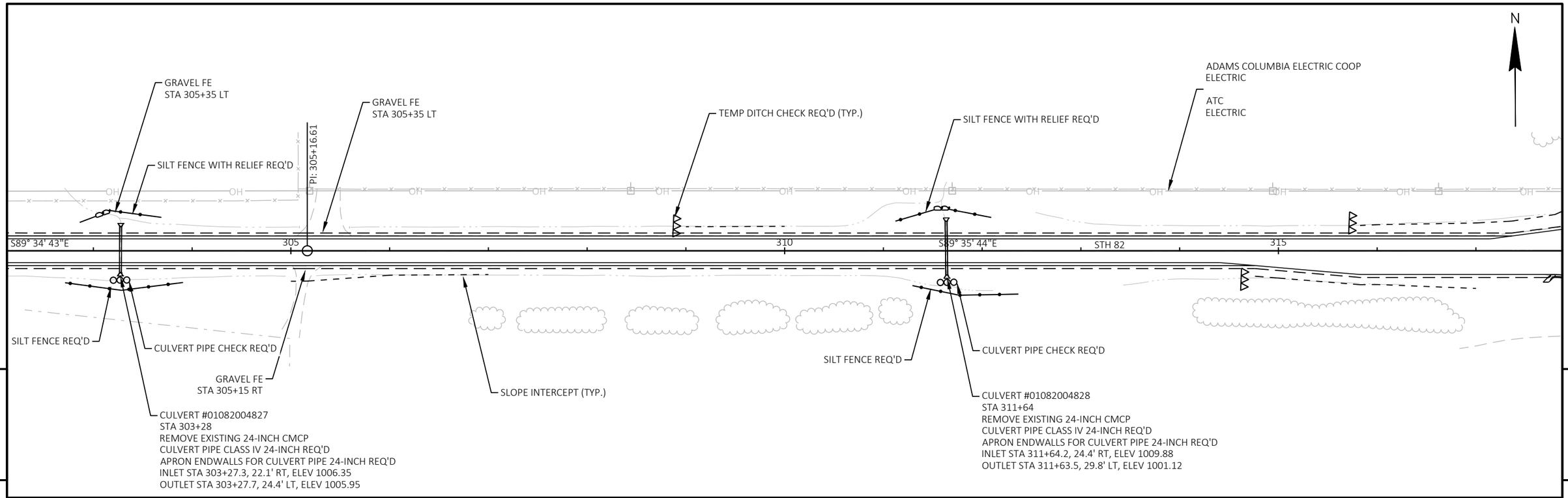
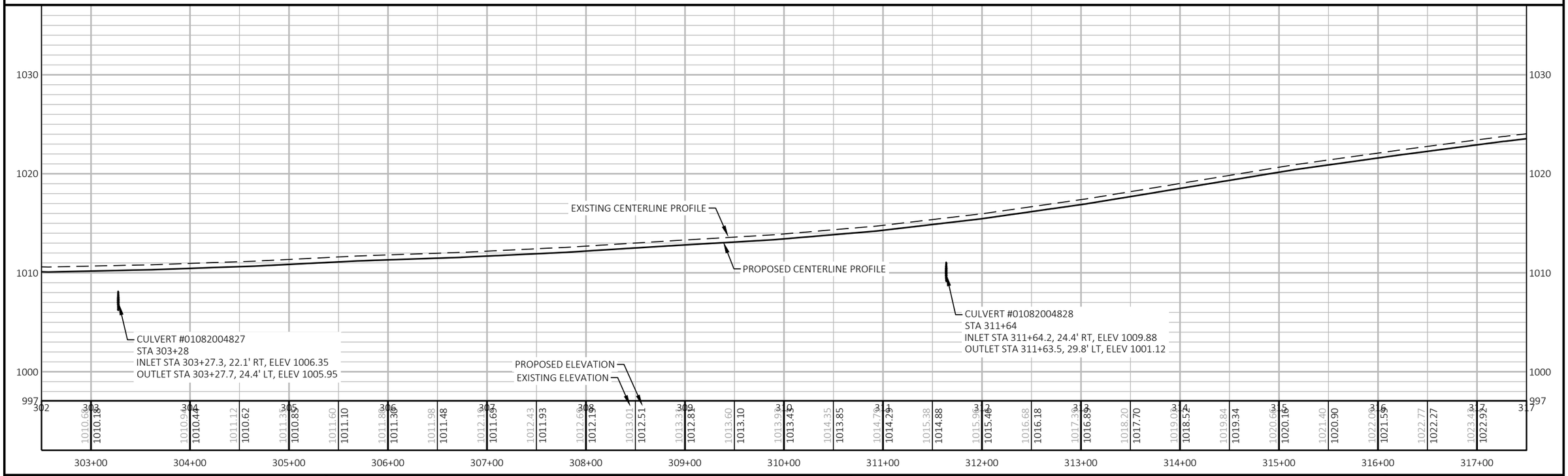
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 63	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\050202-PP.DWG
LAYOUT NAME - (20)-pn

PLOT DATE : 12/16/2020 3:47 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:100 FT





PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 64	E

END CONSTRUCTION
STA 51+27"BN"
MATCH EXISTING
SAW CUT REQ'D
SEE INTERSECTION DETAILS

52"BN"
N0° 17' 29"W

SLOPE INTERCEPT (TYP.)

ASPHALTIC FLUME REQ'D
SEE INTERSECTION DETAILS

51"BN"
PI: 318+54.3

REPLACE CURB & GUTTER
SEE INTERSECTION DETAILS

MARQUETTE ADAMS TELEPHONE COOP
FIBER OPTIC

END PAVEMENT REPLACEMENT
STA 322+85
MATCH CONCRETE PAVEMENT INSTALLED
UNDER PROJECT 1430-01-87
SAW CUT REQ'D

CP 523
FENO1000
STA. 324+41.6, 31.7' LT
Y=148,807.514
X=558,310.236
ELEV=1026.02

N

315 320 325

S89° 33' 48"E

TEMP DITCH CHECK REQ'D (TYP.)

ASPHALTIC FLUME REQ'D
SEE INTERSECTION DETAILS

REPLACE CURB & GUTTER
SEE INTERSECTION DETAILS

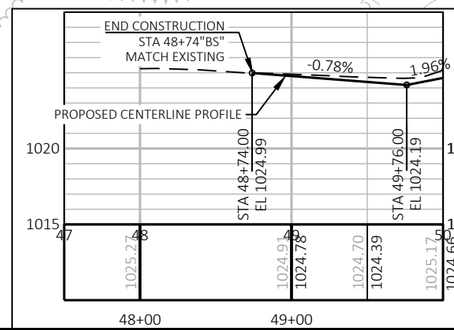
49"BS"

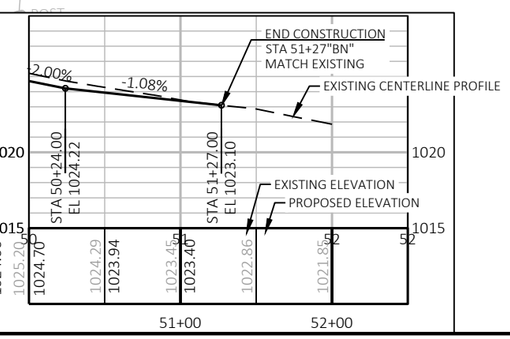
GRAVEL FE
STA 48+90"BS" LT

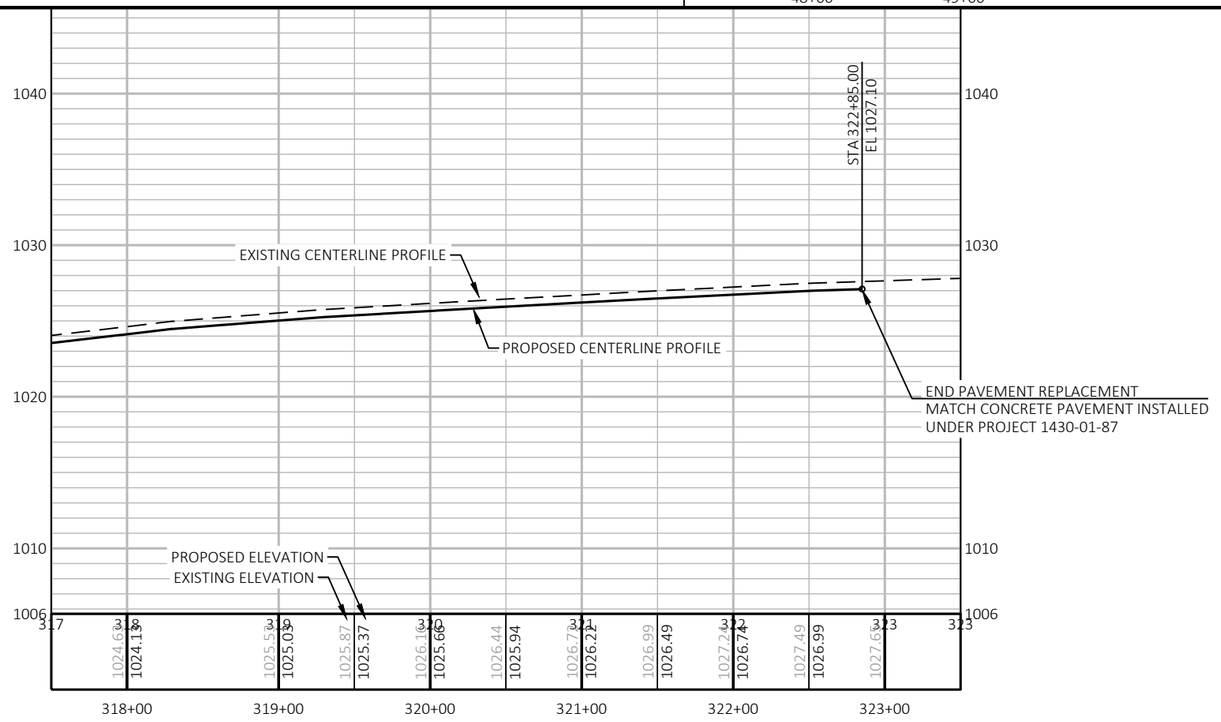
END CONSTRUCTION
STA 48+74"BS"
MATCH EXISTING
SAW CUT REQ'D
SEE INTERSECTION DETAILS

N0° 10' 54"E

SECTION CORNER
REESTABLISH SECTION CORNER MONUMENTS REQ'D
LANDMARK REFERENCE MONUMENTS REQ'D
SW CORNER OF SECTION 18
T15N; R7E; TOWN OF JACKSON
HARRISON MONUMENT
ADAMS COUNTY COORDINATES
Y = 148,760.524
X = 557, 727.355



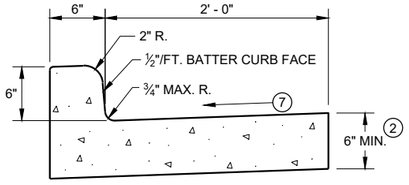




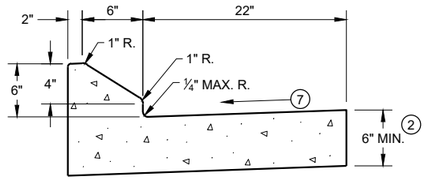
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	PLAN AND PROFILE: STH 82	SHEET 65	E

Standard Detail Drawing List

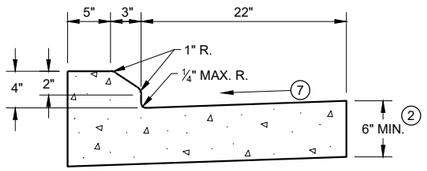
08D01-21A	CONCRETE CURB & GUTTER
08D01-21B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-05	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-07	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
13A03-06	CONCRETE PAVEMENT SHOULDERS
13A09-01	CONCRETE RUMBLE STRIPS AT INTERSECTION
13C01-19	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C11-12A	RURAL DOWELED CONCRETE PAVEMENT
13C11-12B	RURAL DOWELED CONCRETE PAVEMENT
13C16-02A	DETAIL FOR RIGHT TURN LANE/TEE INTERSECTION BYPASS LANE ON A CONRETE ROADWAY
13C16-02B	DETAIL FOR RIGHT TURN LANE/TEE INTERSECTION BYPASS LANE ON A CONRETE ROADWAY
13C18-07A	CONCRETE PAVEMENT JOINTING
13C18-07B	CONCRETE PAVEMENT STEEL REINFORCEMENT
13C18-07C	CONCRETE PAVEMENT JOINT TYPES
13C18-07F	CONCRETE PAVEMENT INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-08B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-08C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C08-20A	LONGITUDINAL MARKING (MAINLINE)
15C08-20B	PAVEMENT MARKING (TURN LANES)
15C08-20C	PAVEMENT MARKING (TURN LANES)
15C11-07B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-07	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-04A	PAVEMENT MARKING (INTERSECTIONS)
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS
16A01-07	LANDMARK REFERENCE MONUMENTS AND COVERS



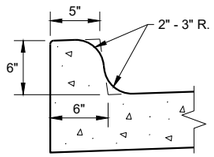
TYPES A (1) & D



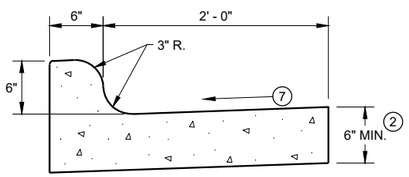
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

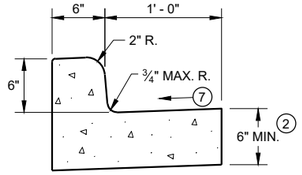


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



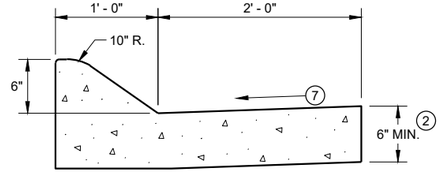
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

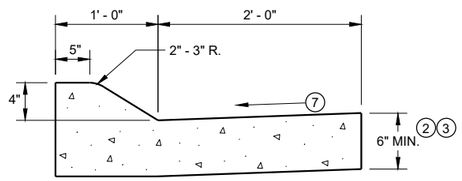


TYPES A (1) & D

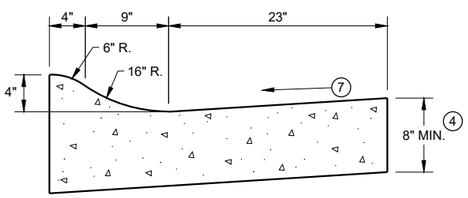
CONCRETE CURB AND GUTTER 18"



6" SLOPED CURB TYPES A (1) & D



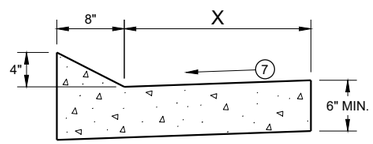
4" SLOPED CURB TYPES A (1) & D



4" SLOPED CURB TYPES R (1) & T (5)

CONCRETE CURB AND GUTTER 36"

TBT & TBTT	X
30"	22"
36"	28"

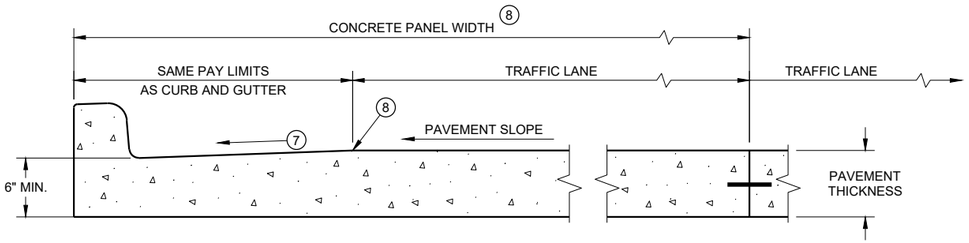


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

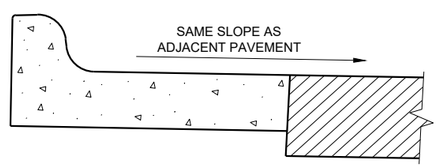
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

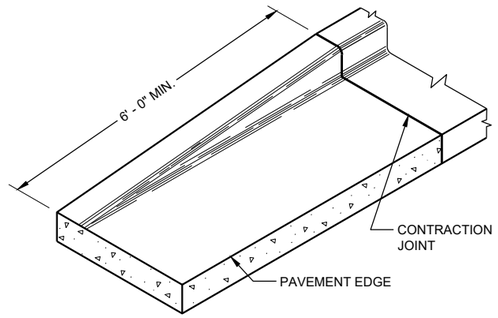
(5) THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

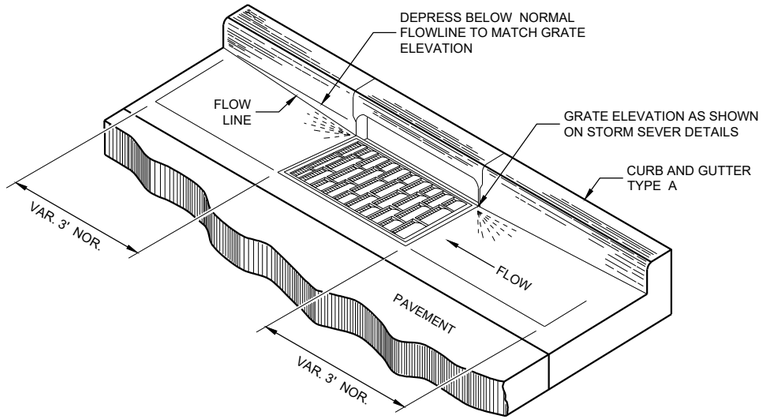
(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

CONCRETE CURB AND GUTTER



END SECTIONCURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS
(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

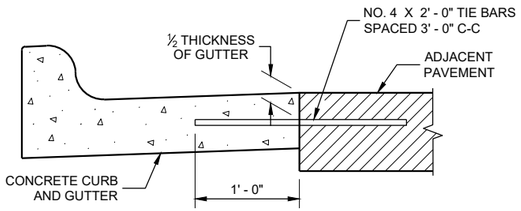
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

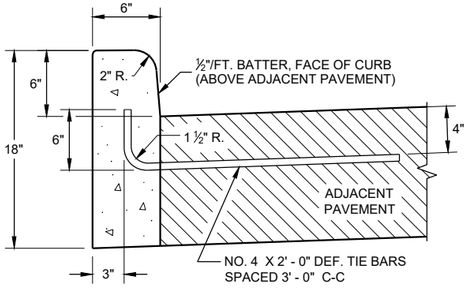
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

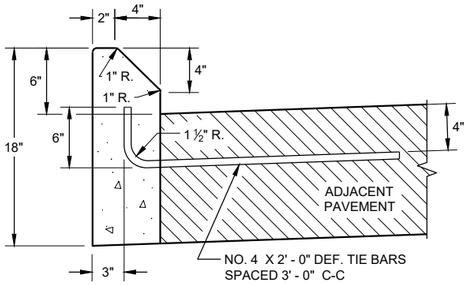
(9) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



TYPICAL TIE BAR LOCATION (1)

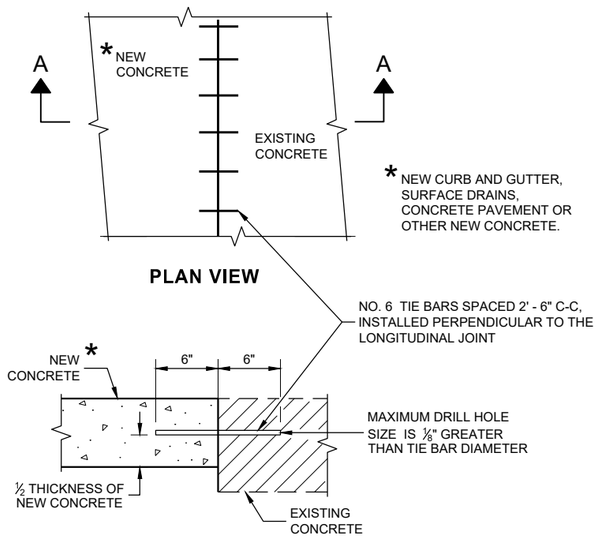


TYPES A (1) & D



TYPES G (1) & J

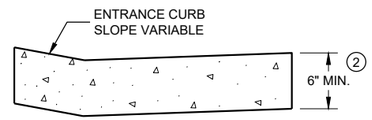
CONCRETE CURB



PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



DRIVEWAY ENTRANCE CURB (9)
(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

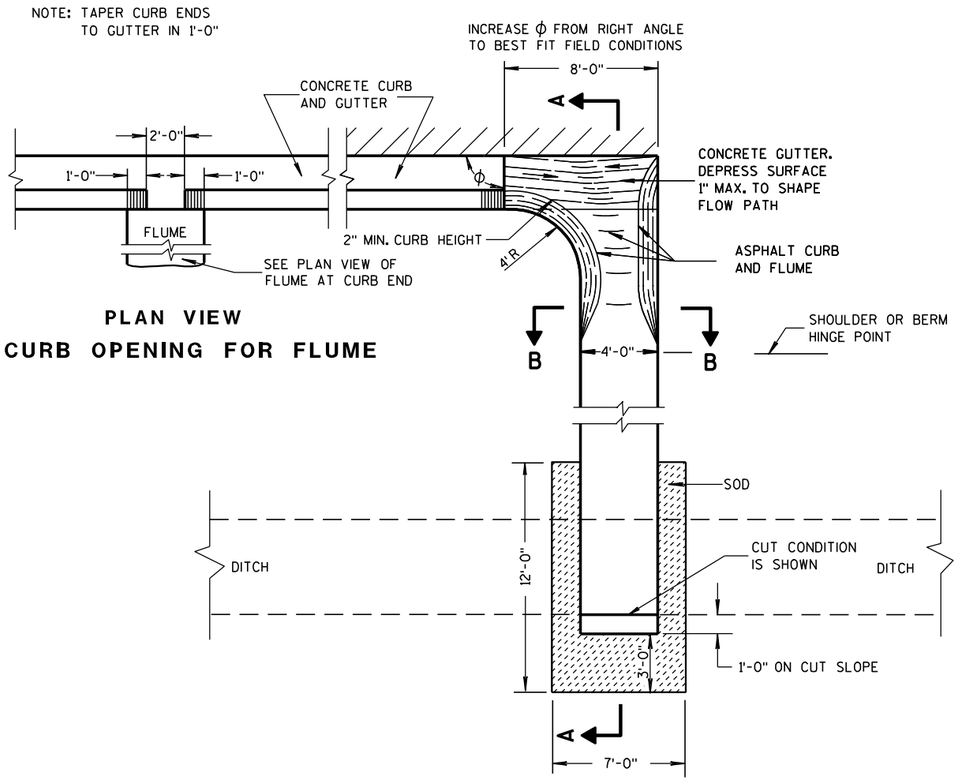
APPROVED
February 2020 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

6

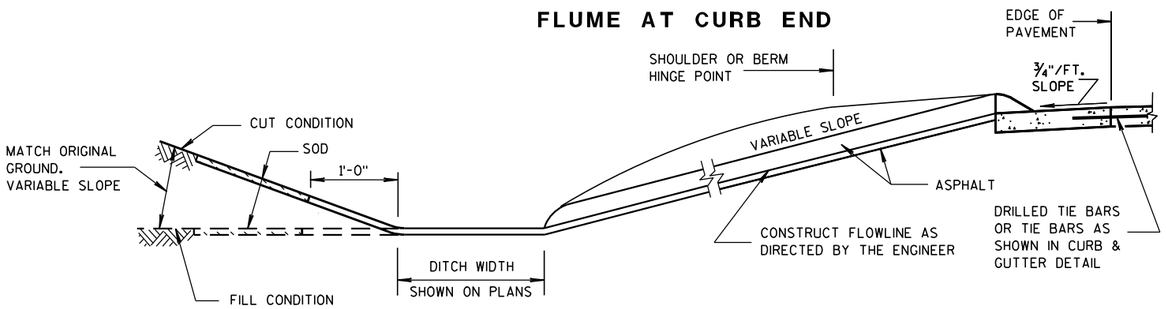
SDD08D01 - 21b

ASPHALTIC FLUME

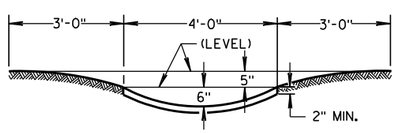


PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



SECTION A-A



SECTION B-B

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

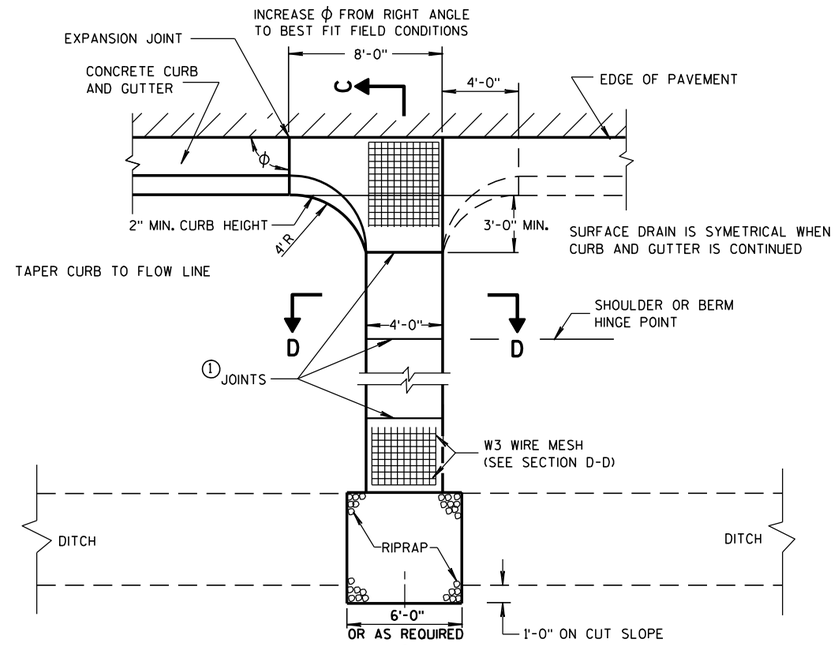
WELDED STEEL WIRE FABRIC SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

① JOINTS SHALL BE ⅛ TO ¼ INCH WIDE BY 1½ INCHES DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.

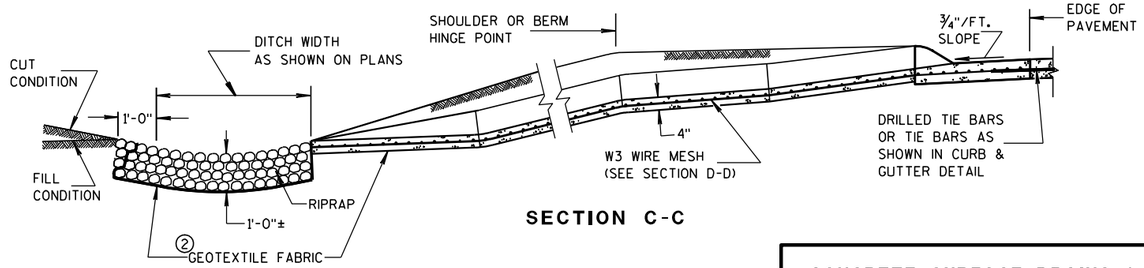
② GEOTEXTILE FABRIC TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.

③ CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED

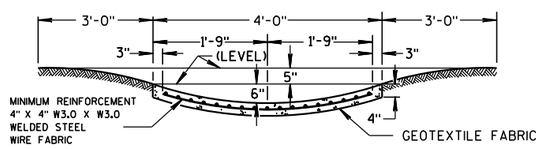
③ CONCRETE SURFACE DRAIN



PLAN VIEW



SECTION C-C



SECTION D-D

CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
9-4-08 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER
MENT

FHWA

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S.D.D. 8 D 4-5

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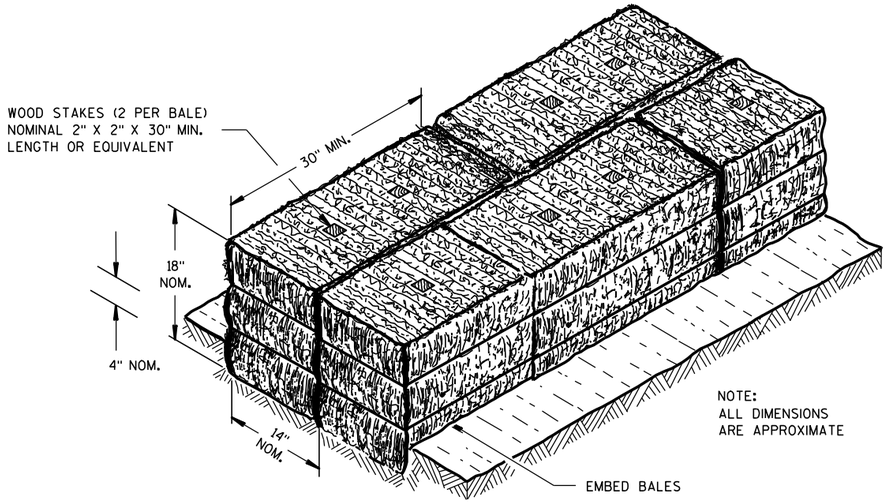
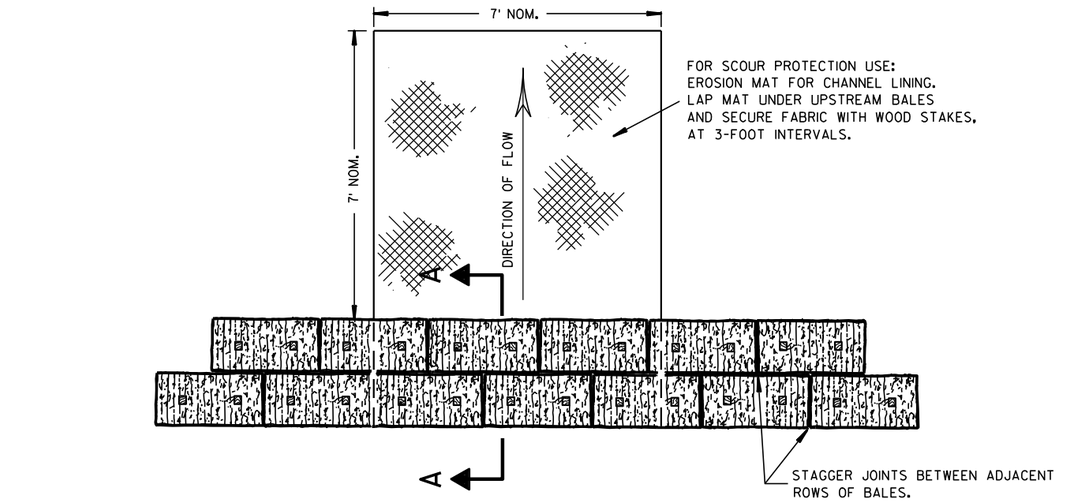
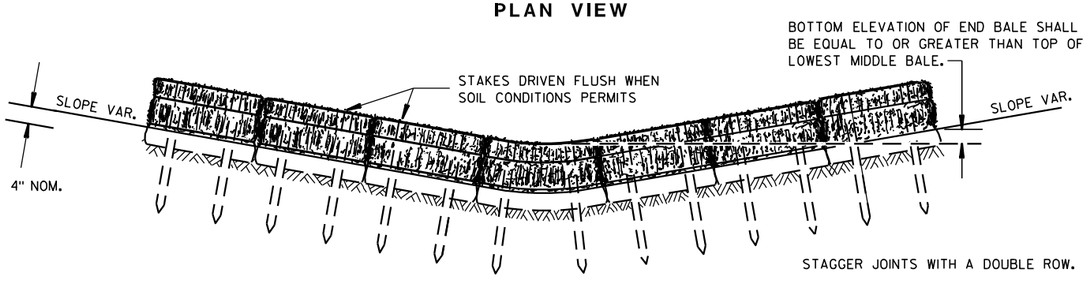
S.D.D. 8 D 4-5



SECTION A-A



PLAN VIEW



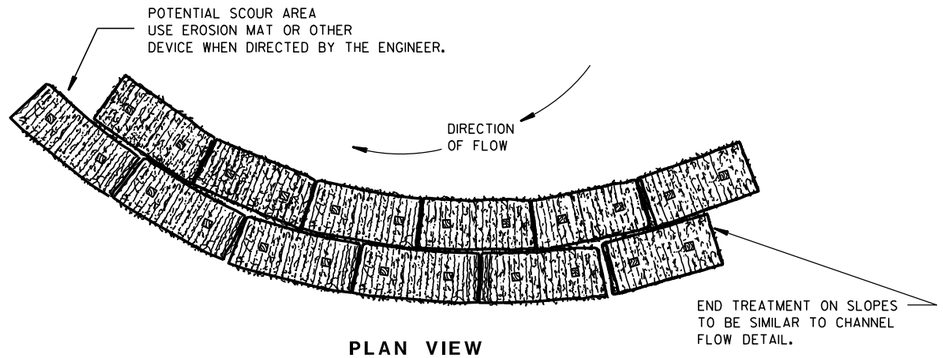
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

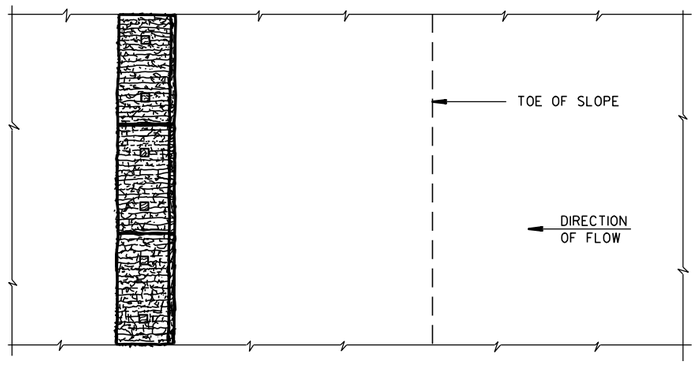
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

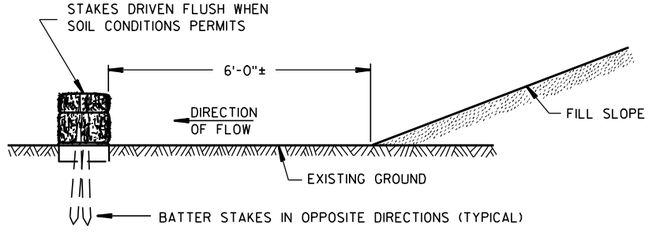


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

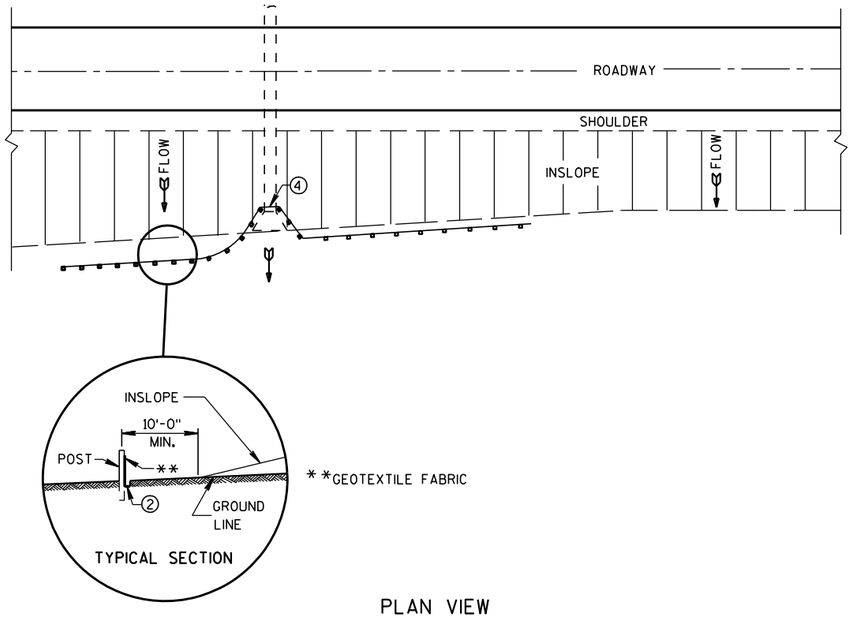
APPROVED

6/04/02 — DATE

/S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

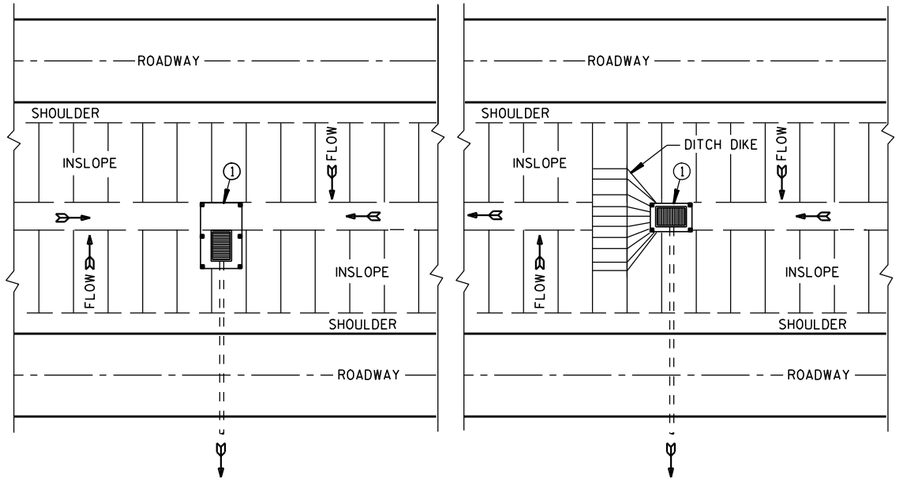
FHWA

6
S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

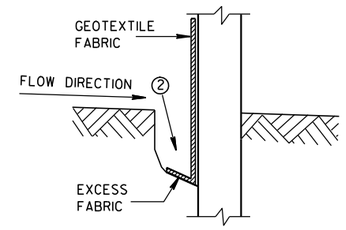
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

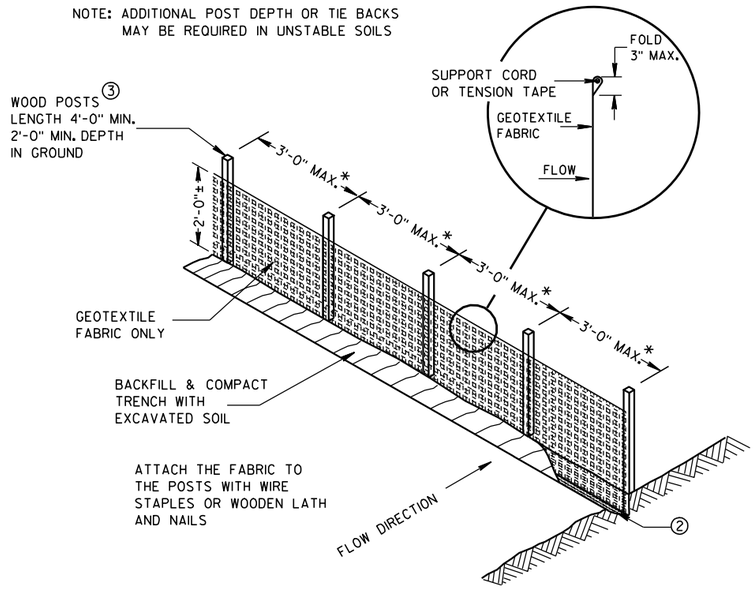
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

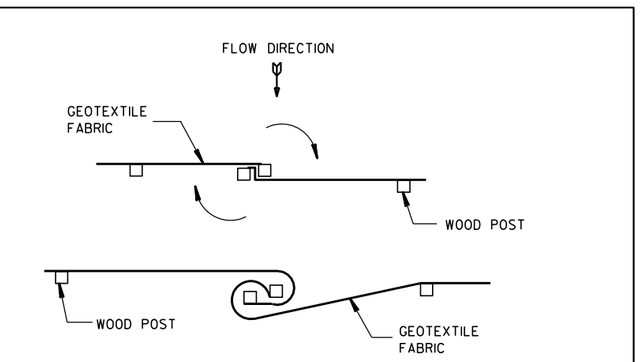
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



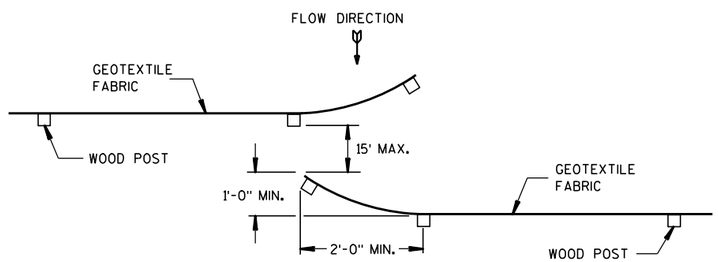
TRENCH DETAIL



SILT FENCE

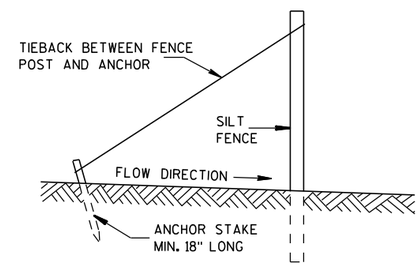


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
4-29-05 DATE	/S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA	

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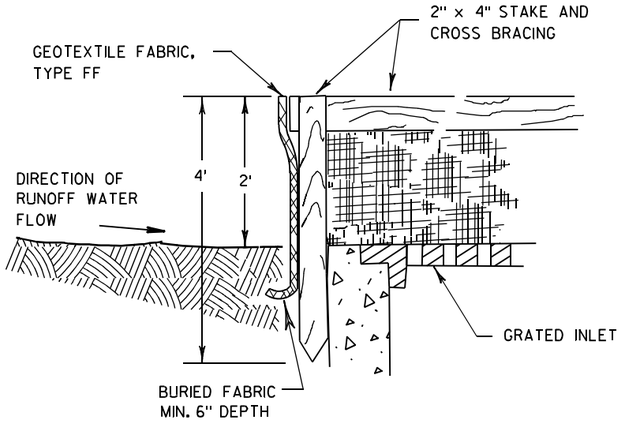
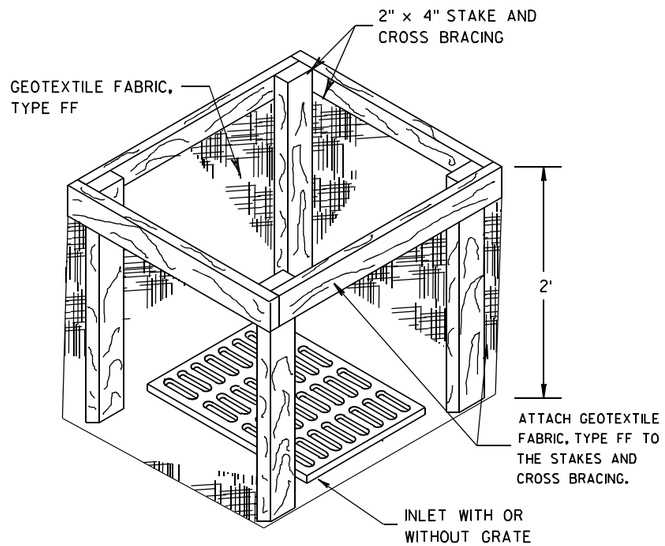
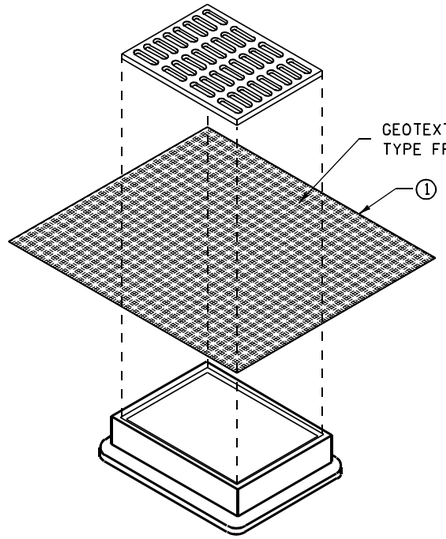
S.D.D. 8 E 9-6



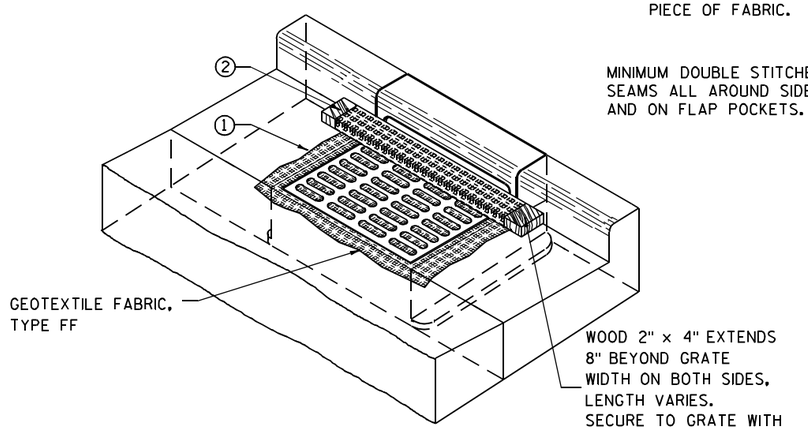


INLET PROTECTION, TYPE A

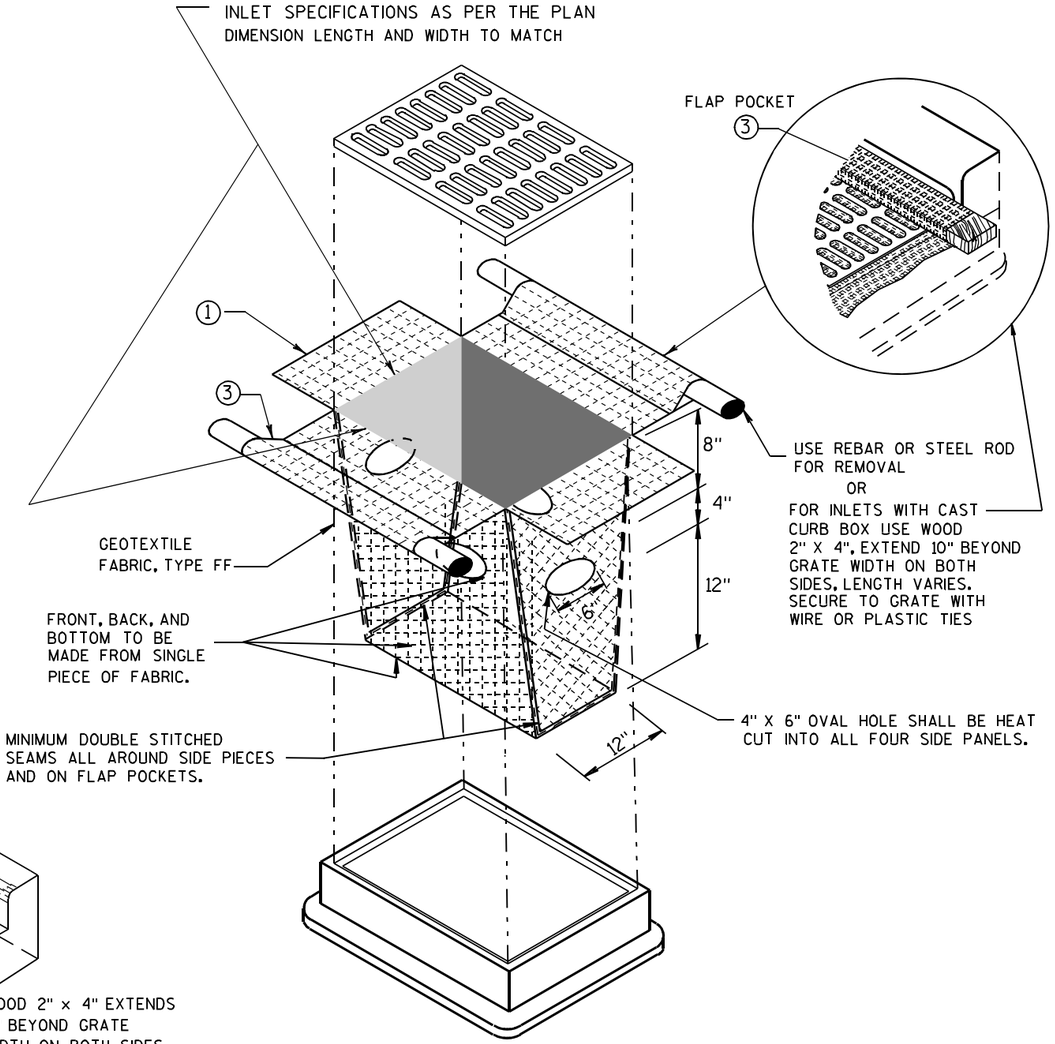


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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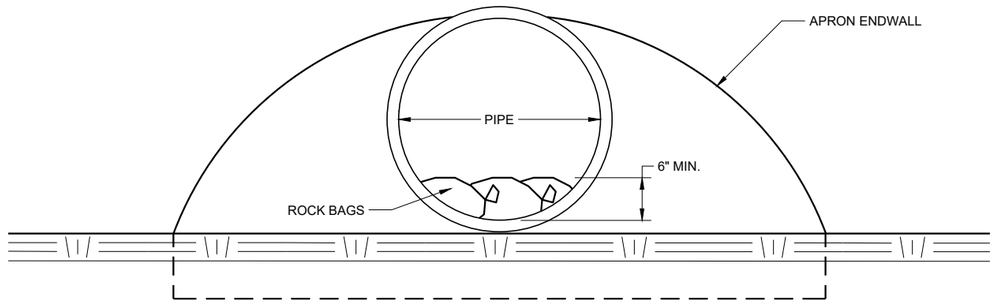
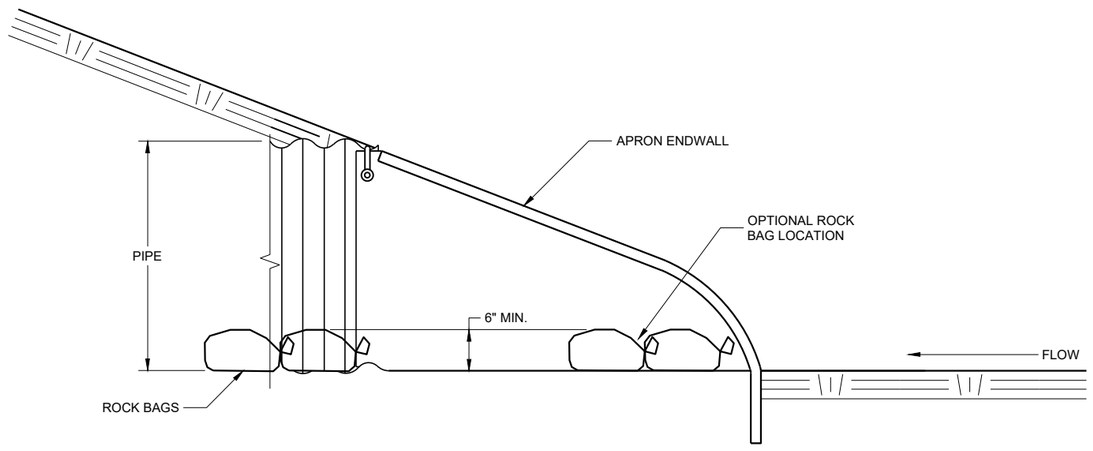
S.D.D. 8 E 10-2



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2019 DATE	/S/ Daniel Schave EROSION CONTROL ENGI
FHWA	

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SDD 08E15 - 01

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SDD 08E15 - 01

METAL APRON ENDWALLS

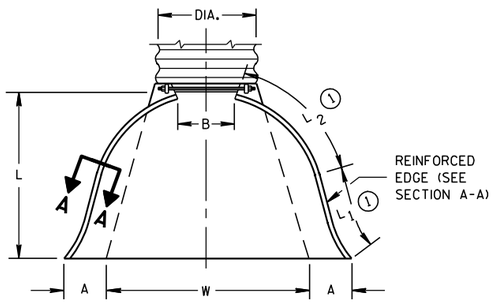
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

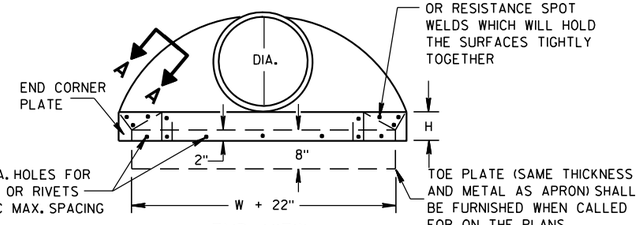
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

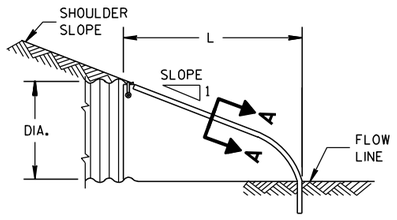
*MINIMUM
**MAXIMUM



PLAN VIEW

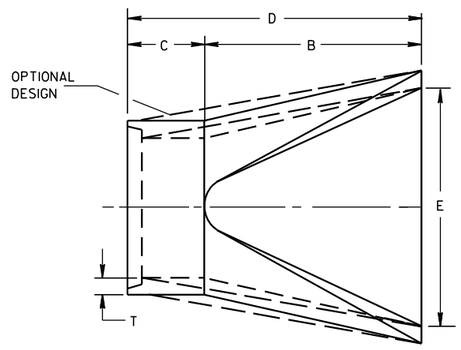


END VIEW

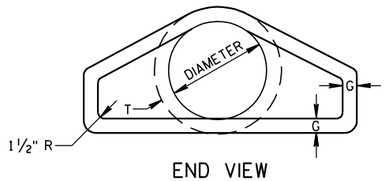


SIDE ELEVATION

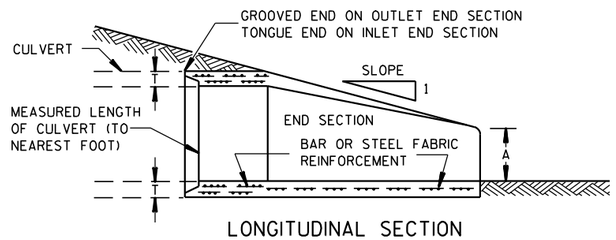
METAL ENDWALLS



PLAN

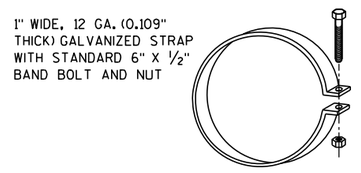


END VIEW



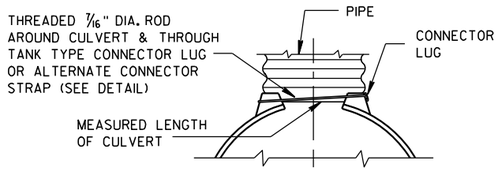
LONGITUDINAL SECTION

CONCRETE ENDWALLS

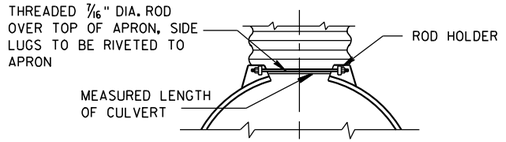


ALTERNATE FOR TYPE 1 CONNECTION

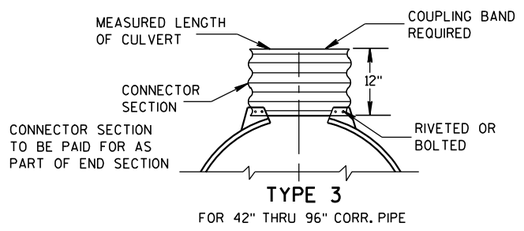
END SECTION CONNECTOR STRAP



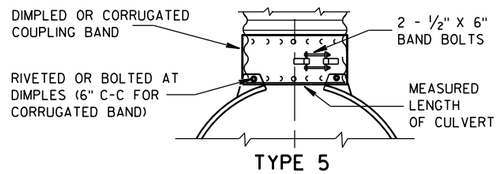
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

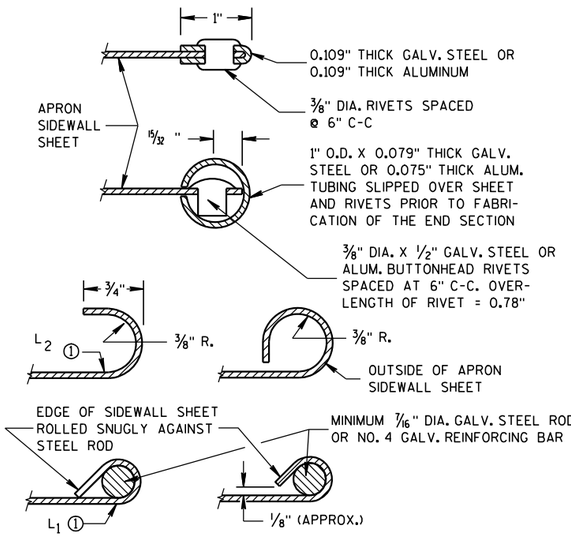
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

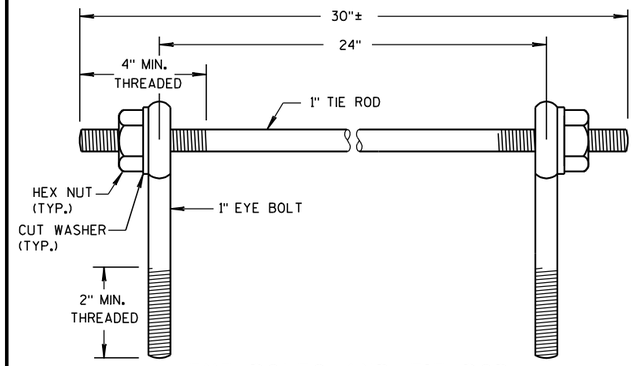
APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

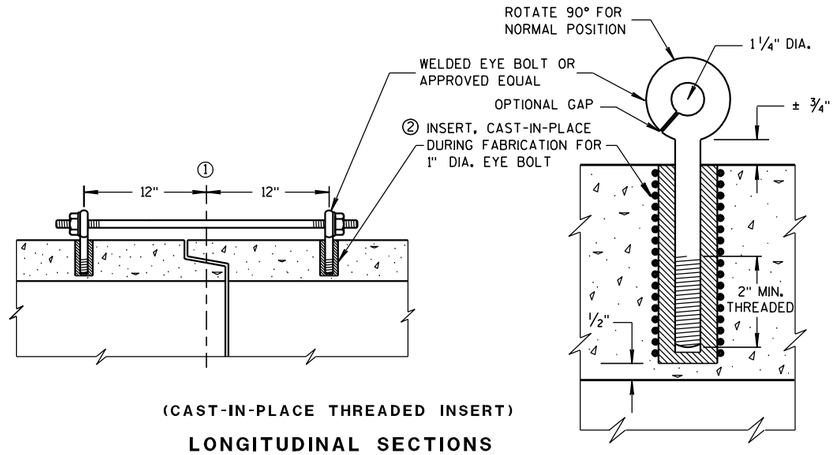
APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST-IN-PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

① ℄ OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

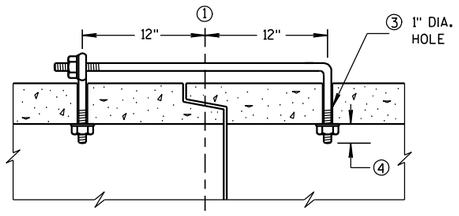
② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ℄ OF TONGUE AND GROOVE.

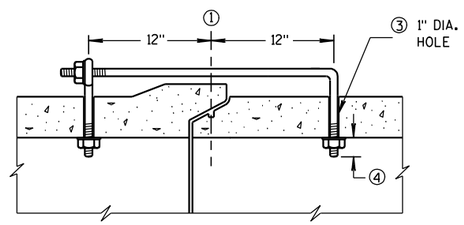
④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

⑤ OPENING TO BE ROD DIAMETER PLUS 1 INCH.

⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2 INCH OF THE INNER SURFACE OF THE PIPE.



(TONGUE & GROOVE PIPE)

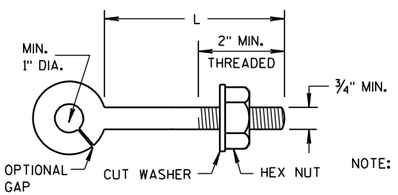


(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

EYE BOLT DIMENSION TABLE

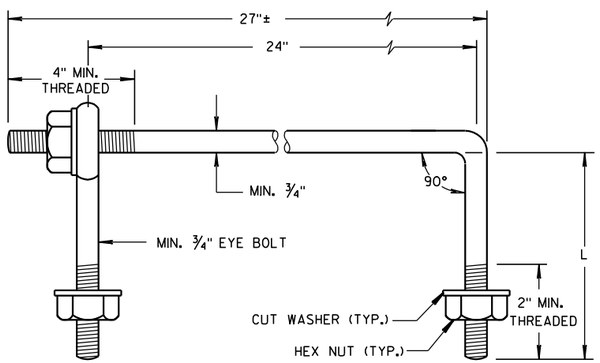
PIPE SIZE	L = LENGTH	
	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
18" TO 24"	4 1/2"	6 1/4"
30"	5"	7"
36"	5 1/2"	7"
42"	6"	
48"	6 1/2"	
60"	7 1/2"	
66"	8"	



NOTE:

EYE BOLT

NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD

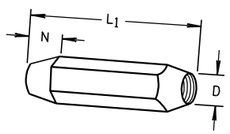
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12-60	5/8	5/8	5	1/2
66-84	3/4	3/4	5	1/2
90-108	1	1	7	1 1/16

DIMENSIONS SHOWN ARE IN INCHES



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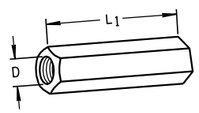
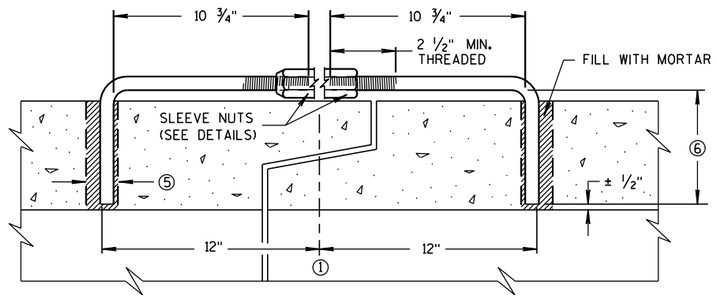


PLAIN

RIGHT AND LEFT THREADS

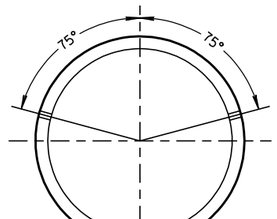
SLEEVE NUTS



LONGITUDINAL SECTION

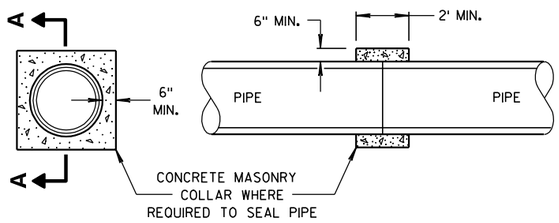
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A-A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
75 — 'MENT
FHWA

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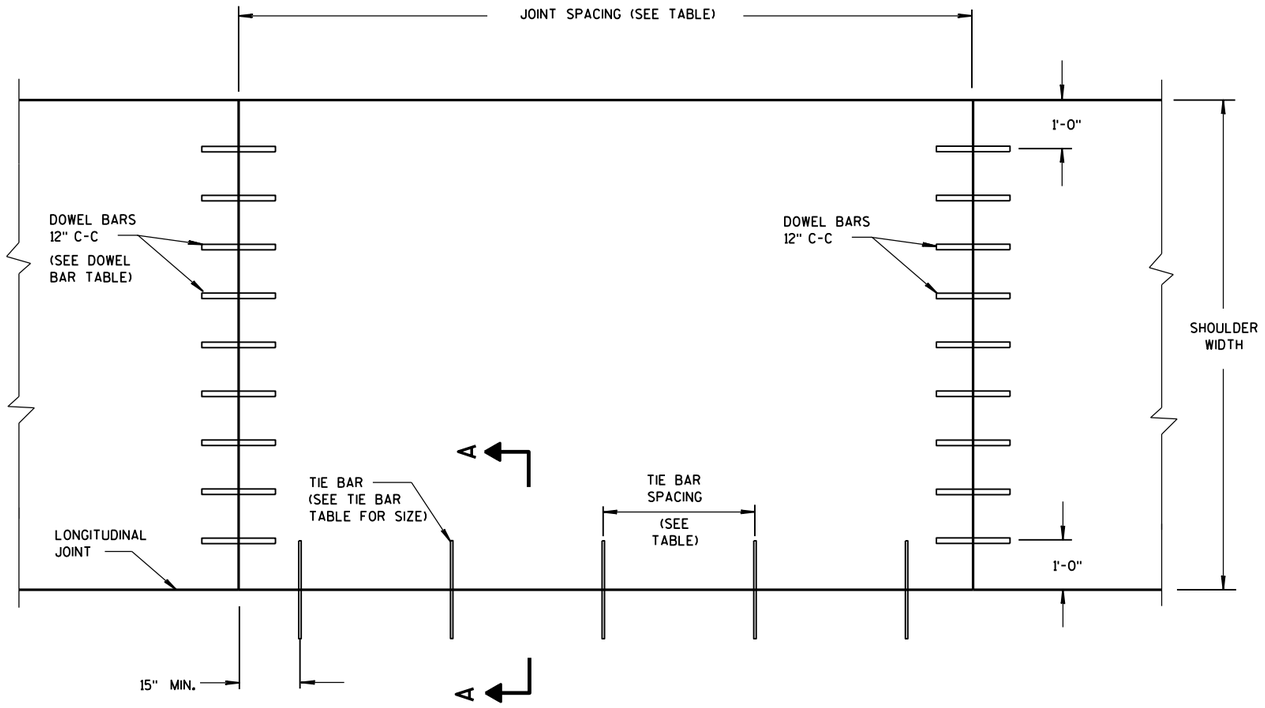
S.D.D. 8 F 4-7



PLAN VIEW

CONCRETE PAVEMENT SHOULDER

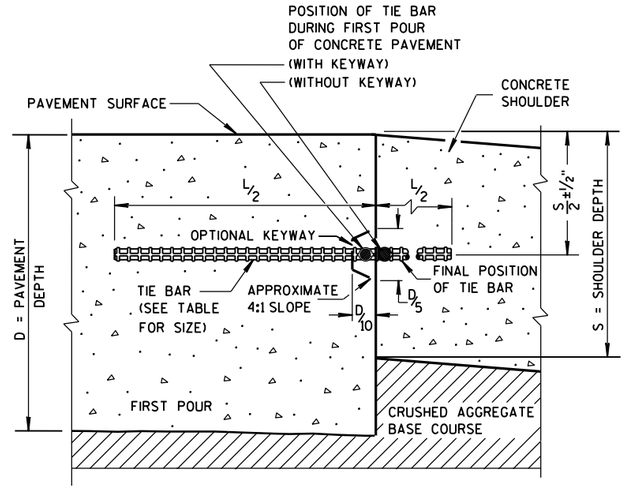
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

TRANSVERSE JOINT DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.

FINISH THE SHOULDER PAVEMENT CONFORMING TO SUBSECTION 415.3.8 OF THE STANDARD SPECIFICATIONS.

TIE BARS SHALL CONFORM TO SUBSECTION 505.2.4 OF THE STANDARD SPECIFICATIONS.



SECTION A-A

LONGITUDINAL CONSTRUCTION JOINT

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4*	30"	24"**

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER***	CONTRACTION JOINT SPACING
5 ½", 6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8", 8 ½"	1 ¼"	15'
9", 9 ½"	1 ¼"	15'
10" & ABOVE	1 ½"	15'

*** FOR DOWELED CONCRETE SHOULDERS WITH TRAPEZOIDAL CROSS SECTIONS, CHOSE THE APPROPRIATE DOWEL BAR DIAMETER BASED ON THE SMALLER PAVEMENT DEPTH (LIKELY THE OUTSIDE EDGE OF THE SHOULDER). IF USING BASKETS, USE BASKETS FOR THE AVERAGE THICKNESS OF THE CROSS SECTION.

CONCRETE PAVEMENT SHOULDERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 — DATE
/S/ Peter Kemp, P.E. — PAVEMENT SUPERV
FHWA

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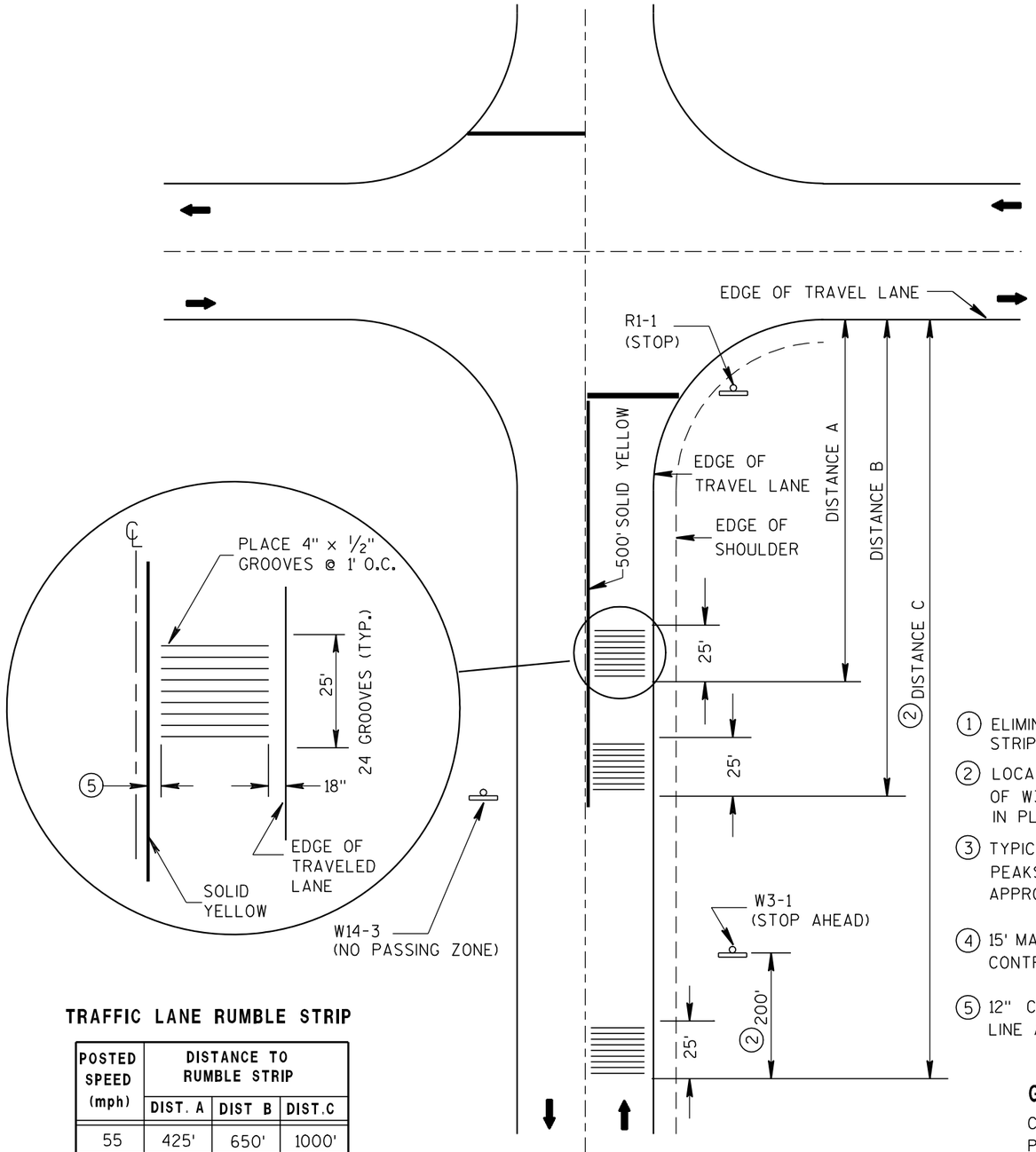
S.D.D. 13 A 3-6



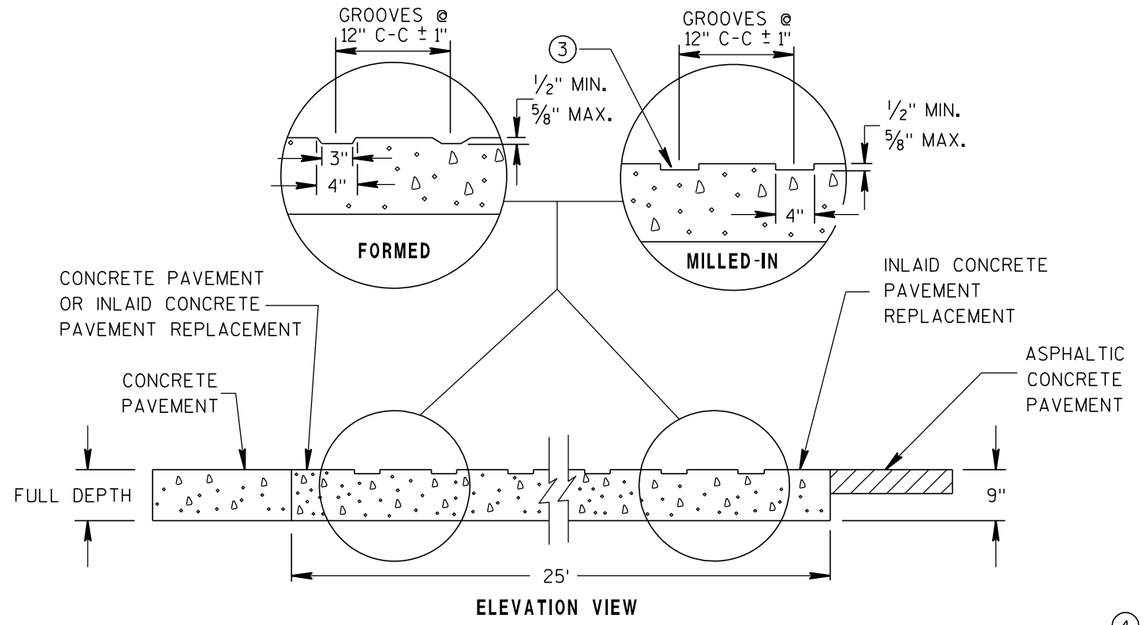
ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL

PLAN VIEW

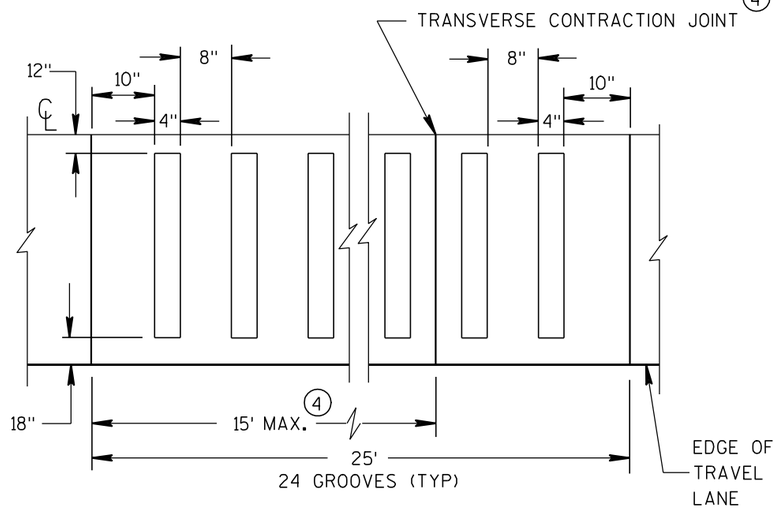
RUMBLE STRIP LOCATION

TRAFFIC LANE RUMBLE STRIP

POSTED SPEED (mph)	DISTANCE TO RUMBLE STRIP		
	DIST. A	DIST B	DIST.C
55	425'	650'	1000'
50	325'	450'	800'
45	275'	400'	650'
40	225'	(1)	550'
35	175'	(1)	475'
≤ 30	125'	(1)	425'



ELEVATION VIEW



PLAN VIEW

CONCRETE PAVEMENT MILLED-IN OR TOOLED-IN

1. ELIMINATE THE MIDDLE SET OF RUMBLE STRIPS.
2. LOCATE RUMBLE STRIP 200' IN ADVANCE OF W3-1 SIGN AS SHOWN. IF W3-1 IS NOT IN PLACE, USE DISTANCE C.
3. TYPICAL VERTICAL VARIATION BETWEEN PEAKS AND VALLEYS WITHIN THE CUT APPROXIMATELY 1/16".
4. 15' MAX. SPACING FOR TRANSVERSE CONTRACTION JOINT
5. 12" CLEAR BETWEEN THE SOLID YELLOW LINE AND THE EDGE OF THE RUMBLE

GENERAL NOTES

CONTRACTOR SHALL CONFIRM RUMBLE STRIP LOCATION WITH THE ENGINEER PRIOR TO INSTALLATION. THE ENGINEER MAY MODIFY THE RUMBLE STRIP LOCATION AS FIELD CONDITIONS DICTATE.

EXTEND CONCRETE FROM THE ℄ TO THE EDGE OF TRAVEL WAY.

PAVEMENT MARKING AND SIGNING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

CONCRETE RUMBLE STRIPS AT INTERSECTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8/17/2011 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
77
FHWA

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S.D.D. 13 A 9-1

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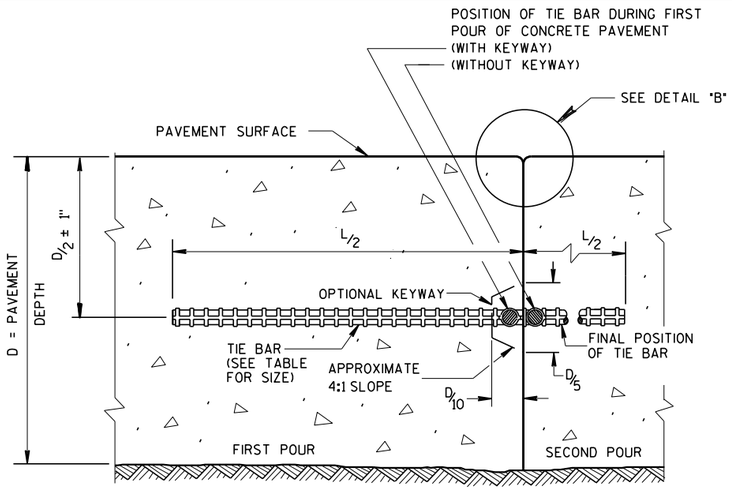
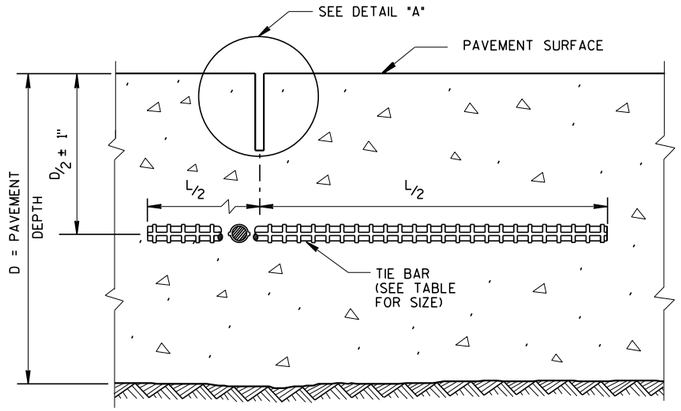
S.D.D. 13 A 9-1



CONSTRUCTION JOINT



SAWED JOINT

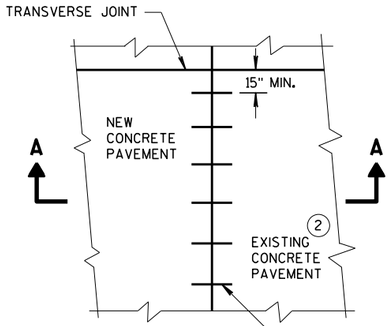
GENERAL NOTES

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

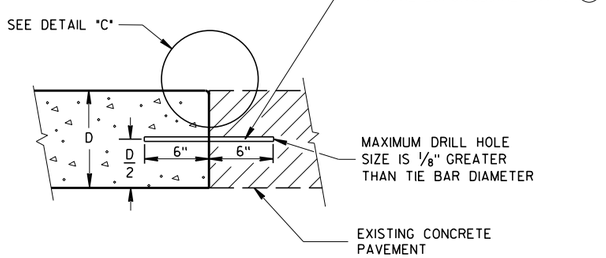
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.

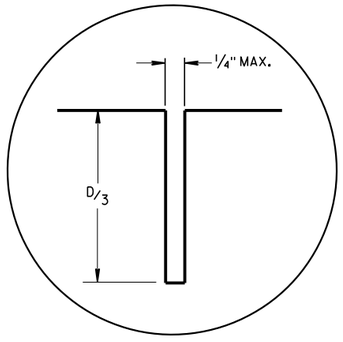


PLAN VIEW

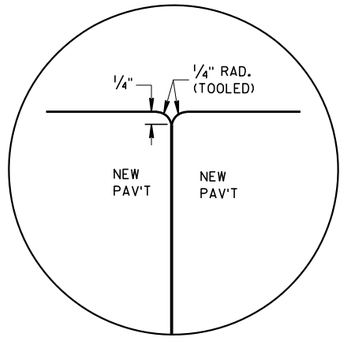


SECTION A-A

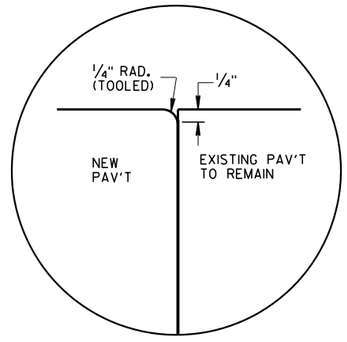
LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT



DETAIL "A"



DETAIL "B"



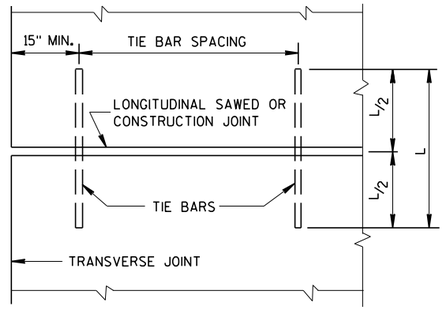
DETAIL "C"

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



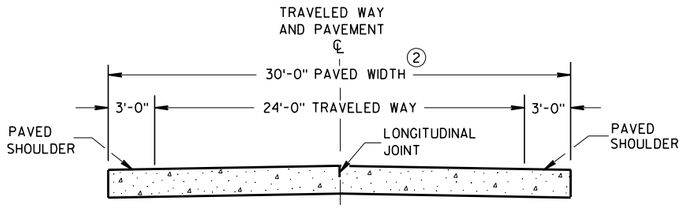
PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT
LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

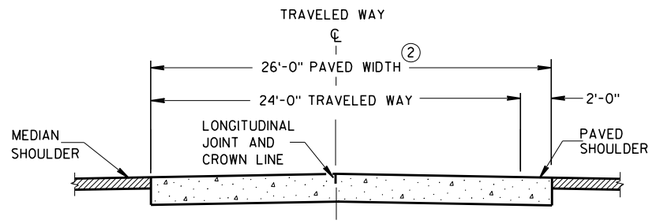
APPROVED
March 2018 — DATE
/S/ Peter Kerr, P.E. — PAVEMENT SUPE
FHWA

6
S.D.D. 13 C 1-19

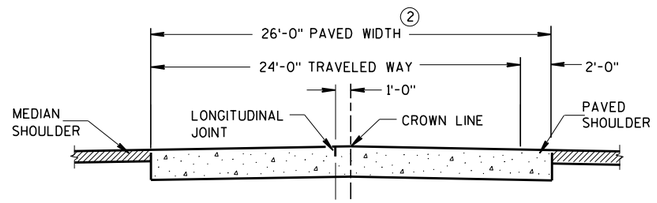


SECTION A-A ①

TWO-LANE TWO-WAY HIGHWAY



SECTION B-B



ALTERNATIVE SECTION B-B

①

DIVIDED HIGHWAY

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES AND A MAXIMUM OF 18 INCHES FROM THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

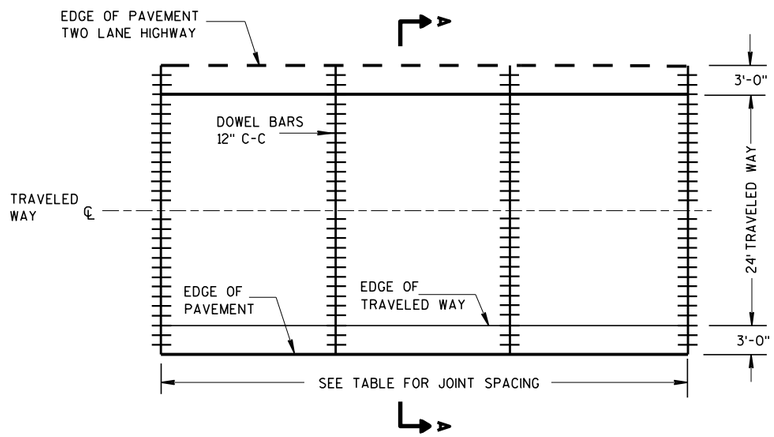
LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.

① REFER TO TYPICAL CROSS SECTIONS FOR ADDITIONAL DETAILS.

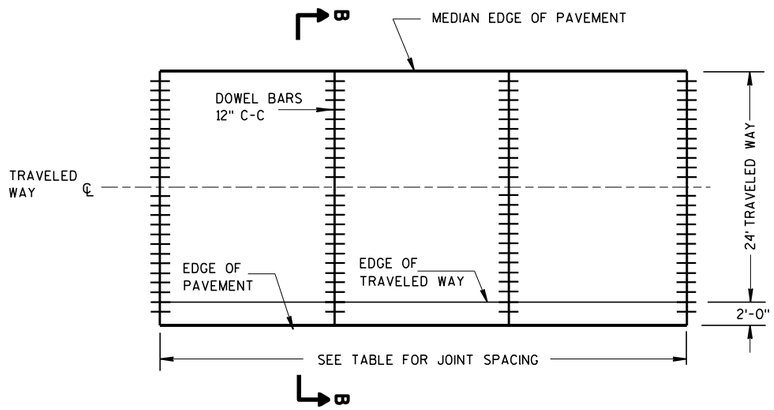
② MEASURE THE ENTIRE PAVED WIDTH INCLUDING THE PORTION(S) LABELED PAVED SHOULDER AS CONCRETE PAVEMENT.

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 ½", 6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8", 8 ½"	1 ¼"	15'
9", 9 ½"	1 ¼"	15'
10" & ABOVE	1 ½"	15'



CONTRACTION JOINT LAYOUT FOR TWO-LANE TWO-WAY HIGHWAY



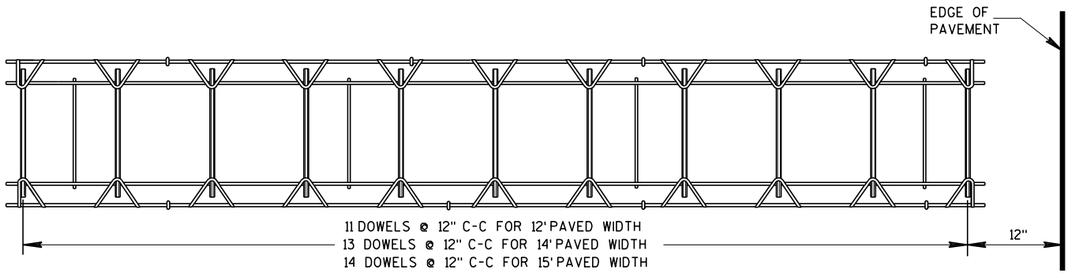
CONTRACTION JOINT LAYOUT FOR DIVIDED HIGHWAY

RURAL DOWELED CONCRETE PAVEMENT

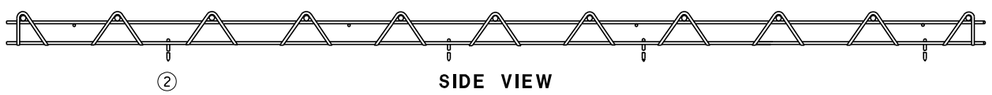
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

S.D.D. 13 C 11-12a



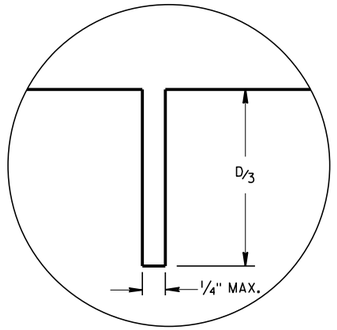
PLAN VIEW



SIDE VIEW

(NORMAL TO CENTERLINE)

CONTRACTION JOINT DOWEL ASSEMBLY ①



JOINT DETAIL

GENERAL NOTES

① OBTAIN THE ENGINEER'S APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTING CONTRACTION JOINTS.

② SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.

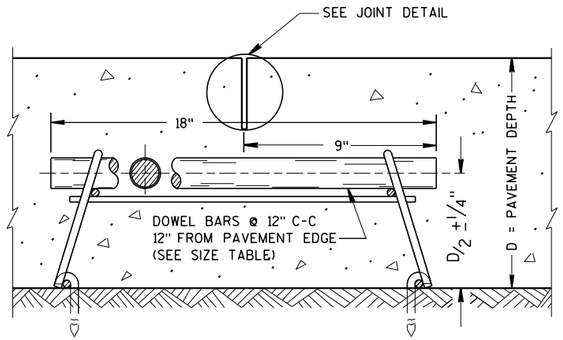
③ FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A 1/4-INCH RADIUS AT FORMED JOINTS.

④ PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.

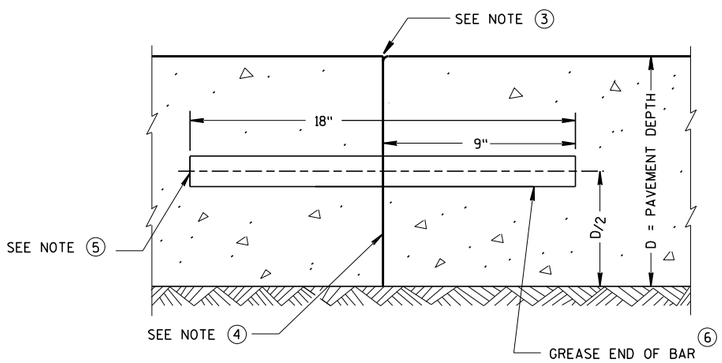
⑤ INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C-C AND 12 INCHES FROM PAVEMENT EDGE. REMOVE EXCESS CONCRETE FROM THE FREE END OF THE DOWEL BAR IF DOWEL BARS ARE FORMED THROUGH A HEADER BOARD. INSTALL DRILLED DOWEL BARS ACCORDING TO *DRILLED DOWEL BAR CONSTRUCTION JOINT* DETAIL.

⑥ APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

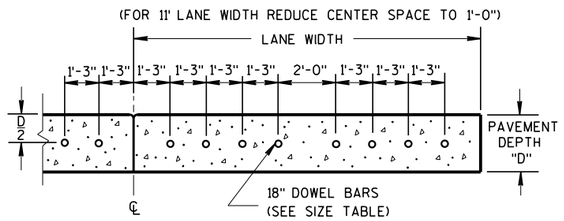
⑦ ANCHOR DOWEL BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS 1/8-INCH GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.



DOWELED CONTRACTION JOINT



TRANSVERSE CONSTRUCTION JOINT



DRILLED DOWEL BAR CONSTRUCTION JOINT ⑦

RURAL DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Peter Kemp P.E. — PAVEMENT SUP
FHWA

6

S.D.D. 13 C 11-12b

GENERAL NOTES

PCCP = PORTLAND CEMENT CONCRETE PAVEMENT.

SHLDR = SHOULDER.

CONTINUE SAW CUT CONTRACTION JOINT ACROSS TURN LANE, EXIT TAPER AND PASSING LANE.

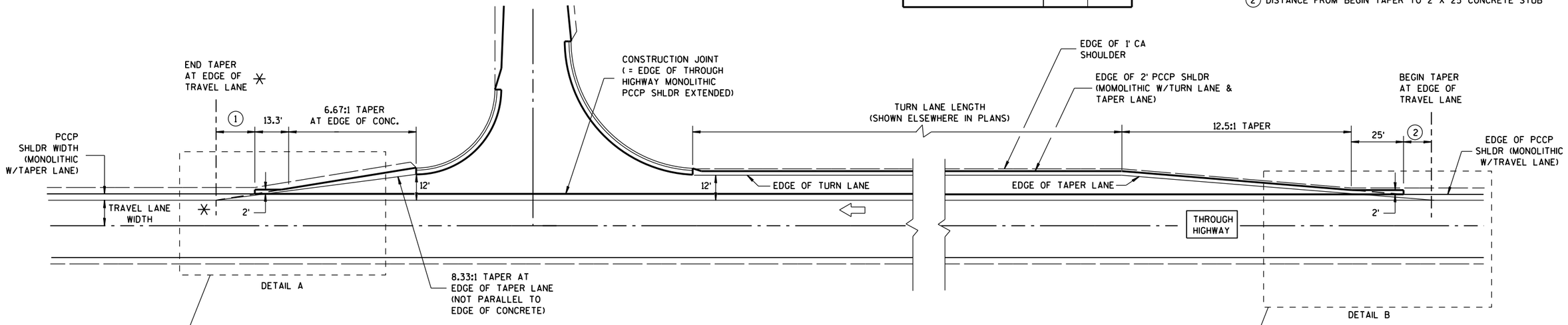
PAVEMENT MARKING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

THROUGH HIGHWAY LANE WIDTH AND PCCP SHOULDER WIDTH ARE SHOWN ELSEWHERE IN PLANS

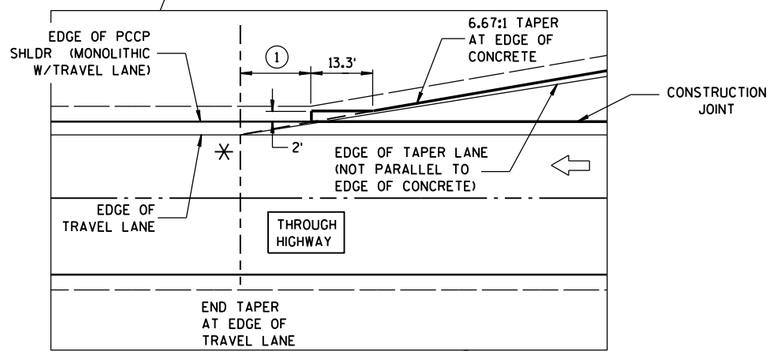
(1) DISTANCE FROM END TAPER TO 2' X 13.3' CONCRETE STUB

(2) DISTANCE FROM BEGIN TAPER TO 2' X 25' CONCRETE STUB

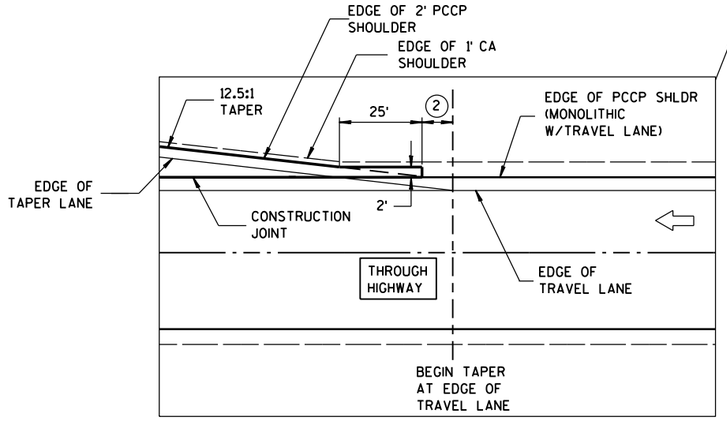
THROUGH HIGHWAY MONOLITHIC PCCP SHOULDER WIDTH (FEET)	DISTANCE (FEET)	
	(1)	(2)
2	13.3	0.0
3	20.0	12.5
TAPER RATE : 1	6.67	12.5



NOTE: EDGE OF CONCRETE TAPER (EXTENDED) & EDGE OF TAPER LANE CONVERGE



DETAIL A



DETAIL B

RIGHT TURN LANE AND EXIT TAPER

DETAIL FOR RIGHT TURN LANE/ TEE INTERSECTION BYPASS LANE ON A CONCRETE ROADWAY

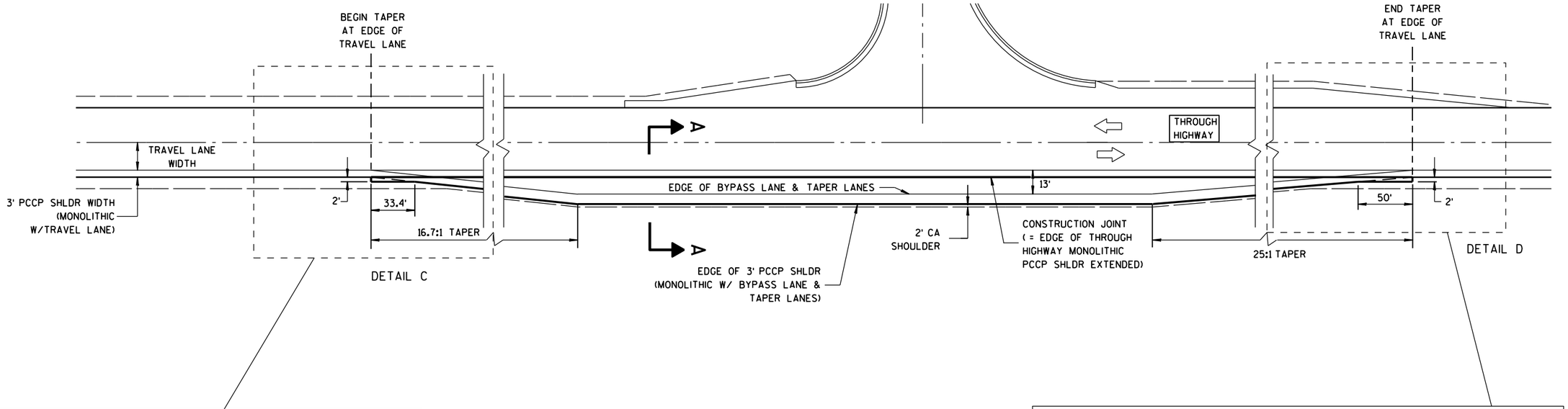
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

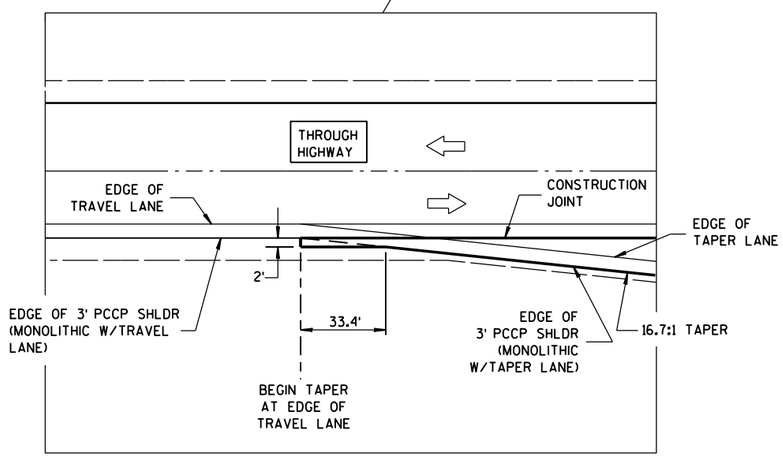
6

S.D.D. 13 C 16-2a

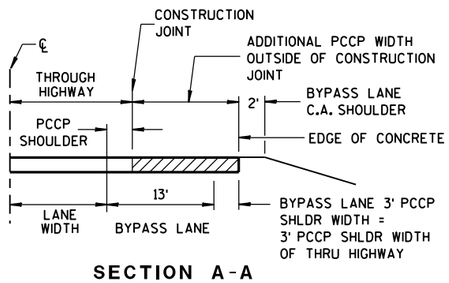
6

S.D.D. 13 C 16-2a



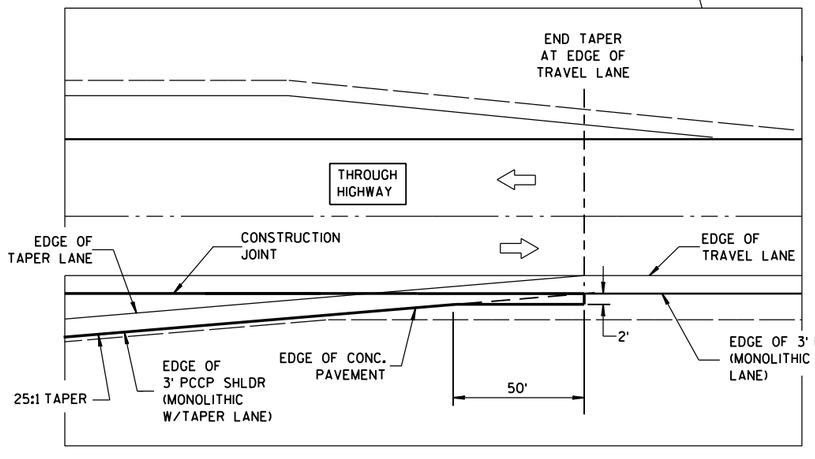


DETAIL C



SECTION A-A

(SHOWING BYPASS LANE AND SHOULDER)



DETAIL D

TWO LANE UNDIVIDED HIGHWAY TEE INTERSECTION BYPASS LANE

DETAIL FOR RIGHT TURN LANE/ TEE INTERSECTION BYPASS LANE ON A CONCRETE ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

12/18/12 — DATE

/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER

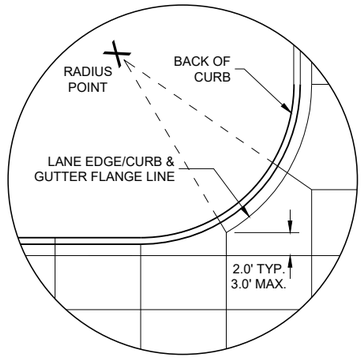
FHWA

6

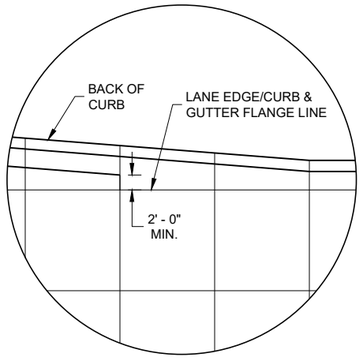
S.D.D. 13 C 16-2b

6

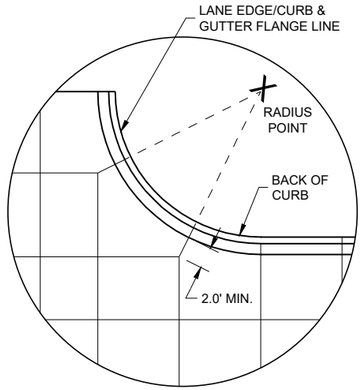
S.D.D. 13 C 16-2b



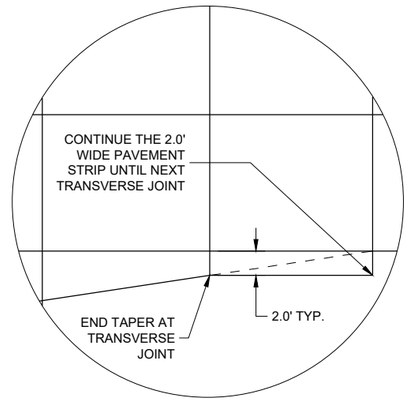
DETAIL "A"



DETAIL "B"



DETAIL "C"



DETAIL "D"

GENERAL NOTES

THE PRIMARY ROADWAY CONTROLS THE TRANSVERSE JOINT PATTERN.

ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS.

CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.

ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (E.G MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE. WATER VALVES DO NOT REQUIRE JOINT ADJUSTMENT.

AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

SEE TABLE FOR TRANSVERSE JOINT SPACING. JOINT SPACING SPECIFIED IS MAXIMUM AND ACTUAL SPACING CAN BE ADJUSTED TO ACCOMMODATE INTERSECTIONS.

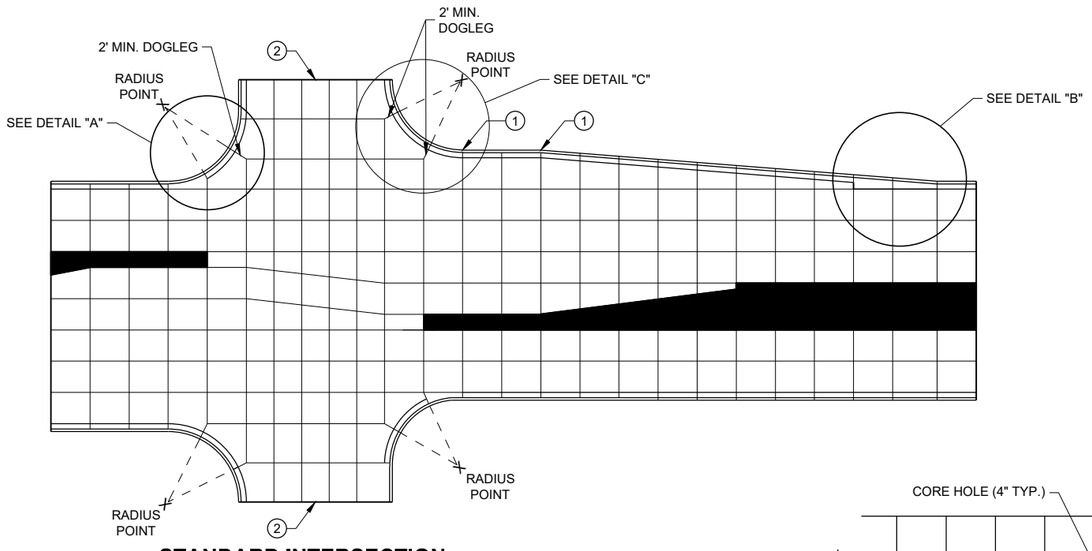
AVOID ANGLES LESS THAN 60° BY DOGLEGGING JOINTS THROUGH CURVE RADIUS POINTS. USE 90° ANGLES WHEN POSSIBLE.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.

(2) CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITHEDGE OF RADIUS.

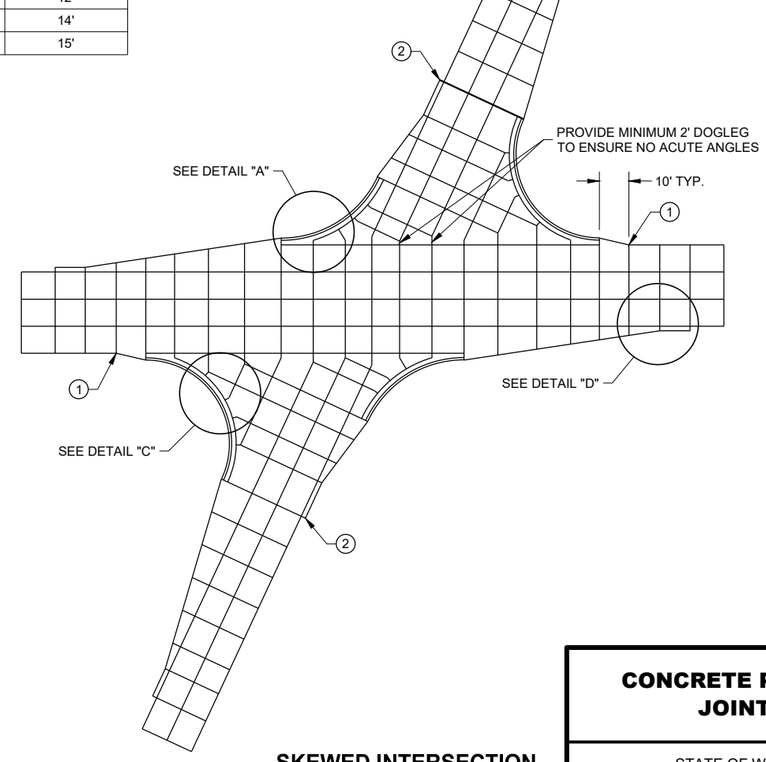
(3) THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



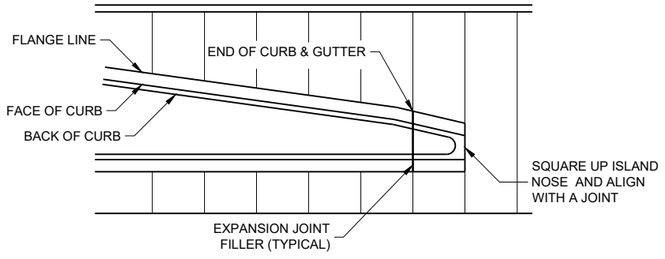
STANDARD INTERSECTION

PAVEMENT DEPTH AND JOINT SPACING TABLE

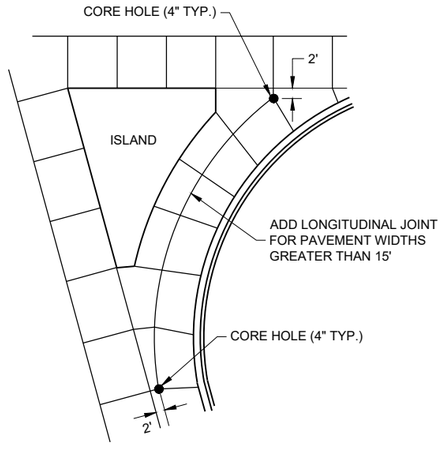
PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6 ½"	12'
7", 7 ½"	14'
8" & ABOVE	15'



SKEWED INTERSECTION



APPROACH TO MEDIAN



LARGE RIGHT TURN

CONCRETE PAVEMENT JOINTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 13C18 - 07a

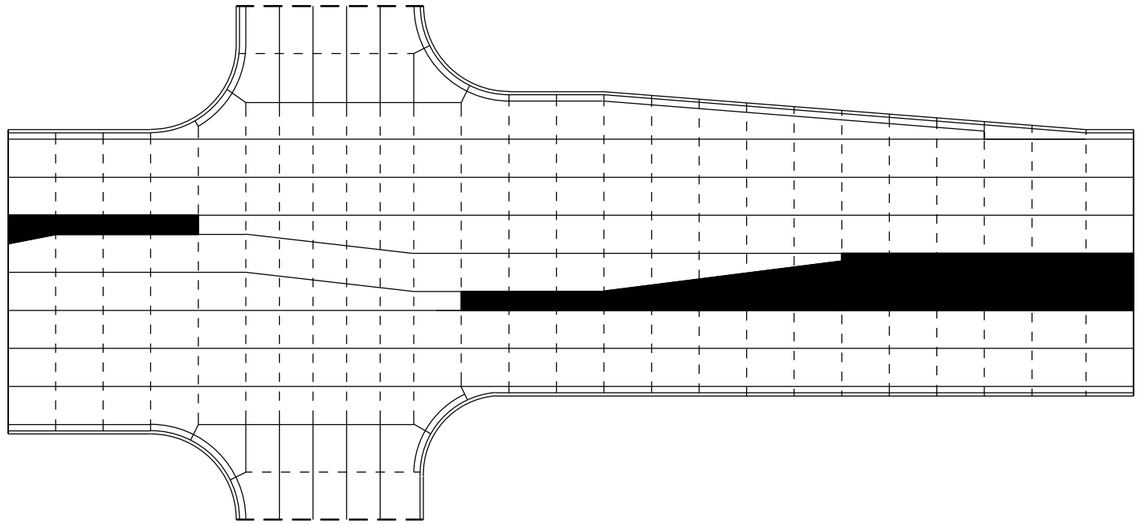
SDD 13C18 - 07a

LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

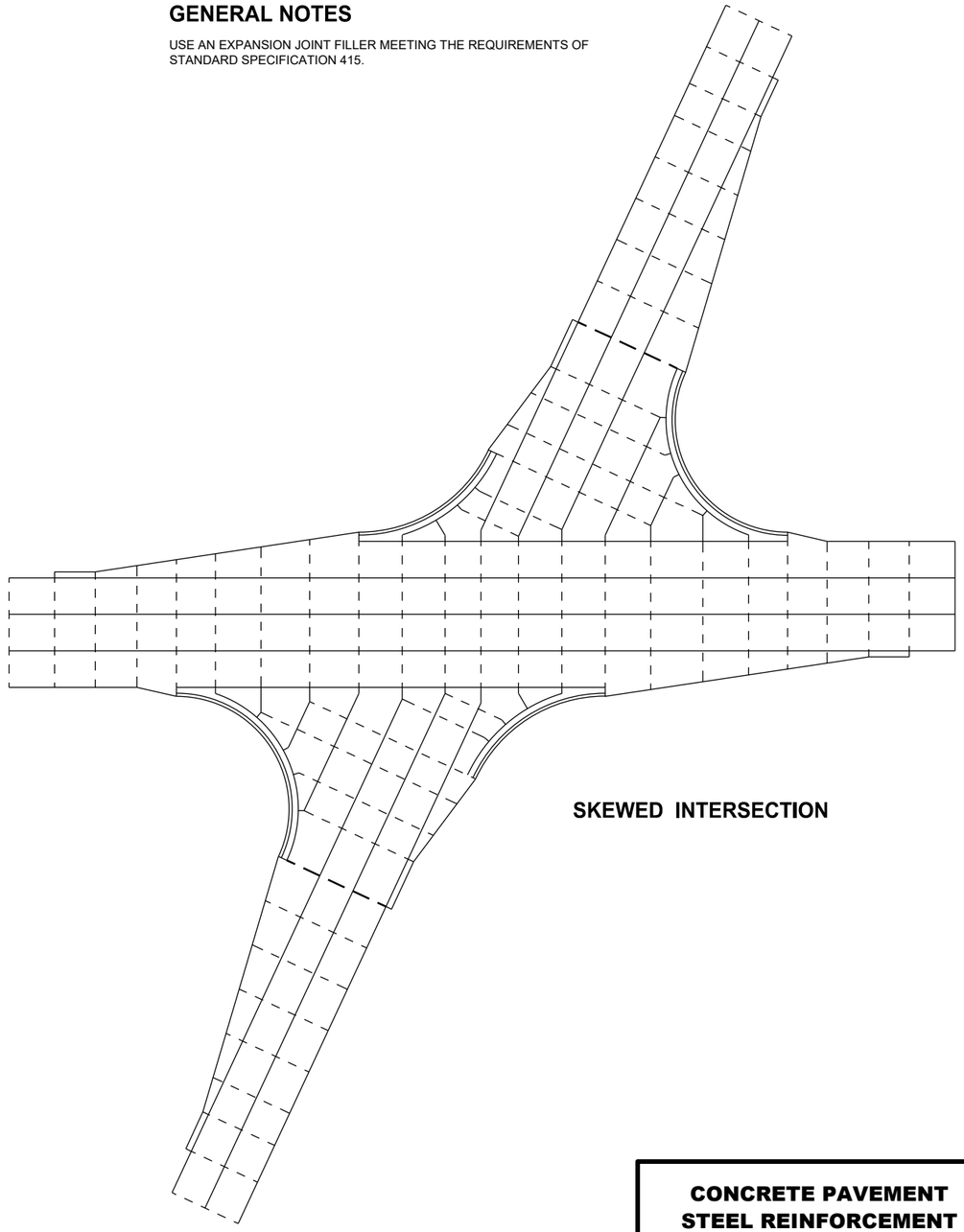
TIED JOINT



STANDARD INTERSECTION

GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

6

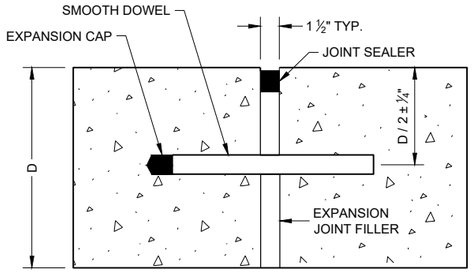
SDD 13C18 - 07b

CONCRETE PAVEMENT
STEEL REINFORCEMENT

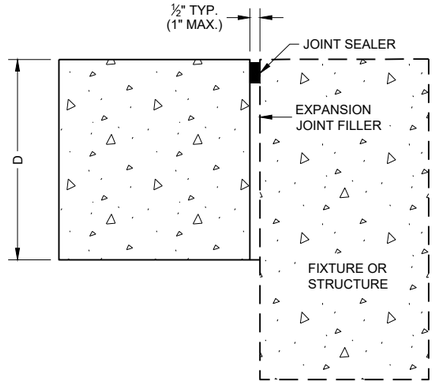
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 13C18 - 07b



DOWELED TRANSVERSE (1)



UNTIED - LONGITUDINAL

EXPANSION JOINTS

TIE BAR TABLE

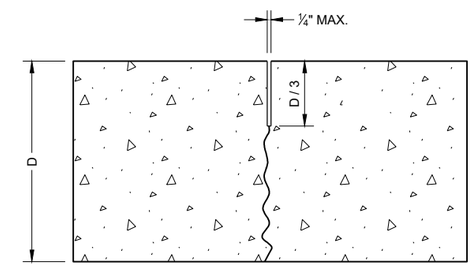
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4*	30"	24"**

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

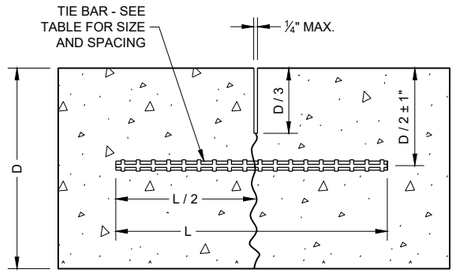
** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

GENERAL NOTES

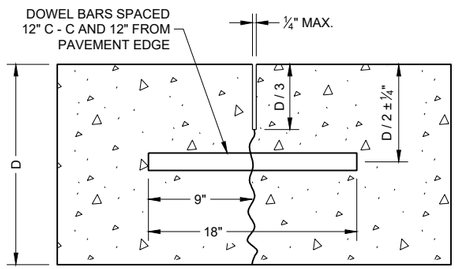
1. USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATETHE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
2. SPACE CONTRACTION JOINTS IN ACCORDANCE WITH SDD 13C4, 13C11 OR 13C13.
3. LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
4. CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
5. IF JOINT IS FORMED, PROVIDE A ¼" RADIUS.
6. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



UNDOWELED TRANSVERSE

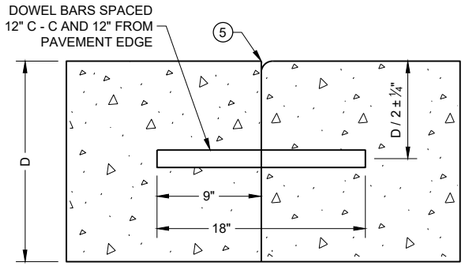


TIED LONGITUDINAL

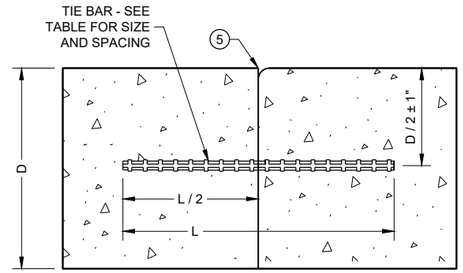


DOWELED TRANSVERSE

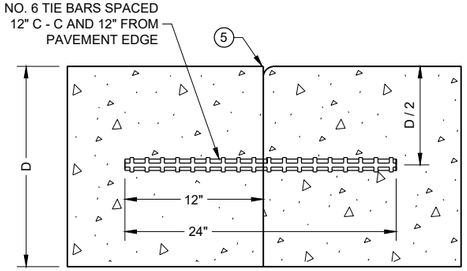
CONTRACTION JOINTS (2)



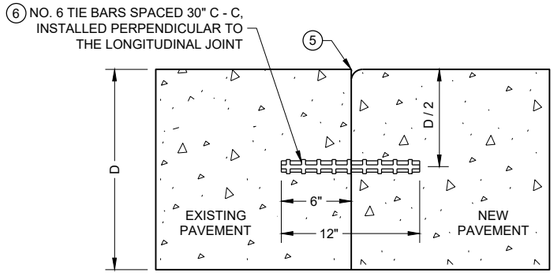
DOWELED TRANSVERSE (3)



TIED LONGITUDINAL



TIED TRANSVERSE (3)
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



TIED LONGITUDINAL TO EXISTING

CONSTRUCTION JOINTS (4)

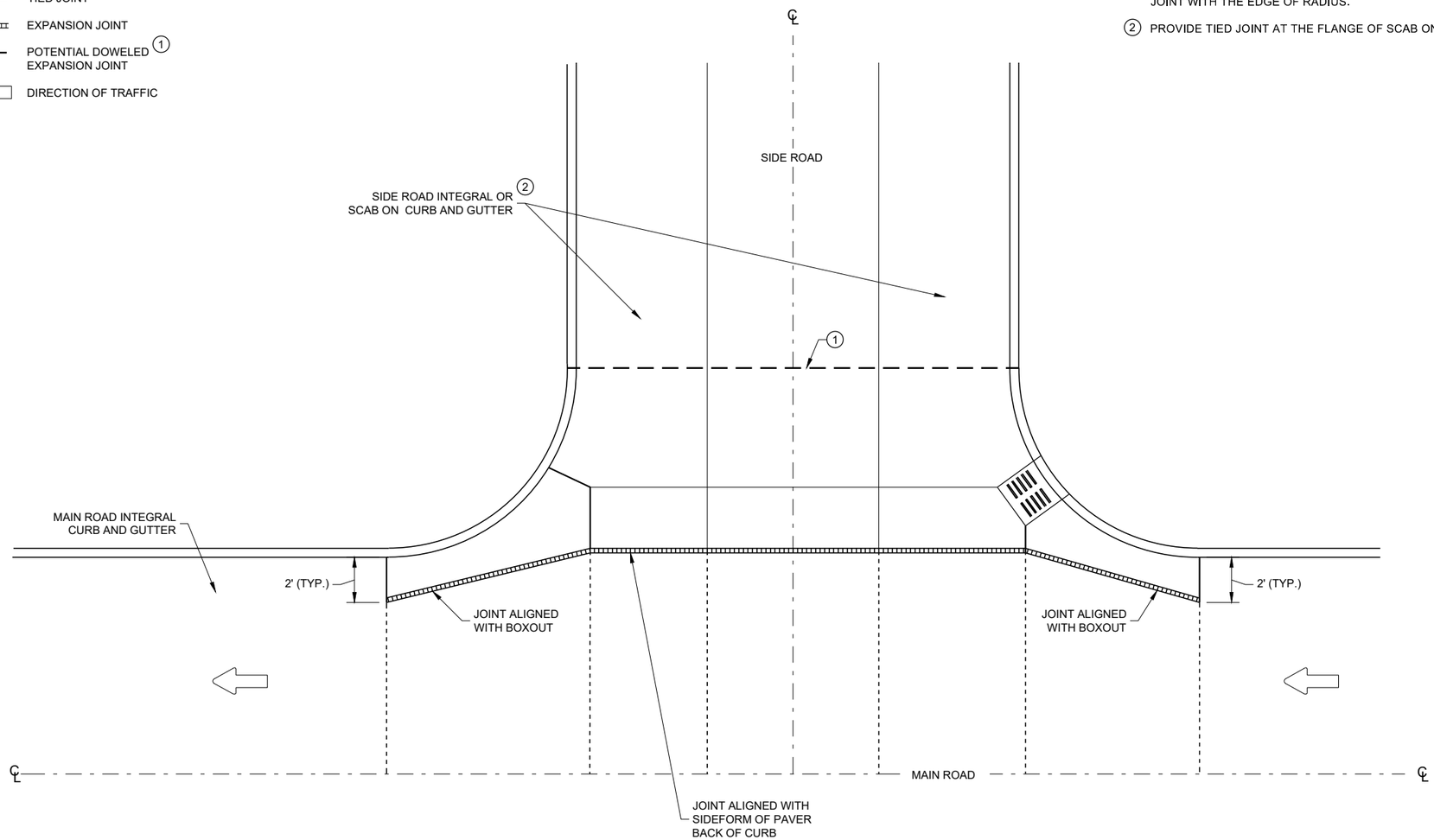
CONCRETE PAVEMENT JOINT TYPES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 13C18 - 07c

LEGEND

- DOWELED JOINT
- TIED JOINT
- EXPANSION JOINT
- POTENTIAL DOWELED EXPANSION JOINT (1)
- DIRECTION OF TRAFFIC



GENERAL NOTES

(1) CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH THE EDGE OF RADIUS.

(2) PROVIDE TIED JOINT AT THE FLANGE OF SCAB ON CURB IF SCAB ON CURB AND GUTTER IS USE.

INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER

CONCRETE PAVEMENT INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018 — DATE
/S/ Peter Kemp P.E. — ROADWAY STANDARDS DEVE ENGINEER

FHWA

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SDD 13C18 - 07f

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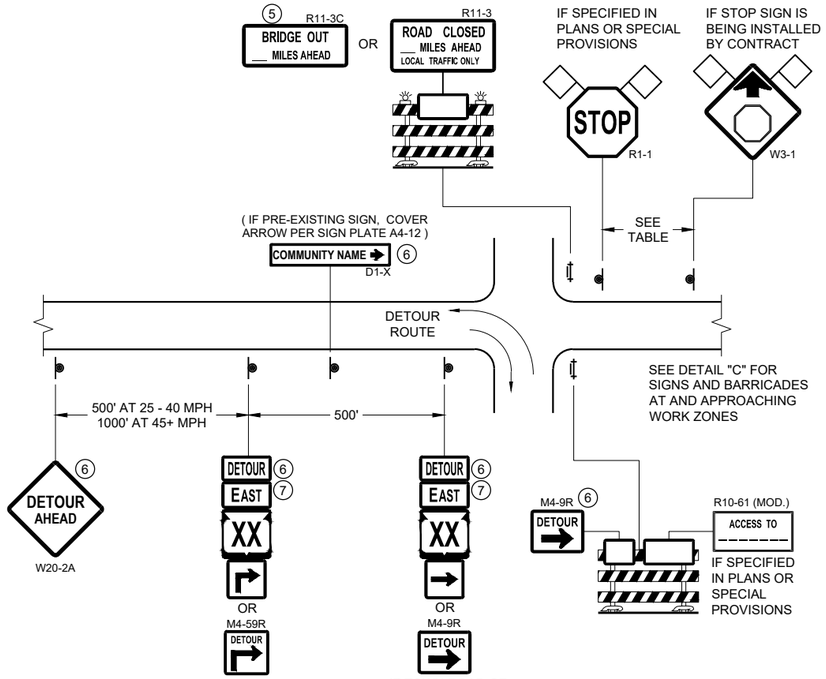
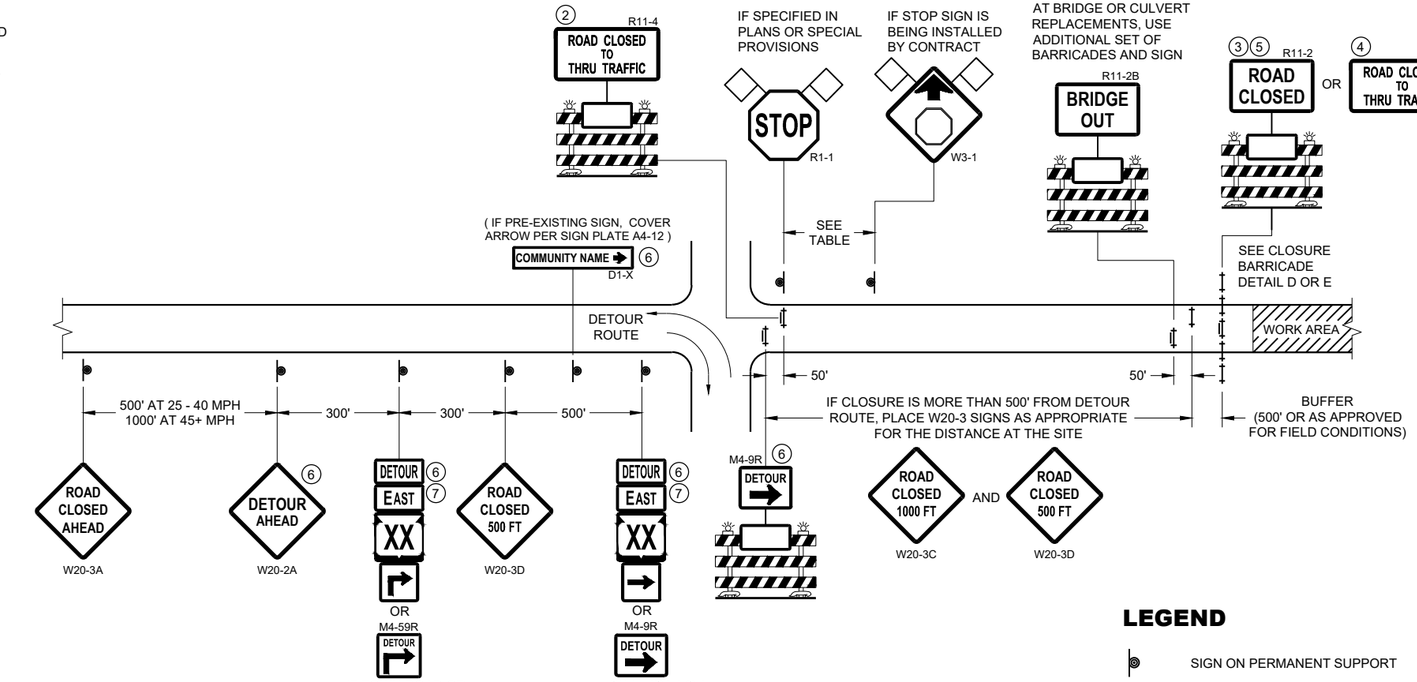
SDD 13C18 - 07f



DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

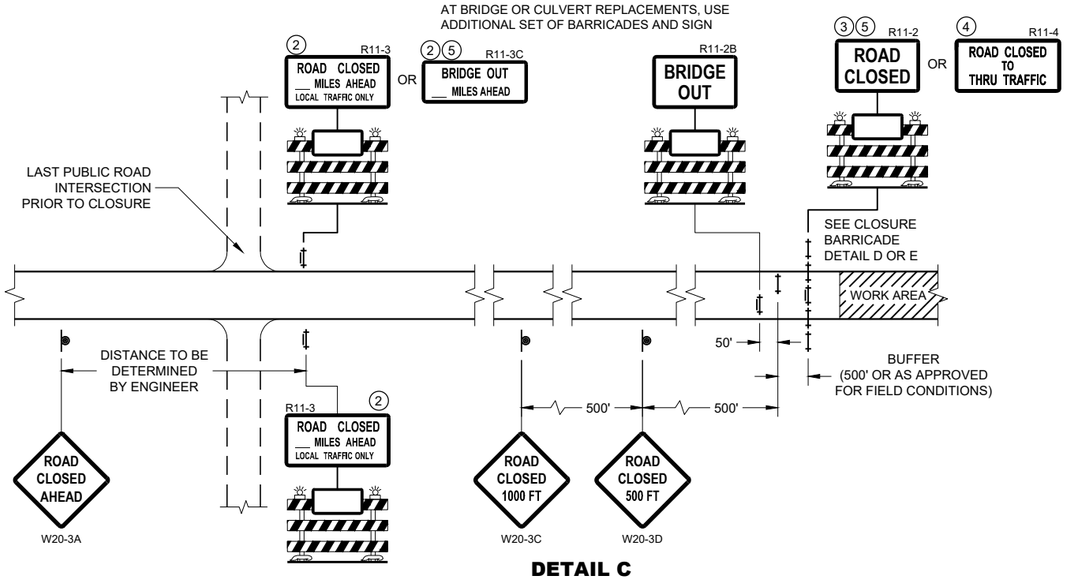
SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b"
FOR GENERAL NOTES
AND FOOTNOTES ① THROUGH ⑦

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)

DETOUR M4 - 8
EAST M3 - X
XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
M05 - 1 OR M06 - 1



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

SDD 15C02 - 08a

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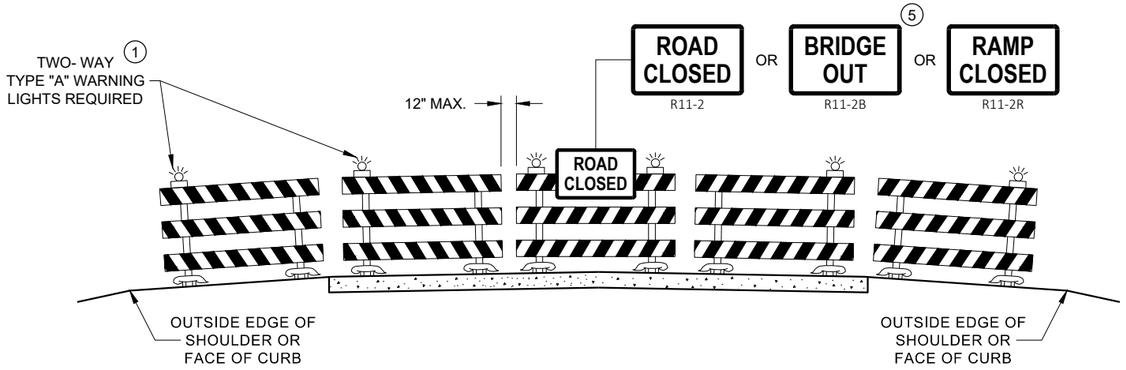
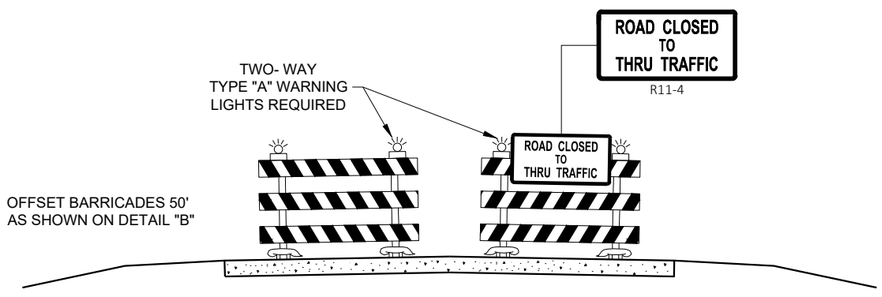
SDD 15C02 - 08a



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

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

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C02 - 08b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

- SIGN ON PERMANENT SUPPORT
- WORK AREA
- DETOUR / EAST — M4 - 8, M3 - X
- XX — M1 - 4
- OR XX — M1 - 6
- OR COUNTY X — M1 - 5A
- M05 - 1
- OR M06 - 1
- OR M06 - 1

GENERAL NOTES

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

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND DETOUR SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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

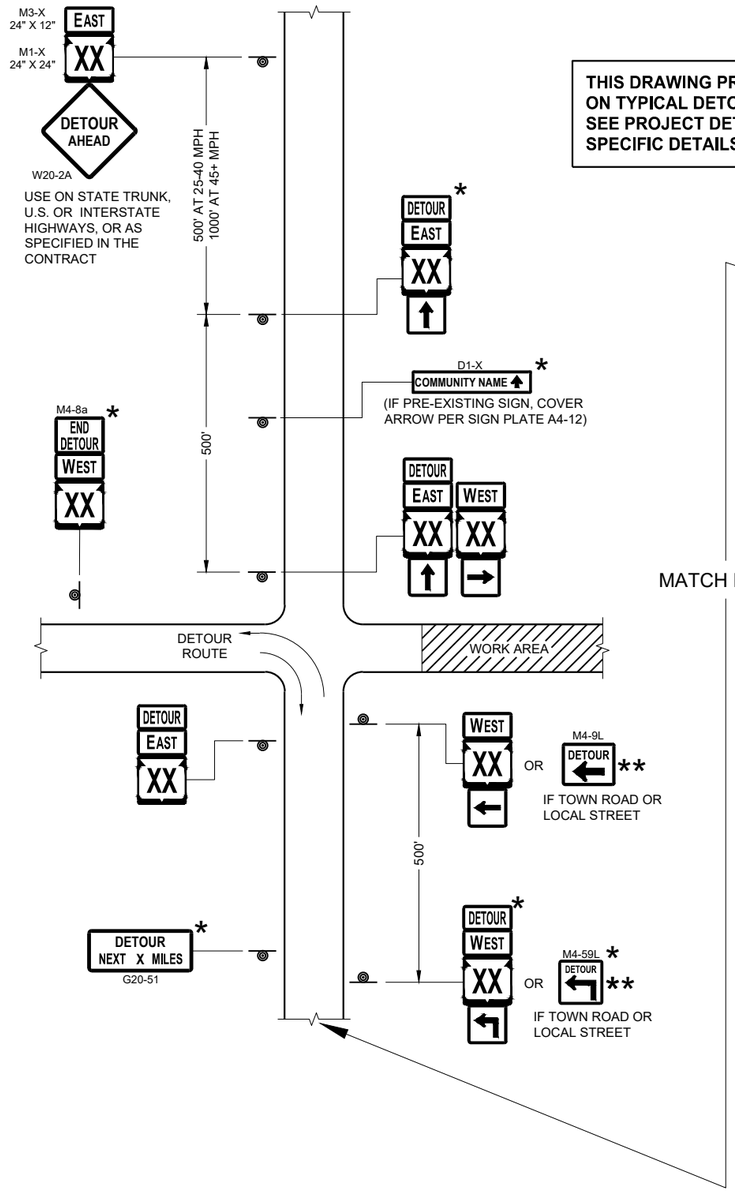
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOWS:

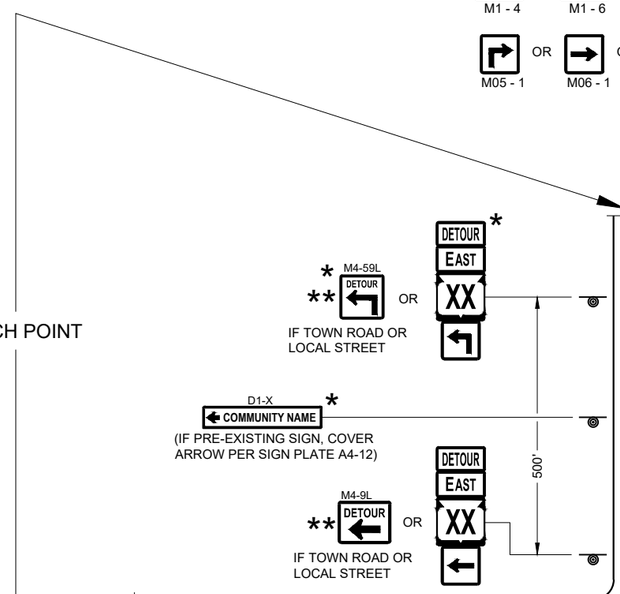
M3-X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
M4-8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
M1-4, M1-5A AND M1-6 SHALL BE 24" X 24" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
M05-1 AND M06-1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
M4-9 AND M4-59 SHALL BE 30" X 24"
M4-8a SHALL BE 24" X 18"
G20-51 SHALL BE 60" X 24"
W20-2A SHALL BE 48" X 48"
D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

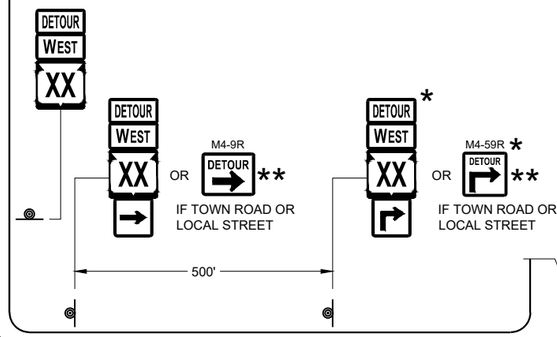
* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

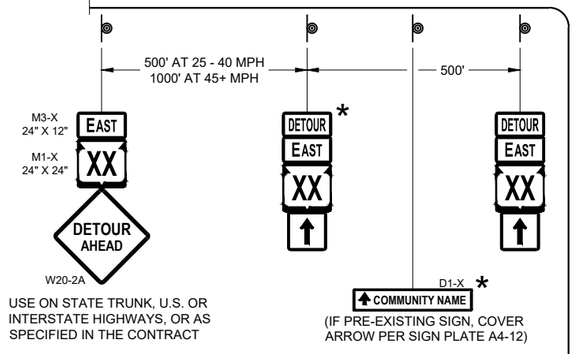
** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.

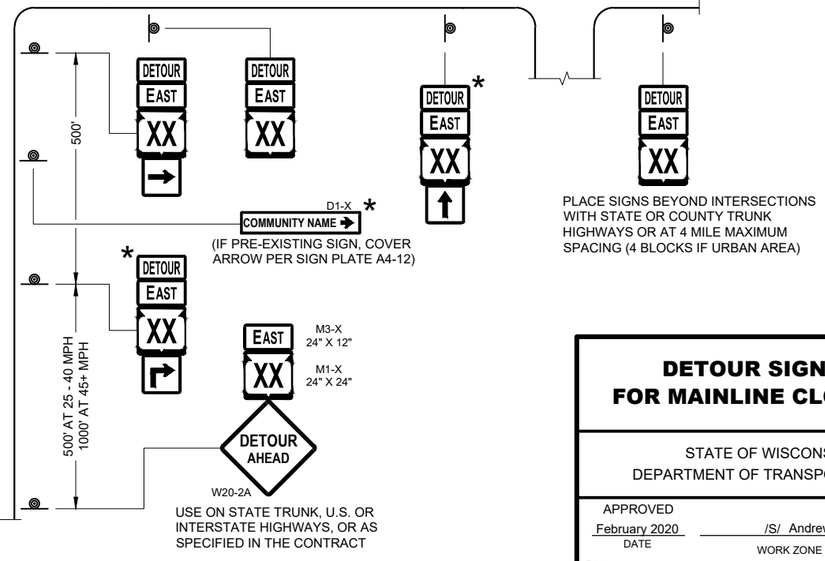


MATCH POINT









SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD SHEET 15C02 - SHEET "a"

DETAIL F
DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

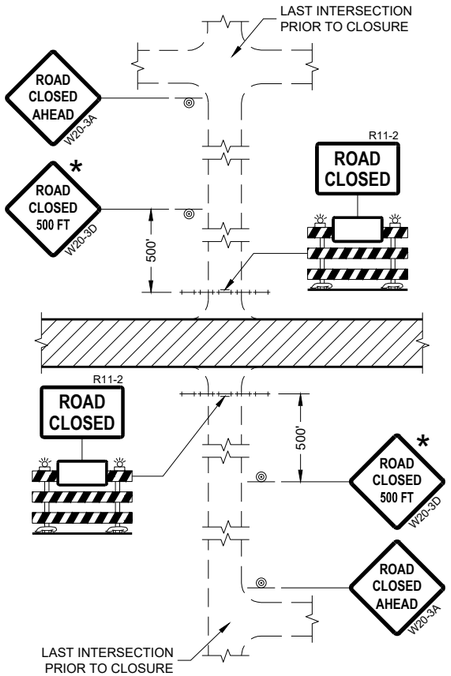
APPROVED
February 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

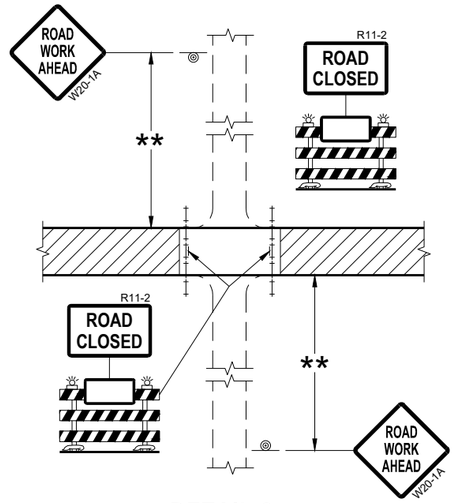
FHWA

SDD 15C02 - 08c

SDD 15C02 - 08c



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)

GENERAL NOTES

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

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

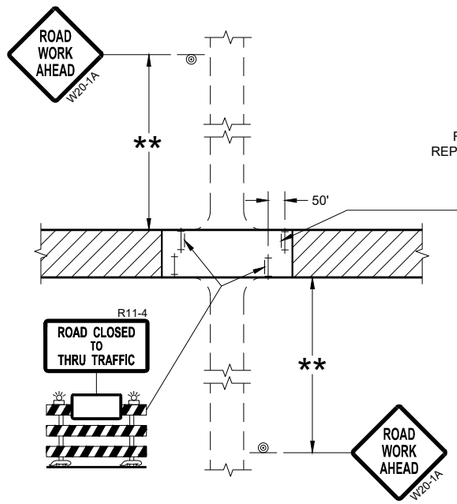
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

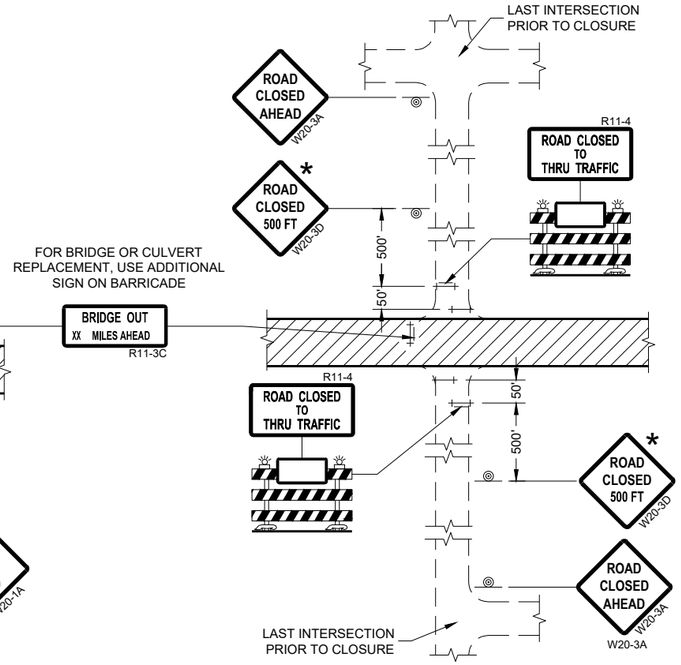
THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.





DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C03 - 05

SDD 15C03 - 05

GENERAL NOTES

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

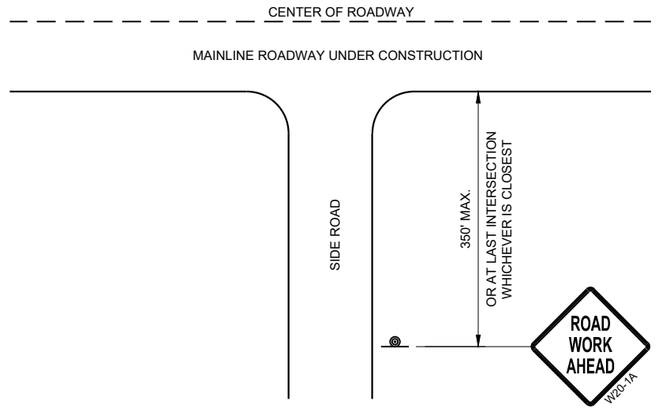
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

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

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



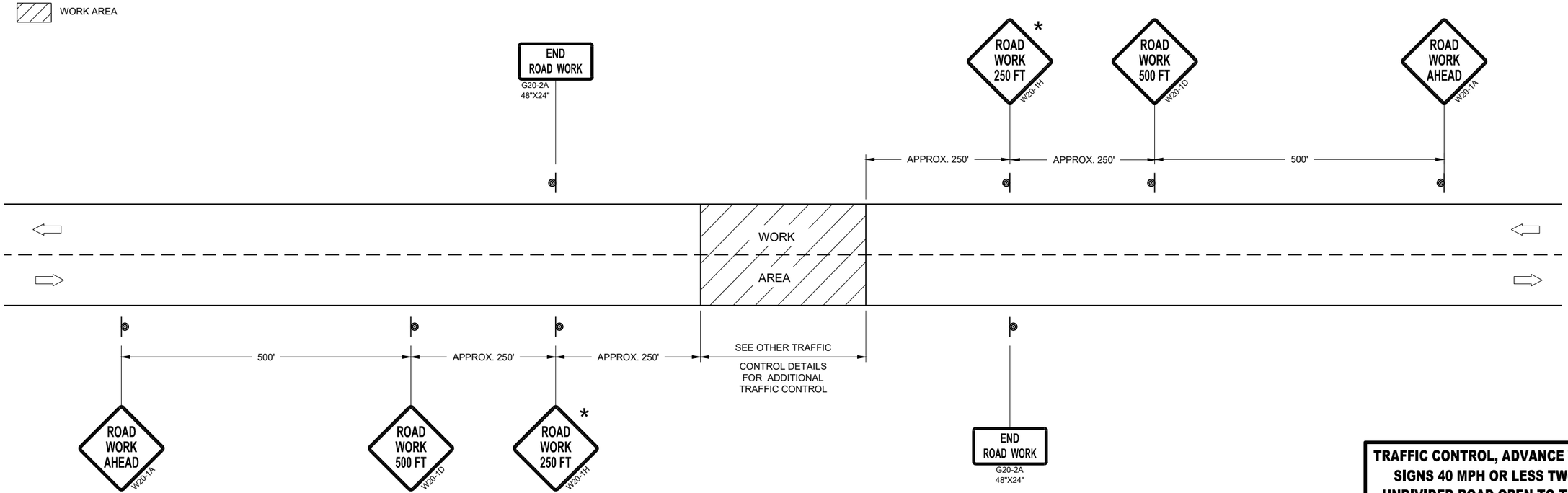
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFICE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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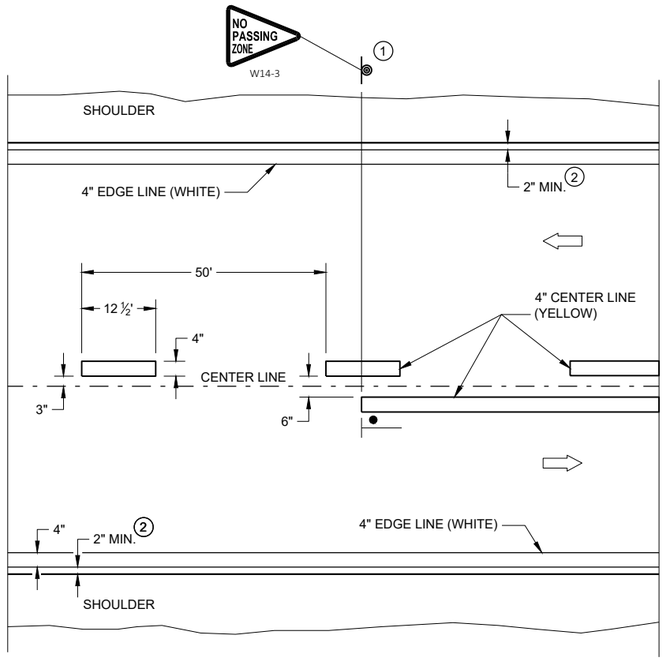
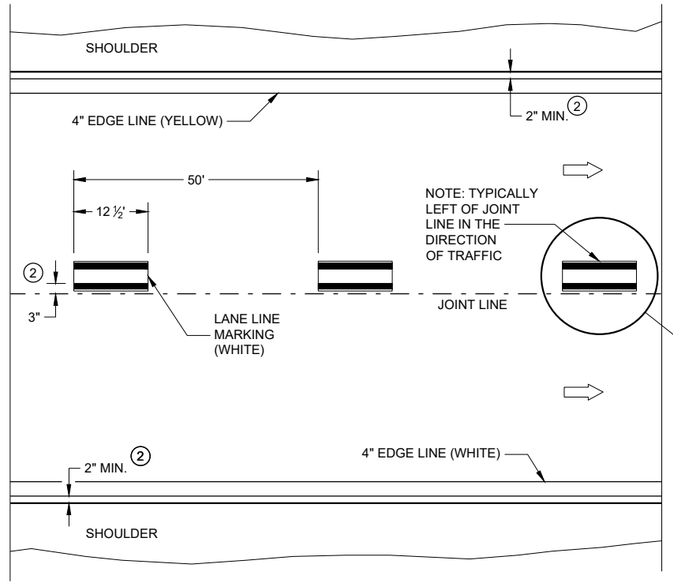
SDD 15C05 - 05

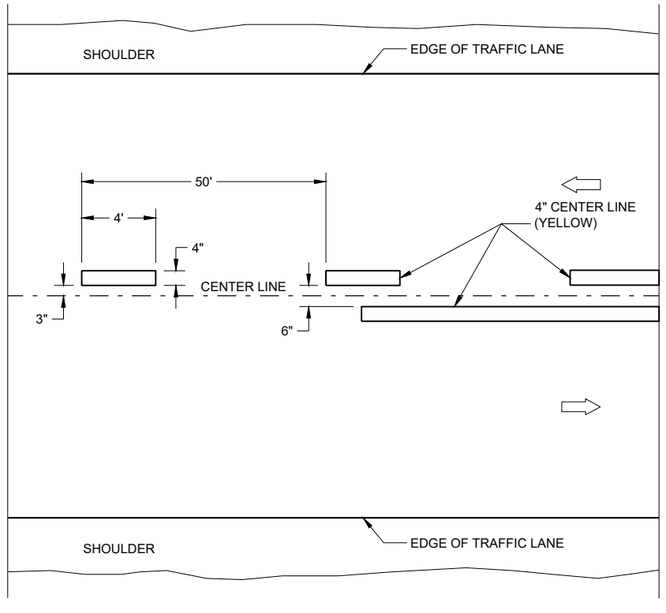


TWO WAY TRAFFIC

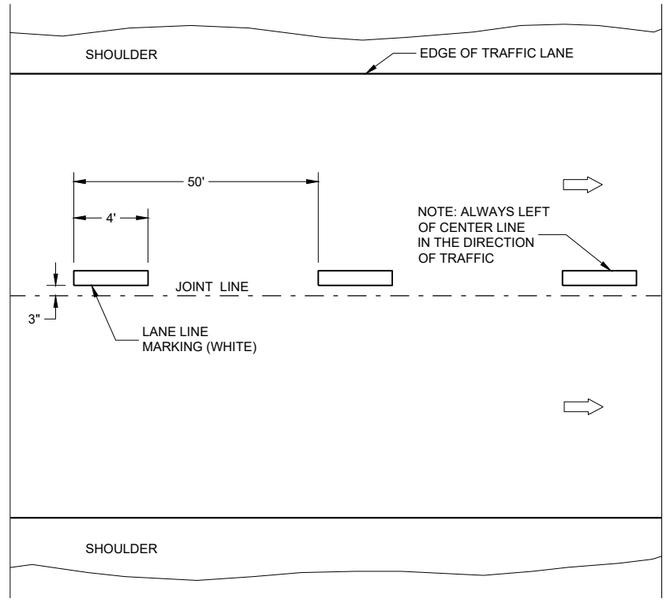


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

GENERAL NOTES

DETAILS OF CONSTRUCTION NO SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

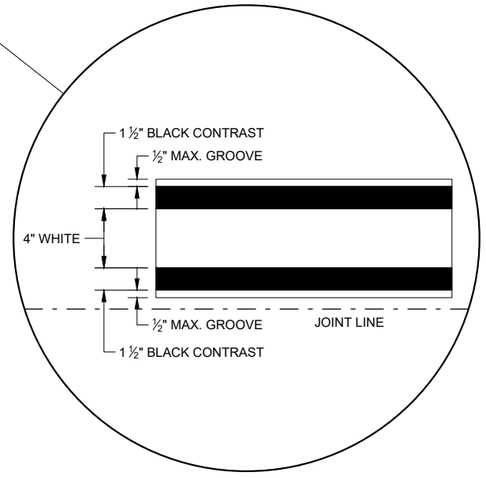
1. LOCATE THE NO PASSING ZONE W14-3 SIGN WITH 50 FEET OF THE "T" MARKING
2. MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



LONGITUDINAL MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE
/S/ Matthew Rauch
STATEWIDE SIGNING AND M ENGINEER

FHWA

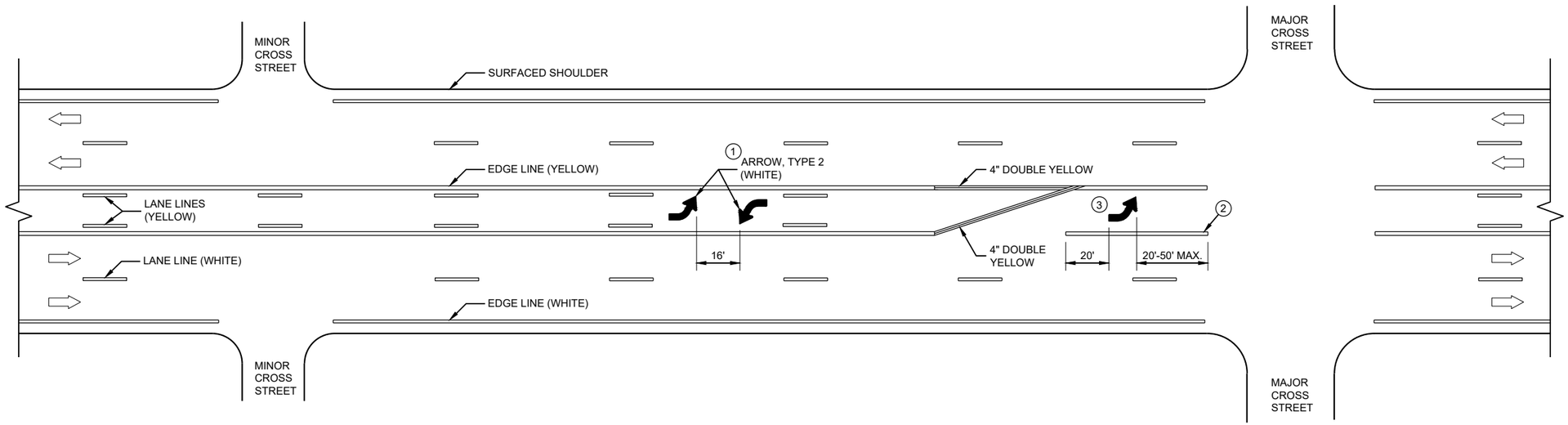
SDD 15C08 - 20a

SDD 15C08 - 20a

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 8" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

DIRECTION OF TRAFFIC



TWO WAY LEFT TURN LANE

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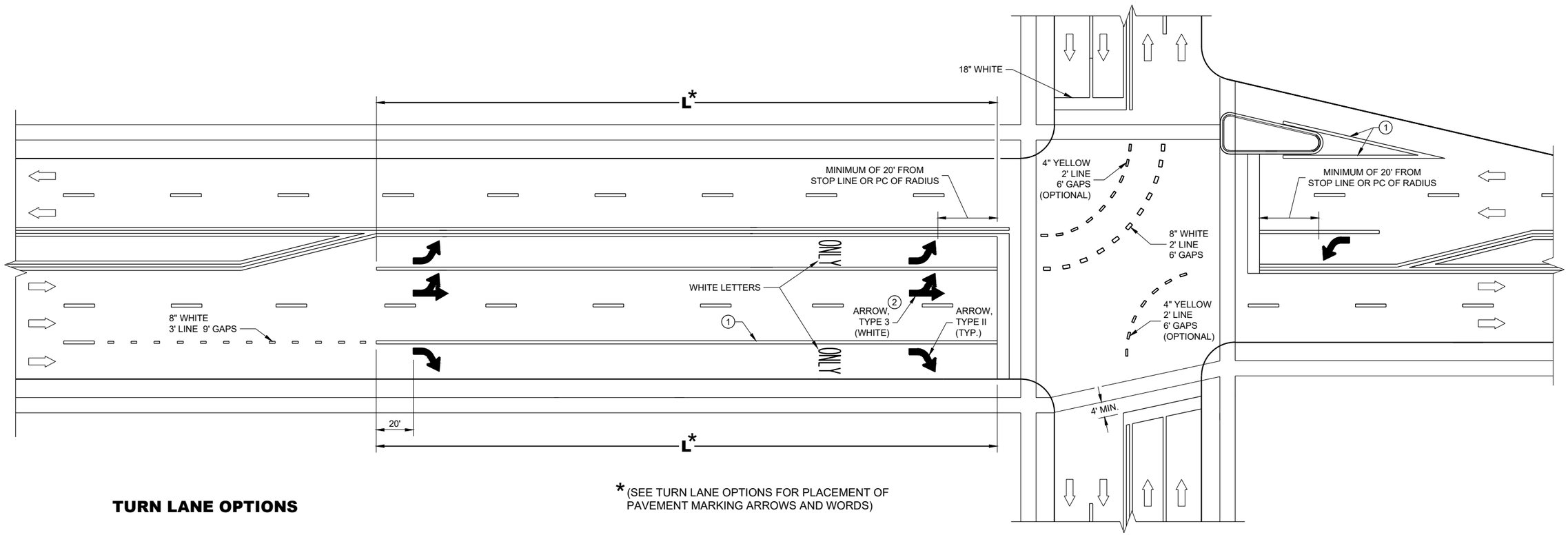
6

SDD 15C08 - 20b

SDD 15C08 - 20b

PAVEMENT MARKING (TURN LANES)

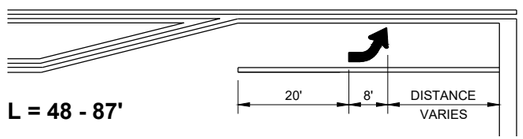
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



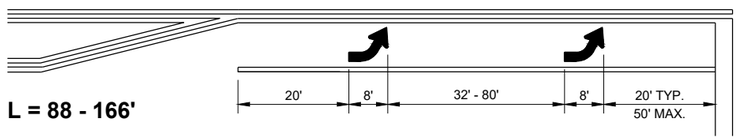
* (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

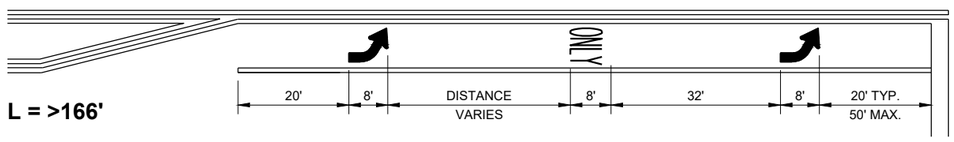
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. 8" WHITE
2. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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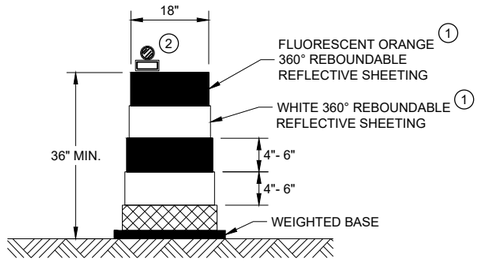
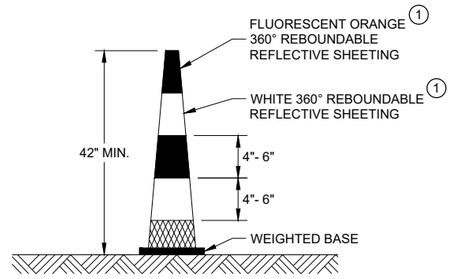
SDD 15C08 - 20c

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.

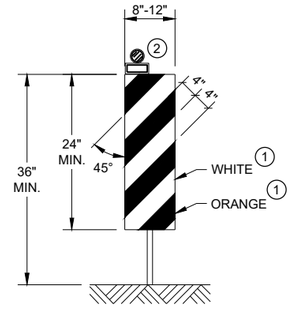


DRUM



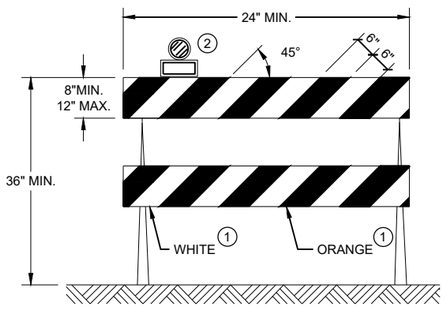
42" CONE

DO NOT USE IN TAPERS
½ SPACING OF DRUMS



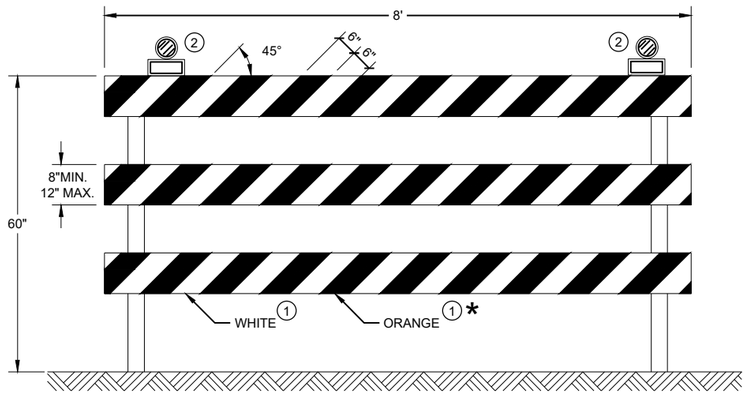
VERTICAL PANEL

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



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
June 2017
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15C11 - 07b

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SDD 15C11 - 07b

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.

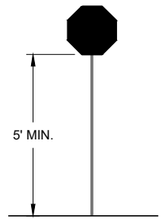
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FOR 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.



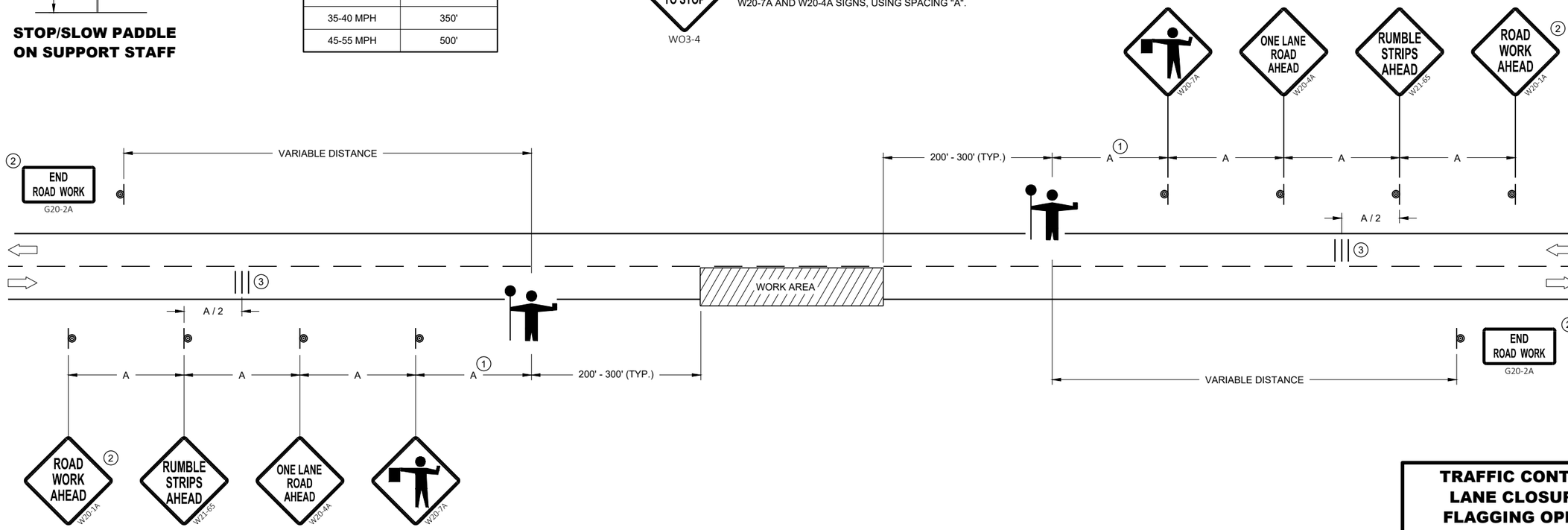
STOP/SLOW PADDLE ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

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

WO3-4

USE OF WO3-4 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

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

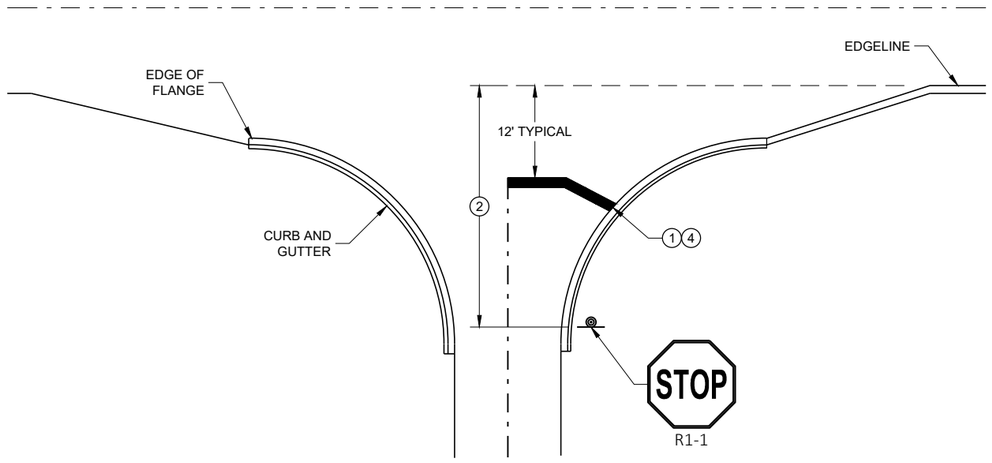
FHWA

6
SDD 15C12 - 07

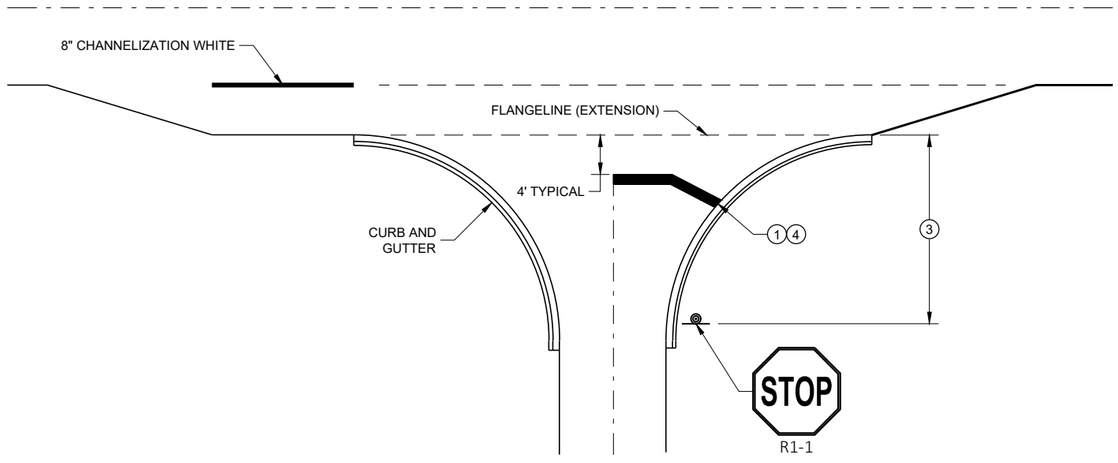
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

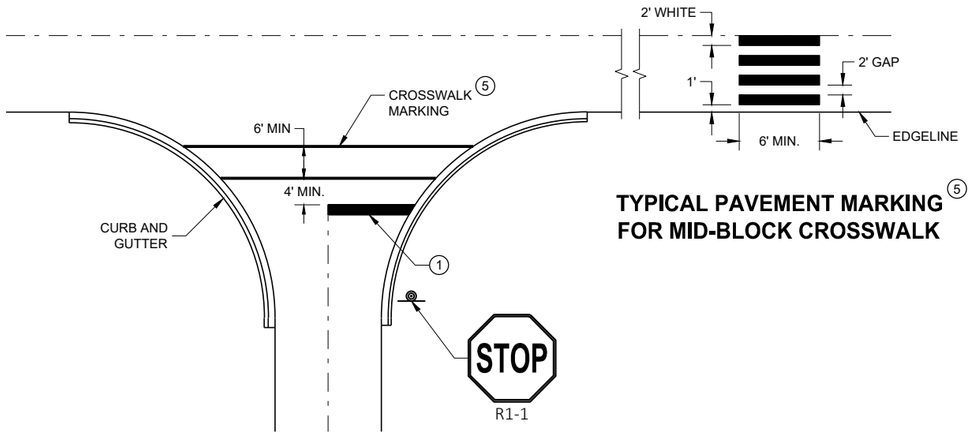
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES INSTEAD.



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

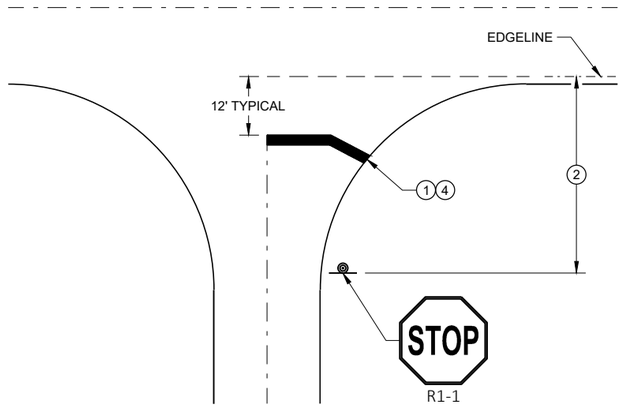


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

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SDD 15C33 - 04

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SDD 15C33 - 04

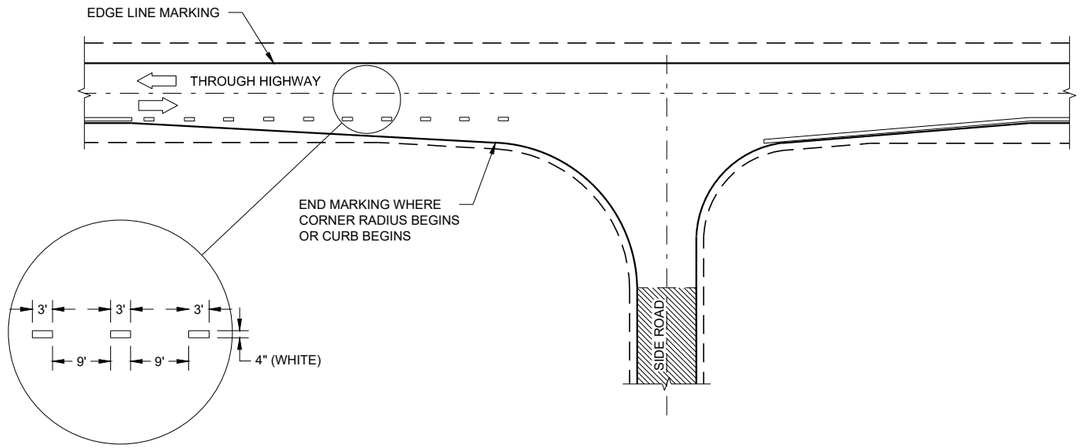
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

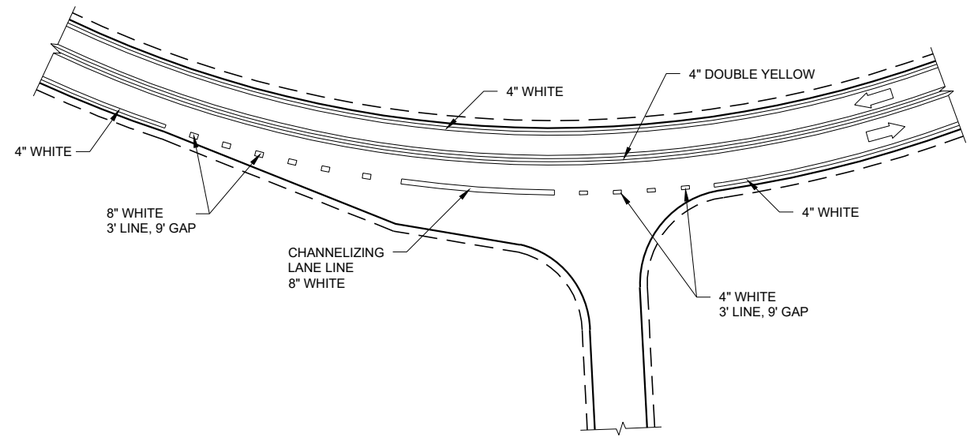
1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

LEGEND

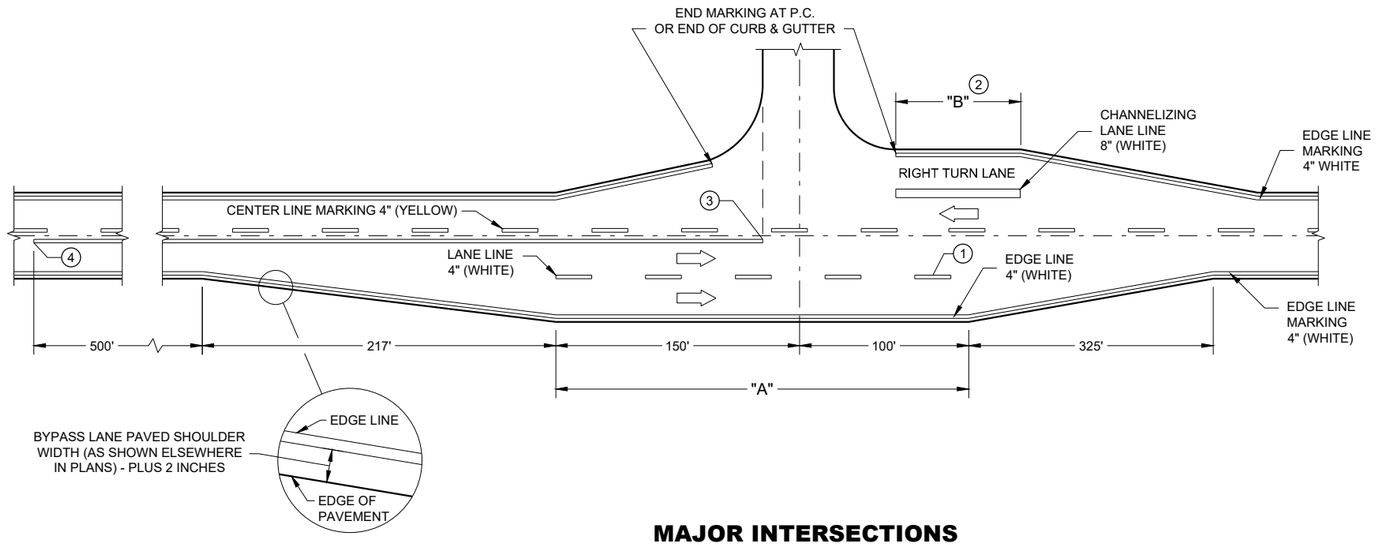
DIRECTION OF TRAVEL



MINOR INTERSECTION



INTERSECTION ON OUTSIDE OF CURVE



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 15C35 - 04a

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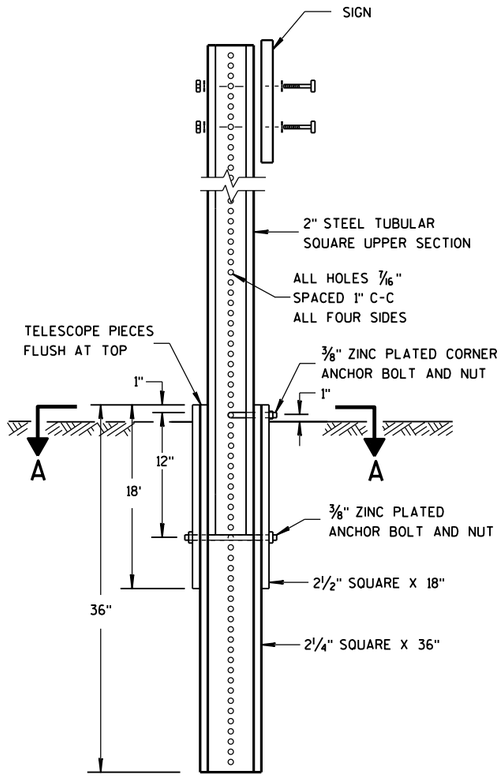
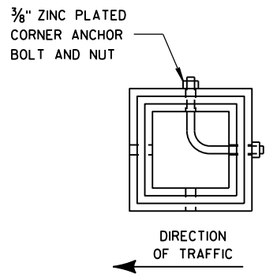
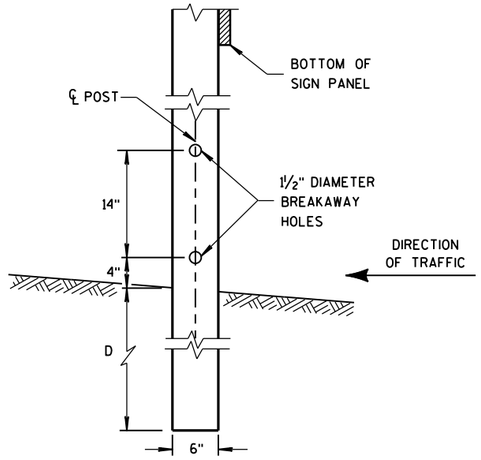
SDD 15C35 - 04a



DETAIL OF TUBULAR STEEL SIGN POST



SECTION A-A



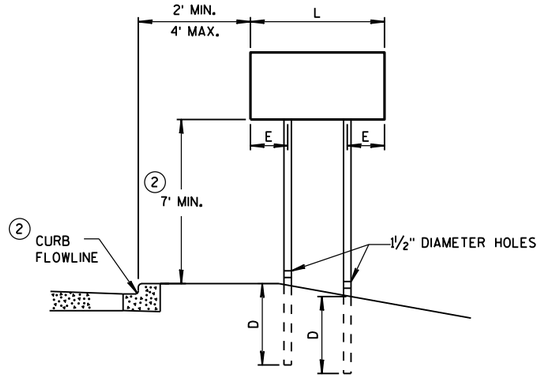
4"x6" WOOD POST MODIFICATION

GENERAL NOTES

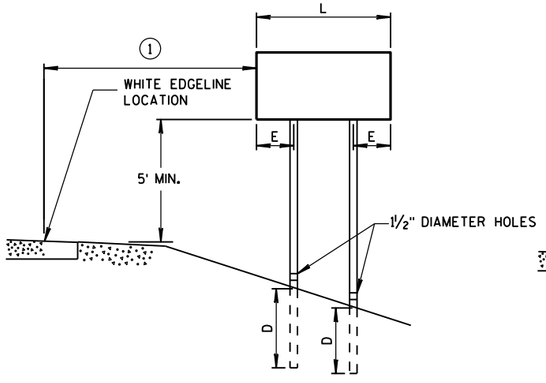
(1) 6 FEET FROM THE EDGE OF PAVEMENT (EDGE LINE LOCATION) UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. LATERAL OFFSET SHOULD BE ADJUSTED TO AVOID THE DITCH FLOWLINE.

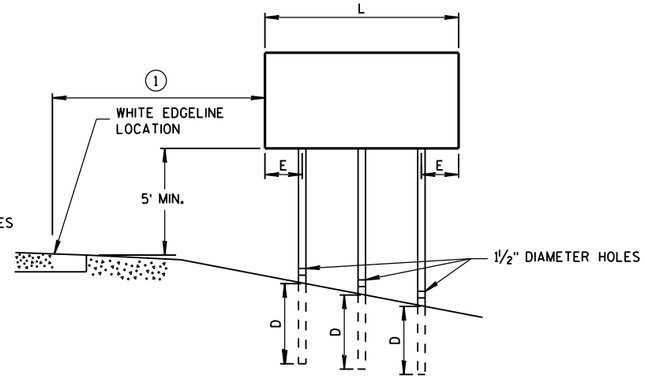
(2) THE EXISTENCE OF CURB AND GUTTER DOES NOT IN ITSELF MANDATE THE VERTICAL CLEARANCE ILLUSTRATED. THAT HEIGHT IS TYPICALLY MEASURED WHERE THERE IS SIDEWALK ADJACENT TO THE ROADWAY OR PARKING IS PERMITTED. IN THE ABSENCE OF SIDEWALK, VERTICAL CLEARANCE IS MEASURED FROM THE TOP OF THE CURB. IF NO SIDEWALK AND NO PARKING, VERTICAL CLEARANCE MAY BE REDUCED TO 5 FOOT MINIMUM. OFFSET OF SIGNS IS MEASURED FROM THE CURB FLOWLINE.

(3) FOR SIGNS REQUIRING 4 POSTS, SPACE INTERMEDIATE POSTS EVENLY.



URBAN AREA





RURAL AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

TUBULAR STEEL POSTS

AREA OF SIGN INSTALLATION (SQ. FT.)	NUMBER OF REQUIRED TUBULAR STEEL POSTS
9 OR LESS	1
GREATER THAN 9 LESS THAN OR EQUAL TO 18	2
GREATER THAN 18 LESS THAN OR EQUAL TO 27	3

SIGNS WIDER THAN 3 FEET OR LARGER THAN 9 SQ. FT. SHALL BE MOUNTED ON MULTIPLE POSTS (SEE ABOVE TABLE).

SIGNS LARGER THAN 27 SQ. FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.

WOOD POST EMBEDMENT DEPTH

AREA OF SIGN INSTALLATION (SQ. FT.)	D (MIN)
20 OR LESS	4'
GREATER THAN 20	5'

4" X 6" WOOD POST

POST SPACING REQUIREMENTS		NUMBER OF WOOD POSTS REQUIRED
L	E	
48" OR LESS AND LESS THAN 20 SQ. FT.	-	1
LESS THAN 60"	12"	2
60" TO 120"	L/5	2
GREATER THAN 120" LESS THAN 168"	12"	3
168" AND GREATER	12"	4

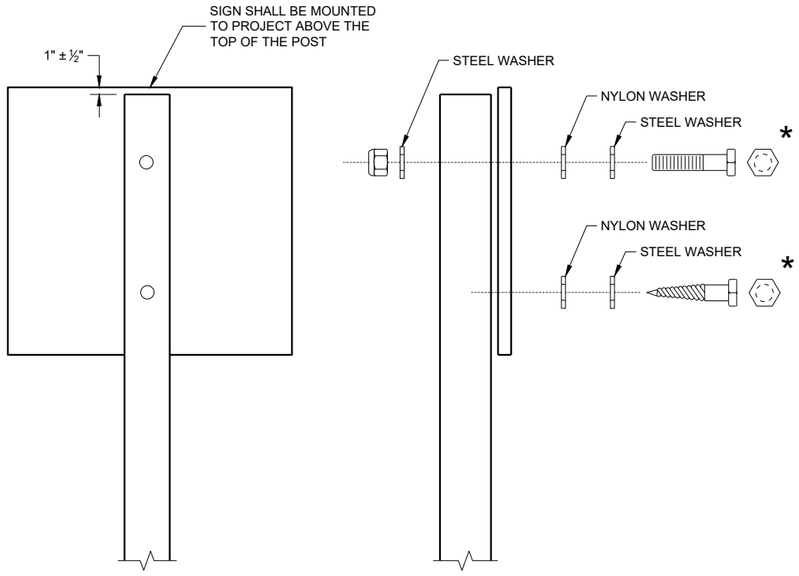
SEE NOTE (3)

TEMPORARY TRAFFIC CONTROL SIGN MOUNTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 15 D 38-2a



NUTS, BOLTS AND LAGS USED FOR MOUNTING SIGNS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3
B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC 3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

WOOD POST (4" x 6")
LAG SCREWS - ⅜" x 3"
MACHINE BOLTS - 5/16" x 6 ½" OR 7" LENGTH W/NUTS

SQUARE STEEL POST (2" x 2")
MACHINE BOLTS - ⅜" x 3 ¼" LENGTH W/NUTS
RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE 0.720 - 0.765 INCH, GRIP RANGE 0.042 - 0.375 INCH

WASHERS (ALL POSTS) -
1 ¼" O.D. x ⅜" I.D. x 1/16" STEEL
1 ¼" O.D. x ⅜" I.D. x 0.080 NYLON

* TWO DIFFERENT FASTENING SYSTEMS ARE SHOWN FOR ILLUSTRATION PURPOSES. ON ANY INDIVIDUAL SIGN, EITHER ONE OR THE OTHER SYSTEM SHALL BE USED. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER THAN 9 SQ. FT. REQUIRE THE USE OF 3 FASTENERS.

6

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SDD 15D38 - 02b

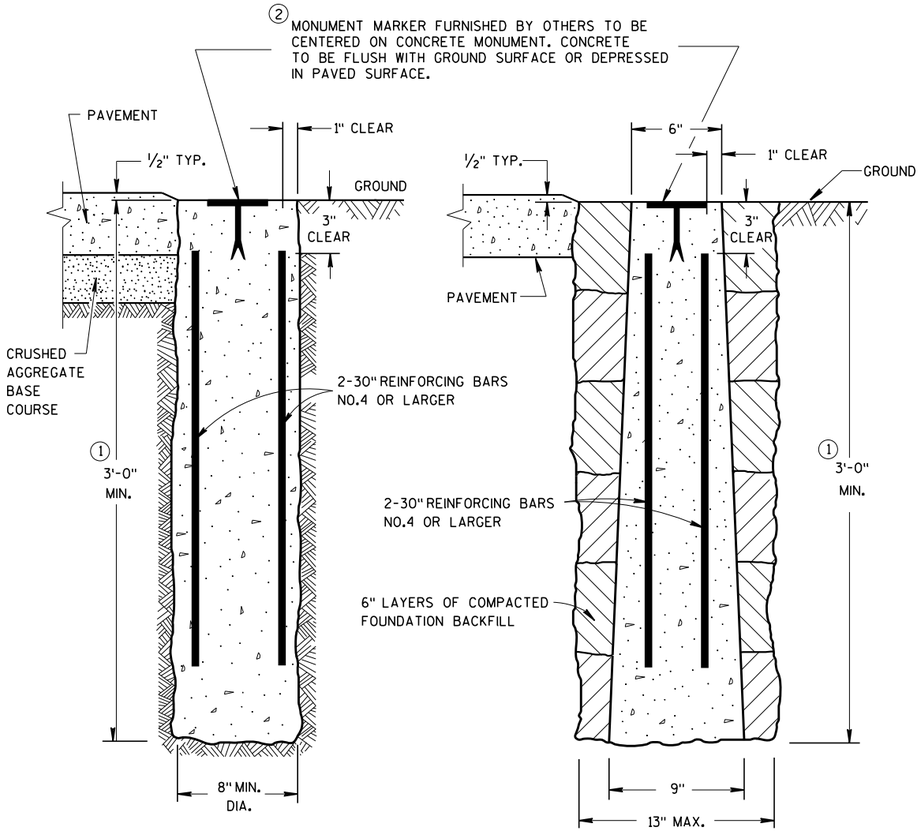
SDD15D38 - 02b

ATTACHMENT OF SIGNS TO POSTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

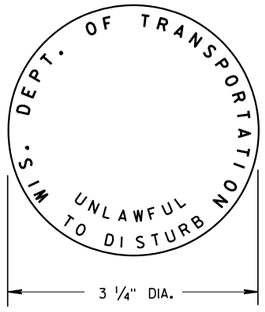


CAST-IN-PLACE

PRECAST

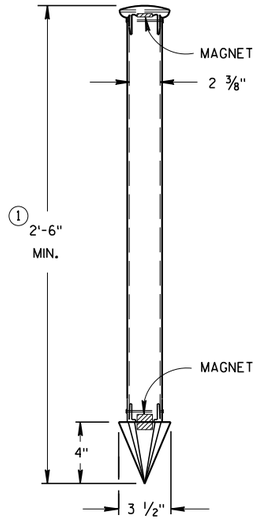
CONCRETE MONUMENTS

TYPE A



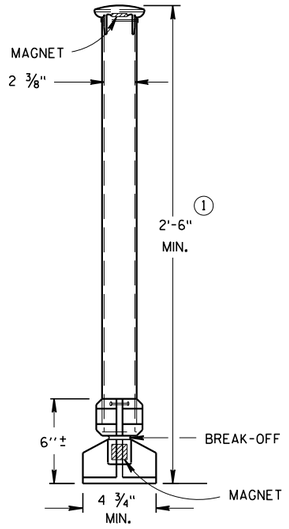
② **WIS DOT MONUMENT MARKER LOGO**

FOR TYPES "A", "C", & "D"



TYPE C

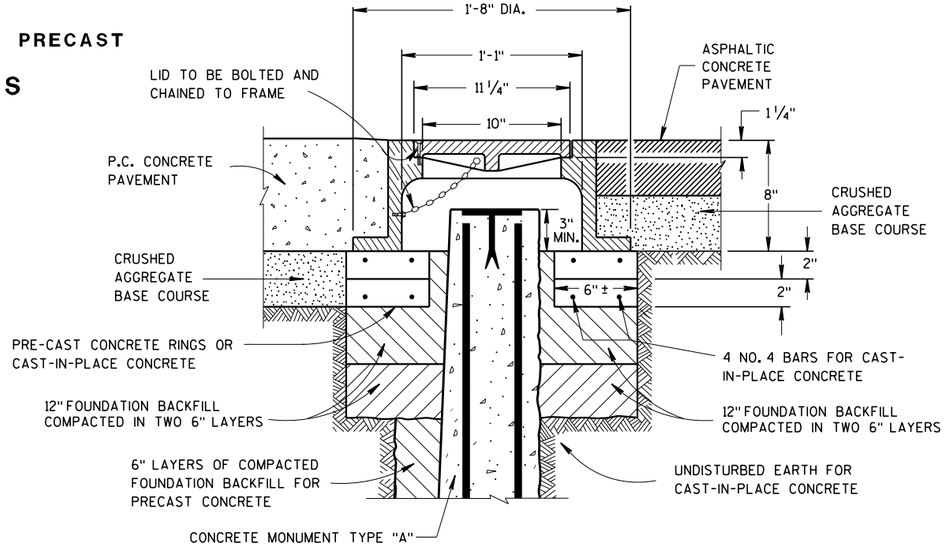
DRIVE-IN MONUMENT



TYPE D
NON-DRIVEN
BREAK-OFF MONUMENT

ALUMINUM MONUMENTS

(INCLUDES MARKER)



CAST IRON MONUMENT COVER

(APPROXIMATE WEIGHT 95 LBS)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

PERMANENT MAGNETS SHALL BE INSERTED NEAR THE TOP AND BOTTOM OF ALL ALUMINUM MONUMENTS SO THE MONUMENT CAN EASILY BE DETECTED BY A METAL DETECTOR.

THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.

MONUMENTS SHALL BE LOCATED AND PLACED AT THE DIRECTION OF THE ENGINEER.

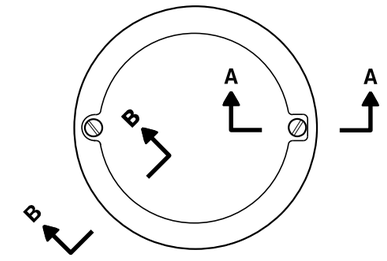
ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.

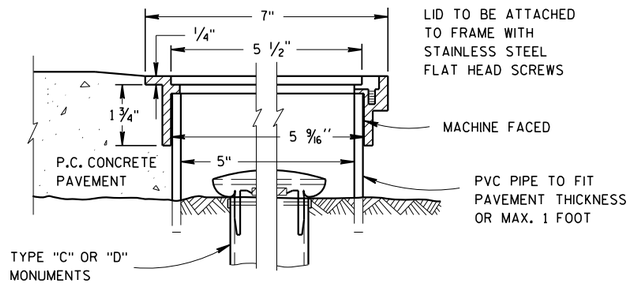
MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER

① MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.

② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WIS DOT MARKER.



TOP VIEW



SECTION B-B SECTION A-A

ALUMINUM MONUMENT COVER

(APPROXIMATE WEIGHT 2 LBS)
(FOR CONCRETE PAVEMENT ONLY)

LANDMARK REFERENCE MONUMENTS AND COVERS

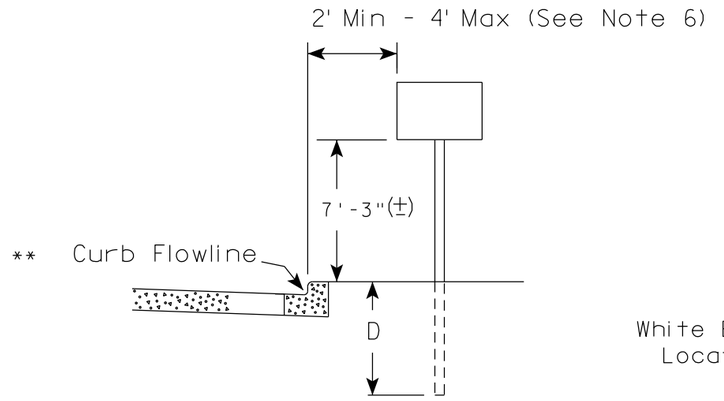
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Raymond A. Kumagai — CHIEF SURVEYING AND MAPPING ENGINEER
FHWA

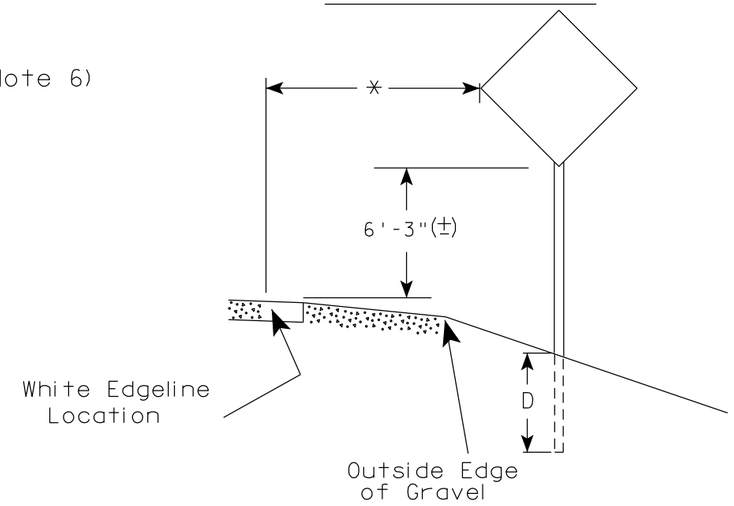
6

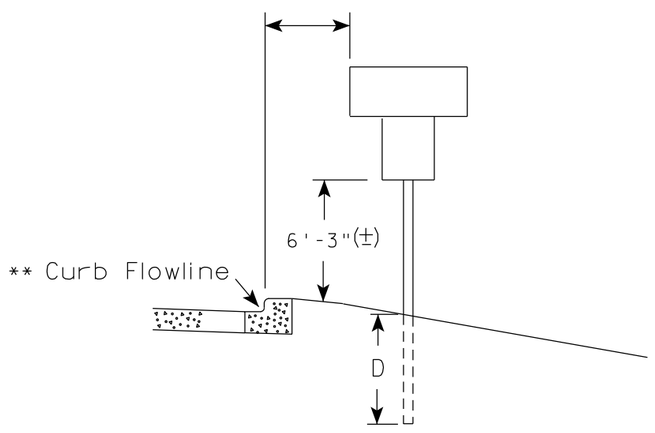
S.D.D. 16 A 1-7

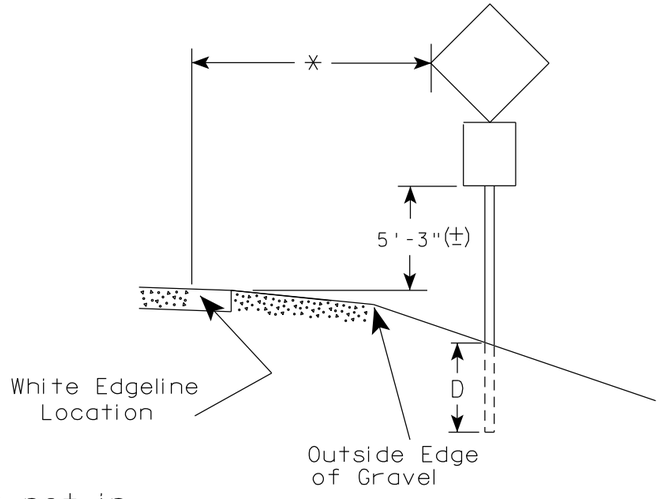
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq.Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. The (±) tolerance for mounting height is 3 inches.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.

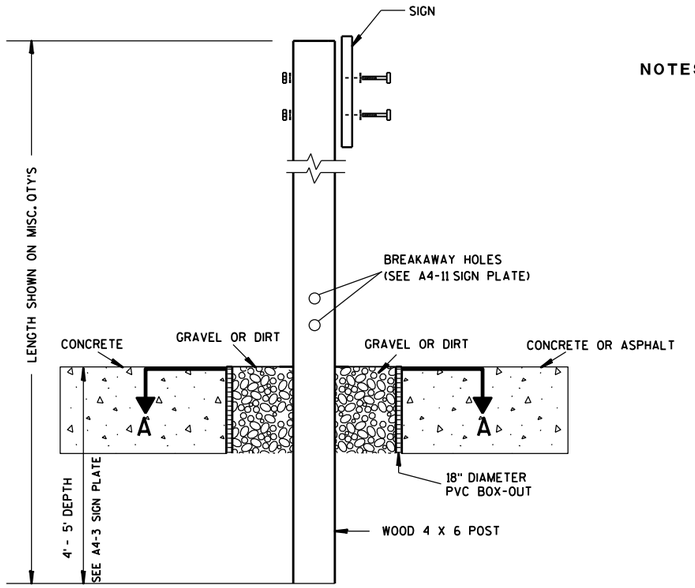
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/13/2020 PLATE NO. A4-3.22

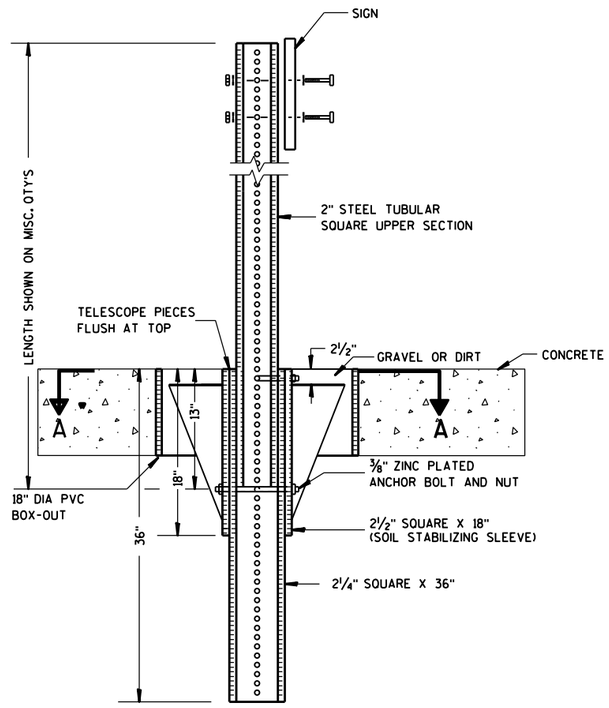
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 102	E



ELEVATION VIEW

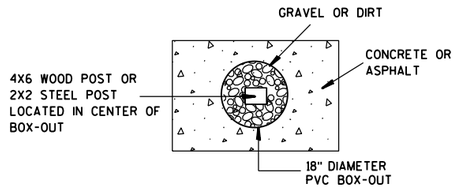
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

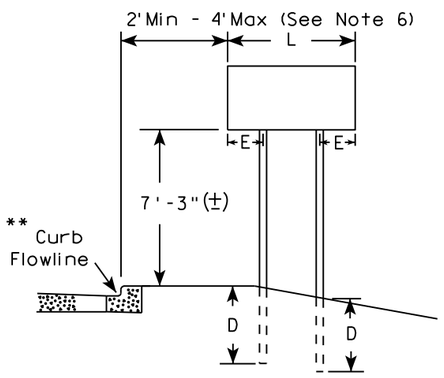
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

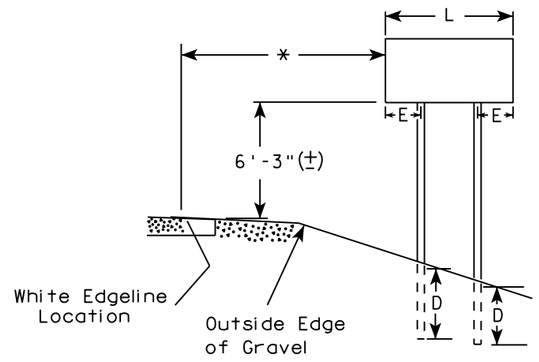
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

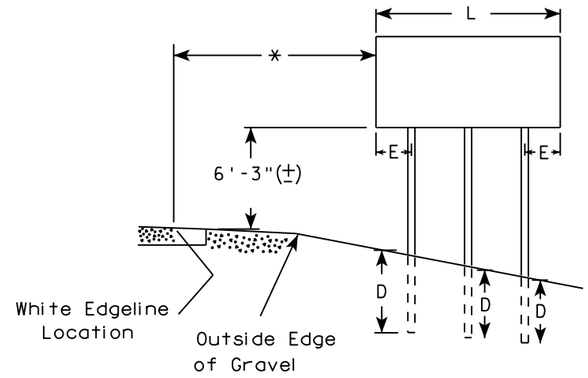
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

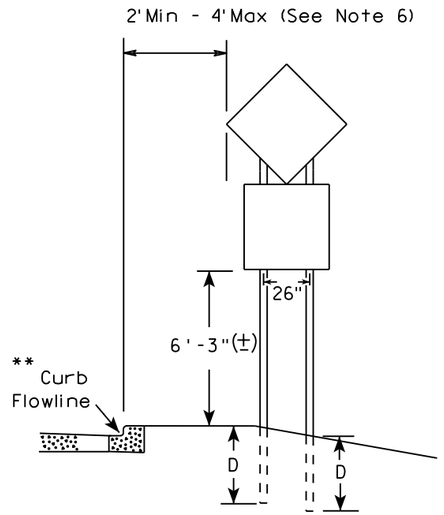
URBAN AREA



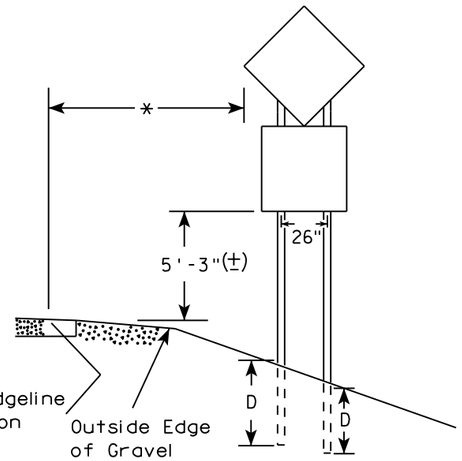
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

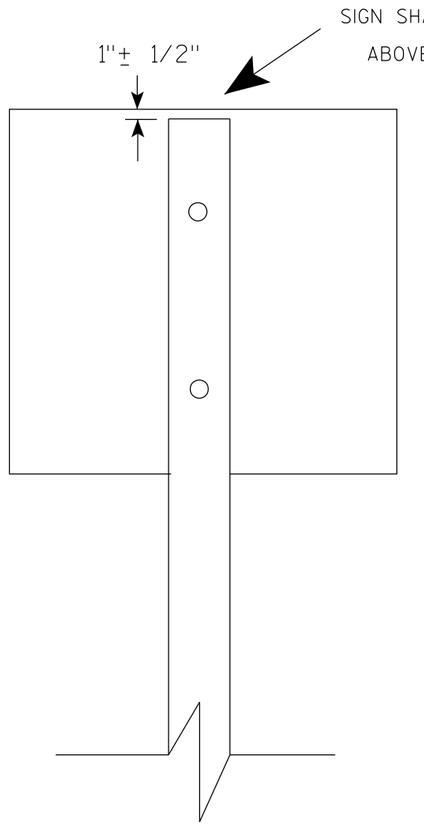
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

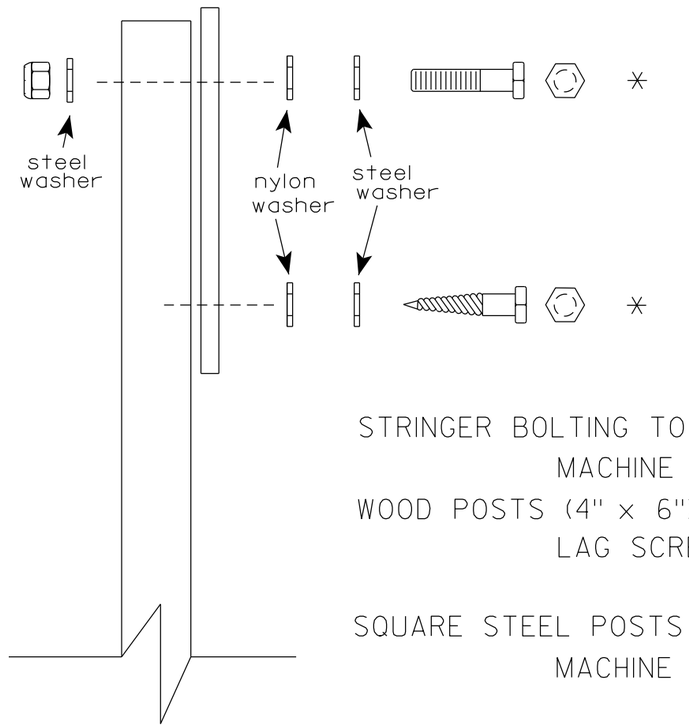
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 104	E





Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

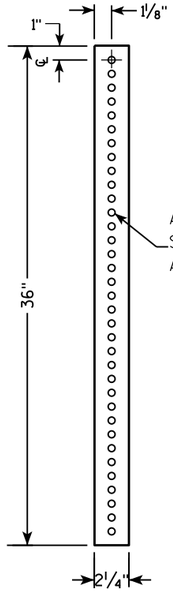
DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

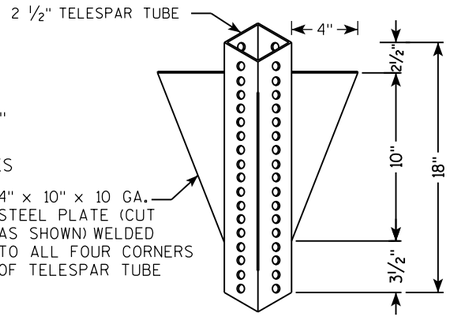
SHEET NO: 105 E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

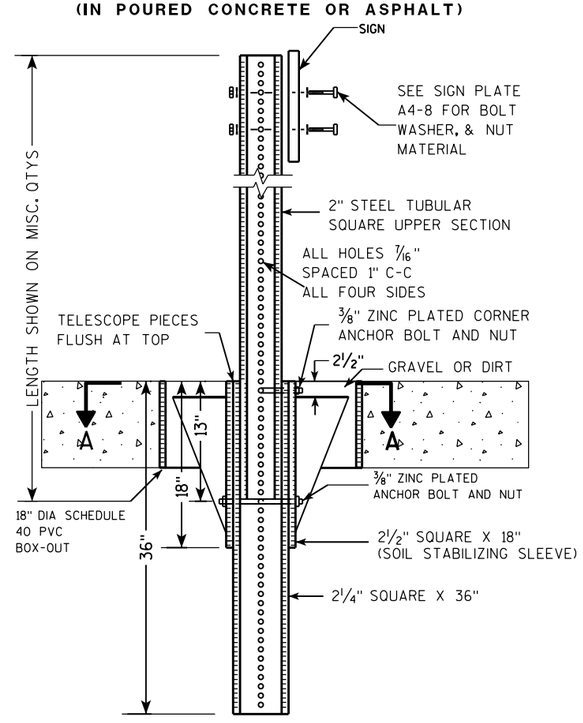
2 ¼ " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



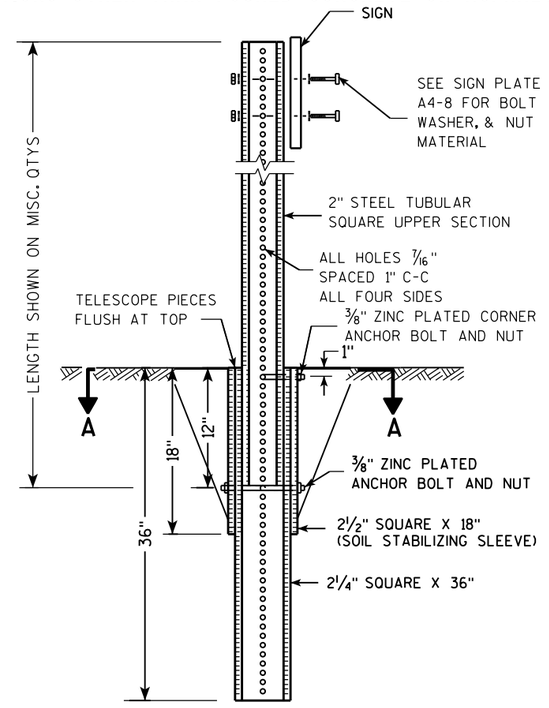
2 ½ " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

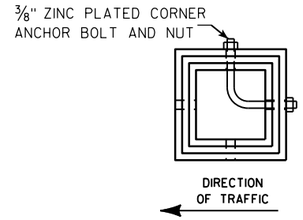


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

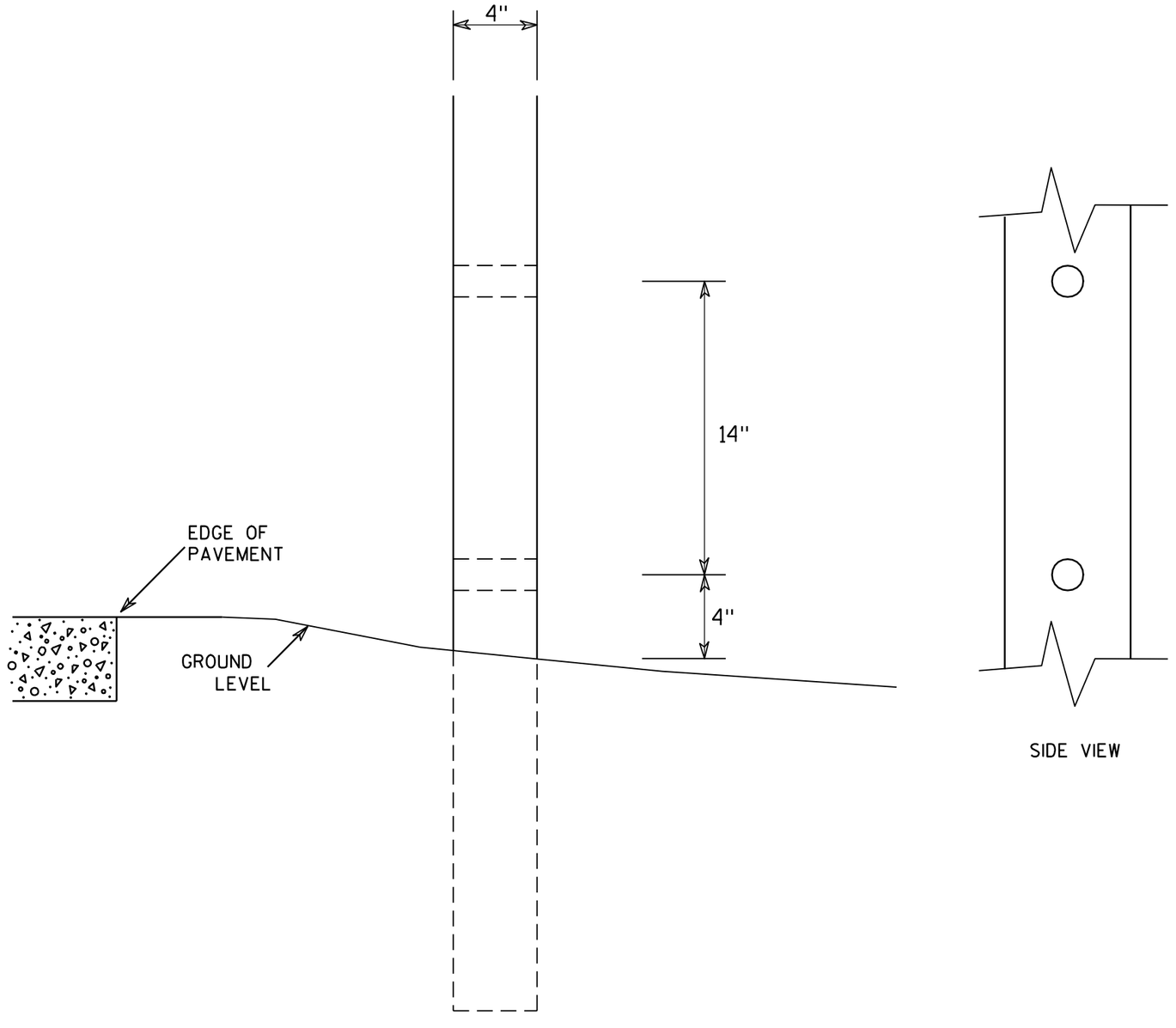
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

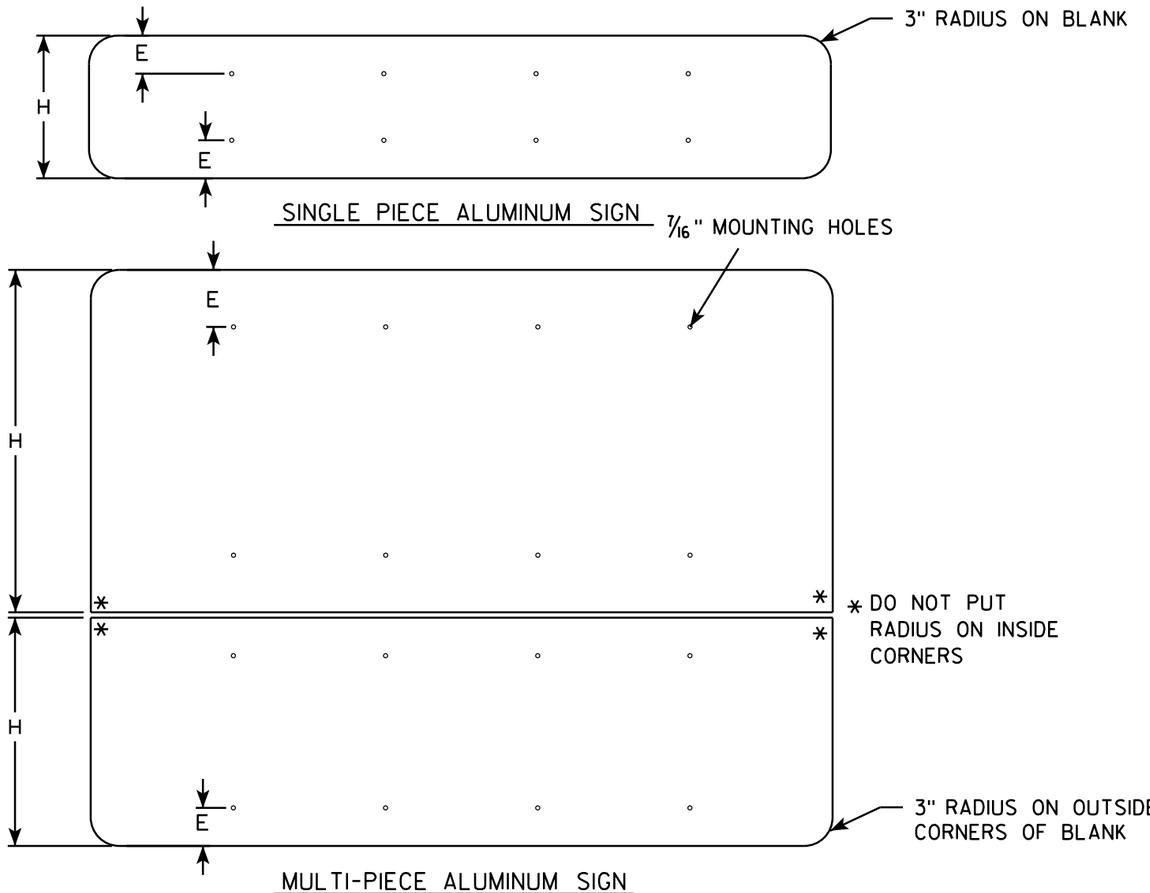
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

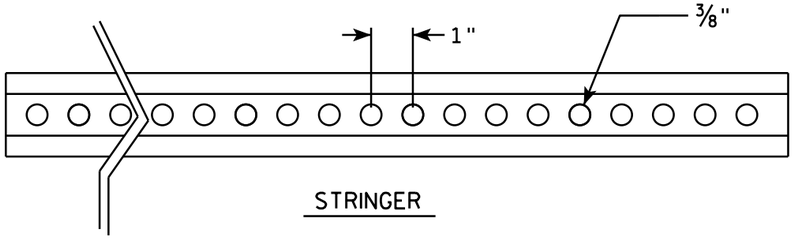
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 107	E



GENERAL NOTES

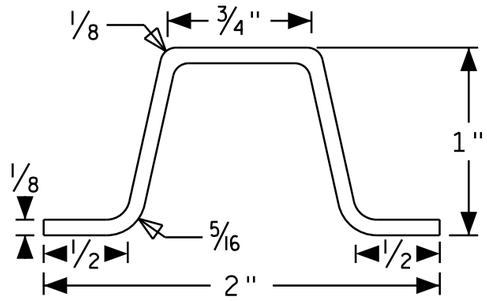
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE 7/16" DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES
78"	72"	2	16"	15" 31" 47" 63"
84"	72"	2	17"	16½" 33½" 50½" 67½"
90"	72"	2	18"	18" 36" 54" 72"
96"	90"	2	19"	19½" 38½" 57½" 76½"
102"	90"	2	20"	21" 41" 61" 81"
108"	90"	2	21"	22½" 43½" 64½" 85½"
114"	108"	3	15"	12" 27" 42" 57" 72" 87" 102"
120"	108"	3	16"	12" 28" 44" 60" 76" 92" 108"
126"	108"	3	17"	12" 29" 46" 63" 80" 97" 114"
132"	126"	3	18"	12" 30" 48" 66" 84" 102" 120"
138"	126"	3	19"	12" 31" 50" 69" 88" 107" 126"
144"	126"	3	20"	12" 32" 52" 72" 92" 112" 132"

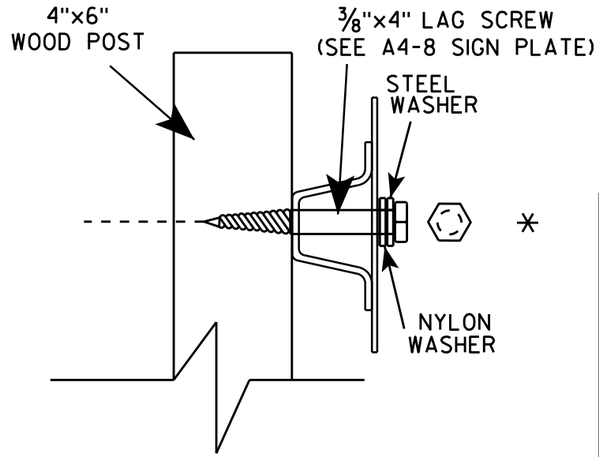


STRINGER

CROSS SECTION VIEW OF CHANNEL



POST MOUNTING



SIGN STRINGER MOUNTING REQUIREMENTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

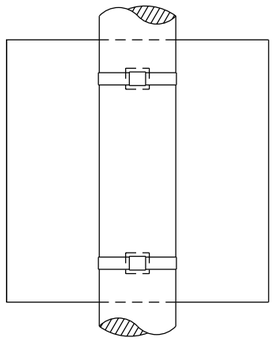
DATE 4/26/16 PLATE NO A4-18.1

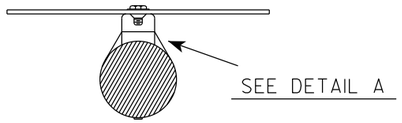
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

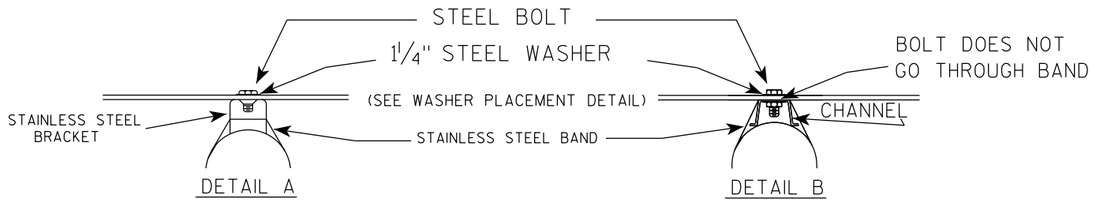
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A418.dgn PLOT DATE : 27-APR-2016 13:56 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 41.805205:1.000000 WISDOT/CADDS SHEET 42

BANDING

SINGLE SIGN



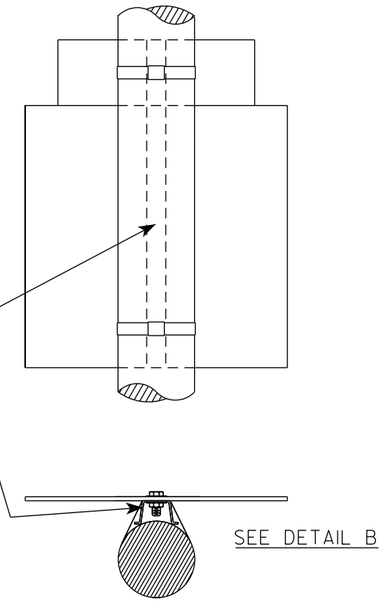




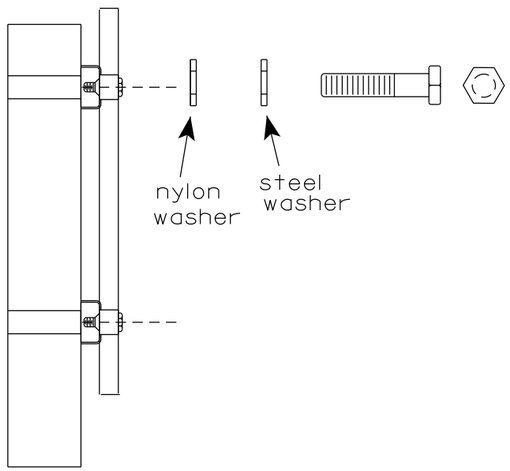
GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X ⅜" I.D. X 1/16" STEEL
1-1/4" O.D. X ⅜" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

STANDARD SIGN
SIGN BANDING DETAILS

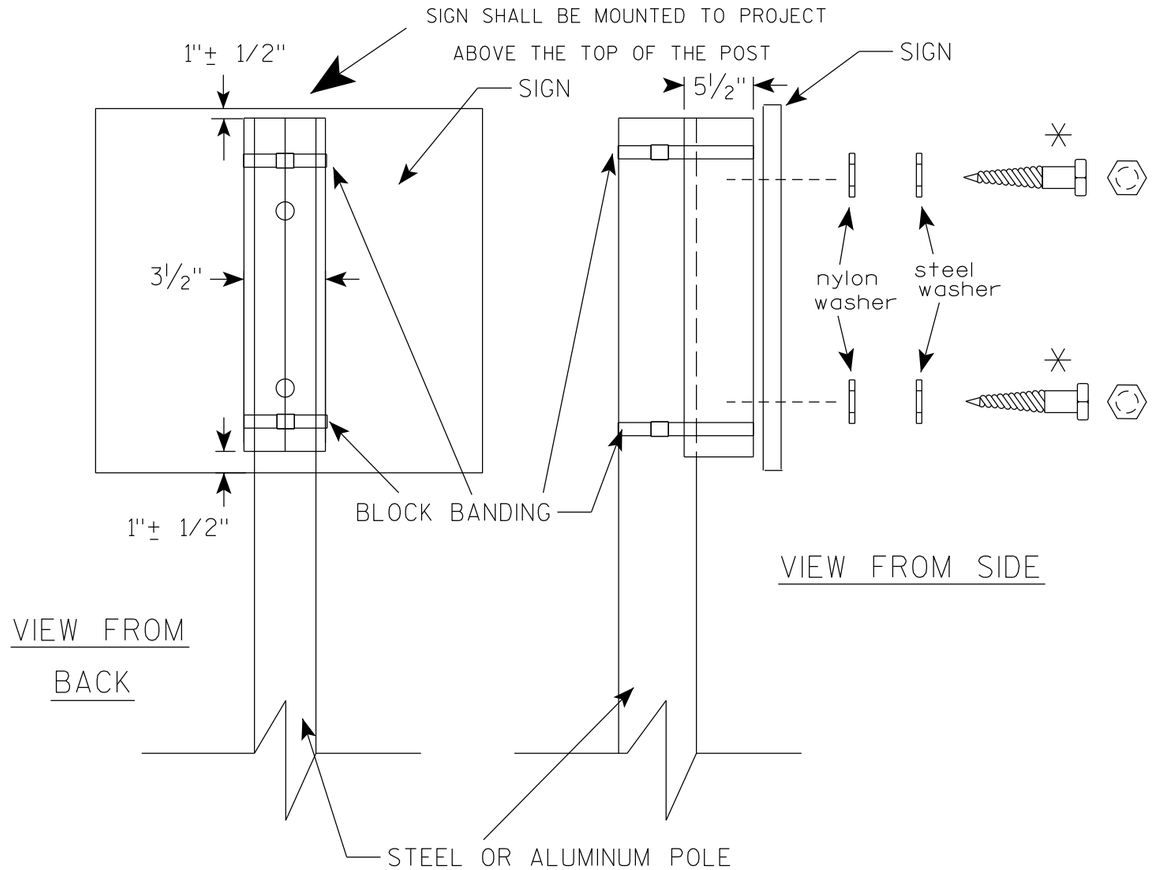
WISCONSIN DEPT OF TRANSPORTATION

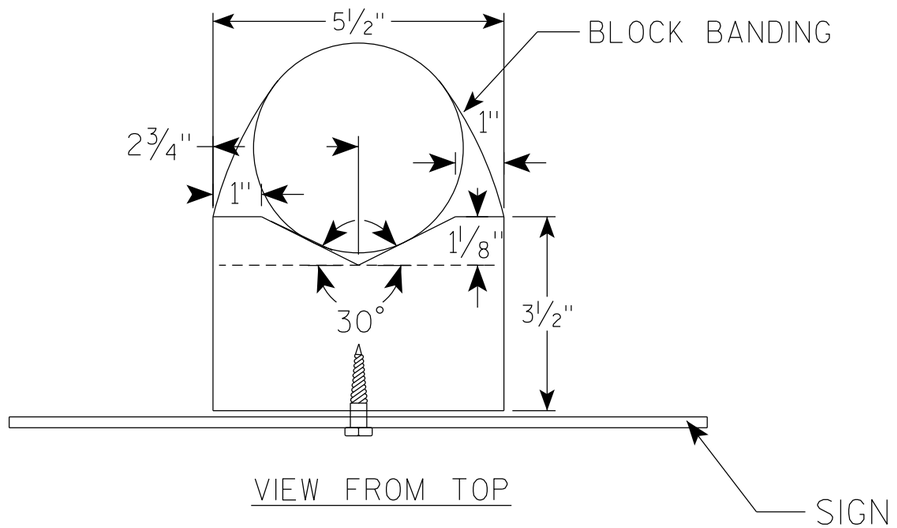
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/10/19 PLATE NO. A5-9.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 109	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

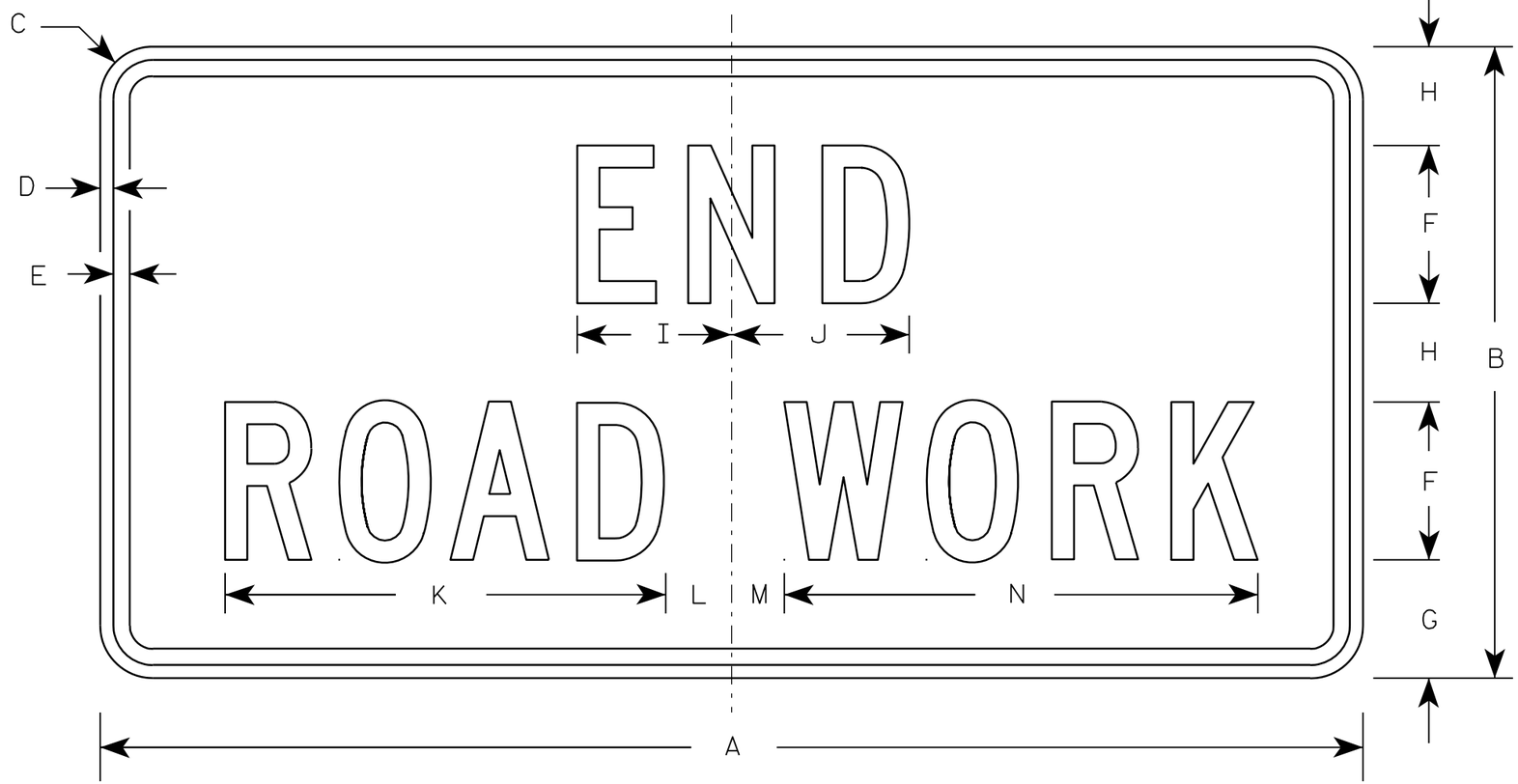
BLOCK BANDING DETAIL (V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 6/10/19 PLATE NO. A5-10.2

PROJECT NO:				SHEET NO: 110	E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Metric equivalent for this sign is:

SIZE	
1	900 mm X 450 mm
2	1200 mm X 600 mm
3	1200 mm X 600 mm
4	1200 mm X 600 mm
5	1200 mm X 600 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1	36	18	1 1/8	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5	0.41
2	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72

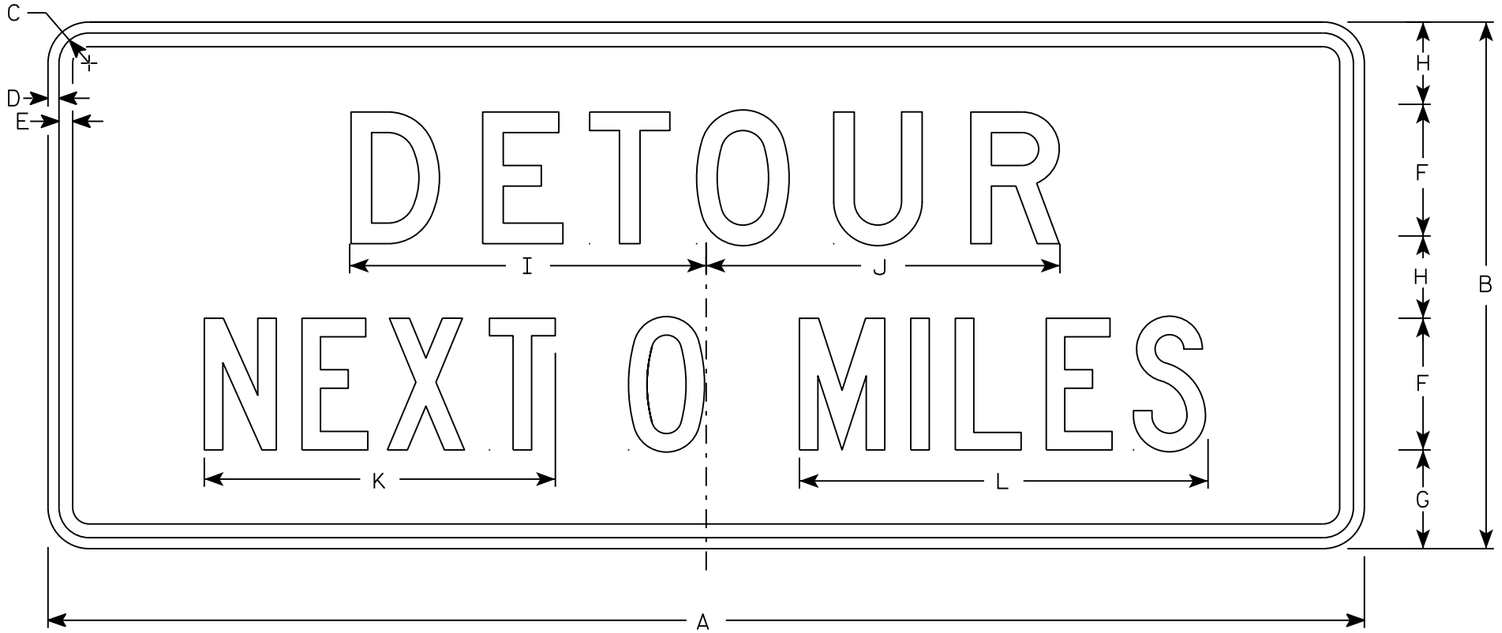
STANDARD SIGN
G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/30/09 PLATE NO. G20-2A.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 111	E



G20-51

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - Line 1 is D and Line 2 is C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10
3																											
4	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10
5																											

STANDARD SIGN
G20-51

WISCONSIN DEPT OF TRANSPORTATION

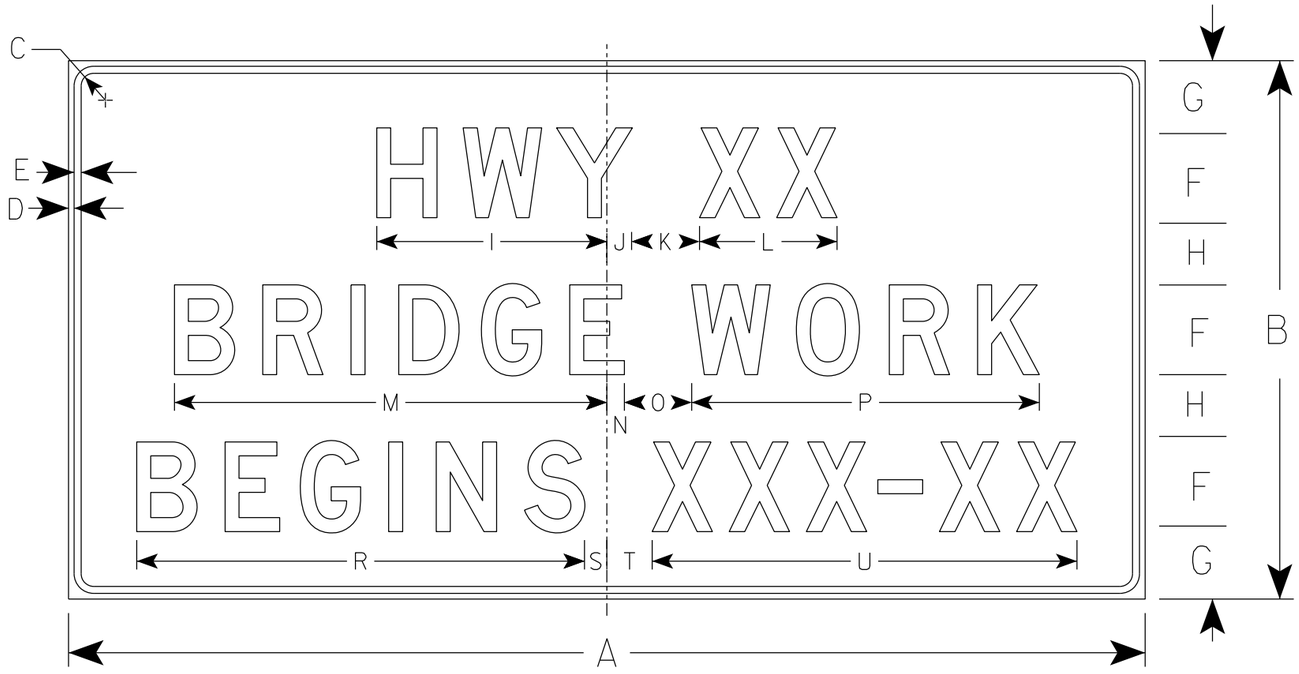
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/14/17 PLATE NO. G20-51.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 112	E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Substitute appropriate numeral and adjust spacing to achieve proper balance.



G20-57B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3	72	36	1 1/8	1/2	5/8	6	5	4	15 5/8	1 5/8	5	9 1/4	29 1/8	7/8	5	23 1/4		29 7/8	1 3/4	3 1/4	28 1/2						18.0
4	96	48	2 1/4	3/4	1	8	6 1/2	5 1/2	20 5/8	2 1/4	6	12 1/4	38 1/2	1 1/2	6	31		39 1/4	2	4	37 7/8						32.0
5																											

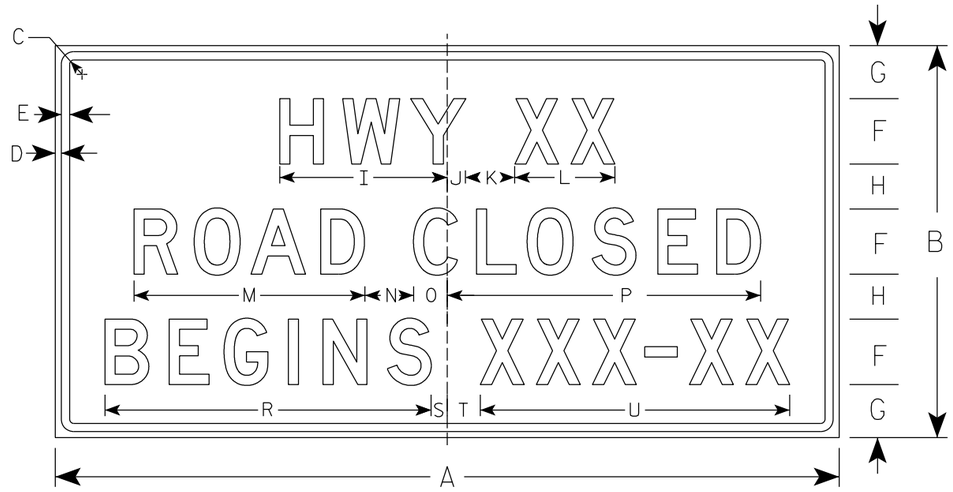
STANDARD SIGN
G20-57B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

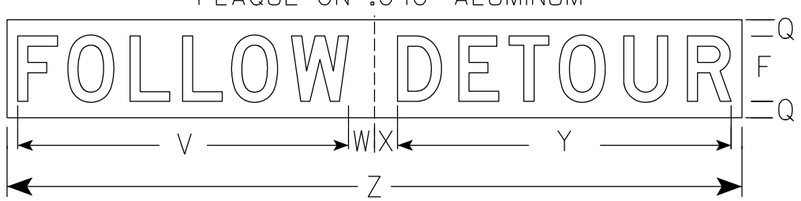
DATE 1/22/19 PLATE NO. G20-57B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 113	E



G20-57C

PLAQUE ON .040" ALUMINUM



USE ONLY ONCE WHEN ROAD IS CLOSED

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Substitute appropriate numeral and adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2																											
3	72	36	1 1/8	1/2	5/8	6	5	4	15 5/8	1 5/8	5	9 1/4	21 1/8	5	2 7/8	29	2	30	1 3/4	3 1/4	28 3/8	40 1/2	2	2	29 3/4	66	18.0
4	96	48	2 1/4	3/4	1	8	6 1/2	5 1/2	20 5/8	2 1/4	6	12 1/4	28 1/4	6	4 1/8	38 3/8	2	39 7/8	2	4	37 7/8	29 3/4	3 1/8	2 7/8	40 7/8	90	32.0
5																											

STANDARD SIGN

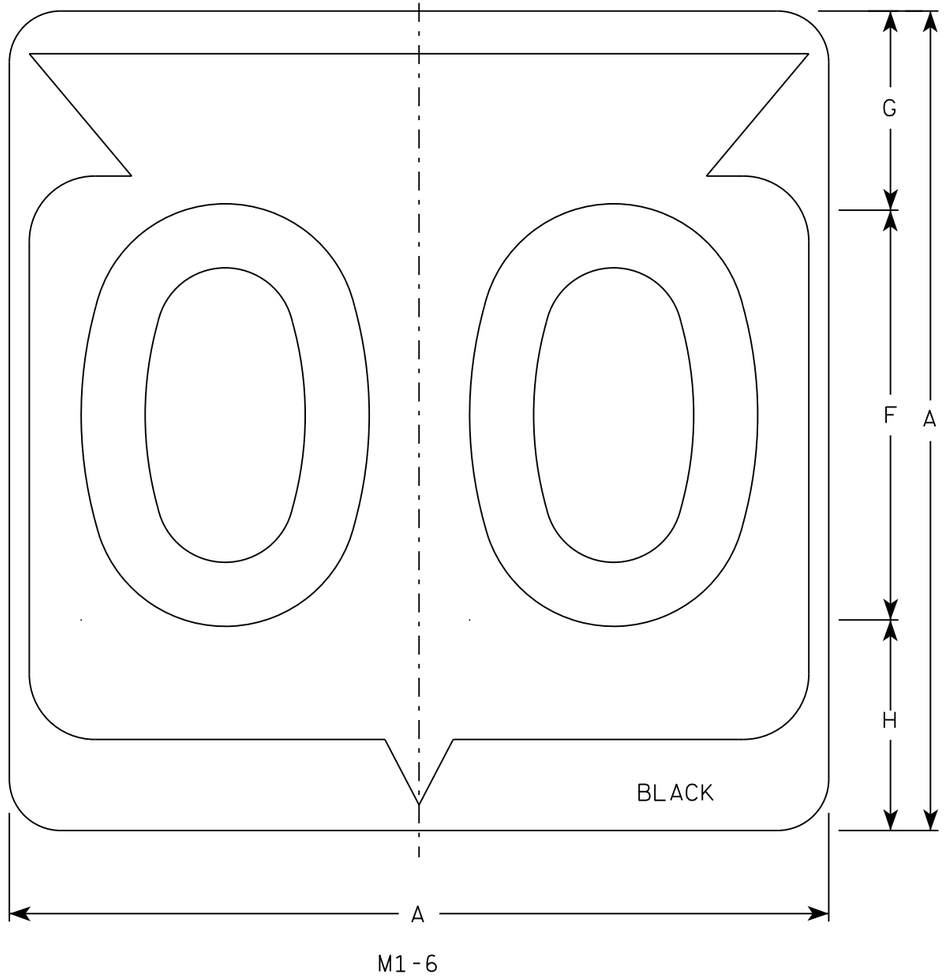
G20-57C

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/25/19 PLATE NO. G20-57C.1

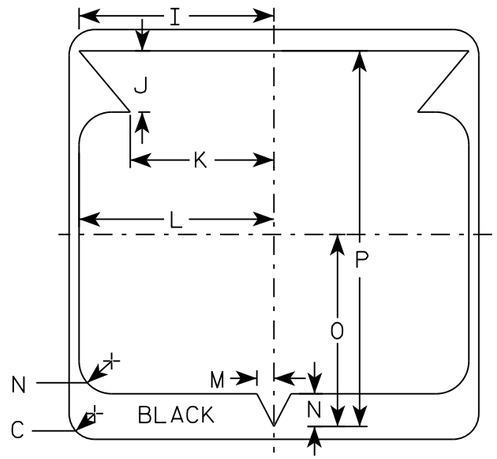
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 114 | E



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

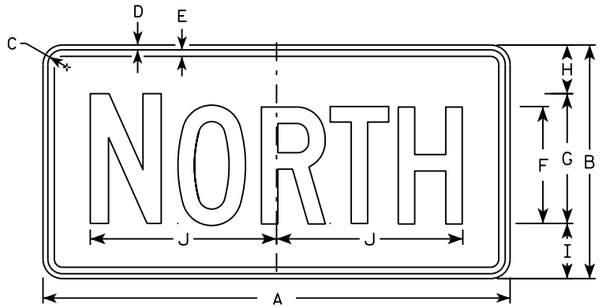
STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

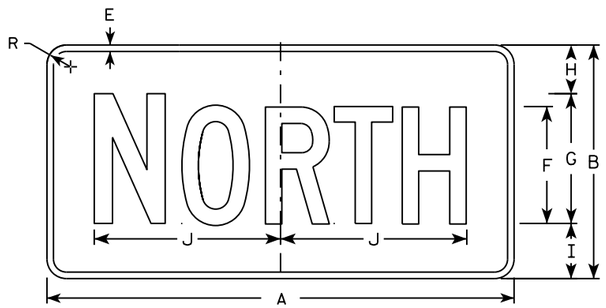
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/16/18 PLATE NO. M1-6.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 115 | E



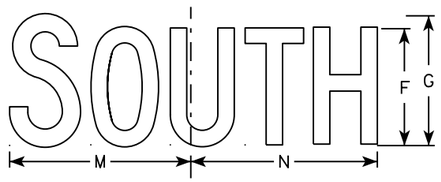
M3-1
MM3-1
MP3-1



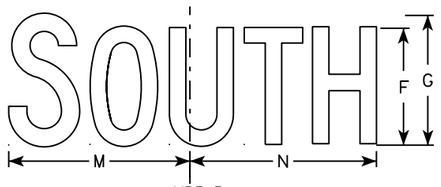
MB3-1
MK3-1
MN3-1

M3-2
MM3-2
MP3-2

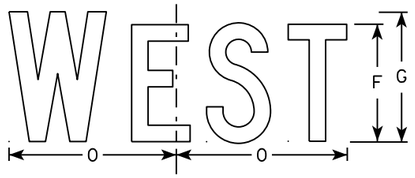
MB3-2
MK3-2
MN3-2



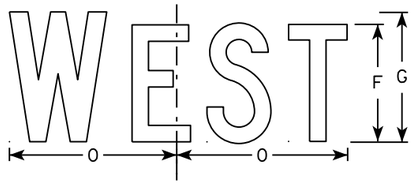
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

STANDARD SIGNS
M3-1 thur M3-4
SERIES

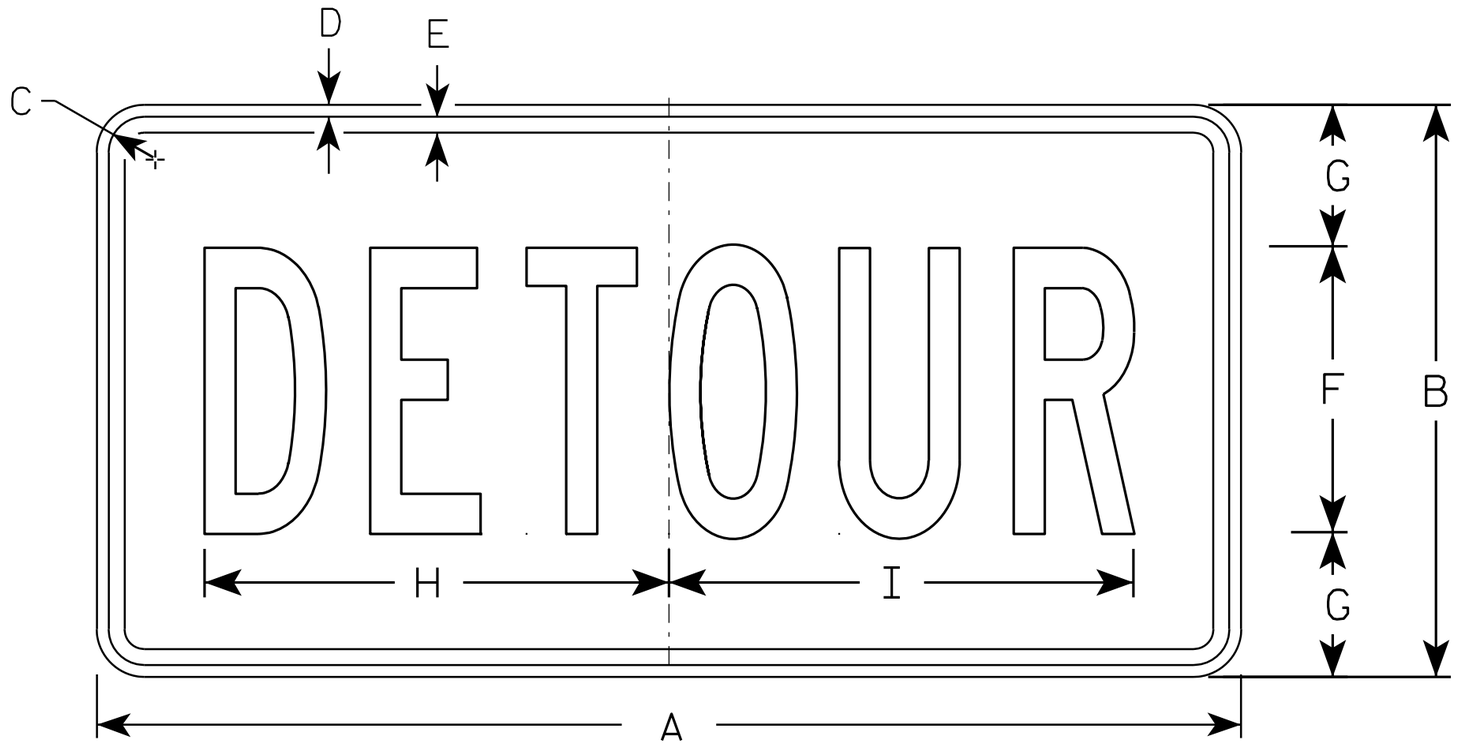
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew P Rauch for State Traffic Engineer

DATE 10/15/15 PLATE NO M3-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M31.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



M4-8

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/8	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4																											
5																											

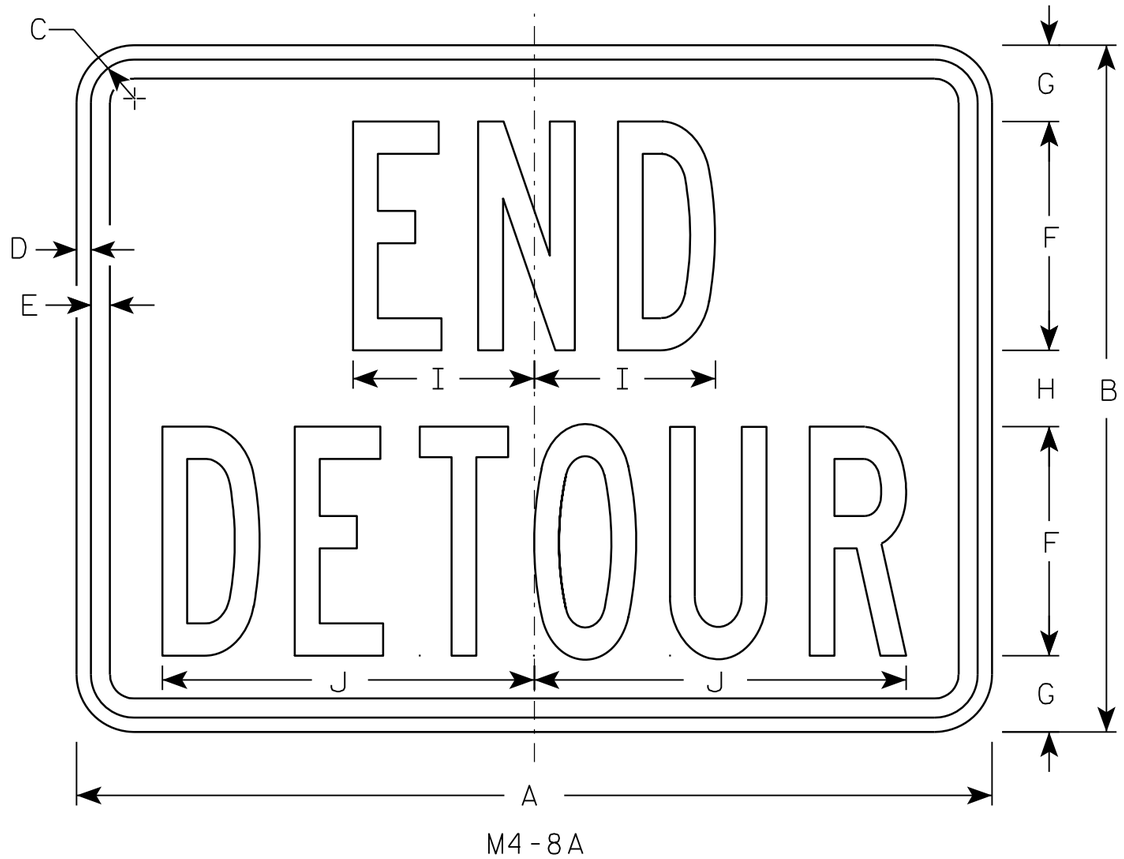
STANDARD SIGN
M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/10/10 PLATE NO. M4-8.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 117	E



M4-8A

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	18	1 1/8	3/8	1/2	6	2	2	4 3/4	9 3/4																	3.0
3	30	24	1 1/8	3/8	1/2	8	2 1/2	3	6 3/4	13																	5.0
4																											
5																											

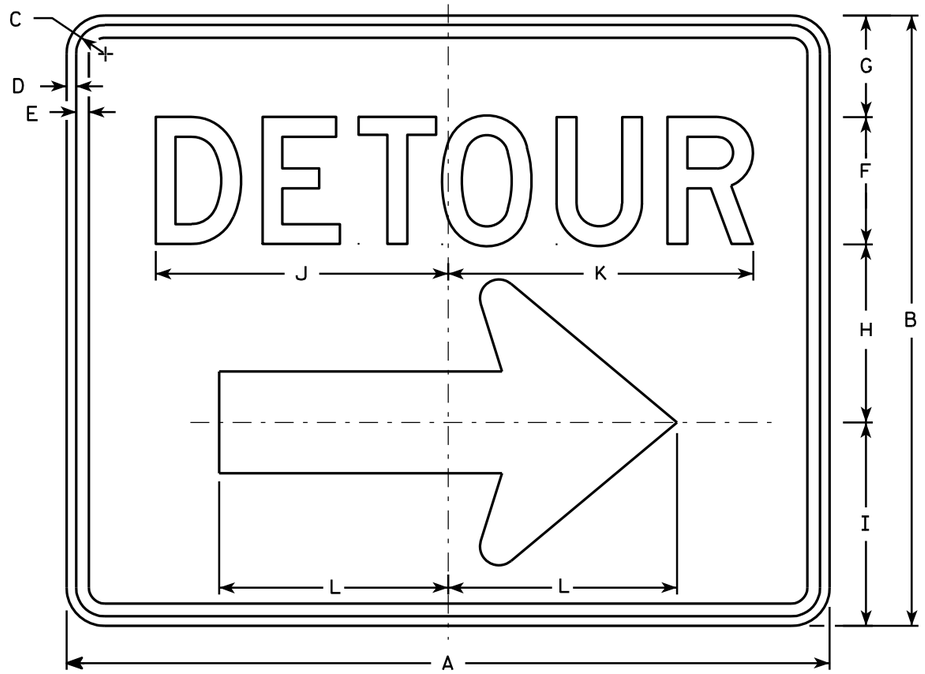
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/9/11 PLATE NO. M4-8A.2

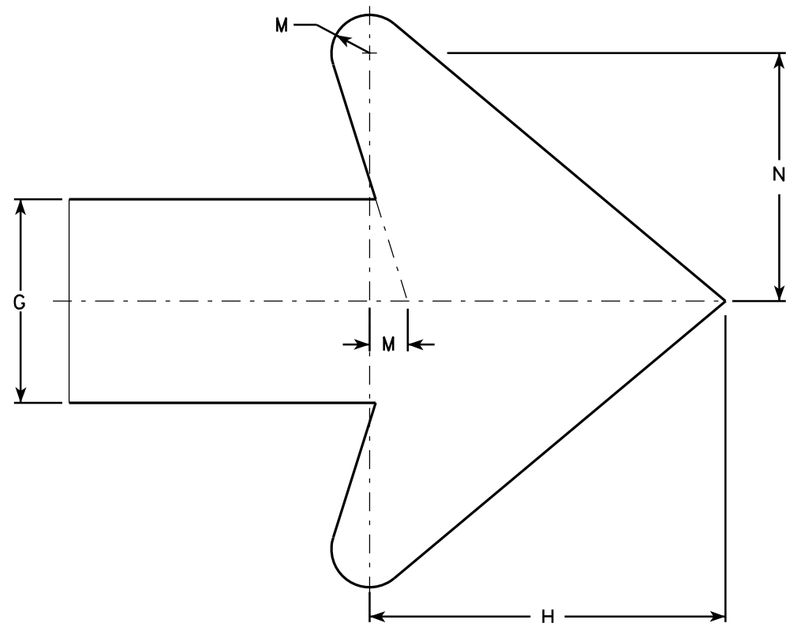
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 118	E



M4-9R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-9L is the same as M4-9R except the arrow is reversed.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	24	1 1/8	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
3	30	24	1 1/8	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
4	48	36	1 3/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0
5	48	36	1 3/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0

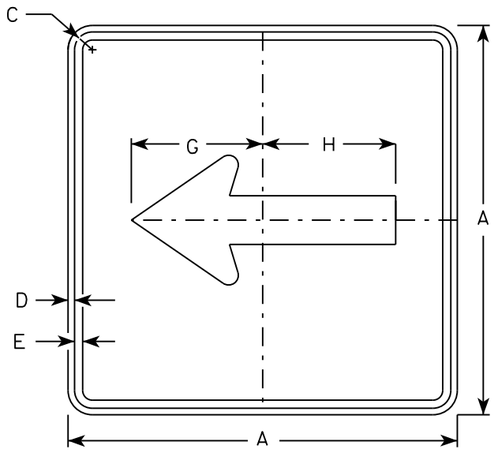
STANDARD SIGN
M4-9 R & L

WISCONSIN DEPT OF TRANSPORTATION

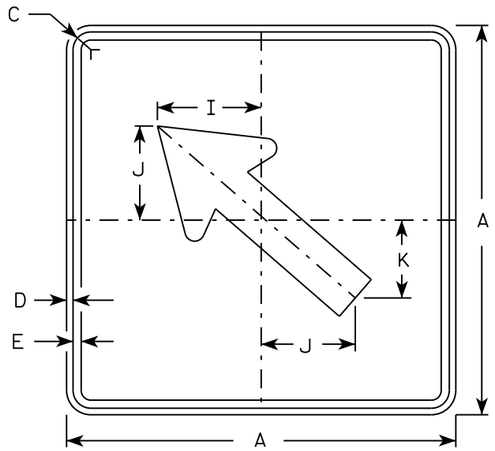
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/9/11 PLATE NO. M4-9R.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 119 | E



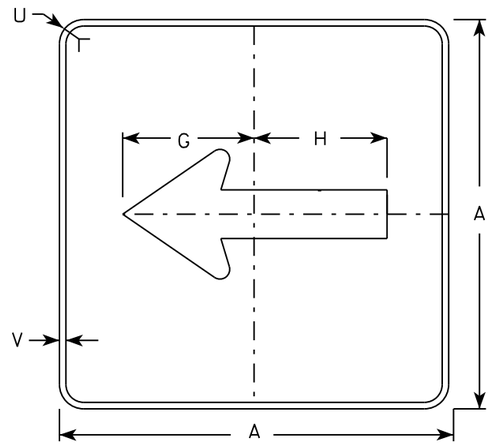
M6-1
MM6-1
MO6-1
MP6-1



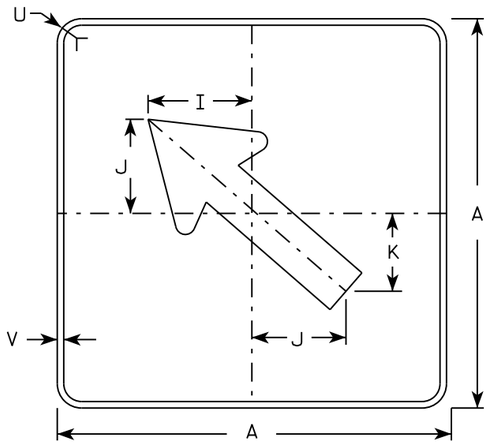
M6-2
MM6-2
MO6-2
MP6-2

NOTES

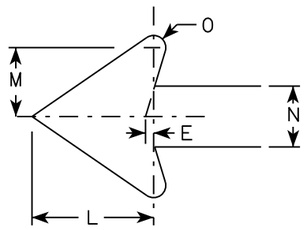
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow



MB6-1
MK6-1
MN6-1
MR6-1



MB6-2
MK6-2
MN6-2
MR6-2



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2						3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25

STANDARD SIGN M6-1 & M6-2 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

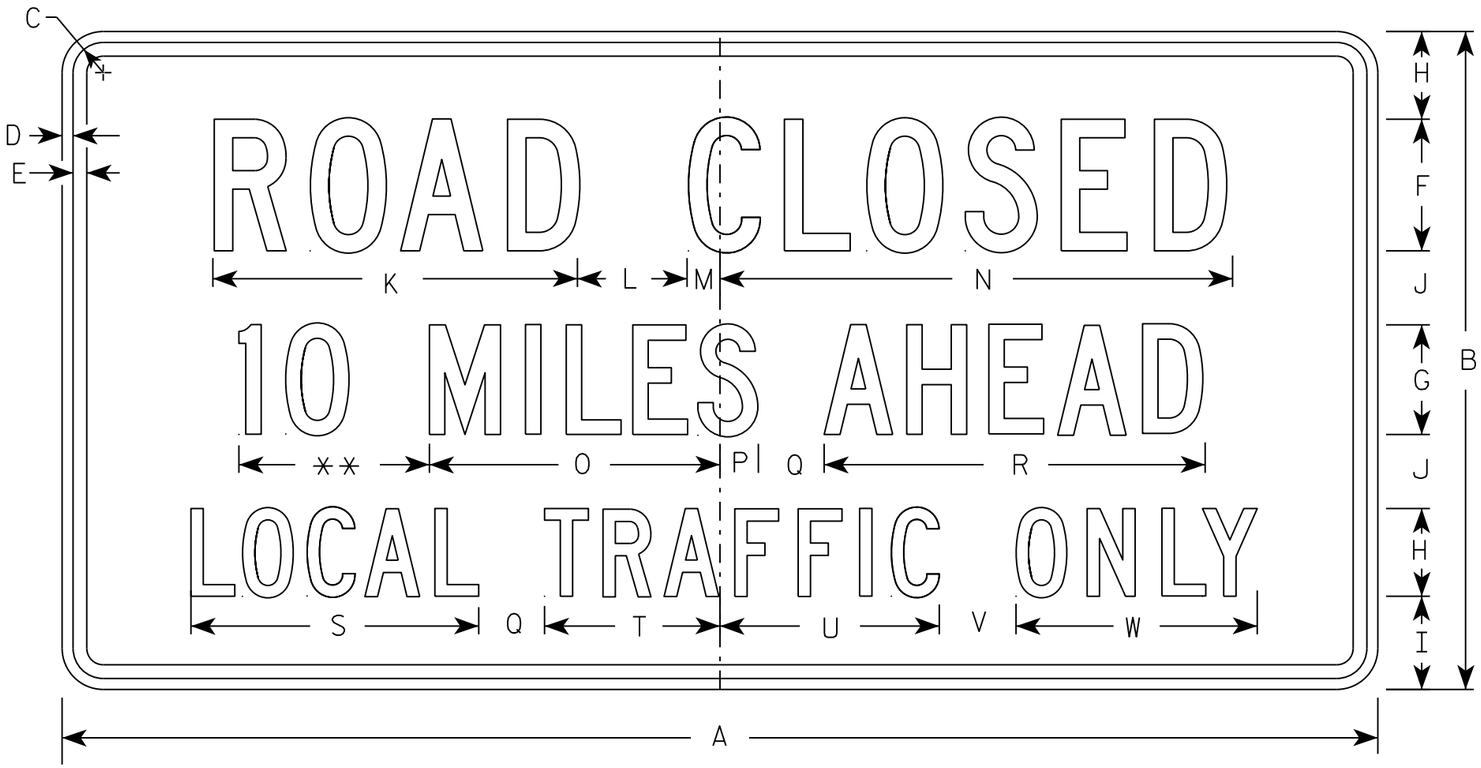
DATE 10/15/15 PLATE 120 M6-1.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M61.DGN PLOT DATE : 01-DEC-2015 17:57 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000

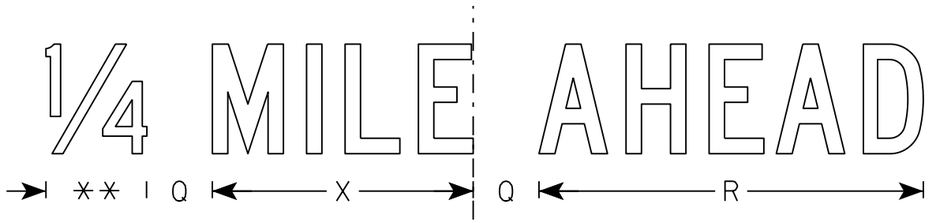
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 3/8	1/2	5/8	4	3	2 1/2	2	2	11 1/8	3	1 1/8	15 1/4	8	1 1/2	2	10 3/4	8 3/8	4 3/4	6 1/2	2	6 3/4	7 1/8			4.5
2S	60	30	1 3/8	1/2	5/8	6	5	4	4 1/4	3 3/8	16 5/8	5	1 1/2	23	13 1/4	1 3/4	3	17 3/8	13 1/8	8	10	3 1/2	11	11 7/8			12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	4 1/4	3 3/8	16 5/8	5	1 1/2	23	13 1/4	1 3/4	3	17 3/8	13 1/8	8	10	3 1/2	11	11 7/8			12.5
3																											
4																											
5																											

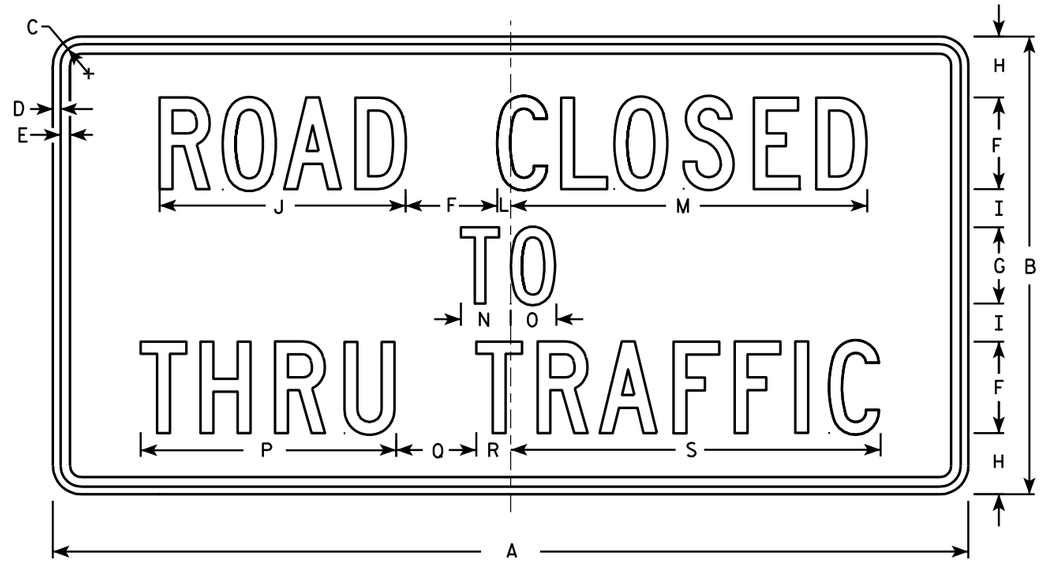
STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/15/17 PLATE NO. R11-3.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 121	E



R11-4

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

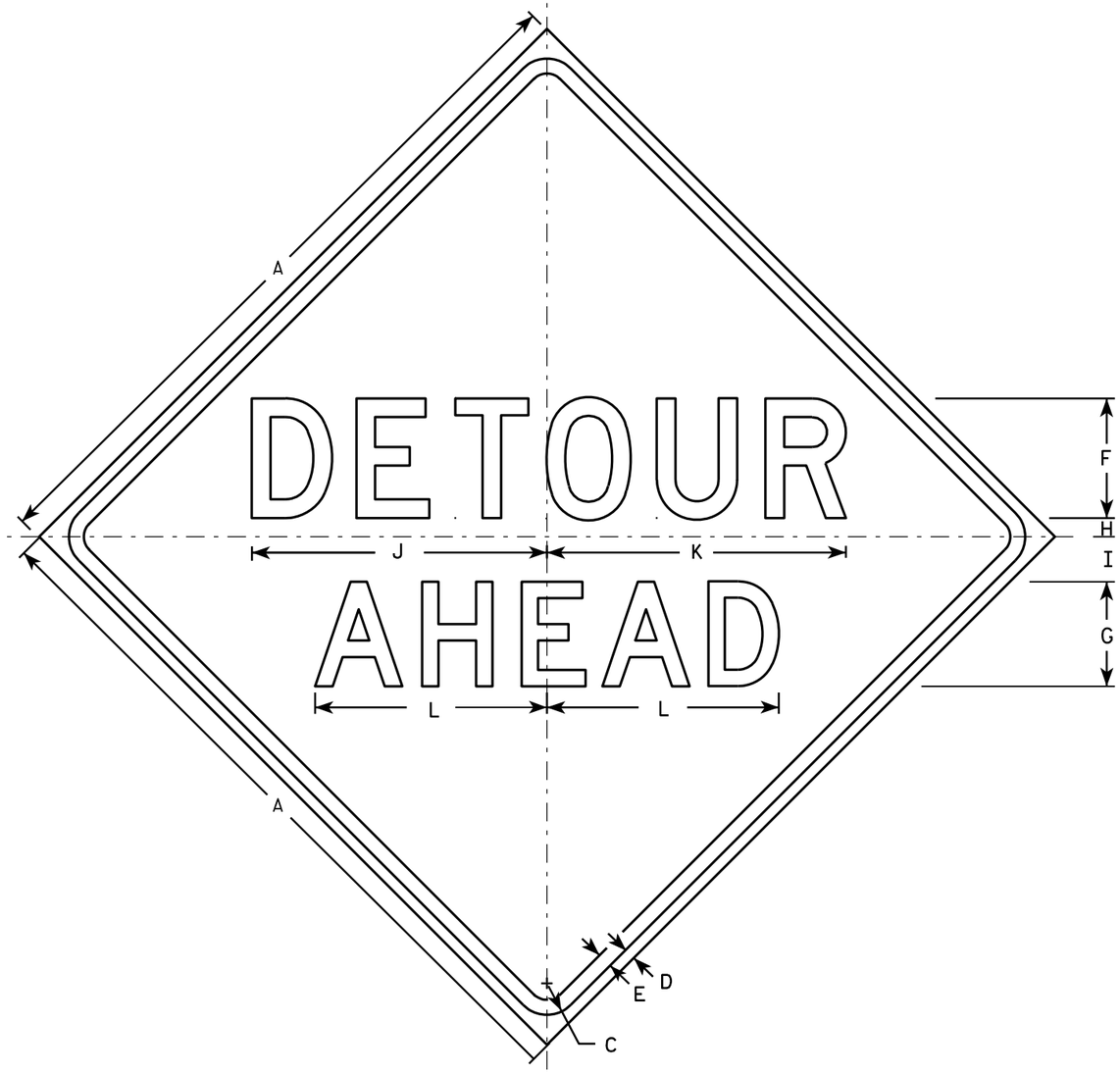
STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

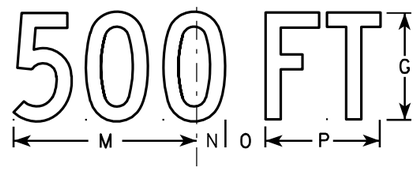
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 4/1/11 PLATE NO. R11-4.3

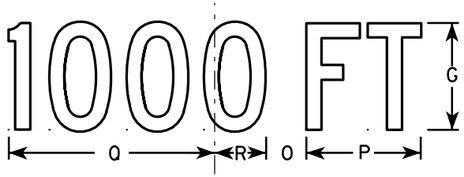
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 122 | E



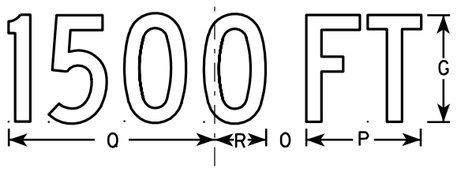
W20-2A



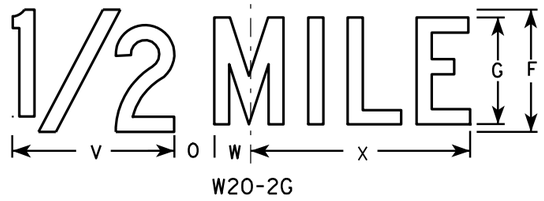
W20-2D



W20-2C



W20-2B



W20-2G

W20-2F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

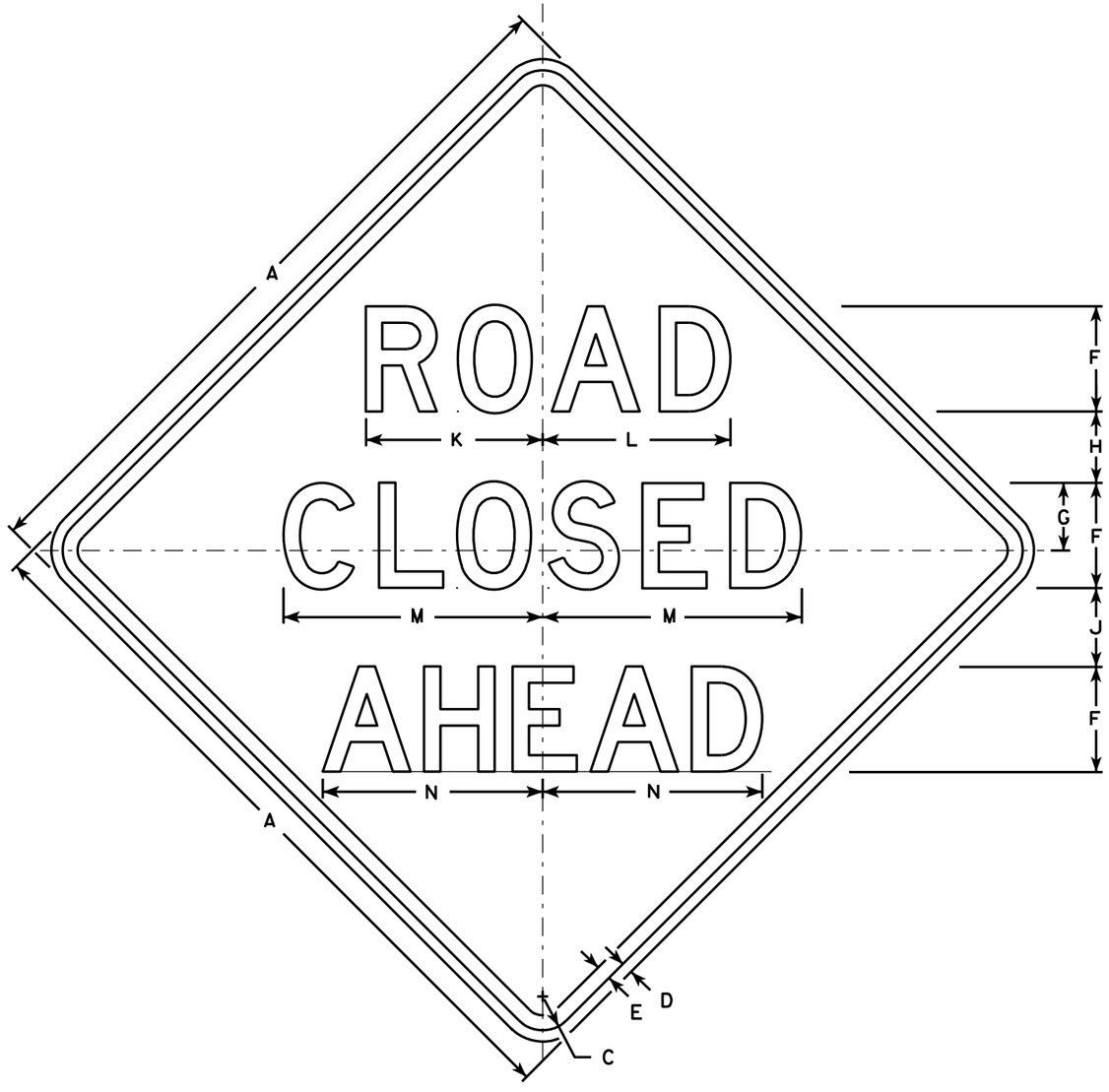
STANDARD SIGN
W20-2A,B,C,D,F & G

WISCONSIN DEPT OF TRANSPORTATION

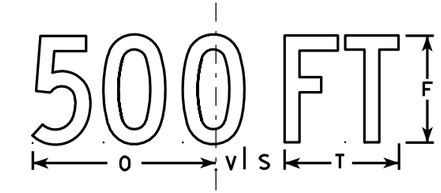
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-2.6

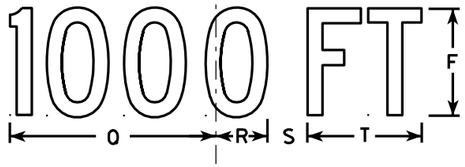
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 123 | E



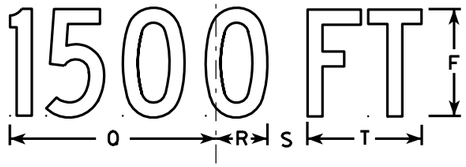
W20-3A



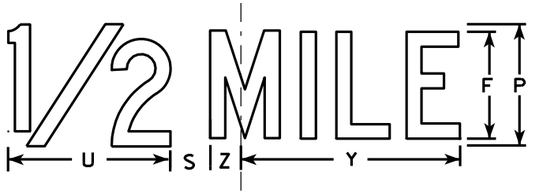
W20-3D



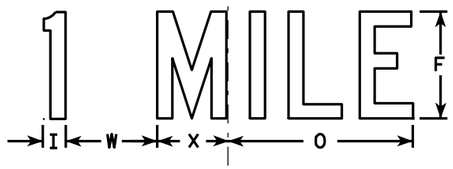
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

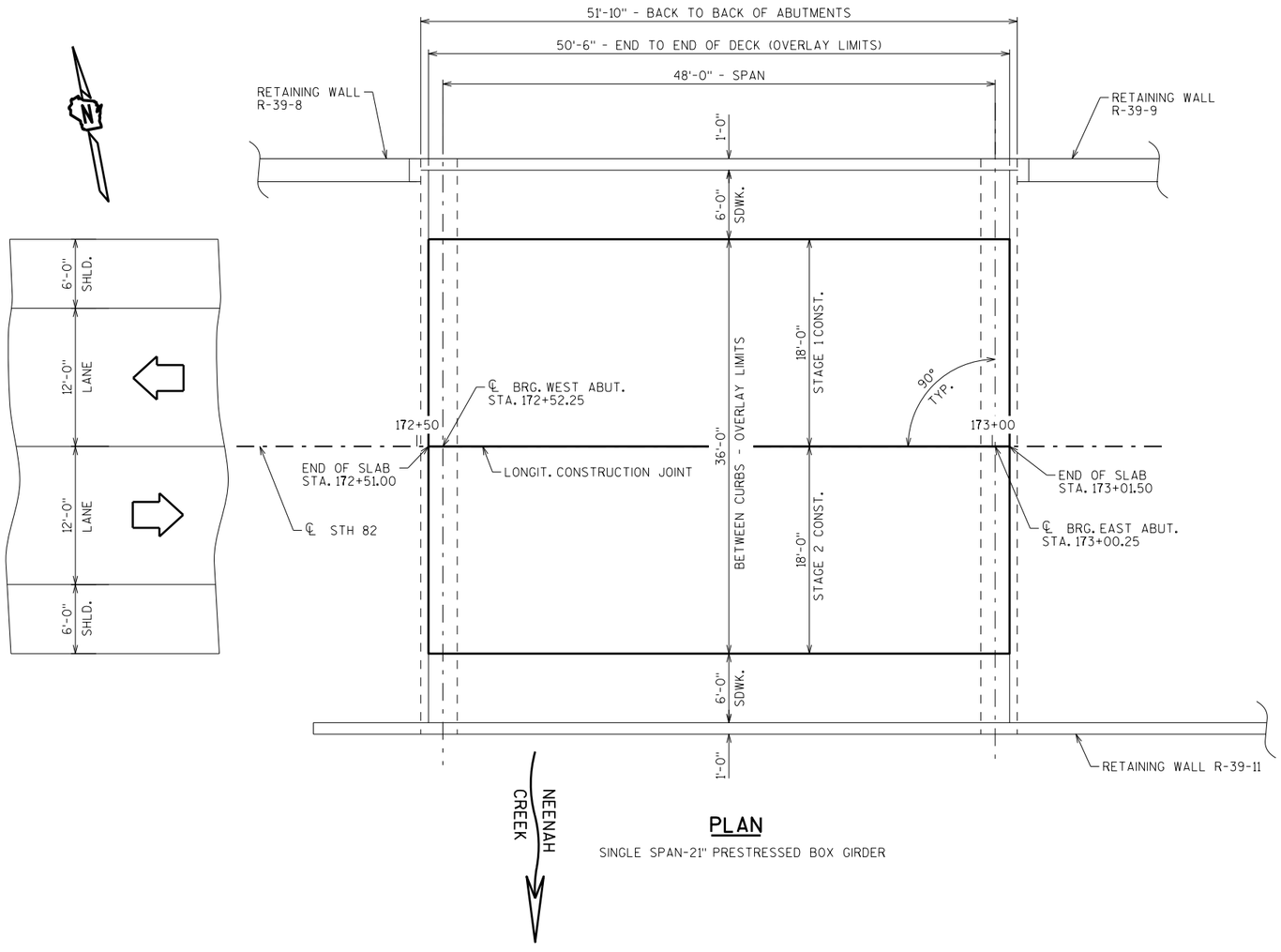
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 3/18/11 PLATE NO. W20-3.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 124 | E

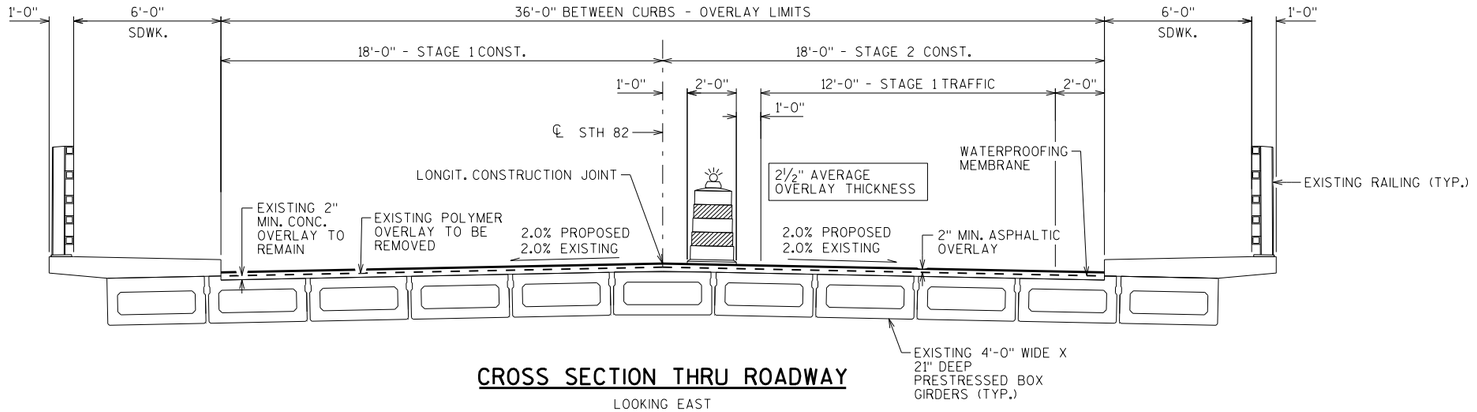
7

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W203.DGN PLOT DATE : 18-MAR-2011 12:08 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 9.931739:1.000000
WISDOT/CADDS SHEET 42



PLAN

SINGLE SPAN-21" PRESTRESSED BOX GIRDER



CROSS SECTION THRU ROADWAY

LOOKING EAST

STAGE 1 TRAFFIC SHOWN. STAGE 2 IS SIMILAR

STATE PROJECT NUMBER

1430-01-77

DESIGN DATA

LIVE LOAD:

DESIGN RATING; HS-20
INVENTORY RATING; HS-20
OPERATIONAL RATING; HS-33
MAXIMUM STANDARD PERMIT VEHICLE LOAD = 210 KIPS.

TRAFFIC VOLUME

STH 82

A.D.T.=4,700 (2039)
R.D.S.=25 M.P.H.

LIST OF DRAWINGS

1. HMA OVERLAY

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

CONTACT THE BUREAU OF STRUCTURES BEFORE PLACEMENT OF OVERLAY IF THE AVERAGE THICKNESS OF THE NEW OVERLAY WILL EXCEED THE AVERAGE OVERLAY SHOWN ON THE PLANS BY MORE THAN ½".

THE EXISTING POLYMER OVERLAY SHALL BE REMOVED FROM THE BRIDGE DECK UNDER BID ITEM "REMOVING POLYMER OVERLAY B-39-69".

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "HMA PAVEMENT 4 MT 58-28 S".

THE PLAN QUANTITY FOR THE BID ITEM "HMA PAVEMENT 4 MT 58-28 S" IS BASED ON THE AVERAGE OVERLAY THICKNESS.

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	TOTALS
460.6224	HMA PAVEMENT 4 MT 58-28 S	TON	28
509.9015.S	REMOVING POLYMER OVERLAY B-39-69	SY	202
516.0600.S	SHEET MEMBRANE WATERPROOFING	SY	202

STRUCTURE DESIGN CONTACTS:
MICAH BROOKS (608) 266-5080
LAURA SHADEWALD (608) 267-9592

NO.	DATE	REVISION	BY

BUREAU OF STRUCTURES

ACCEPTED LLS 10/26/20
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-39-69

STH 82 OVER NEENAH CREEK

COUNTY	VILLAGE
MARQUETTE	OXFORD

DESIGN SPEC. REHABILITATION N/A

DESIGNED BY	DESIGNED CK'D.	DRAWN BY	PLANS CK'D.
MJL	MWB	MJL	MWB

HMA OVERLAY

SHEET 1 OF 1

125

I.D. 1430-01-07A

DATE: JULY 2019

SCALE = 6.00

8

8

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 1.25	MASS ORDINATE NOTE 4
03+18	0	85.89	28.50	0.00	0	0	0	0	0	0
04+00	82	82.70	26.25	0.00	256	83	0	256	0	173
05+00	100	74.32	24.00	0.00	291	93	0	547	0	371
06+00	100	73.92	22.50	0.00	275	86	0	822	0	560
07+00	100	66.87	22.50	0.00	261	83	0	1,083	0	738
08+00	100	64.27	22.50	0.00	243	83	0	1,326	0	898
09+00	100	62.17	22.50	0.00	234	83	0	1,560	0	1,049
10+00	100	61.54	22.50	0.00	229	83	0	1,789	0	1,195
11+00	100	70.45	22.50	0.00	244	83	0	2,033	0	1,356
12+00	100	65.89	22.50	0.00	252	83	0	2,285	0	1,525
13+00	100	71.57	22.50	0.00	255	83	0	2,540	0	1,697
14+00	100	73.00	22.50	0.00	268	83	0	2,808	0	1,882
15+00	100	71.21	22.50	0.00	267	83	0	3,075	0	2,066
16+00	100	74.44	22.50	0.00	270	83	0	3,345	0	2,253
17+00	100	70.23	22.50	0.00	268	83	0	3,613	0	2,438
18+00	100	67.14	22.50	0.00	254	83	0	3,867	0	2,609
19+00	100	67.35	22.50	0.00	249	83	0	4,116	0	2,775
20+00	100	63.40	22.50	0.00	242	83	0	4,358	0	2,934
21+00	100	65.24	22.50	0.00	238	83	0	4,596	0	3,089
22+00	100	69.78	22.50	0.00	250	83	0	4,846	0	3,256
23+00	100	70.94	22.50	0.00	261	83	0	5,107	0	3,434
24+00	100	73.35	22.50	0.00	267	83	0	5,374	0	3,618
25+00	100	72.76	22.50	0.00	271	83	0	5,645	0	3,806
26+00	100	68.37	22.50	0.00	261	83	0	5,906	0	3,984
27+00	100	53.43	22.50	0.00	226	83	0	6,132	0	4,127
28+00	100	59.66	22.50	0.00	209	83	0	6,341	0	4,253
29+00	100	58.75	22.50	0.00	219	83	0	6,560	0	4,389
30+00	100	57.29	22.50	0.00	215	83	0	6,775	0	4,521
31+00	100	69.88	22.50	0.00	235	83	0	7,010	0	4,673
32+00	100	73.81	22.50	0.00	266	83	0	7,276	0	4,856
33+00	100	82.15	22.50	0.00	289	83	0	7,565	0	5,062
34+00	100	82.90	22.50	0.00	306	83	0	7,871	0	5,285
35+00	100	82.16	22.50	0.00	306	83	0	8,177	0	5,508
36+00	100	87.88	22.50	0.00	315	83	0	8,492	0	5,740
37+00	100	80.83	22.50	0.00	312	83	0	8,804	0	5,969
38+00	100	82.39	22.50	0.00	302	83	0	9,106	0	6,188
39+00	100	69.20	22.50	0.00	281	83	0	9,387	0	6,386
40+00	100	82.62	22.50	0.00	281	83	0	9,668	0	6,584
41+00	100	54.28	22.50	0.00	254	83	0	9,922	0	6,755
42+00	100	68.84	22.50	0.00	228	83	0	10,150	0	6,900
43+00	100	67.26	22.50	0.00	252	83	0	10,402	0	7,069
44+00	100	68.46	22.50	0.00	251	83	0	10,653	0	7,237
45+00	100	74.77	22.50	0.00	265	83	0	10,918	0	7,419
46+00	100	70.36	22.50	0.00	269	83	0	11,187	0	7,605
47+00	100	67.81	22.50	0.00	256	83	0	11,443	0	7,778
48+00	100	72.00	22.50	0.00	259	83	0	11,702	0	7,954
49+00	100	73.00	22.50	0.00	269	83	0	11,971	0	8,140
50+00	100	81.05	22.50	0.00	285	83	0	12,256	0	8,342

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
4 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

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PROJECT NO: 1430-01-77 | HWY: STH 82 | COUNTY: ADAMS | EARTHWORK DATA | SHEET 126 | E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\090101-EW.DWG
LAYOUT NAME - 01

PLOT DATE : 12/18/2020 9:51 AM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

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 1.25	MASS ORDINATE NOTE 4
51+00	100	84.20	22.50	0.00	306	83	0	12,562	0	8,565
52+00	100	83.46	22.50	0.00	310	83	0	12,872	0	8,792
53+00	100	78.51	22.50	0.00	300	83	0	13,172	0	9,009
54+00	100	65.84	22.50	0.00	267	83	0	13,439	0	9,193
55+00	100	57.14	22.50	0.00	228	83	0	13,667	0	9,338
56+00	100	56.78	22.50	0.00	211	83	0	13,878	0	9,466
57+00	100	60.58	22.50	0.00	217	83	0	14,095	0	9,600
58+00	100	68.86	22.50	0.00	240	83	0	14,335	0	9,757
59+00	100	75.65	22.50	0.00	268	83	0	14,603	0	9,942
60+00	100	84.74	22.50	0.00	297	83	0	14,900	0	10,156
61+00	100	77.48	22.50	0.00	300	83	0	15,200	0	10,373
62+00	100	70.36	22.50	0.00	274	83	0	15,474	0	10,564
63+00	100	74.85	22.50	0.00	269	83	0	15,743	0	10,750
64+00	100	71.18	22.50	0.00	270	83	0	16,013	0	10,937
65+00	100	66.82	22.50	0.00	256	83	0	16,269	0	11,110
66+00	100	63.10	22.50	0.00	241	83	0	16,510	0	11,268
67+00	100	71.39	22.50	0.00	249	83	0	16,759	0	11,434
68+00	100	73.03	22.50	0.00	267	83	0	17,026	0	11,618
69+00	100	67.67	22.50	0.00	261	83	0	17,287	0	11,796
70+00	100	80.88	22.50	0.00	275	83	0	17,562	0	11,988
71+00	100	81.26	22.50	0.00	300	83	0	17,862	0	12,205
72+00	100	73.83	22.50	0.00	287	83	0	18,149	0	12,409
73+00	100	73.45	22.50	0.00	273	83	0	18,422	0	12,599
74+00	100	60.85	22.50	0.00	249	83	0	18,671	0	12,765
75+00	100	68.02	22.50	0.00	239	83	0	18,910	0	12,921
76+00	100	59.54	22.50	0.00	236	83	0	19,146	0	13,074
77+00	100	52.57	22.50	0.00	208	83	0	19,354	0	13,199
78+00	100	60.00	22.50	0.16	208	83	0	19,562	0	13,324
79+00	100	65.29	22.50	0.00	232	83	0	19,794	0	13,473
80+00	100	63.02	22.50	0.00	238	83	0	20,032	0	13,628
81+00	100	64.51	22.50	0.00	236	83	0	20,268	0	13,781
82+00	100	64.98	22.50	0.00	240	83	0	20,508	0	13,938
83+00	100	62.37	22.50	0.00	236	83	0	20,744	0	14,091
84+00	100	62.66	22.50	0.00	232	83	0	20,976	0	14,240
85+00	100	65.45	22.50	0.00	237	83	0	21,213	0	14,394
86+00	100	75.65	22.50	0.00	261	83	0	21,474	0	14,572
87+00	100	78.38	22.50	0.00	285	83	0	21,759	0	14,774
88+00	100	73.52	22.50	0.00	281	83	0	22,040	0	14,972
89+00	100	78.03	22.50	0.00	281	83	0	22,321	0	15,170
90+00	100	76.13	22.50	0.00	285	83	0	22,606	0	15,372
91+00	100	68.61	22.50	0.00	268	83	0	22,874	0	15,557
92+00	100	63.97	22.50	0.00	246	83	0	23,120	0	15,720
93+00	100	72.72	22.50	0.00	253	83	0	23,373	0	15,890
94+00	100	66.78	22.50	0.00	258	83	0	23,631	0	16,065
95+00	100	65.71	22.50	0.00	245	83	0	23,876	0	16,227
96+00	100	66.12	22.50	0.00	244	83	0	24,120	0	16,388
97+00	100	69.01	22.50	0.00	250	83	0	24,370	0	16,555
98+00	100	72.39	22.50	0.00	262	83	0	24,632	0	16,734
99+00	100	72.32	22.50	0.00	268	83	0	24,900	0	16,919
100+00	100	67.83	22.50	0.00	260	83	0	25,160	0	17,096

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
4 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

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PROJECT NO: 1430-01-77 | HWY: STH 82 | COUNTY: ADAMS | EARTHWORK DATA | SHEET 127 | E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\090101-EW.DWG
LAYOUT NAME - 02

PLOT DATE : 12/18/2020 9:51 AM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

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 1.25	MASS ORDINATE NOTE 4
101+00	100	67.85	22.50	0.00	251	83	0	25,411	0	17,264
102+00	100	62.63	22.50	0.00	242	83	0	25,653	0	17,423
103+00	100	67.19	22.50	0.00	240	83	0	25,893	0	17,580
104+00	100	66.74	22.50	0.00	248	83	0	26,141	0	17,745
105+00	100	68.31	22.50	0.00	250	83	0	26,391	0	17,912
106+00	100	70.94	22.50	0.00	258	83	0	26,649	0	18,087
107+00	100	48.67	22.50	0.00	222	83	0	26,871	0	18,226
108+00	100	66.70	22.50	0.00	214	83	0	27,085	0	18,357
109+00	100	66.02	22.50	0.00	246	83	0	27,331	0	18,520
110+00	100	66.05	22.50	0.00	245	83	0	27,576	0	18,682
111+00	100	67.97	22.50	0.00	248	83	0	27,824	0	18,847
112+00	100	67.75	22.50	0.00	251	83	0	28,075	0	19,015
113+00	100	65.59	22.50	0.00	247	83	0	28,322	0	19,179
114+00	100	67.90	22.50	0.00	247	83	0	28,569	0	19,343
115+00	100	67.82	22.50	0.00	251	83	0	28,820	0	19,511
116+00	100	65.50	22.50	0.00	247	83	0	29,067	0	19,675
117+00	100	71.00	22.50	0.00	253	83	0	29,320	0	19,845
118+00	100	65.68	22.50	0.00	253	83	0	29,573	0	20,015
119+00	100	64.59	22.50	0.00	241	83	0	29,814	0	20,173
120+00	100	56.56	22.50	0.00	224	83	0	30,038	0	20,314
121+00	100	57.74	22.50	0.00	212	83	0	30,250	0	20,443
122+00	100	62.03	22.50	0.00	222	83	0	30,472	0	20,582
123+00	100	64.19	22.50	0.00	234	83	0	30,706	0	20,733
124+00	100	65.32	22.50	0.00	240	83	0	30,946	0	20,890
125+00	100	66.32	22.50	0.00	244	83	0	31,190	0	21,051
126+00	100	67.60	22.50	0.00	248	83	0	31,438	0	21,216
127+00	100	62.67	22.50	0.00	241	83	0	31,679	0	21,374
128+00	100	63.14	22.50	0.00	233	83	0	31,912	0	21,524
129+00	100	62.34	22.50	0.00	232	83	0	32,144	0	21,673
130+00	100	60.25	22.50	0.00	227	83	0	32,371	0	21,817
131+00	100	60.93	22.50	0.00	224	83	0	32,595	0	21,958
132+00	100	64.76	22.50	0.00	233	83	0	32,828	0	22,108
133+00	100	65.34	22.50	0.00	241	83	0	33,069	0	22,266
134+00	100	70.03	22.50	0.00	251	83	0	33,320	0	22,434
135+00	100	74.96	22.50	0.00	268	83	0	33,588	0	22,619
136+00	100	77.86	22.50	0.00	283	83	0	33,871	0	22,819
137+00	100	69.94	22.50	0.00	274	83	0	34,145	0	23,010
138+00	100	66.02	22.50	0.00	252	83	0	34,397	0	23,179
139+00	100	64.46	22.50	0.00	242	83	0	34,639	0	23,338
140+00	100	71.16	22.50	0.00	251	83	0	34,890	0	23,506
141+00	100	69.07	22.50	0.00	260	83	0	35,150	0	23,683
142+00	100	67.25	22.50	0.00	252	83	0	35,402	0	23,852
143+00	100	66.75	22.50	0.00	248	83	0	35,650	0	24,017
144+00	100	73.49	22.50	0.00	260	83	0	35,910	0	24,194
145+00	100	73.22	22.50	0.00	272	83	0	36,182	0	24,383
146+00	100	73.96	22.50	0.00	273	83	0	36,455	0	24,573
147+00	100	68.26	22.50	0.00	263	83	0	36,718	0	24,753
148+00	100	69.54	22.50	0.00	255	83	0	36,973	0	24,925
149+00	100	69.85	22.50	0.00	258	83	0	37,231	0	25,100
150+00	100	69.81	22.50	0.00	259	83	0	37,490	0	25,276

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
4 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

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PROJECT NO: 1430-01-77 | HWY: STH 82 | COUNTY: ADAMS | EARTHWORK DATA | SHEET 128 | E

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 1.25	MASS ORDINATE NOTE 4
151+00	100	69.03	22.50	0.00	257	83	0	37,747	0	25,450
152+00	100	71.59	22.50	0.00	260	83	0	38,007	0	25,627
153+00	100	69.30	22.50	0.00	261	83	0	38,268	0	25,805
154+00	100	70.22	22.50	0.00	258	83	0	38,526	0	25,980
155+00	100	65.75	22.50	0.00	252	83	0	38,778	0	26,149
156+00	100	66.76	22.50	0.00	245	83	0	39,023	0	26,311
157+00	100	68.89	22.50	0.00	251	83	0	39,274	0	26,479
158+00	100	65.66	22.50	0.00	249	83	0	39,523	0	26,645
159+00	100	50.13	22.50	0.00	214	83	0	39,737	0	26,776
160+00	100	68.96	24.75	0.00	221	88	0	39,958	0	26,909
161+00	100	66.55	22.50	0.00	251	88	0	40,209	0	27,072
162+00	100	62.06	22.50	0.00	238	83	0	40,447	0	27,227
163+00	100	63.35	22.50	0.00	232	83	0	40,679	0	27,376
164+00	100	64.06	22.50	0.00	236	83	0	40,915	0	27,529
165+00	100	62.01	22.50	0.00	233	83	0	41,148	0	27,679
166+00	100	61.70	22.50	0.00	229	83	0	41,377	0	27,825
167+00	100	62.59	22.50	0.00	230	83	0	41,607	0	27,972
168+00	100	65.37	22.50	0.00	237	83	0	41,844	0	28,126
169+00	100	66.22	22.50	0.00	244	83	0	42,088	0	28,287
170+00	100	67.09	22.50	0.00	247	83	0	42,335	0	28,451
171+00	100	66.72	22.50	0.00	248	83	0	42,583	0	28,616
172+00	100	64.75	22.50	0.00	243	83	0	42,826	0	28,776
173+00	100	69.51	22.50	0.00	249	83	0	43,075	0	28,942
174+00	100	70.47	22.50	0.00	259	83	0	43,334	0	29,118
175+00	100	67.13	22.50	0.00	255	83	0	43,589	0	29,290
176+00	100	65.44	22.50	0.00	245	83	0	43,834	0	29,452
177+00	100	71.19	22.50	0.00	253	83	0	44,087	0	29,622
178+00	100	71.03	22.50	0.00	263	83	0	44,350	0	29,802
179+00	100	66.44	22.50	0.00	255	83	0	44,605	0	29,974
180+00	100	66.63	22.50	0.00	246	83	0	44,851	0	30,137
181+00	100	64.09	22.50	0.00	242	83	0	45,093	0	30,296
182+00	100	65.31	22.50	0.00	240	83	0	45,333	0	30,453
183+00	100	67.83	22.50	0.00	247	83	0	45,580	0	30,617
184+00	100	68.92	22.50	0.00	253	83	0	45,833	0	30,787
185+00	100	64.32	22.50	0.00	247	83	0	46,080	0	30,951
186+00	100	70.14	22.50	0.00	249	83	0	46,329	0	31,117
187+00	100	70.33	22.50	0.00	260	83	0	46,589	0	31,294
188+00	100	70.12	22.50	0.00	260	83	0	46,849	0	31,471
189+00	100	67.84	22.50	0.00	255	83	0	47,104	0	31,643
190+00	100	68.31	22.50	0.00	252	83	0	47,356	0	31,812
191+00	100	62.43	22.50	0.00	242	83	0	47,598	0	31,971
192+00	100	59.64	22.50	0.00	226	83	0	47,824	0	32,114
193+00	100	68.30	22.50	0.00	237	83	0	48,061	0	32,268
194+00	100	72.51	22.50	0.00	261	83	0	48,322	0	32,446
195+00	100	83.25	22.50	0.00	288	83	0	48,610	0	32,651
196+00	100	80.34	22.50	0.00	303	83	0	48,913	0	32,871
197+00	100	70.80	22.50	0.00	280	83	0	49,193	0	33,068
198+00	100	72.06	22.50	0.00	265	83	0	49,458	0	33,250
199+00	100	68.74	22.50	0.00	261	83	0	49,719	0	33,428
200+00	100	71.60	22.50	0.00	260	83	0	49,979	0	33,605

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
4 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

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PROJECT NO: 1430-01-77 | HWY: STH 82 | COUNTY: ADAMS | EARTHWORK DATA | SHEET 129 | E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\090101-EW.DWG
LAYOUT NAME - 04

PLOT DATE : 12/18/2020 9:51 AM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

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 1.25	MASS ORDINATE NOTE 4
201+00	100	70.16	22.50	0.00	263	83	0	50,242	0	33,785
202+00	100	73.44	22.50	0.00	266	83	0	50,508	0	33,968
203+00	100	72.90	22.50	0.00	271	83	0	50,779	0	34,156
204+00	100	71.03	22.50	0.00	267	83	0	51,046	0	34,340
205+00	100	68.55	22.50	0.00	258	83	0	51,304	0	34,515
206+00	100	63.86	22.50	0.00	245	83	0	51,549	0	34,677
207+00	100	63.00	22.50	0.00	235	83	0	51,784	0	34,829
208+00	100	64.17	22.50	0.00	235	83	0	52,019	0	34,981
209+00	100	67.33	22.50	0.00	244	83	0	52,263	0	35,142
210+00	100	67.79	22.50	0.00	250	83	0	52,513	0	35,309
211+00	100	70.72	22.50	0.00	257	83	0	52,770	0	35,483
212+00	100	50.00	22.50	0.00	224	83	0	52,994	0	35,624
213+00	100	67.24	22.50	0.00	217	83	0	53,211	0	35,758
214+00	100	68.90	22.50	0.00	252	83	0	53,463	0	35,927
215+00	100	69.94	22.50	0.00	257	83	0	53,720	0	36,101
216+00	100	76.80	22.50	0.00	272	83	0	53,992	0	36,290
217+00	100	65.66	22.50	0.00	264	83	0	54,256	0	36,471
218+00	100	63.56	22.50	0.00	239	83	0	54,495	0	36,627
219+00	100	64.87	22.50	0.00	238	83	0	54,733	0	36,782
220+00	100	71.42	22.50	0.00	252	83	0	54,985	0	36,951
221+00	100	74.28	22.50	0.00	270	83	0	55,255	0	37,138
222+00	100	74.17	22.50	0.00	275	83	0	55,530	0	37,330
223+00	100	74.06	22.50	0.00	274	83	0	55,804	0	37,521
224+00	100	74.26	22.50	0.00	275	83	0	56,079	0	37,713
225+00	100	73.58	22.50	0.00	274	83	0	56,353	0	37,904
226+00	100	67.40	22.50	0.00	261	83	0	56,614	0	38,082
227+00	100	64.89	22.50	0.00	245	83	0	56,859	0	38,244
228+00	100	63.56	22.50	0.00	238	83	0	57,097	0	38,399
229+00	100	59.47	22.50	0.00	228	83	0	57,325	0	38,544
230+00	100	56.48	22.50	0.00	215	83	0	57,540	0	38,676
231+00	100	61.38	22.50	0.00	218	83	0	57,758	0	38,811
232+00	100	62.40	22.50	0.00	229	83	0	57,987	0	38,957
233+00	100	61.43	22.50	0.00	229	83	0	58,216	0	39,103
234+00	100	63.22	22.50	0.00	231	83	0	58,447	0	39,251
235+00	100	60.87	22.50	0.00	230	83	0	58,677	0	39,398
236+00	100	62.64	22.50	0.00	229	83	0	58,906	0	39,544
237+00	100	53.20	22.50	0.00	215	83	0	59,121	0	39,676
238+00	100	53.53	22.50	0.00	198	83	0	59,319	0	39,791
239+00	100	56.99	22.50	0.00	205	83	0	59,524	0	39,913
240+00	100	58.82	22.50	0.00	214	83	0	59,738	0	40,044
241+00	100	57.44	22.50	0.00	215	83	0	59,953	0	40,176
242+00	100	59.32	22.50	0.00	216	83	0	60,169	0	40,309
243+00	100	61.31	22.50	0.00	223	83	0	60,392	0	40,449
244+00	100	59.75	22.50	0.00	224	83	0	60,616	0	40,590
245+00	100	53.11	22.50	0.00	209	83	0	60,825	0	40,716
246+00	100	50.96	22.50	0.00	193	83	0	61,018	0	40,826
247+00	100	64.98	22.50	0.00	215	83	0	61,233	0	40,958
248+00	100	68.15	22.50	0.00	247	83	0	61,480	0	41,122
249+00	100	70.31	22.50	0.00	256	83	0	61,736	0	41,295
250+00	100	71.67	22.50	0.00	263	83	0	61,999	0	41,475

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
4 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

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PROJECT NO: 1430-01-77 | HWY: STH 82 | COUNTY: ADAMS | EARTHWORK DATA | SHEET 130 | E

FILE NAME : Z:\PDS\C3D\14300107\SHEETSPLAN\1430-01-77\090101-EW.DWG
LAYOUT NAME - 05

PLOT DATE : 12/18/2020 9:51 AM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

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 1.25	MASS ORDINATE NOTE 4
251+00	100	67.24	22.50	0.00	257	83	0	62,256	0	41,649
252+00	100	74.23	22.50	0.00	262	83	0	62,518	0	41,828
253+00	100	73.67	22.50	0.00	274	83	0	62,792	0	42,019
254+00	100	73.06	22.50	0.00	272	83	0	63,064	0	42,208
255+00	100	66.43	22.50	0.00	258	83	0	63,322	0	42,383
256+00	100	61.67	22.50	0.00	237	83	0	63,559	0	42,537
257+00	100	62.52	22.50	0.00	230	83	0	63,789	0	42,684
258+00	100	60.96	22.50	0.00	229	83	0	64,018	0	42,830
259+00	100	65.44	22.50	0.00	234	83	0	64,252	0	42,981
260+00	100	66.31	22.50	0.00	244	83	0	64,496	0	43,142
261+00	100	65.23	22.50	0.00	244	83	0	64,740	0	43,303
262+00	100	65.87	22.50	0.00	243	83	0	64,983	0	43,463
263+00	100	67.05	22.50	0.00	246	83	0	65,229	0	43,626
264+00	100	67.47	22.50	0.00	249	83	0	65,478	0	43,792
265+00	100	49.10	22.50	0.00	216	83	0	65,694	0	43,925
266+00	100	69.51	22.50	0.00	220	83	0	65,914	0	44,062
267+00	100	72.62	22.50	0.00	263	83	0	66,177	0	44,242
268+00	100	78.49	22.50	0.00	280	83	0	66,457	0	44,439
269+00	100	75.99	22.50	0.00	286	83	0	66,743	0	44,642
270+00	100	72.18	22.50	0.00	274	83	0	67,017	0	44,833
271+00	100	74.57	22.50	0.00	272	83	0	67,289	0	45,022
272+00	100	74.64	22.50	0.00	276	83	0	67,565	0	45,215
273+00	100	69.72	22.50	0.00	267	83	0	67,832	0	45,399
274+00	100	62.06	22.50	0.00	244	83	0	68,076	0	45,560
275+00	100	70.52	22.50	0.00	246	83	0	68,322	0	45,723
276+00	100	69.37	22.50	0.00	259	83	0	68,581	0	45,899
277+00	100	69.21	22.50	0.00	257	83	0	68,838	0	46,073
278+00	100	74.35	22.50	0.00	266	83	0	69,104	0	46,256
279+00	100	67.57	22.50	0.00	263	83	0	69,367	0	46,436
280+00	100	62.15	22.50	0.00	240	83	0	69,607	0	46,593
281+00	100	63.49	22.50	0.00	233	83	0	69,840	0	46,743
282+00	100	62.04	22.50	0.00	232	83	0	70,072	0	46,892
283+00	100	68.19	22.50	0.00	241	83	0	70,313	0	47,050
284+00	100	70.00	22.50	0.00	256	83	0	70,569	0	47,223
285+00	100	74.97	22.50	0.00	268	83	0	70,837	0	47,408
286+00	100	70.57	22.50	0.00	270	83	0	71,107	0	47,595
287+00	100	69.37	22.50	0.00	259	83	0	71,366	0	47,771
288+00	100	68.23	22.50	0.00	255	83	0	71,621	0	47,943
289+00	100	68.78	22.50	0.00	254	83	0	71,875	0	48,114
290+00	100	66.02	22.50	0.00	250	83	0	72,125	0	48,281
291+00	100	61.86	22.50	0.00	237	83	0	72,362	0	48,435
292+00	100	60.95	22.50	0.00	227	83	0	72,589	0	48,579
293+00	100	65.19	22.50	0.00	234	83	0	72,823	0	48,730
294+00	100	66.50	22.50	0.00	244	83	0	73,067	0	48,891
295+00	100	66.90	22.50	0.00	247	83	0	73,314	0	49,055
296+00	100	63.71	22.50	0.00	242	83	0	73,556	0	49,214
297+00	100	65.53	22.50	0.00	239	83	0	73,795	0	49,370
298+00	100	63.10	22.50	0.00	238	83	0	74,033	0	49,525
299+00	100	64.61	22.50	0.00	237	83	0	74,270	0	49,679
300+00	100	64.11	22.50	0.00	238	83	0	74,508	0	49,834

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
4 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

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PROJECT NO: 1430-01-77 | HWY: STH 82 | COUNTY: ADAMS | EARTHWORK DATA | SHEET 131 | E

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 1.25	MASS ORDINATE NOTE 4
301+00	100	61.48	22.50	0.00	233	83	0	74,741	0	49,984
302+00	100	62.14	22.50	0.00	229	83	0	74,970	0	50,130
303+00	100	66.48	22.50	0.00	238	83	0	75,208	0	50,285
304+00	100	68.60	22.50	0.00	250	83	0	75,458	0	50,452
305+00	100	75.85	22.50	0.00	268	83	0	75,726	0	50,637
306+00	100	68.34	22.50	0.00	267	83	0	75,993	0	50,821
307+00	100	66.56	22.50	0.00	250	83	0	76,243	0	50,988
308+00	100	64.36	22.50	0.00	242	83	0	76,485	0	51,147
309+00	100	59.73	22.50	0.00	230	83	0	76,715	0	51,294
310+00	100	68.13	22.50	0.00	237	83	0	76,952	0	51,448
311+00	100	70.77	22.50	0.00	257	83	0	77,209	0	51,622
312+00	100	72.92	22.50	0.00	266	83	0	77,475	0	51,805
313+00	100	73.83	22.50	0.00	272	83	0	77,747	0	51,994
314+00	100	74.27	22.50	0.00	274	83	0	78,021	0	52,185
315+00	100	78.88	24.00	0.00	284	86	0	78,305	0	52,383
316+00	100	94.68	29.25	0.00	321	99	0	78,626	0	52,605
317+00	100	98.56	29.25	0.00	358	108	0	78,984	0	52,855
318+00	100	123.60	42.75	0.00	411	133	0	79,395	0	53,133
319+00	100	81.79	36.00	0.00	380	146	0	79,775	0	53,367
320+00	100	80.30	29.25	0.00	300	121	0	80,075	0	53,546
321+00	100	79.81	29.25	0.00	297	108	0	80,372	0	53,735
322+00	100	66.11	24.75	0.00	270	100	0	80,642	0	53,905
322+70	70	58.82	22.50	0.00	162	61	0	80,804	0	54,006

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
4 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

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PROJECT NO: 1430-01-77 | HWY: STH 82 | COUNTY: ADAMS | EARTHWORK DATA | SHEET 132 | E

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	1.25	NOTE 8
50+25"JN"	0	83.37	25.50	0.00	0	0	0	0	0	0
50+36"JN"	11	51.49	16.50	0.00	27	9	0	27	0	18

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
4 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

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	1.25	NOTE 8
49+48"KS"	0	21.28	15.75	0.00	0	0	0	0	0	0
49+50"KS"	2	49.72	15.75	0.00	3	1	0	3	0	2
49+75"KS"	25	119.59	33.00	0.00	78	23	0	81	0	57

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	1.25	NOTE 8
49+35"LS"	0	58.78	16.50	0.00	0	0	0	0	0	0
49+50"LS"	15	58.49	17.25	0.00	33	9	0	33	0	24
49+75"LS"	25	94.74	27.00	0.00	71	20	0	104	0	75

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	1.25	NOTE 8
50+25"LN"	0	112.34	25.50	0.00	0	0	0	0	0	0
50+45"LN"	20	58.10	15.00	0.00	63	15	0	63	0	48

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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	1.25	NOTE 8
49+50"MS"	0	60.11	18.75	0.00	0	0	0	0	0	0
49+75"MS"	25	123.00	30.00	0.00	85	23	0	85	0	62

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
4 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

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	1.25	NOTE 8
50+25"MN"	0	137.17	29.25	0.00	0	0	0	0	0	0
50+50"MN"	25	61.71	17.25	0.00	92	22	0	92	0	70
50+54"MN"	4	62.34	16.50	0.00	9	3	0	101	0	76

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	1.25	NOTE 8
49+50"PS"	0	67.51	17.25	0.00	0	0	0	0	0	0
49+75"PS"	25	83.29	23.25	0.00	70	19	0	70	0	51

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	1.25	NOTE 8
50+25"PN"	0	108.48	28.50	0.00	0	0	0	0	0	0
50+50"PN"	25	72.71	18.00	0.00	84	22	0	84	0	62
50+60"PN"	10	71.78	18.00	0.00	27	7	0	111	0	82

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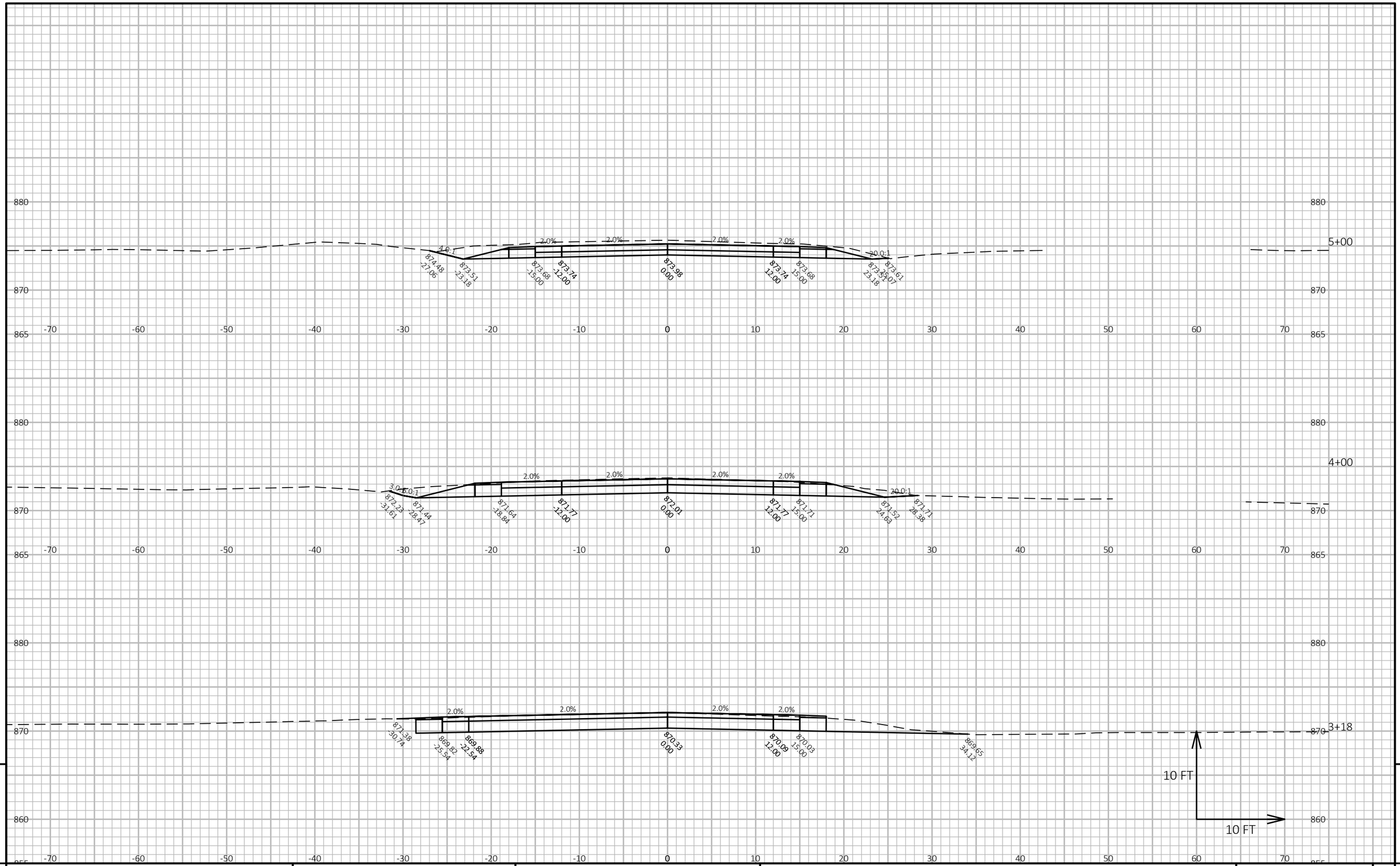
STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
		CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
					NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
49+57"QS"	0	65.66	18.00	0.00	0	0	0	0	0	0
49+75"QS"	18	112.65	30.00	0.00	59	16	0	59	0	43

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
4 - MASS ORDINATE	[CUT - SALVAGED PAVT - (FILL * FILL FACTOR)]

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	1.25	NOTE 8
50+25"QN"	0	98.92	27.75	0.00	0	0	0	0	0	0
50+50"QN"	25	66.90	15.75	0.00	77	20	0	77	0	57

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	1.25	NOTE 8
48+74"BS"	0	62.85	18.75	0.00	0	0	0	0	0	0
49+00"BS"	26	71.49	21.75	0.00	65	20	0	65	0	45
49+25"BS"	25	78.18	24.00	0.00	69	21	0	134	0	93
49+50"BS"	25	101.47	37.50	0.00	83	28	0	217	0	148

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	1.25	NOTE 8
50+50"BN"	0	103.85	37.50	0.00	0	0	0	0	0	0
50+75"BN"	25	79.47	27.00	0.00	85	30	0	85	0	55
51+00"BN"	25	75.78	24.75	0.00	72	24	0	157	0	103
51+25"BN"	25	69.91	22.50	0.00	67	22	0	224	0	148
51+27"BN"	2	69.05	21.00	0.00	5	2	0	229	0	151



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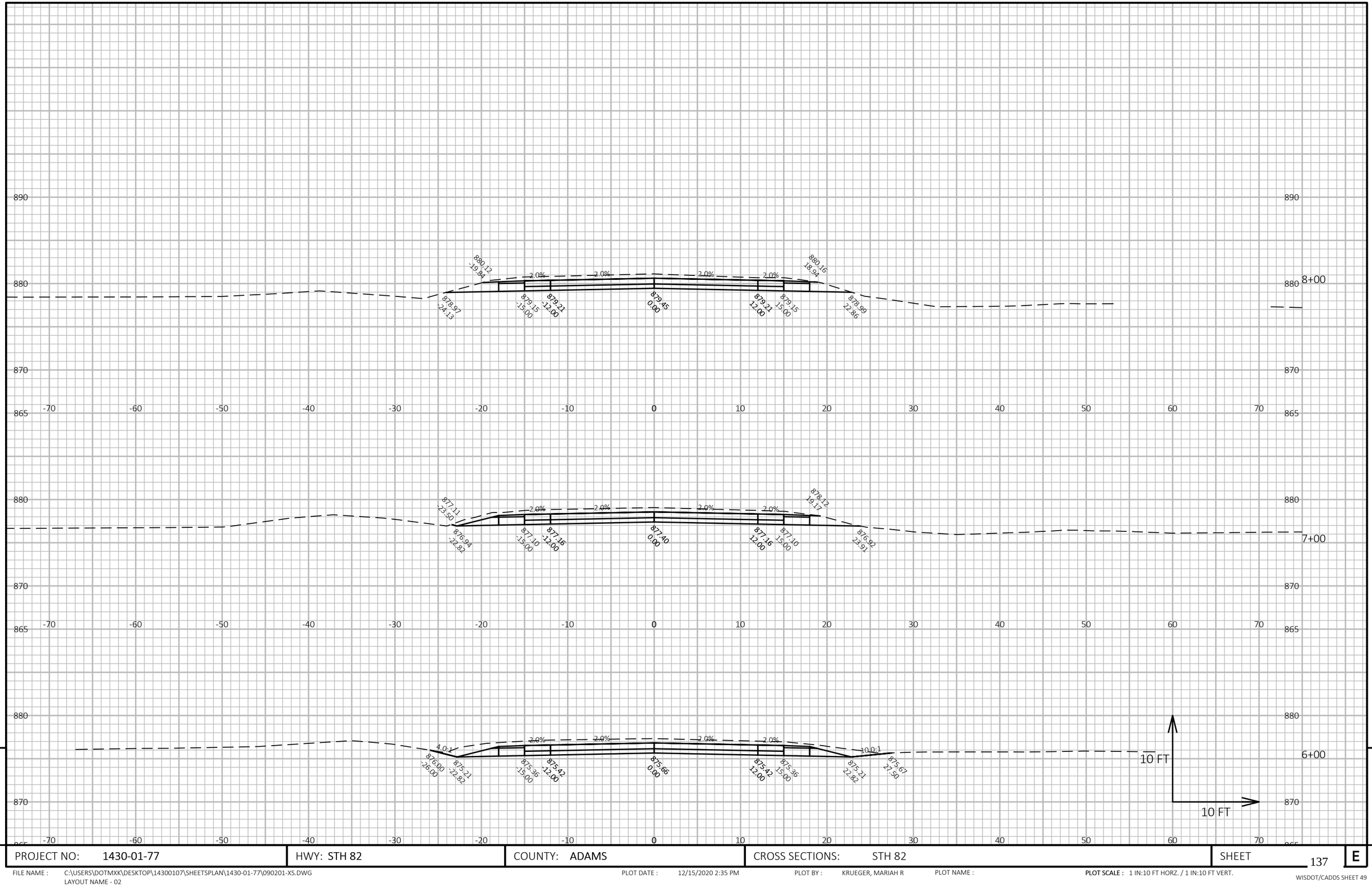
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 136	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 12/15/2020 2:34 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 137	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 02

PLOT DATE : 12/15/2020 2:35 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49

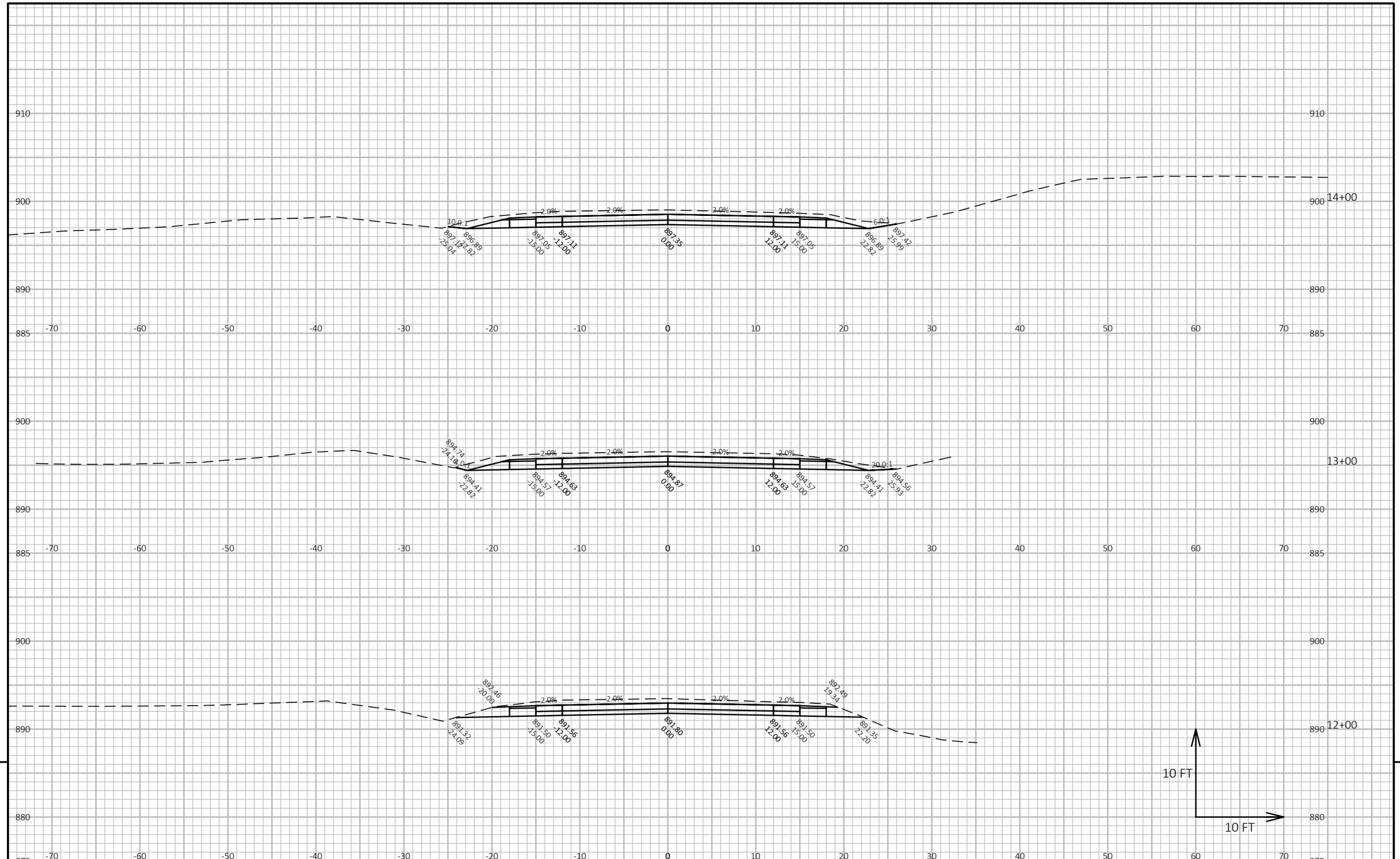
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 138	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 03

PLOT DATE : 12/15/2020 2:36 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9

9

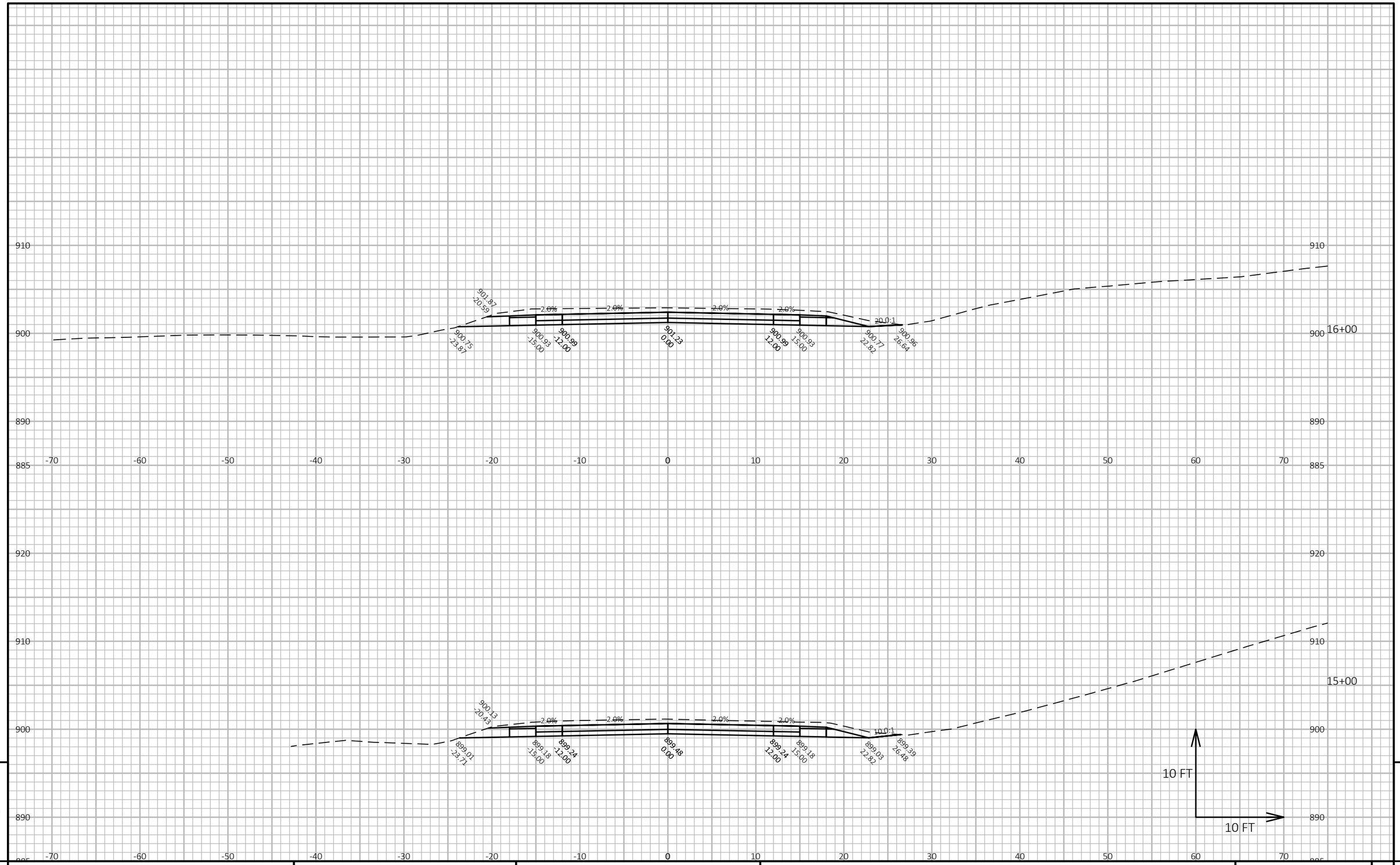
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 139	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 12/15/2020 2:37 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9

9

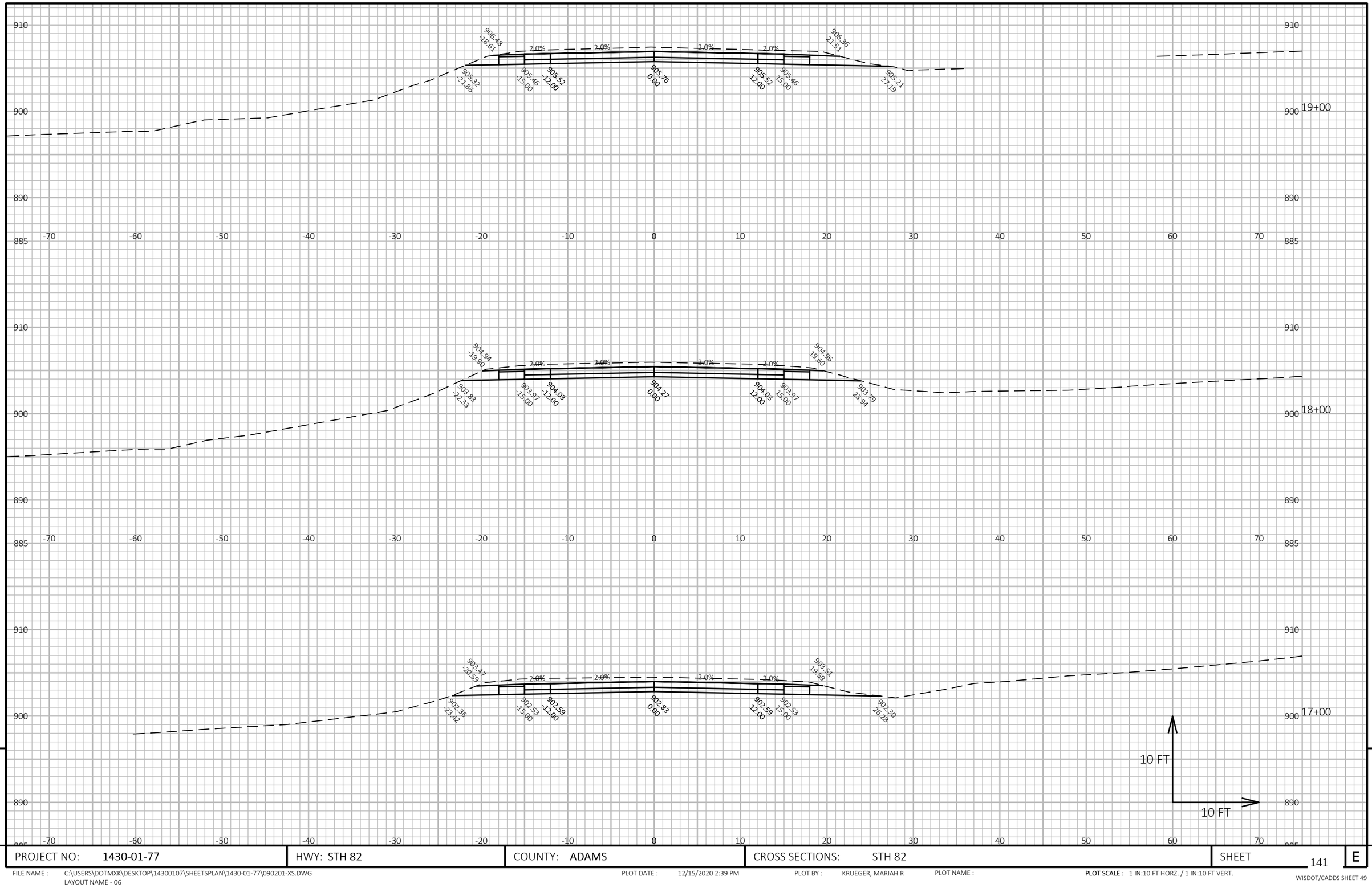
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 140	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 05

PLOT DATE : 12/15/2020 2:38 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49

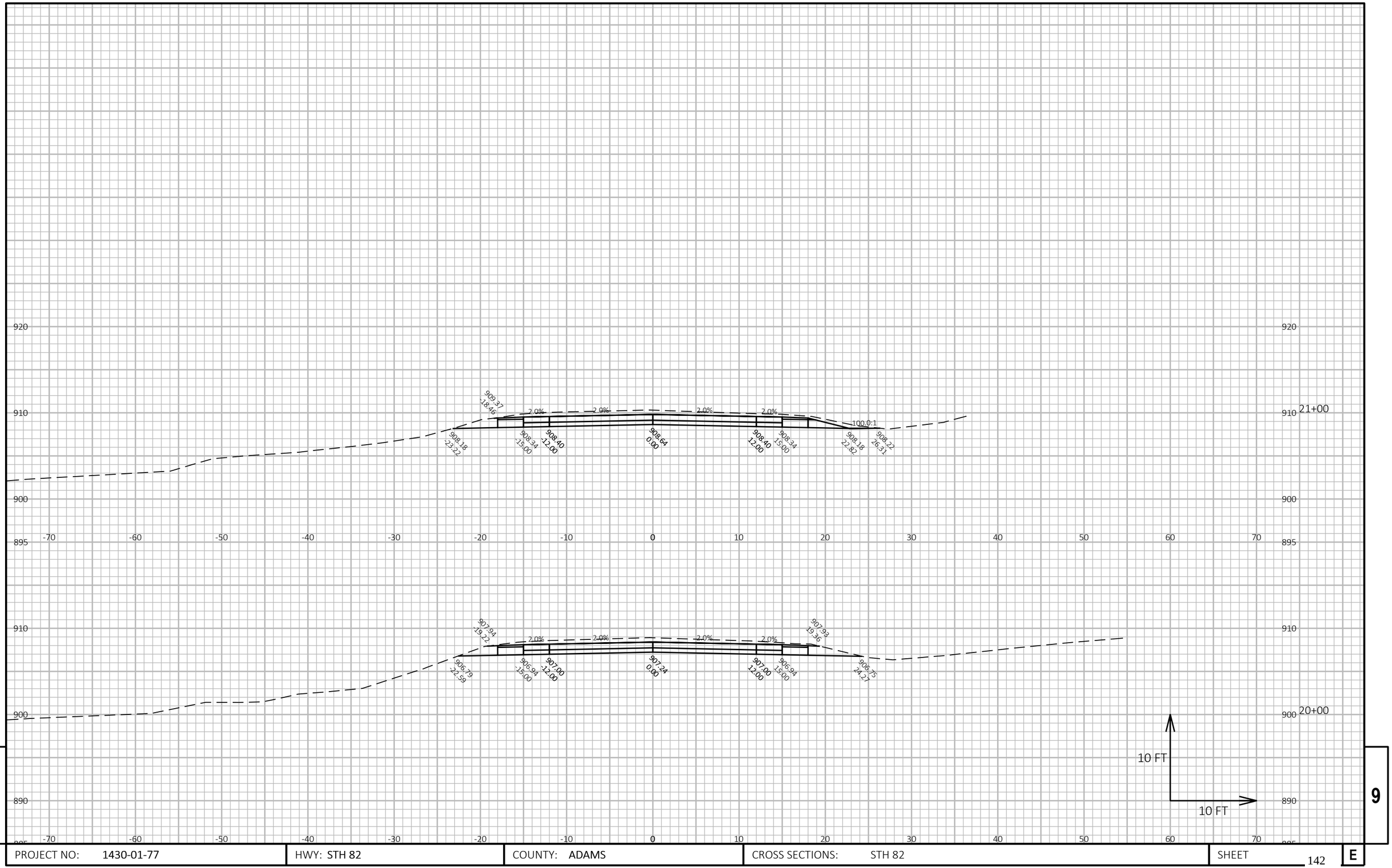


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 141	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 06

PLOT DATE : 12/15/2020 2:39 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

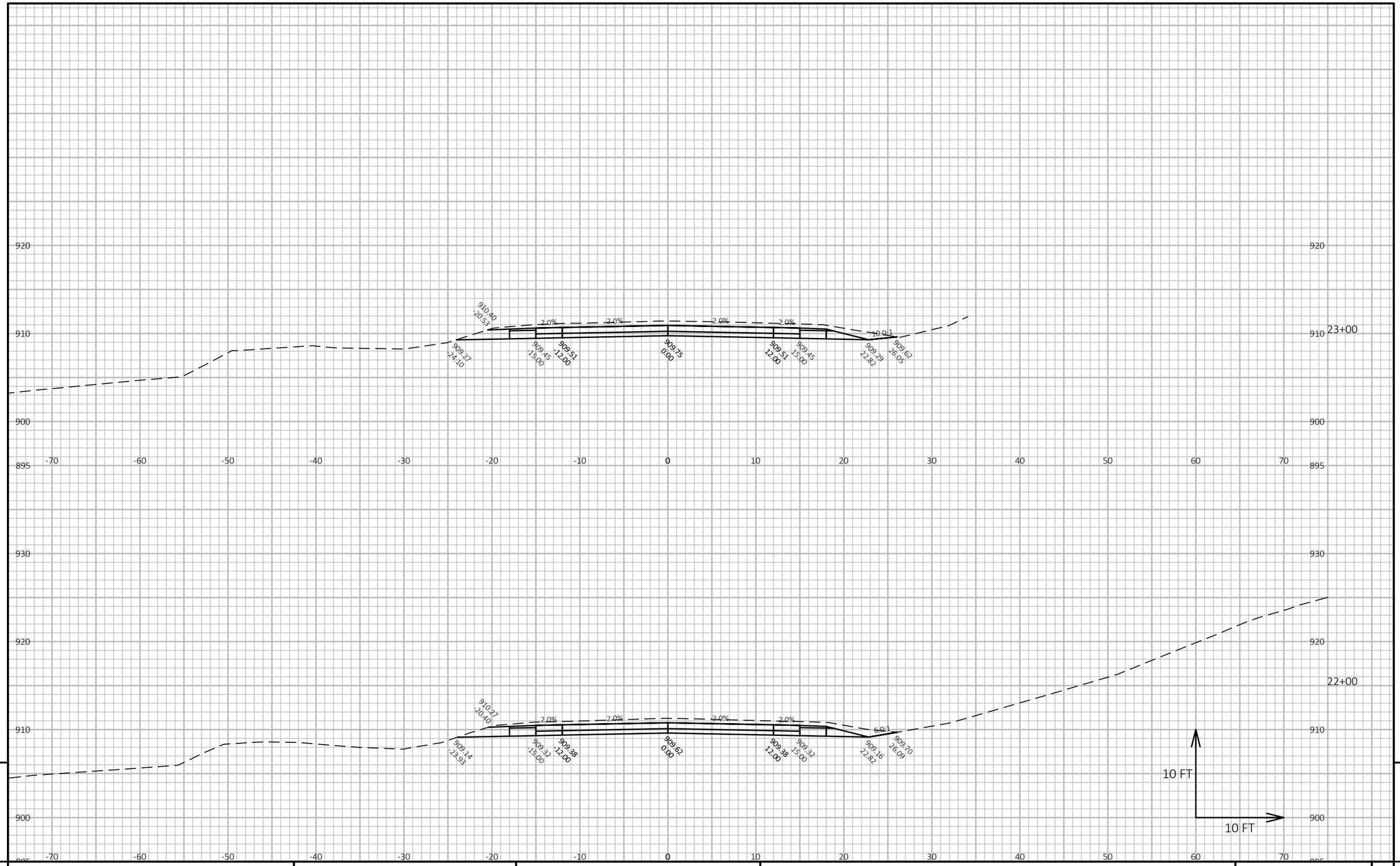


9	PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 142 E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 07

PLOT DATE : 12/15/2020 2:40 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

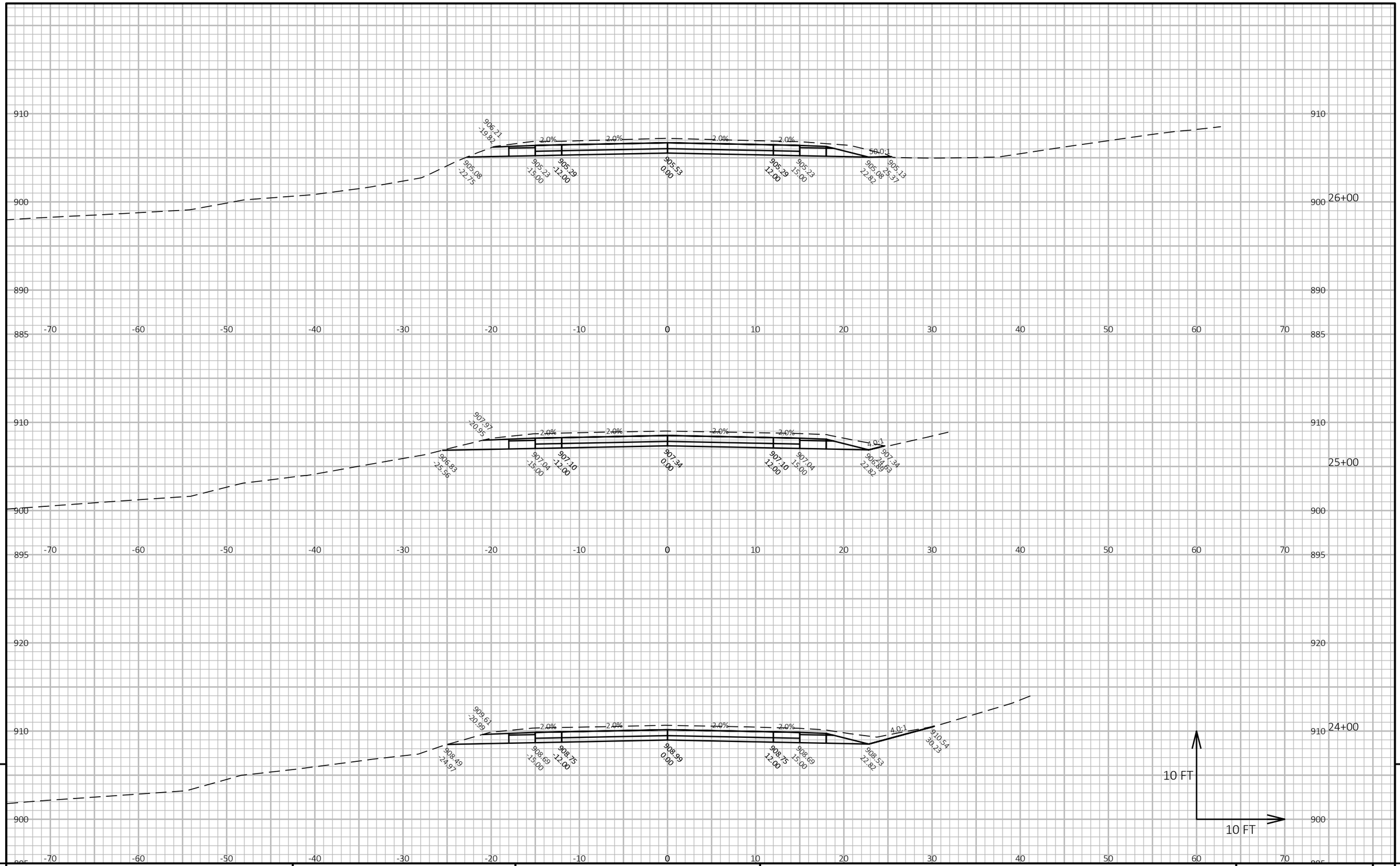
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 143	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 08

PLOT DATE : 12/15/2020 2:41 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49

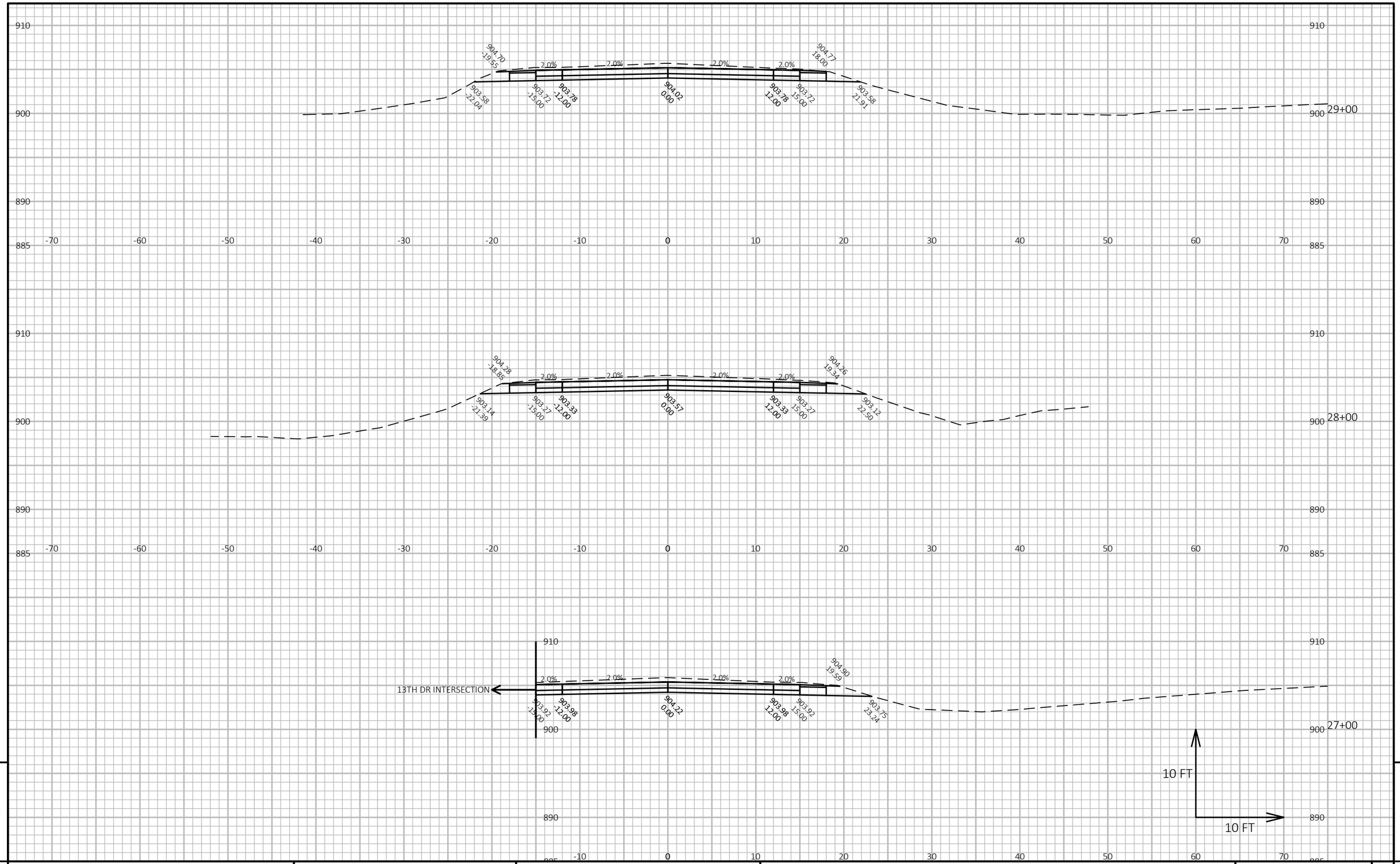


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 144 E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 09

PLOT DATE : 12/15/2020 2:42 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

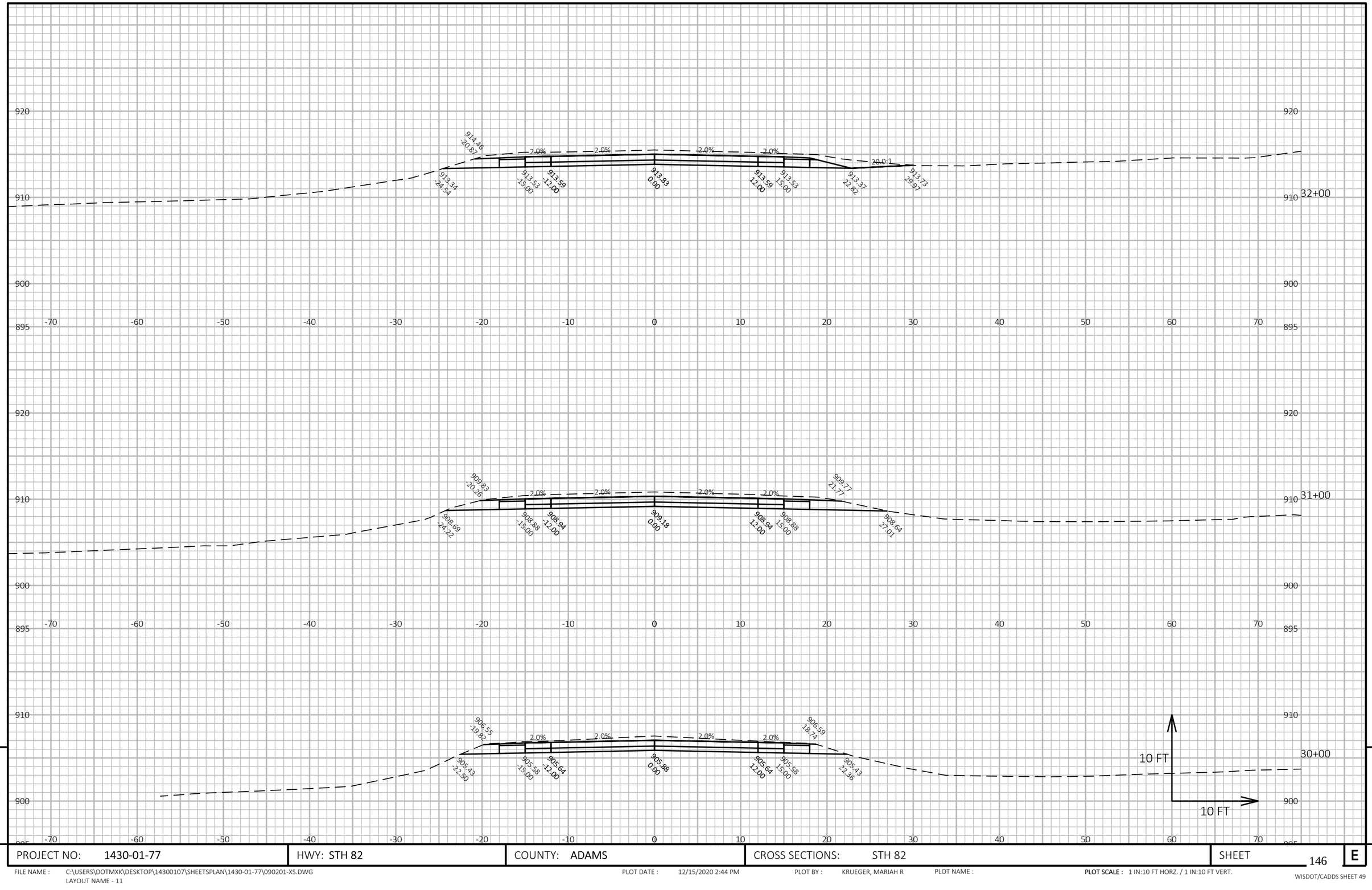


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 145	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 10

PLOT DATE : 12/15/2020 2:43 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



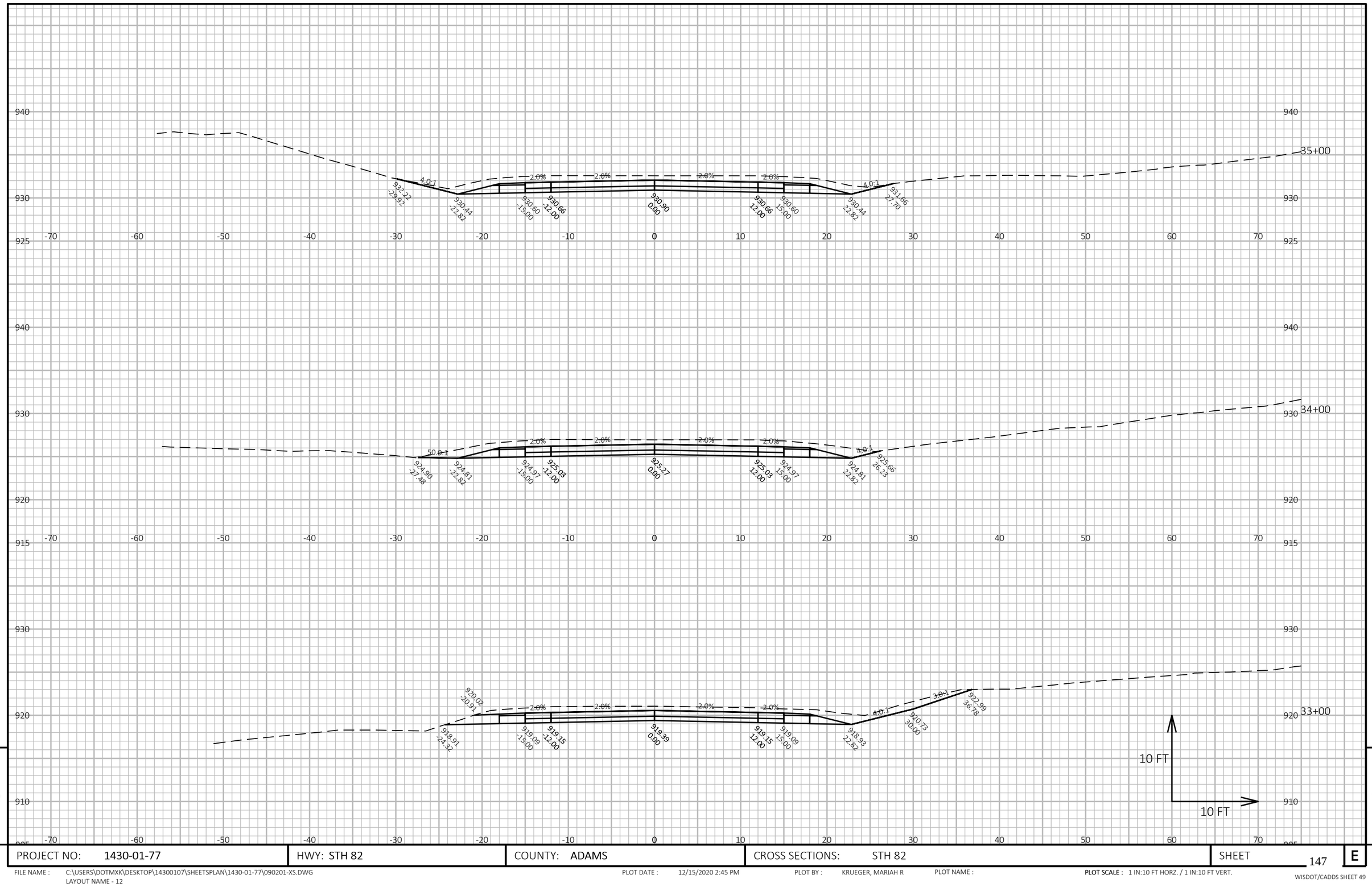
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 146	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 11

PLOT DATE : 12/15/2020 2:44 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9

9

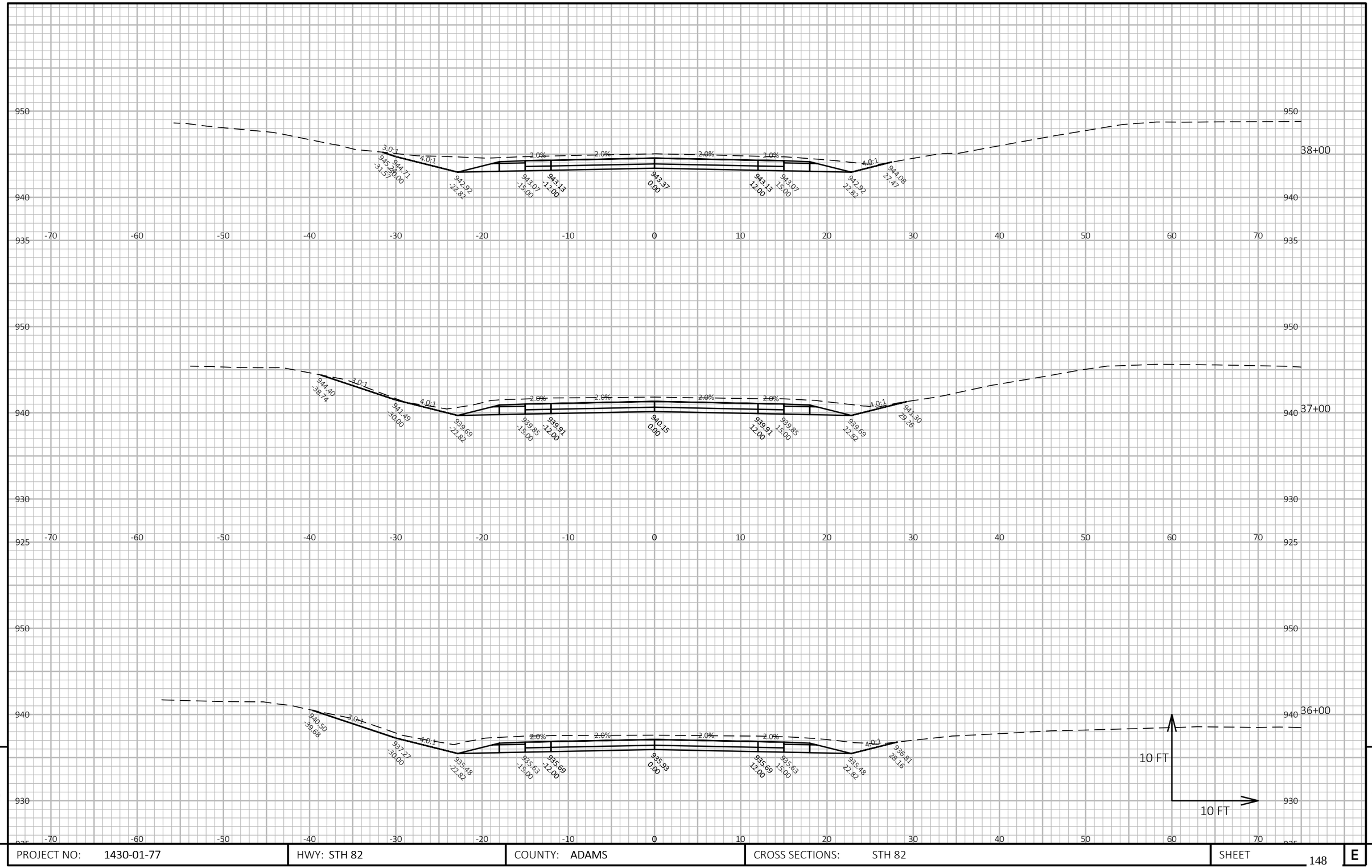
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 147	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 12

PLOT DATE : 12/15/2020 2:45 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9

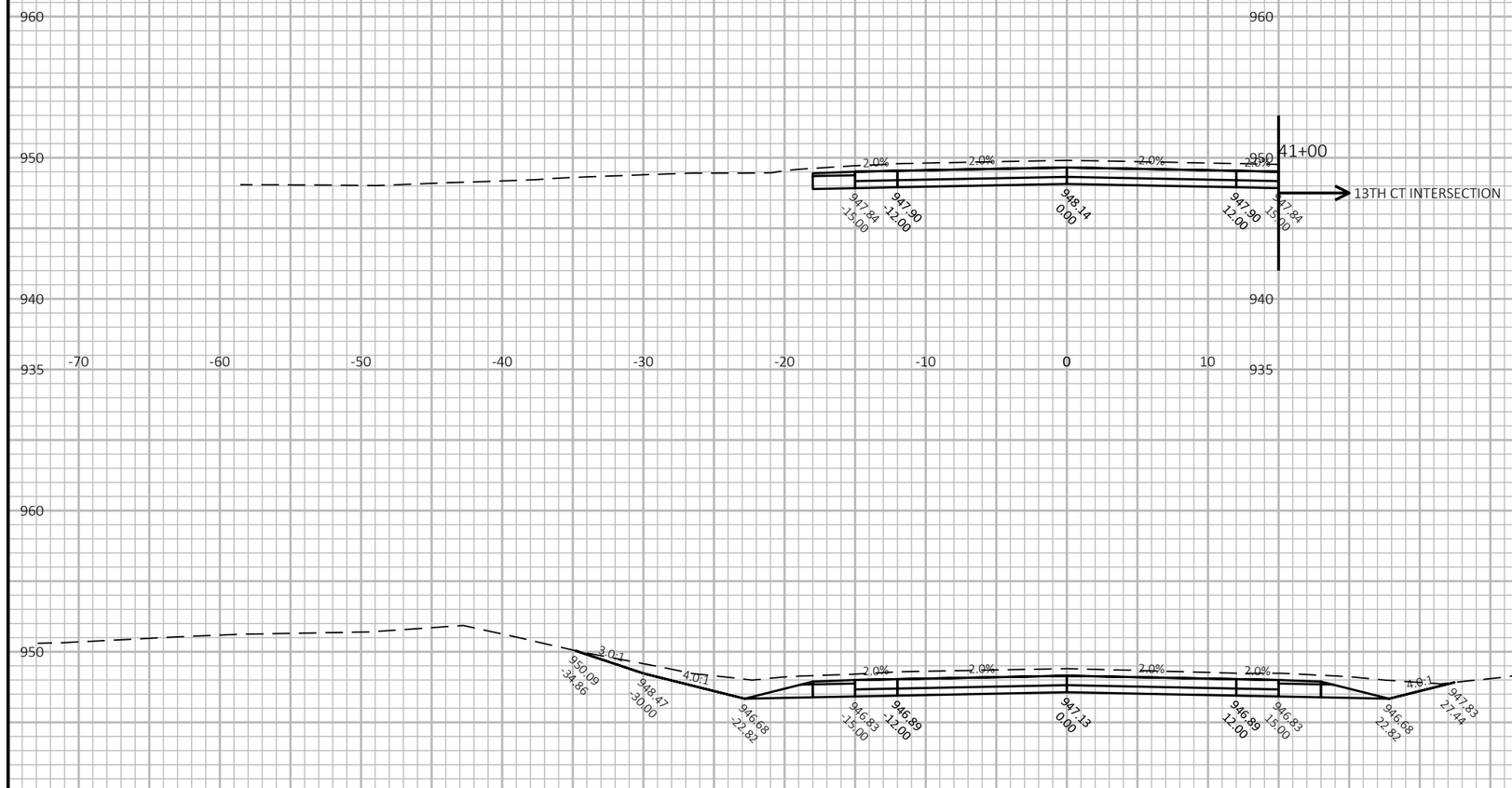
9

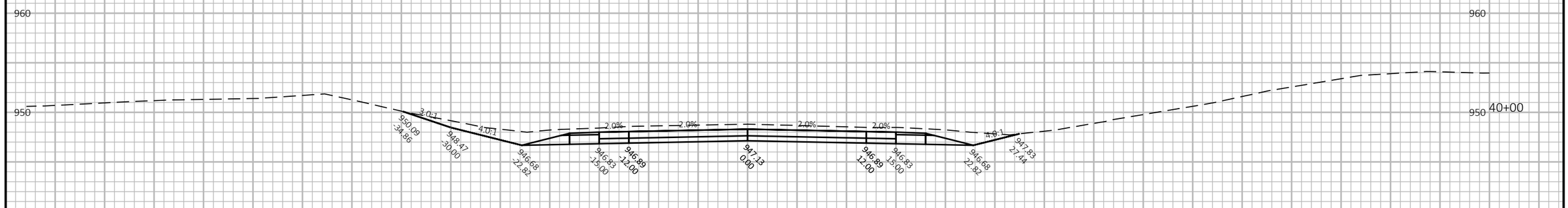
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 148	E

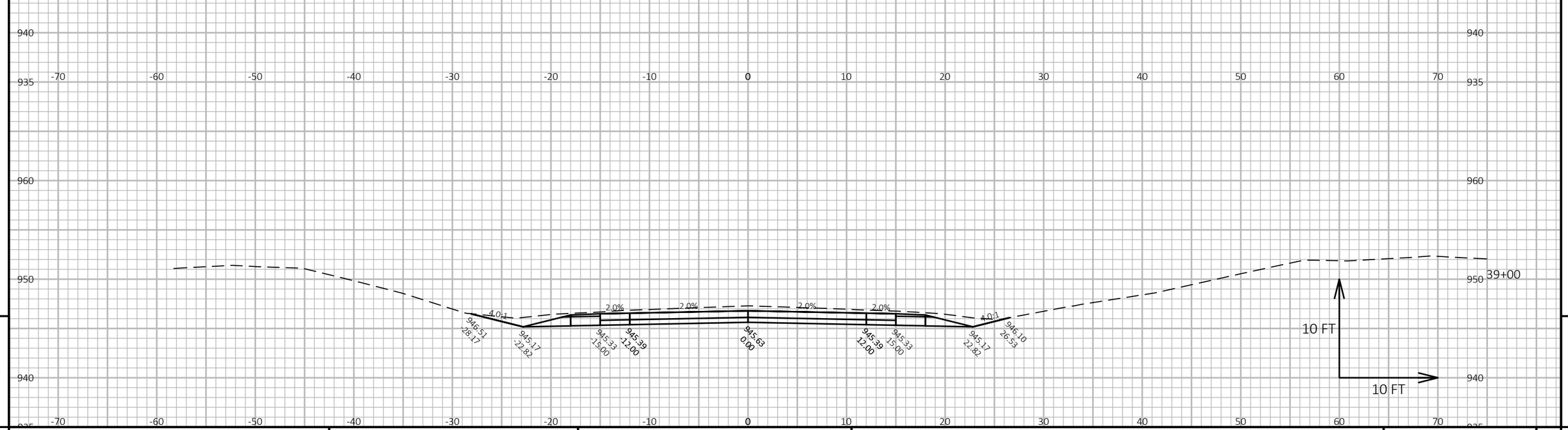
FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 13

PLOT DATE : 12/15/2020 2:46 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







9

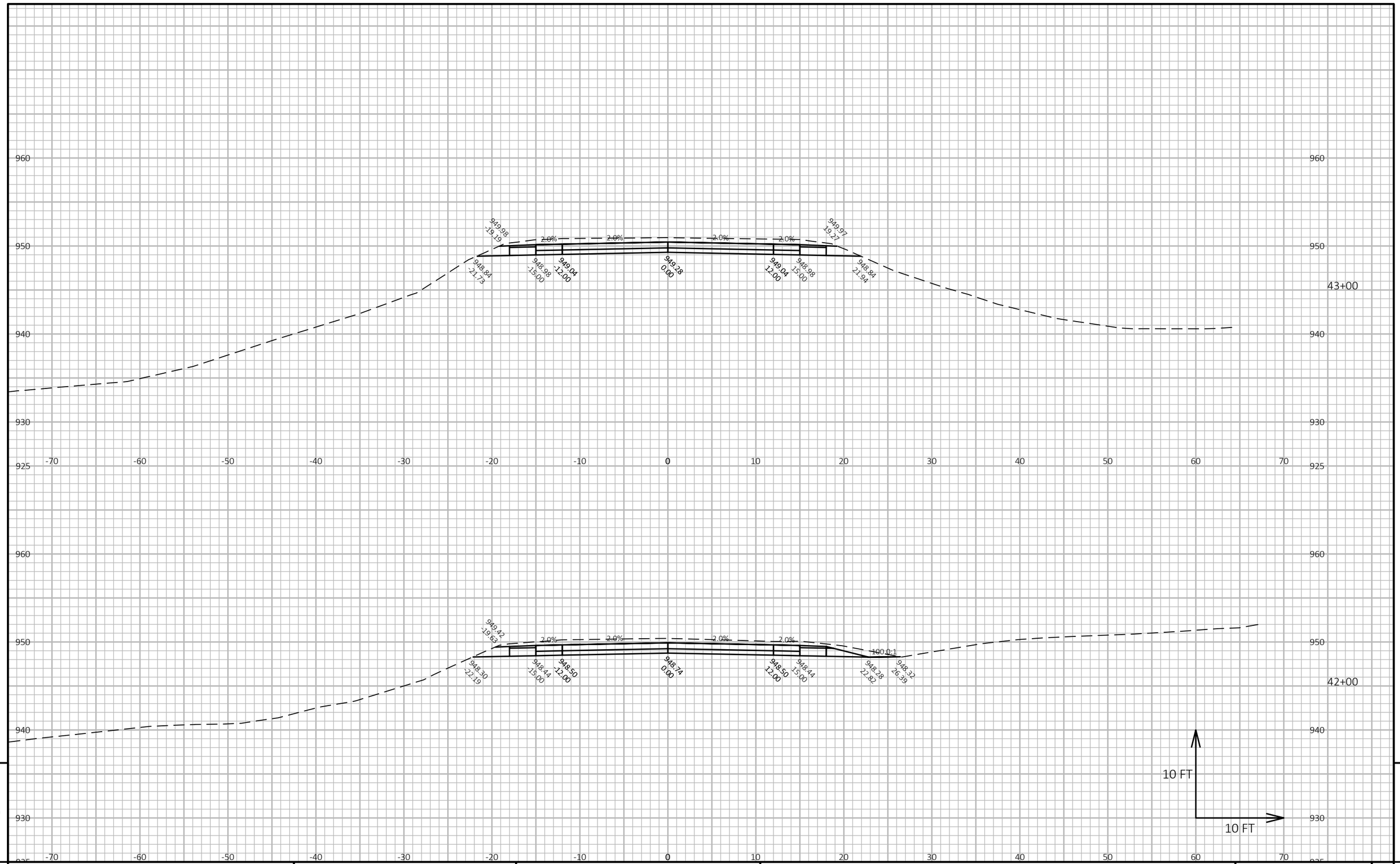
9

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 149	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 14

PLOT DATE : 12/15/2020 2:47 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

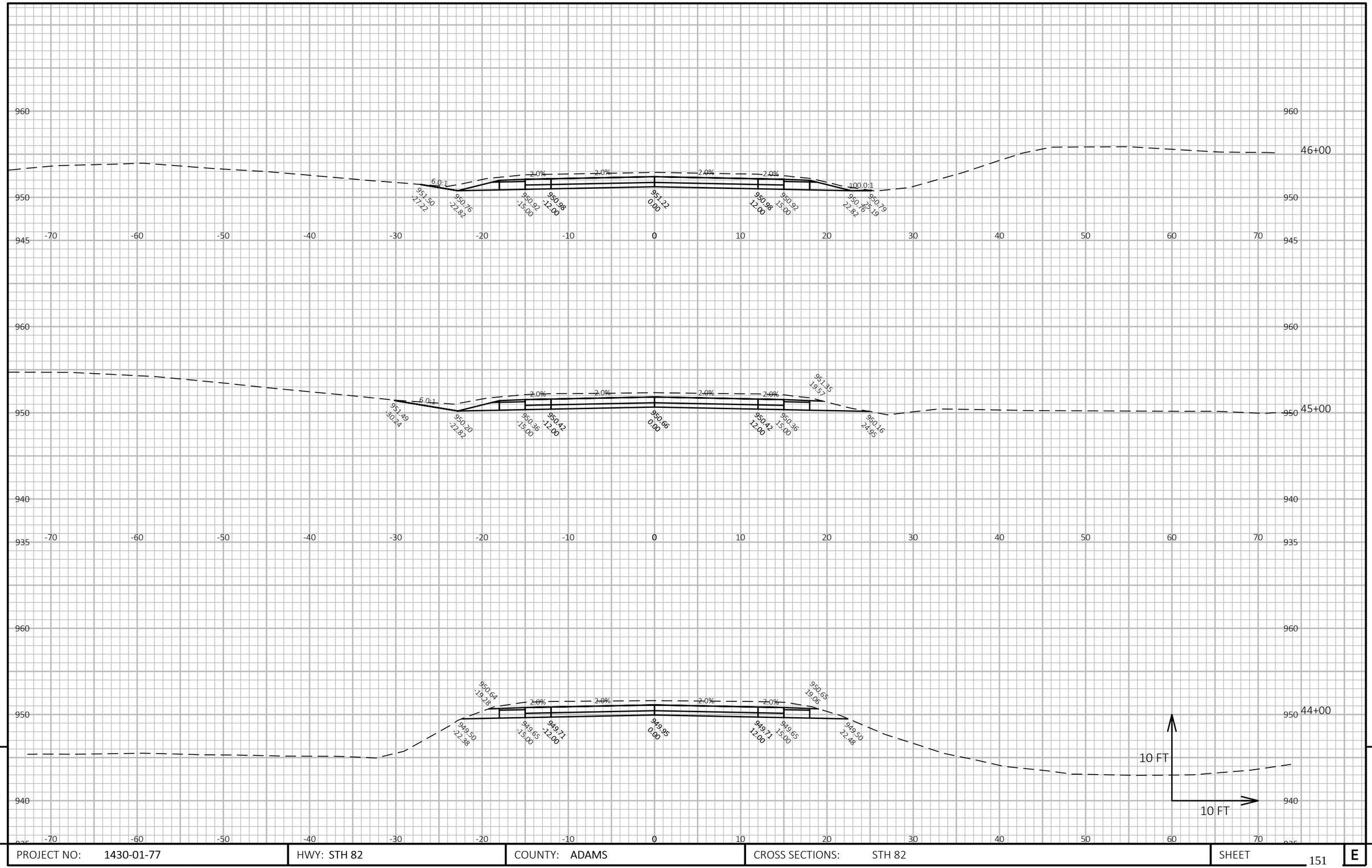
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 150	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 15

PLOT DATE : 12/15/2020 2:48 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49

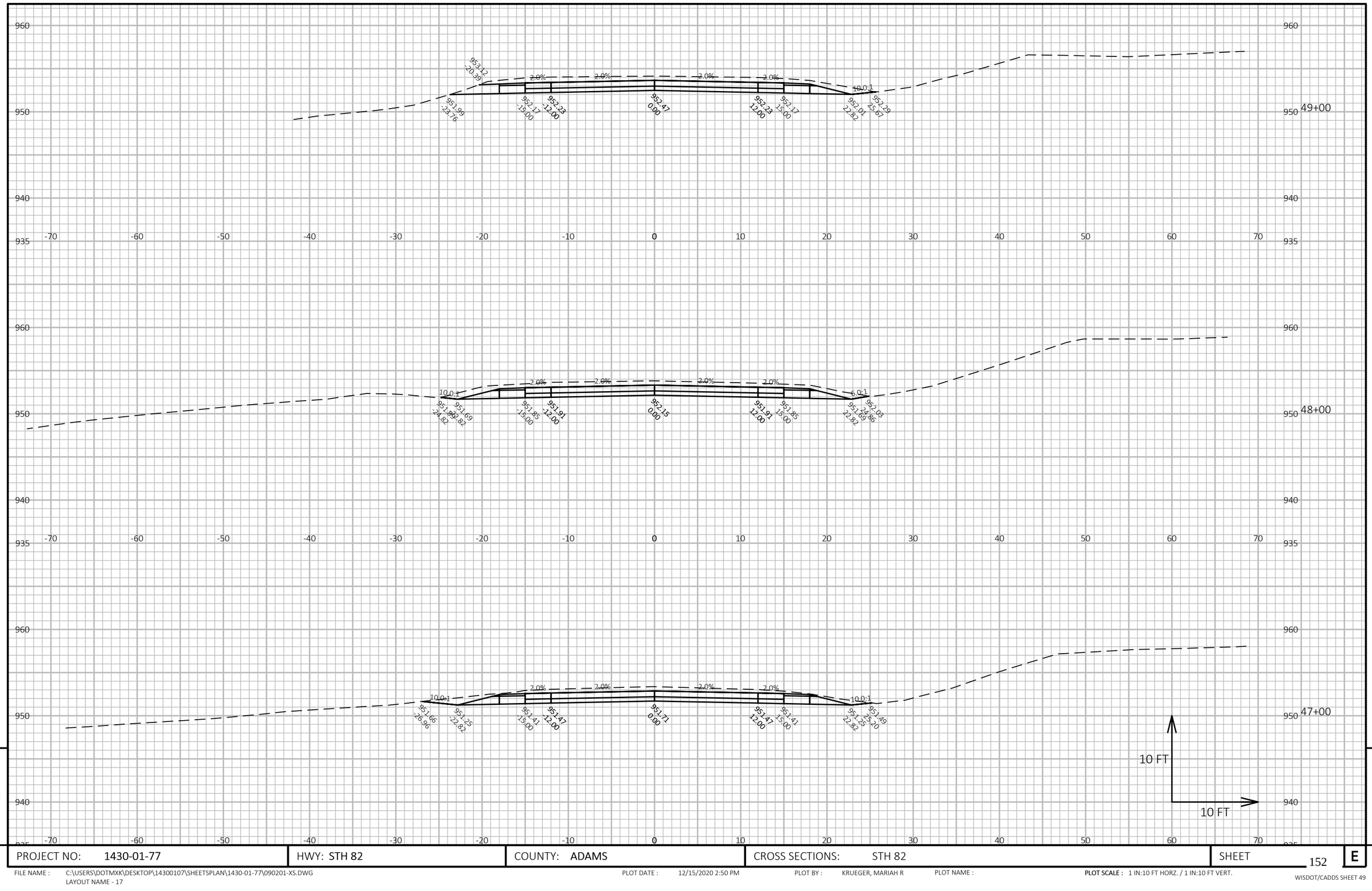


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 151	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 16

PLOT DATE : 12/15/2020 2:49 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

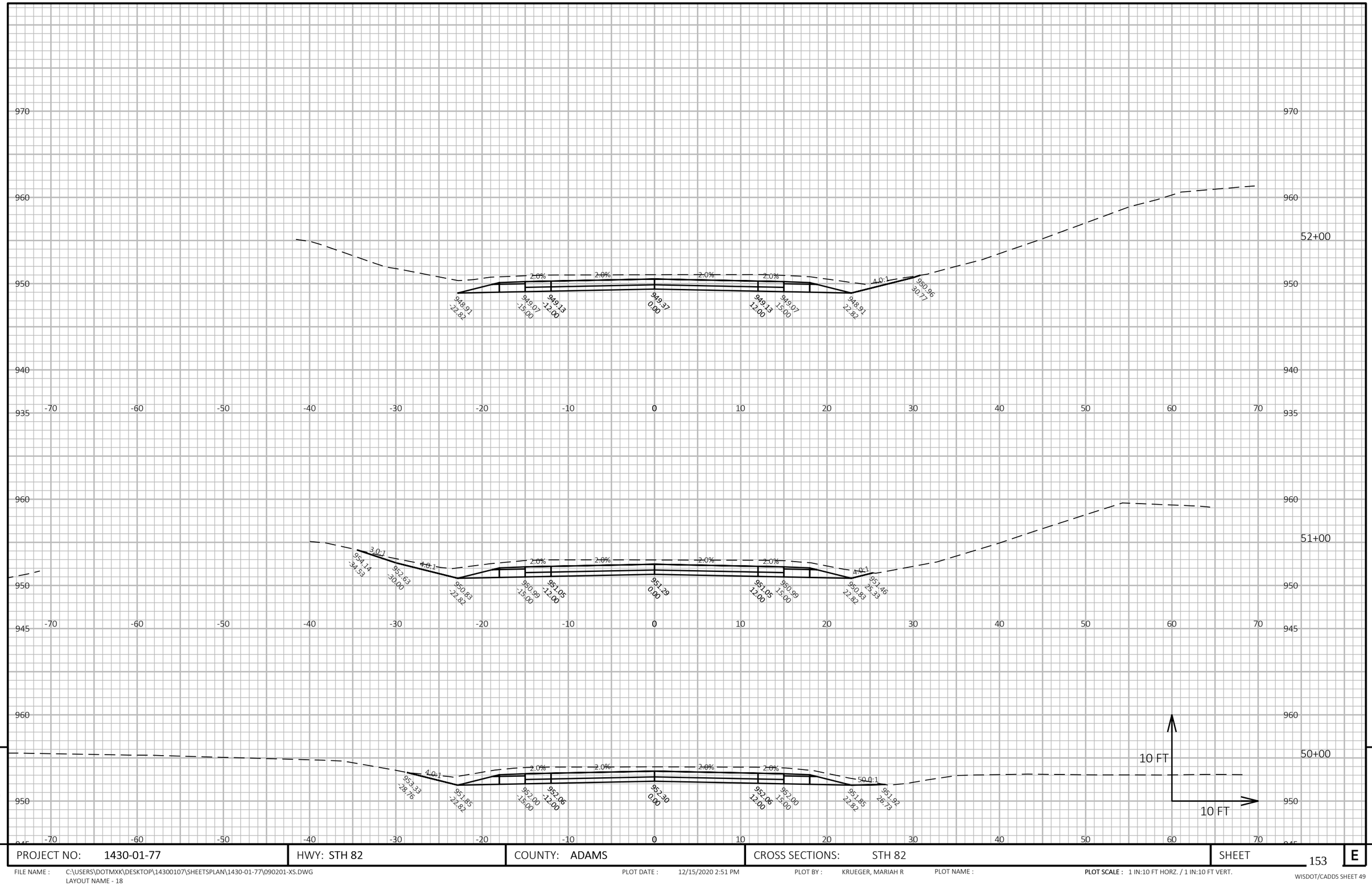
9

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 152	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 17

PLOT DATE : 12/15/2020 2:50 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

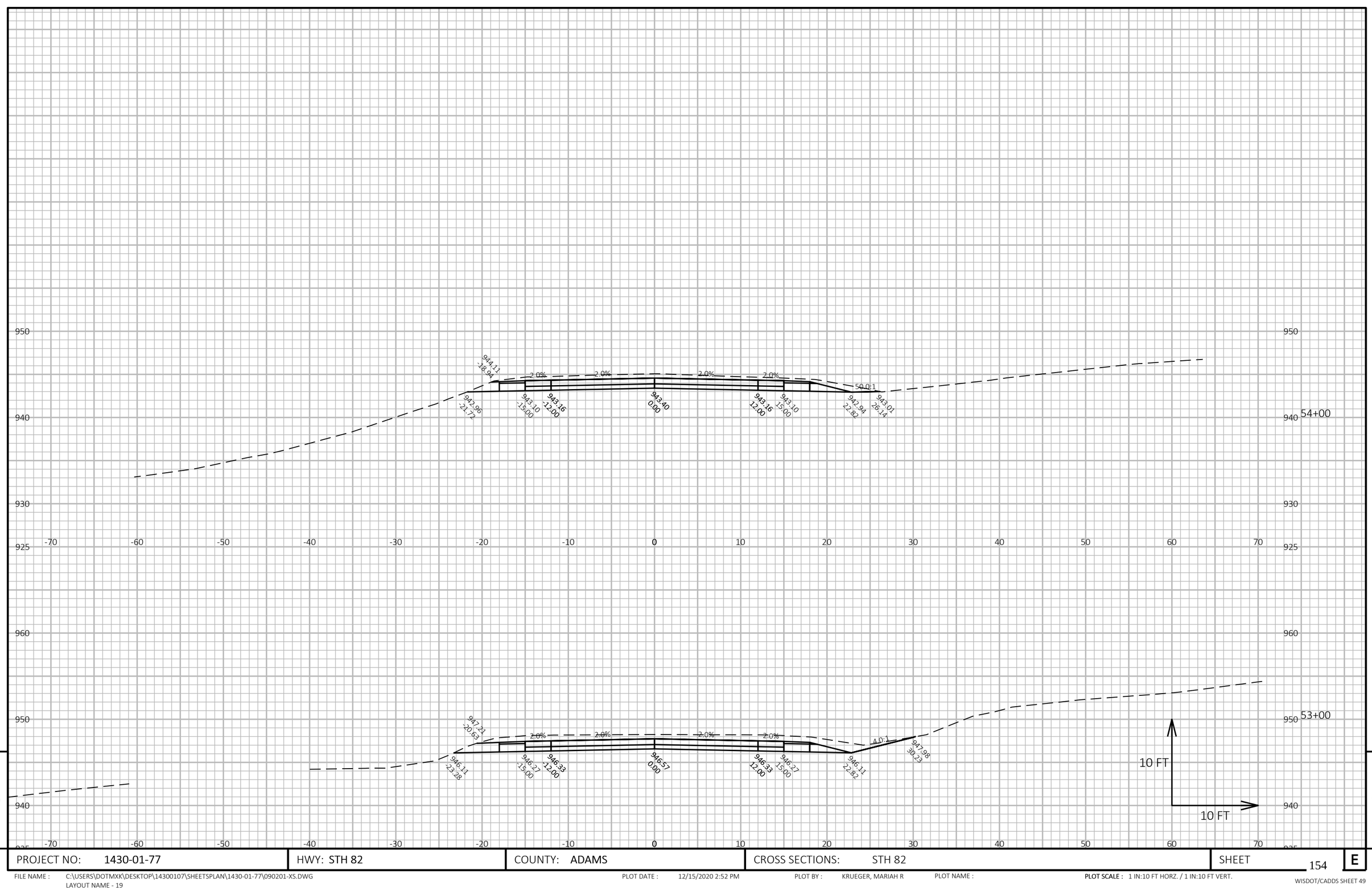
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 153	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 18

PLOT DATE : 12/15/2020 2:51 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

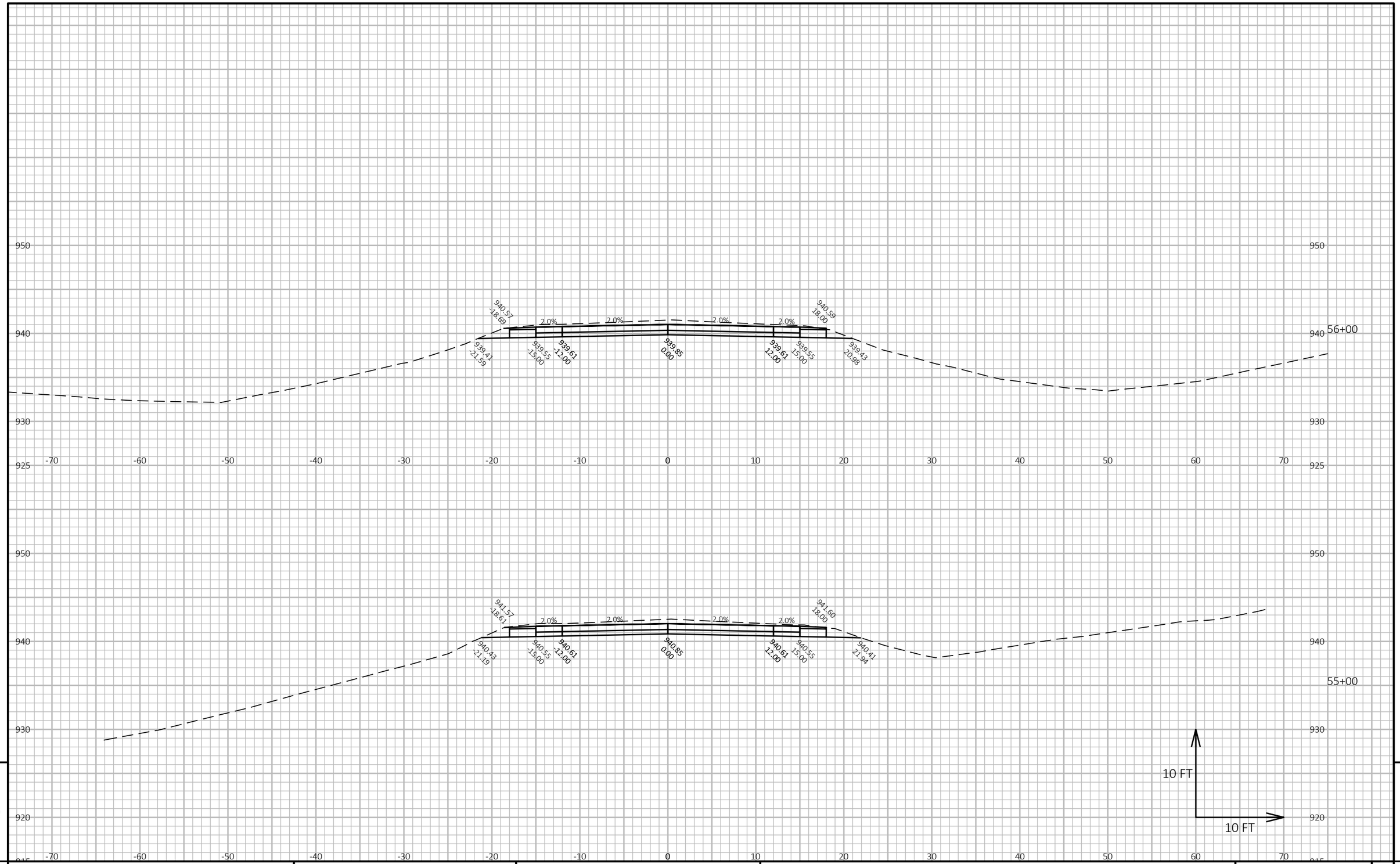
WISDOT/CADDS SHEET 49



PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 154	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 19

PLOT DATE : 12/15/2020 2:52 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



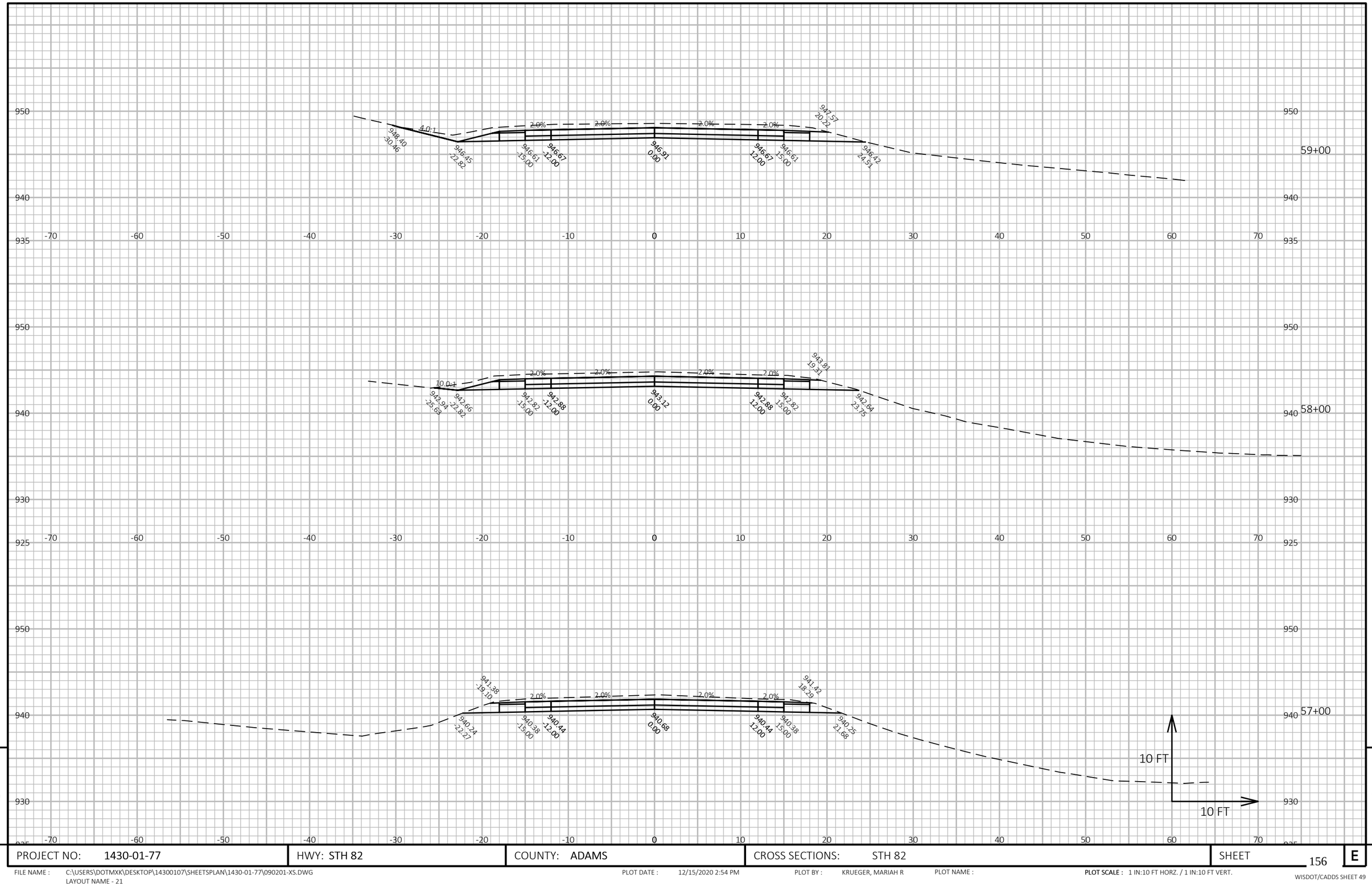
9

9

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 155	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 20

PLOT DATE : 12/15/2020 2:53 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

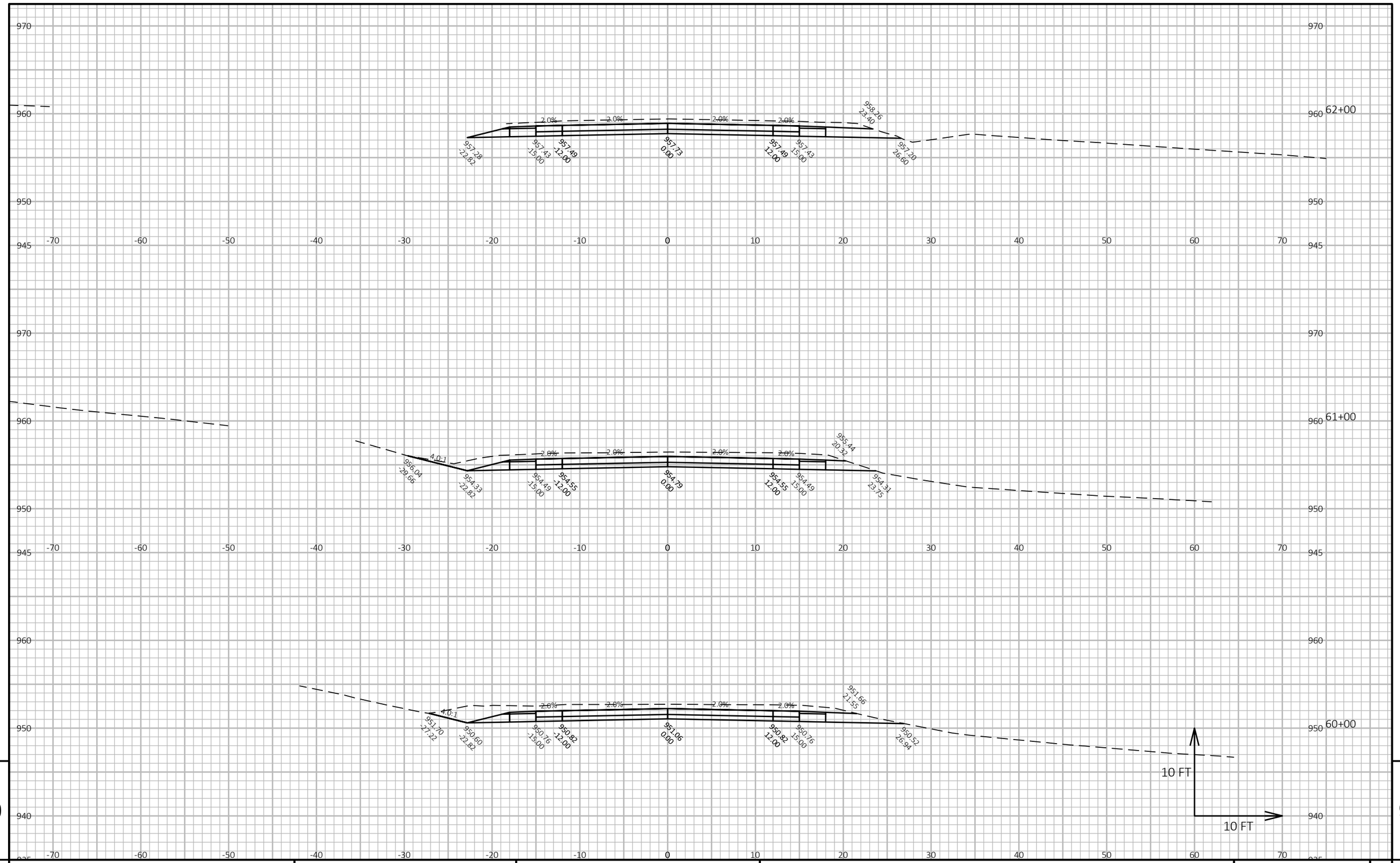
9

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 156	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 21

PLOT DATE : 12/15/2020 2:54 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

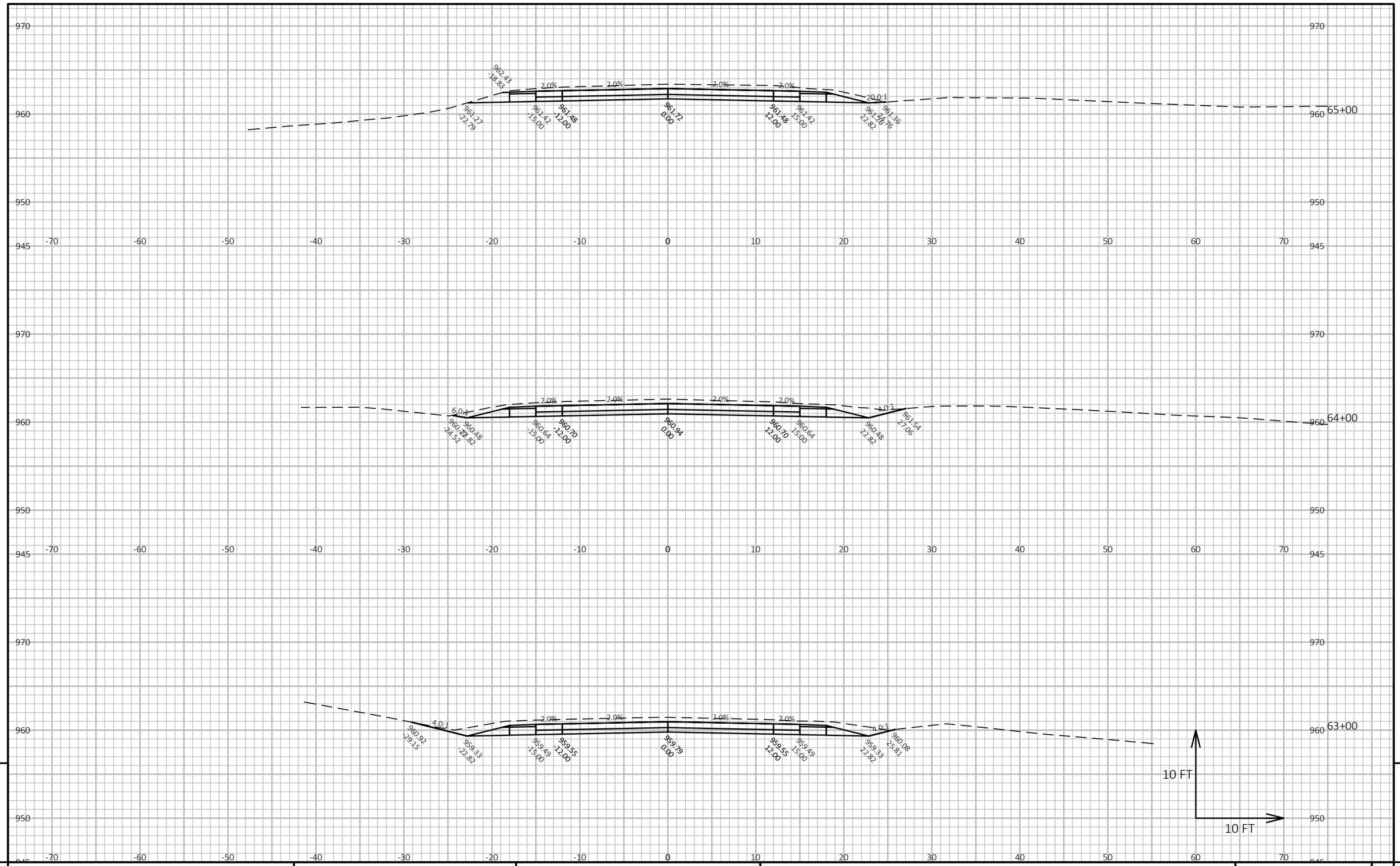
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 157	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 22

PLOT DATE : 12/15/2020 2:55 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



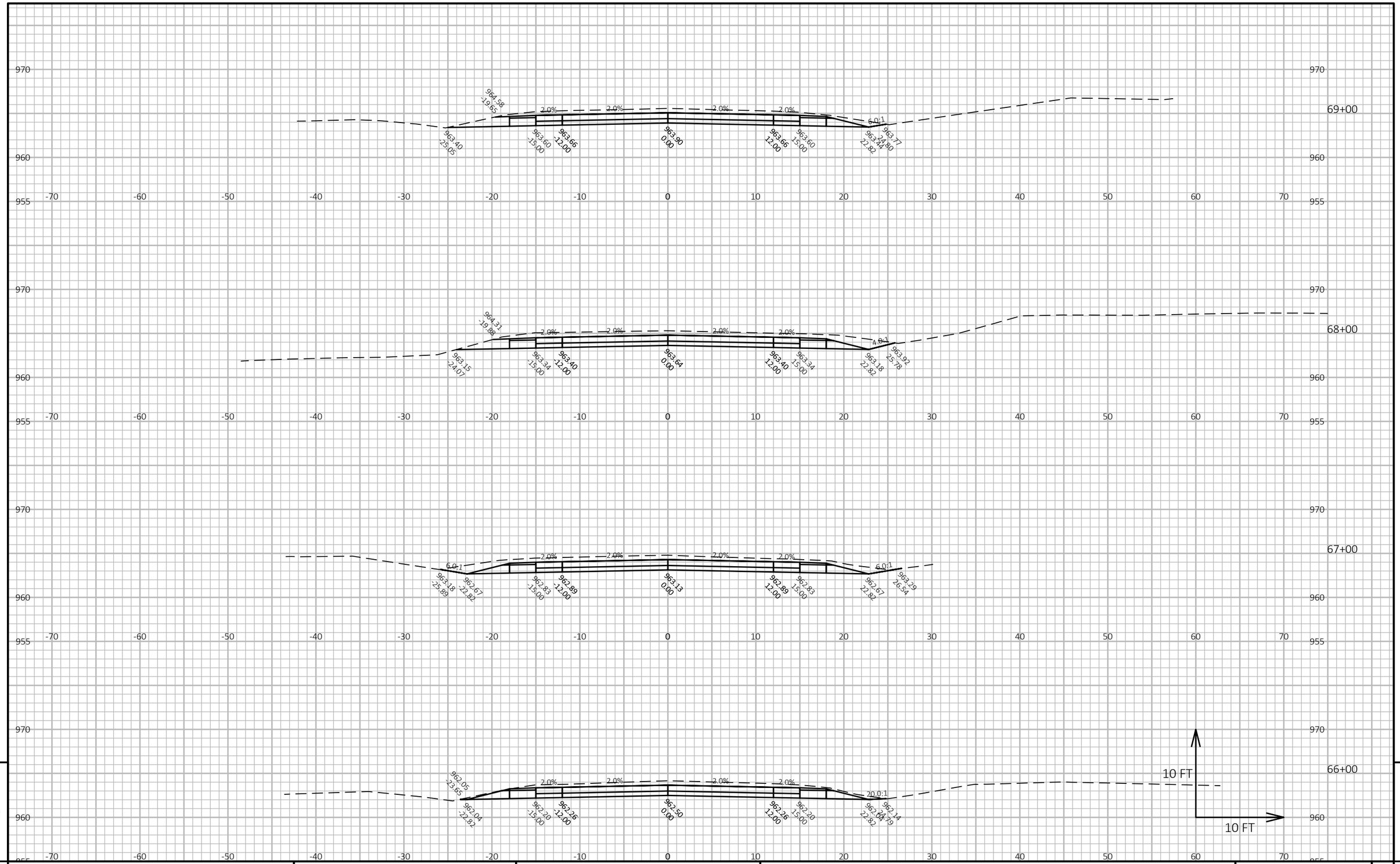
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 158 E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 23

PLOT DATE : 12/15/2020 2:55 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9

9

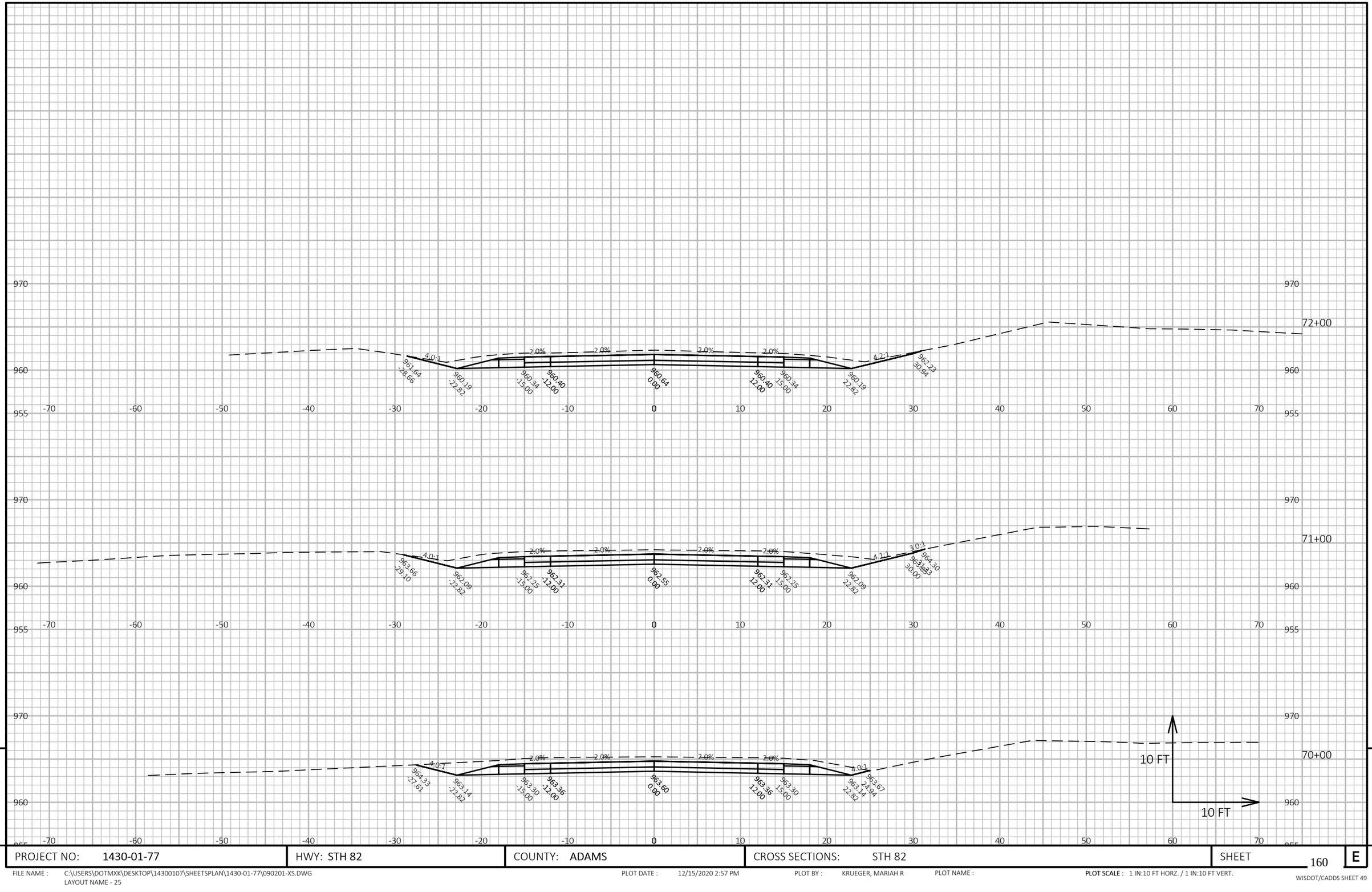
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 159	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 24

PLOT DATE : 12/15/2020 2:56 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49


72+00
71+00
70+00
970
960
955
-70
-60
-50
-40
-30
-20
-10
0
10
20
30
40
50
60
70
4.0:1
2.0%
961.64
-28.66
960.19
-22.82
960.34
-15.00
960.40
-12.00
960.64
0.00
960.40
12.00
960.34
15.00
960.19
22.82
962.23
30.94
963.66
-29.10
962.09
-22.82
962.25
-15.00
962.31
-12.00
962.55
0.00
962.31
12.00
962.25
15.00
962.09
22.82
4.2:1
3.0:1
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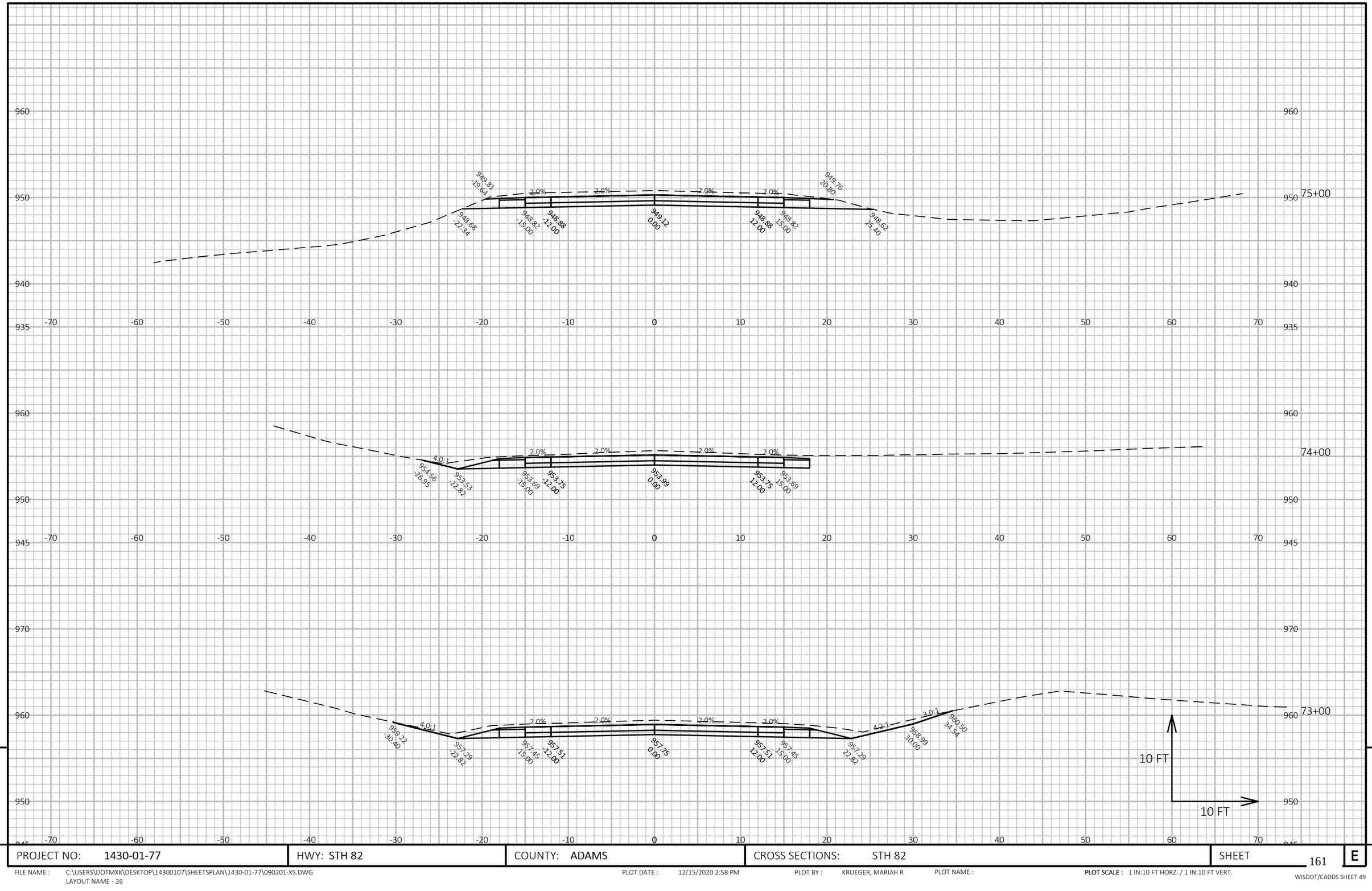
30.00
964.33
964.33
964.33



9

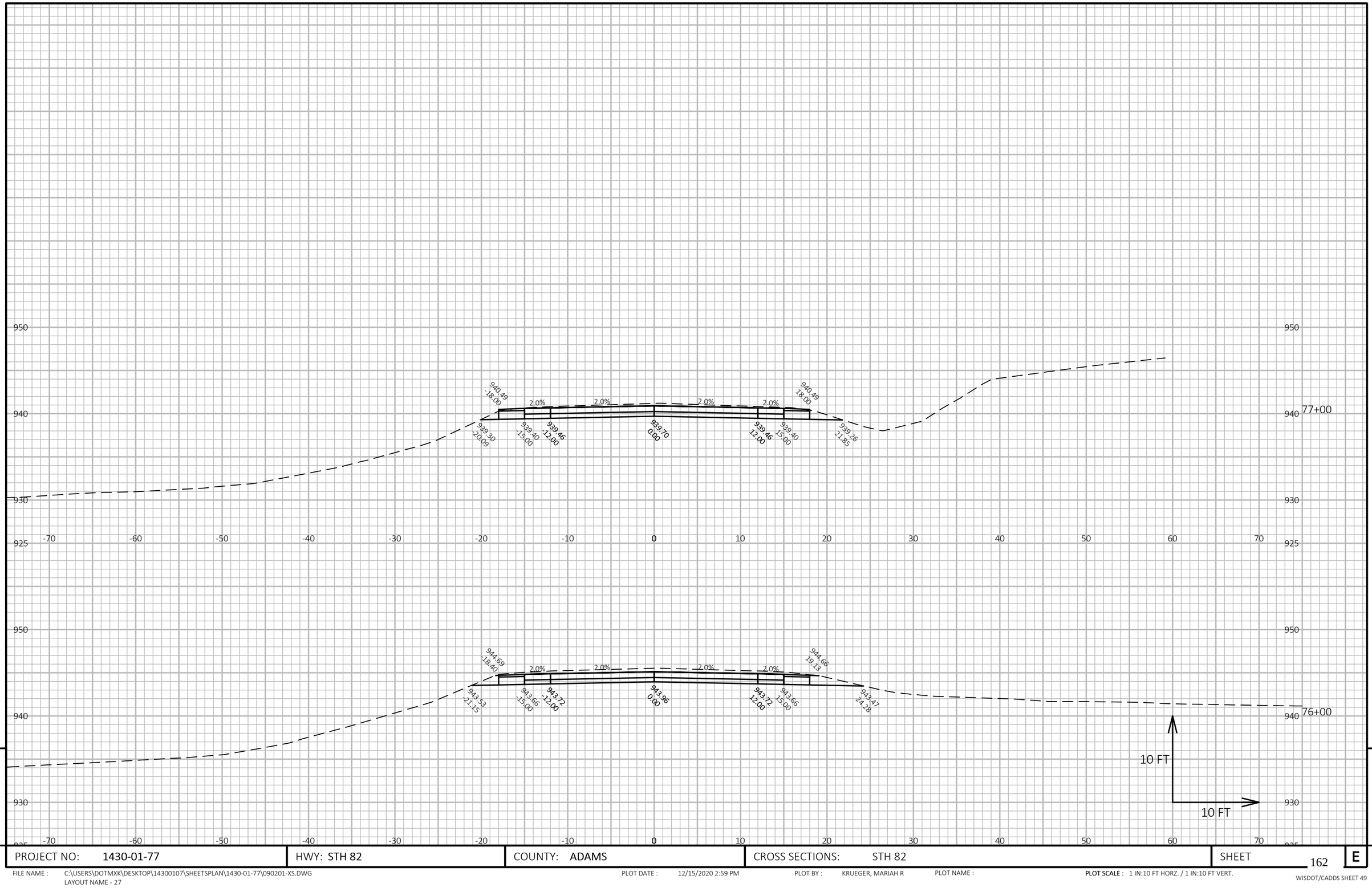
9

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 161	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 26

PLOT DATE : 12/15/2020 2:58 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

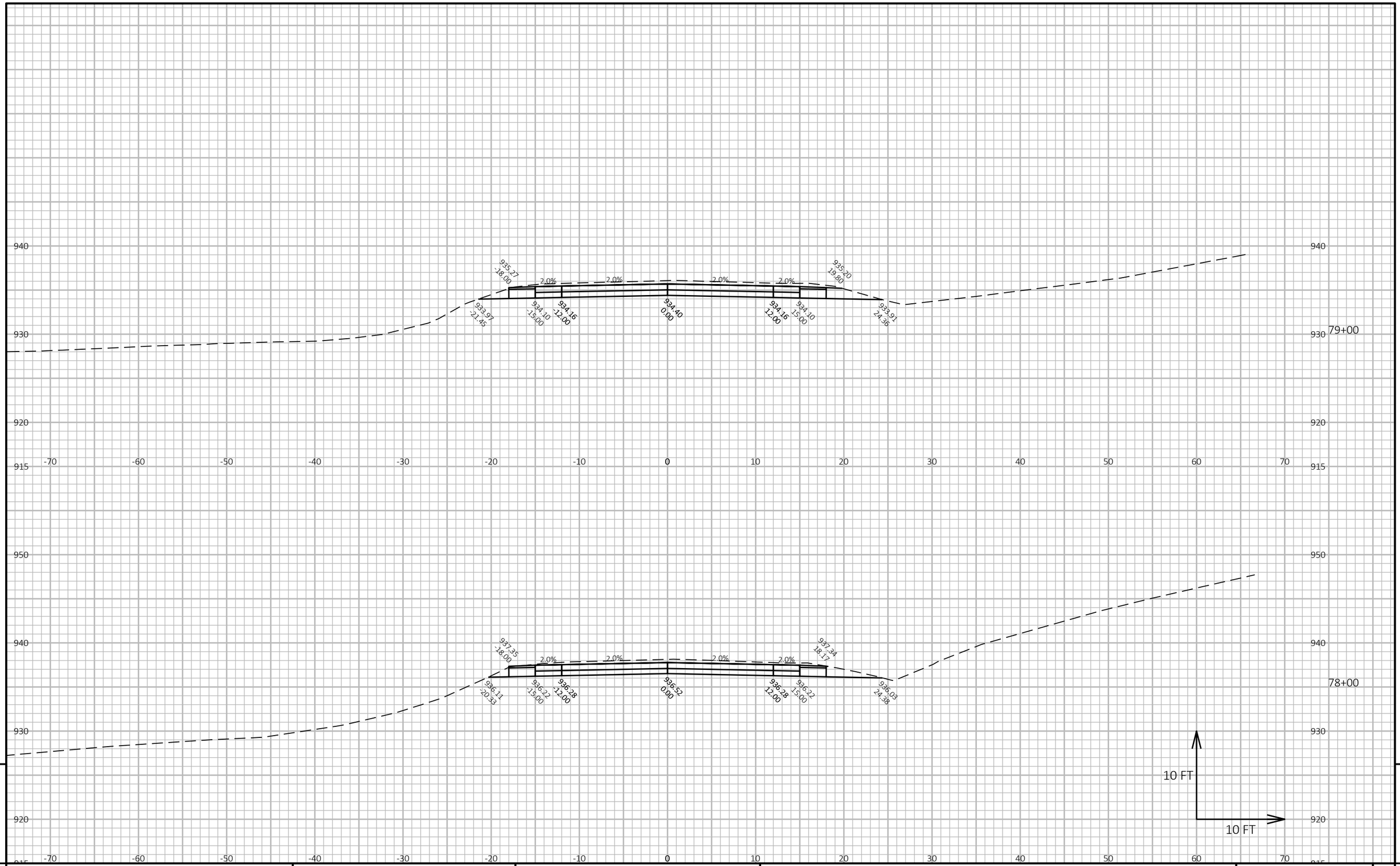


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 162	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 27

PLOT DATE : 12/15/2020 2:59 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

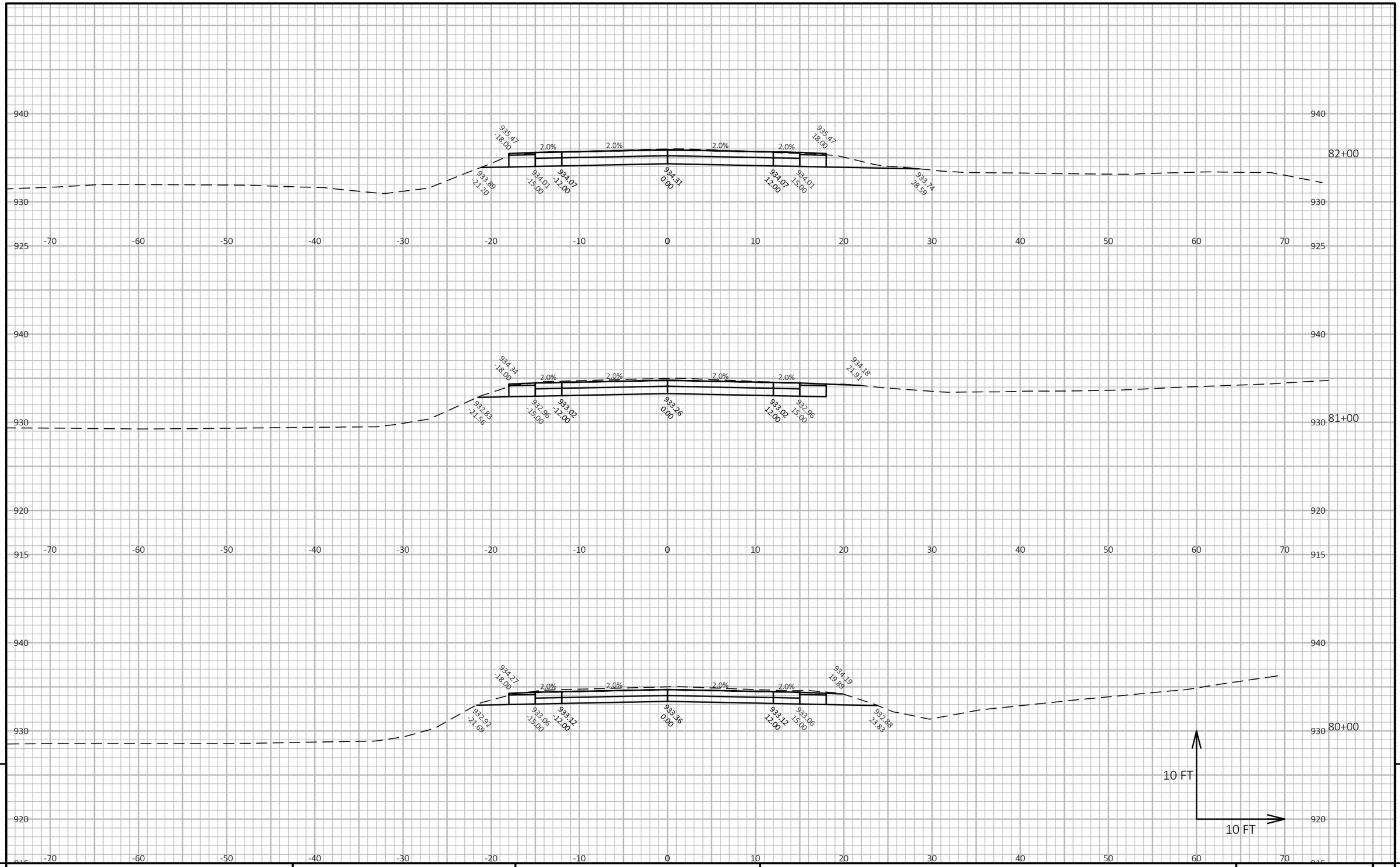


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 163	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 28

PLOT DATE : 12/15/2020 3:00 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



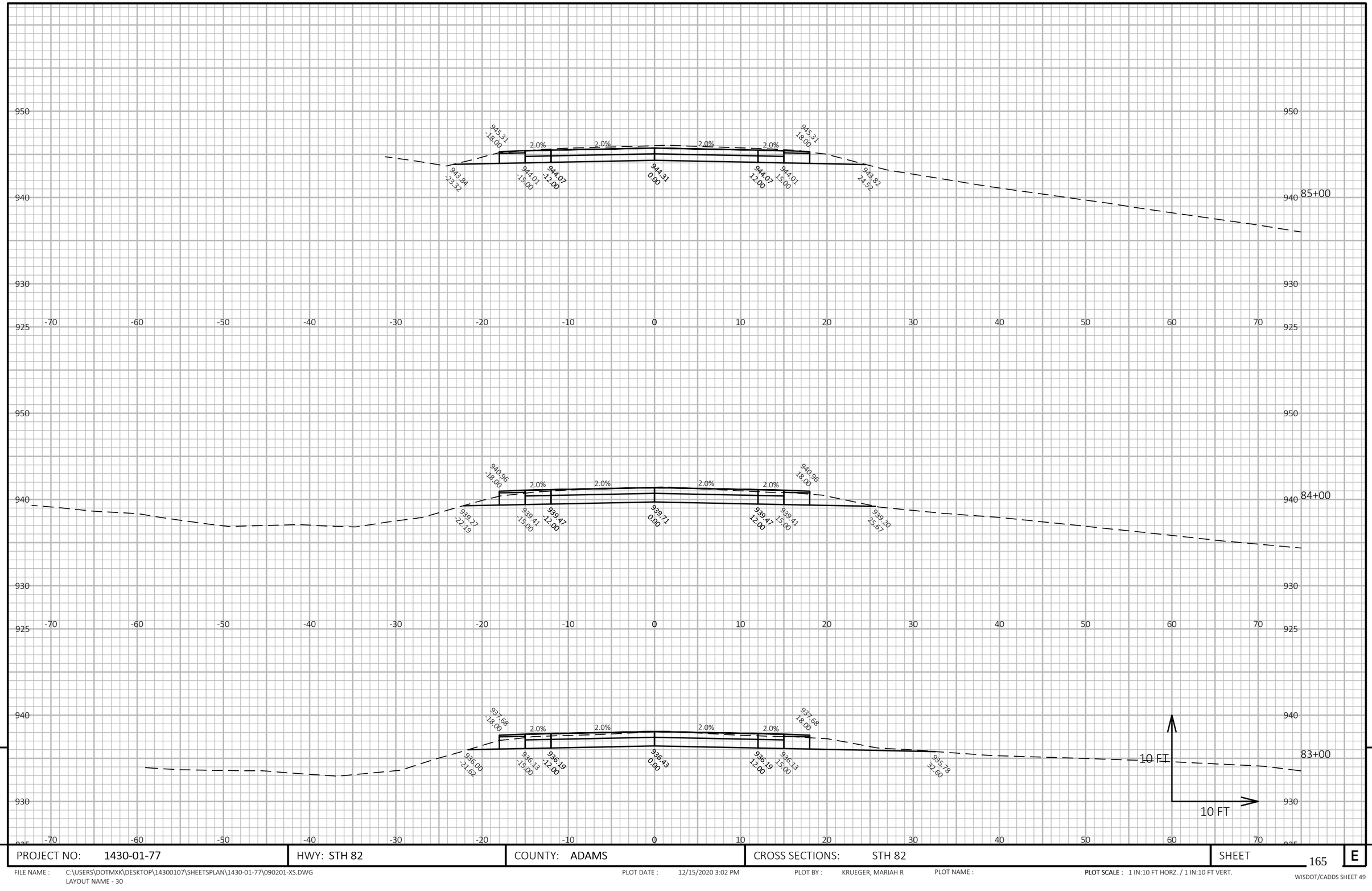
9 9

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 164 E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 29

PLOT DATE : 12/15/2020 3:01 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



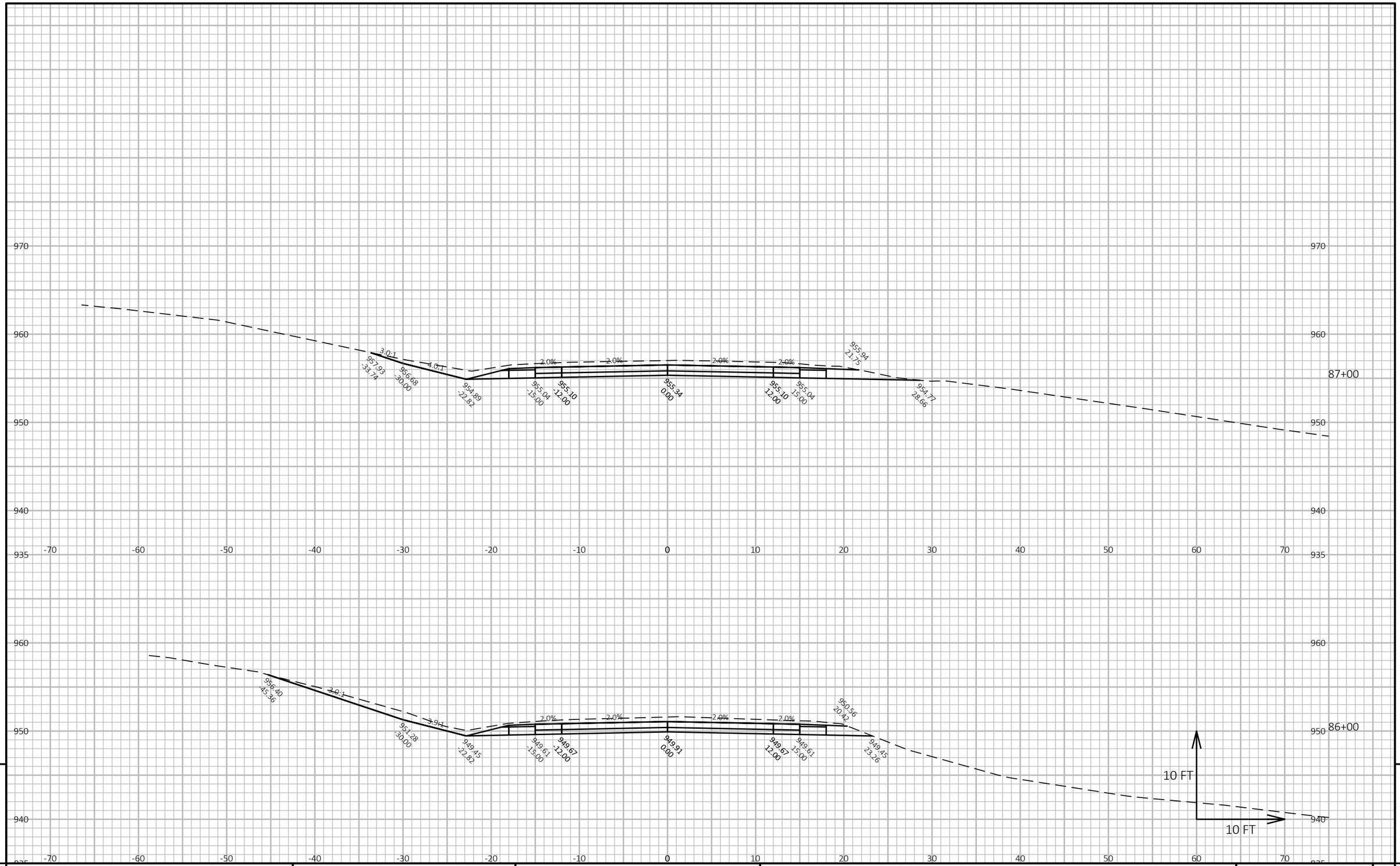
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 165	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 30

PLOT DATE : 12/15/2020 3:02 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



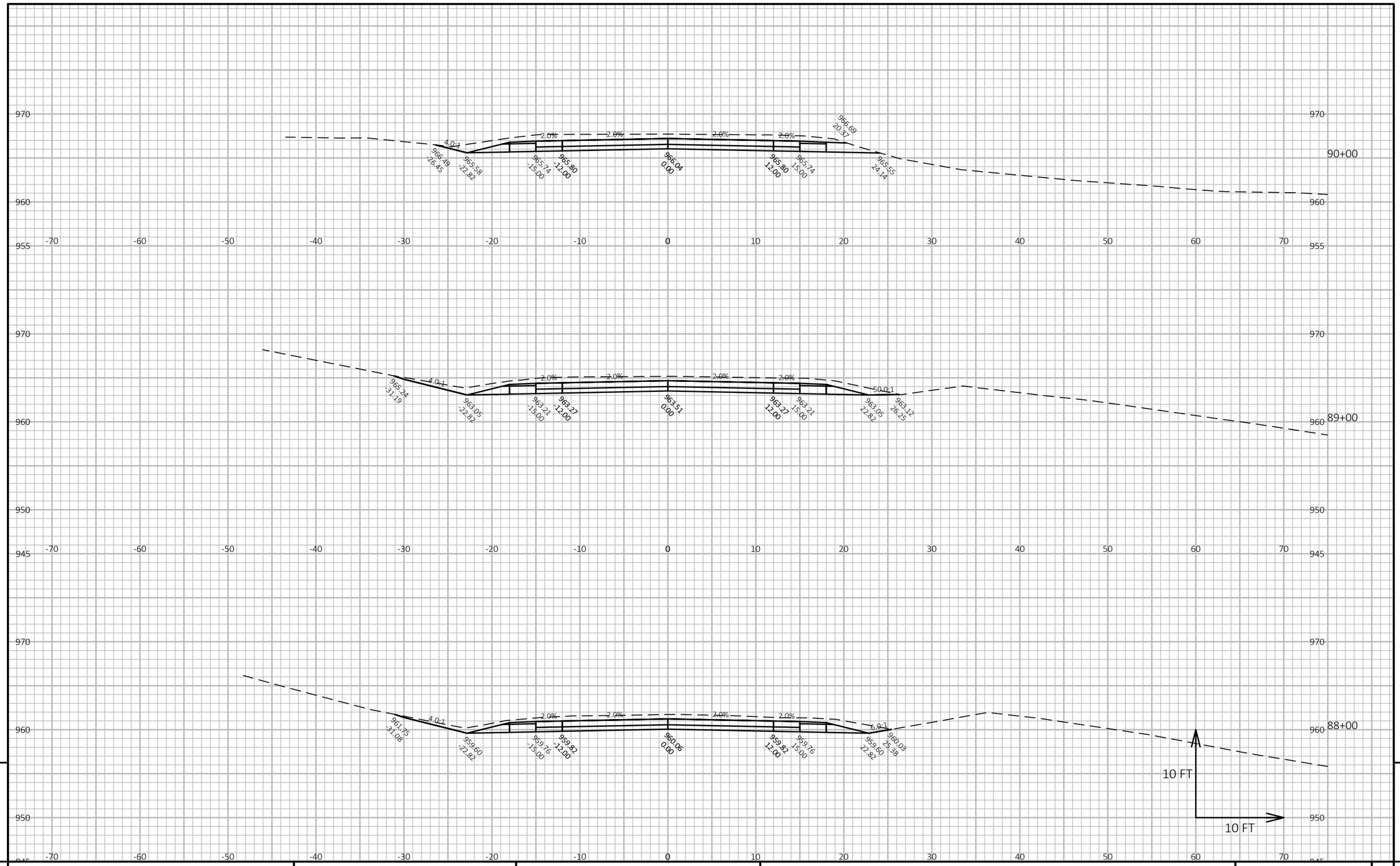
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 166	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 31

PLOT DATE : 12/15/2020 3:03 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49

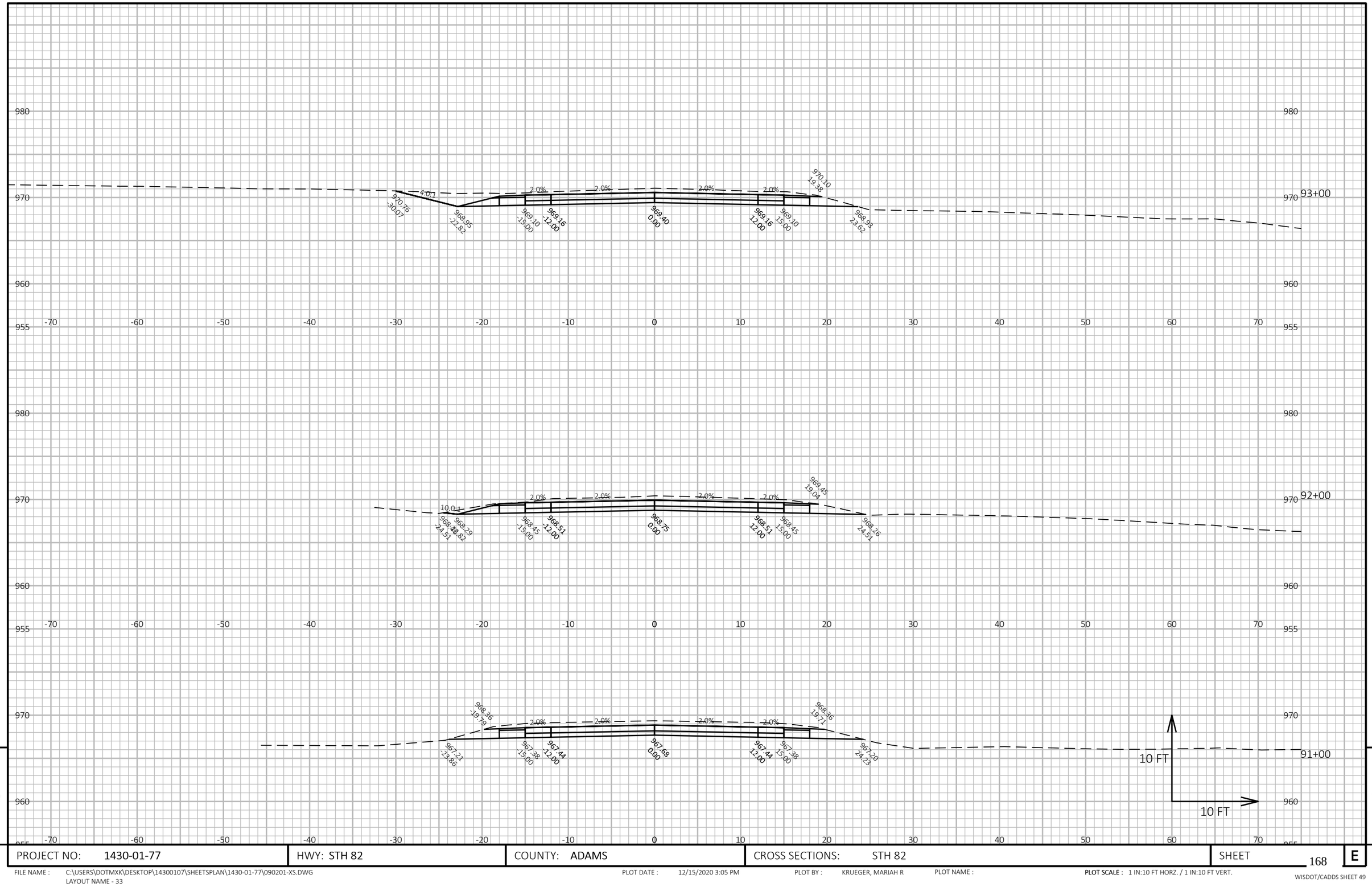


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 167	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 32

PLOT DATE : 12/15/2020 3:04 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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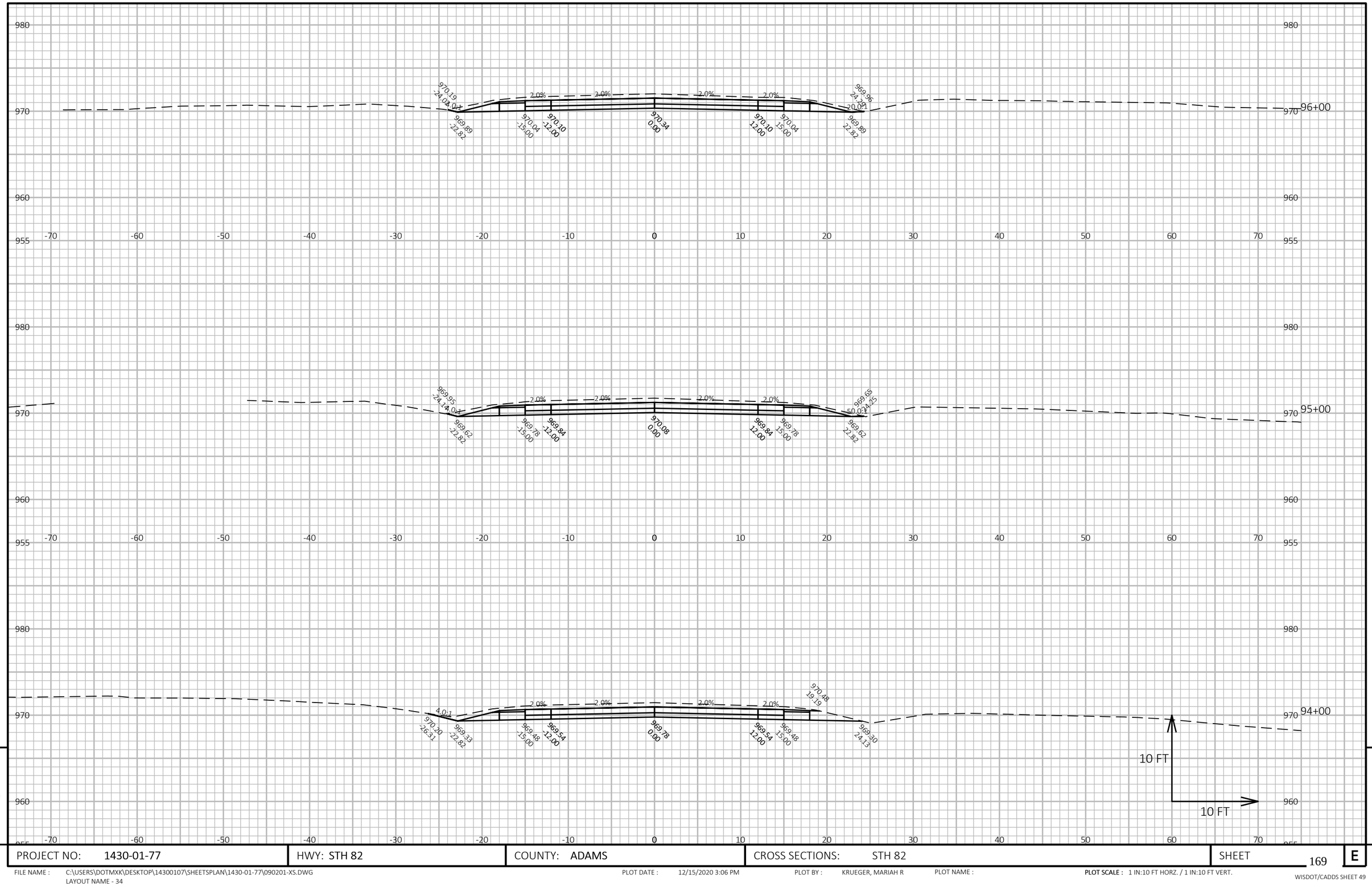
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 168	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 33

PLOT DATE : 12/15/2020 3:05 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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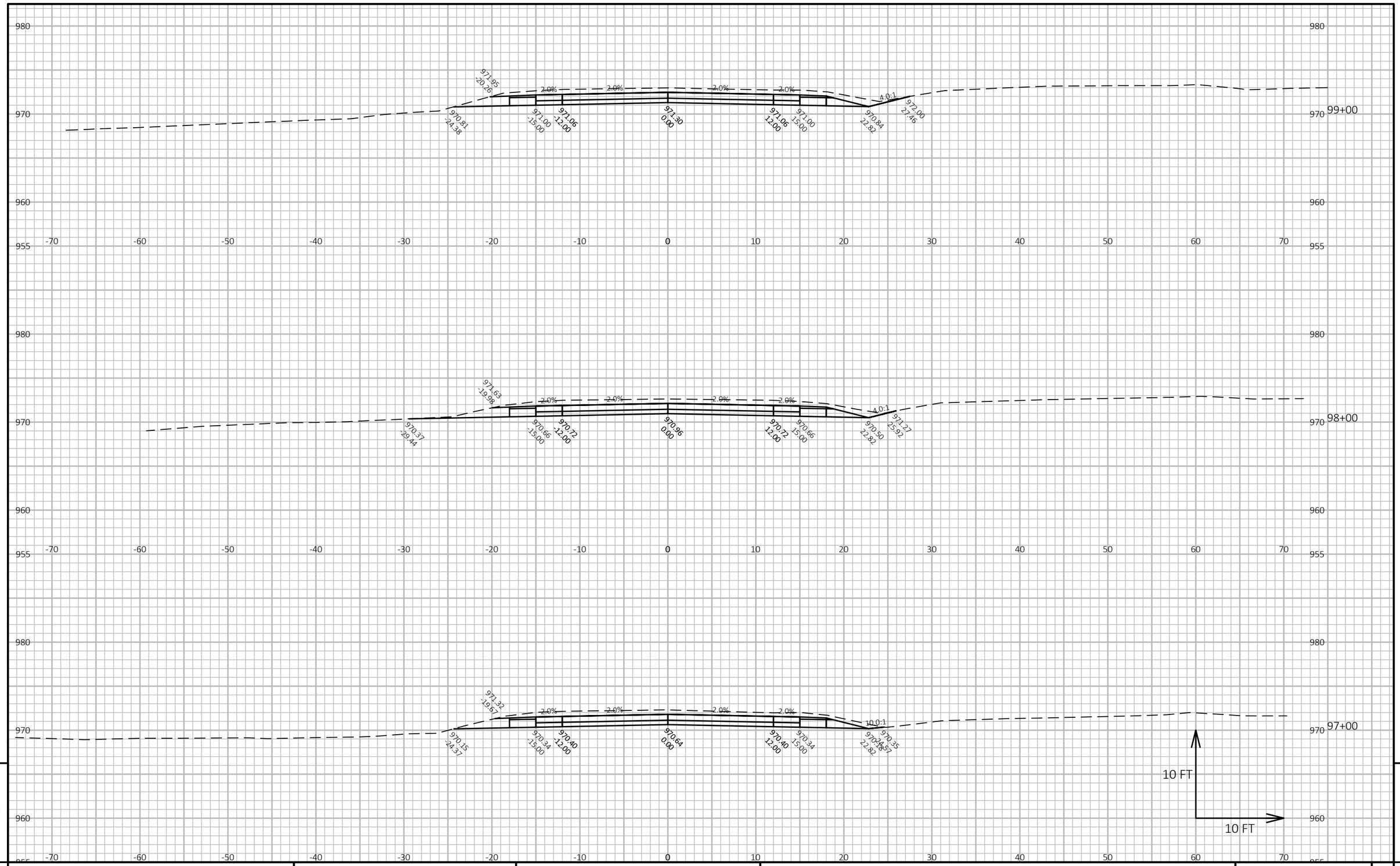
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 169	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 34

PLOT DATE : 12/15/2020 3:06 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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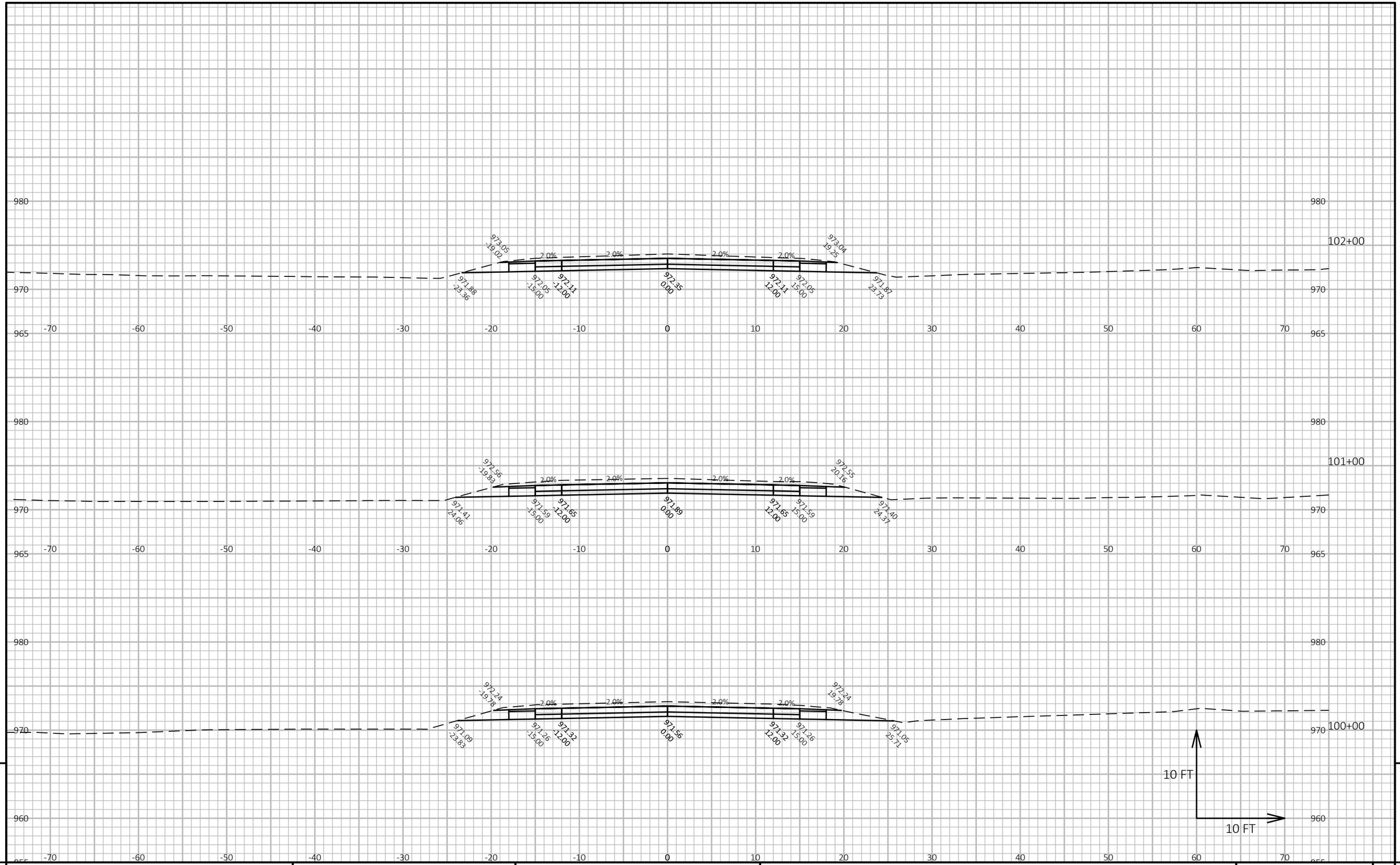
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 170	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 35

PLOT DATE : 12/15/2020 3:07 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



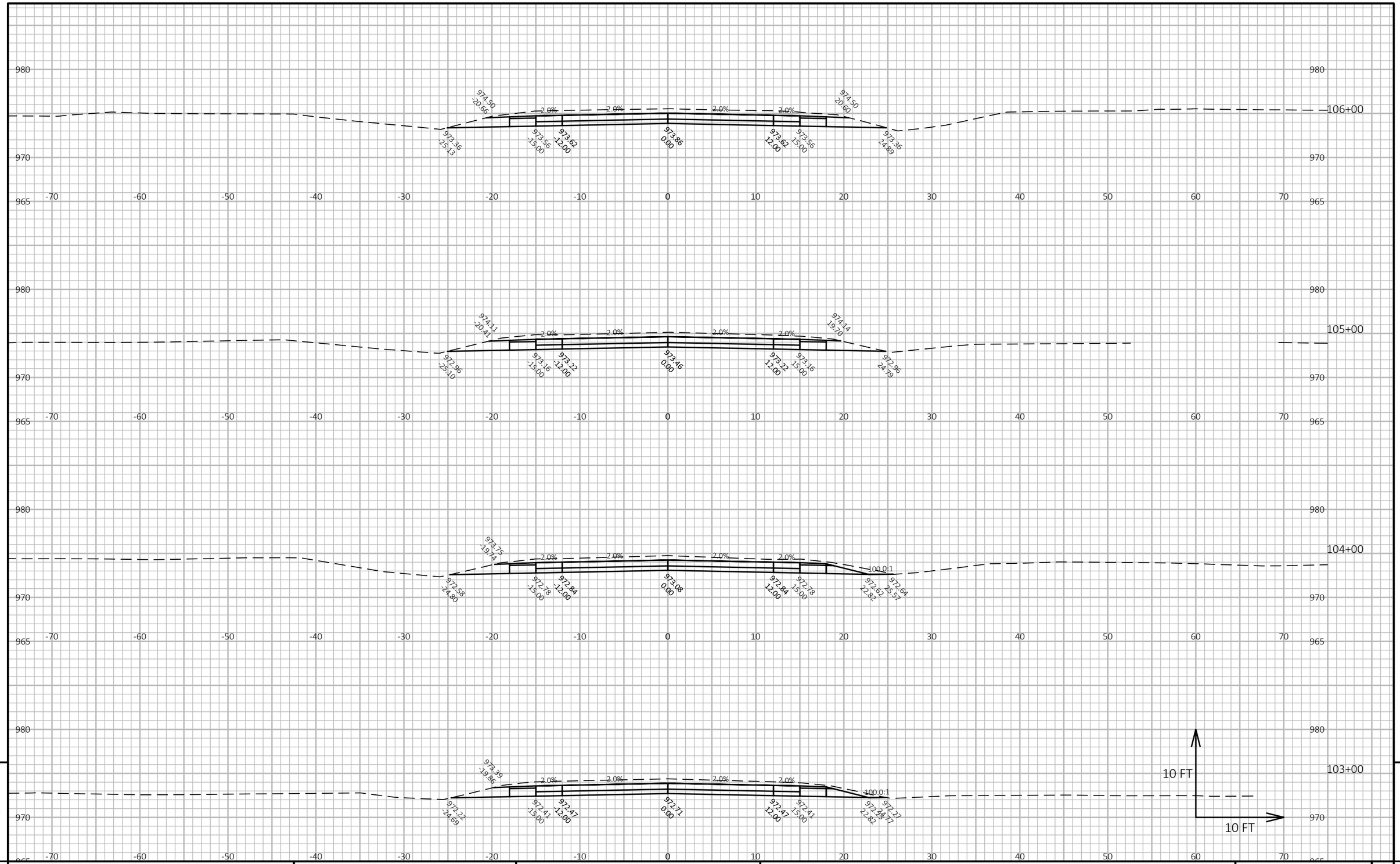
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 171	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 36

PLOT DATE : 12/15/2020 3:08 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



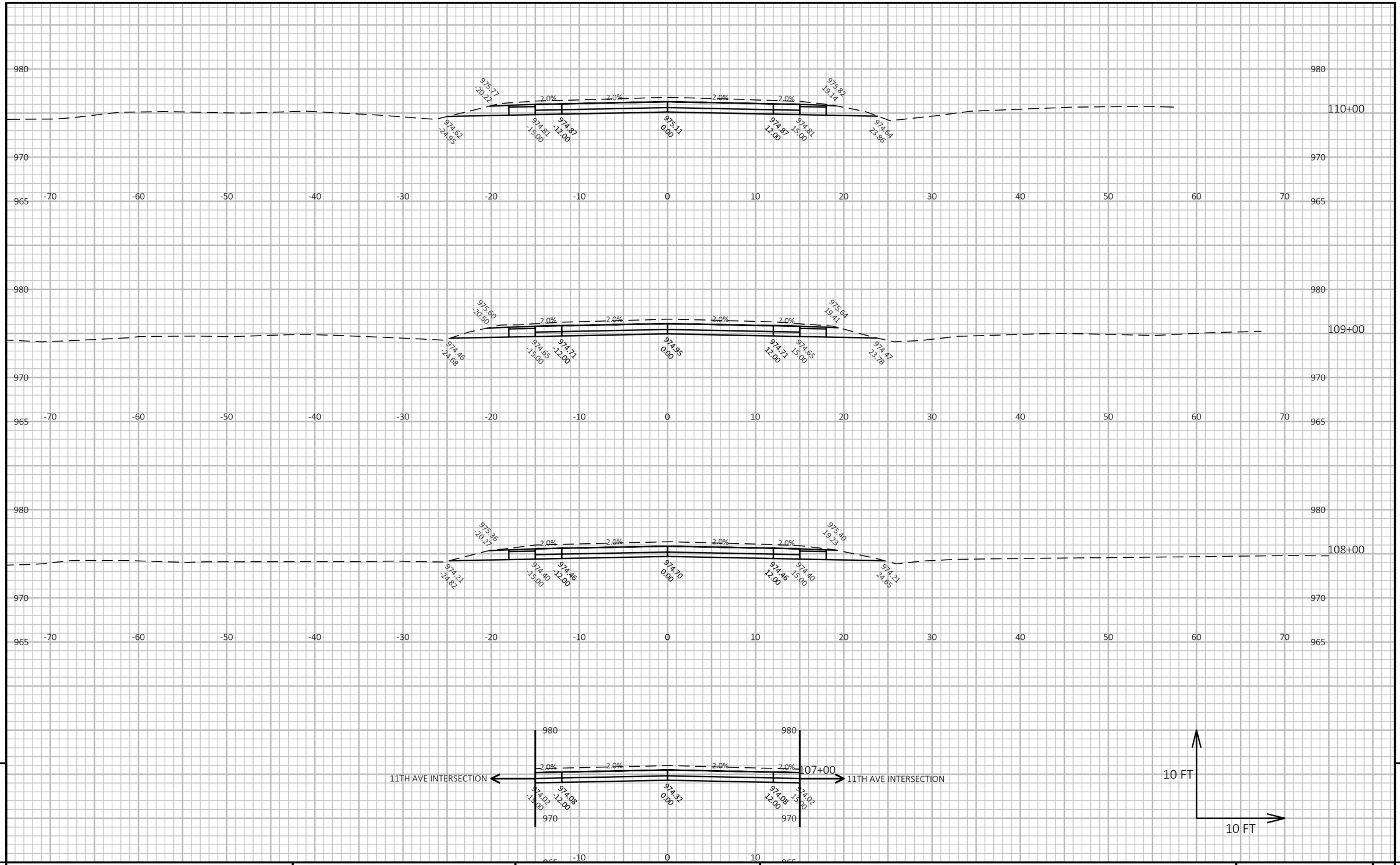
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 172	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 37

PLOT DATE : 12/15/2020 3:09 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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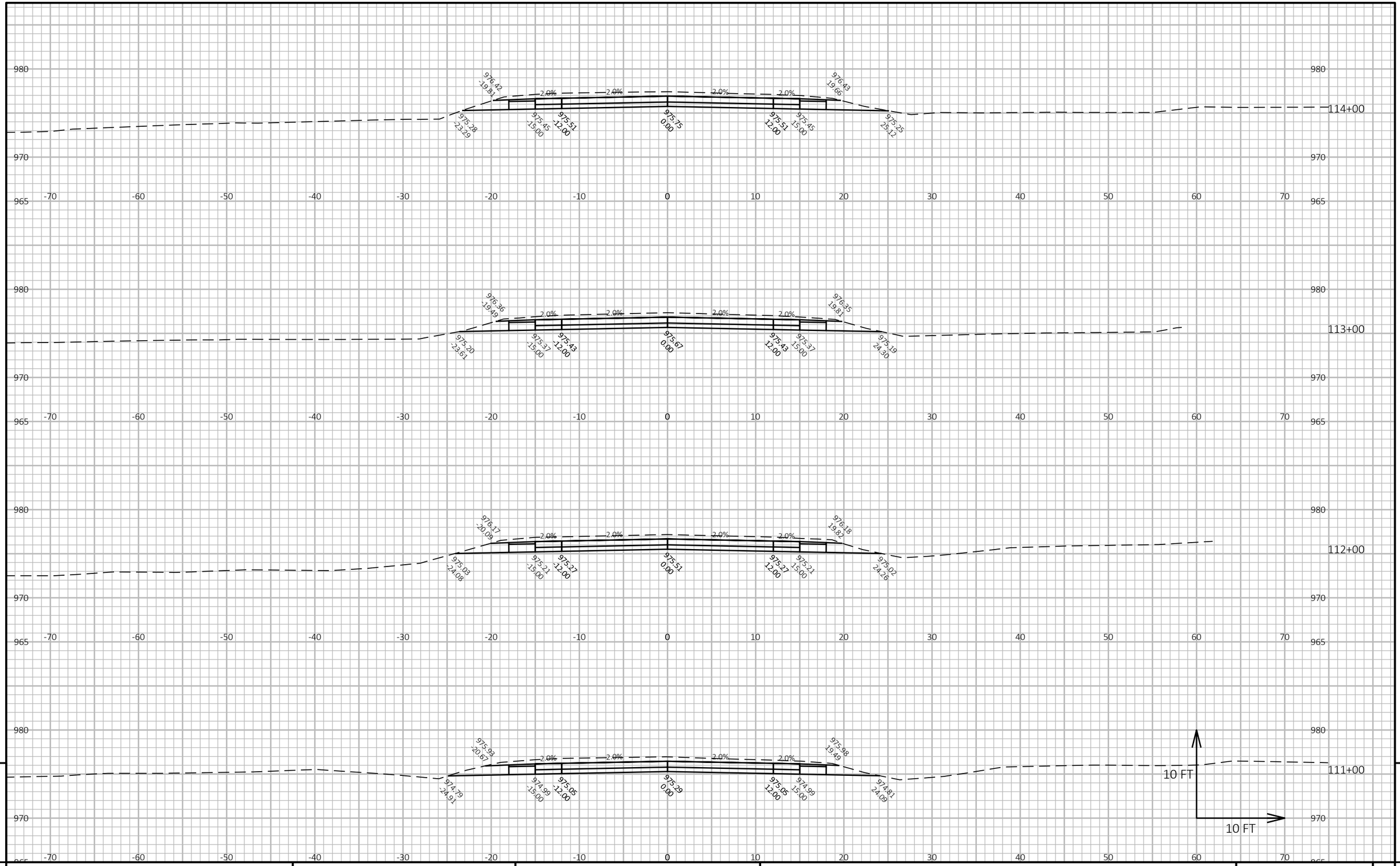
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 173	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 38

PLOT DATE : 12/15/2020 3:10 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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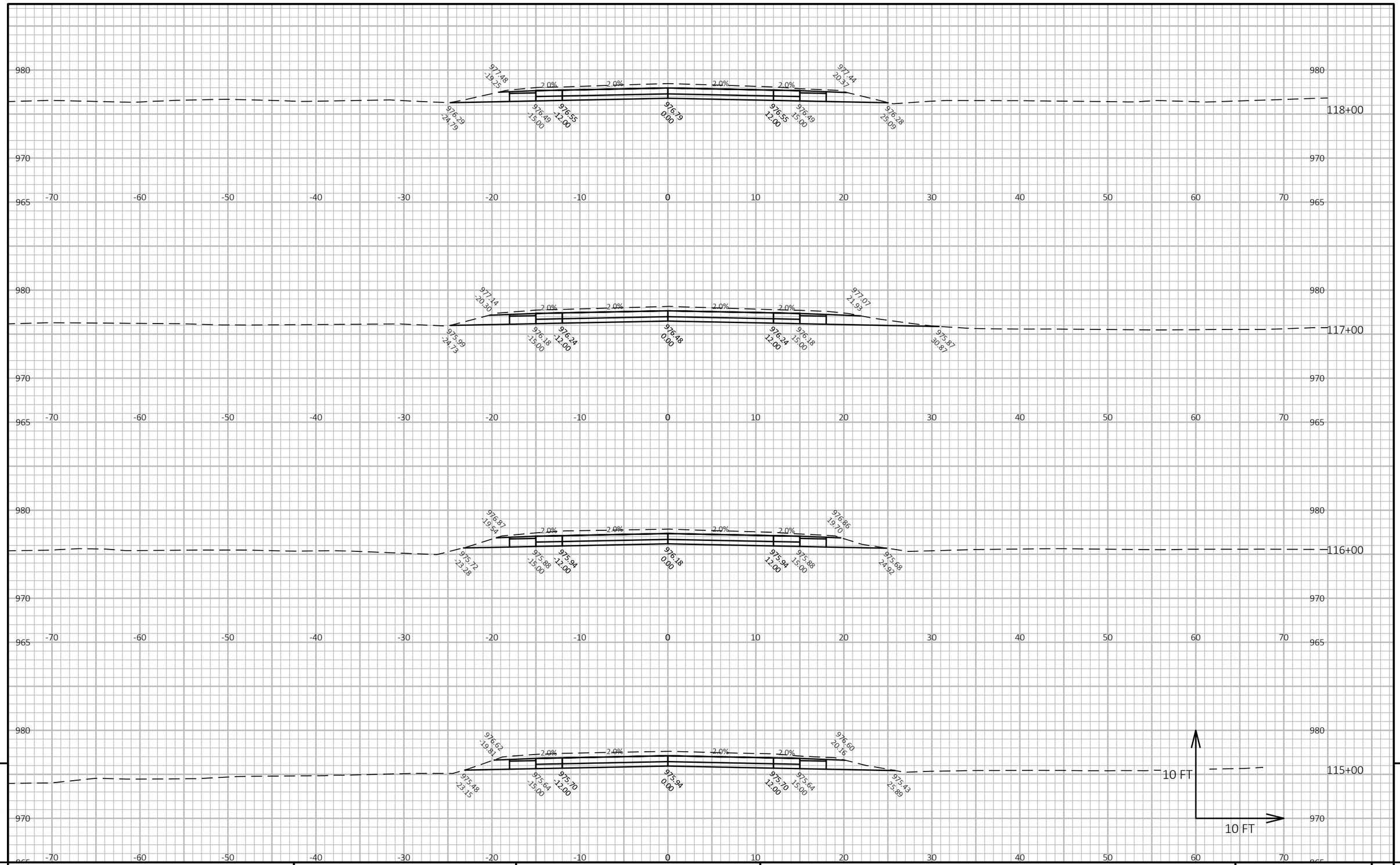
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 174	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 39

PLOT DATE : 12/15/2020 3:11 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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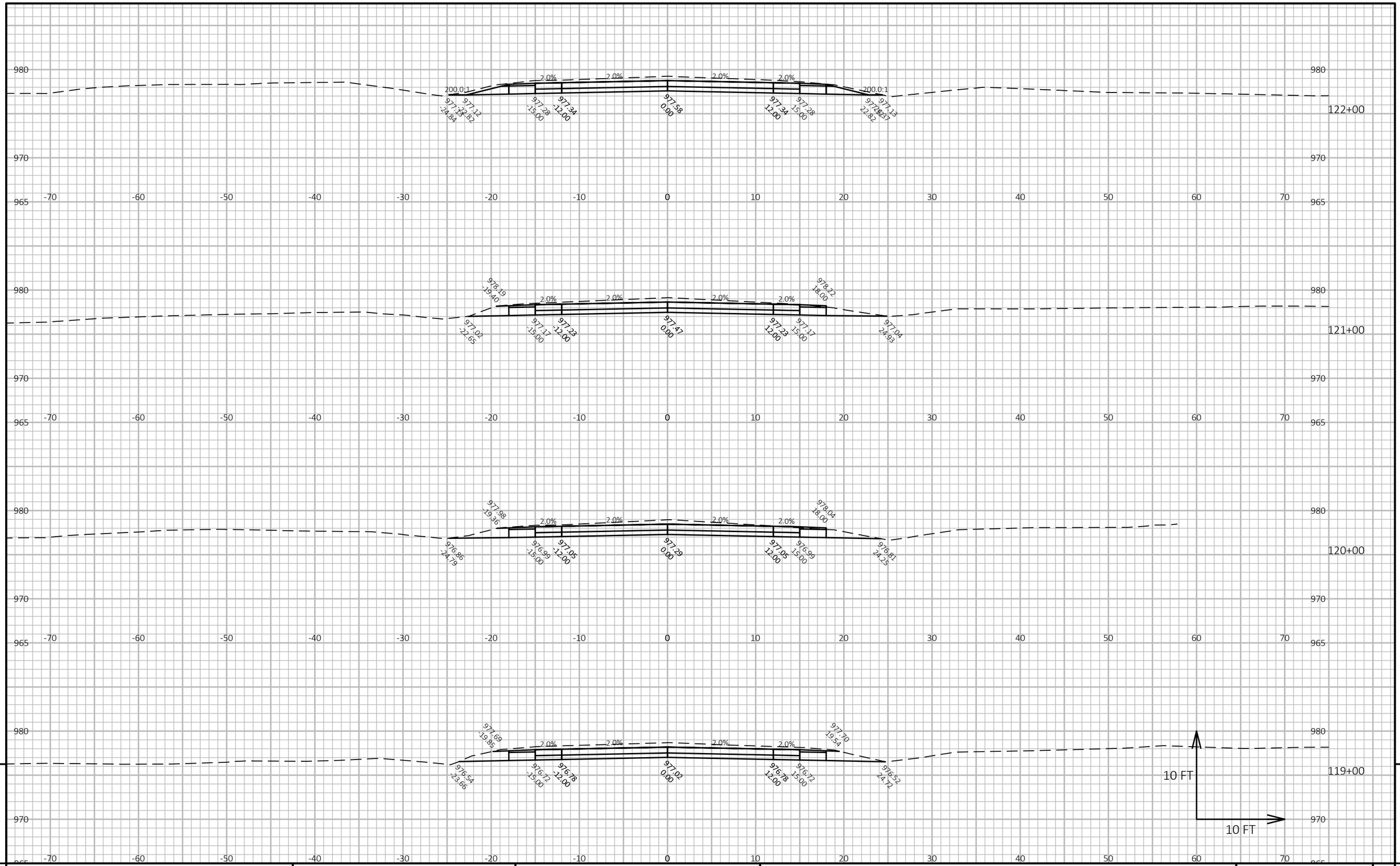
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 175	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 40

PLOT DATE : 12/15/2020 3:12 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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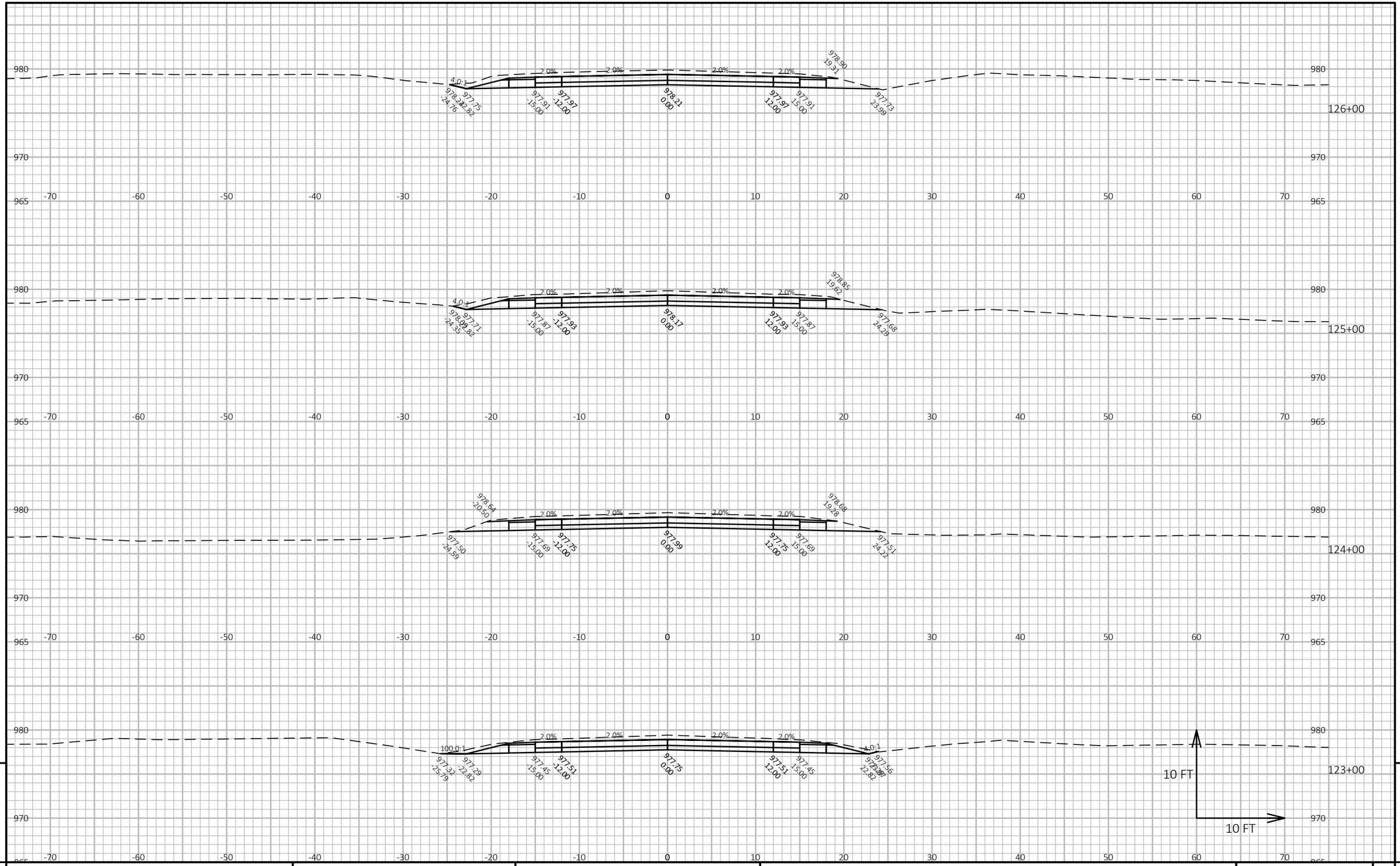
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 176	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 41

PLOT DATE : 12/15/2020 3:13 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9

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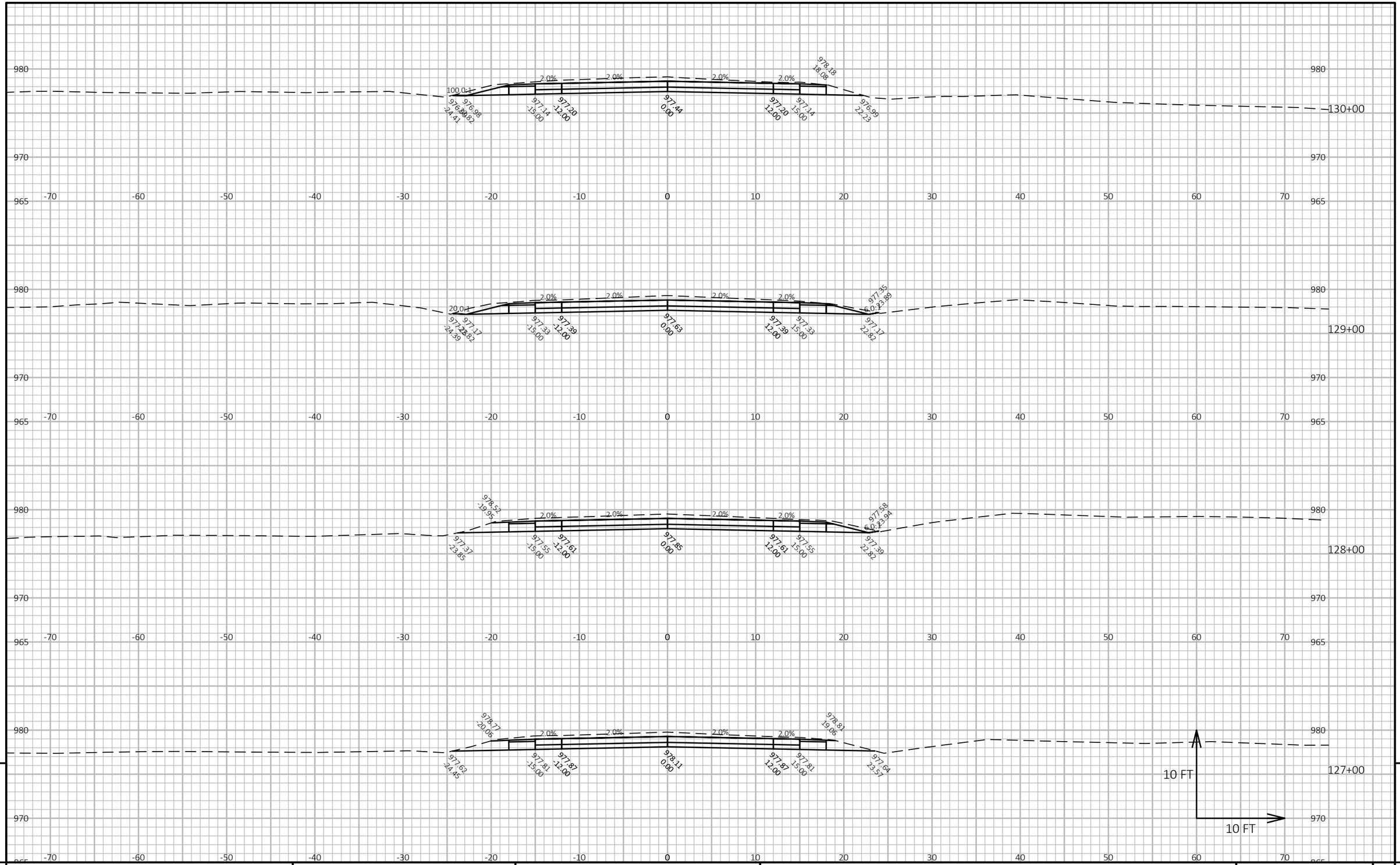
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 177	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 42

PLOT DATE : 12/15/2020 3:14 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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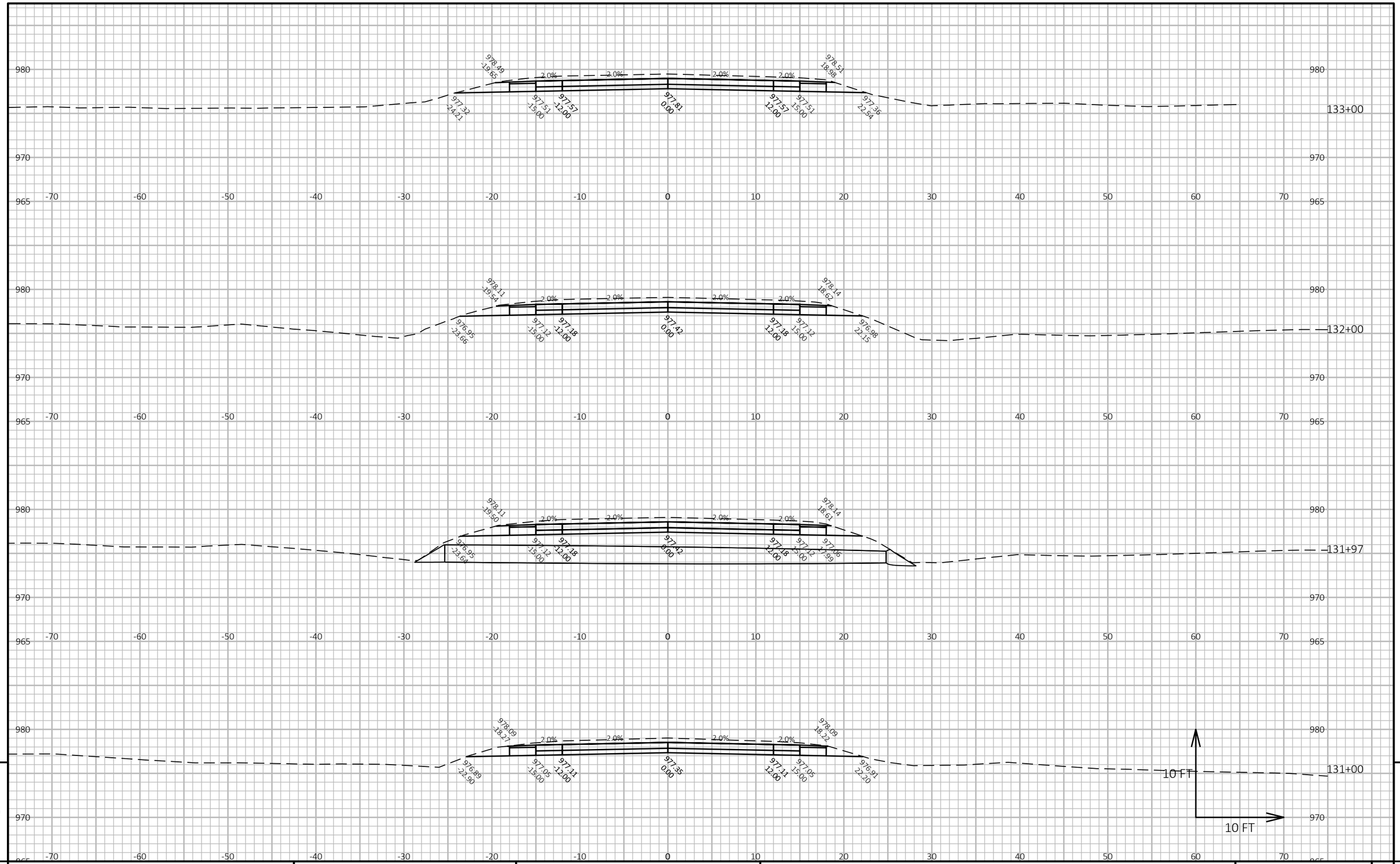
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 178	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 43

PLOT DATE : 12/15/2020 3:15 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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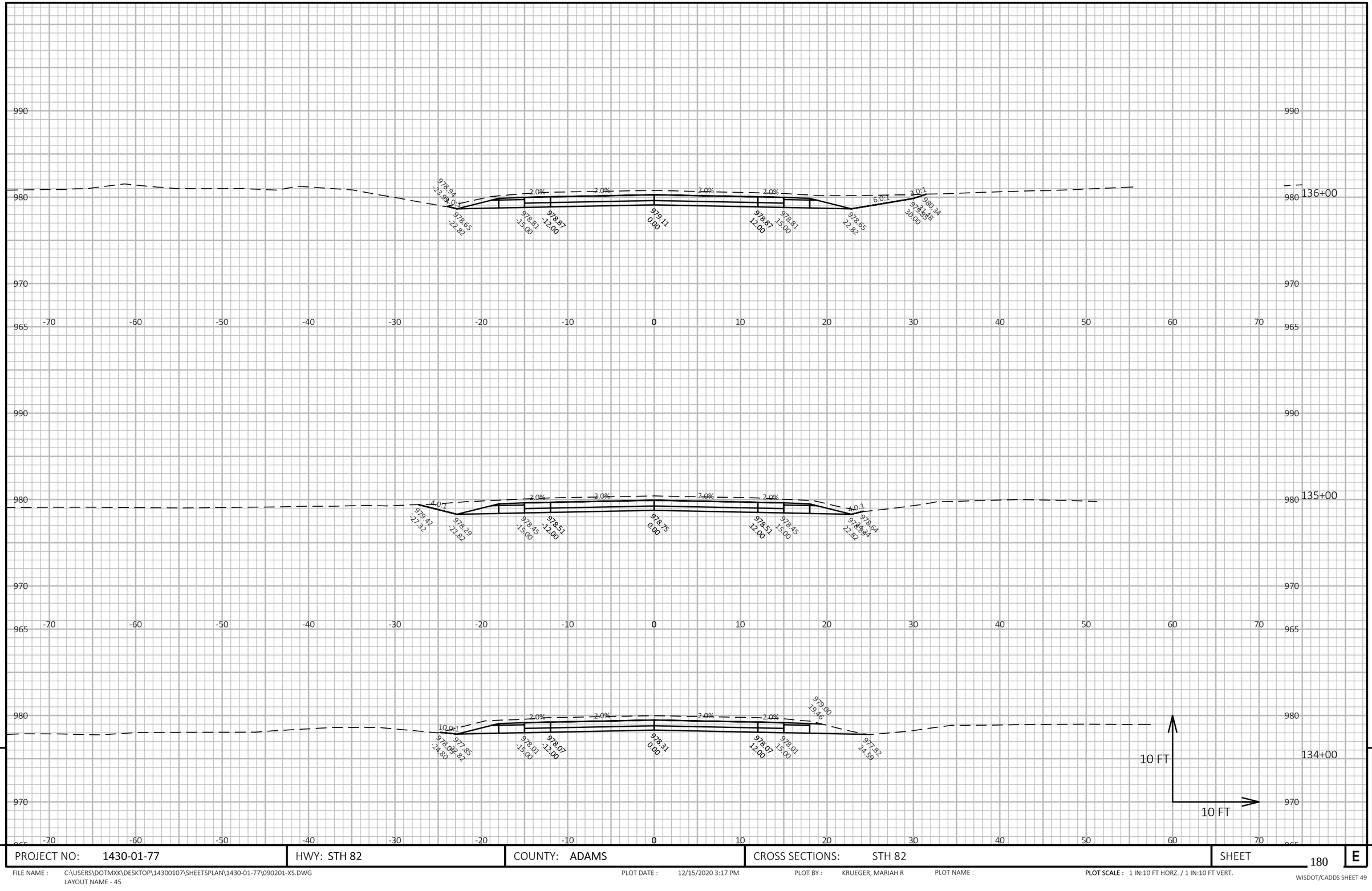
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 179	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 44

PLOT DATE : 12/15/2020 3:16 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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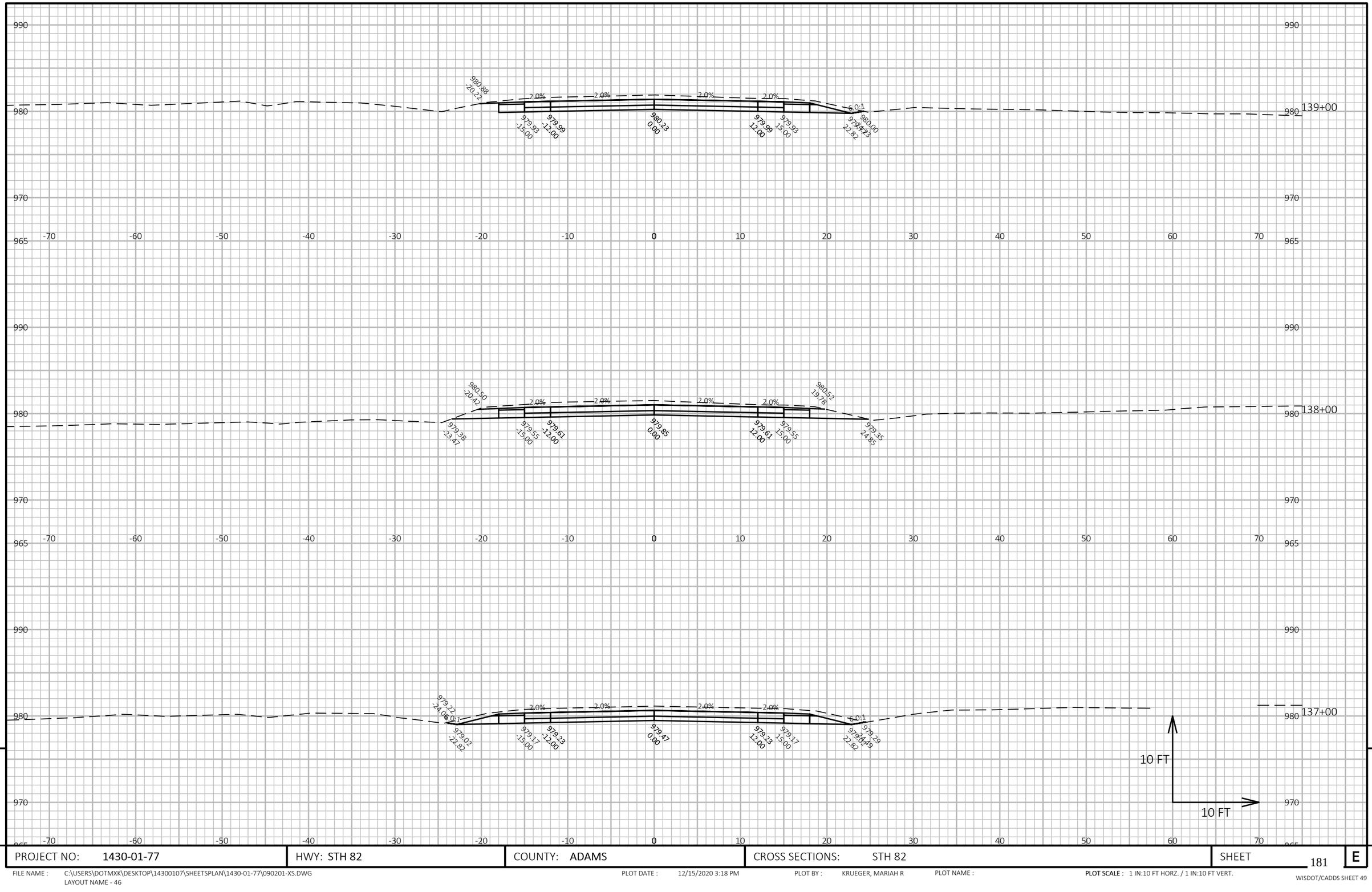
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 180	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 45

PLOT DATE : 12/15/2020 3:17 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49

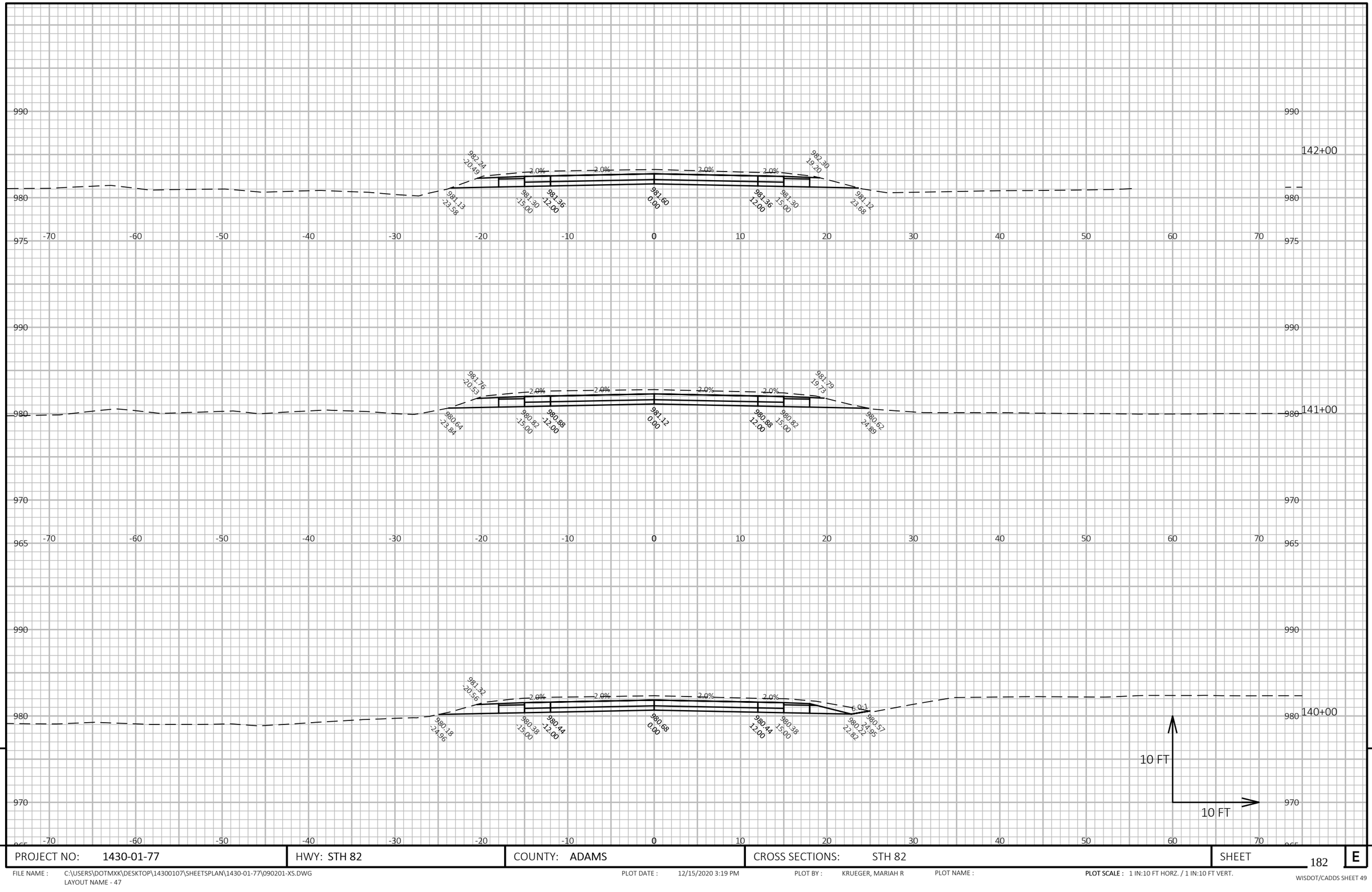


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 181	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 46

PLOT DATE : 12/15/2020 3:18 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



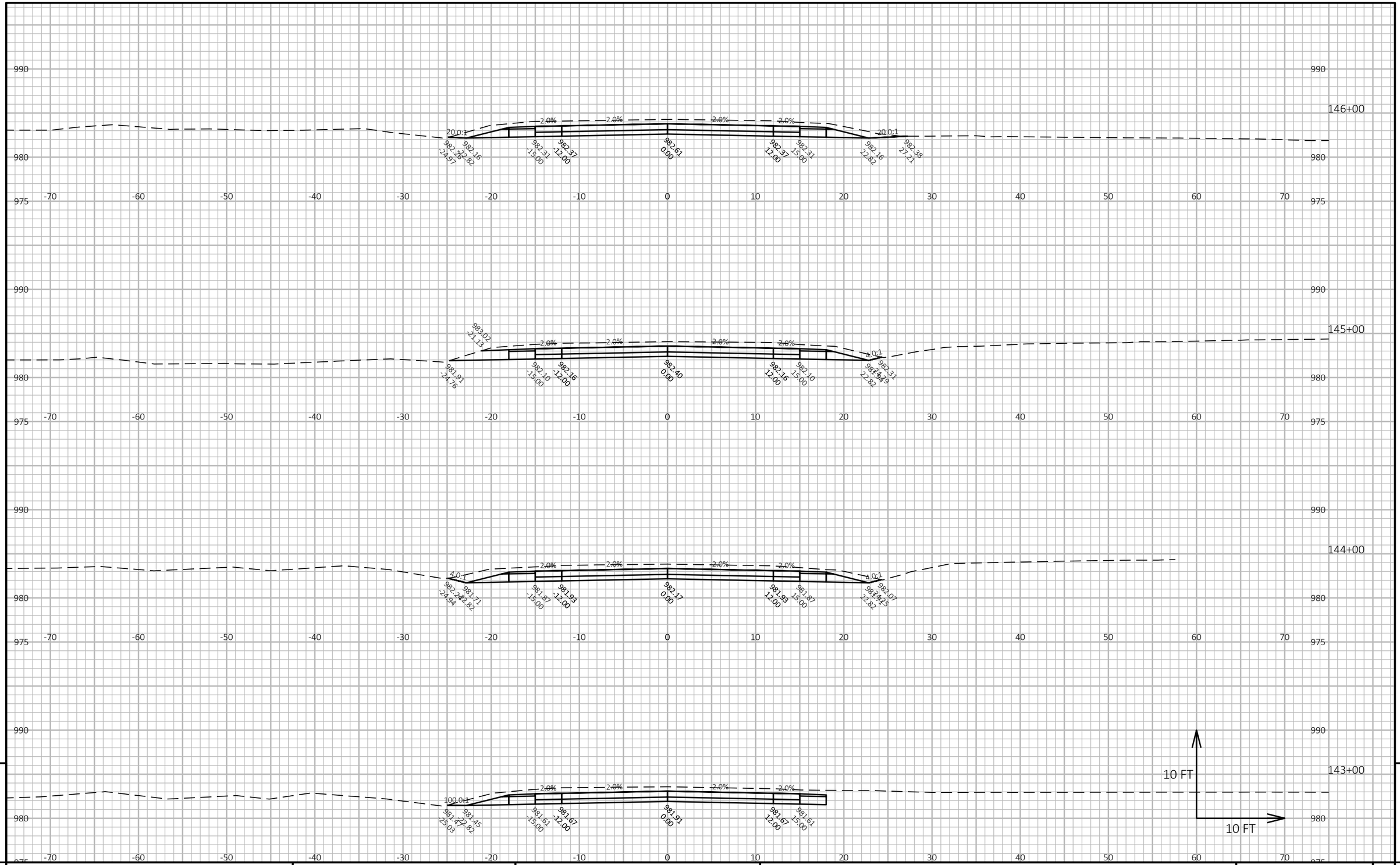
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 182 E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 47

PLOT DATE : 12/15/2020 3:19 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9

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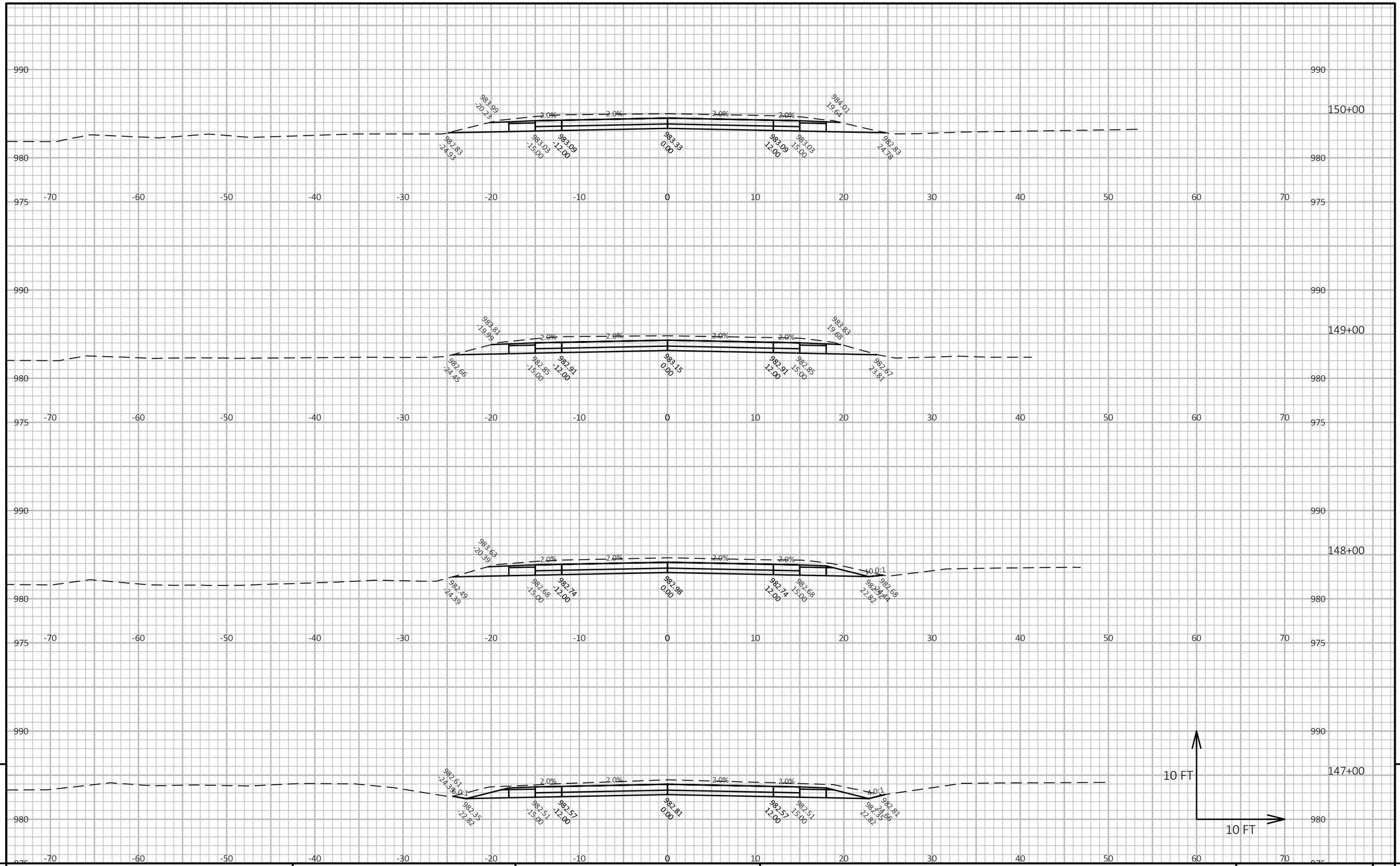
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 183	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 48

PLOT DATE : 12/15/2020 3:20 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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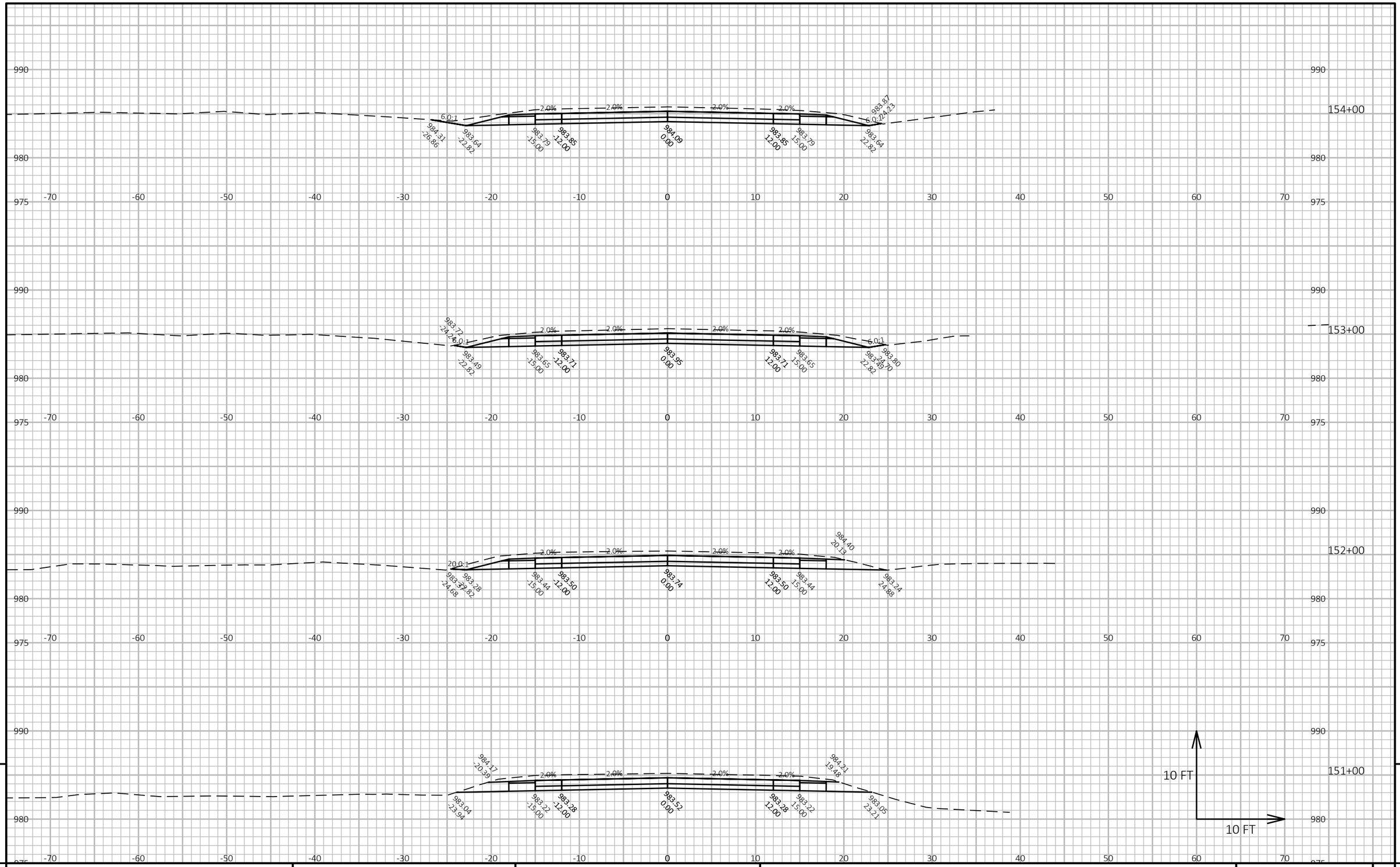
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 184	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 49

PLOT DATE : 12/15/2020 3:21 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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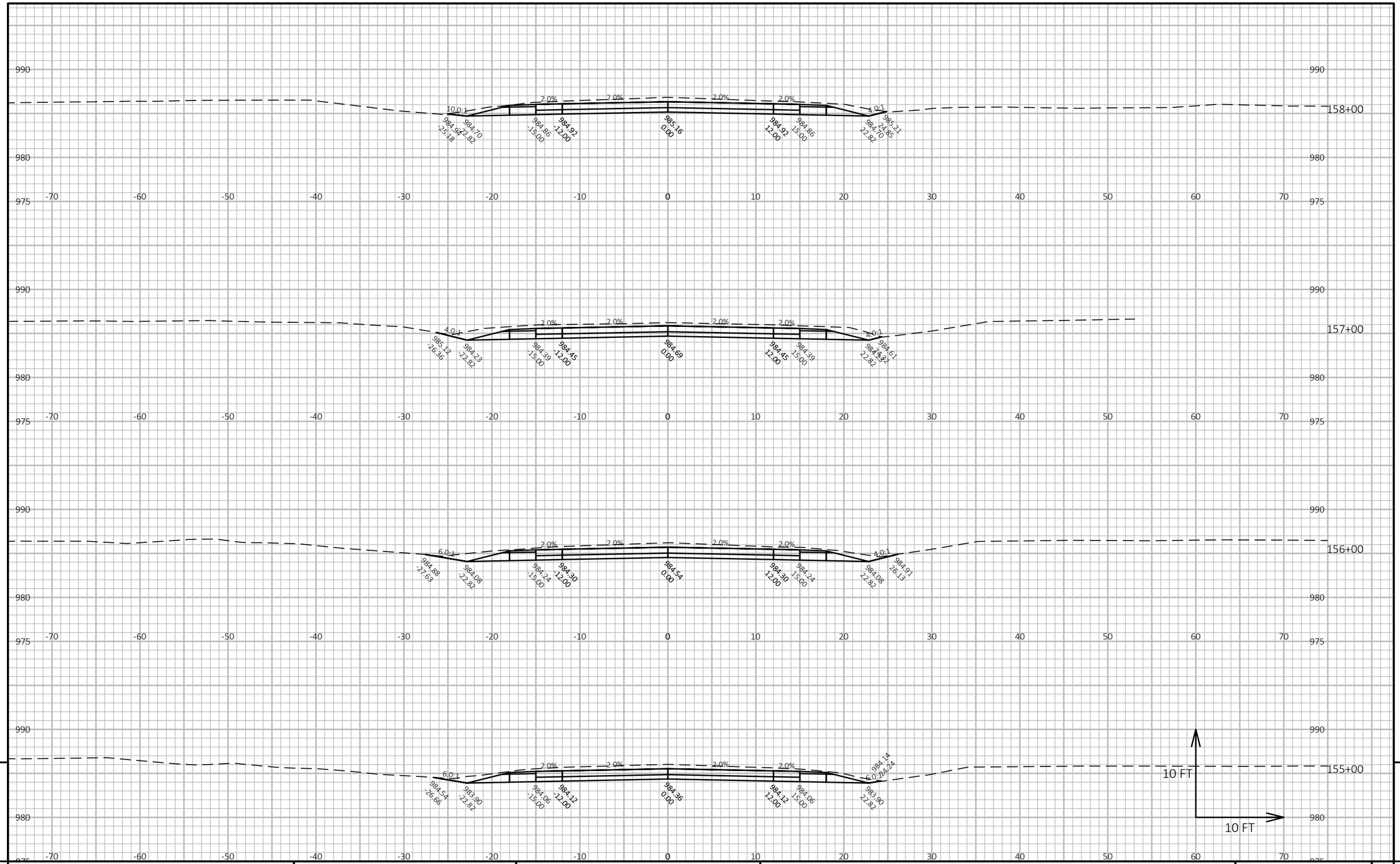
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 185	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 50

PLOT DATE : 12/15/2020 3:21 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9

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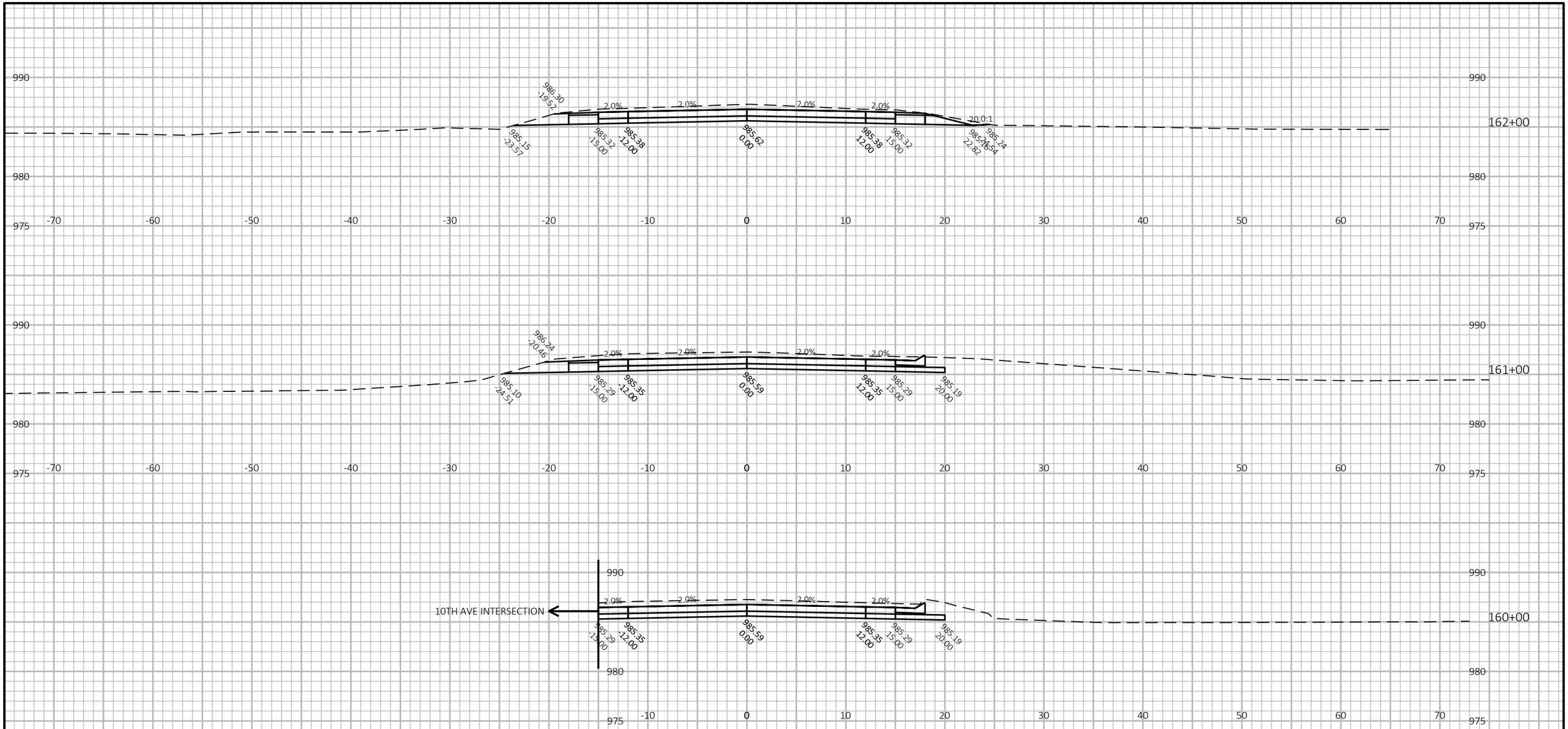
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 186	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 51

PLOT DATE : 12/15/2020 3:22 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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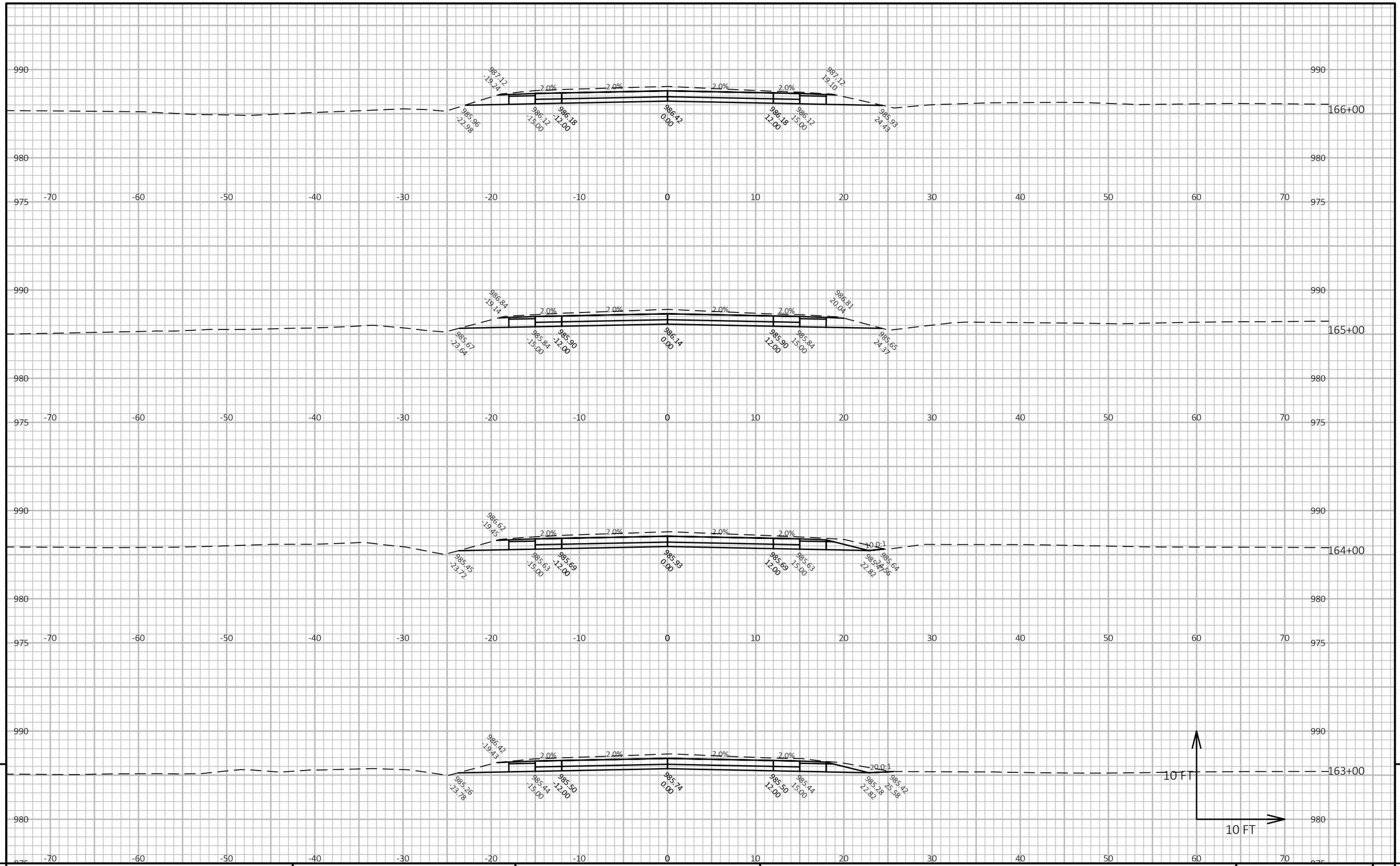
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 187	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 52

PLOT DATE : 12/15/2020 3:23 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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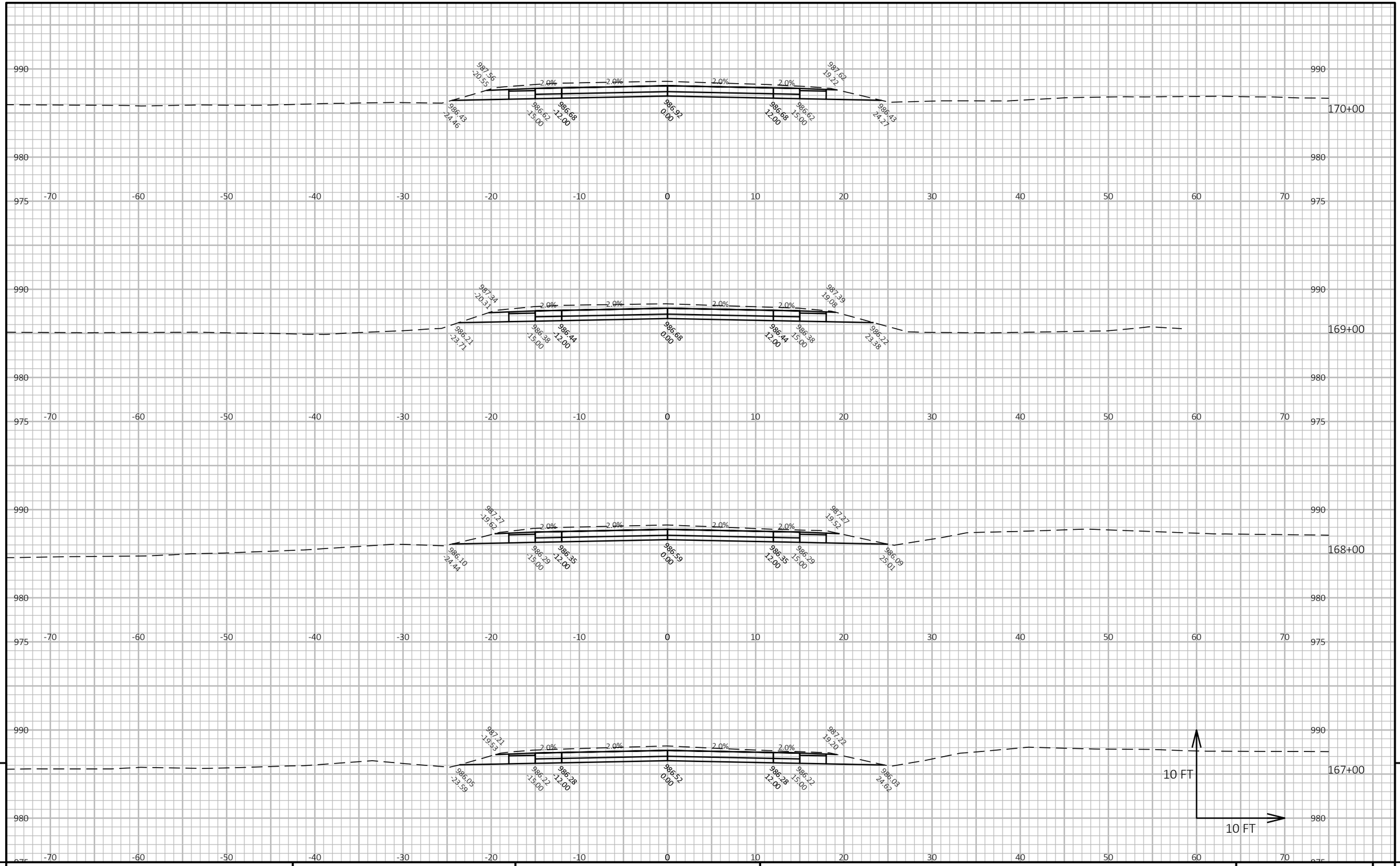
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 188	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 53

PLOT DATE : 12/15/2020 3:24 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9

9

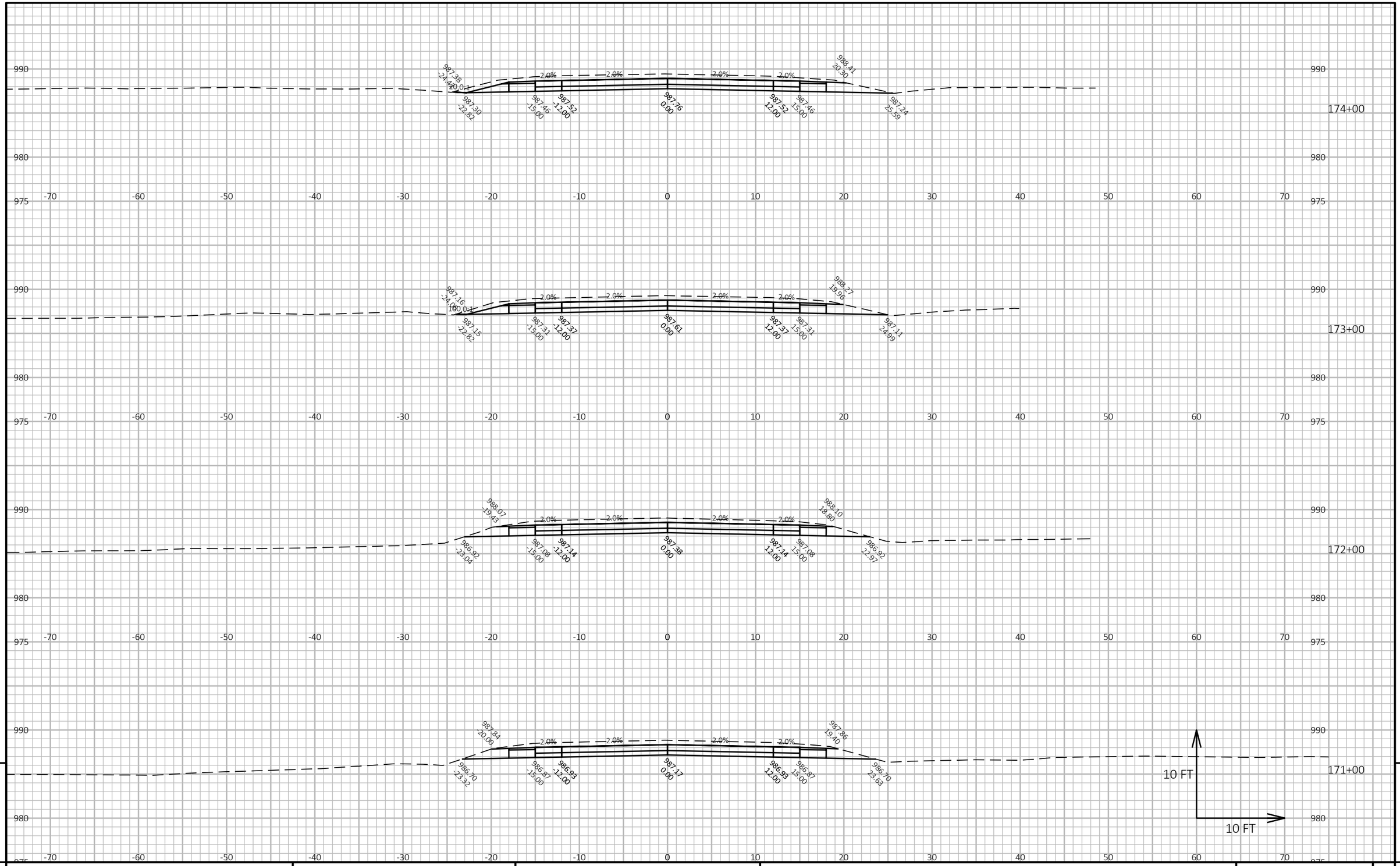
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 189	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 54

PLOT DATE : 12/15/2020 3:25 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



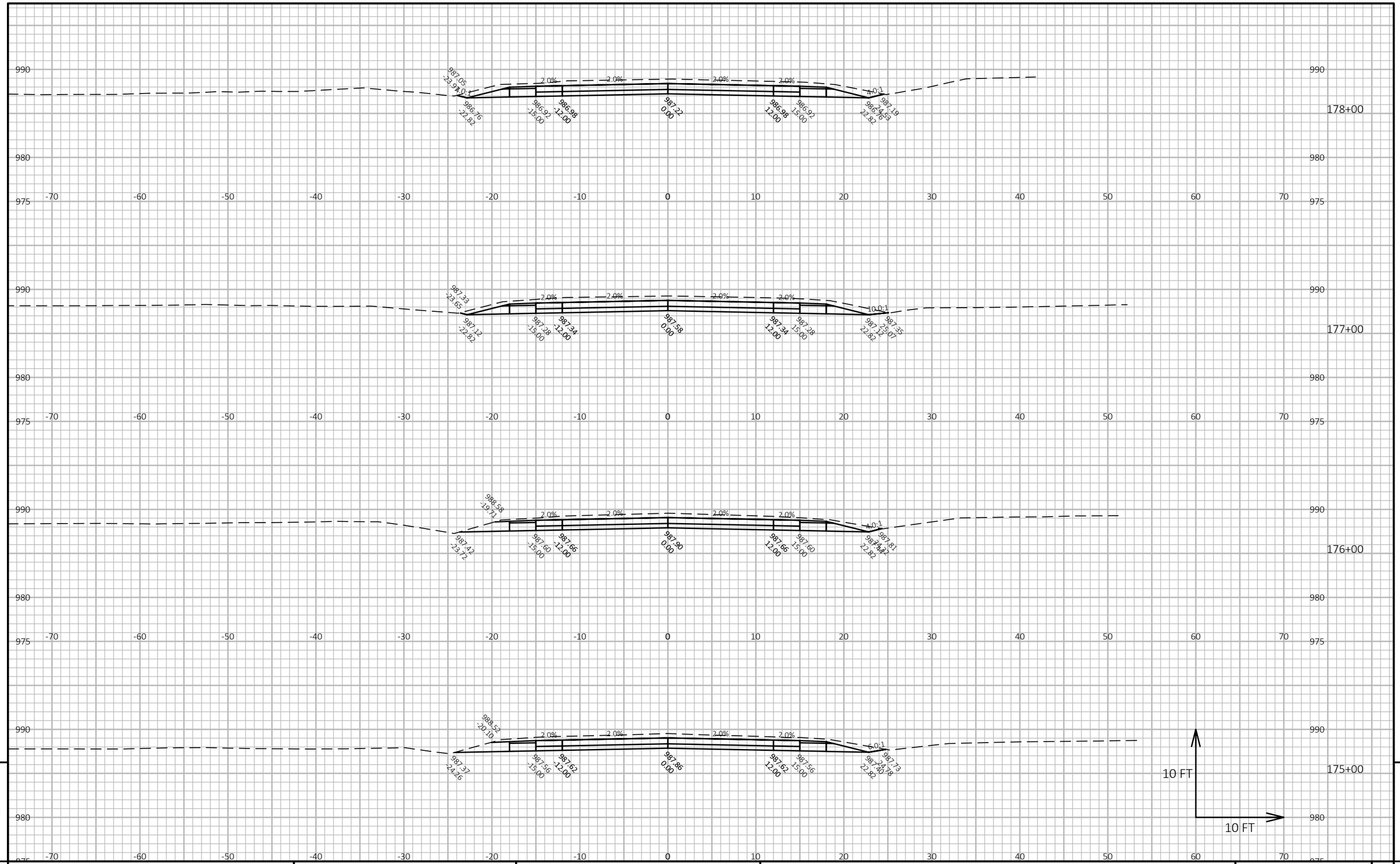
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 190	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 55

PLOT DATE : 12/15/2020 3:26 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9 9

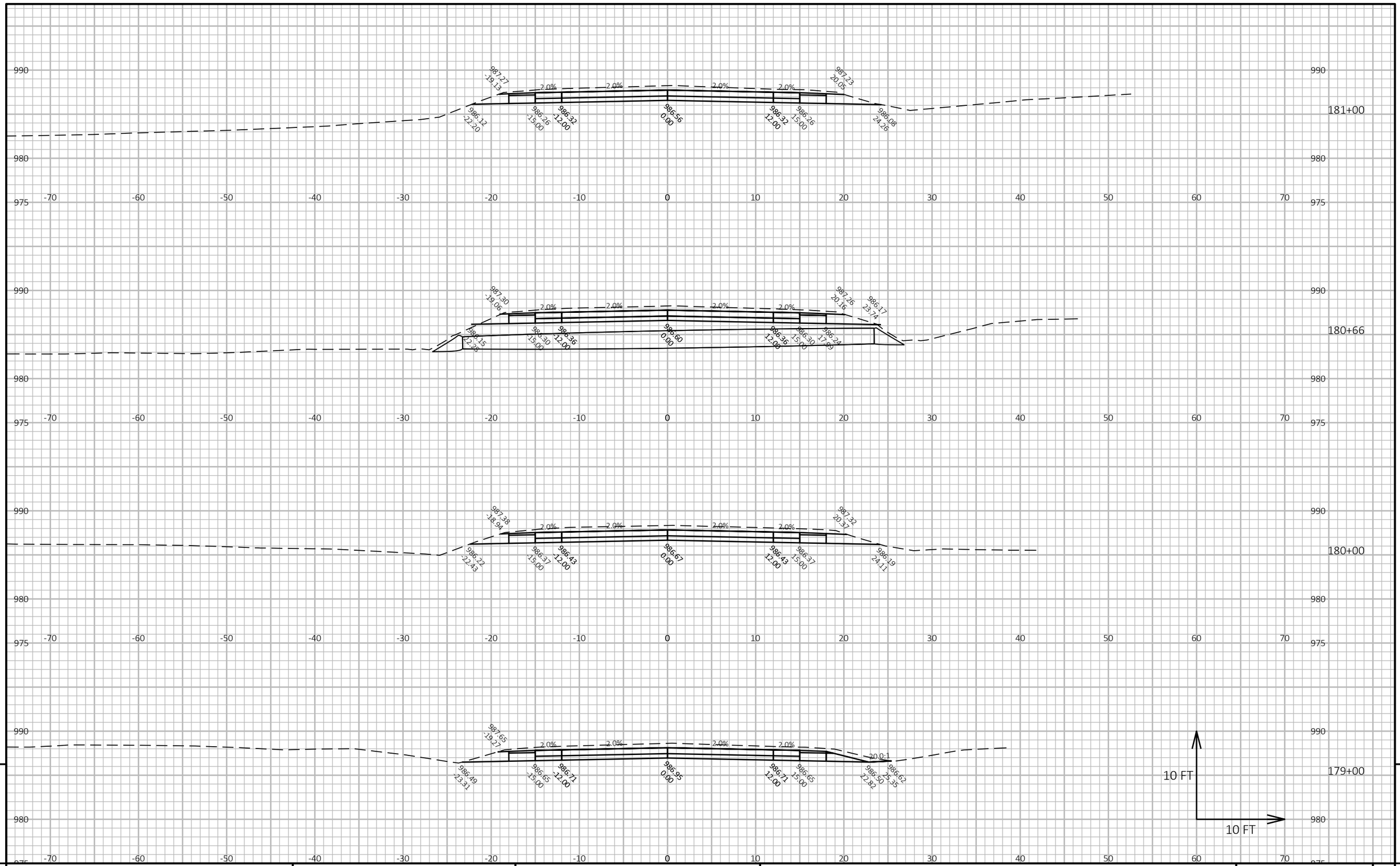
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 191	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 56

PLOT DATE : 12/15/2020 3:27 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 192	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 57

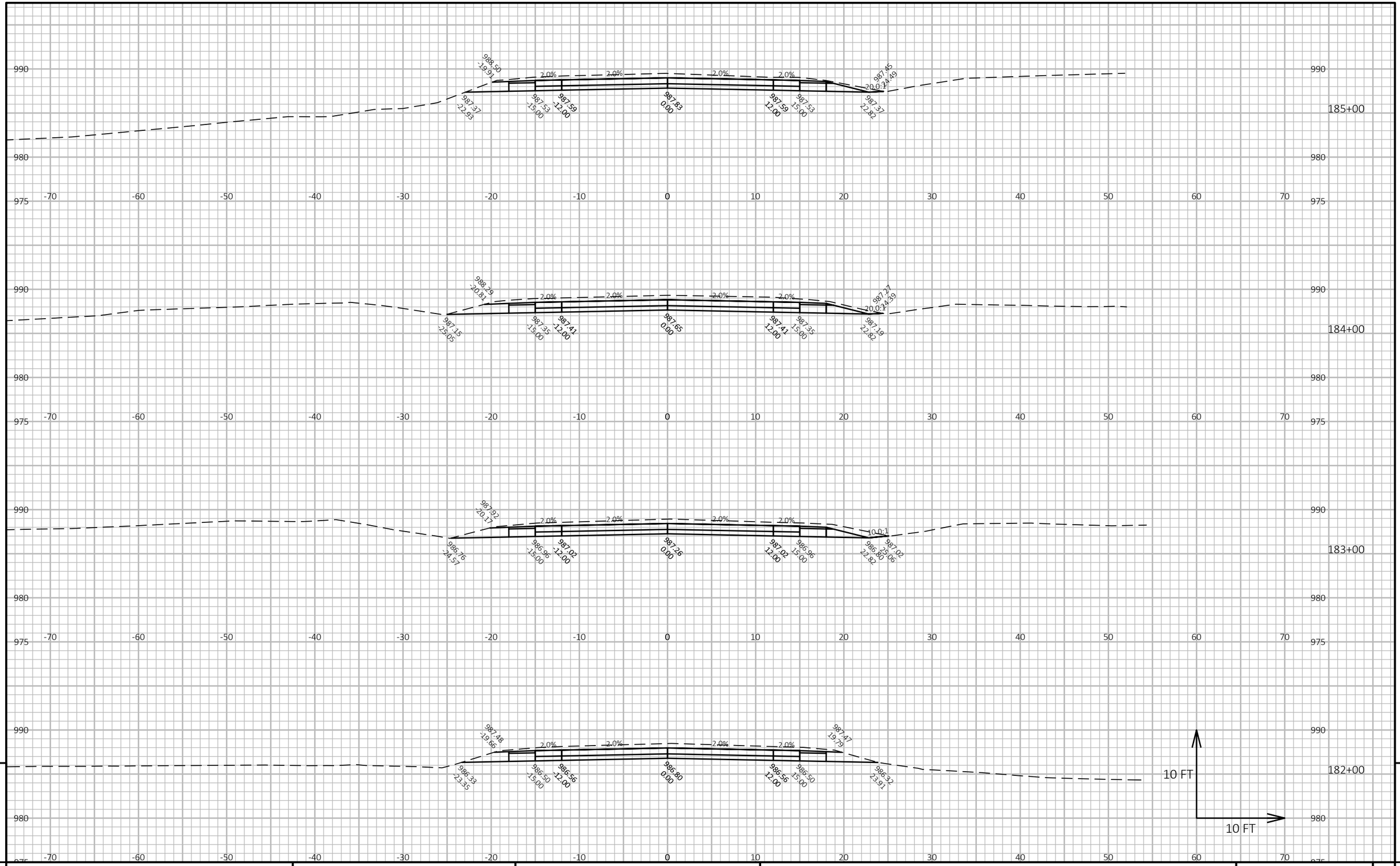
PLOT DATE : 12/15/2020 3:27 PM

PLOT BY : KRUEGER, MARIAH R

PLOT NAME :

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

WISDOT/CADDS SHEET 49



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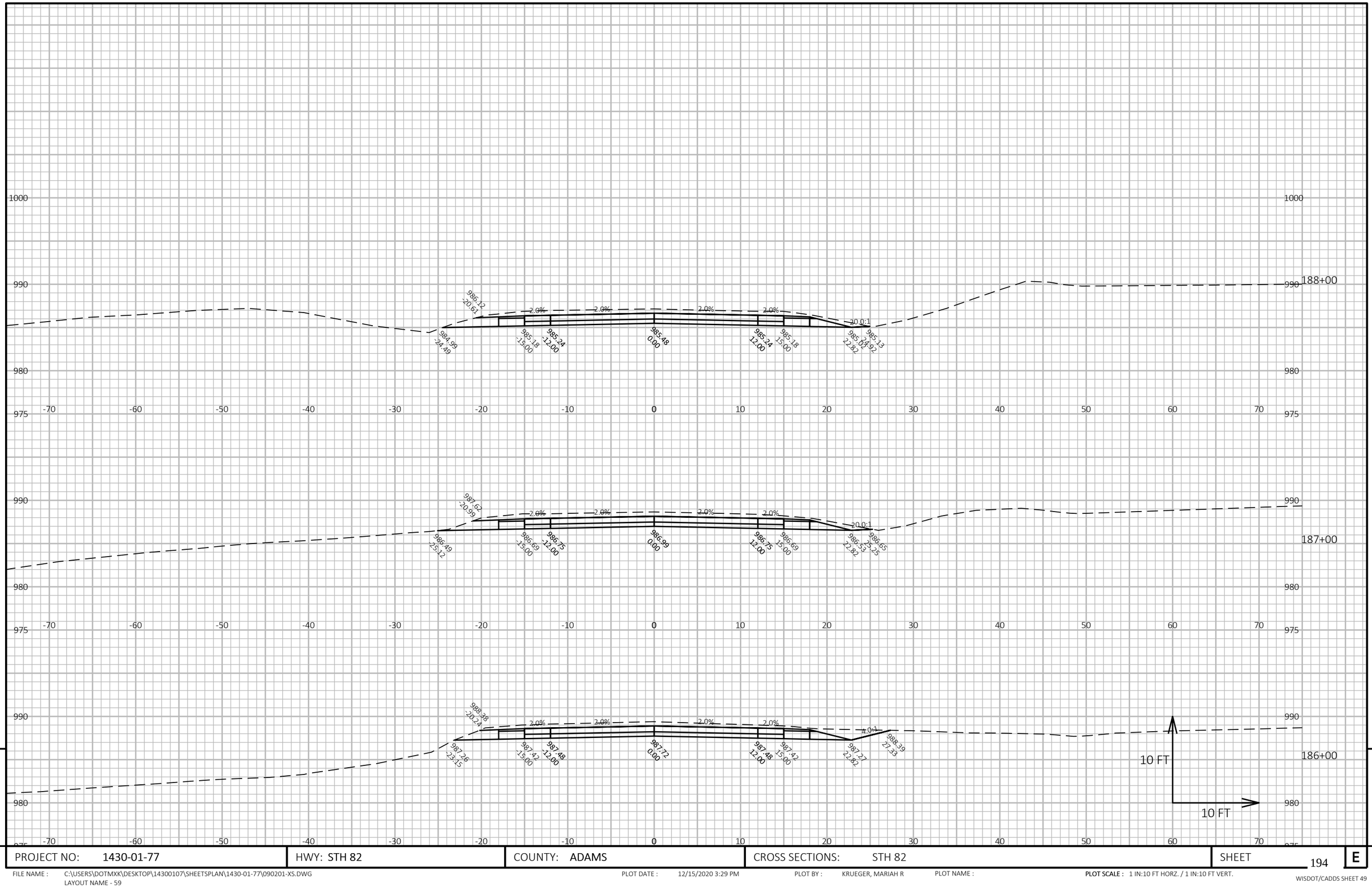
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 193	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 58

PLOT DATE : 12/15/2020 3:28 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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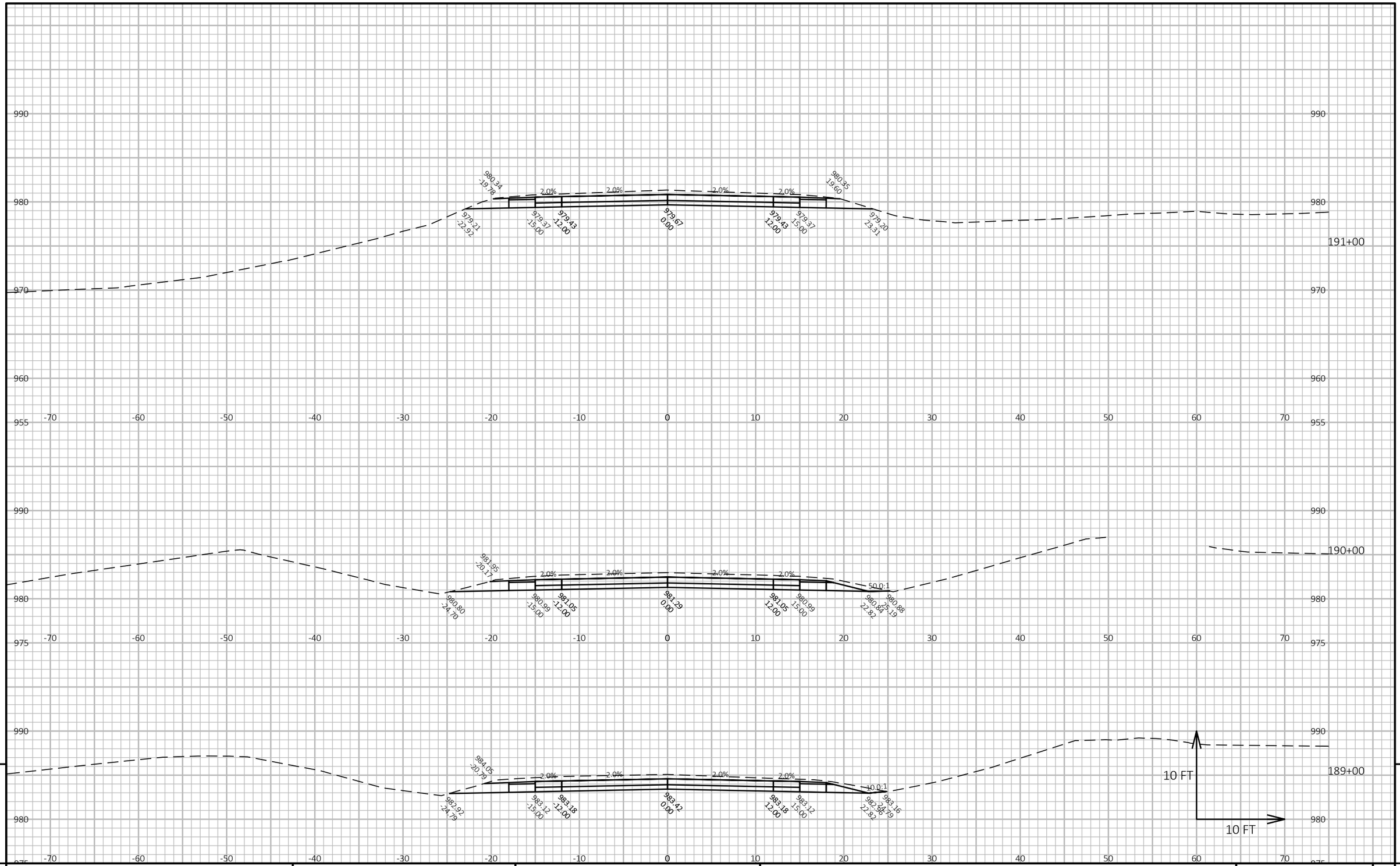
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 194	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 59

PLOT DATE : 12/15/2020 3:29 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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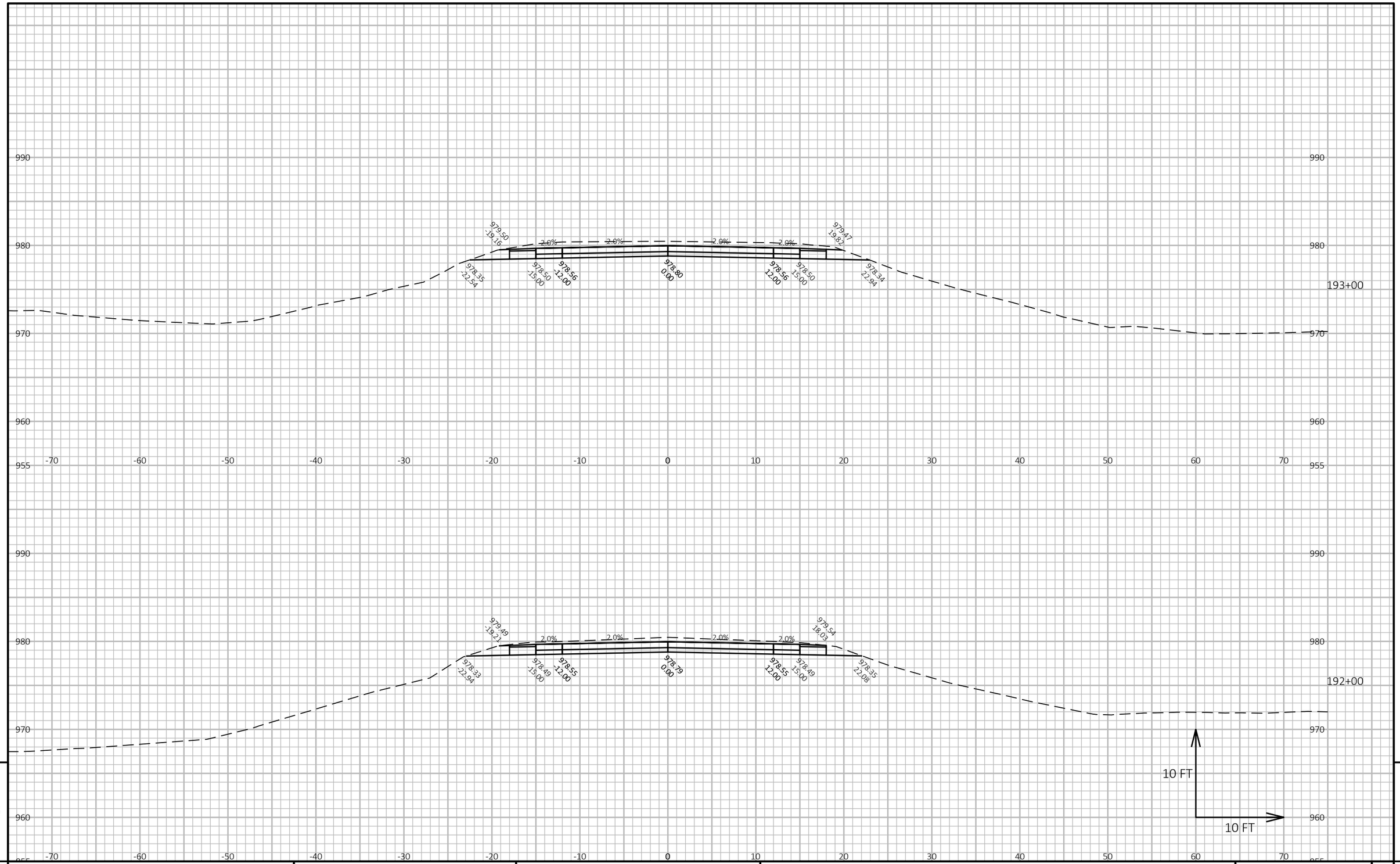
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 195	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 60

PLOT DATE : 12/15/2020 3:30 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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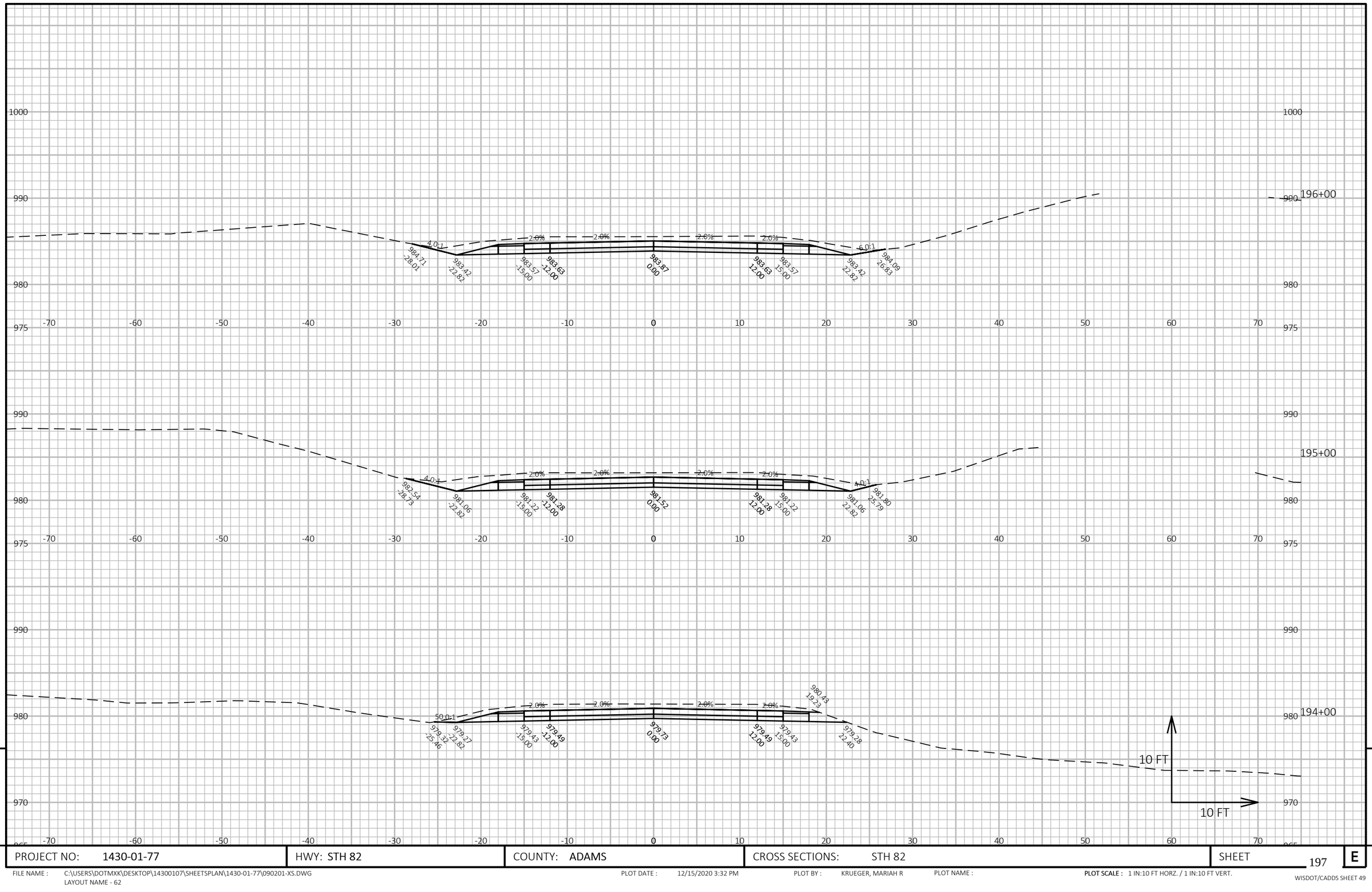
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 196	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 61

PLOT DATE : 12/15/2020 3:31 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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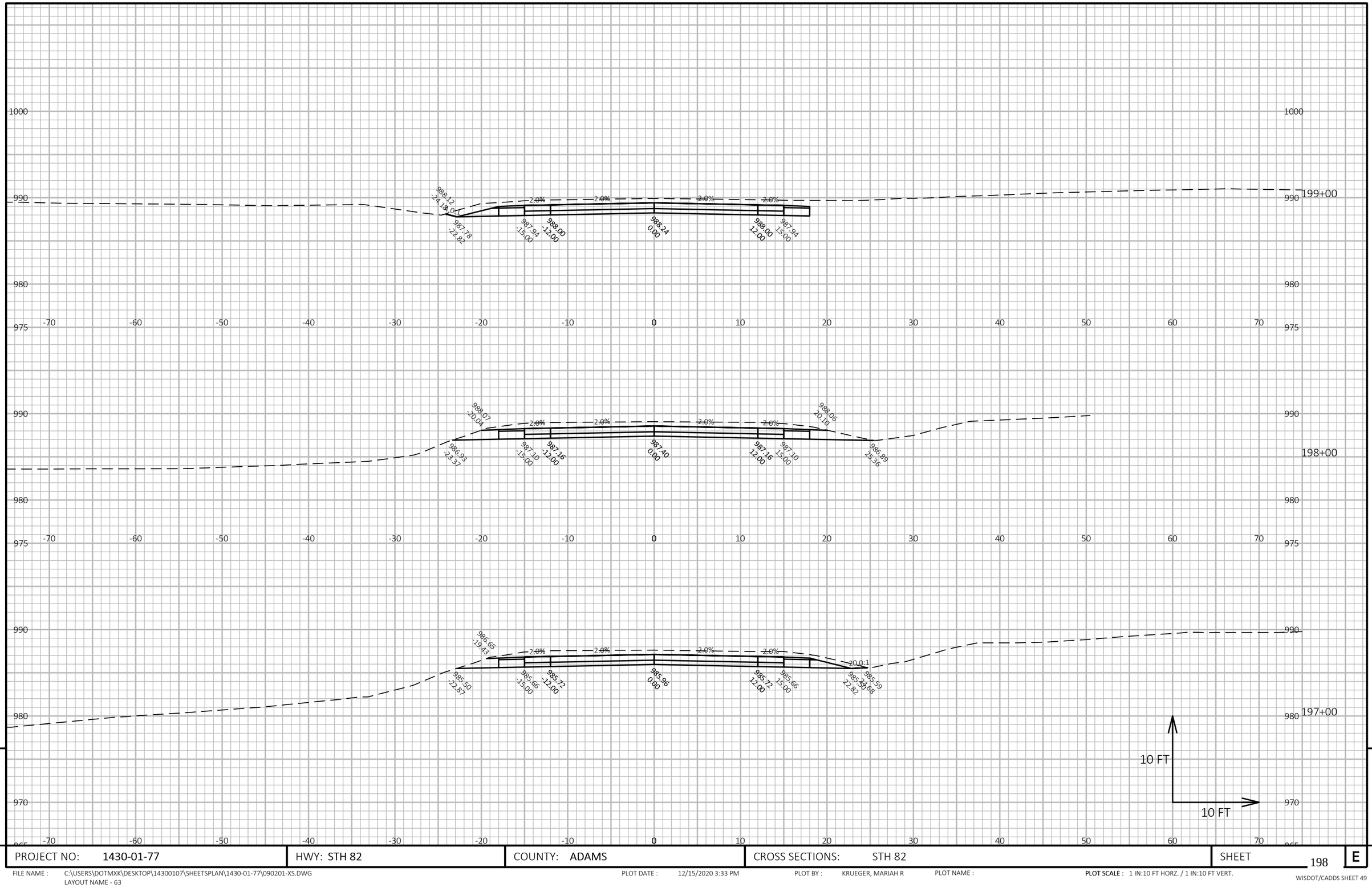
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 197	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 62

PLOT DATE : 12/15/2020 3:32 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49

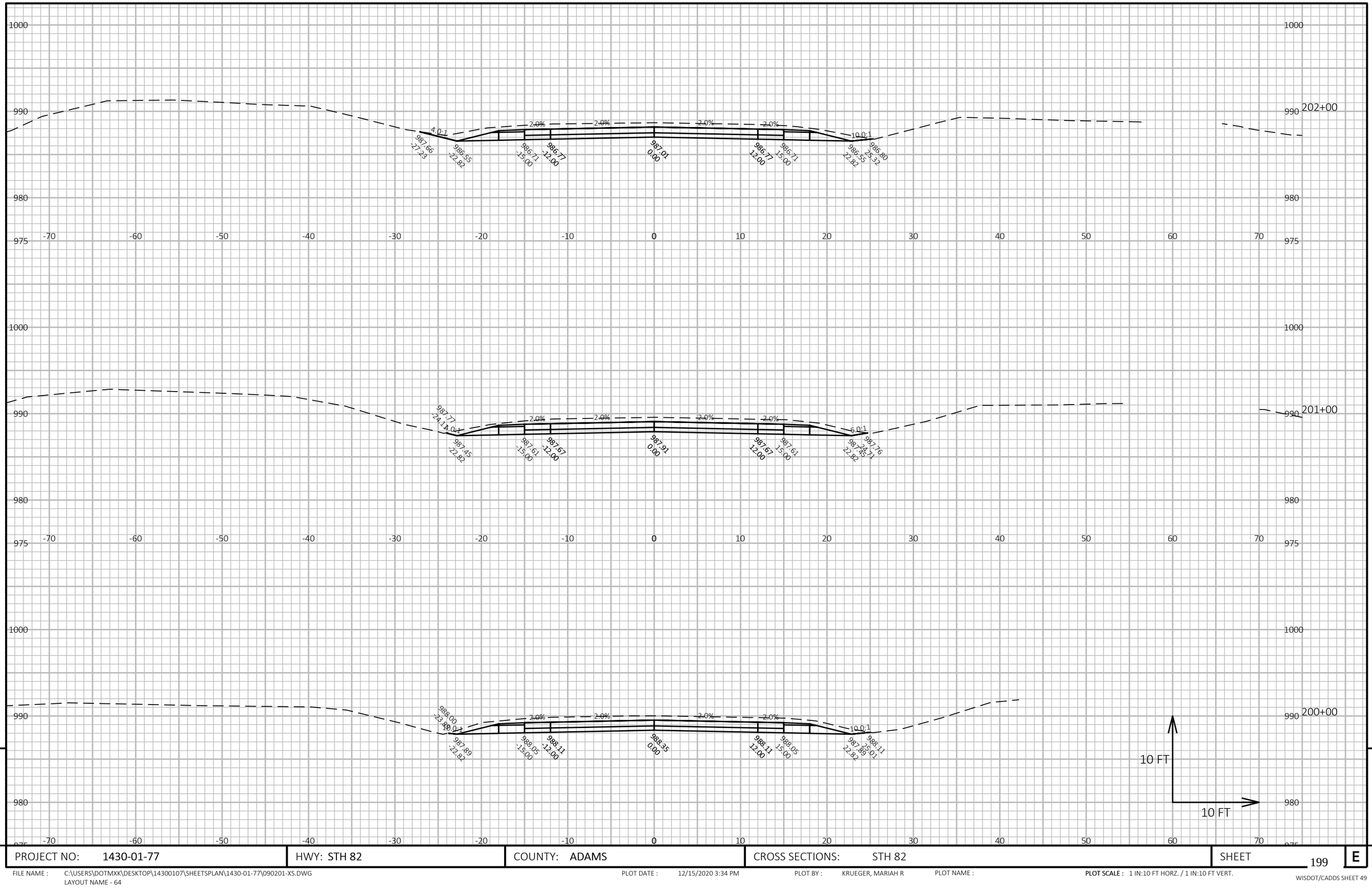


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 198 E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 63

PLOT DATE : 12/15/2020 3:33 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

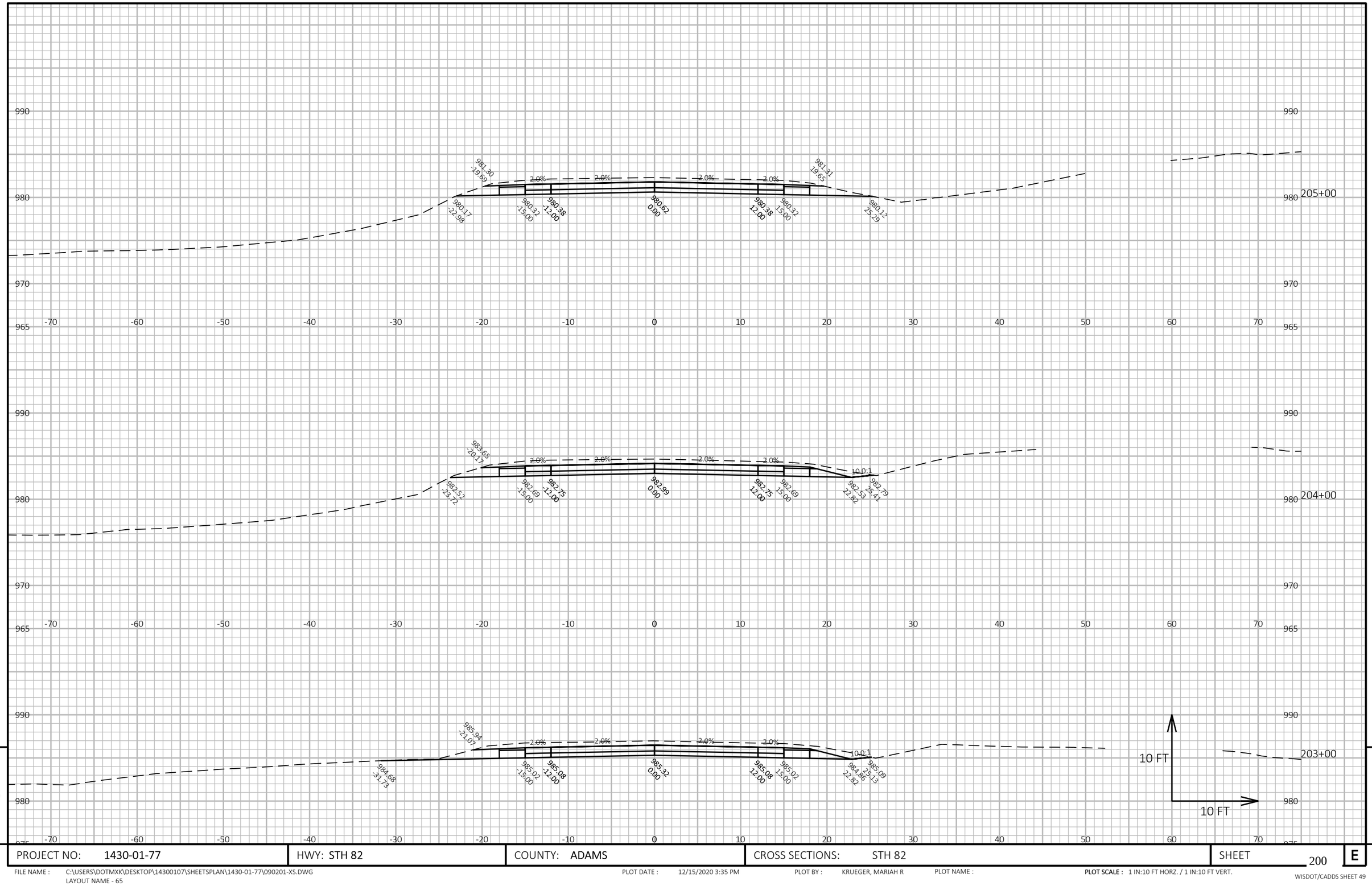


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 199	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 64

PLOT DATE : 12/15/2020 3:34 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 200	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 65

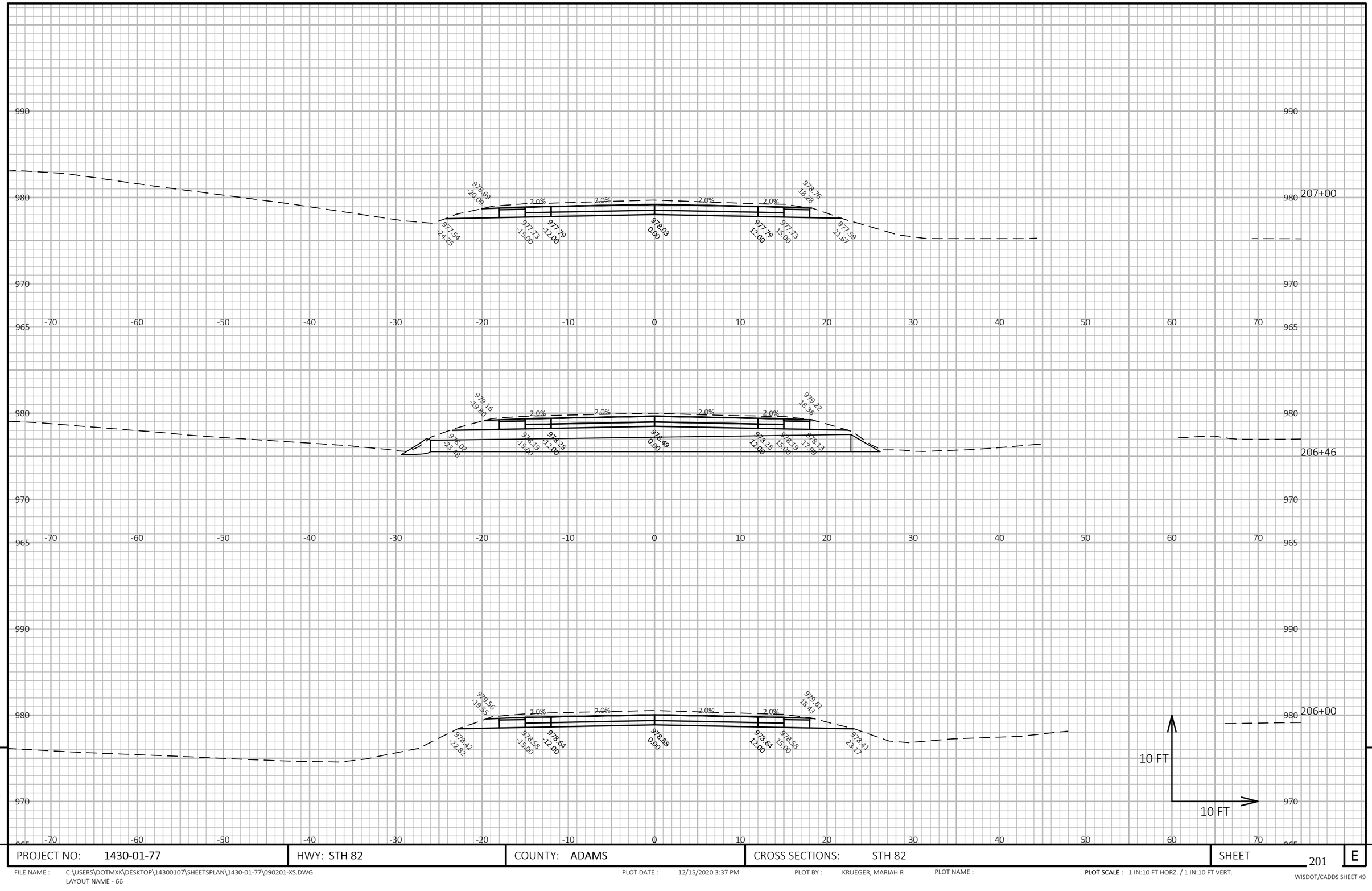
PLOT DATE : 12/15/2020 3:35 PM

PLOT BY : KRUEGER, MARIAH R

PLOT NAME :

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

WISDOT/CADDS SHEET 49

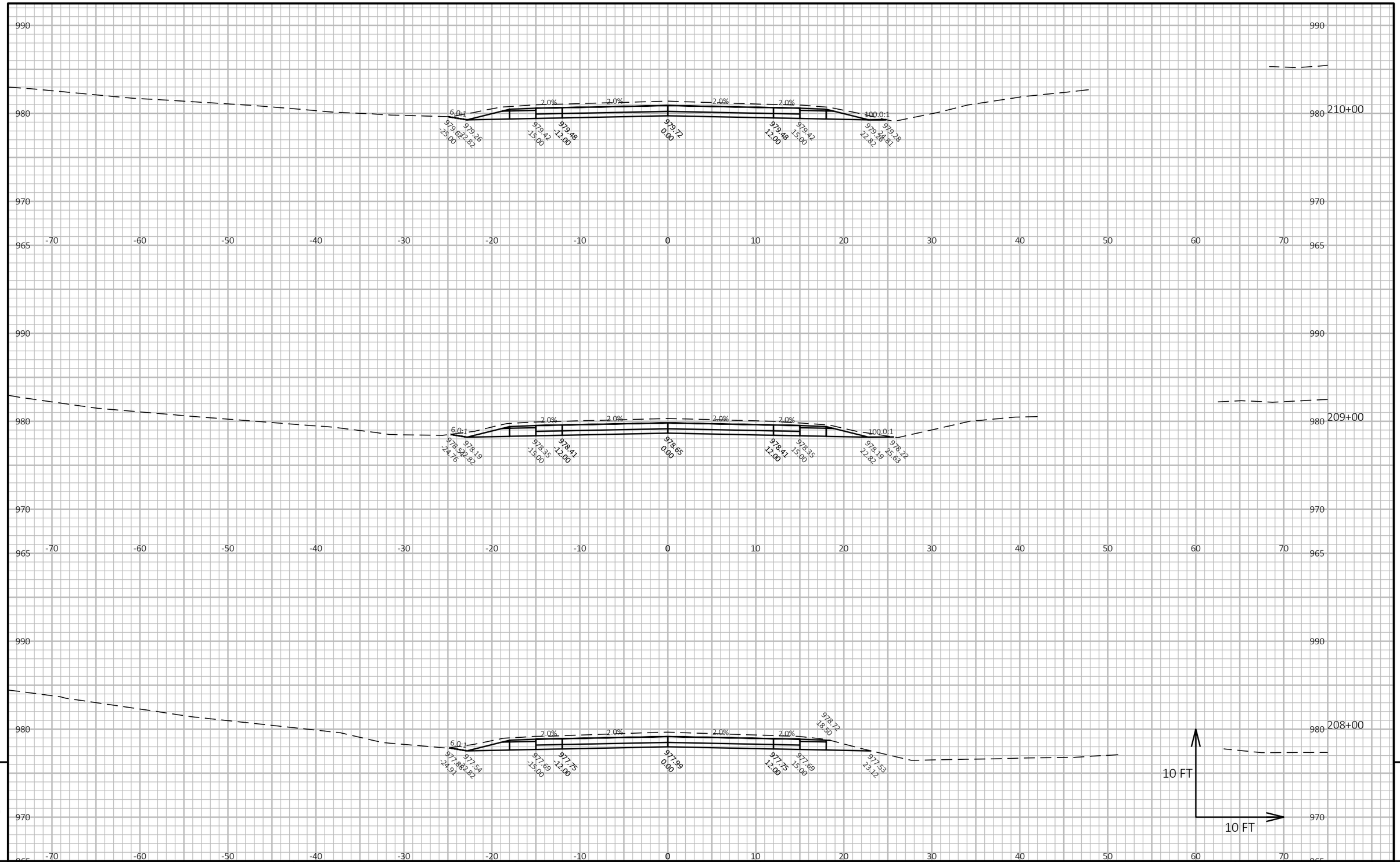


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 201 E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 66

PLOT DATE : 12/15/2020 3:37 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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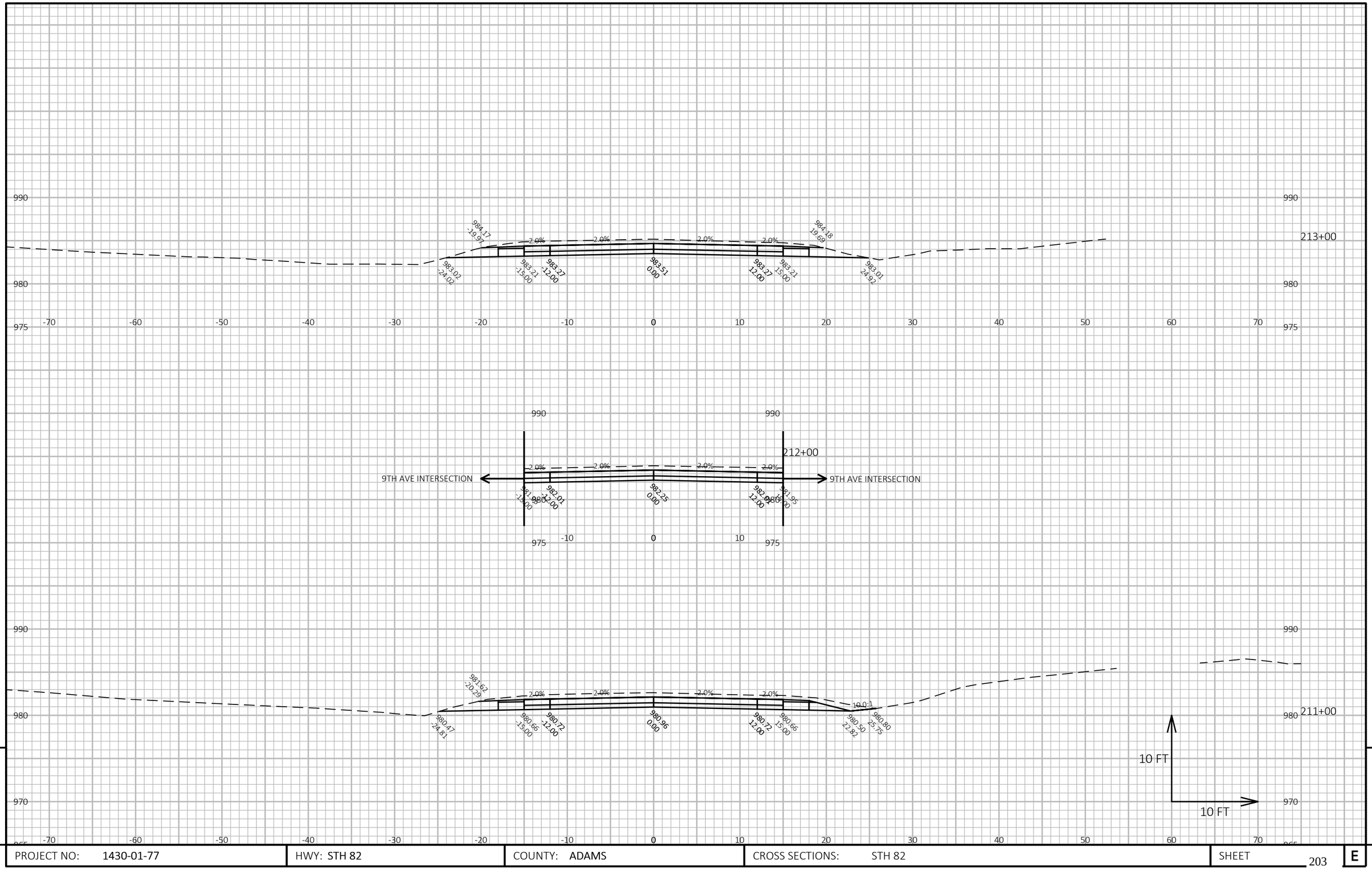
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 202	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 67

PLOT DATE : 12/15/2020 3:38 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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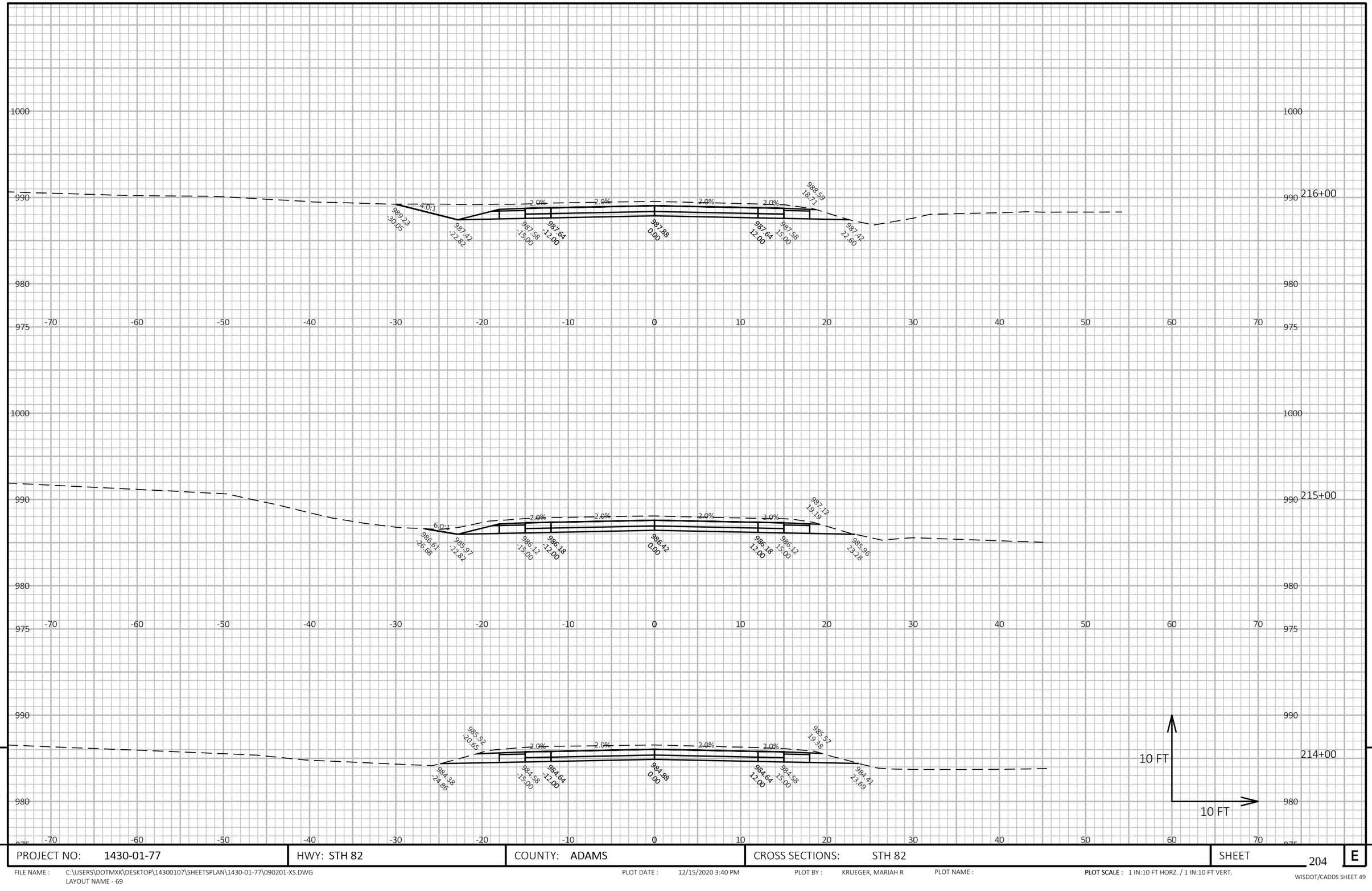
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 203	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 68

PLOT DATE : 12/15/2020 3:39 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9



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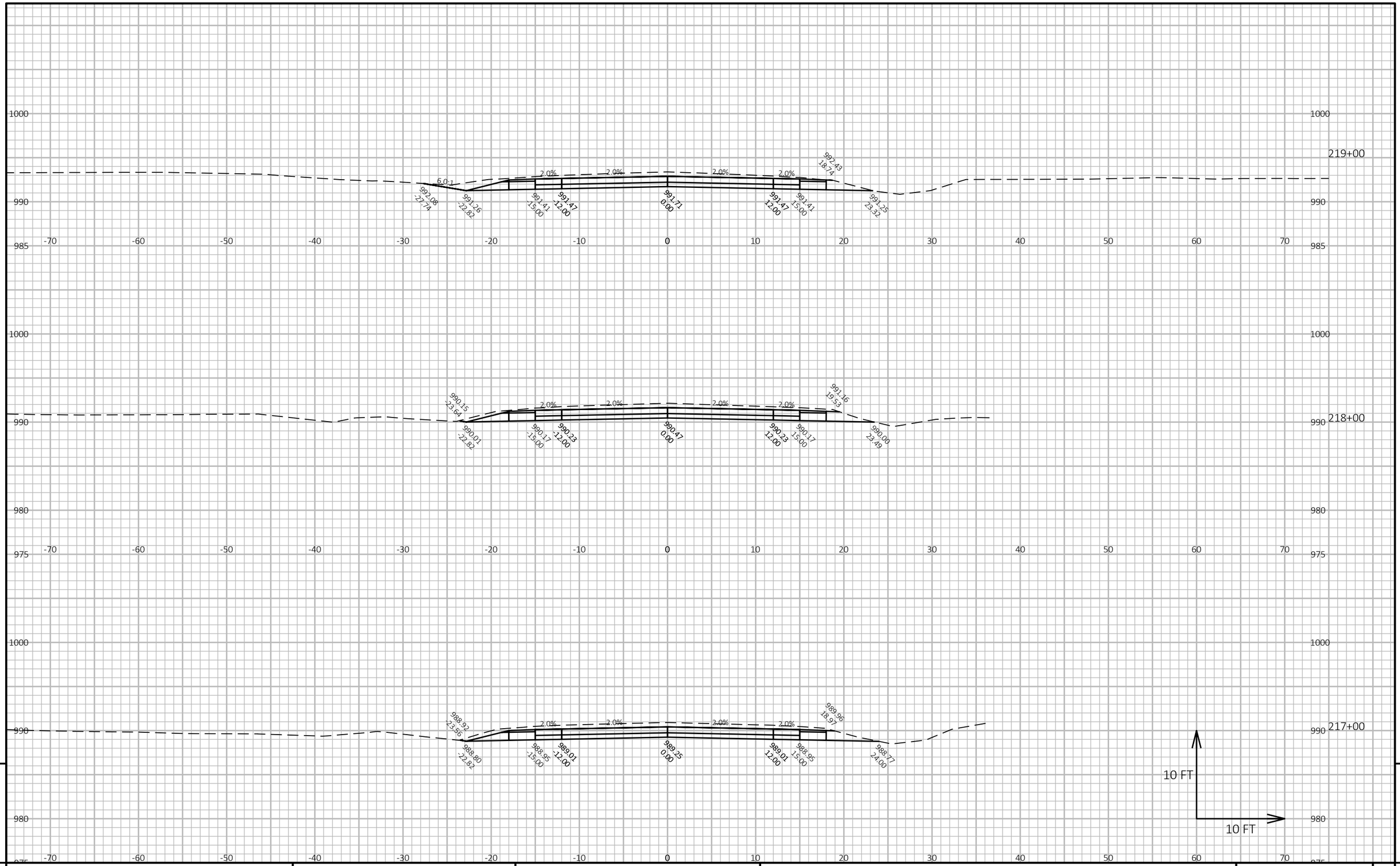
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 204	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 69

PLOT DATE : 12/15/2020 3:40 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49

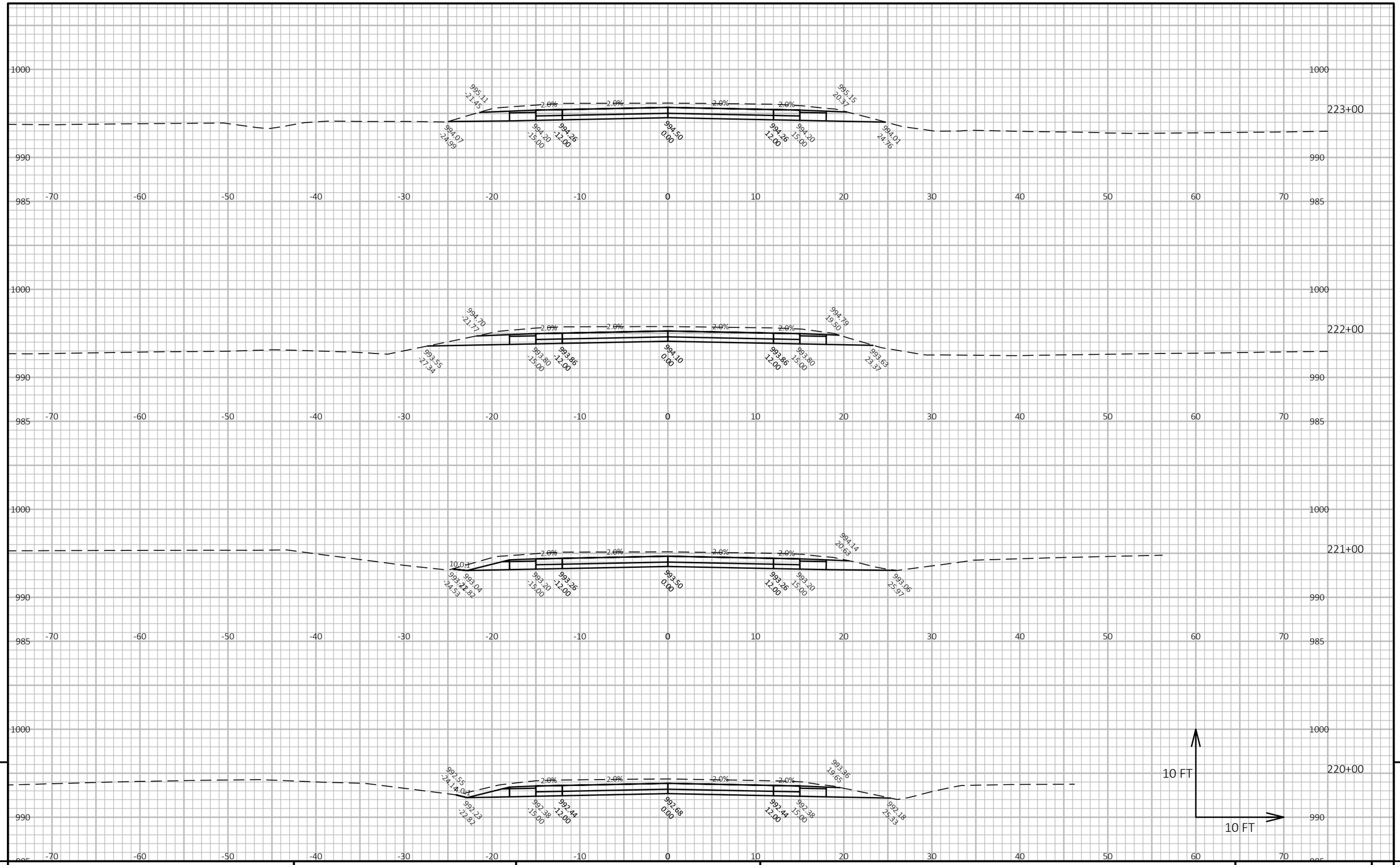


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 205	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 70

PLOT DATE : 12/15/2020 3:41 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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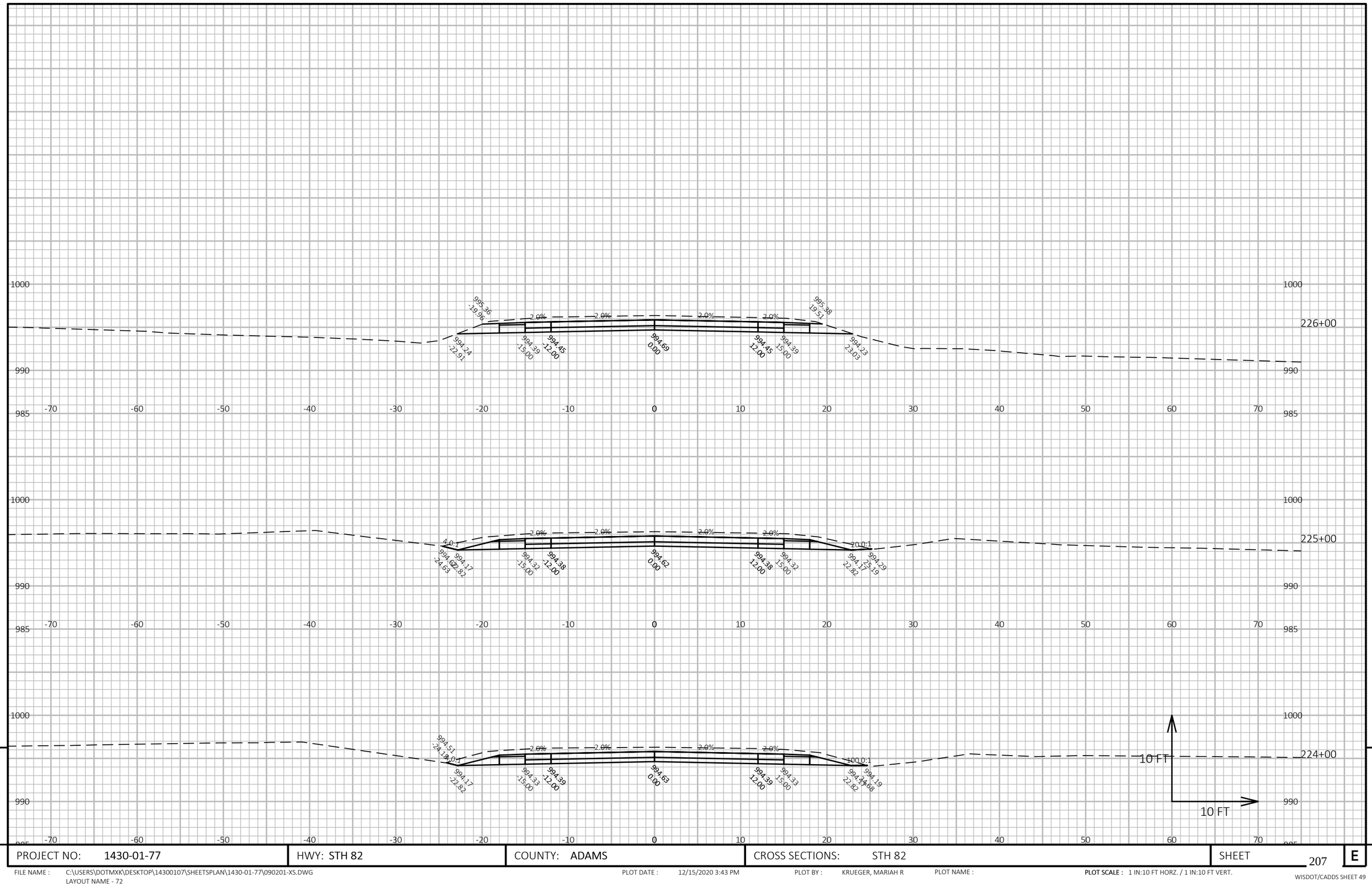
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 206	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 71

PLOT DATE : 12/15/2020 3:42 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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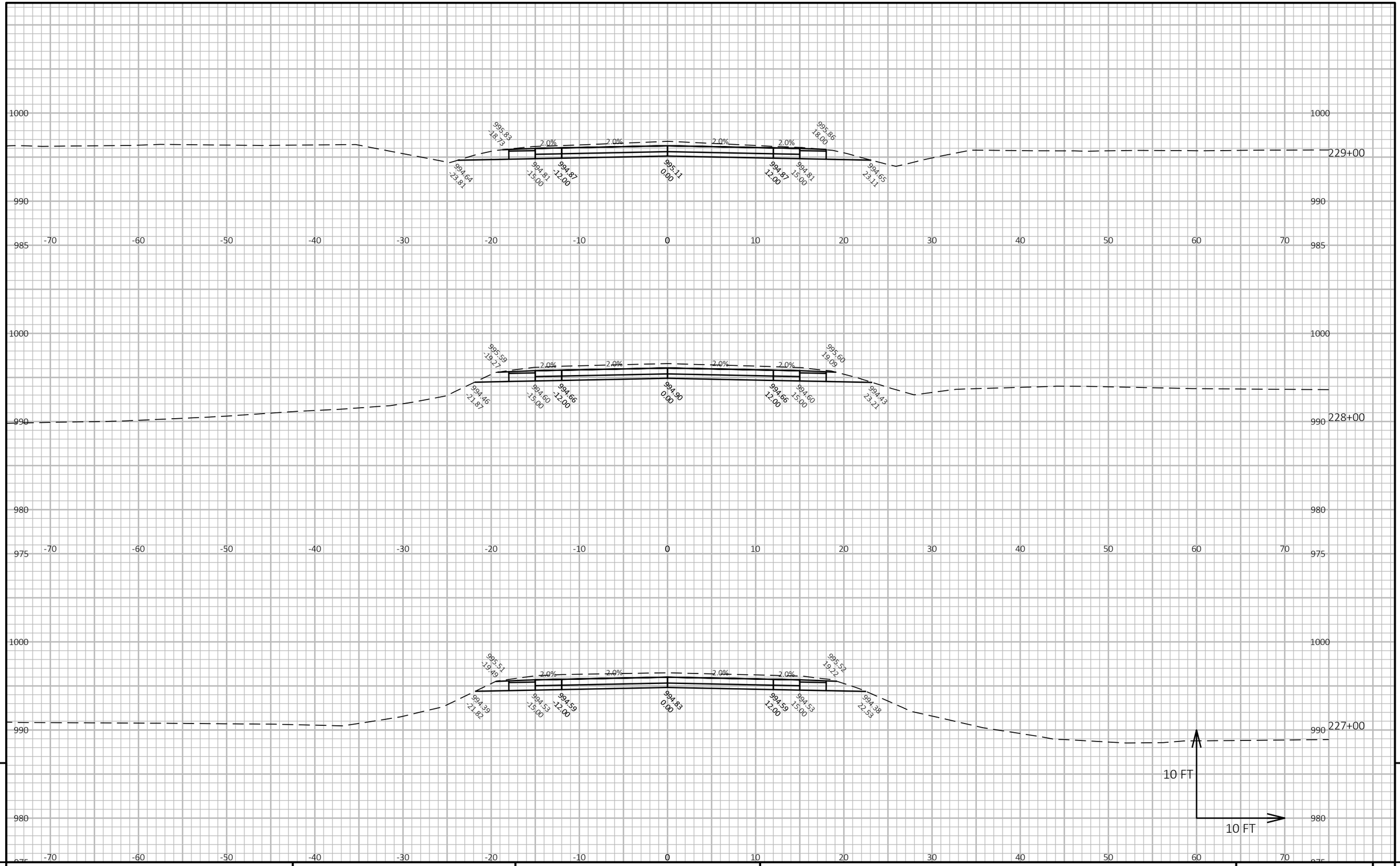
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 207	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 72

PLOT DATE : 12/15/2020 3:43 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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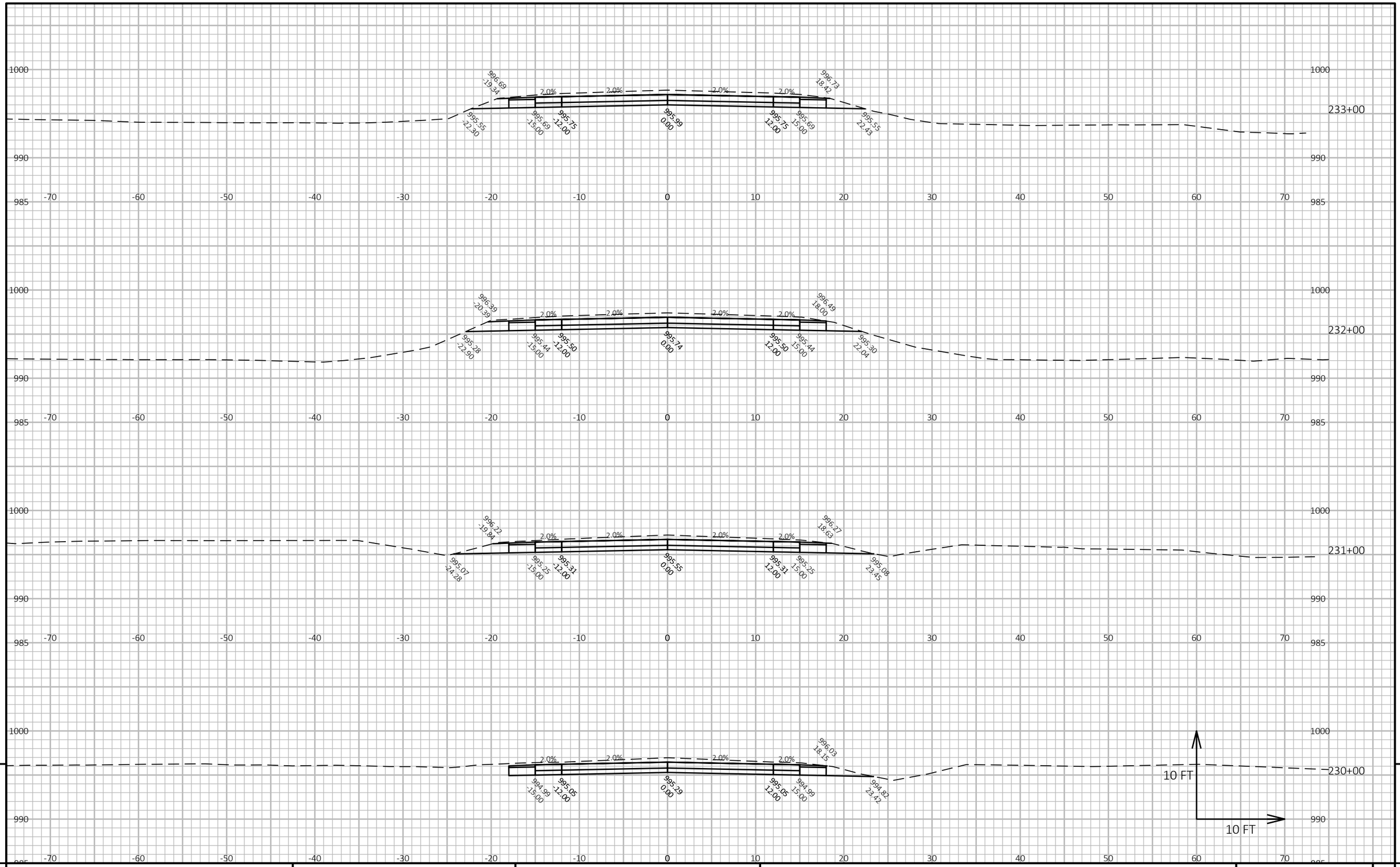
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 208	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 73

PLOT DATE : 12/15/2020 3:44 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9

9

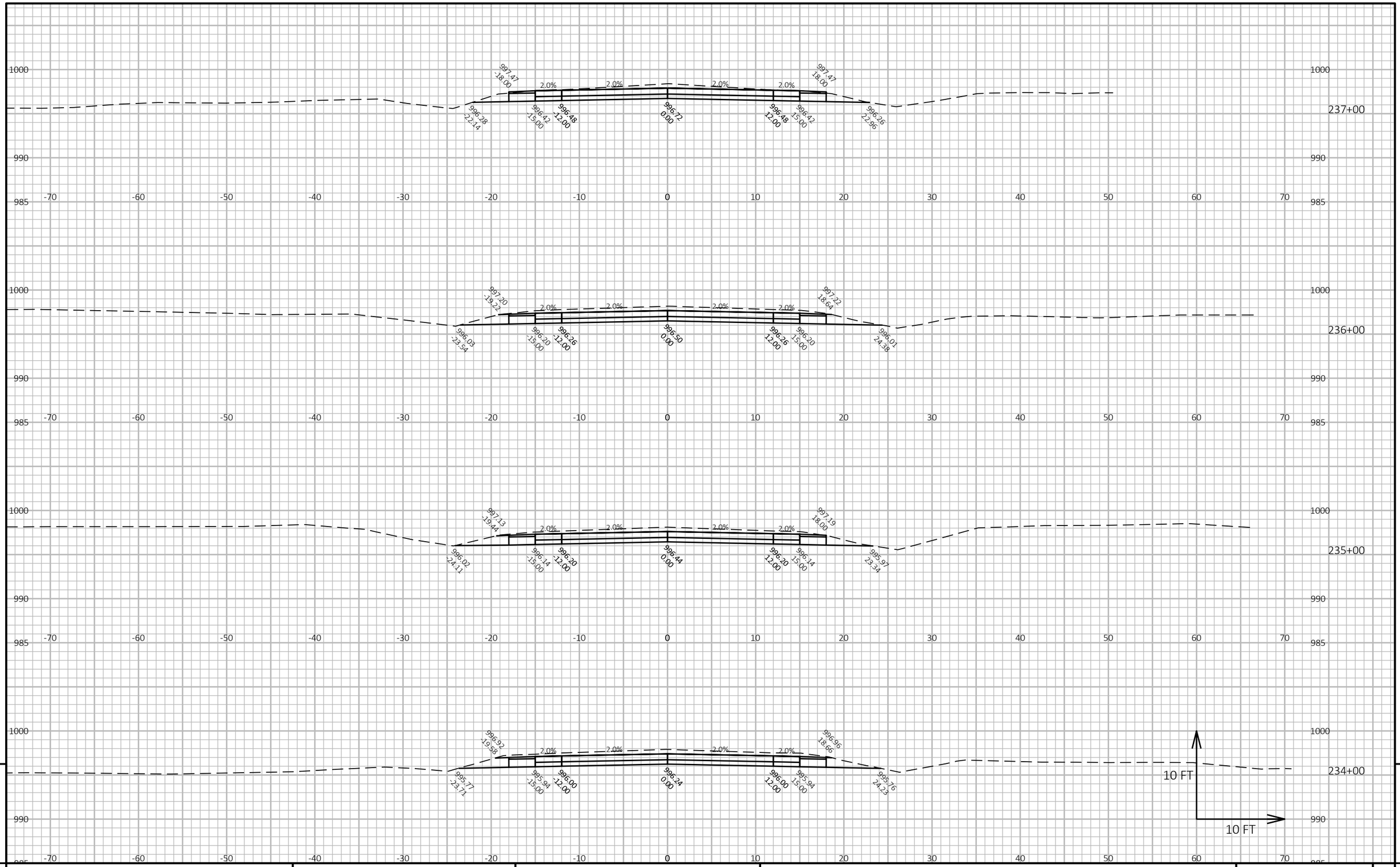
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 209	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 74

PLOT DATE : 12/15/2020 3:45 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9

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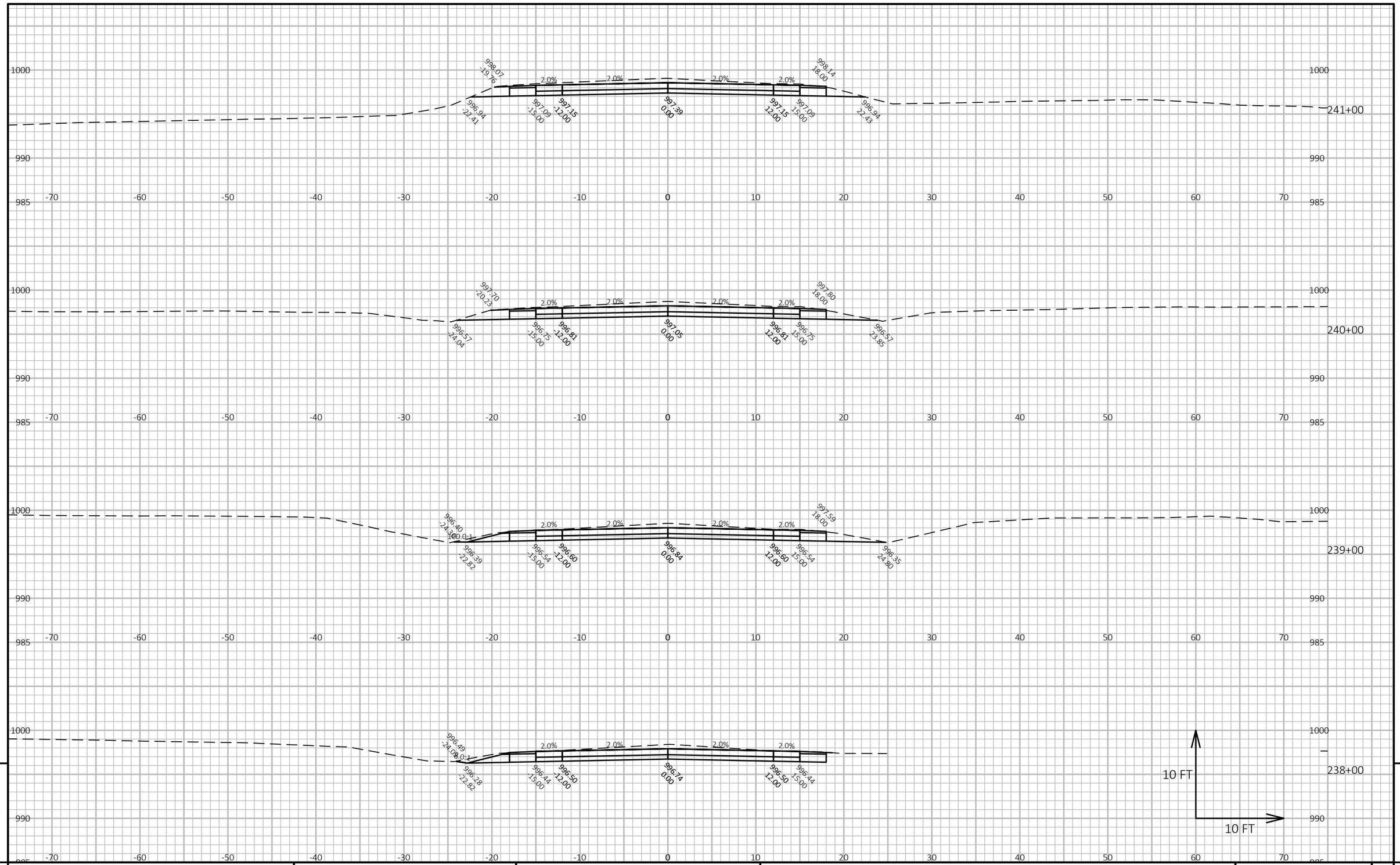
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 210	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 75

PLOT DATE : 12/15/2020 3:46 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



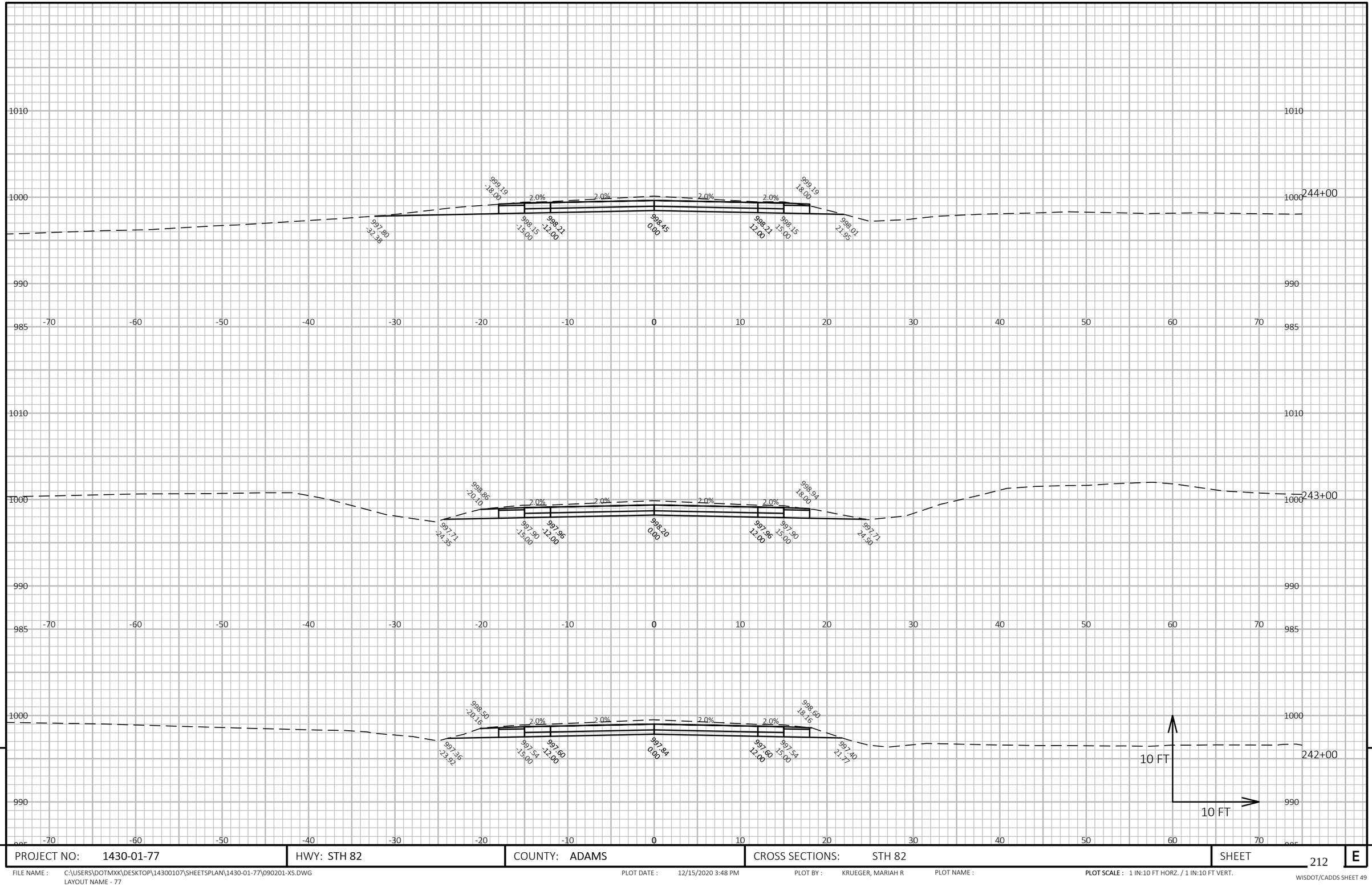
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 211	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 76

PLOT DATE : 12/15/2020 3:47 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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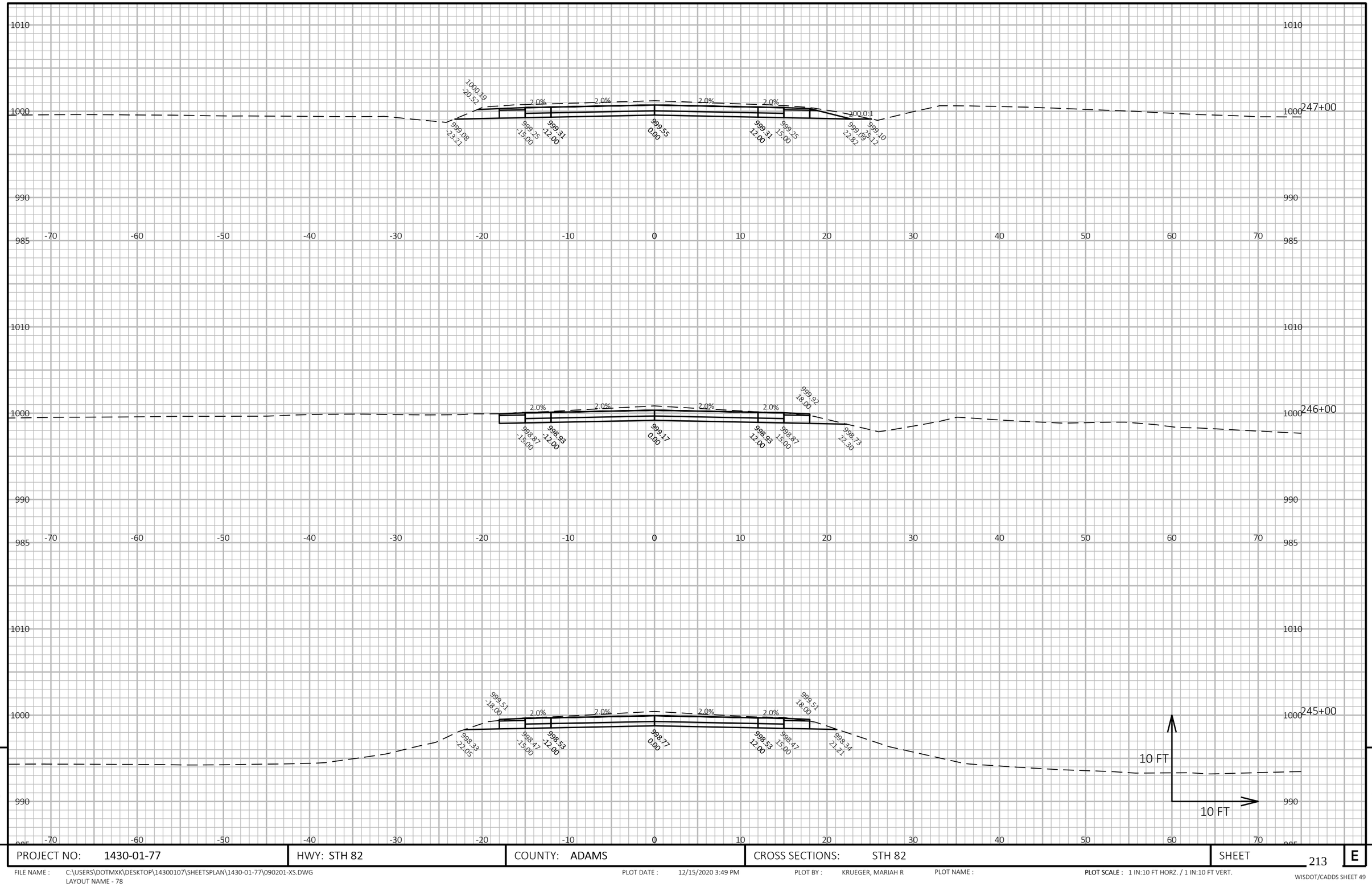
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 212	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 77

PLOT DATE : 12/15/2020 3:48 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49

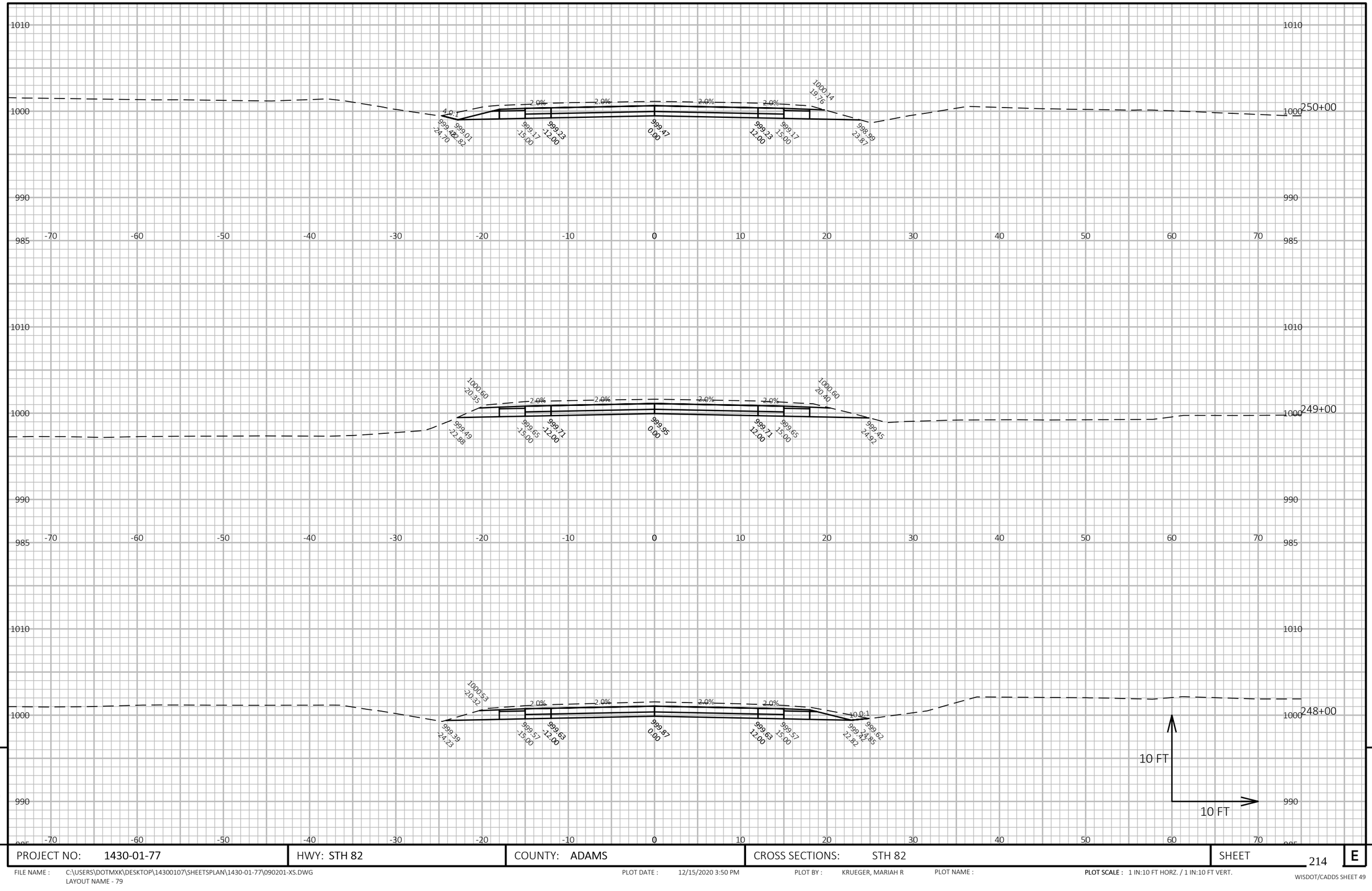


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 213	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 78

PLOT DATE : 12/15/2020 3:49 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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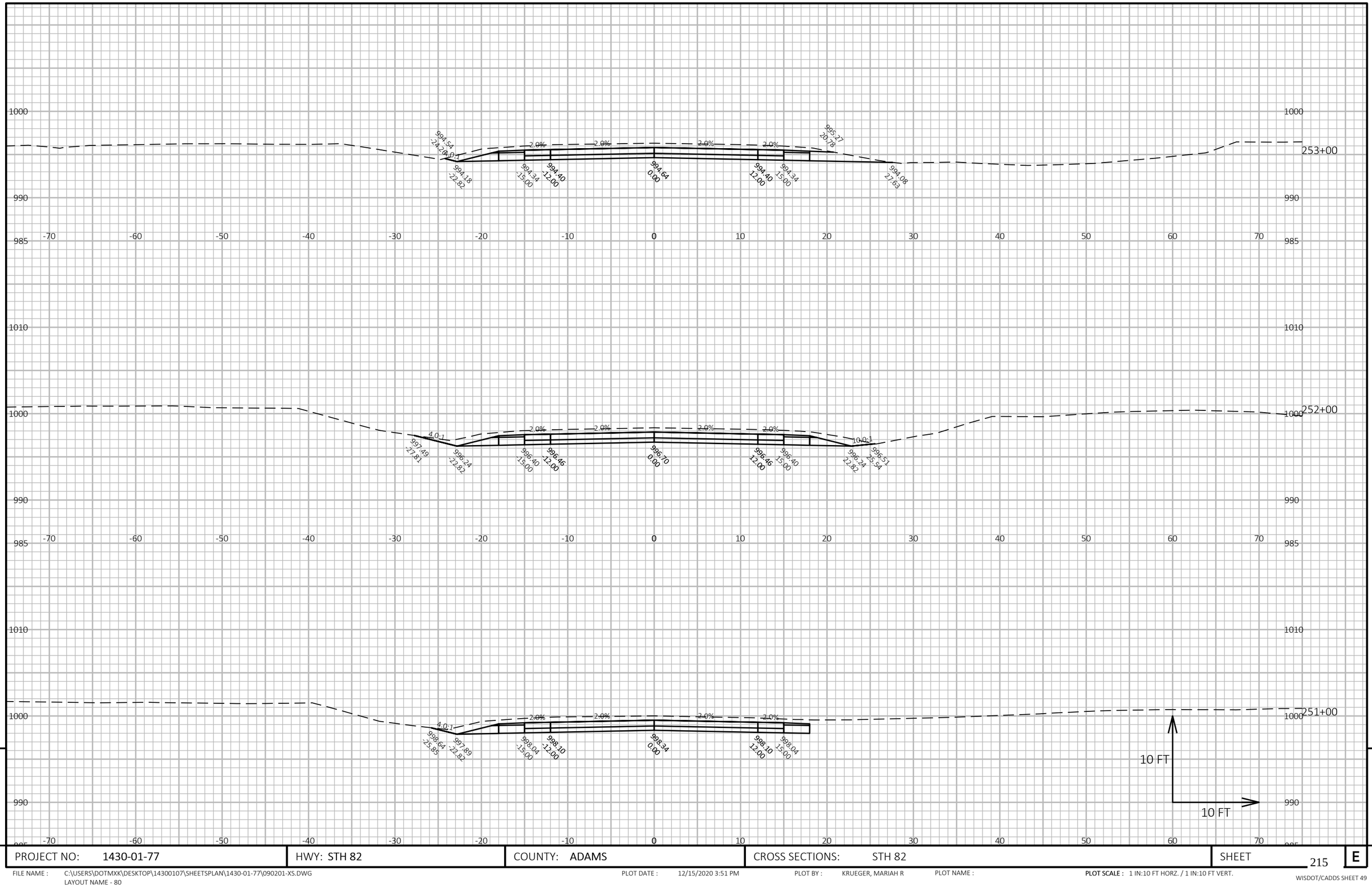
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 214	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 79

PLOT DATE : 12/15/2020 3:50 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

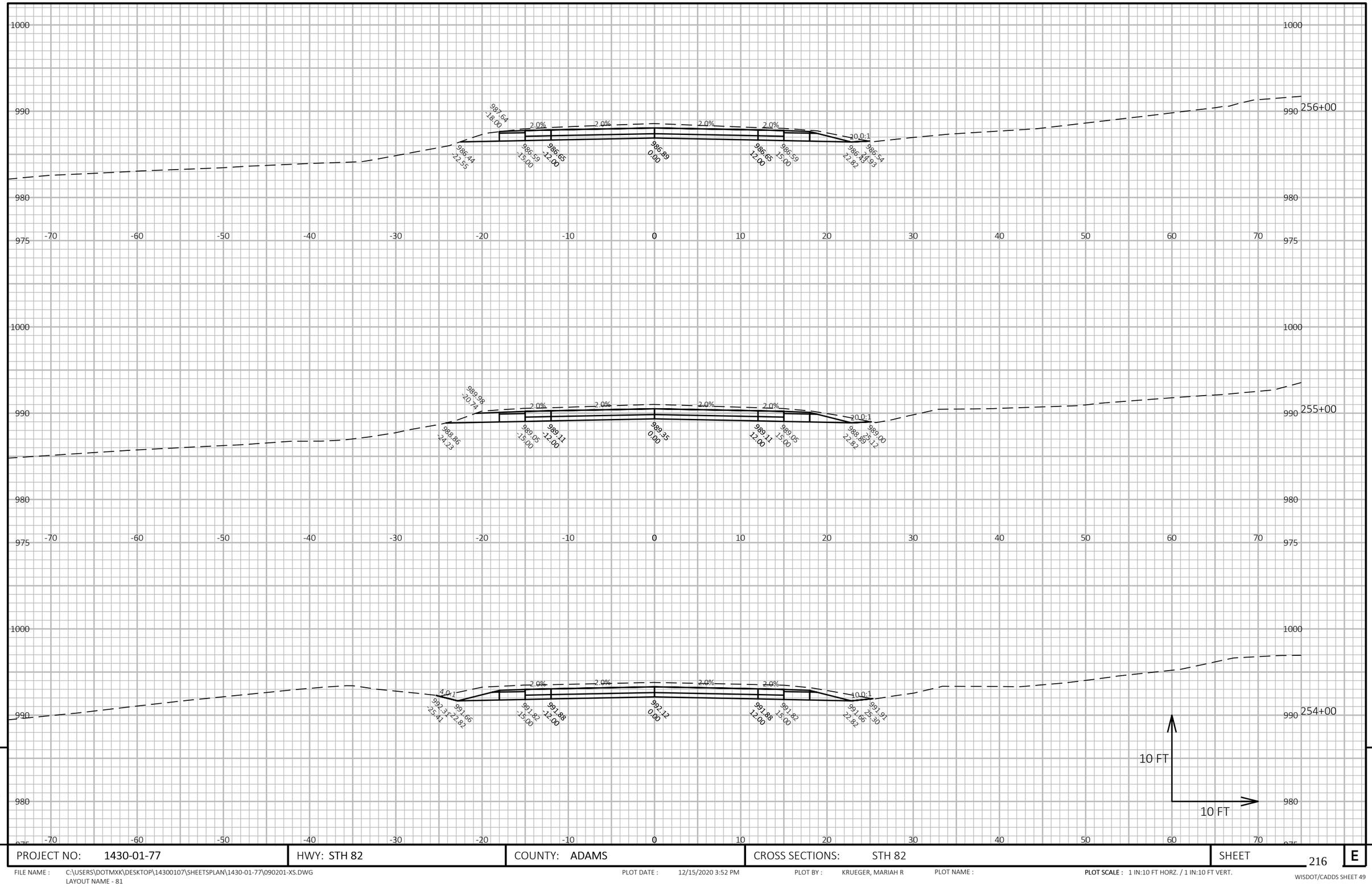


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 215	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 80

PLOT DATE : 12/15/2020 3:51 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

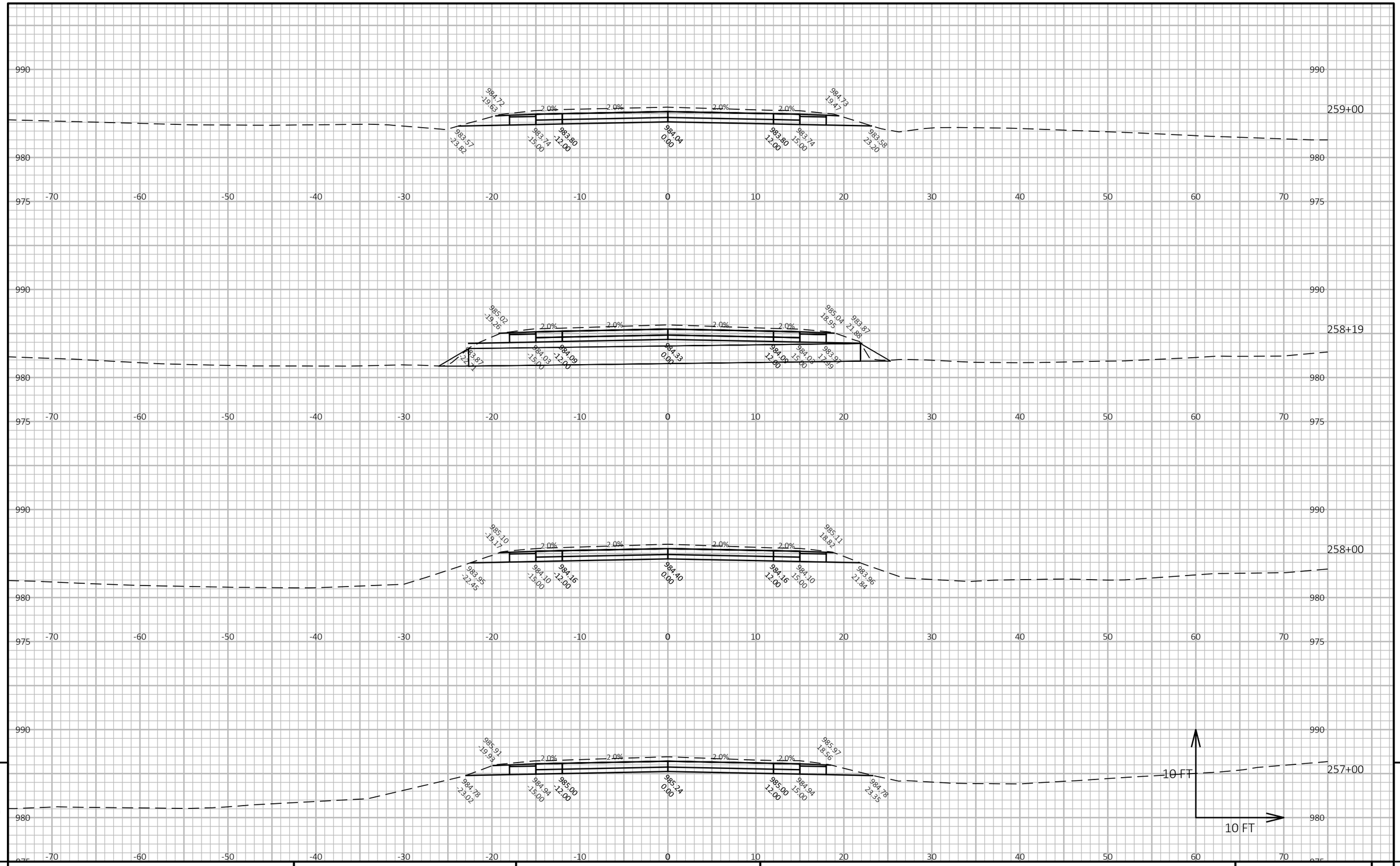
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 216	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 81

PLOT DATE : 12/15/2020 3:52 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9 9

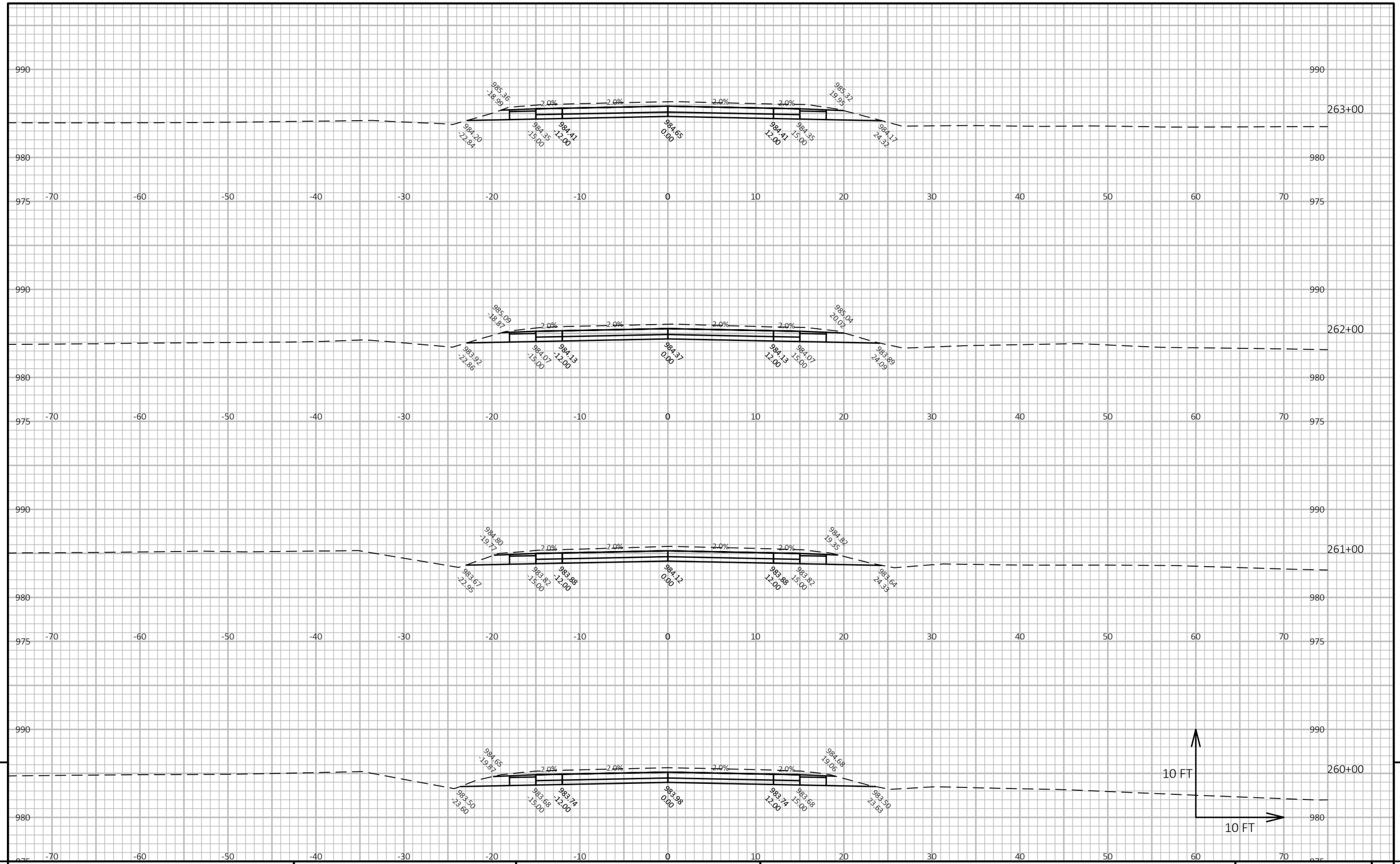
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 217	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 82

PLOT DATE : 12/15/2020 3:53 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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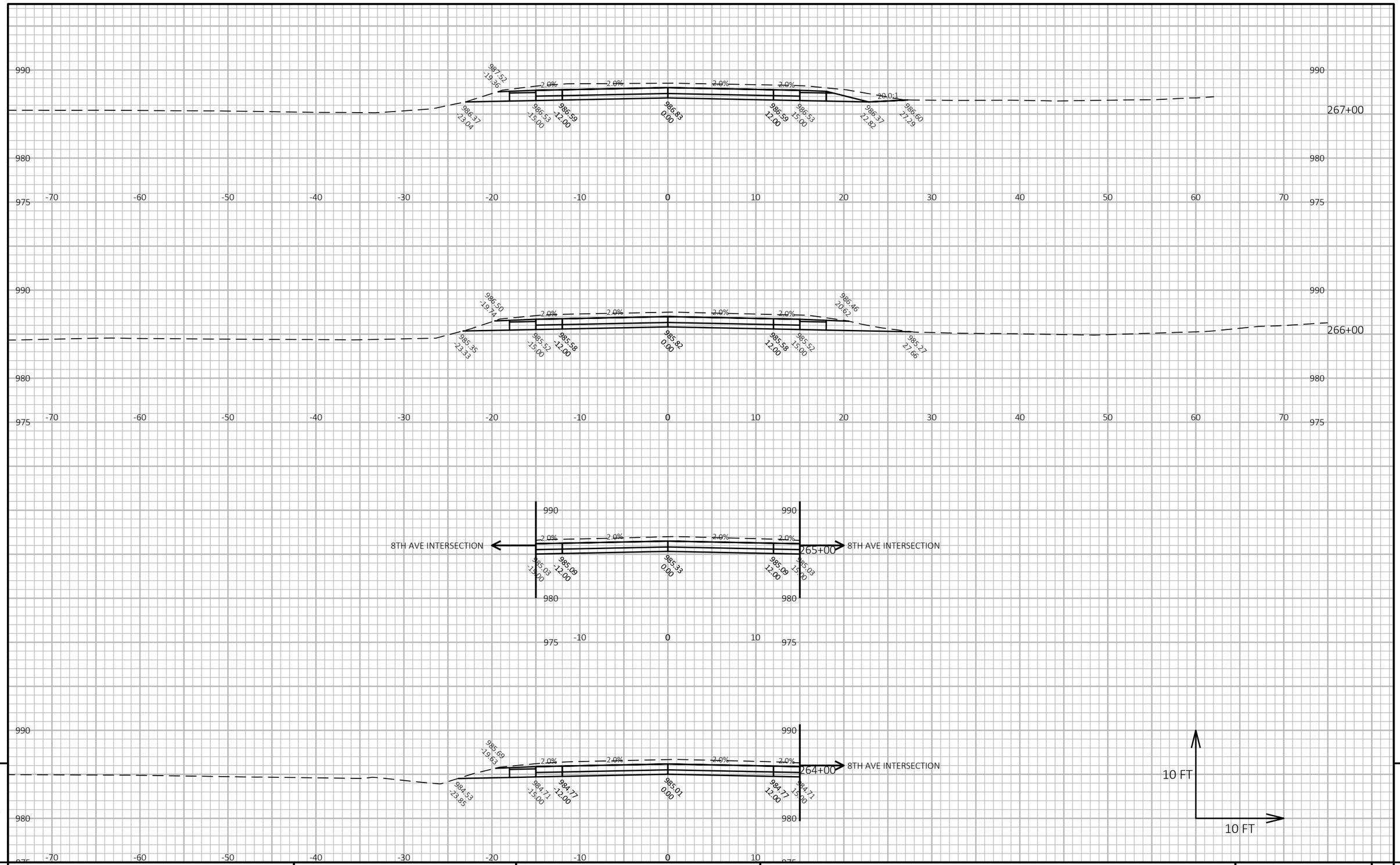
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 218	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 83

PLOT DATE : 12/15/2020 3:54 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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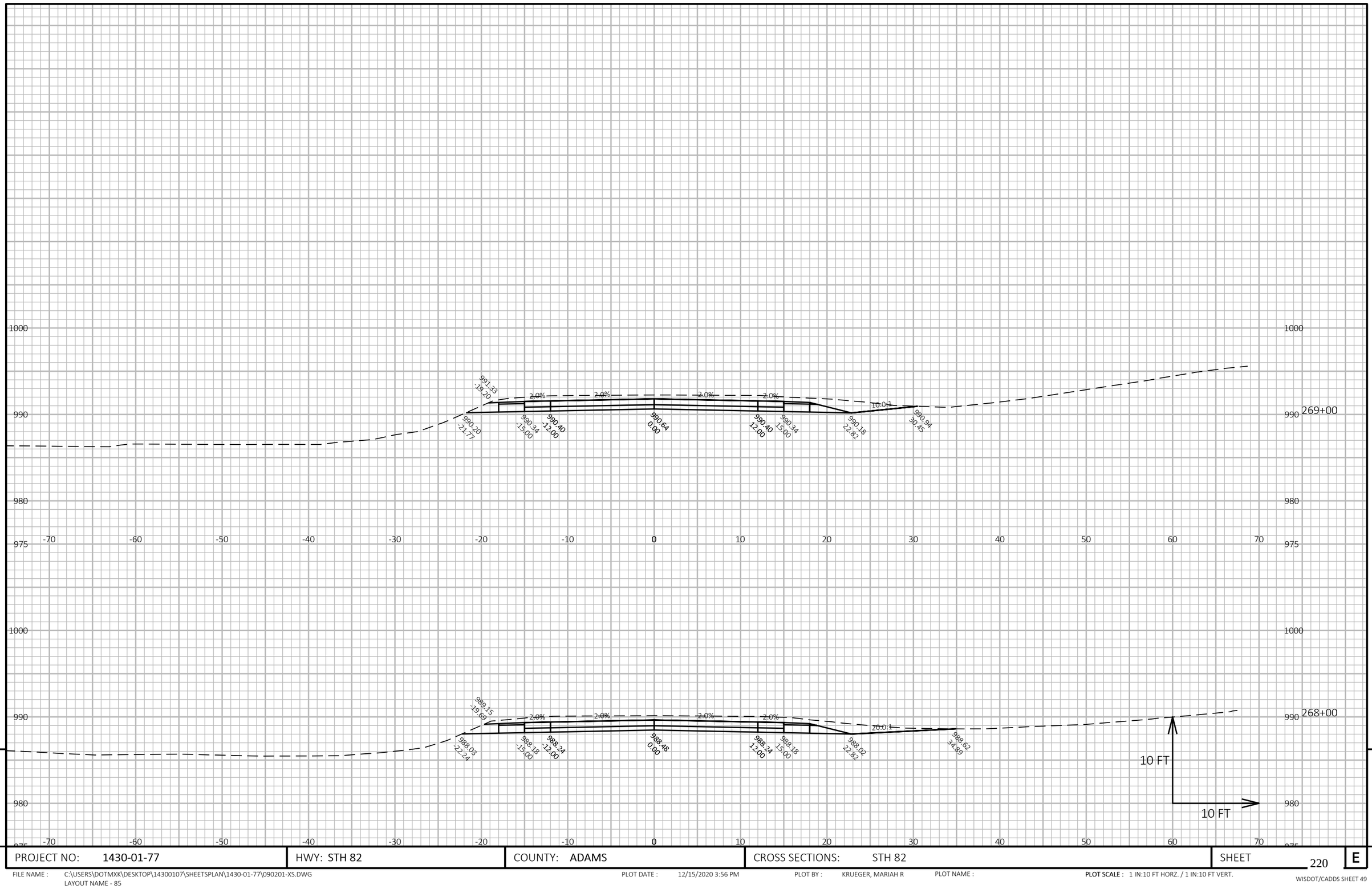
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 219	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 84

PLOT DATE : 12/15/2020 3:55 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

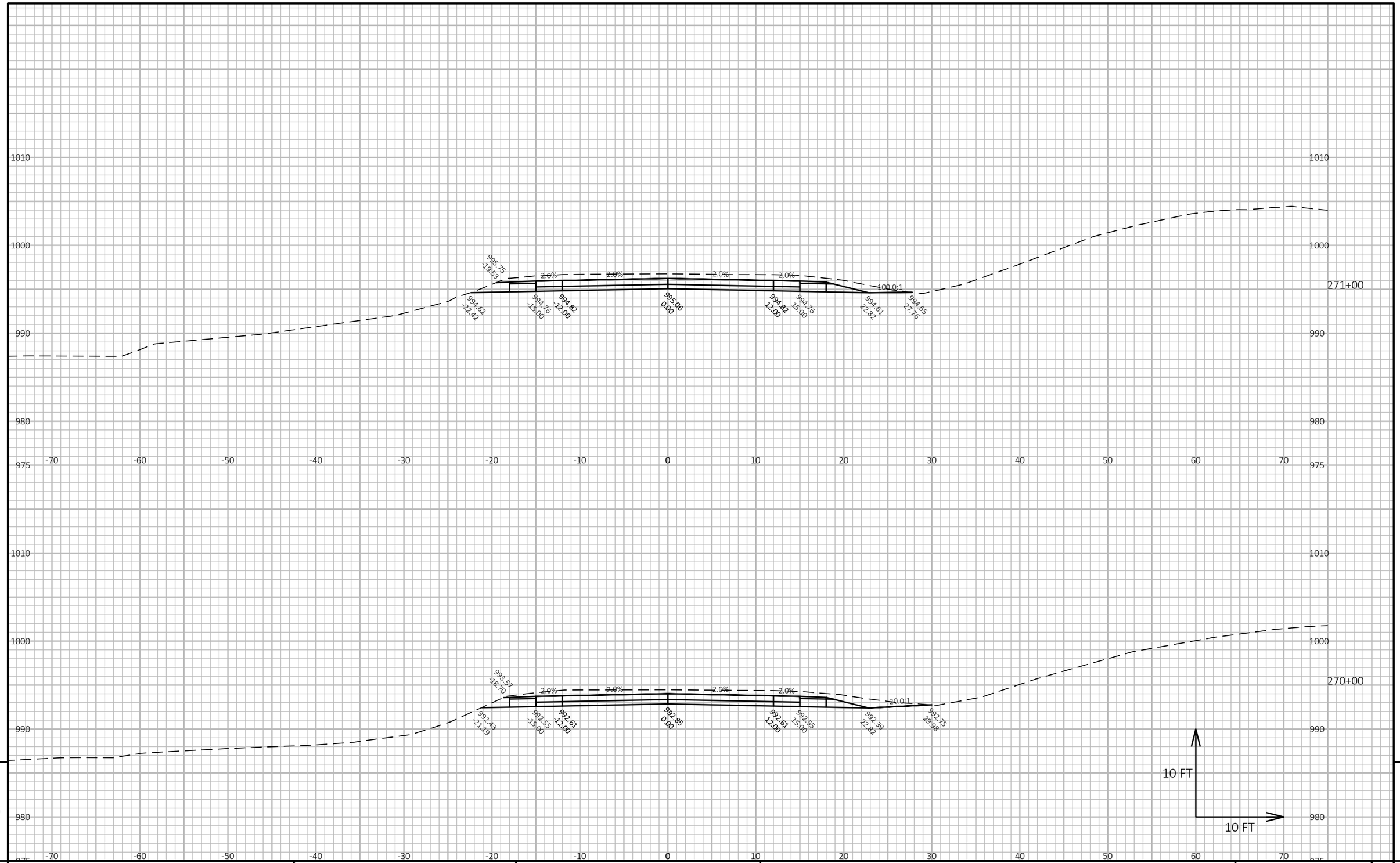


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 220	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 85

PLOT DATE : 12/15/2020 3:56 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 221	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 86

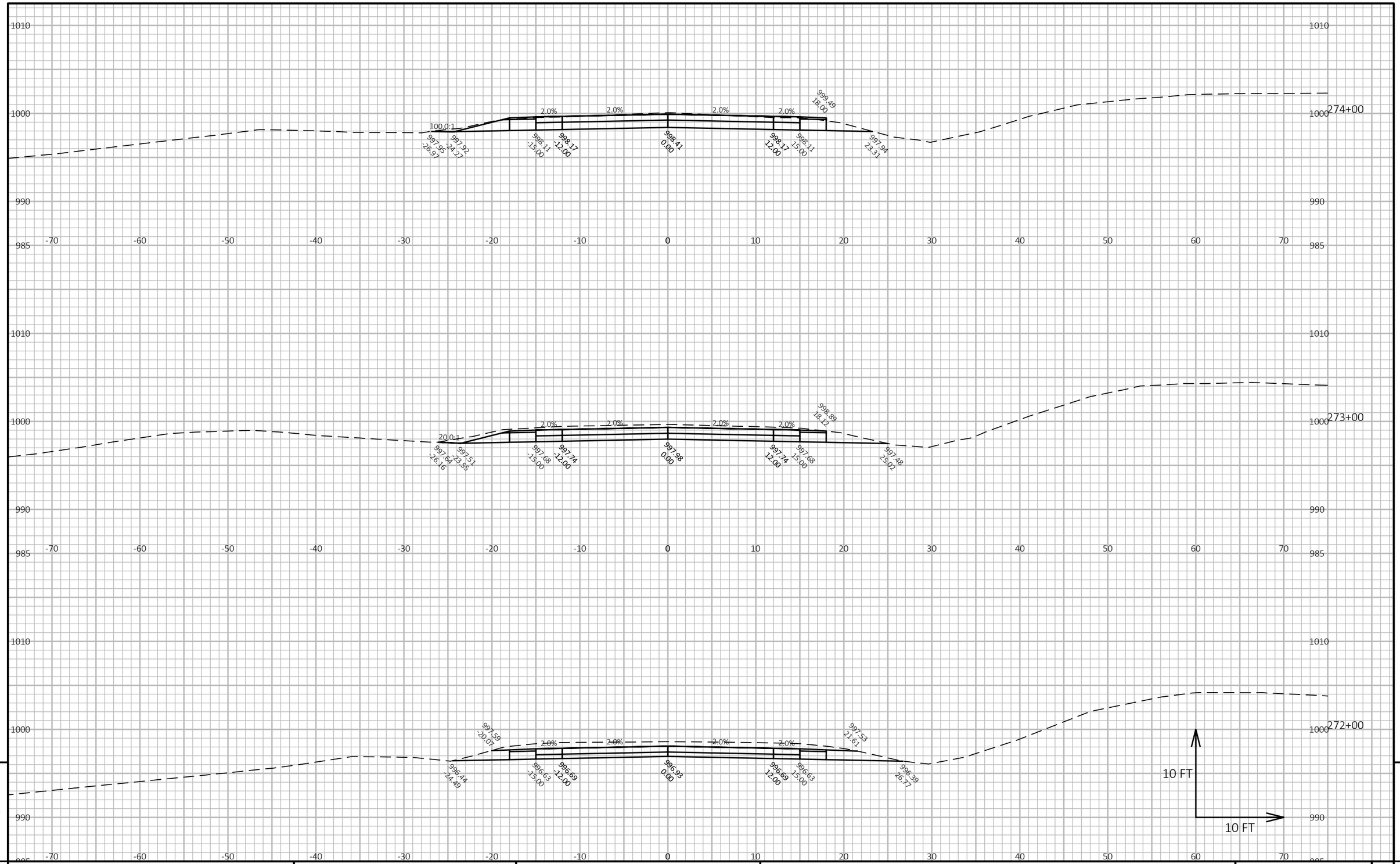
PLOT DATE : 12/15/2020 3:57 PM

PLOT BY : KRUEGER, MARIAH R

PLOT NAME :

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

WISDOT/CADDS SHEET 49



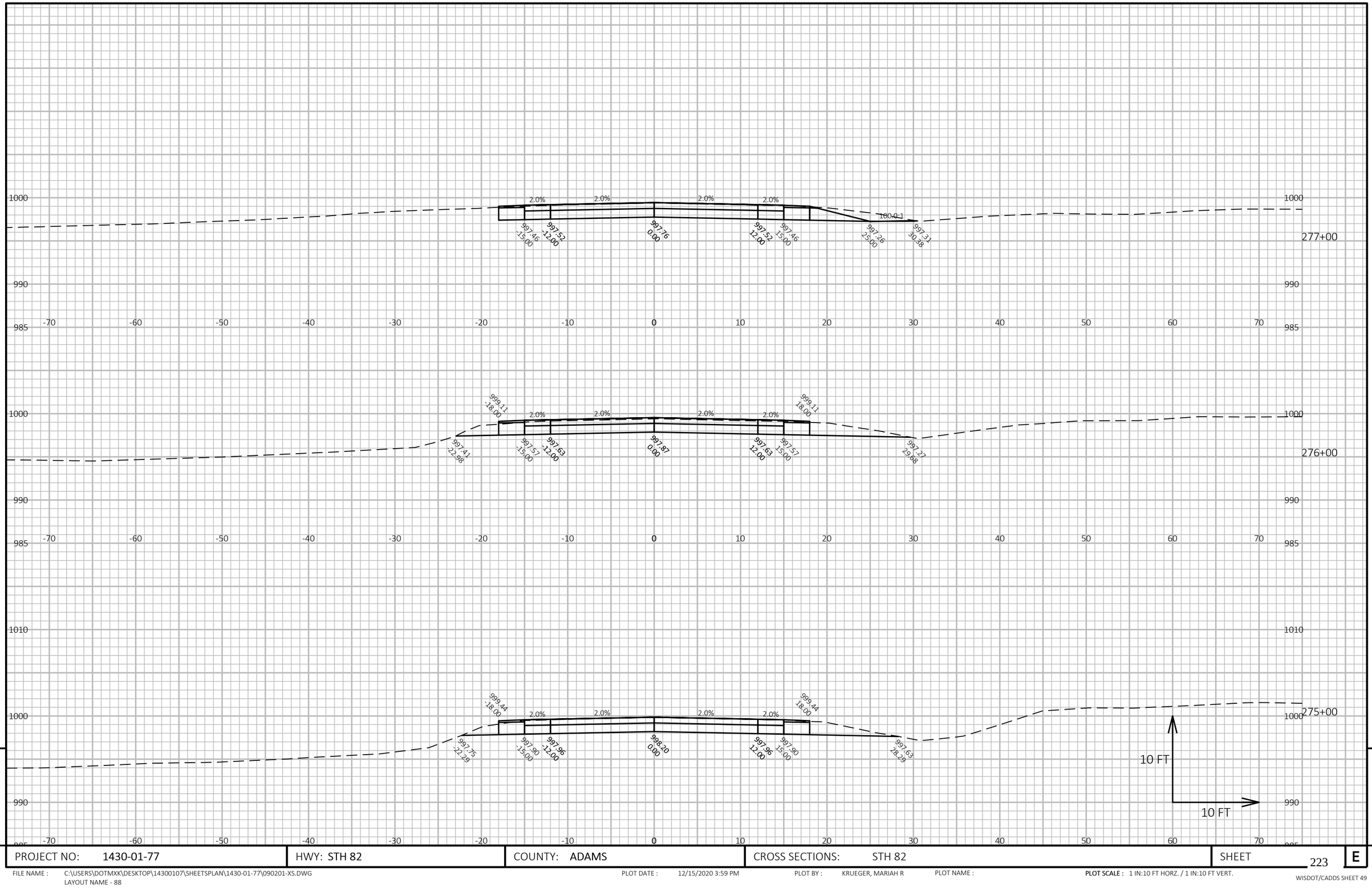
9 9

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 222 E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 87

PLOT DATE : 12/15/2020 3:58 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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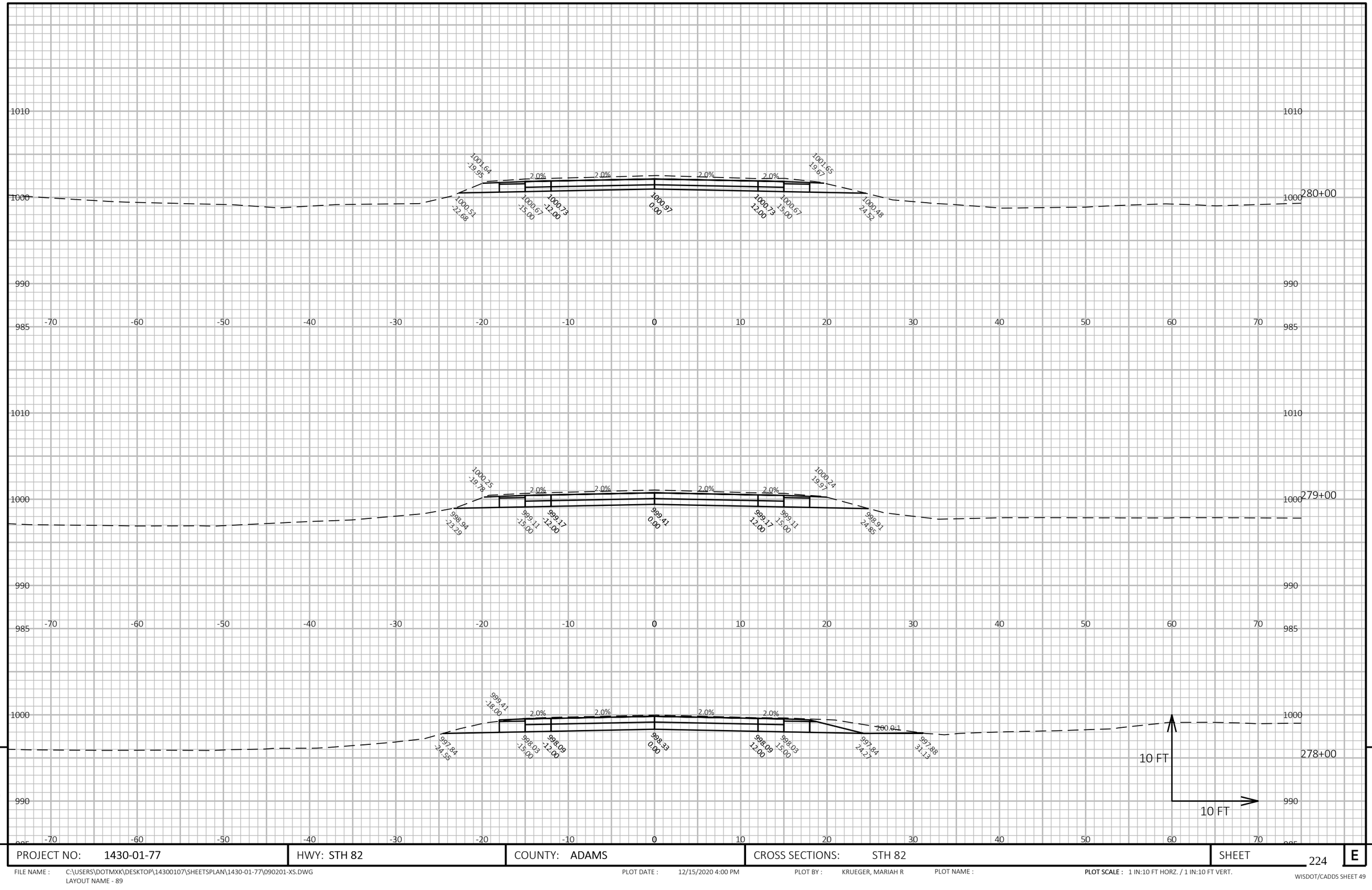
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 223	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 88

PLOT DATE : 12/15/2020 3:59 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



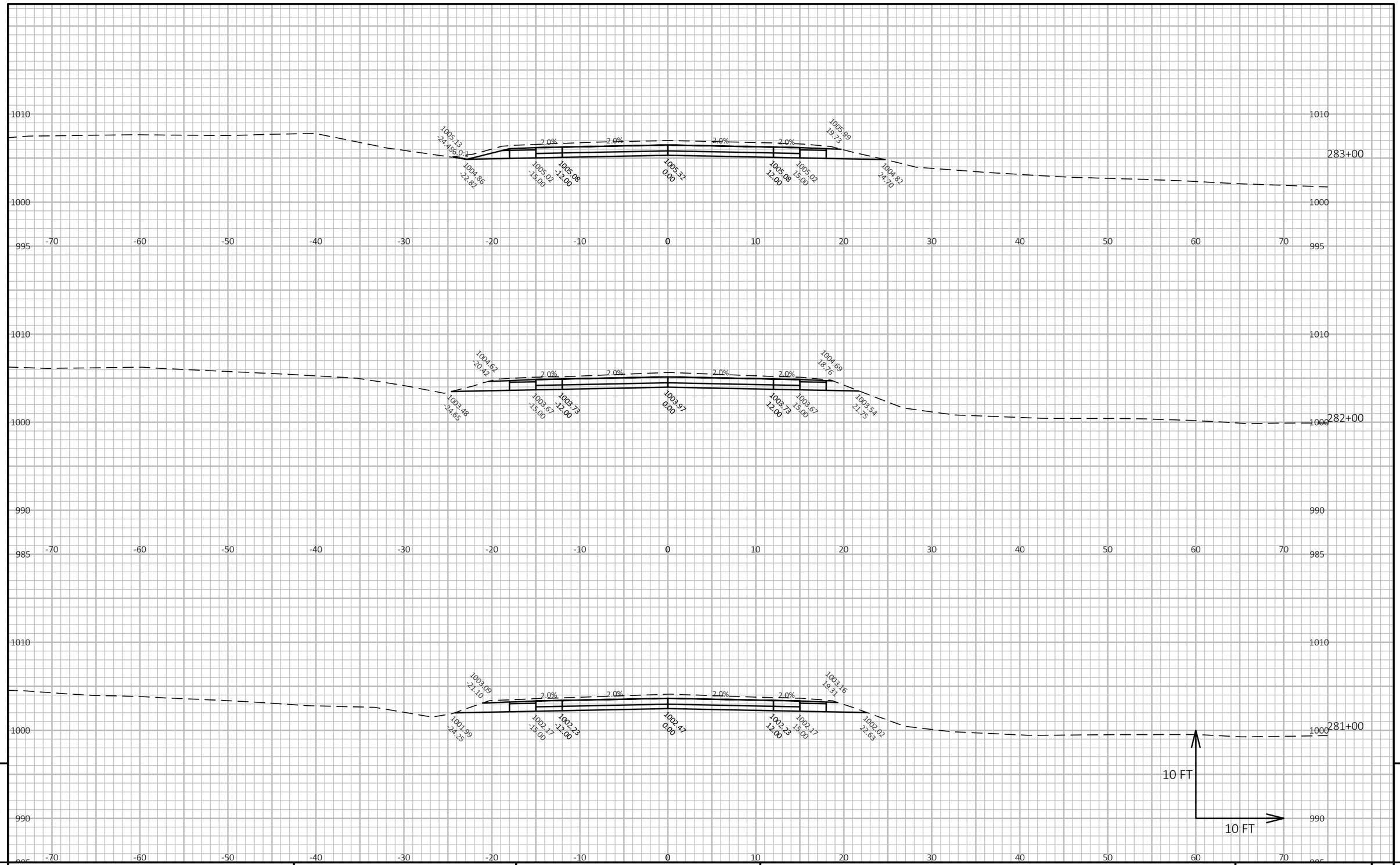
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 224	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 89

PLOT DATE : 12/15/2020 4:00 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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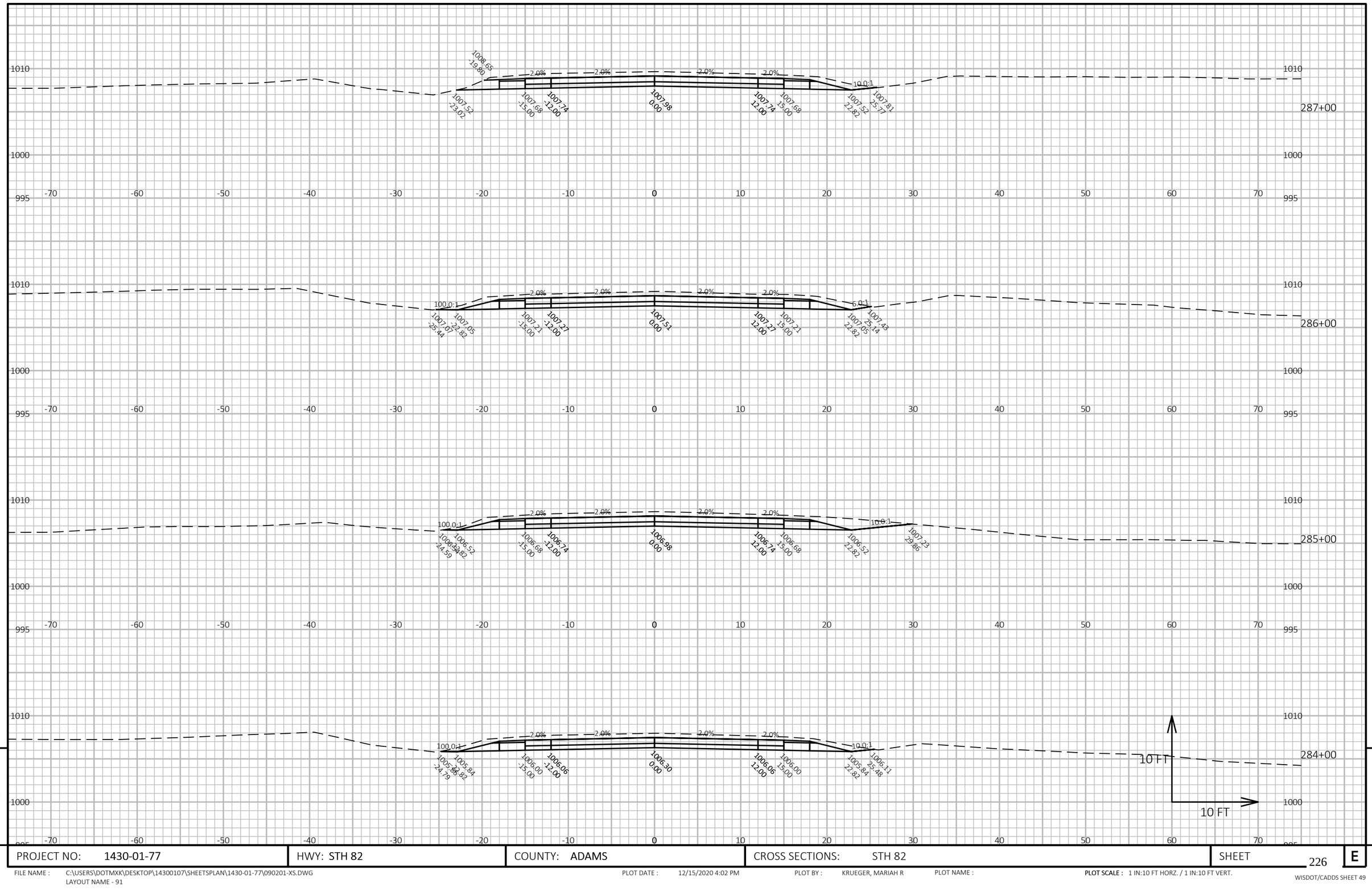
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 225	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 90

PLOT DATE : 12/15/2020 4:01 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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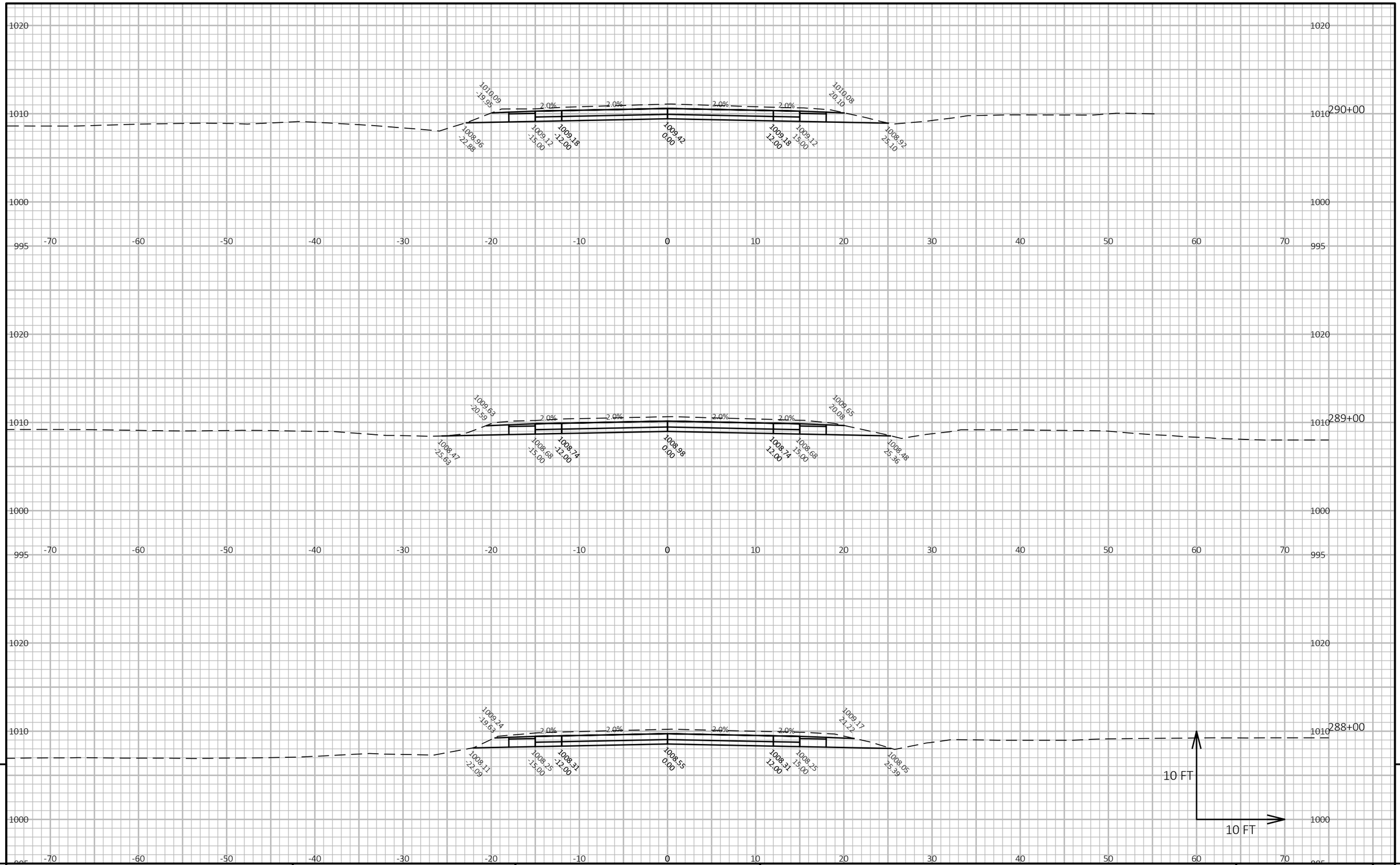
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 226	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 91

PLOT DATE : 12/15/2020 4:02 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



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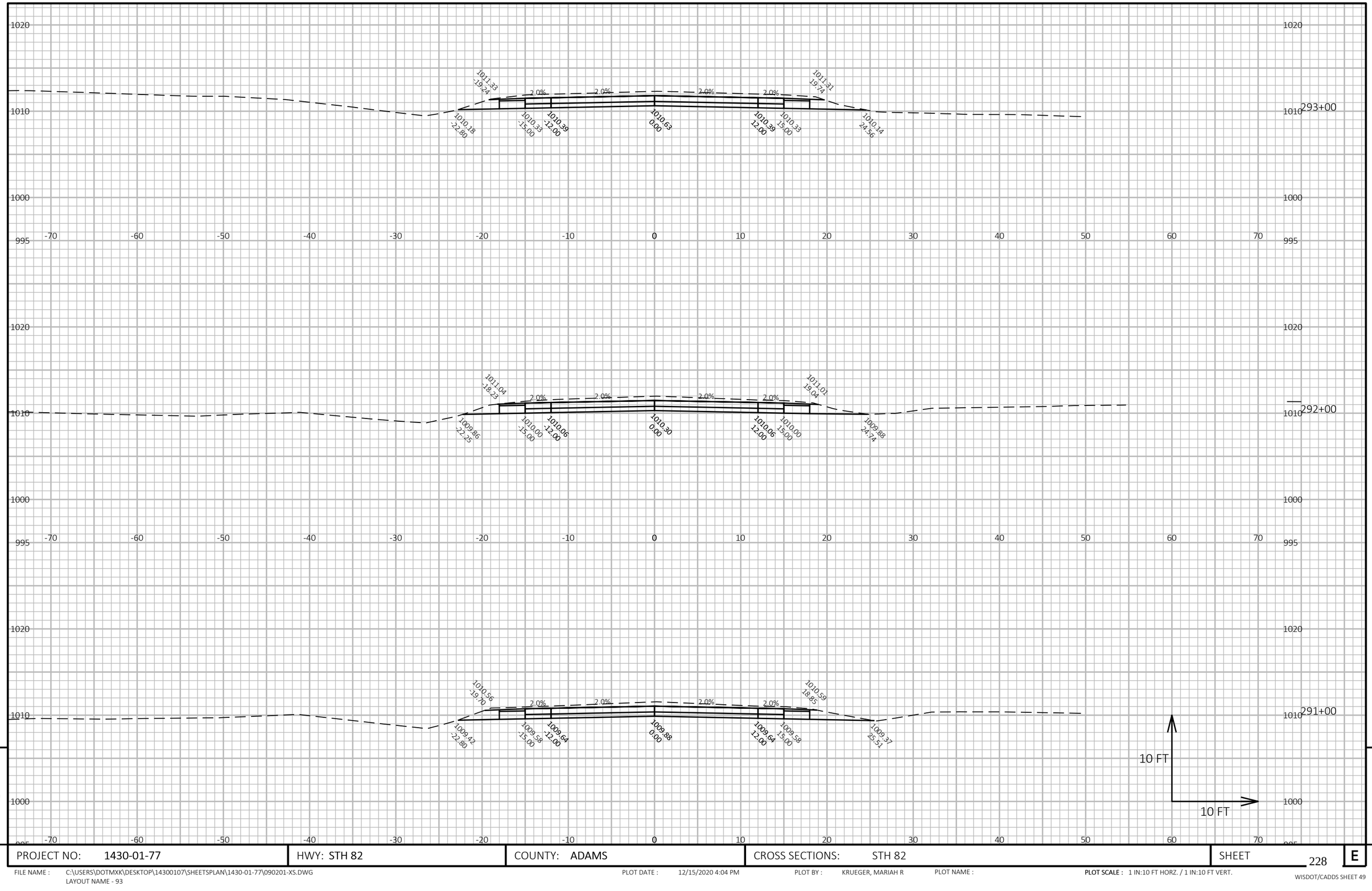
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 227	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 92

PLOT DATE : 12/15/2020 4:03 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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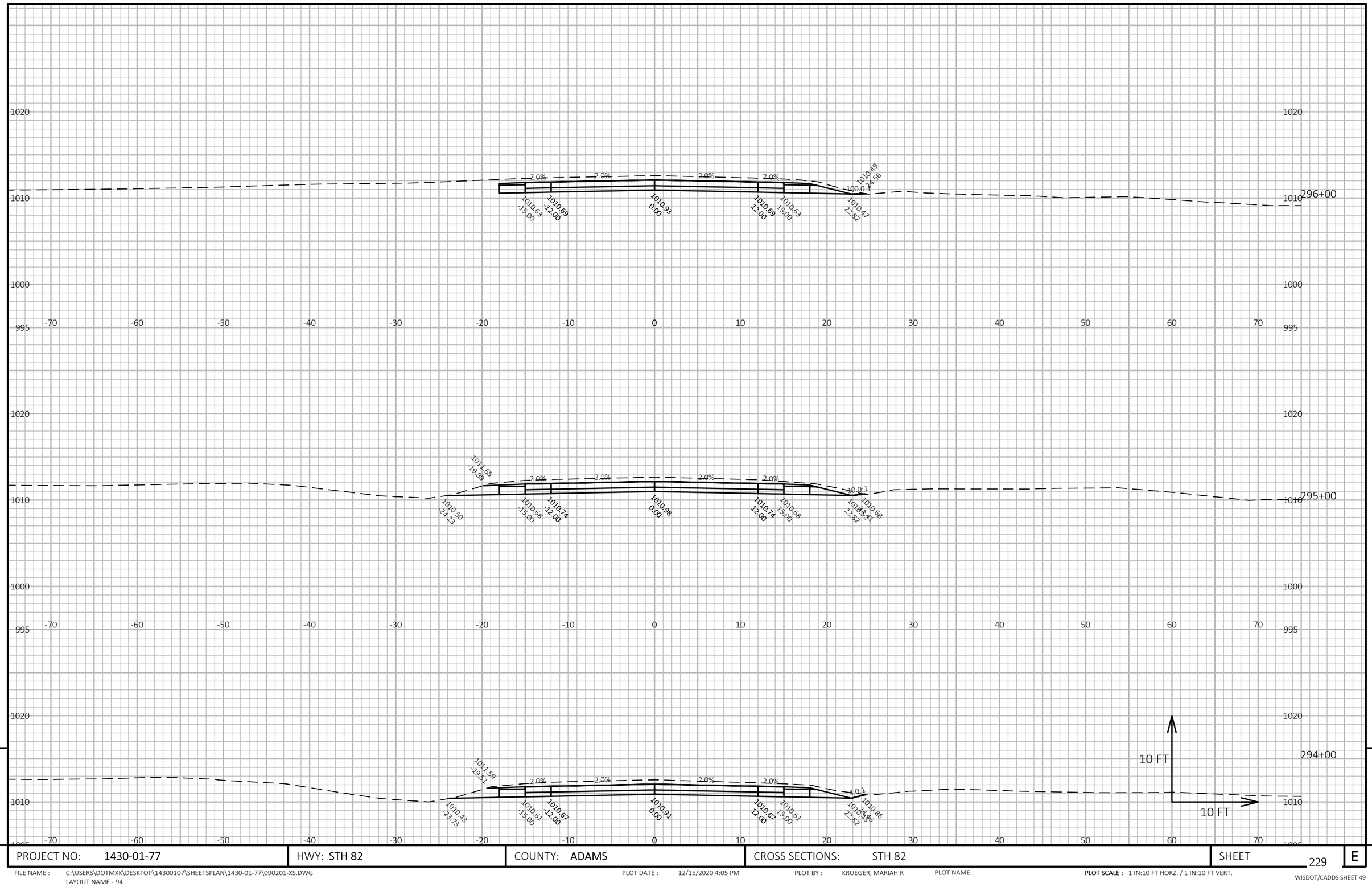
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 228	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 93

PLOT DATE : 12/15/2020 4:04 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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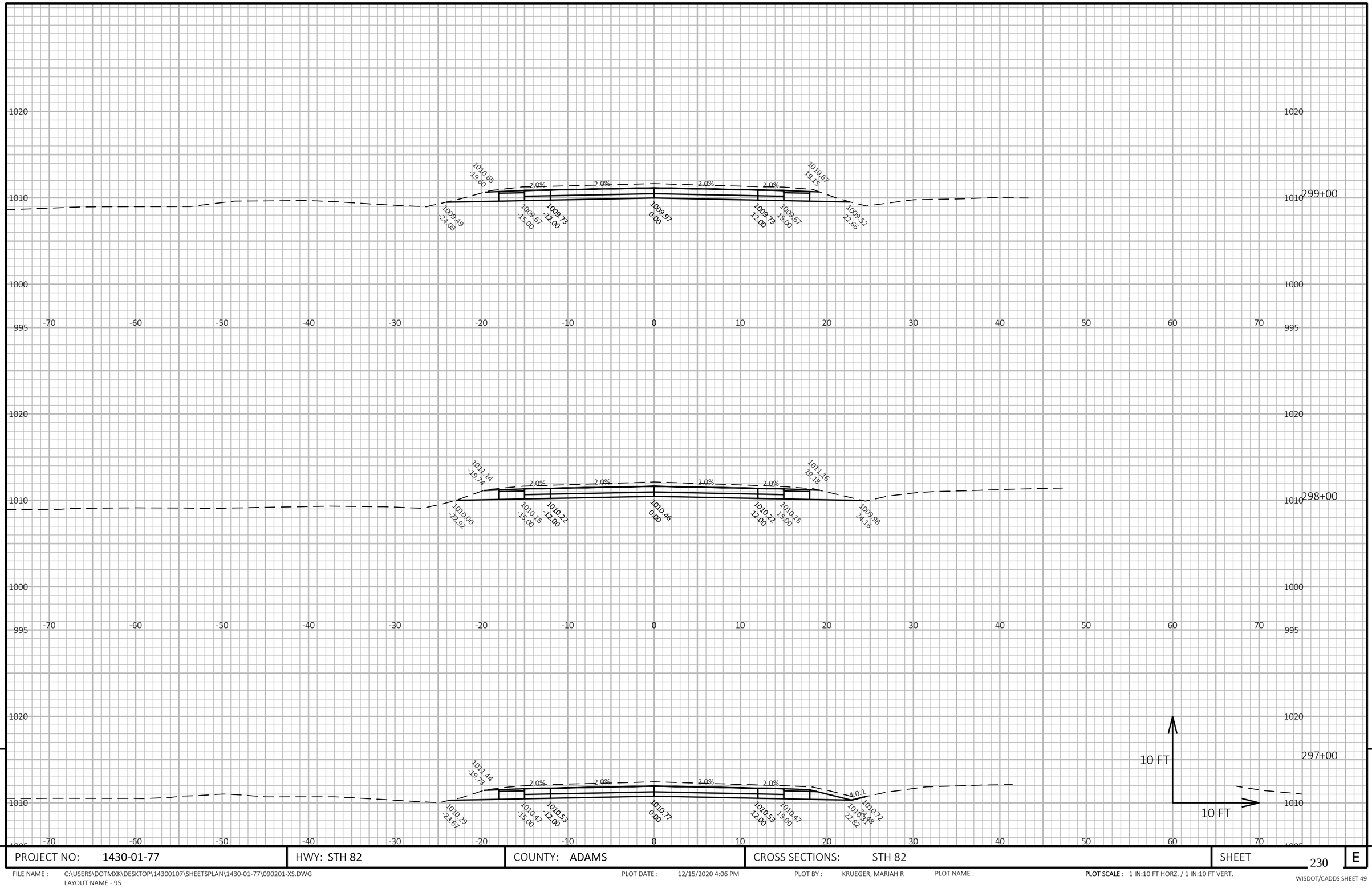
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 229	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 94

PLOT DATE : 12/15/2020 4:05 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49



9

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 230	E

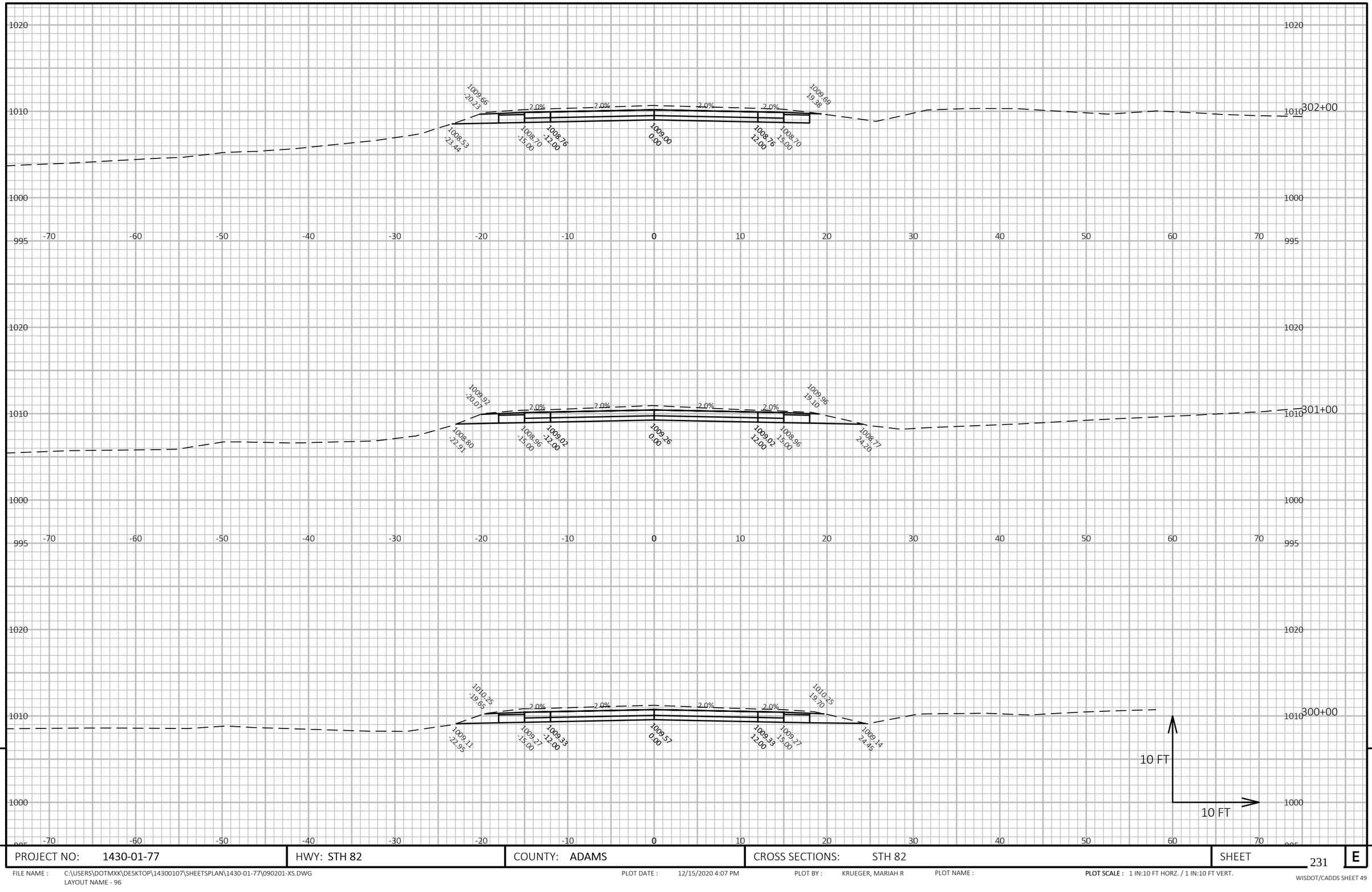
FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 95

PLOT DATE : 12/15/2020 4:06 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49

9



9

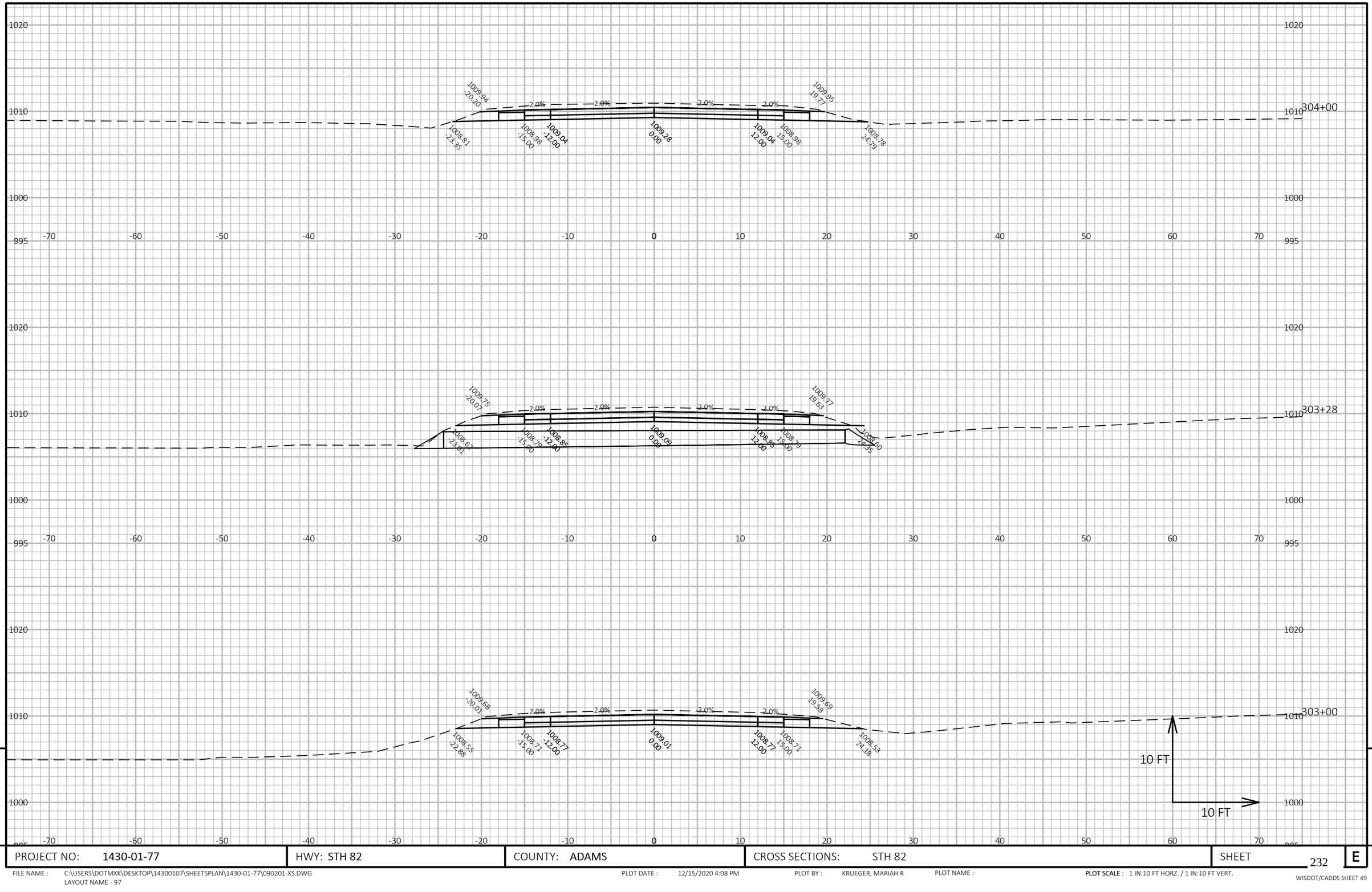
9

PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 231	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 96

PLOT DATE : 12/15/2020 4:07 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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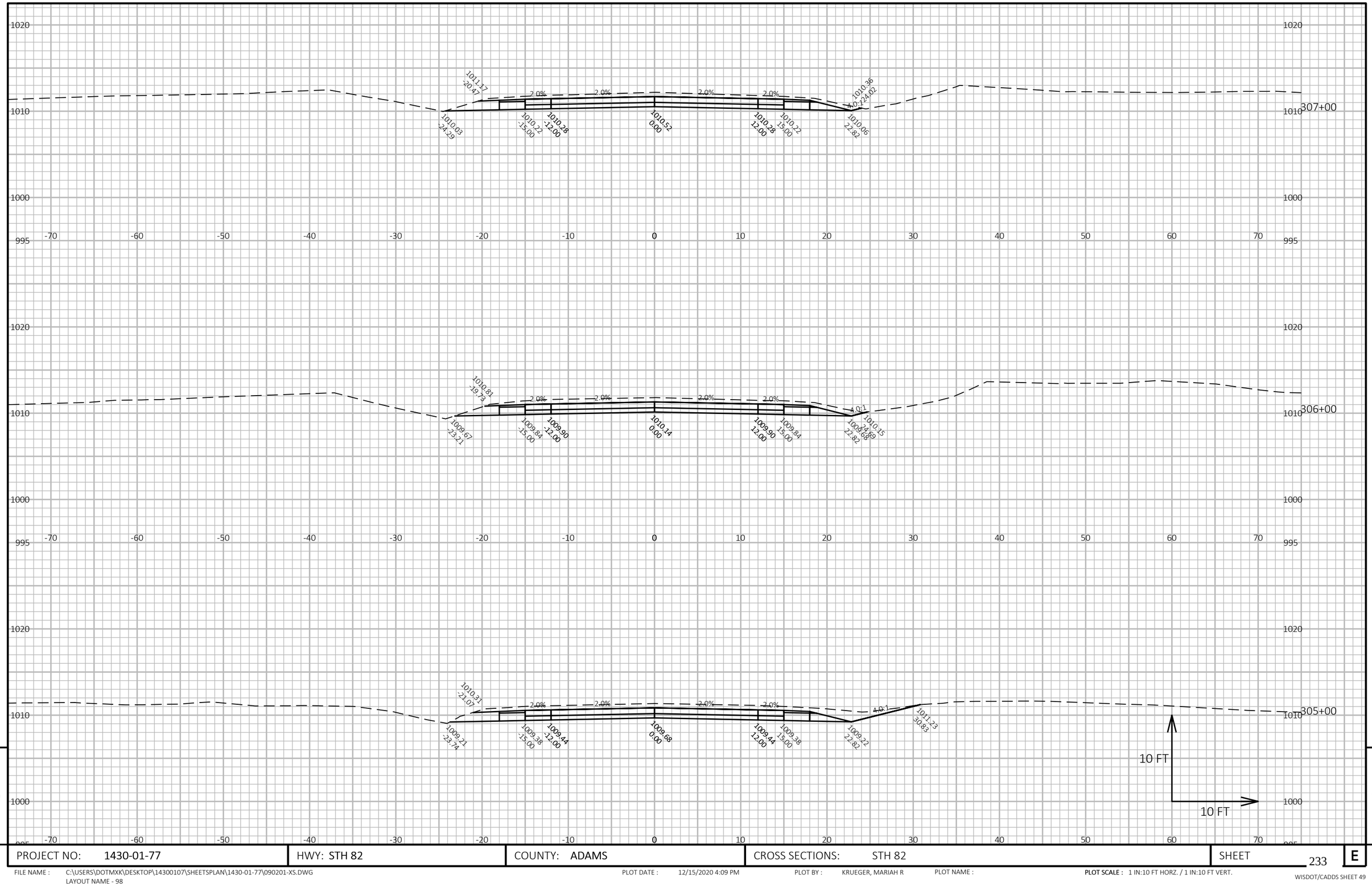
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 232	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 97

PLOT DATE : 12/15/2020 4:08 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

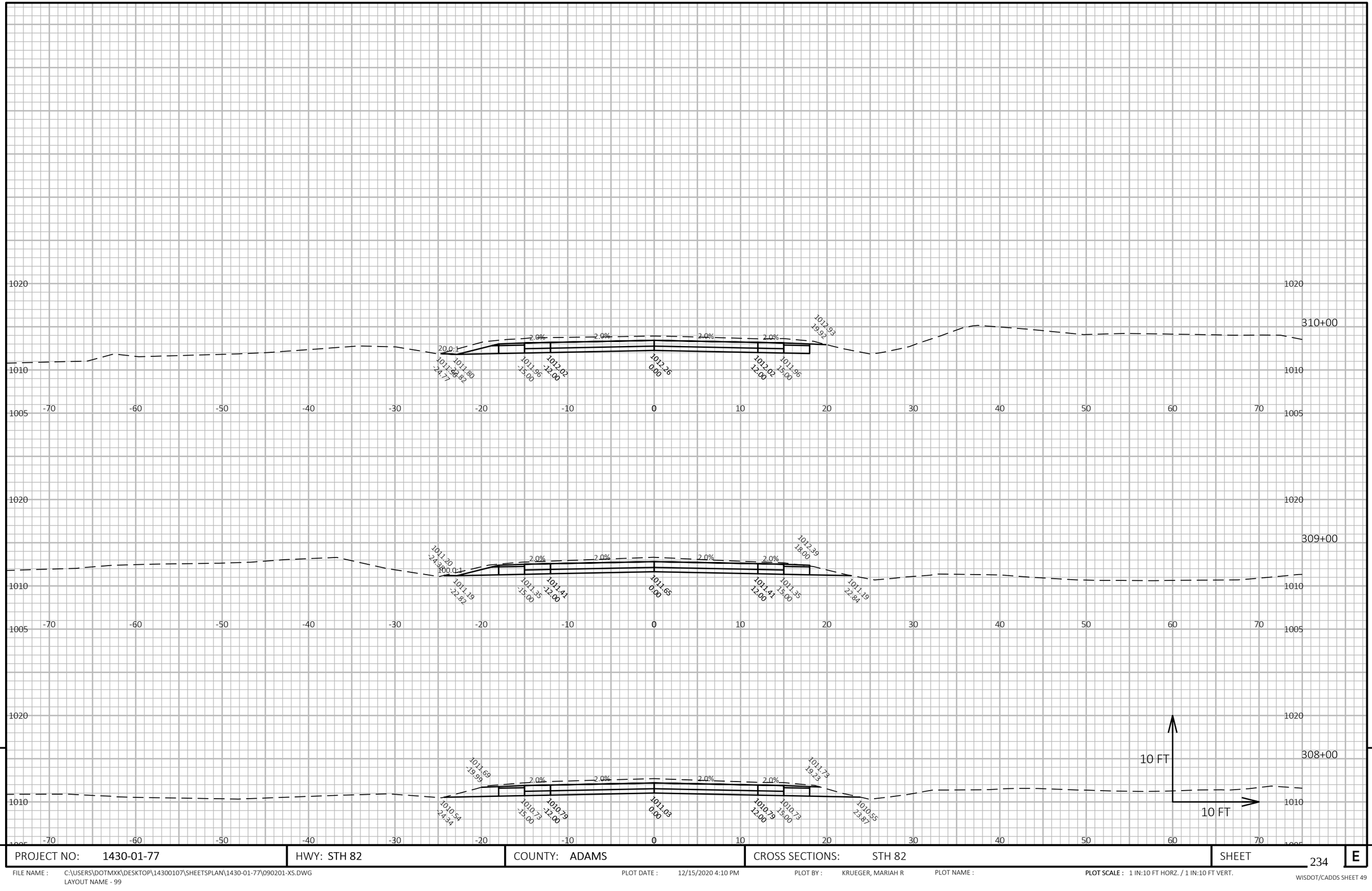


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 233	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 98

PLOT DATE : 12/15/2020 4:09 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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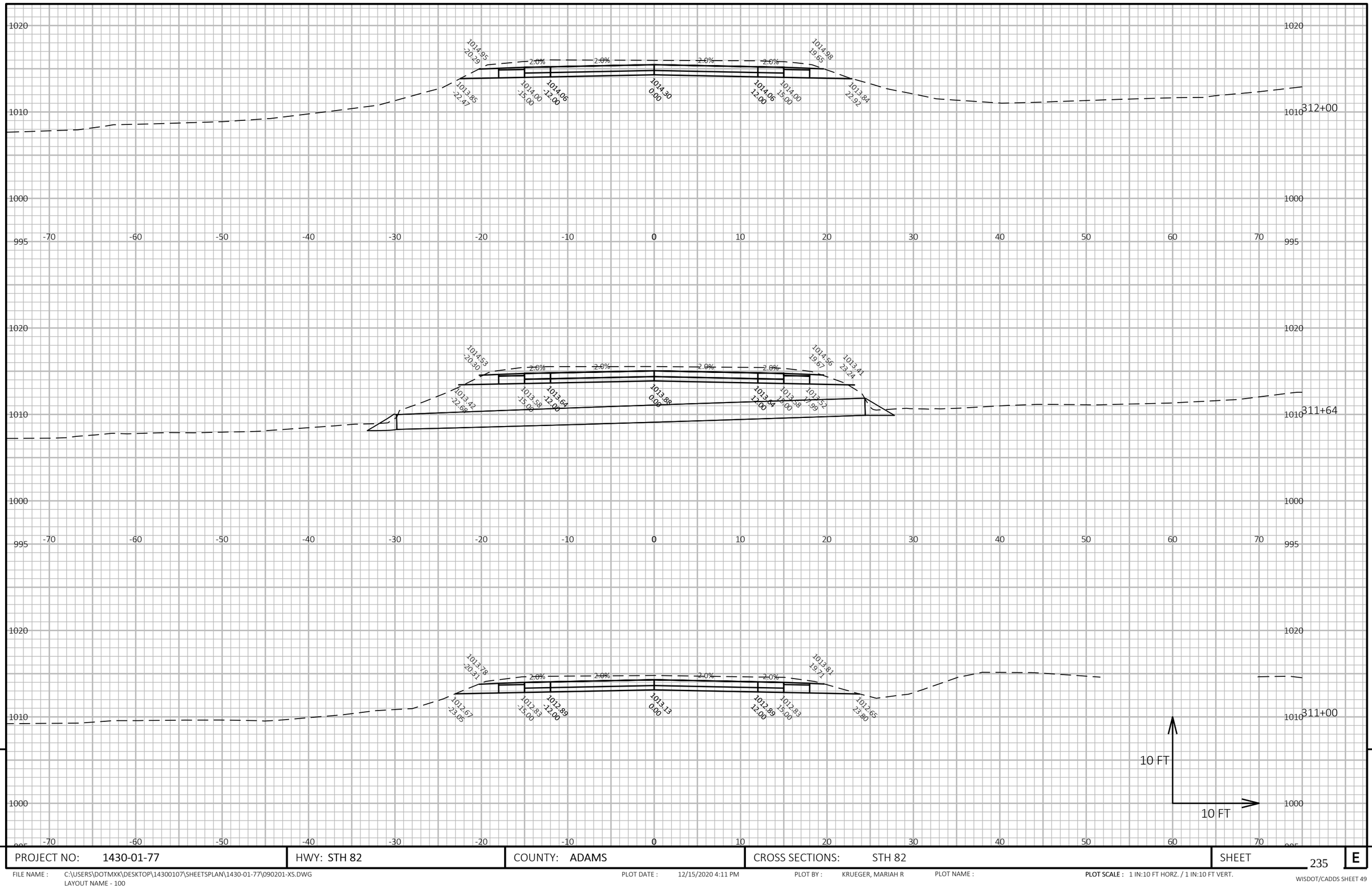
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 234	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 99

PLOT DATE : 12/15/2020 4:10 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49

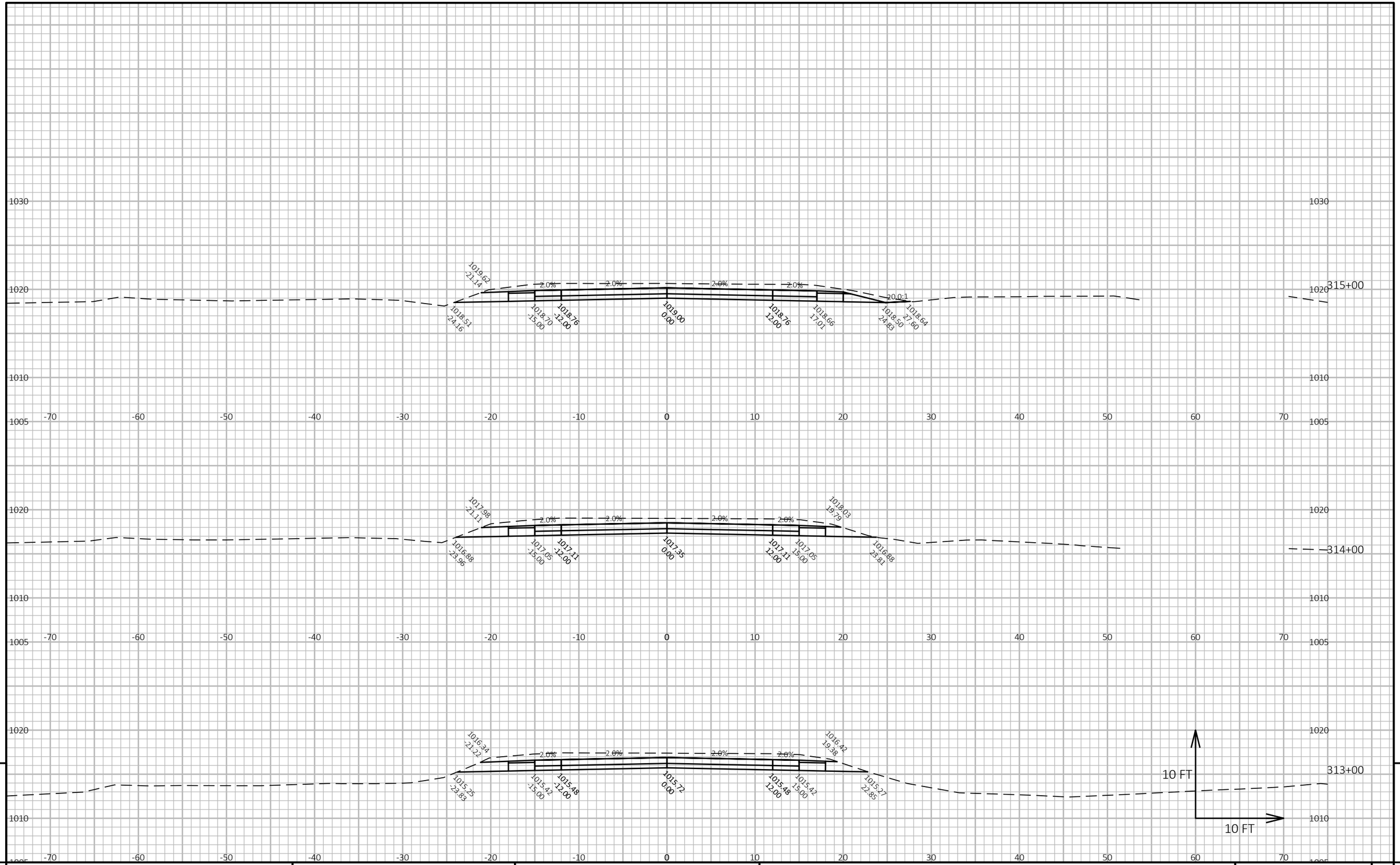


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 235	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 100

PLOT DATE : 12/15/2020 4:11 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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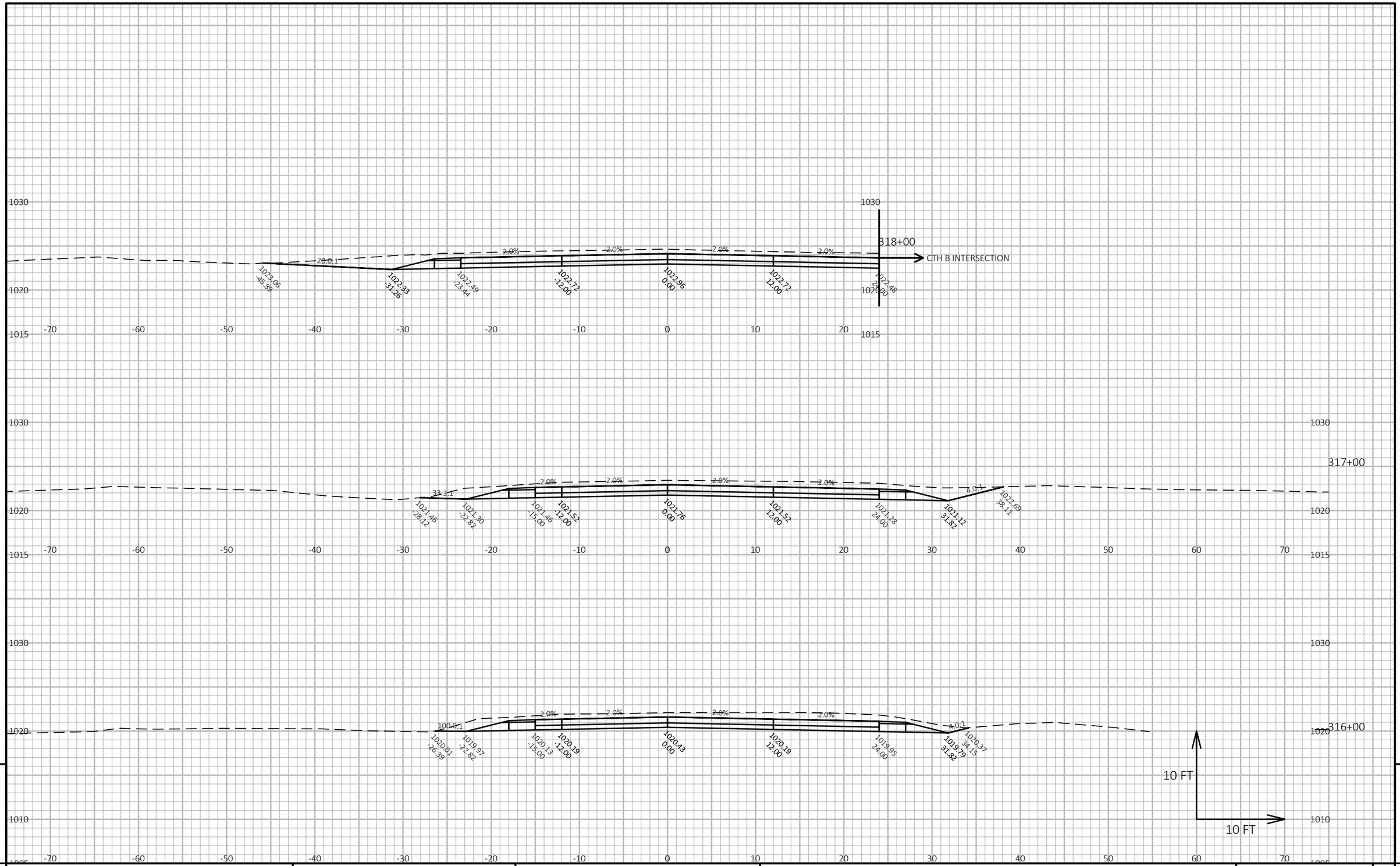
PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 236	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 101

PLOT DATE : 12/15/2020 4:12 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME :

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

WISDOT/CADDS SHEET 49

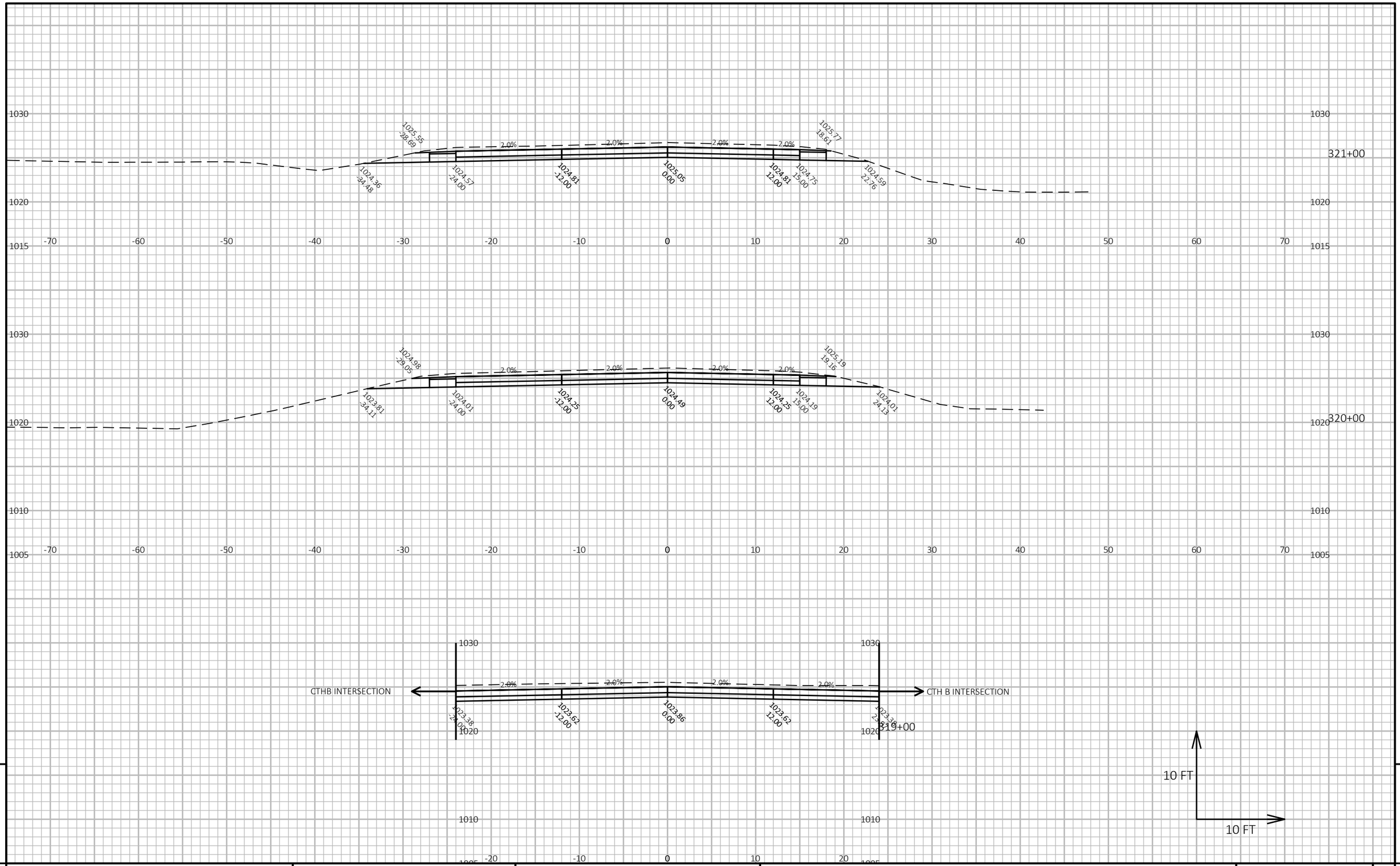


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 237	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 102

PLOT DATE : 12/15/2020 4:13 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

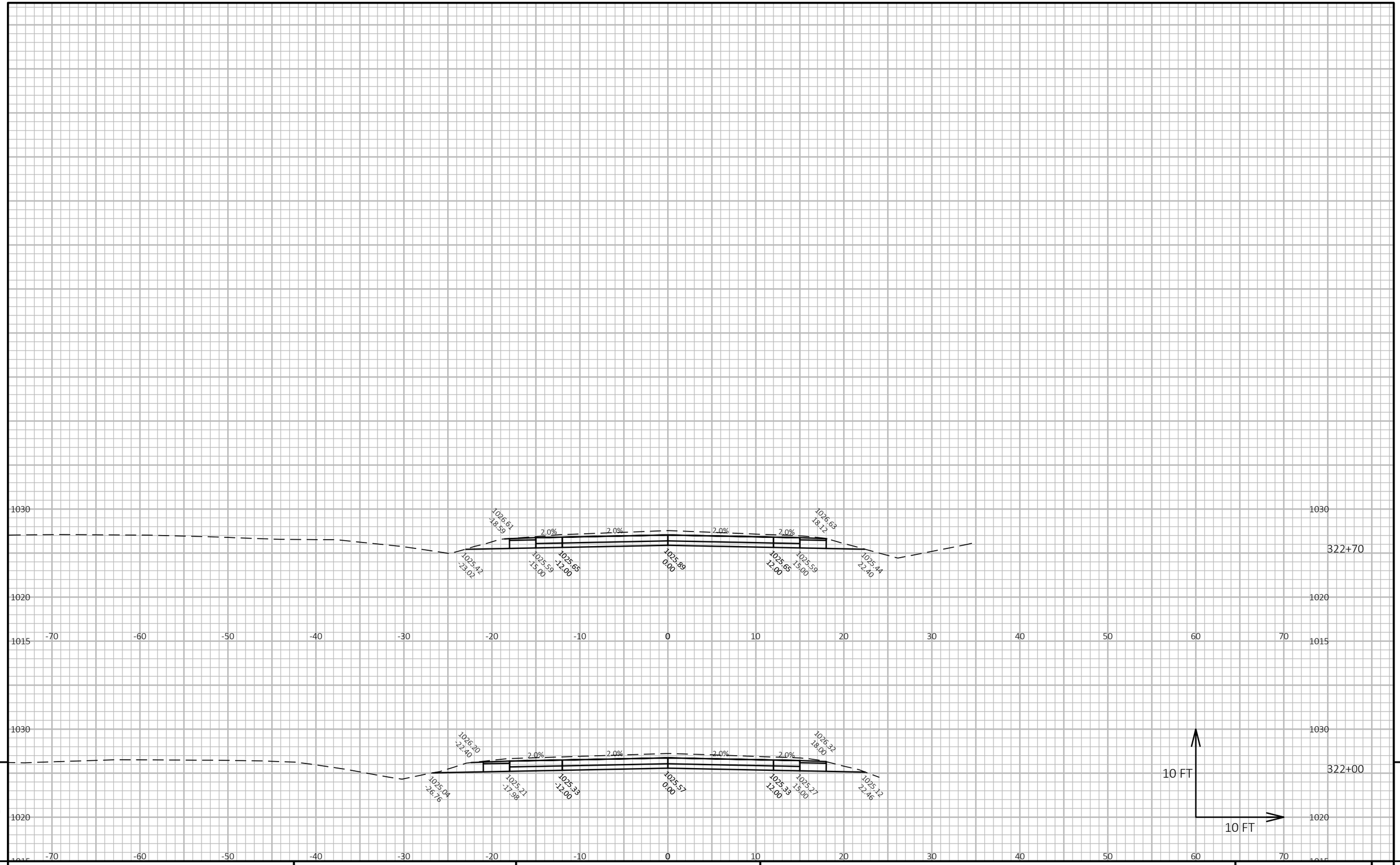


PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 238	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 103

PLOT DATE : 12/15/2020 4:14 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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PROJECT NO: 1430-01-77	HWY: STH 82	COUNTY: ADAMS	CROSS SECTIONS: STH 82	SHEET 239	E

FILE NAME : C:\USERS\DOTMXK\DESKTOP\14300107\SHEETSPLAN\1430-01-77\090201-XS.DWG
LAYOUT NAME - 104

PLOT DATE : 12/15/2020 4:15 PM PLOT BY : KRUEGER, MARIAH R PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

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through innovation and exceptional service.

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