

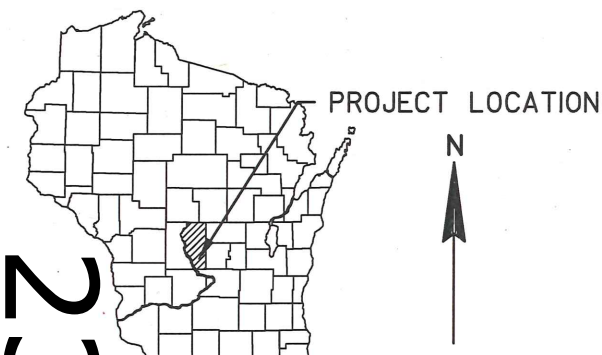
WIS
PROJECT ID:
WITH: N/A

NOV 2014

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 (Includes Erosion Control)
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 = 152



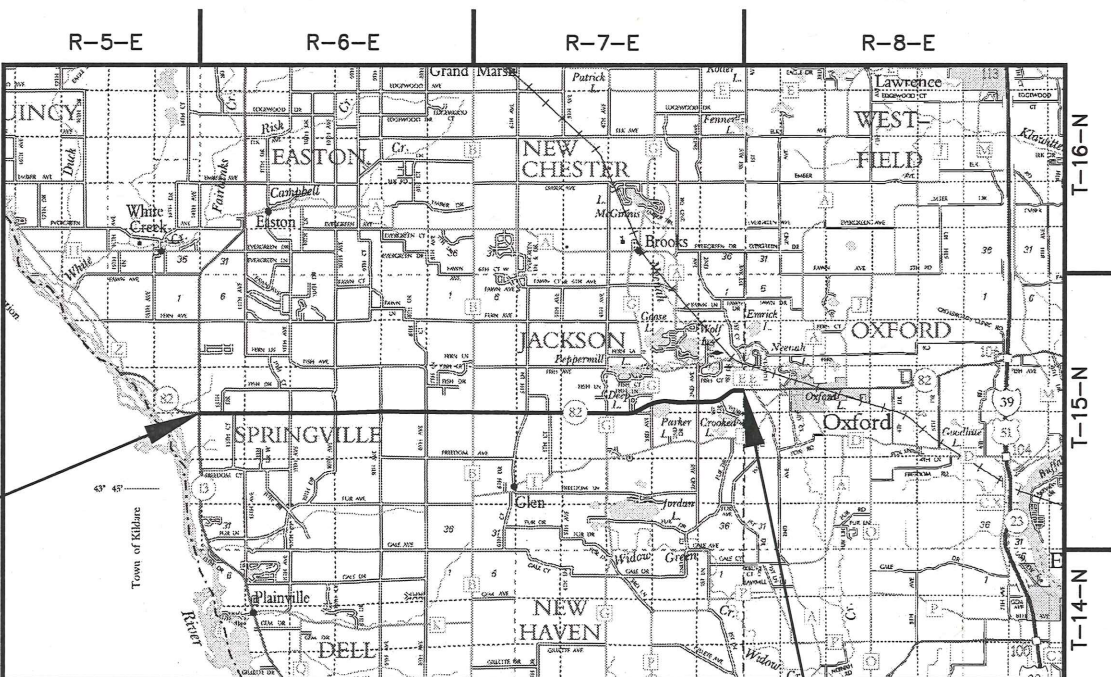
DESIGN DESIGNATION

A.A.D.T. 2014	=	3,600
A.A.D.T. 2034	=	4,350
D.H.V. 2034	=	831
D.D.	=	61/39
T.	=	21.0%
DESIGN SPEED	=	55 MPH
ESALS	=	1,649,800

CONVENTIONAL SYMBOLS

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

PROFILE	
GRADE LINE	---
ORIGINAL GROUND	---
MARSH OR ROCK PROFILE (To be noted as such)	---
SPECIAL DITCH	---
GRADE ELEVATION	---
CULVERT (Profile View)	---
UTILITIES	
COMMUNICATION (UNDERGROUND)	---
COMM / ELEC (OVERHEAD)	---
ELECTRIC (UNDERGROUND)	---
GAS	---
SANITARY SEWER	---
STORM SEWER	---
WATER	---
UTILITY PEDESTAL	---
UTILITY POLE	---



BEGIN PROJECT 1430-07-75
STA 103+20
Y=148,729.46
X=526,192.83

END PROJECT
STA 737+73
Y=151,370.02
X=588,995.62

LAYOUT
SCALE 0 2 MI.

TOTAL NET LENGTH OF CENTERLINE = 12.018 MI.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), ADAMS COUNTY, NAD 1983 (2011)
ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 NAVD 88 (GEOID 12A)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT
MAUSTON-IH 39
STH 13 TO MARQUETTE CO LINE
STH 82
ADAMS COUNTY

STATE PROJECT NUMBER
1430-01-75

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1430-01-75	WISC 2014311	1

ORIGINAL PLAN PREPARED BY
BECHER HOPPE 330 Fourth Street, P.O. Box 8000
Wausau, WI 54402-8000
715.845.8000 • Fax 715.845.8008
becherhoppe.com



9-2-14
(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY
Surveyor BECHER-HOPPE ASSOCIATES, INC.
Designer BECHER-HOPPE ASSOCIATES, INC.
Project Manager DAN HOLLOWAY, PE
Regional Examiner CHERYL SIMON, PE
Regional Supervisor MIKE KRETSCHMER, PE

APPROVED FOR THE DEPARTMENT
DATE: 9-2-14 (Signature)

E

GENERAL NOTES

BEARINGS SHOWN ON THE PLAN ARE TRUE BEARINGS TO THE NEAREST SECOND.

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.

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

DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE FERTILIZED, SEEDED OR TEMPORARY SEEDED AS DIRECTED BY THE ENGINEER, INCIDENTAL TO CONTRACT WORK.

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			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	.08	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.34	.44	.30	.37	.50	.34	.41	.56
MEDIAN STRIP-TURF	.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25	.30
	.24	.26	.30	.25	.28	.33	.26	.30	.37	.27	.32	.40
SIDE SLOPE-TURF			.25			.27			.28			.30
			.32			.34			.36			.38
PAVEMENT:												
ASPHALT						.70 - .95						
CONCRETE						.80 - .95						
BRICK						.70 - .80						
DRIVES, WALKS						.75 - .85						
ROOFS						.75 - .95						
GRAVEL ROADS, SHOULDERS						.40 - .60						

TOTAL PROJECT AREA = 211.2 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 3.3 ACRES

SECTION 2 ORDER

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
CONTROL TIES

AS-BUILT REFERENCE (YEAR)*

PROJECT: FAS 196A(I)/FAS 196B(I) (1941)
PROJECT: S02(04) (1945)
PROJECT: 1430-01-72 (2001)

*APPROVAL YEAR (NOT CONSTRUCTION)

UTILITIES

ELECTRIC
ATC MANAGEMENT, INC.
5303 FEN OAK DR
MADISON, WI 53704
ALEX METZ
PHONE: (608) 877-7105
ametz@atcllc.com

ELECTRIC
ADAMS-COLUMBIA ELECTRIC COOPERATIVE (STH 13 - CTH B)
401 E LAKE ST
PO BOX 70
FRIENDSHIP, WI 53934
BOB FISH
PHONE: (608) 339-5417
bfish@acecwi.com

ELECTRIC
ADAMS-COLUMBIA ELECTRIC COOPERATIVE (CTH B - MARQUETTE CO LINE)
W6290 HWY 33
PO BOX 70
PARDEEVILLE, WI 53954
JON CONGDON
PHONE: (608) 429-2882
jcongdon@acecwi.com

COMMUNICATION
MARQUETTE ADAMS TELEPHONE COOP INC
113 NORTH OXFORD ST
OXFORD, WI 53952
ARNIE MCDONALD
PHONE: (608) 586-4111
MOBILE: (608) 572-0406
amcdonald@maadtelco.com

GAS
WE ENERGIES
1921 8TH ST SOUTH
WISCONSIN RAPIDS, WI 54494
BILL GARSKI
PHONE: (715) 421-7259
MOBILE: (715) 421-9882
bill.garski@we-energies.com

DNR CONTACT

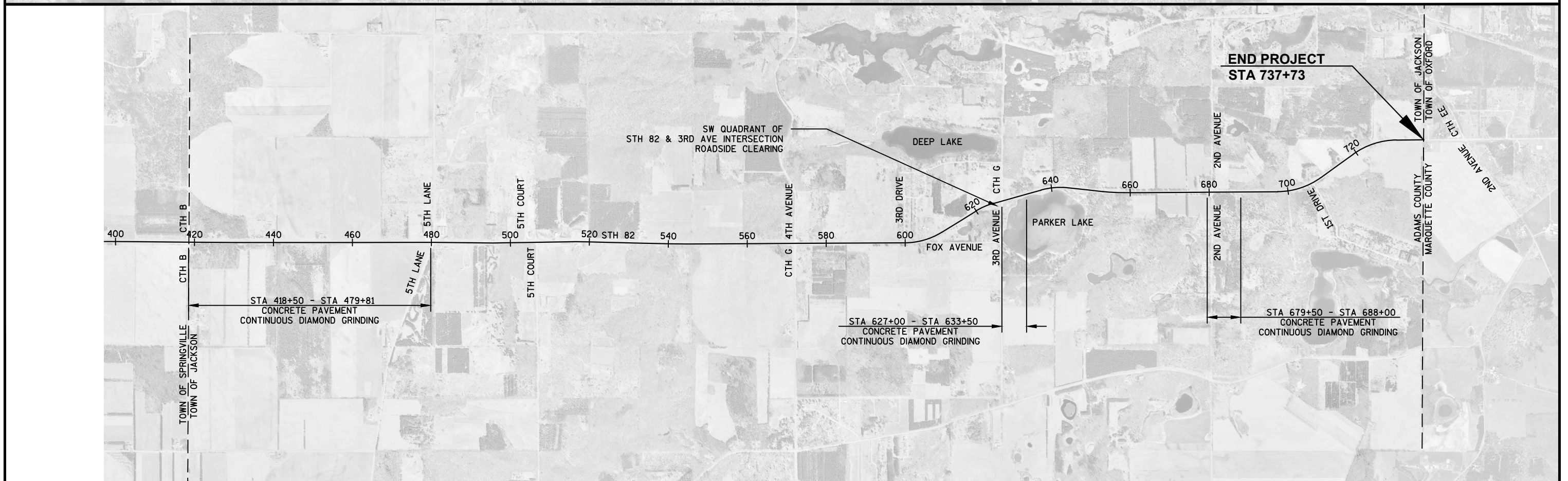
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
473 GRIFFITH DRIVE
WISCONSIN RAPIDS, WI 54494
MARC HERSHFIELD
PHONE: (715) 421-7867
marc.hershfield@wisconsin.gov

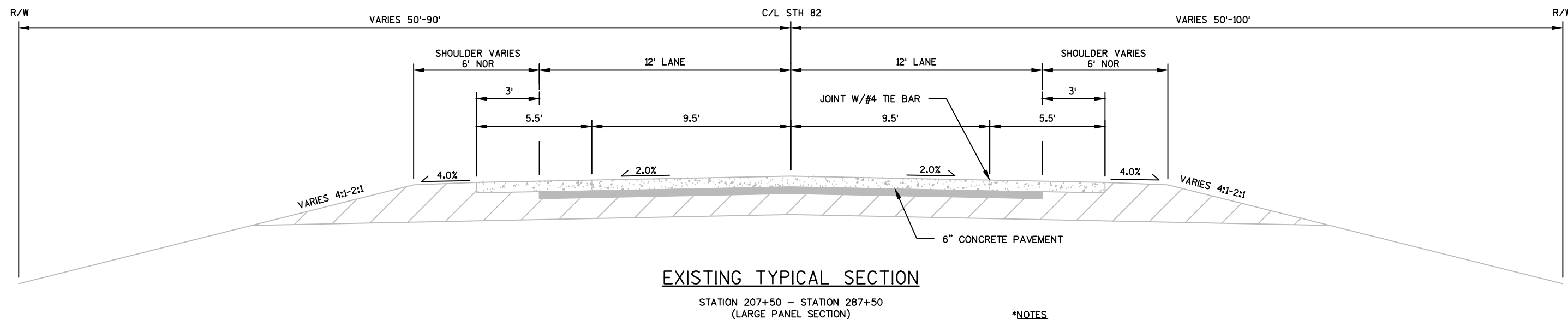
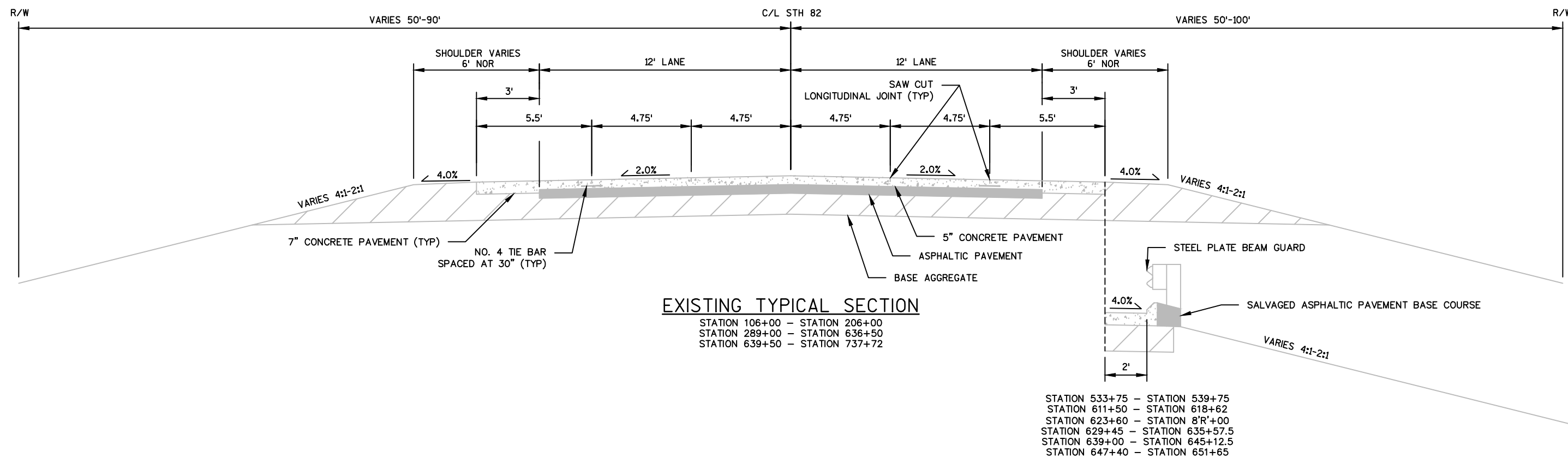


Dial 811 or (800)242-8511

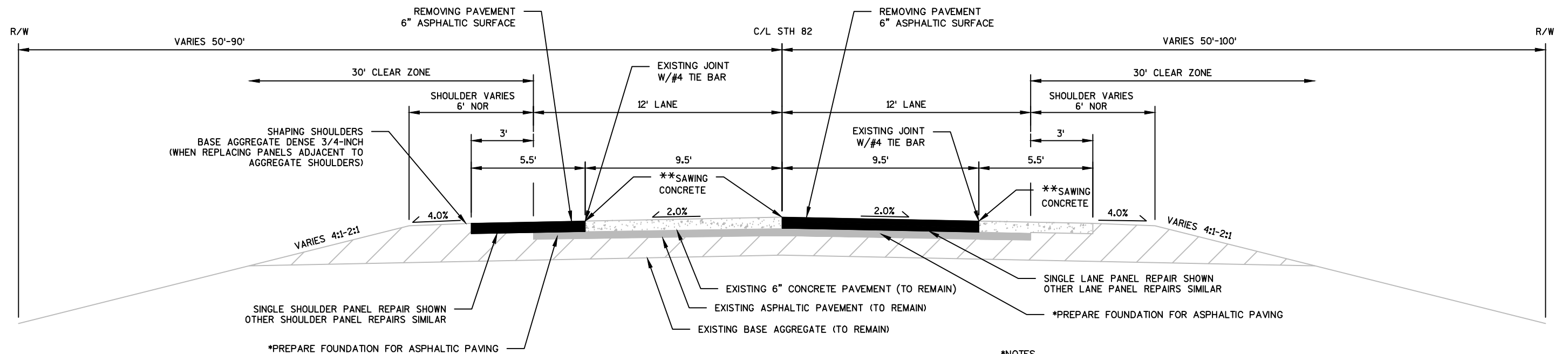
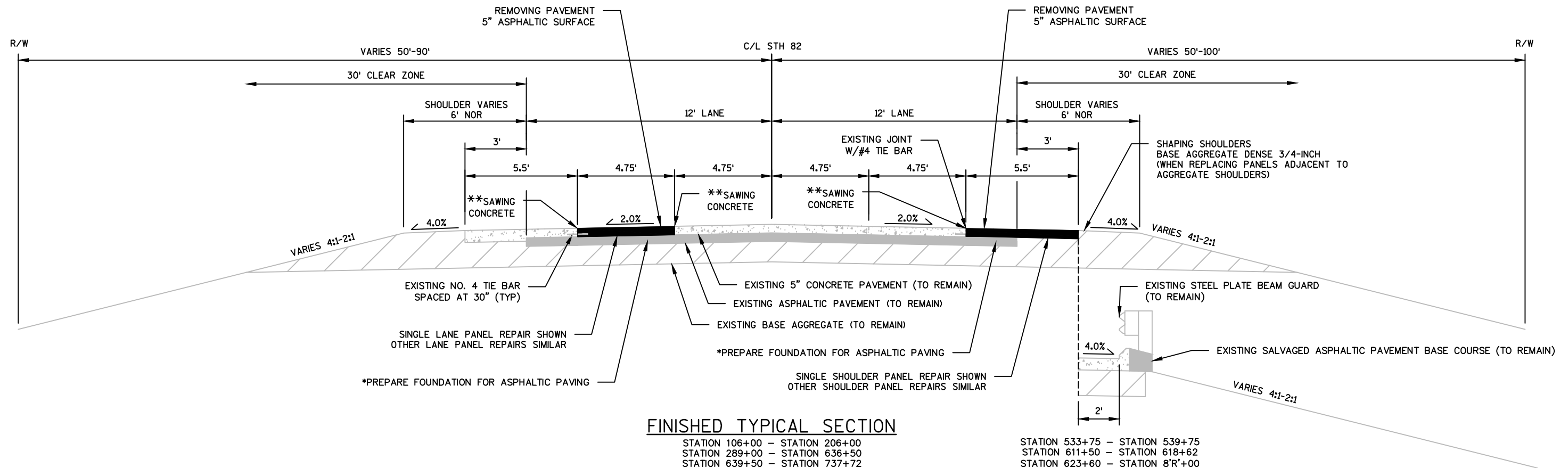
www.DiggersHotline.com

** DENOTES UTILITIES THAT ARE NOT DIGGERS HOTLINE MEMBERS



***NOTES**

STATION 103+21 - STATION 104+71 9" CONCRETE PAVEMENT DOWELED
STATION 104+71 - STATION 106+00 TRANSITION FROM 9" CONCRETE PAVEMENT DOWELED TO 5" CONCRETE PAVEMENT
STATION 106+00 - STATION 206+00 5" CONCRETE PAVEMENT
STATION 206+00 - STATION 207+50 TRANSITION FROM 5" CONCRETE PAVEMENT TO 6" LARGE PANEL SECTION
STATION 207+50 - STATION 287+50 6" LARGE PANEL SECTION
STATION 207+90 EB - STATION 287+10 EB NO FIBERS IN CONCRETE
STATION 217+90 WB - STATION 287+10 WB NO FIBERS IN CONCRETE
STATION 287+50 - 289+00 TRANSITION FROM 6" LARGE PANEL SECTION TO 5" CONCRETE PAVEMENT
STATION 636+50 - STATION 639+50 7" CONCRETE PAVEMENT

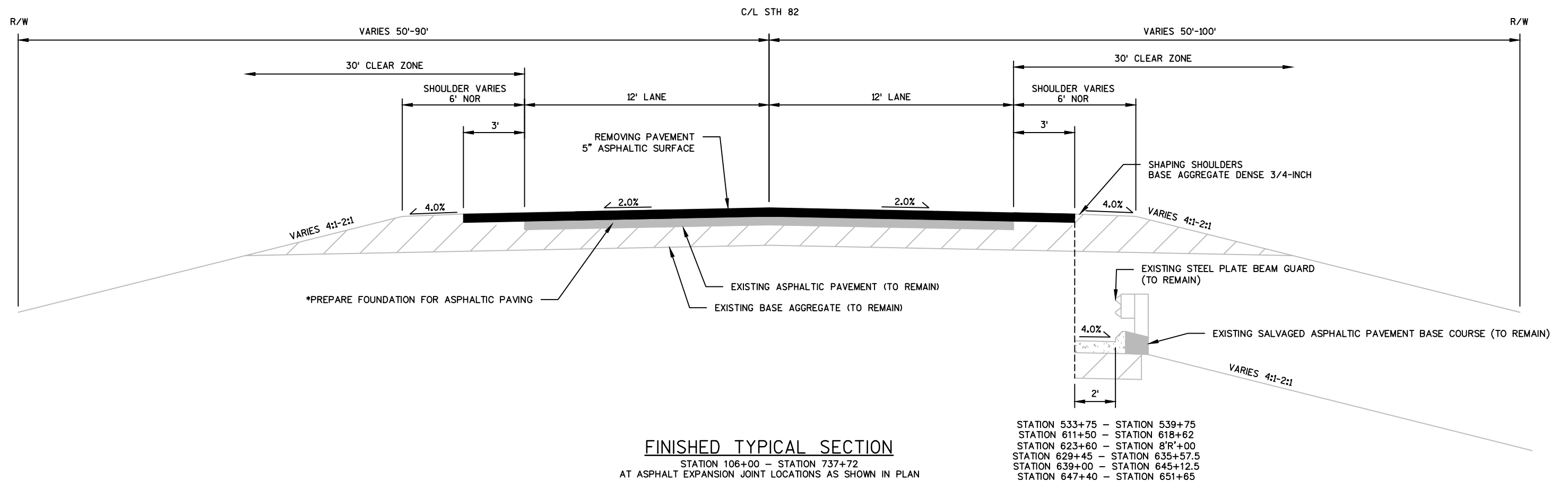


*REMOVE EXISTING ASPHALT BELOW CONCRETE THAT IS DETERIORATED AS DETERMINED BY ENGINEER. PLACE ASPHALTIC SURFACE PATCHING IN THESE LOCATIONS TO ACHIEVE SPECIFIED ASPHALT THICKNESS.

**SAWING CONCRETE IS TO TOP OF EXISTING ASPHALT BELOW CONCRETE. SAWING THROUGH EXISTING TIE BARS IS INCIDENTAL.

***NOTES**

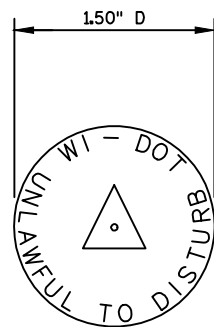
STATION 103+21 – STATION 104+71 9" CONCRETE PAVEMENT DOWELED
 STATION 104+71 – STATION 106+00 TRANSITION FROM 9" CONCRETE PAVEMENT DOWELED TO 5" CONCRETE PAVEMENT
 STATION 106+00 – STATION 206+00 5" CONCRETE PAVEMENT
 STATION 206+00 – STATION 207+50 TRANSITION FROM 5" CONCRETE PAVEMENT TO 6" LARGE PANEL SECTION
 STATION 207+50 – STATION 287+50 6" LARGE PANEL SECTION
 STATION 207+90 EB – STATION 287+10 EB NO FIBERS IN CONCRETE
 STATION 217+90 WB – STATION 287+10 WB NO FIBERS IN CONCRETE
 STATION 287+50 – STATION 289+00 TRANSITION FROM 6" LARGE PANEL SECTION TO 5" CONCRETE PAVEMENT
 STATION 636+50 – STATION 639+50 7" CONCRETE PAVEMENT



*REMOVE EXISTING ASPHALT BELOW CONCRETE THAT IS DETERIORATED AS DETERMINED BY ENGINEER. PLACE ASPHALTIC SURFACE PATCHING IN THESE LOCATIONS TO ACHIEVE SPECIFIED ASPHALT THICKNESS.

***NOTES**

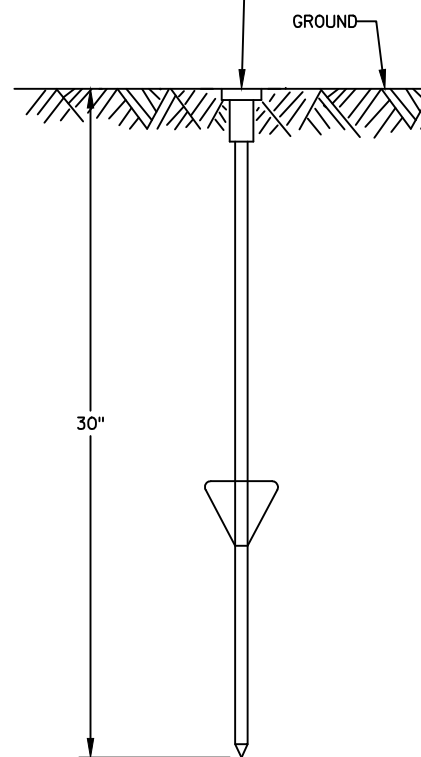
STATION 103+21 – STATION 104+71 9" CONCRETE PAVEMENT DOWELED
STATION 104+71 – STATION 106+00 TRANSITION FROM 9" CONCRETE PAVEMENT DOWELED TO 5" CONCRETE PAVEMENT
STATION 106+00 – STATION 206+00 5" CONCRETE PAVEMENT
STATION 206+00 – STATION 207+50 TRANSITION FROM 5" CONCRETE PAVEMENT TO 6" LARGE PANEL SECTION
STATION 207+50 – STATION 287+50 6" LARGE PANEL SECTION
STATION 207+90 EB – STATION 287+10 EB NO FIBERS IN CONCRETE
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STATION 287+50 – 289+00 TRANSITION FROM 6" LARGE PANEL SECTION TO 5" CONCRETE PAVEMENT
STATION 636+50 – STATION 639+50 7" CONCRETE PAVEMENT



② WIS DOT MONUMENT CAP MARKER LOGO (SSDR130)

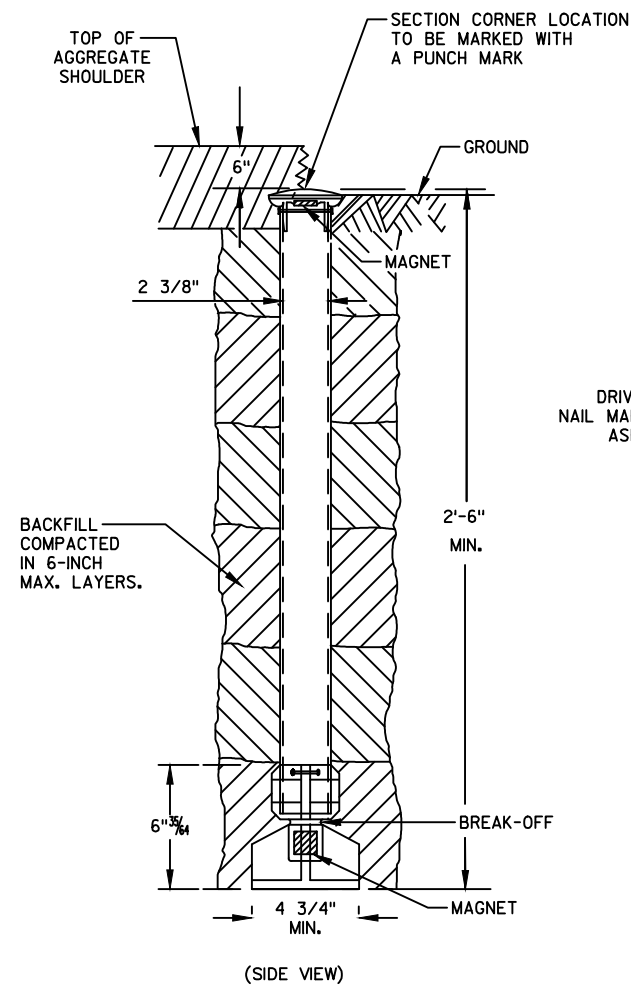
CONTRACTOR TO ORDER LANDMARK REFERENCE MONUMENTS WITH THE ABOVE STAMPING

② MONUMENT MARKER FURNISHED BY CONTRACTOR TO BE FLUSH WITH GROUND SURFACE OR DEPRESSED IN PAVED SURFACE.



(FRONT VIEW)

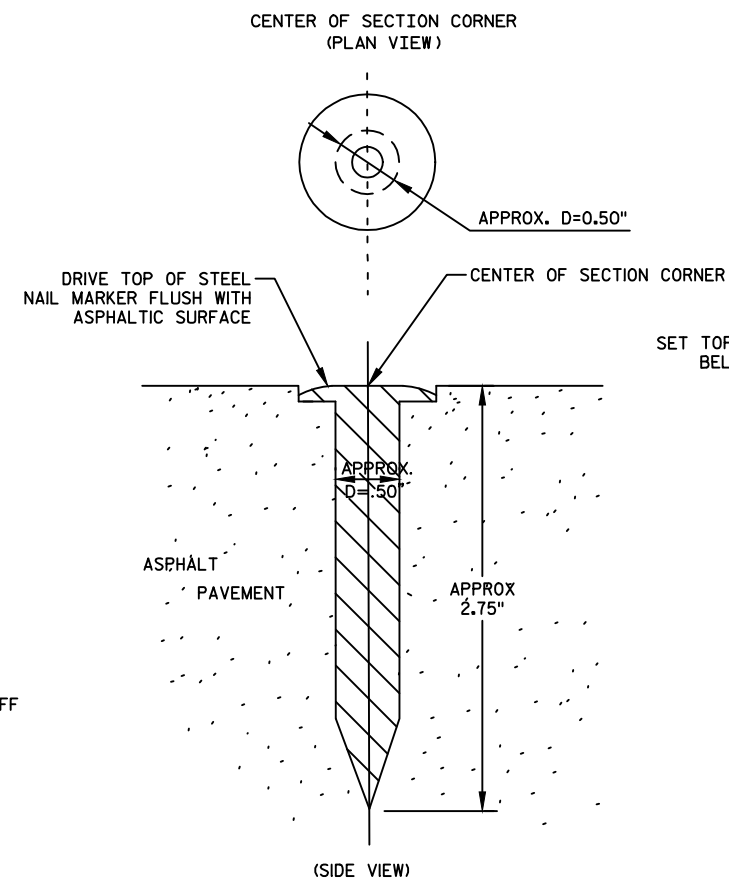
BERNSTEN DRIVABLE MONUMENT SSDR130



(SIDE VIEW)

OUTSIDE OF PAVEMENT

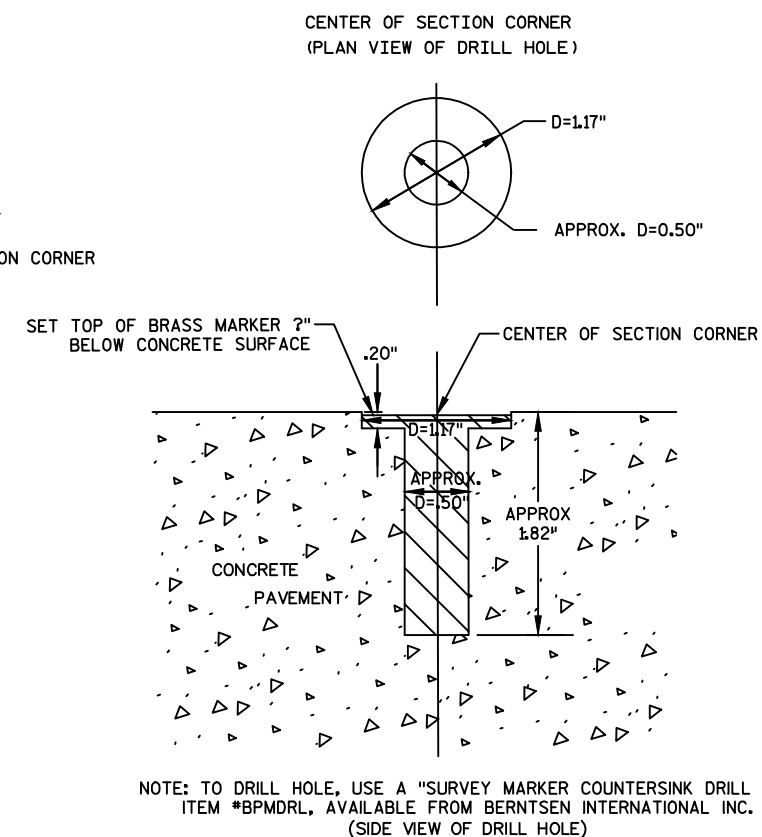
① BERNSTEN A1BR30 ALUMINUM BREAK-OFF MONUMENT



(SIDE VIEW)

IN ASPHALTIC PAVEMENT

① BERNSTEN SNM1 STEEL NAIL MARKER



IN CONCRETE PAVEMENT

① BERNSTEN BP -1 BRASS MARKER WITH ANCHOR PLUG

NOTE: TO DRILL HOLE, USE A "SURVEY MARKER COUNTERSINK DRILL BIT" ITEM *BPMRDL, AVAILABLE FROM BERNTSEN INTERNATIONAL INC. (SIDE VIEW OF DRILL HOLE)

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.

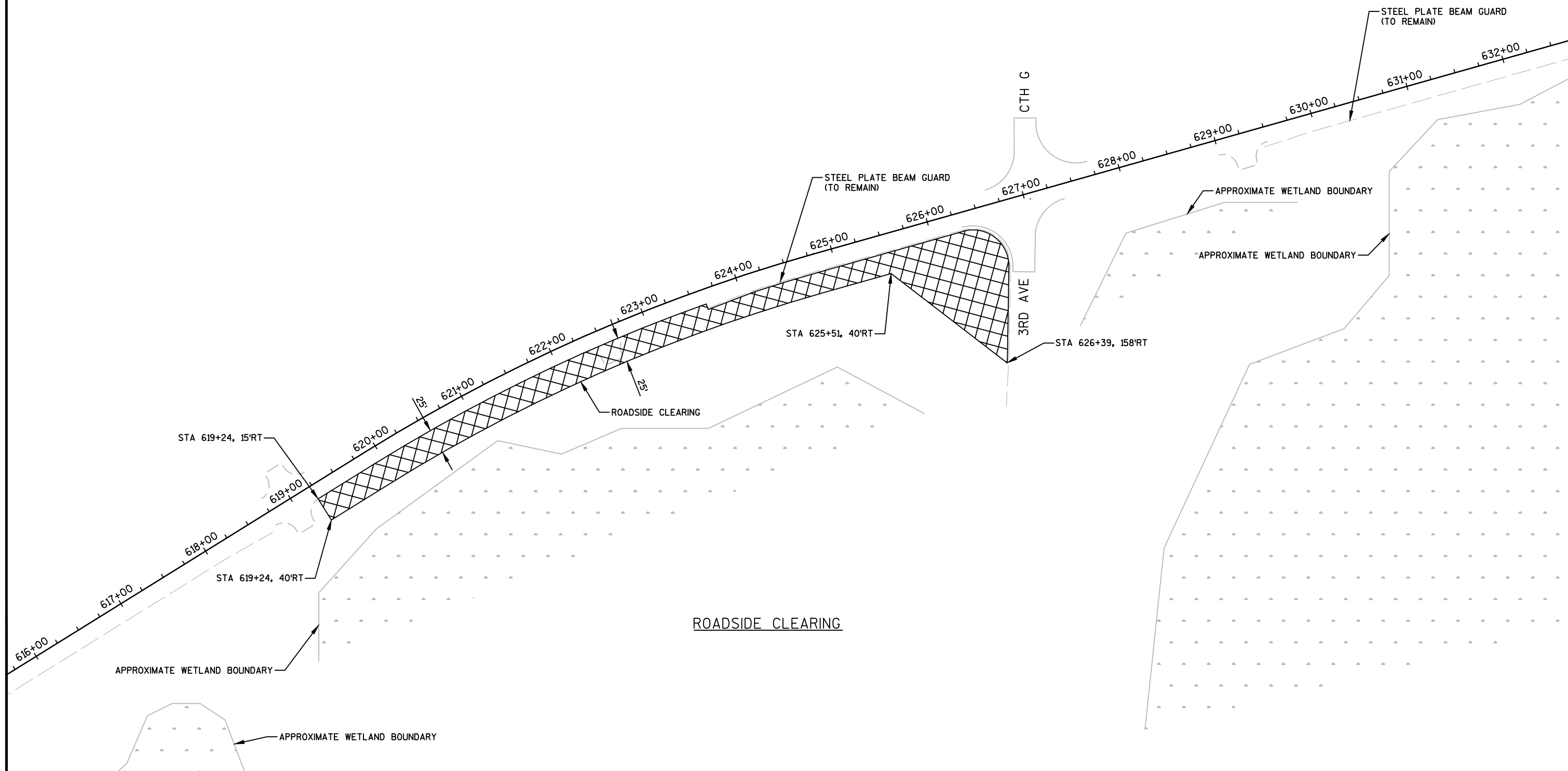
① = THE REGION SURVEY COORDINATOR WILL SUPPLY.

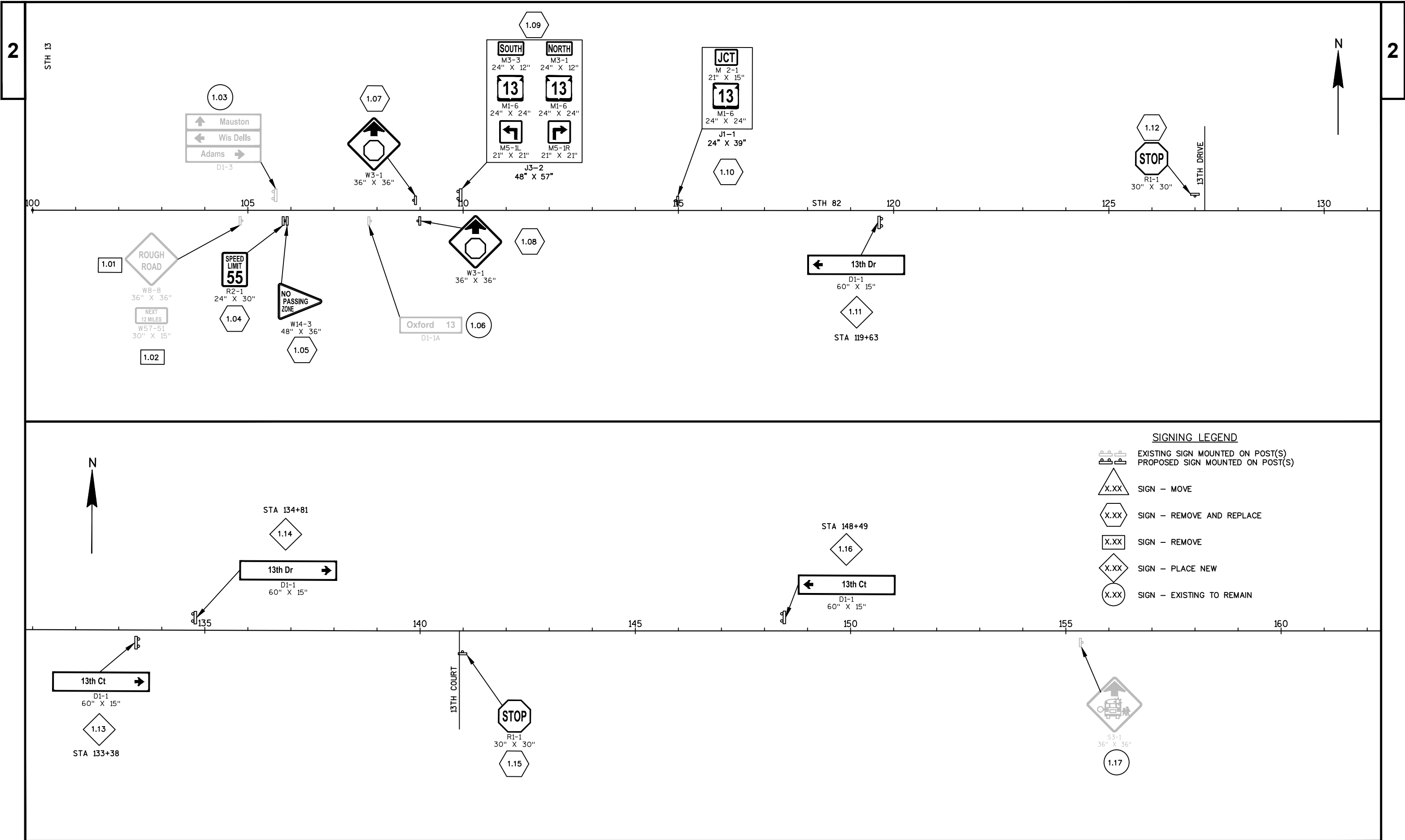
② = CONTRACTOR WILL SUPPLY.

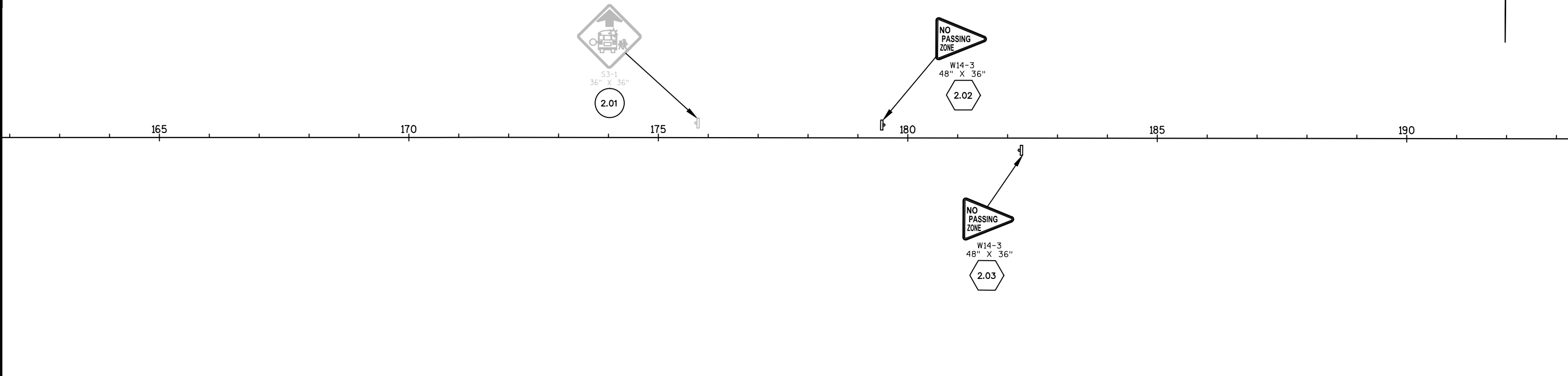
SECTION CORNER MONUMENT AND LANDMARK REFERENCE MONUMENT DETAIL



NOTE:
NO VEGETATION IN LIMITS OF ROADSIDE CLEARING
SHALL BE PRESERVED.

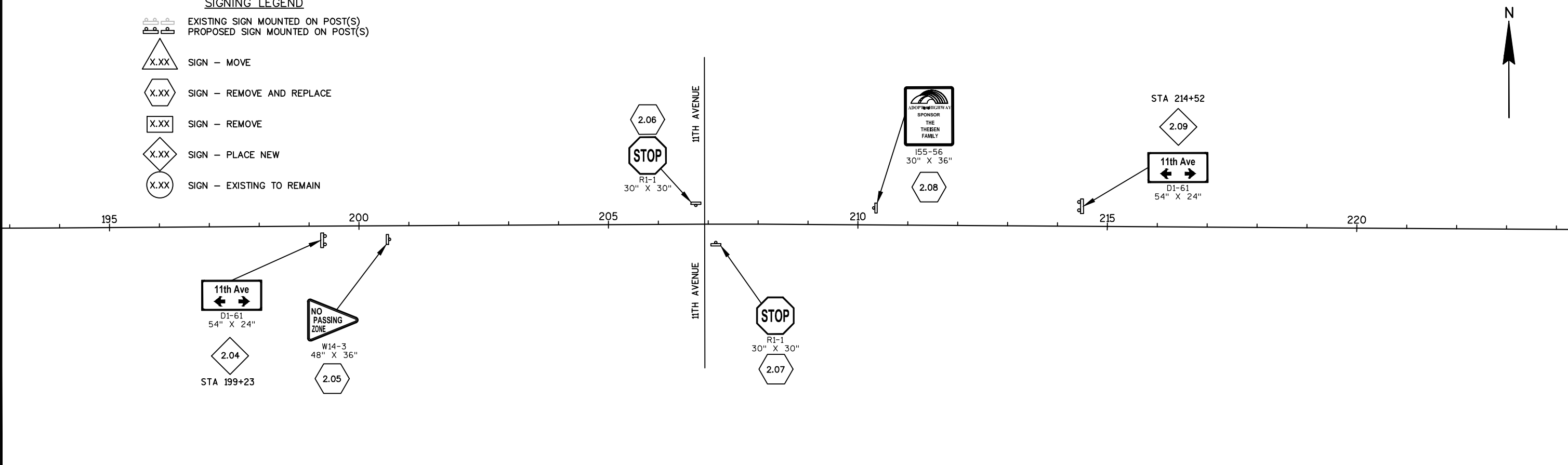


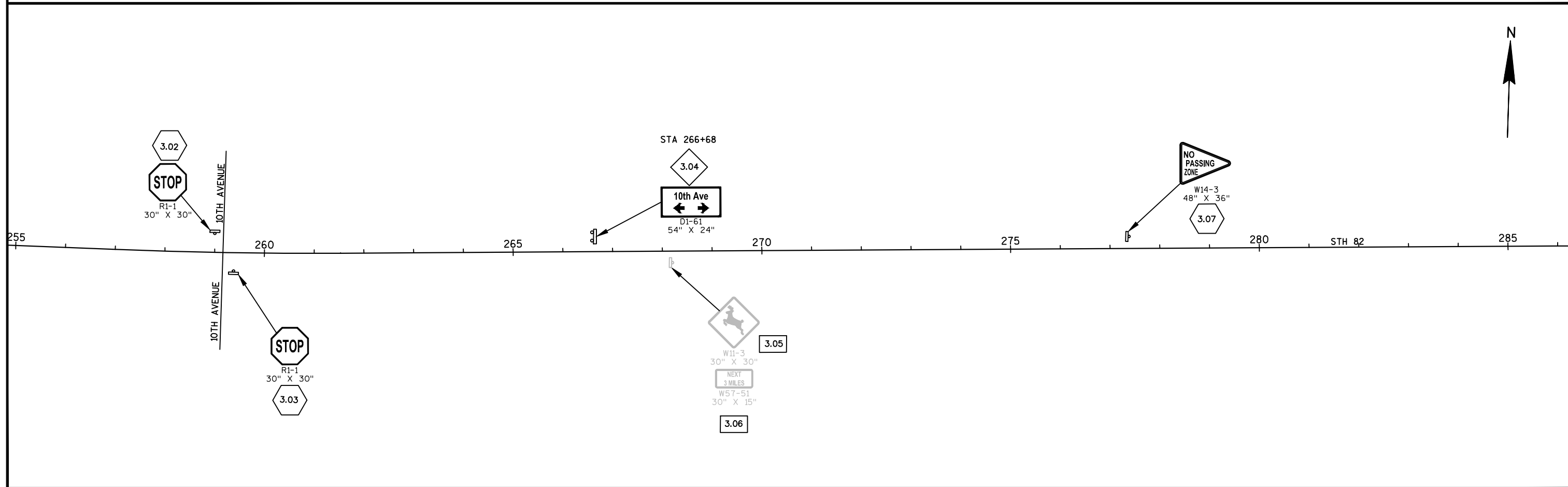




SIGNING LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
 PROPOSED SIGN MOUNTED ON POST(S)
- SIGN - MOVE
- SIGN - REMOVE AND REPLACE
- SIGN - REMOVE
- SIGN - PLACE NEW
- SIGN - EXISTING TO REMAIN



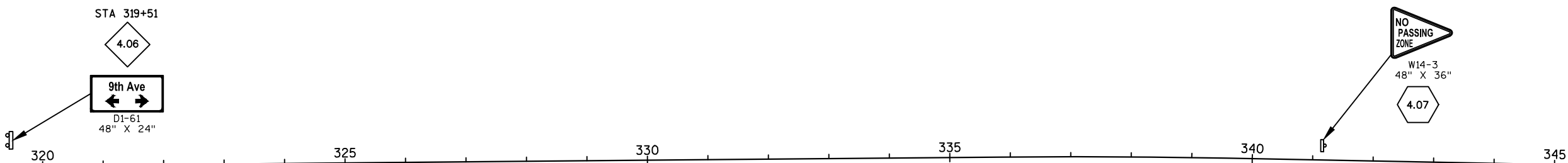
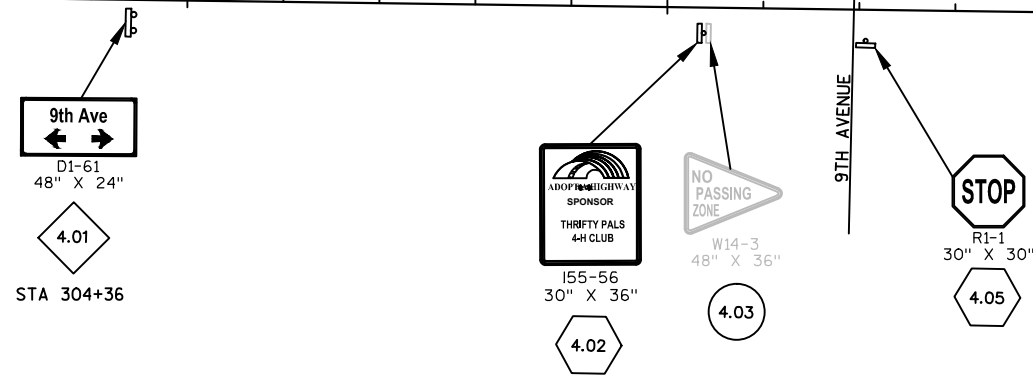


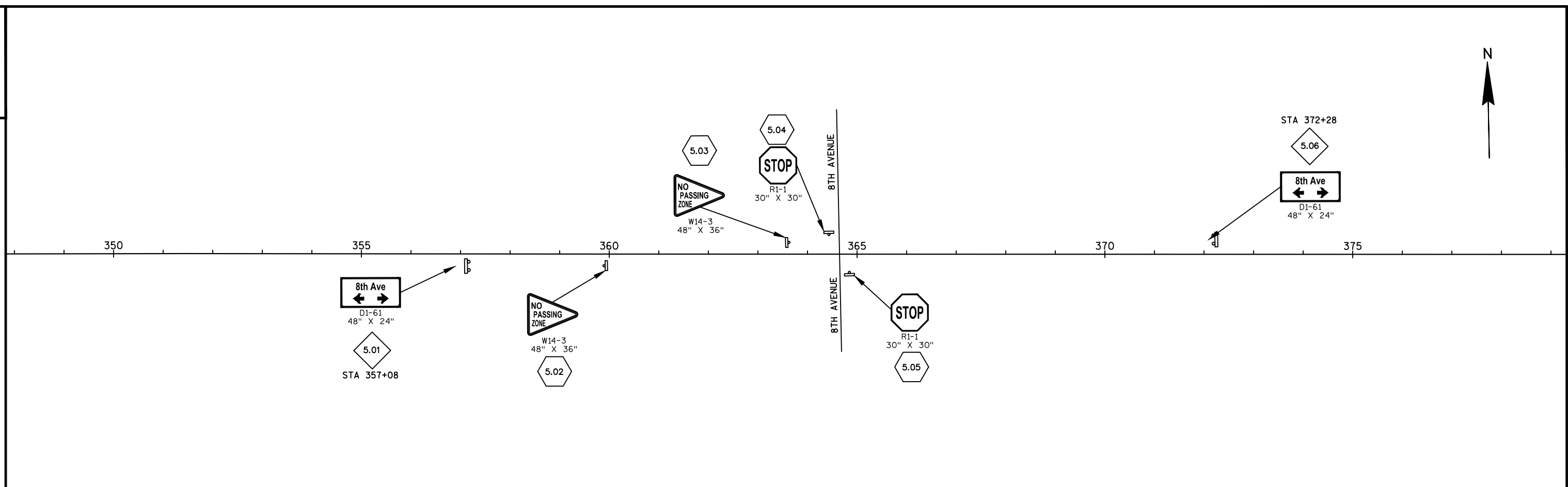


290 295 300 305 310 315

SIGNING LEGEND

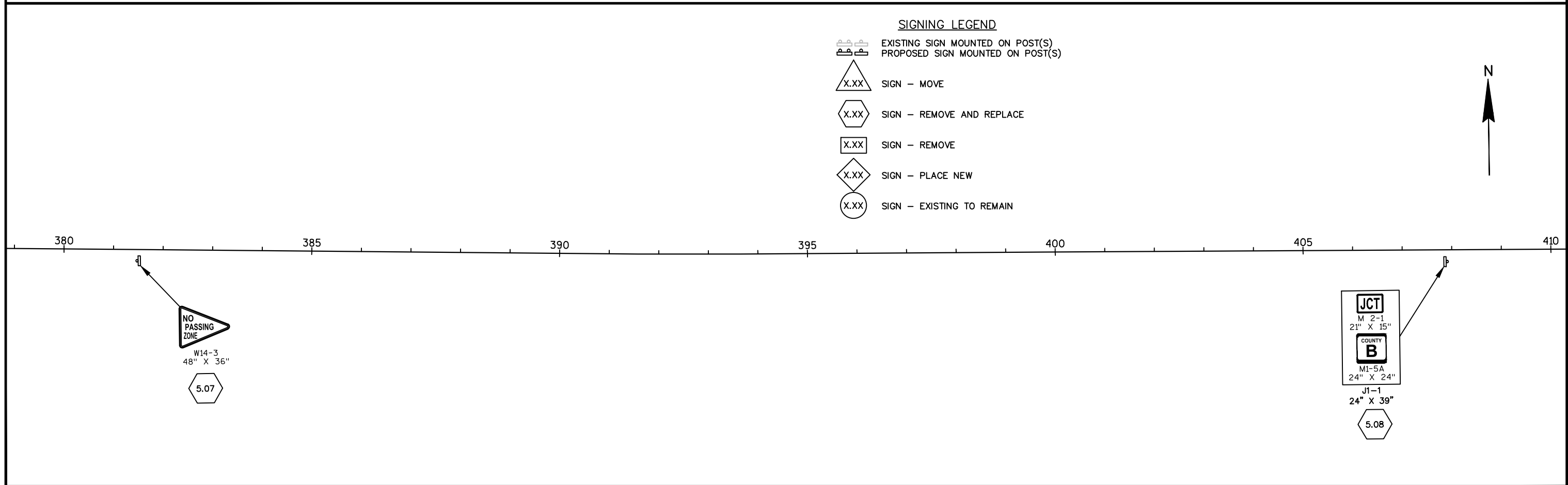
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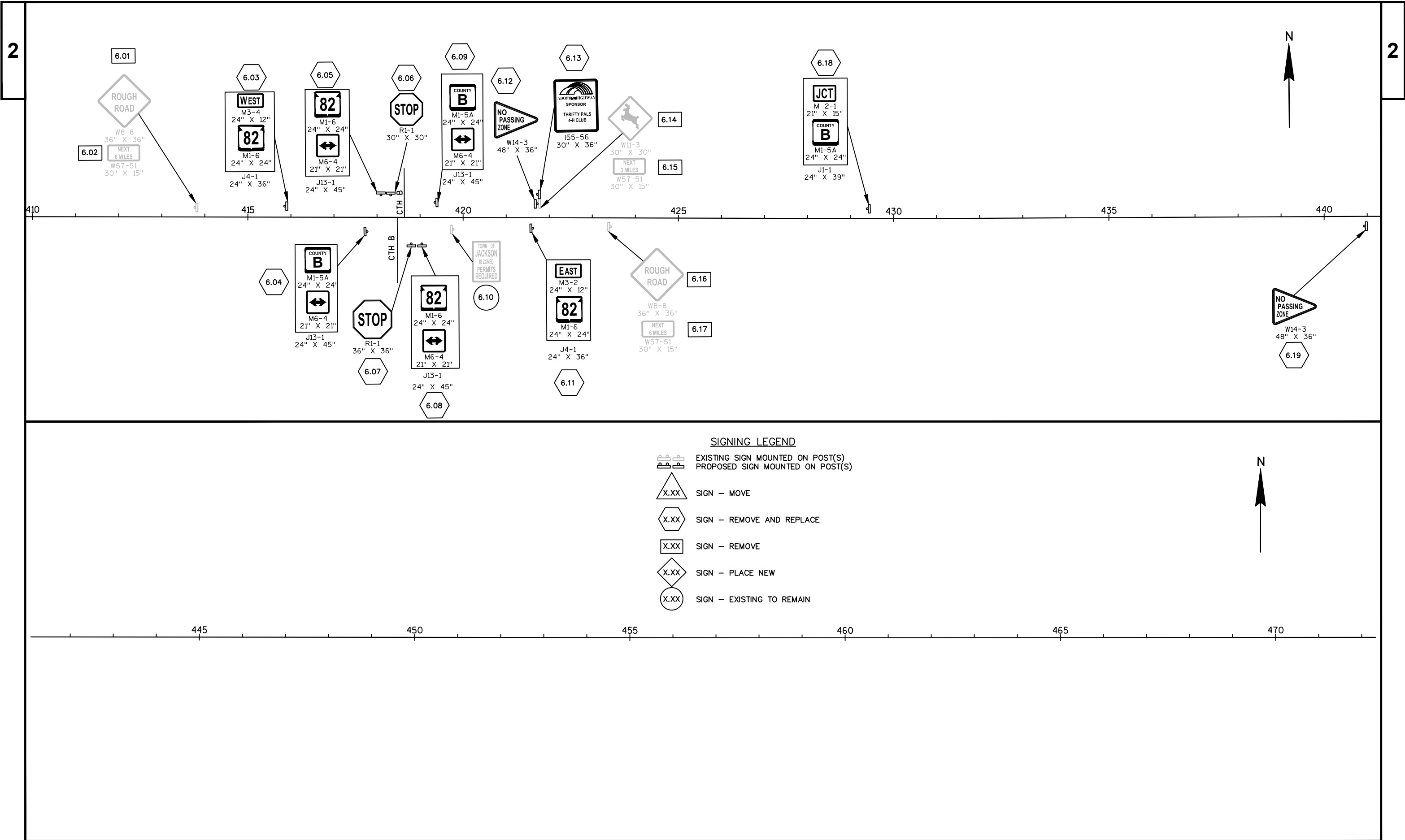




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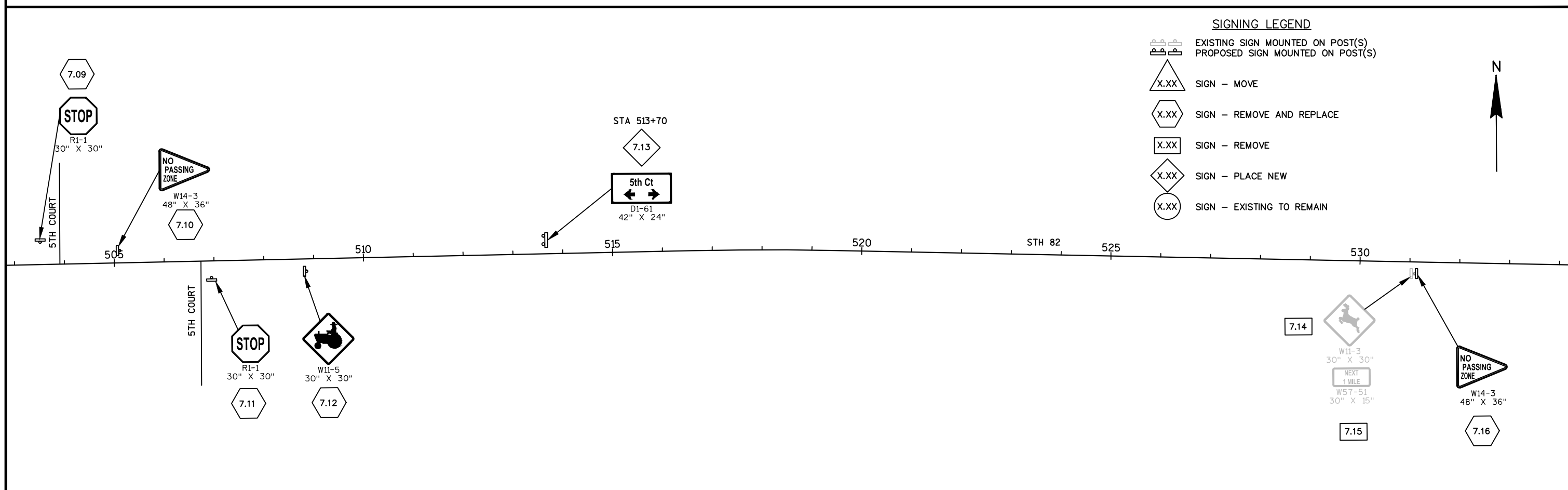
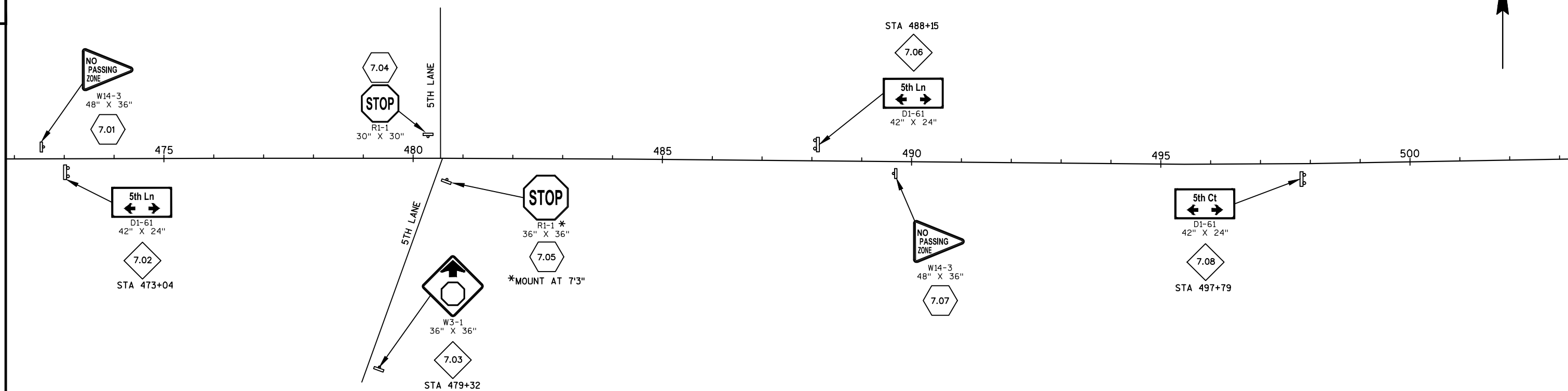
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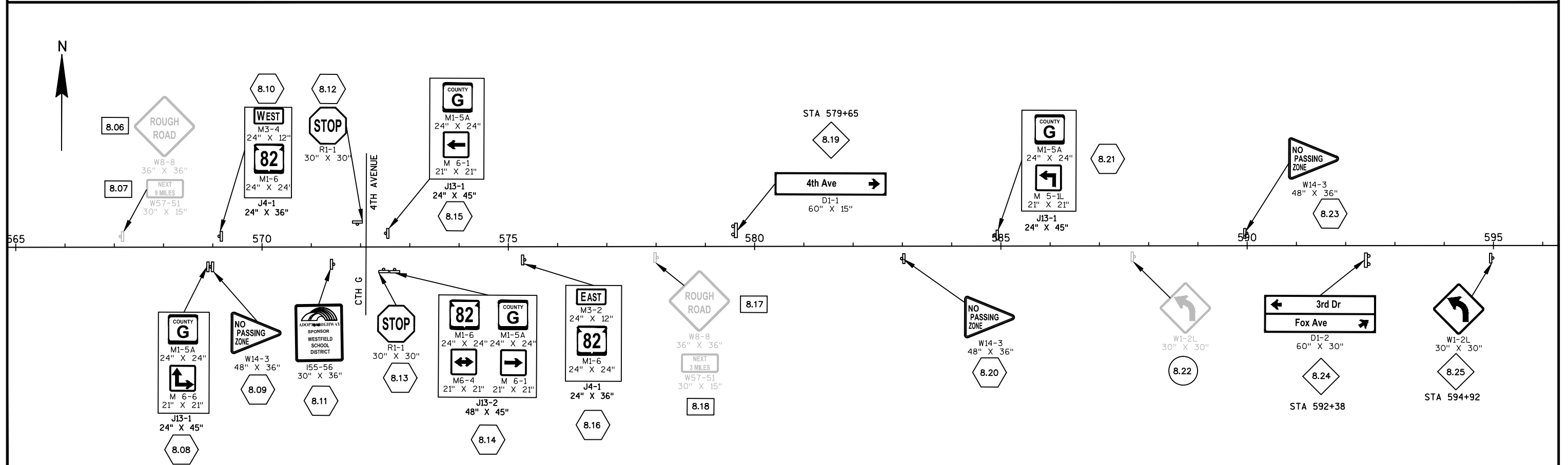


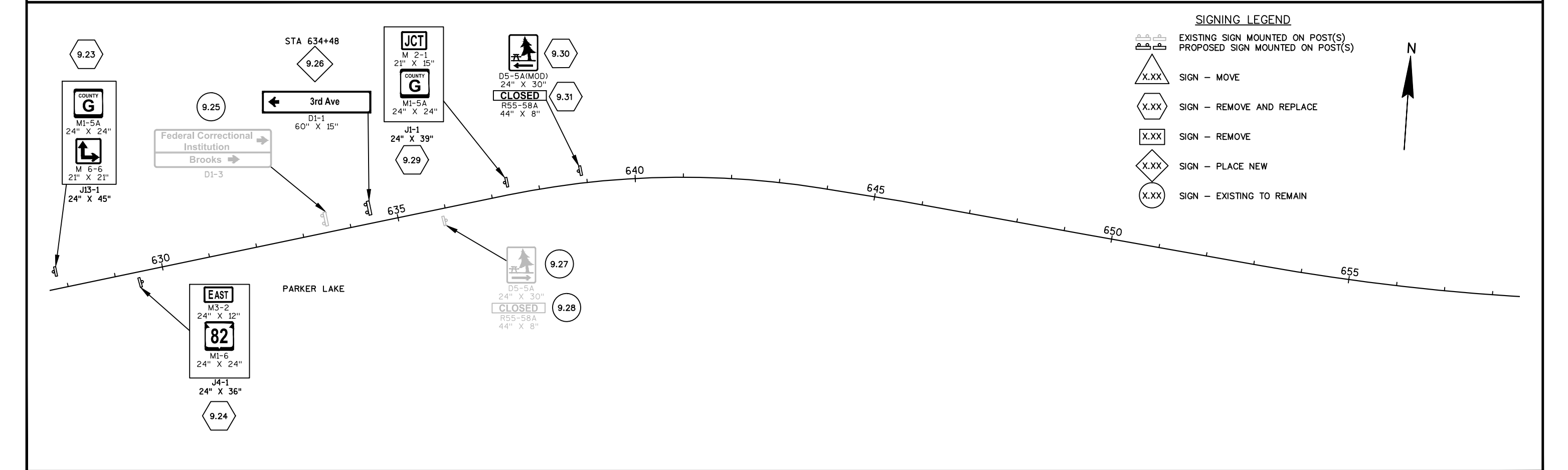
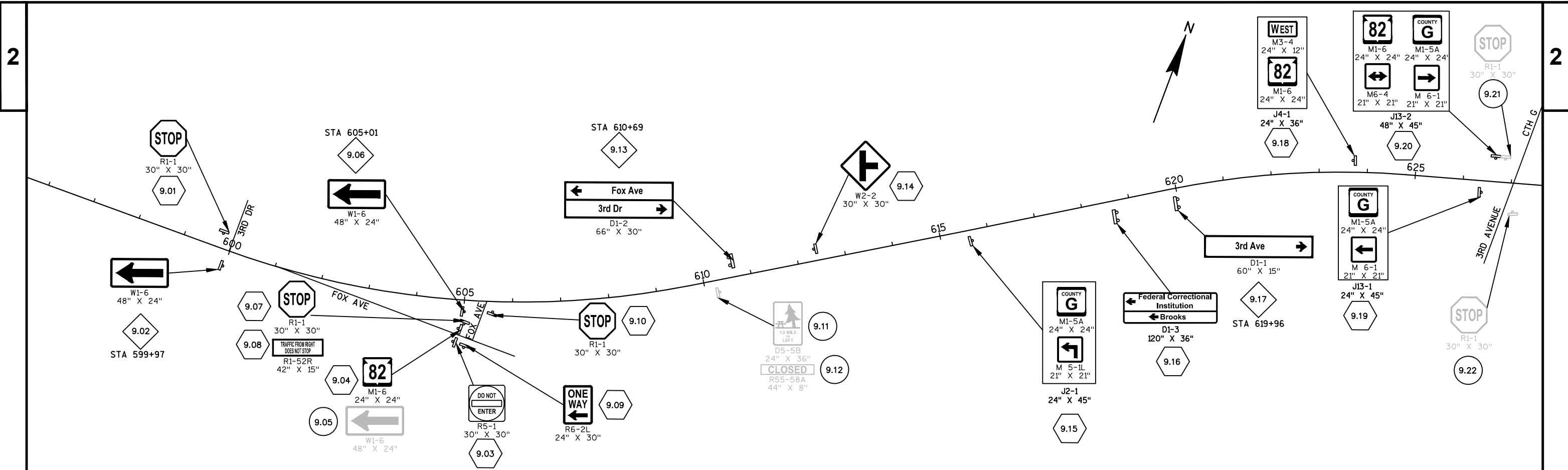


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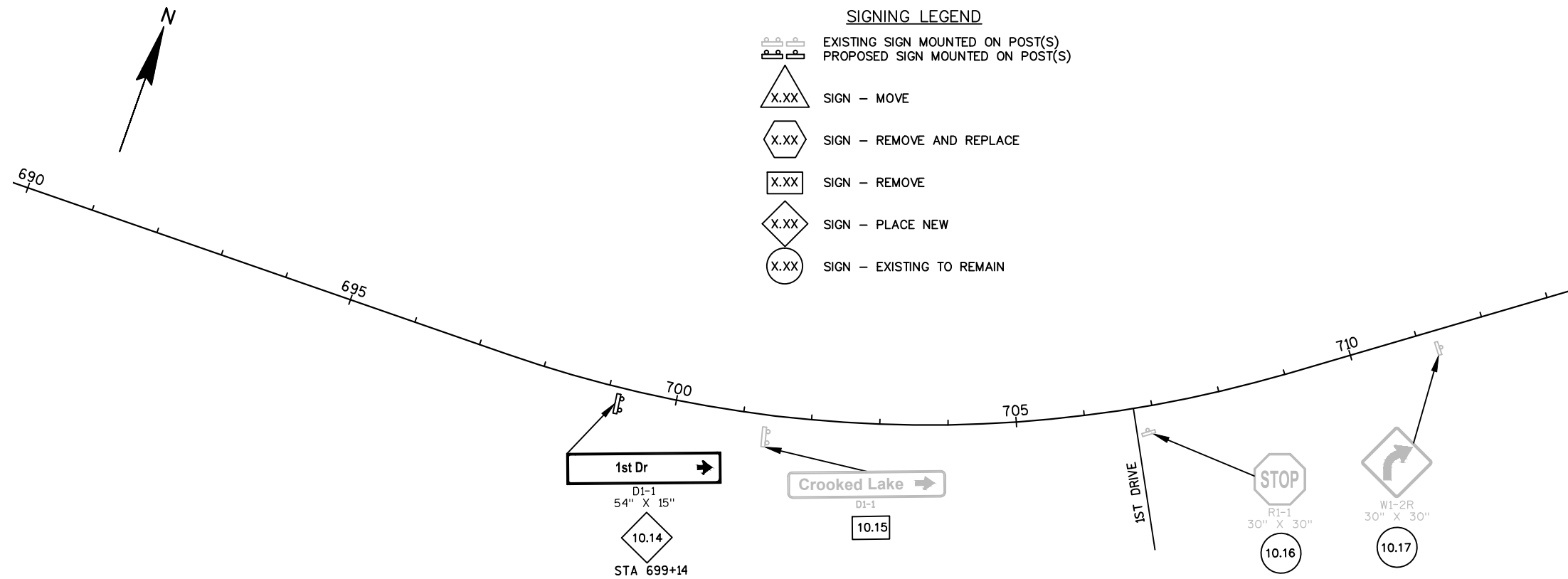
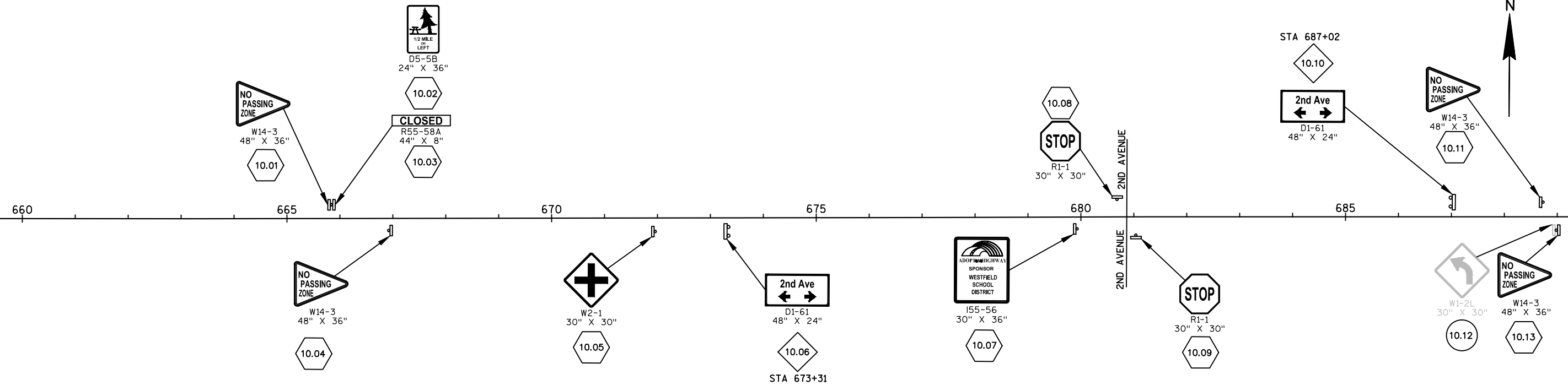
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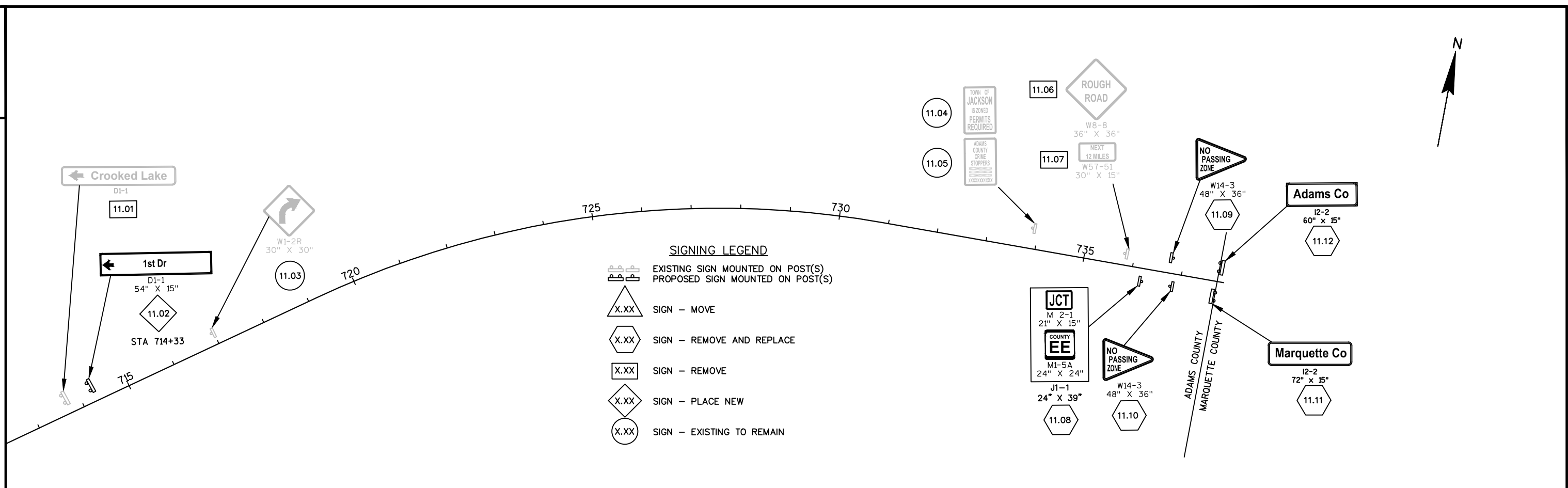


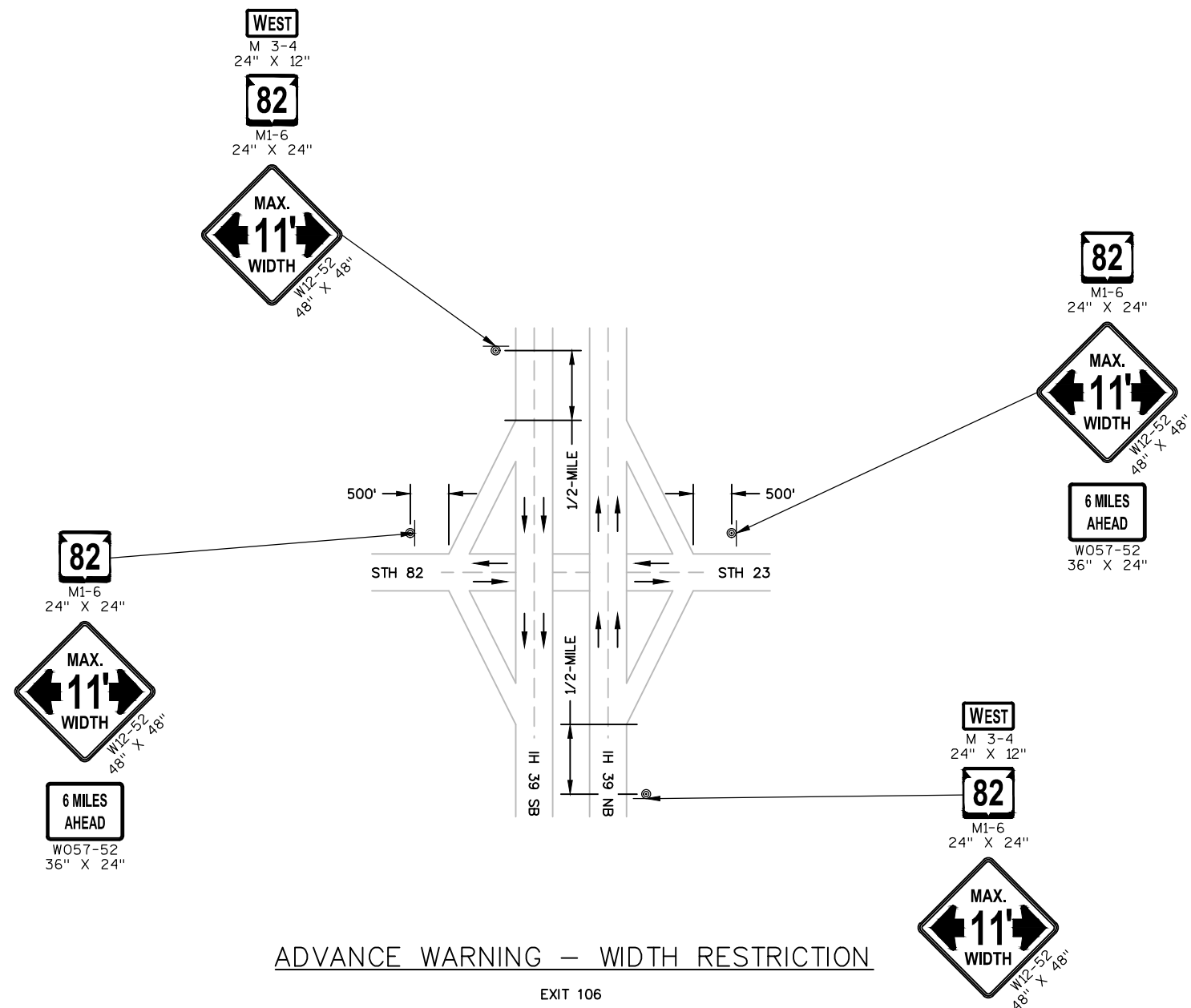
SIGNING LEGEND	
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	SIGN - REMOVE
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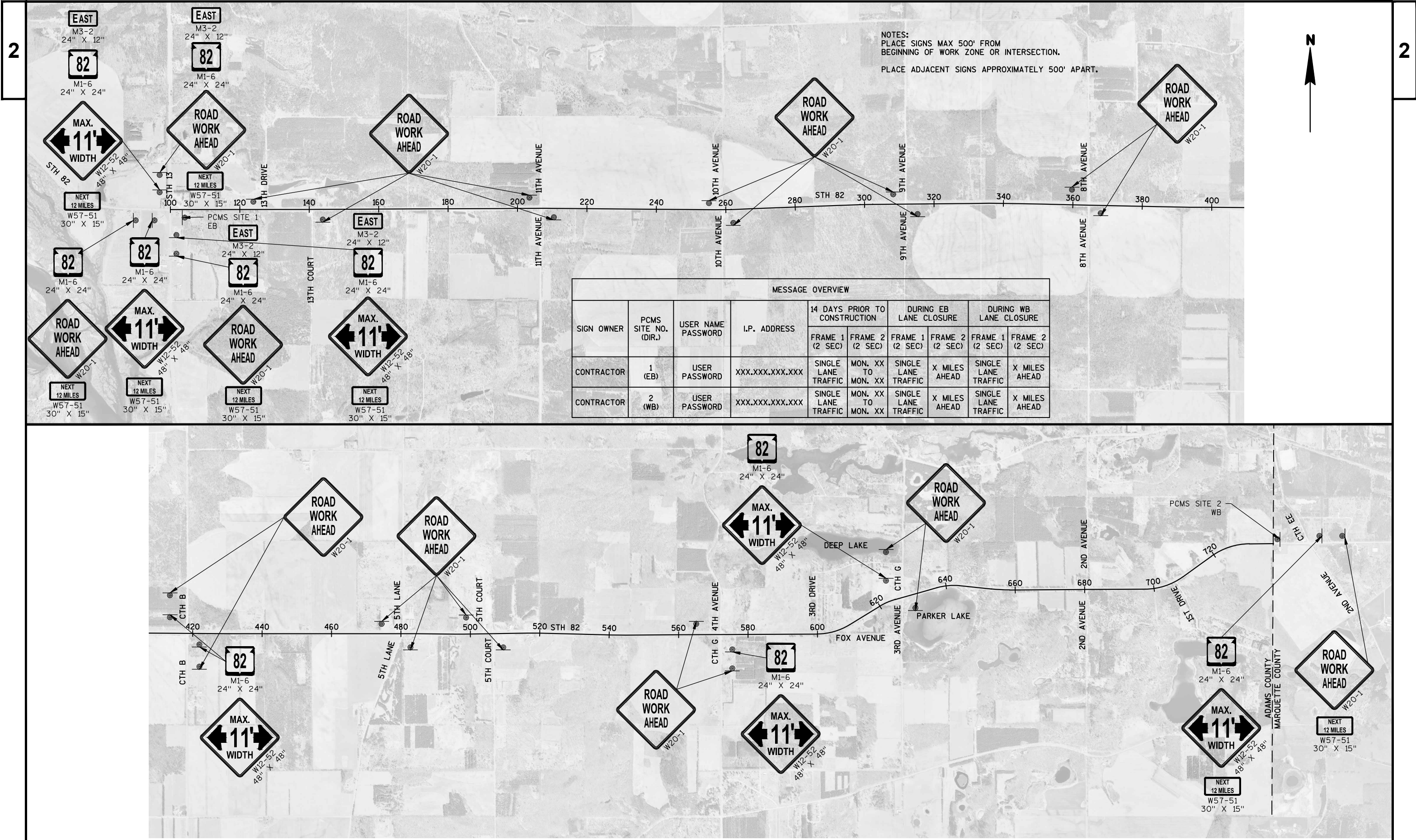


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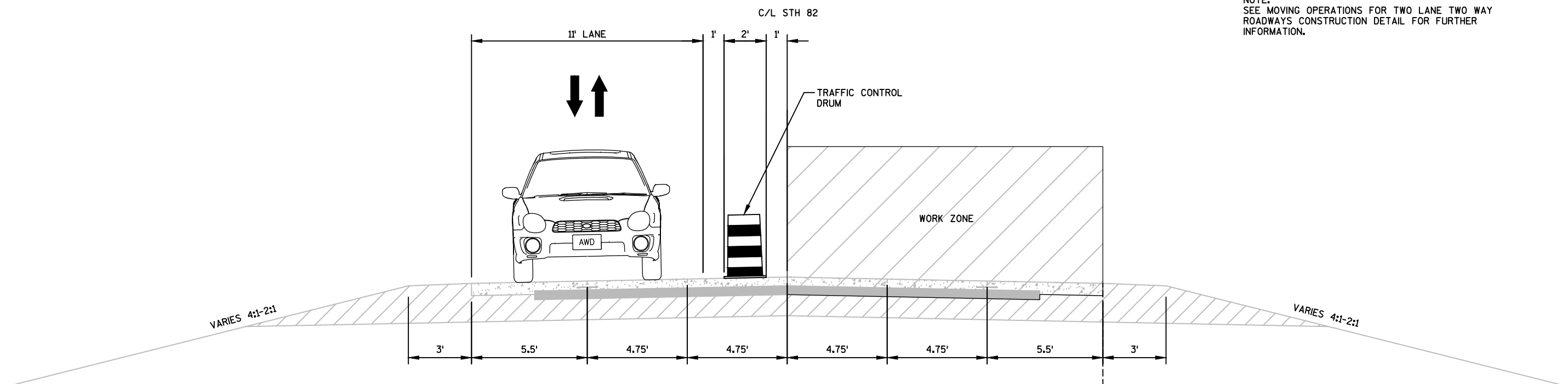
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PROPOSED SIGN MOUNTED ON POST(S)
- X.XX SIGN - MOVE
- X.XX SIGN - REMOVE AND REPLACE
- X.XX SIGN - REMOVE
- X.XX SIGN - PLACE NEW
- X.XX SIGN - EXISTING TO REMAIN







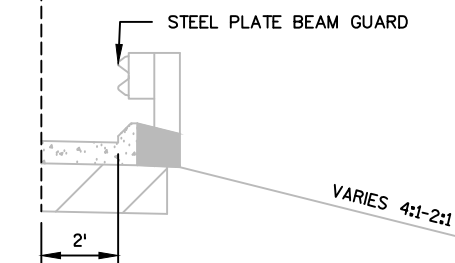
NOTE:
SEE MOVING OPERATIONS FOR TWO LANE TWO WAY
ROADWAYS CONSTRUCTION DETAIL FOR FURTHER
INFORMATION.



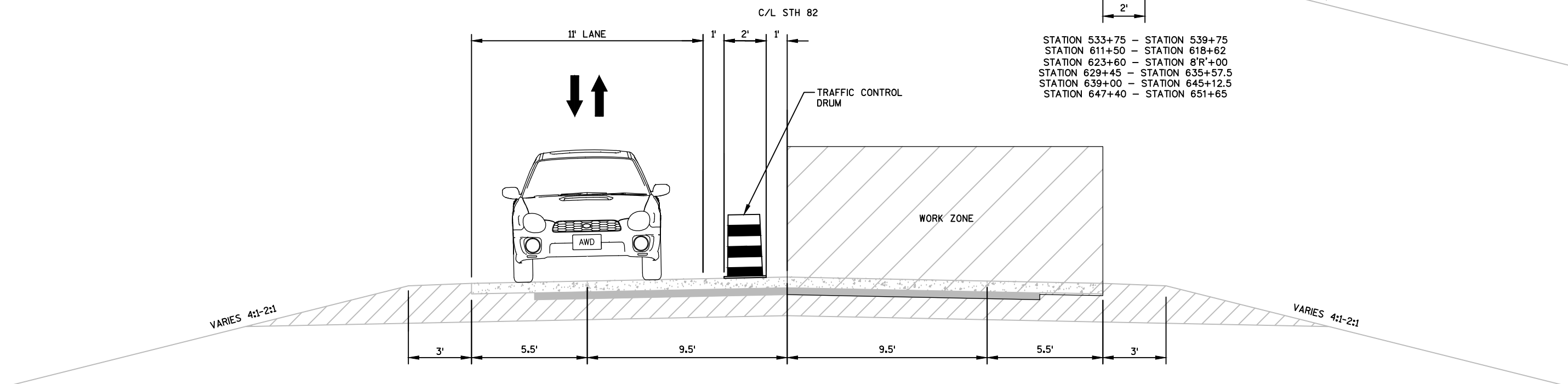
TRAFFIC CONTROL TYPICAL SECTION

STAGE 1

STATION 106+00 - STATION 206+00
STATION 289+00 - STATION 636+50
STATION 639+50 - STATION 737+72



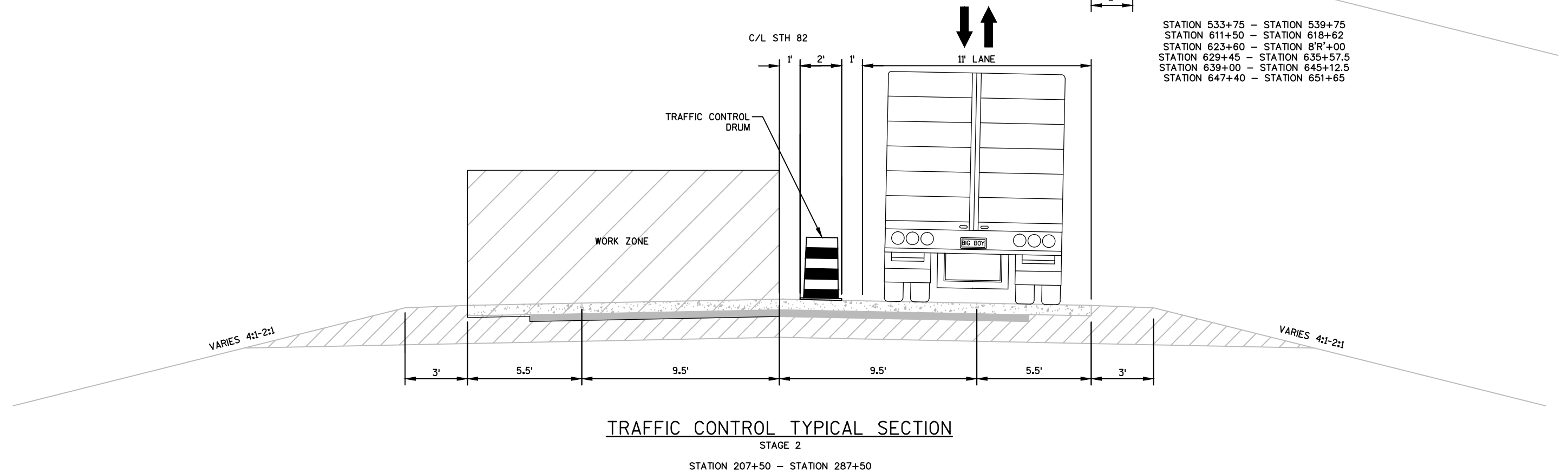
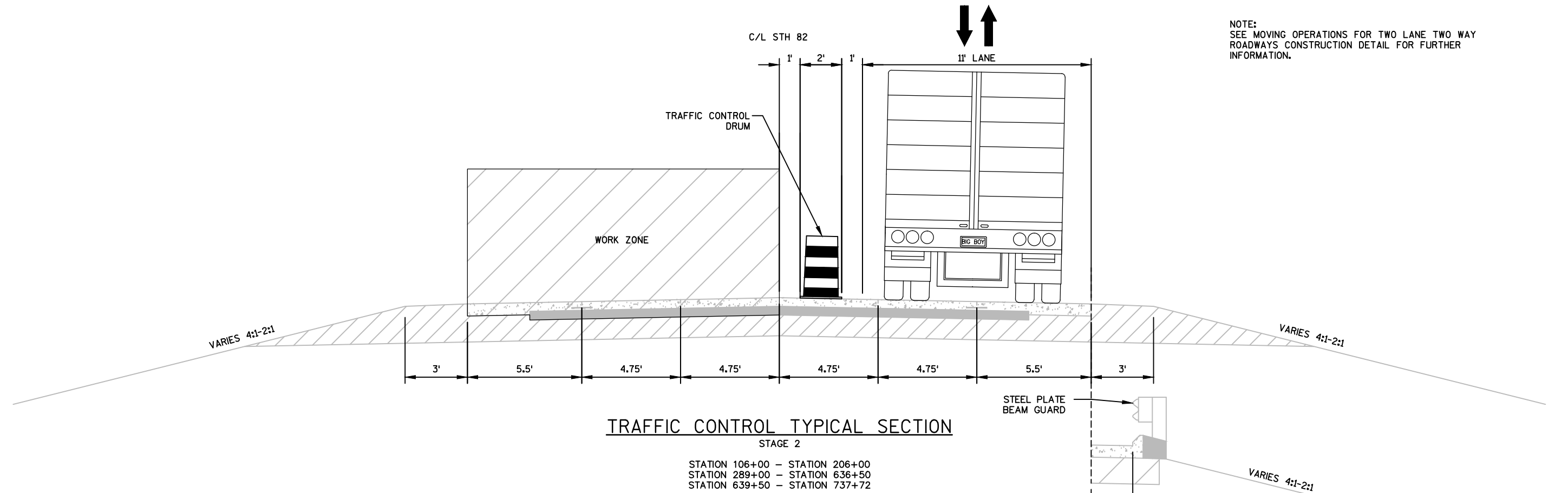
STATION 533+75 - STATION 539+75
STATION 611+50 - STATION 618+62
STATION 623+60 - STATION 8'R'+00
STATION 629+45 - STATION 635+57.5
STATION 639+00 - STATION 645+12.5
STATION 647+40 - STATION 651+65



TRAFFIC CONTROL TYPICAL SECTION

STAGE 1

STATION 207+50 - STATION 287+50



GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

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

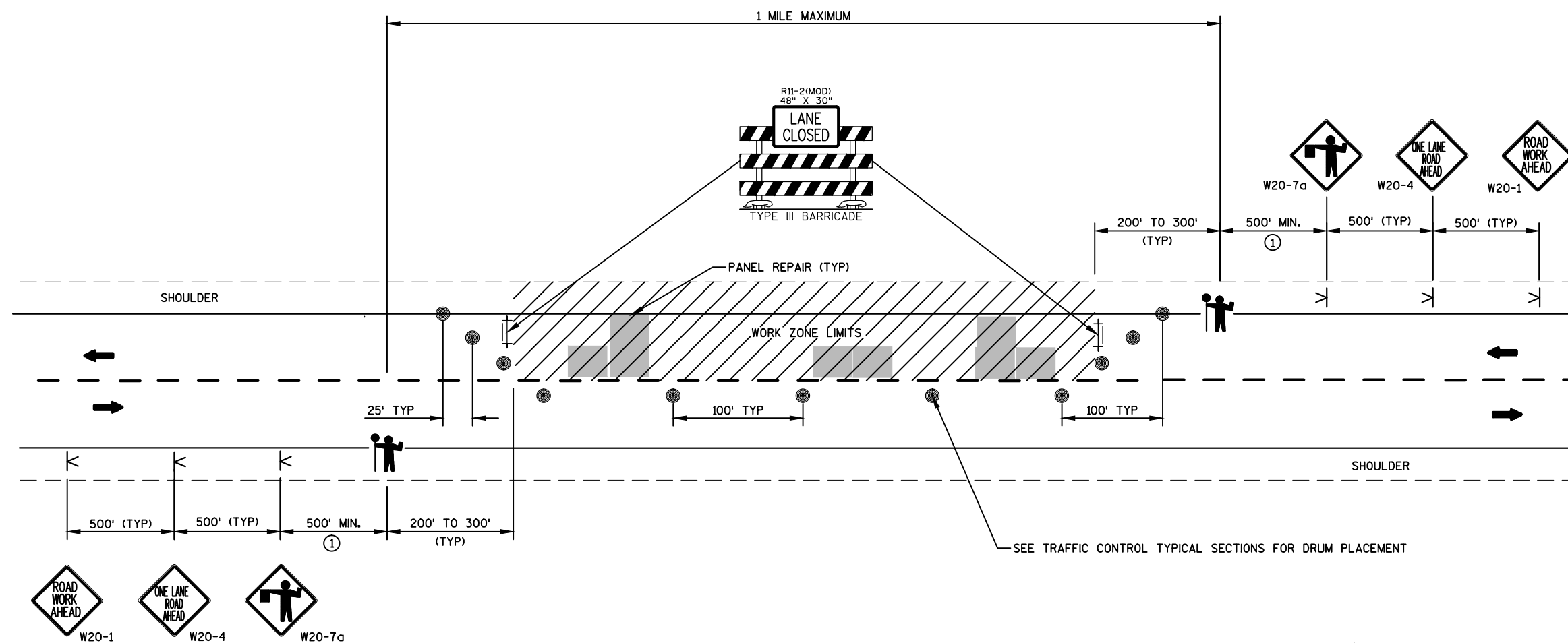
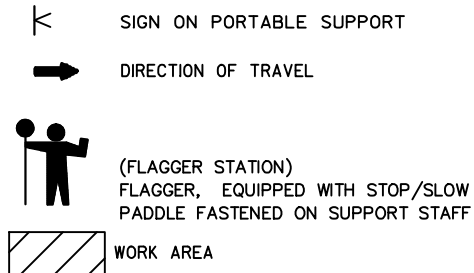
THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE LOCATION OF ALL FLAGGERS) SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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

*THIS DRAWING SHALL BE USED FOR SAWING CONCRETE, PAVEMENT REMOVAL, AND CONCRETE REPAIR. USE STANDARD DETAIL DRAWING "TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)" FOR DIAMOND GRINDING OPERATIONS.

① FOR MOVING WORK OPERATION, SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

LEGEND

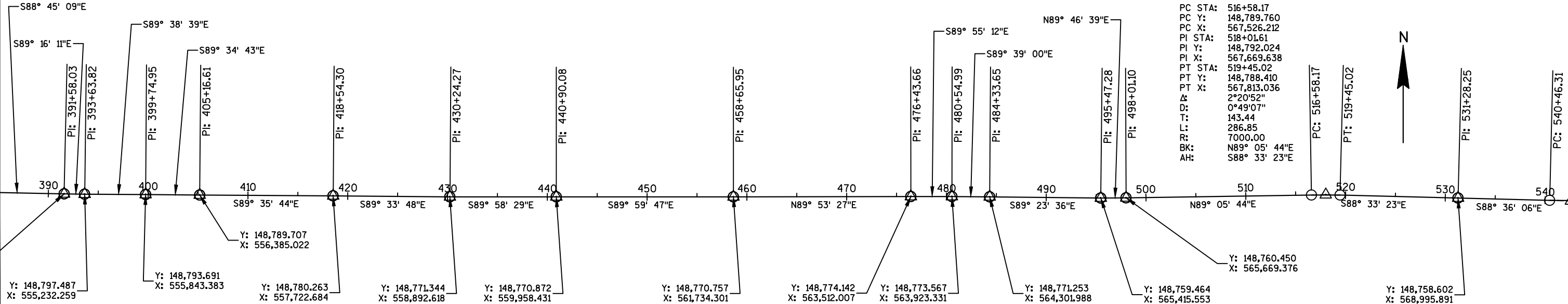
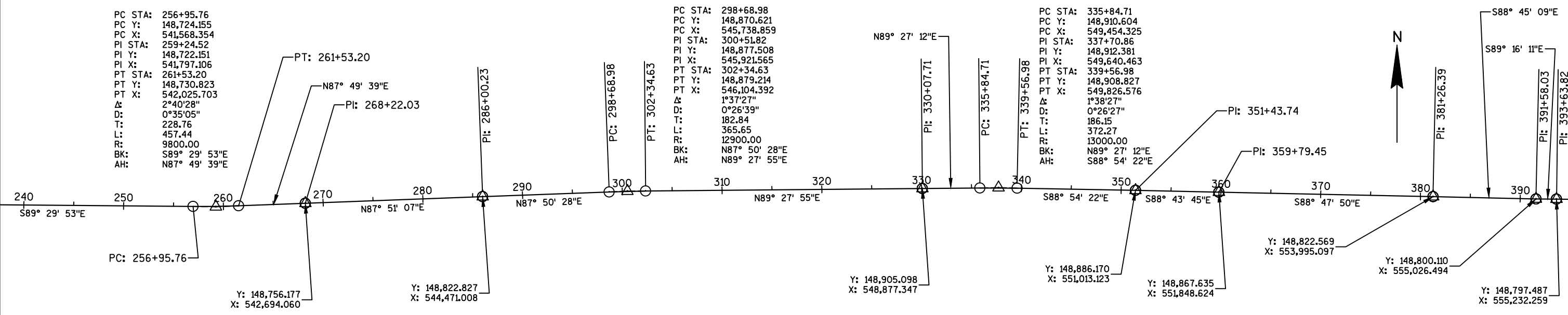
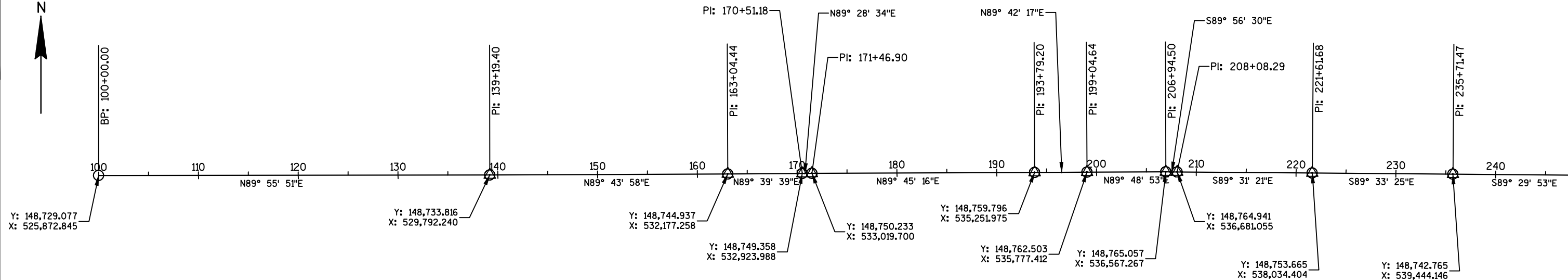


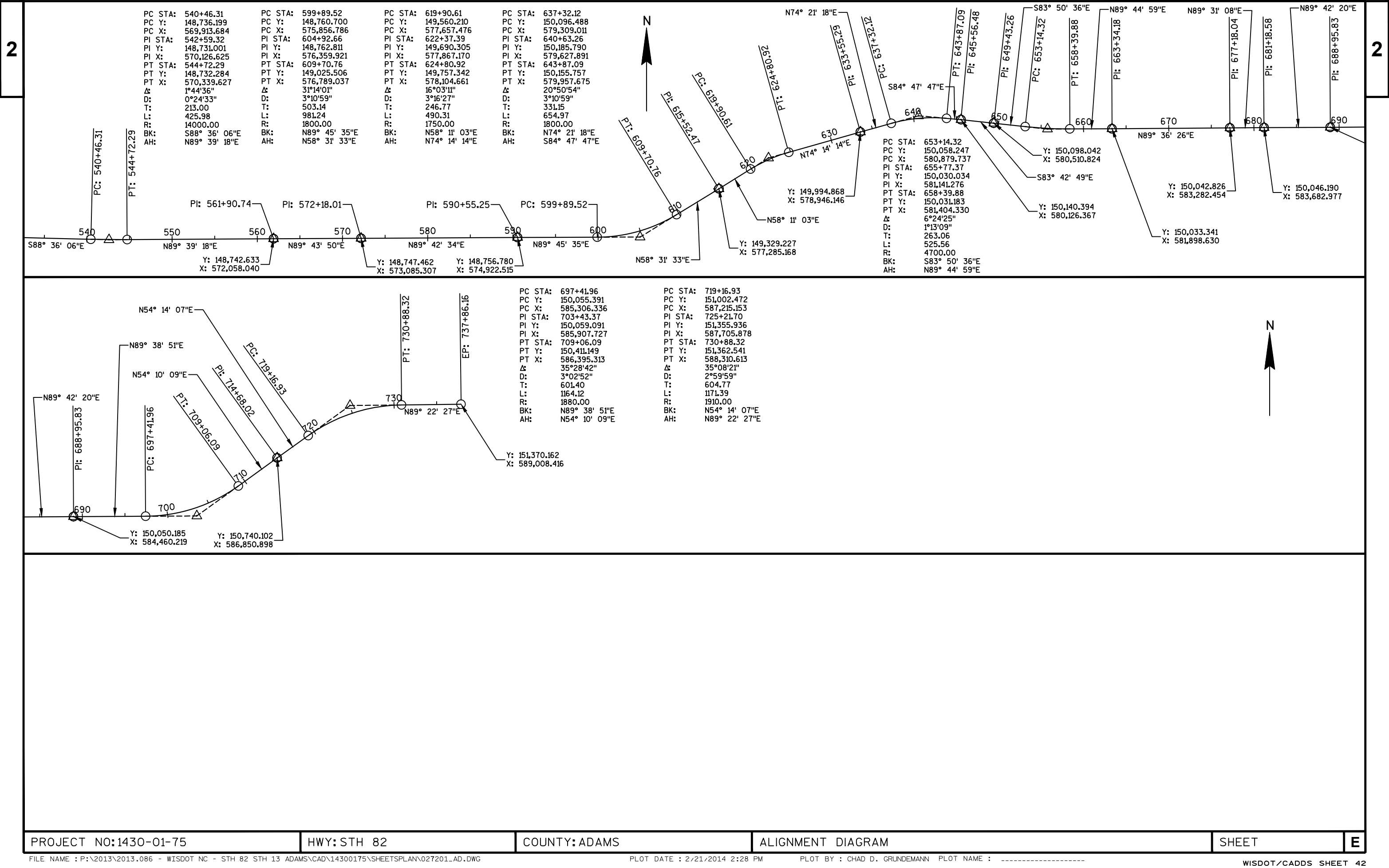
MOVING OPERATIONS FOR TWO-LANE TWO-WAY ROADWAYS*

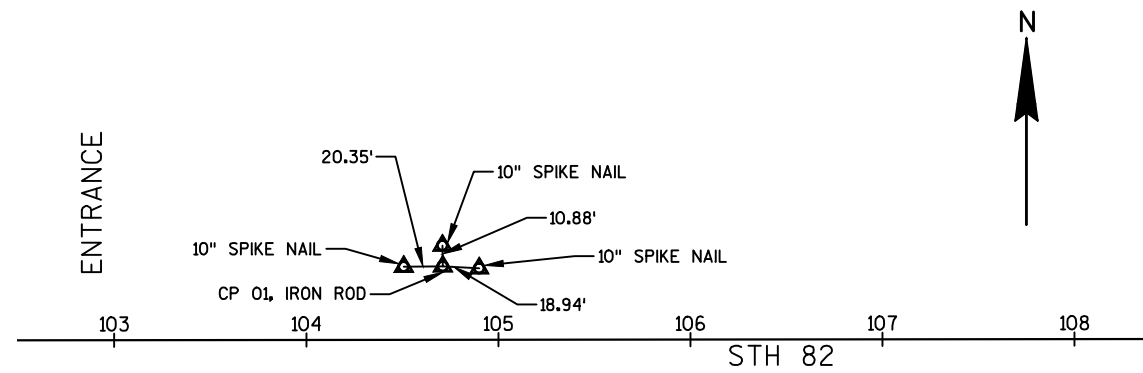


W3-4

USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.

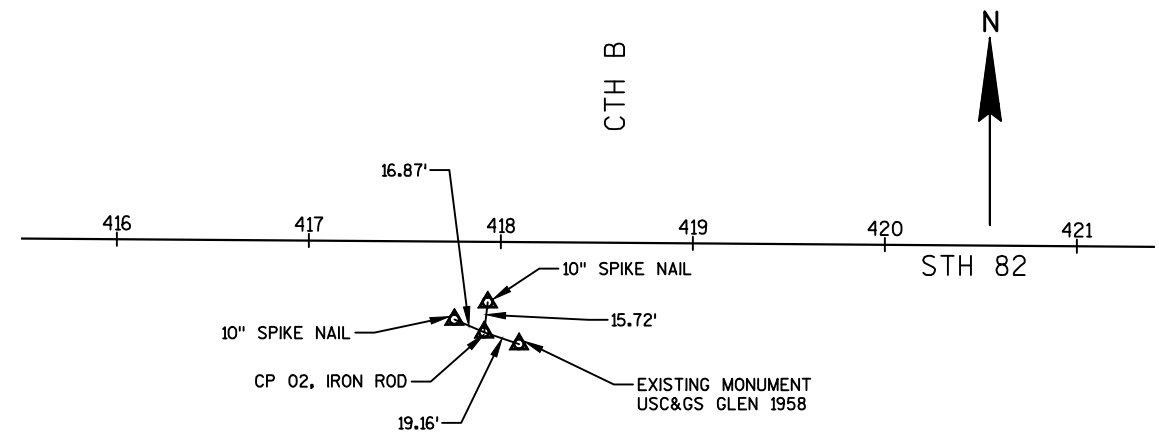






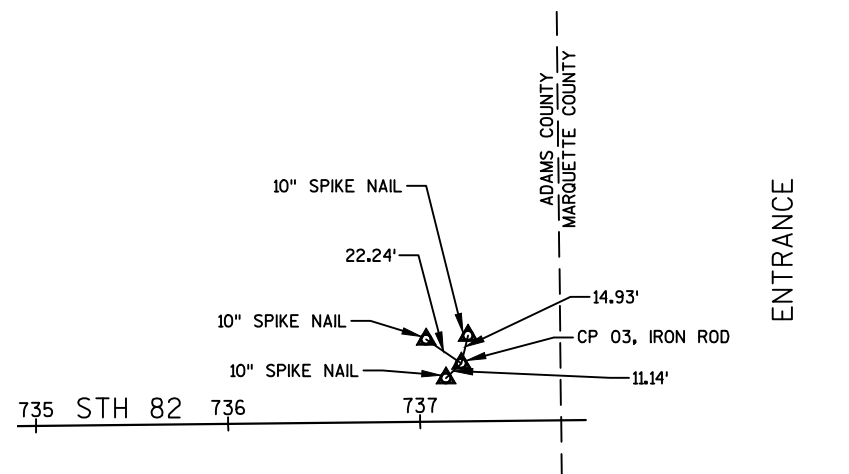
CP 01, 3/8" IRON ROD W/BHA CONTROL CAP
STA 104+71.13, 38.25'LT

Y: 148,767.898
X: 526,343.930



CP 02, 3/8" IRON ROD W/BHA CONTROL CAP
STA 417+91.64, 47.14'RT

Y: 148,733.566
X: 557,659.687



CP 03, 3/8" IRON ROD W/BHA CONTROL CAP
STA 737+21.83, 30.13'LT

Y: 151,399.591
X: 588,943.751

DATE 12SEP14		E S T I M A T E O F Q U A N T I T I E S			
LINE					1430-01-75
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	202.0110	ROADSIDE CLEARING	SY	2,680.000	2,680.000
0020	204.0100	REMOVING PAVEMENT	SY	17,650.000	17,650.000
0030	211.0100	PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) 01. 1430-01-75	LS	1.000	1.000
0040	213.0100	FINISHING ROADWAY (PROJECT) 01. 1430-01-75	EACH	1.000	1.000
0050	305.0110	BASE AGGREGATE DENSE 3/4-INCH	TON	70.000	70.000
0060	305.0500	SHAPING SHOULDERS	STA	326.000	326.000
0070	420.1000.S	CONCRETE PAVEMENT CONTINUOUS DIAMOND GRINDING	SY	62,520.000	62,520.000
0080	455.0605	TACK COAT	GAL	470.000	470.000
0090	465.0105	ASPHALTIC SURFACE	TON	5,250.000	5,250.000
0100	465.0110	ASPHALTIC SURFACE PATCHING	TON	970.000	970.000
0110	618.0100	MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) 01. 1430-01-75	EACH	1.000	1.000
0120	619.1000	MOBILIZATION	EACH	1.000	1.000
0130	621.0100	LANDMARK REFERENCE MONUMENTS	EACH	6.000	6.000
0140	628.1905	MOBILIZATIONS EROSION CONTROL	EACH	3.000	3.000
0150	628.1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	3.000	3.000
0160	628.7015	INLET PROTECTION TYPE C	EACH	3.000	3.000
0170	628.7570	ROCK BAGS	EACH	16.000	16.000
0180	634.0616	POSTS WOOD 4X6-INCH X 16-FT	EACH	147.000	147.000
0190	637.2210	SIGNS TYPE II REFLECTIVE H	SF	641.900	641.900
0200	637.2230	SIGNS TYPE II REFLECTIVE F	SF	230.000	230.000
0210	638.2602	REMOVING SIGNS TYPE II	EACH	140.000	140.000
0220	638.3000	REMOVING SMALL SIGN SUPPORTS	EACH	103.000	103.000
0230	642.5001	FIELD OFFICE TYPE B	EACH	1.000	1.000
0240	643.0100	TRAFFIC CONTROL (PROJECT) 01. 1430-01-75	EACH	1.000	1.000
0250	643.0300	TRAFFIC CONTROL DRUMS	DAY	13,500.000	13,500.000
0260	643.0420	TRAFFIC CONTROL BARRICADES TYPE III	DAY	450.000	450.000
0270	643.0900	TRAFFIC CONTROL SIGNS	DAY	9,321.000	9,321.000
0280	643.1050	TRAFFIC CONTROL SIGNS PCMS	DAY	178.000	178.000
0290	646.0106	PAVEMENT MARKING EPOXY 4-INCH	LF	180,205.000	180,205.000
0300	646.0126	PAVEMENT MARKING EPOXY 8-INCH	LF	905.000	905.000
0310	649.0100	TEMPORARY PAVEMENT MARKING 4-INCH	LF	360.000	360.000
0320	650.8000	CONSTRUCTION STAKING RESURFACING REFERENCE	LF	63,453.000	63,453.000
0330	690.0250	SAWING CONCRETE	LF	21,110.000	21,110.000
0340	ASP.1T0A	ON-THE-JOB TRAINING APPRENTICE AT \$5.00/HR	HRS	1,200.000	1,200.000
0350	ASP.1T0G	ON-THE-JOB TRAINING GRADUATE AT \$5.00/HR	HRS	600.000	600.000

202.0110 ROADSIDE CLEARING

STATION	TO	STATION	LOCATION	SY
619+24	-	626+39	RT	2,680
TOTAL				2,680

211.0100 PREPARE FOUNDATION FOR
ASPHALTIC PAVING (PROJECT)

LOCATION	LS
1430-01-75	1
TOTAL	1

ALL ITEMS AND QUANTITIES ON
THIS SHEET ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

PAVEMENT REPAIRS

				204.0100	455.0605	465.0105	690.0250	
				PANEL SIZE (W X L)	REMOVING PAVEMENT	TACK COAT	ASPHALTIC SURFACE	SAWING CONCRETE
STATION	TO	STATION	LOCATION	LF	SY	GAL	TON	LF
108+52	-	108+70	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
	109+83		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	111+05		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	112+16		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	21.50
114+13	-	114+31	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
	115+30		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	115+36		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	116+56		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
118+98	-	119+16	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
	119+26		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
122+03	-	122+21	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
	122+37		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	21.50
126+81	-	127+05	LT, RT	30.00 x 24.00	80.00	2.00	22.00	84.00
	127+45		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	127+82		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	127+82		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	21.50
	128+19		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	21.50
	128+62		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	21.50
129+94	-	130+12	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
132+40	-	132+58	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
136+23	-	136+41	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
139+05	-	139+41	LT, RT	30.00 x 36.00	120.00	3.00	33.00	96.00
	140+04		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	140+10		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
141+87	-	142+65	LT, RT	30.00 x 78.00	260.00	6.50	71.50	138.00
	145+08		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	145+15		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
145+55	-	145+97	LT, RT	30.00 x 42.00	140.00	3.50	38.50	102.00
148+57	-	148+75	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
152+39	-	152+63	LT, RT	30.00 x 24.00	80.00	2.00	22.00	84.00
154+46	-	155+66	LT, RT	30.00 x 120.00	400.00	10.00	110.00	180.00
	156+20		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	156+97		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	157+03		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	162+02		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	162+08		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
163+65	-	165+75	LT, RT	30.00 x 210.00	700.00	17.50	192.50	270.00
	166+65		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	166+65		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	166+71		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	166+71		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	167+02		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	167+08		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
170+57	-	170+75	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
173+42	-	173+66	LT, RT	30.00 x 24.00	80.00	2.00	22.00	84.00
SUBTOTALS					2,400.00	62.22	684.41	2,242.00

PAVEMENT REPAIRS								
				204.0100	455.0605	465.0105	690.0250	
			PANEL	REMOVING	TACK	ASPHALTIC	SAWING	
			SIZE	PAVEMENT	COAT	SURFACE	CONCRETE	
			(W X L)					
STATION	TO	STATION	LOCATION	LF	SY	GAL	TON	LF
	174+07		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	174+62		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	174+68		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	12.00
	174+74		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
178+03	-	178+21	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
179+89	-	180+07	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
	183+90		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	183+95		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
184+41	-	184+59	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
186+52	-	187+06	LT, RT	30.00 x 54.00	180.00	4.50	49.50	114.00
190+87	-	191+05	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
234+91	-	235+15	LT, RT	30.00 x 24.00	80.00	2.00	26.40	84.00
253+39	-	253+63	LT, RT	30.00 x 24.00	80.00	2.00	26.40	84.00
255+31	-	255+55	LT, RT	30.00 x 24.00	80.00	2.00	26.40	84.00
261+45	-	261+69	LT, RT	30.00 x 24.00	80.00	2.00	26.40	84.00
273+35	-	273+59	LT, RT	30.00 x 24.00	80.00	2.00	26.40	84.00
	275+09		4.750 RT	9.50 X 12.00	12.67	0.32	4.18	43.00
	275+80		4.750 RT	9.50 X 12.00	12.67	0.32	4.18	43.00
276+69	-	277+53	LT, RT	30.00 x 84.00	280.00	7.00	92.40	144.00
	278+65		4.750 RT	9.50 X 12.00	12.67	0.32	4.18	43.00
	279+01		4.750 RT	9.50 X 12.00	12.67	0.32	4.18	43.00
	279+38		4.750 RT	9.50 X 12.00	12.67	0.32	4.18	43.00
279+54	-	279+90	LT, RT	30.00 x 36.00	120.00	3.00	39.60	96.00
281+23	-	281+83	LT, RT	30.00 x 60.00	200.00	5.00	66.00	120.00
285+05	-	285+65	LT, RT	30.00 x 60.00	200.00	5.00	66.00	120.00
	286+77		4.750 RT	9.50 X 12.00	12.67	0.32	4.18	33.50
	286+89		4.750 RT	9.50 X 12.00	12.67	0.32	4.18	33.50
292+36	-	292+54	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
	292+81		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	292+87		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
296+05	-	296+23	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
	296+86		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	296+91		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
297+78	-	298+26	LT, RT	30.00 x 48.00	160.00	4.00	44.00	108.00
	298+42		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	298+48		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	299+07		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	299+78		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	299+84		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	299+90		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
301+01	-	301+19	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
	301+82		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	302+13		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	302+25		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	302+31		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
SUBTOTALS					1,960.00	52.80	651.70	2,294.50

ALL ITEMS AND QUANTITIES ON
THIS SHEET ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

PROJECT NO:1430-01-75

HWY: STH 82

COUNTY: ADAMS

MISCELLANEOUS QUANTITIES

SHEET:

E

PAVEMENT REPAIRS								
				204.0100	455.0605	465.0105	690.0250	
			PANEL	REMOVING	TACK	ASPHALTIC	SAWING	
			SIZE	PAVEMENT	COAT	SURFACE	CONCRETE	
			(W X L)					
STATION	TO	STATION	LOCATION	LF	SY	GAL	TON	LF
	304+28		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	304+34		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
304+62	-	304+80	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
	304+95		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
307+13	-	307+49	LT, RT	30.00 x 36.00	120.00	3.00	33.00	96.00
	308+52		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	309+29		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	309+36		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	309+41		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	309+48		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	310+31		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	310+38		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	310+43		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	310+49		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	310+55		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
310+82	-	311+00	LT, RT	30.00 X 18.00	60.00	1.50	16.50	78.00
	311+21		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	311+27		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	311+33		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	311+51		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	311+58		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	311+64		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	311+70		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	311+75		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	15.50
	311+76		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	311+76		12.250 LT	5.50 X 6.00	3.67	0.09	1.01	17.00
	312+24		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	312+48		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	312+54		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	312+60		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	312+67		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	312+72		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	312+79		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	312+84		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	312+90		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
314+20	-	314+38	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	316+59		12.250 RT	5.50 X 6.00	3.67	0.09	1.01	5.50
	316+59		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	316+64		12.250 RT	5.50 X 6.00	3.67	0.09	1.01	5.50
	316+65		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	6.00
	316+70		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	316+77		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	316+82		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	316+88		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
318+00	-	318+18	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
SUBTOTALS					360.00	12.21	134.28	961.75

PAVEMENT REPAIRS							
		204.0100		455.0605	465.0105	690.0250	
		PANEL	REMOVING	TACK	ASPHALTIC	SAWING	
		SIZE	PAVEMENT	COAT	SURFACE	CONCRETE	
		(W X L)					
STATION	TO	STATION	LOCATION	LF	SY	GAL	TON
	318+50		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	318+57		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	318+62		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	318+68		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	318+74		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	319+05		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	319+11		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	319+16		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	321+87		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
323+10	-	323+28	LT, RT	30.00 x 18.00	60.00	1.50	16.50
325+69	-	325+99	LT, RT	30.00 x 30.00	100.00	2.50	27.50
	328+55		2.375 LT	4.75 X 6.00	3.17	0.08	0.87
328+76	-	329+06	LT, RT	30.00 x 30.00	100.00	2.50	27.50
343+67	-	343+85	LT, RT	30.00 x 18.00	60.00	1.50	16.50
355+40	-	355+88	LT, RT	30.00 x 48.00	160.00	4.00	44.00
	360+04		2.375 RT	4.75 X 6.00	3.17	0.08	0.87
360+86	-	361+04	LT, RT	30.00 x 18.00	60.00	1.50	16.50
365+07	-	365+43	LT, RT	30.00 x 36.00	120.00	3.00	33.00
	367+03		2.375 RT	4.75 X 6.00	3.17	0.08	0.87
	367+03		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	367+09		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	367+09		2.375 RT	4.75 X 6.00	3.17	0.08	0.87
	367+81		2.375 LT	4.75 X 6.00	3.17	0.08	0.87
	367+87		2.375 LT	4.75 X 6.00	3.17	0.08	0.87
375+87	-	376+05	LT, RT	30.00 x 18.00	60.00	1.50	16.50
379+20	-	379+38	LT, RT	30.00 x 18.00	60.00	1.50	16.50
384+65	-	384+83	LT, RT	30.00 x 18.00	60.00	1.50	16.50
387+15	-	387+33	LT, RT	30.00 x 18.00	60.00	1.50	16.50
	388+10		12.250 LT	5.50 X 6.00	3.67	0.09	1.01
	388+10		7.125 LT	4.75 X 6.00	3.17	0.08	0.87
	388+16		7.125 LT	4.75 X 6.00	3.17	0.08	0.87
	388+16		12.250 LT	5.50 X 6.00	3.67	0.09	1.01
388+50	-	389+28	LT, RT	30.00 x 78.00	260.00	6.50	71.50
	391+14		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
393+82	-	394+12	LT, RT	30.00 x 30.00	100.00	2.50	27.50
	396+56		2.375 LT	4.75 X 6.00	3.17	0.08	0.87
	396+62		2.375 LT	4.75 X 6.00	3.17	0.08	0.87
	396+80		12.250 LT	5.50 X 6.00	3.67	0.09	1.01
	396+86		12.250 LT	5.50 X 6.00	3.67	0.09	1.01
	396+92		7.125 LT	4.75 X 6.00	3.17	0.08	0.87
	396+98		7.125 LT	4.75 X 6.00	3.17	0.08	0.87
397+74	-	397+92	LT, RT	30.00 x 18.00	60.00	1.50	16.50
	402+10		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	402+17		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
402+50	-	402+68	LT, RT	30.00 x 18.00	60.00	1.50	16.50
SUBTOTALS					1,380.00	36.93	406.20
							1,747.50

PAVEMENT REPAIRS							
		204.0100		455.0605	465.0105	690.0250	
		PANEL	REMOVING	TACK	ASPHALTIC	SAWING	
		SIZE	PAVEMENT	COAT	SURFACE	CONCRETE	
		(W X L)					
STATION	TO	STATION	LOCATION	LF	SY	GAL	TON
407+18	-	407+36	LT, RT	30.00 x 18.00	60.00	1.50	16.50
411+30	-	411+48	LT, RT	30.00 x 18.00	60.00	1.50	16.50
	412+08		2.375 LT	4.75 X 6.00	3.17	0.08	0.87
	412+15		2.375 LT	4.75 X 6.00	3.17	0.08	0.87
	412+97		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	413+03		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	413+09		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	413+15		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
414+55	-	418+03	LT, RT	VARIES x 348	1450.00	36.25	398.75
	420+02		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	420+07		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	421+87		7.125 LT	4.75 X 6.00	3.17	0.08	0.87
	421+93		7.125 LT	4.75 X 6.00	3.17	0.08	0.87
	422+83		2.375 LT	4.75 X 6.00	3.17	0.08	0.87
	422+89		2.375 LT	4.75 X 6.00	3.17	0.08	0.87
423+10	-	423+28	LT, RT	30.00 x 18.00	60.00	1.50	16.50
	426+49		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	426+55		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
427+54	-	427+72	LT, RT	30.00 x 18.00	60.00	1.50	16.50
	428+11		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	430+21		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	430+27		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
431+13	-	431+31	LT, RT	30.00 x 18.00	60.00	1.50	16.50
	434+04		2.375 LT	4.75 X 6.00	3.17	0.08	0.87
	434+09		2.375 LT	4.75 X 6.00	3.17	0.08	0.87
434+48	-	434+66	LT, RT	30.00 x 18.00	60.00	1.50	16.50
	438+79		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	438+85		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
440+81	-	440+99	LT, RT	30.00 x 18.00	60.00	1.50	16.50
449+21	-	449+45	LT, RT	30.00 x 24.00	80.00	2.00	22.00
	450+63		2.375 RT	4.75 X 6.00	3.17	0.08	0.87
	450+63		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	450+69		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	450+69		2.375 RT	4.75 X 6.00	3.17	0.08	0.87
	451+11		2.375 LT	4.75 X 6.00	3.17	0.08	0.87
457+85	-	458+03	LT, RT	30.00 x 18.00	60.00	1.50	16.50
	463+14		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	463+20		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	463+26		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	464+65		7.125 LT	4.75 X 6.00	3.17	0.08	0.87
	464+65		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	464+71		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
464+86	-	465+88	LT, RT	30.00 x 102.00	340.00	8.50	93.50
	469+18		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
	469+24		7.125 RT	4.75 X 6.00	3.17	0.08	0.87
SUBTOTALS					2,350.00	61.44	675.89
							1,823.50

ALL ITEMS AND QUANTITIES ON
THIS SHEET ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

PROJECT NO:1430-01-75

HWY: STH 82

COUNTY: ADAMS

MISCELLANEOUS QUANTITIES

SHEET:

E

PAVEMENT REPAIRS								
				204.0100	455.0605	465.0105	690.0250	
			PANEL SIZE (W X L)	REMOVING PAVEMENT	TACK COAT	ASPHALTIC SURFACE	SAWING CONCRETE	
STATION	TO	STATION	LOCATION	LF	SY	GAL	TON	LF
471+50	-	471+92	LT, RT	30.00 x 42.00	140.00	3.50	38.50	102.00
	476+17		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	476+22		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	476+89		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	476+95		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
479+82	-	480+90	LT, RT	30.00 x 108.00	360.00	9.00	99.00	168.00
482+61	-	482+79	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
484+47	-	484+65	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	485+24		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	485+92		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	485+98		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	486+04		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	486+10		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	486+16		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	486+29		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
487+19	-	487+37	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	490+35		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	21.50
	490+73		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	492+09		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
493+61	-	493+79	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	494+75		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	21.50
	496+12		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
503+07	-	503+25	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	505+14		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	505+20		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	505+39		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	505+94		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	506+00		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
507+36	-	507+54	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	509+18		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	509+25		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
510+08	-	510+26	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	512+84		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	512+90		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	513+77		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	15.50
	513+77		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	513+83		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
515+08	-	515+56	LT, RT	30.00 x 48.00	160.00	4.00	44.00	108.00
	517+12		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	517+17		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	518+56		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	518+62		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
519+87	-	520+11	LT, RT	30.00 x 24.00	80.00	2.00	22.00	84.00
	521+06		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	521+12		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
SUBTOTALS					1,160.00	31.69	348.64	1,589.25

ALL ITEMS AND QUANTITIES ON
THIS SHEET ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

PAVEMENT REPAIRS								
				204.0100	455.0605	465.0105	690.0250	
			PANEL SIZE (W X L)	REMOVING PAVEMENT	TACK COAT	ASPHALTIC SURFACE	SAWING CONCRETE	
STATION	TO	STATION	LOCATION	LF	SY	GAL	TON	LF
	521+18		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	521+24		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	521+30		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	521+55		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	521+55		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	521+60		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	6.00
	521+60		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	521+66		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	521+72		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	528+59		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	528+64		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
529+17	-	529+53	LT, RT	30.00 x 36.00	120.00	3.00	33.00	96.00
	531+19		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	531+19		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	531+25		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	531+25		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	532+15		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	532+21		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
532+61	-	532+97	LT, RT	30.00 x 36.00	120.00	3.00	33.00	96.00
540+29	-	540+65	LT, RT	30.00 x 36.00	120.00	3.00	33.00	96.00
	542+80		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	542+85		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
544+84	-	545+26	LT, RT	30.00 x 42.00	140.00	3.50	38.50	102.00
	546+76		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	546+81		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
551+38	-	551+56	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
554+18	-	554+36	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
556+76	-	556+94	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	558+39		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	559+86		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
562+05	-	562+23	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	562+62		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	21.50
	562+79		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
566+31	-	566+49	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	567+91		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	567+97		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	568+51		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	568+57		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
569+38	-	569+56	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
572+30	-	572+48	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	573+56		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	573+56		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	573+61		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	573+61		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
575+89	-	576+07	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
SUBTOTALS					980.00	27.12	298.27	1,518.75

PAVEMENT REPAIRS								
			204.0100		455.0605	465.0105	690.0250	
			PANEL	REMOVING	TACK	ASPHALTIC	SAWING	
			SIZE	PAVEMENT	COAT	SURFACE	CONCRETE	
			(W X L)					
STATION	TO	STATION	LOCATION	LF	SY	GAL	TON	LF
	577+37		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	577+43		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	578+77		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	578+83		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
579+21	-	579+39	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	580+36		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	580+42		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
582+24	-	582+42	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
585+81	-	585+99	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
590+43	-	590+61	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	590+87		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	591+72		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	591+78		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	591+84		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
593+26	-	593+44	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	595+37		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	595+43		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
597+56	-	597+74	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	599+55		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
601+82	-	602+00	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	602+84		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	602+85		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	602+90		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	602+90		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	603+41		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	603+46		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
605+66	-	606+38	LT, RT	30.00 x 72.00	240.00	6.00	66.00	132.00
	608+27		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	608+34		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	608+40		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	608+46		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	608+58		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	608+64		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	608+77		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	608+89		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	609+08		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	609+14		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	609+20		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	609+26		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	609+32		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	610+74		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
612+08	-	612+80	LT, RT	30.00 x 72.00	240.00	6.00	66.00	132.00
615+10	-	615+28	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	616+36		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
622+54	-	622+72	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
SUBTOTALS					1,020.00	28.19	310.14	1,521.00

ALL ITEMS AND QUANTITIES ON
THIS SHEET ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

PROJECT NO:1430-01-75

HWY: STH 82

COUNTY: ADAMS

MISCELLANEOUS QUANTITIES

SHEET:

E

PAVEMENT REPAIRS								
			204.0100		455.0605	465.0105	690.0250	
			PANEL	REMOVING	TACK	ASPHALTIC	SAWING	
			SIZE	PAVEMENT	COAT	SURFACE	CONCRETE	
			(W X L)					
STATION	TO	STATION	LOCATION	LF	SY	GAL	TON	LF
	624+36		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	624+41		2.375 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	626+21		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	626+27		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	626+33		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	627+94		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	627+99		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	628+05		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
628+68	-	629+34	LT, RT	30.00 x 66.00	220.00	5.50	60.50	126.00
	630+27		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	630+33		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	630+39		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	631+17		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	631+23		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	631+29		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	631+35		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	631+41		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	631+47		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	631+53		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
633+56	-	633+80	LT, RT	30.00 x 24.00	80.00	2.00	22.00	84.00
	634+43		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	634+67		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	634+73		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	634+79		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	634+85		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	635+02		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	635+09		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	635+33		2.375 LT	4.75 X 6.00	3.17	0.08	0.87	15.50
	635+33		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	15.50
636+31	-	636+55	LT, RT	30.00 x 24.00	80.00	2.00	22.00	84.00
647+37	-	647+55	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	648+01		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	648+07		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	648+43		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	648+49		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	649+28		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	649+46		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
649+49	-	650+21	LT, RT	30.00 x 72.00	240.00	6.00	66.00	132.00
	651+22		12.250 RT	5.50 X 6.00	3.67	0.09	1.01	5.50
	651+22		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	651+27		12.250 RT	5.50 X 6.00	3.67	0.09	1.01	5.50
	651+27		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	652+90		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	652+97		7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	653+45		7.125 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
SUBTOTALS					680.00	20.20	222.15	1,099.00

PAVEMENT REPAIRS							
		204.0100	455.0605	465.0105	690.0250		
		PANEL REMOVING	TACK	ASPHALTIC	SAWING		
		SIZE PAVEMENT	COAT	SURFACE	CONCRETE		
		(W X L)					
STATION	TO STATION	LOCATION	LF	SY	GAL	TON	LF
	653+51	2.375 LT	4.75 X 6.00	3.17	0.08	0.87	15.50
	653+51	7.125 LT	4.75 X 6.00	3.17	0.08	0.87	10.75
	654+30	12.250 LT	5.50 X 6.00	3.67	0.09	1.01	5.50
	654+36	12.250 LT	5.50 X 6.00	3.67	0.09	1.01	5.50
655+18	- 655+36	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	656+30	2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	656+35	2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	658+90	2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	658+95	2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
659+72	- 659+90	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
665+35	- 665+53	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
668+76	- 668+94	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	672+44	2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	672+50	2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	672+69	7.125 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	672+74	7.125 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
673+58	- 673+76	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	679+64	2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	679+70	2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	679+77	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	679+82	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	679+94	2.375 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
680+39	- 680+57	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
683+45	- 683+63	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
686+19	- 686+37	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	688+72	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	688+78	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
690+52	- 690+88	LT, RT	30.00 x 36.00	120.00	3.00	33.00	96.00
	693+23	2.375 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
693+87	- 694+05	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	696+70	2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	696+76	2.375 LT	4.75 X 6.00	3.17	0.08	0.87	16.75
	697+00	2.375 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	697+67	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
697+94	- 698+36	LT, RT	30.00 x 42.00	140.00	3.50	38.50	102.00
702+67	- 702+85	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	704+88	2.375 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
705+65	- 705+83	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
709+18	- 710+62	LT, RT	30.00 x 144.00	480.00	12.00	132.00	204.00
	711+82	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	711+88	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	711+93	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	712+00	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	712+18	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	712+30	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
SUBTOTALS				1,400.00	37.48	412.30	1,773.25

ALL ITEMS AND QUANTITIES ON
THIS SHEET ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

PROJECT NO:1430-01-75

HWY: STH 82

COUNTY: ADAMS

MISCELLANEOUS QUANTITIES

SHEET:

E

PAVEMENT REPAIRS							
		204.0100	455.0605	465.0105	690.0250		
		PANEL REMOVING	TACK	ASPHALTIC	SAWING		
		SIZE PAVEMENT	COAT	SURFACE	CONCRETE		
		(W X L)					
STATION	TO STATION	LOCATION	LF	SY	GAL	TON	LF
	712+66	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	713+57	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
714+88	- 715+54	LT, RT	30.00 x 66.00	220.00	5.50	60.50	126.00
717+06	- 717+60	LT, RT	30.00 x 54.00	180.00	4.50	49.50	114.00
718+77	- 719+79	LT, RT	30.00 x 102.00	340.00	8.50	93.50	162.00
	720+98	2.375 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	720+98	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	721+04	2.375 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
	721+04	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	10.75
722+53	- 722+83	LT, RT	30.00 x 30.00	100.00	2.50	27.50	90.00
	723+96	2.375 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	724+14	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	724+20	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	12.00
	724+25	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	724+44	2.375 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	727+33	2.375 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
727+79	- 727+97	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	729+82	2.375 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
730+92	- 731+10	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
	733+23	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	735+03	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	21.50
	735+64	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
	735+69	7.125 RT	4.75 X 6.00	3.17	0.08	0.87	16.75
736+03	- 736+21	LT, RT	30.00 x 18.00	60.00	1.50	16.50	78.00
SUBTOTALS				1,020.00	26.85	295.32	1,020.00
UNDISTRIBUTED				2,940.00	73.50	810.00	3,520.00
TOTALS				17,650.00	470.00	5,250.00	21,110.00

BASE AGGREGATE DENSE	
	305.0110
	3/4-INCH
LOCATION	TON
UNDISTRIBUTED FOR SHOULDERS ADJACENT TO PAVEMENT REPAIR	70
TOTAL	70

305.0500 SHAPING SHOULDERS

STATION TO	STATION	LOCATION	STA
108+00	- 109+00	RT & LT	2
114+00	- 115+00	RT & LT	2
118+00	- 120+00	RT & LT	4
122+00	- 123+00	RT & LT	2
126+00	- 128+00	RT & LT	4
129+00	- 131+00	RT & LT	4
132+00	- 133+00	RT & LT	2
136+00	- 137+00	RT & LT	2
141+00	- 143+00	RT & LT	4
145+00	- 146+00	RT & LT	2
148+00	- 149+00	RT & LT	2
152+00	- 153+00	RT & LT	2
154+00	- 156+00	RT & LT	4
163+00	- 166+00	RT & LT	6
170+00	- 171+00	RT & LT	2
173+00	- 174+00	RT & LT	2
178+00	- 179+00	RT & LT	2
179+00	- 181+00	RT & LT	4
184+00	- 185+00	RT & LT	2
186+00	- 188+00	RT & LT	4
190+00	- 192+00	RT & LT	4
234+00	- 236+00	RT & LT	4
253+00	- 254+00	RT & LT	2
255+00	- 256+00	RT & LT	2
261+00	- 262+00	RT & LT	2
273+00	- 274+00	RT & LT	2
276+00	- 278+00	RT & LT	4
279+00	- 280+00	RT & LT	2
281+00	- 282+00	RT & LT	2
285+00	- 286+00	RT & LT	2
292+00	- 293+00	RT & LT	2
296+00	- 297+00	RT & LT	2
297+00	- 299+00	RT & LT	4
301+00	- 302+00	RT & LT	2
304+00	- 305+00	RT & LT	2
307+00	- 308+00	RT & LT	2
310+00	- 311+00	RT & LT	2
314+00	- 315+00	RT & LT	2
318+00	- 319+00	RT & LT	2
323+00	- 324+00	RT & LT	2
325+00	- 326+00	RT & LT	2
328+00	- 330+00	RT & LT	4
343+00	- 344+00	RT & LT	2
355+00	- 356+00	RT & LT	2
360+00	- 362+00	RT & LT	4
SUBTOTAL			120

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

305.0500 SHAPING SHOULDERS

STATION TO	STATION	LOCATION	STA
365+00	- 366+00	RT & LT	2
375+00	- 377+00	RT & LT	4
379+00	- 380+00	RT & LT	2
384+00	- 385+00	RT & LT	2
387+00	- 388+00	RT & LT	2
388+00	- 390+00	RT & LT	4
393+00	- 395+00	RT & LT	4
396+00	- 398+00	RT & LT	4
402+00	- 403+00	RT & LT	2
407+00	- 408+00	RT & LT	2
411+00	- 412+00	RT & LT	2
414+00	- 419+00	RT & LT	10
423+00	- 424+00	RT & LT	2
427+00	- 428+00	RT & LT	2
431+00	- 432+00	RT & LT	2
434+00	- 435+00	RT & LT	2
440+00	- 441+00	RT & LT	2
449+00	- 450+00	RT & LT	2
457+00	- 459+00	RT & LT	4
464+00	- 466+00	RT & LT	4
471+00	- 472+00	RT & LT	2
479+00	- 481+00	RT & LT	4
482+00	- 483+00	RT & LT	2
484+00	- 485+00	RT & LT	2
487+00	- 488+00	RT & LT	2
493+00	- 494+00	RT & LT	2
503+00	- 504+00	RT & LT	2
507+00	- 508+00	RT & LT	2
510+00	- 511+00	RT & LT	2
515+00	- 516+00	RT & LT	2
519+00	- 521+00	RT & LT	4
529+00	- 530+00	RT & LT	2
532+00	- 533+00	RT & LT	2
540+00	- 541+00	RT & LT	2
544+00	- 546+00	RT & LT	4
551+00	- 552+00	RT & LT	2
554+00	- 555+00	RT & LT	2
556+00	- 557+00	RT & LT	2
562+00	- 563+00	RT & LT	2
566+00	- 567+00	RT & LT	2
569+00	- 570+00	RT & LT	2
572+00	- 573+00	RT & LT	2
575+00	- 577+00	RT & LT	4
579+00	- 580+00	RT & LT	2
582+00	- 583+00	RT & LT	2
SUBTOTAL			118

305.0500 SHAPING SHOULDERS

STATION TO	STATION	LOCATION	STA
585+00	- 586+00	RT & LT	2
590+00	- 591+00	RT & LT	2
593+00	- 594+00	RT & LT	2
597+00	- 598+00	RT & LT	2
601+00	- 602+00	RT & LT	2
605+00	- 607+00	RT & LT	4
612+00	- 613+00	RT & LT	2
615+00	- 616+00	RT & LT	2
622+00	- 623+00	RT & LT	2
628+00	- 630+00	RT & LT	4
633+00	- 634+00	RT & LT	2
636+00	- 637+00	RT & LT	2
647+00	- 648+00	RT & LT	2
649+00	- 651+00	RT & LT	4
655+00	- 656+00	RT & LT	2
659+00	- 660+00	RT & LT	2
665+00	- 666+00	RT & LT	2
668+00	- 669+00	RT & LT	2
673+00	- 674+00	RT & LT	2
680+00	- 681+00	RT & LT	2
683+00	- 684+00	RT & LT	2
686+00	- 687+00	RT & LT	2
690+00	- 691+00	RT & LT	2
693+00	- 695+00	RT & LT	4
697+00	- 699+00	RT & LT	4
702+00	- 703+00	RT & LT	2
705+00	- 706+00	RT & LT	2
709+00	- 711+00	RT & LT	4
714+00	- 716+00	RT & LT	4
717+00	- 718+00	RT & LT	2
718+00	- 720+00	RT & LT	4
722+00	- 723+00	RT & LT	2
727+00	- 728+00	RT & LT	2
730+00	- 732+00	RT & LT	4
736+00	- 737+00	RT & LT	2
SUBTOTAL			88
TOTAL			326

420.1000.S CONCRETE PAVEMENT CONTINUOUS DIAMOND GRINDING

STATION	TO	STATION	LOCATION	SY	COMMENT
207+50	-	287+50	C/L	26,665	MAINLINE
418+50	-	479+81	C/L	20,435	MAINLINE
627+00	-	633+50	C/L	2,165	MAINLINE
679+50	-	688+00	C/L	2,835	MAINLINE
SUBTOTAL				52,100	
UNDISTRIBUTED				10,420	
TOTAL				62,520	

465.0110 ASPHALTIC SURFACE PATCHING

LOCATION	TON	COMMENT
UNDISTRIBUTED	970	FOR DETERIORATED UNDERLYING ASPHALT REPAIR
TOTAL	970	

LANDMARK REFERENCE MONUMENT

621.0100 LANDMARK REFERENCE MONUMENT		
STATION	LOCATION	EACH
233+12.74	0.15' LT	1
259+27.81	0.65' LT	1
285+59.42	6.40' RT	1
441+01.10	3.86' LT	1
467+41.27	4.07' LT	1
493+64.73	12.10' LT	1
TOTAL		6

EROSION CONTROL ITEMS

				628.1905	628.1910	628.7015	628.7570	
				MOBILIZATIONS	MOBILIZATIONS	INLET	ROCK BAGS	
					EMERGENCY	PROTECTION		
						TYPE C		
STATION	TO	STATION	LOCATION	EACH	EACH	EACH	EACH	REMARKS
635+00	-	635+00	RT	-	-	-	3	FLUME
639+55	-	639+55	RT	-	-	-	3	FLUME
614+44	-	614+44	RT	-	-	1	-	INLET
PROJECT				3	3	-	-	
UNDISTRIBUTED				-	-	2	10	
TOTAL				3	3	3	16	

PERMANENT SIGNING SCHEDULE

					634.0616		637.2210	637.2230	638.2602	638.3000	
					POSTS WOOD		SIGNS TYPE II	SIGNS TYPE II	REMOVING	REMOVING	
					4X6-INCH		REFLECTIVE H	REFLECTIVE F	SIGNS	SMALL SIGN	
					SIZE		16-FT		TYPE II	SUPPORTS	
STATION	OFFSET	SIGN NO.	CODE NO.	DESCRIPTION	IN	X IN	EACH	SF	SF	EACH	EACH
		1.01	W8-8	ROUGH ROAD	36	x 36	-	-	-	1	1
		1.02	W57-51	NEXT 12 MILES	30	x 15	-	-	-	1	-
		1.03	D1-3	TRIPLE DESTINATION/ARROW- MAUSTON/ WIS DELLS/ ADAMS	-	x -	-	-	-	-	-
		1.04	R2-1	SPEED LIMIT 55 MPH	24	x 30	1	5.00	-	1	1
		1.05	W14-3	NO PASSING ZONE	48	x 36	-	-	6.00	-	-
		1.06	D1-1A	DESTINATION/DISTANCEOXFORD 13	-	x -	-	-	-	-	-
		1.07	W3-1	STOP AHEAD	36	x 36	1	-	9.00	1	1
		1.08	W3-1	STOP AHEAD	36	x 36	1	-	9.00	1	1
		1.09	J3-2	SOUTH 13 ADVANCE ARROW LEFT TURN/ NORTH 13 ADVANCE ARROW RIGHT TURN	48	x 57	2	19.00	-	1	2
		1.10	J1-1	JCT 13	24	x 39	1	6.50	-	2	1
		1.11	D1-1	DESTINATION/ARROW- 13TH DR	60	x 15	2	6.25	-	-	-
		1.12	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		1.13	D1-1	DESTINATION/ARROW- 13TH CT	60	x 15	2	6.25	-	-	-
		1.14	D1-1	DESTINATION/ARROW- 13TH DR	60	x 15	2	6.25	-	-	-
		1.15	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		1.16	D1-1	DESTINATION/ARROW- 13TH CT	60	x 15	2	6.25	-	-	-
		1.17	S3-1	SCHOOL BUS STOP AHEAD	36	x 36	-	-	-	-	-
		2.01	S3-1	SCHOOL BUS STOP AHEAD	36	x 36	-	-	-	-	-
		2.02	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1	1
		2.03	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1	1
		2.04	D1-61	ADVANCE CROSSROAD/ARROWS- 11TH AVE	48	x 24	2	8.00	-	-	-
		2.05	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1	1
		2.06	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		2.07	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		2.08	I55-56	ADOPT-A-HIGHWAY	30	x 36	1	7.50	-	1	1
		2.09	D1-61	ADVANCE CROSSROAD/ARROWS- 11TH AVE	48	x 24	2	8.00	-	-	-
		3.01	D1-61	ADVANCE CROSSROAD/ARROWS- 10TH AVE	54	x 24	2	9.00	-	-	-
		3.02	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		3.03	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		3.04	D1-61	ADVANCE CROSSROAD/ARROWS- 10TH AVE	54	x 24	2	9.00	-	-	-
		3.05	W11-3	DEER CROSSING SYMBOL	30	x 30	-	-	-	1	1
		3.06	W57-51	NEXT 3 MILES	30	x 15	-	-	-	1	-
		3.07	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1	1
		4.01	D1-61	ADVANCE CROSSROAD/ARROWS- 9TH AVE	48	x 24	2	8.00	-	-	-
		4.02	I55-56	ADOPT-A-HIGHWAY	30	x 36	-	7.50	-	1	-
		4.03	W14-3	NO PASSING ZONE	48	x 36	-	-	-	-	-
		4.04	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		4.05	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		4.06	D1-61	ADVANCE CROSSROAD/ARROWS- 9TH AVE	48	x 24	2	8.00	-	-	-
		4.07	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1	1
		5.01	D1-61	ADVANCE CROSSROAD/ARROWS- 8TH AVE	48	x 24	2	8.00	-	-	-
		5.02	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1	1
		5.03	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1	1
		5.04	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		5.05	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
SUBTOTALS							46	180.28	66.00	29	26

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

PROJECT NO:1430-01-75

HWY: STH 82

COUNTY: ADAMS

MISCELLANEOUS QUANTITIES

SHEET:

E

PERMANENT SIGNING SCHEDULE

					634.0616		637.2210	637.2230	638.2602	638.3000
					POSTS WOOD		SIGNS TYPE II	SIGNS TYPE II	REMOVING	REMOVING
					4X6-INCH		REFLECTIVE H	REFLECTIVE F	SIGNS	SMALL SIGN
					SIZE	16-FT			TYPE II	SUPPORTS
STATION	OFFSET	SIGN NO.	CODE NO.	DESCRIPTION	IN X IN	EACH	SF	SF	EACH	EACH
		5.06	D1-61	ADVANCE CROSSROAD/ARROWS- 8TH AVE	48 x 24	2	8.00	-	-	-
		5.07	W14-3	NO PASSING ZONE	48 x 36	1	-	6.00	1	1
		5.08	J1-1	JCT COUNTY B	24 x 39	1	6.50	-	2	1
		6.01	W8-8	ROUGH ROAD	36 x 36	-	-	-	1	1
		6.02	W57-51	NEXT 6 MILES	30 x 15	-	-	-	1	-
		6.03	J4-1	WEST, 82	24 x 36	1	6.00	-	2	1
		6.04	J13-1	COUNTY B, DIRECTIONAL ARROWS LEFT - RIGHT	24 x 45	1	7.50	-	2	1
		6.05	J13-1	82, DIRECTIONAL ARROWS LEFT - RIGHT	24 x 45	1	7.50	-	2	1
		6.06	R1-1	STOP SIGN	30 x 30	1	5.18	-	1	1
		6.07	R1-1	STOP SIGN	36 x 36	1	7.46	-	1	1
		6.08	J13-1	82, DIRECTIONAL ARROWS LEFT - RIGHT	24 x 45	1	7.50	-	2	1
		6.09	J13-1	COUNTY B, DIRECTIONAL ARROWS LEFT - RIGHT	24 x 45	1	7.50	-	2	1
		6.10	-	TOWN OF JACKSON IS ZONED PERMITS REQUIRED	- x -	-	-	-	-	-
		6.11	J4-1	EAST, 82	24 x 36	1	6.00	-	2	1
		6.12	W14-3	NO PASSING ZONE	48 x 36	1	-	6.00	1	1
		6.13	I55-56	ADOPT-A-HIGHWAY	30 x 36	1	7.50	-	1	1
		6.14	W11-3	DEER CROSSING SYMBOL	30 x 30	-	-	-	1	-
		6.15	W57-51	NEXT 3 MILES	30 x 15	-	-	-	1	-
		6.16	W8-8	ROUGH ROAD	36 x 36	-	-	-	1	1
		6.17	W57-51	NEXT 6 MILES	30 x 15	-	-	-	1	-
		6.18	J1-1	JCT COUNTY B	24 x 39	1	6.50	-	1	1
		6.19	W14-3	NO PASSING ZONE	48 x 36	1	-	6.00	1	1
		7.01	W14-3	NO PASSING ZONE	48 x 36	1	-	6.00	1	1
		7.02	D1-61	ADVANCE CROSSROAD/ARROWS- 5TH LN	42 x 24	2	7.00	-	-	-
		7.03	W3-1	STOP AHEAD	36 x 36	1	-	9.00	-	-
		7.04	R1-1	STOP SIGN	30 x 30	1	5.18	-	1	1
		7.05	R1-1	STOP SIGN	36 x 36	1	7.45	-	1	1
		7.06	D1-61	ADVANCE CROSSROAD/ARROWS- 5TH LN	42 x 24	2	7.00	-	-	-
		7.07	W14-3	NO PASSING ZONE	48 x 36	1	-	6.00	1	1
		7.08	D1-61	ADVANCE CROSSROAD/ARROWS- 5TH CT	42 x 24	2	7.00	-	-	-
		7.09	R1-1	STOP SIGN	30 x 30	1	5.18	-	1	1
		7.10	W14-3	NO PASSING ZONE	48 x 36	1	-	6.00	1	1
		7.11	R1-1	STOP SIGN	30 x 30	1	5.18	-	1	1
		7.12	W11-5	FARM MACHINERY SYMBOL	30 x 30	1	-	6.25	1	1
		7.13	D1-61	ADVANCE CROSSROAD/ARROWS- 5TH CT	42 x 24	2	7.00	-	-	-
		7.14	W11-3	DEER CROSSING SYMBOL	30 x 30	-	-	-	1	-
		7.15	W57-51	NEXT 1 MILE	30 x 15	-	-	-	1	-
		7.16	W14-3	NO PASSING ZONE	48 x 36	1	-	6.00	1	1
		8.01	W14-3	NO PASSING ZONE	48 x 36	1	-	6.00	1	1
		8.02	W14-3	NO PASSING ZONE	48 x 36	1	-	6.00	1	1
		8.03	J1-1	JCT, COUNTY G	24 x 39	1	6.50	-	2	1
		8.04	W14-3	NO PASSING ZONE	48 x 36	-	-	6.00	1	-
		8.05	D1-1	DESTINATION/ARROW- 4TH AVE	60 x 15	2	6.25	-	-	-
		8.06	W8-8	ROUGH ROAD	36 x 36	-	-	-	1	1
		8.07	W57-51	NEXT 9 MILES	30 x 15	-	-	-	1	-
SUBTOTALS						39	146.86	75.25	45	29

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

PROJECT NO:1430-01-75

HWY: STH 82

COUNTY: ADAMS

MISCELLANEOUS QUANTITIES

SHEET:

E

PERMANENT SIGNING SCHEDULE

					634.0616		637.2210	637.2230	638.2602	638.3000	
					POSTS WOOD		SIGNS TYPE II	SIGNS TYPE II	REMOVING	REMOVING	
					4X6-INCH		REFLECTIVE H	REFLECTIVE F	SIGNS	SMALL SIGN	
					SIZE		16-FT		TYPE II	SUPPORTS	
STATION	OFFSET	SIGN NO.	CODE NO.	DESCRIPTION	IN	X IN	EACH	SF	SF	EACH	EACH
		8.08	J13-1	COUNTY G, DIRECTIONAL ARROWS UA/RA	24	x 45	1	7.50	-	2	1
		8.09	W14-3	NO PASSING ZONE	48	x 36	-	-	6.00	1	-
		8.10	J4-1	WEST, 82	24	x 36	1	6.00	-	2	1
		8.11	I55-56	ADOPT-A-HIGHWAY	30	x 36	1	7.50	-	1	1
		8.12	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		8.13	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		8.14	J13-2	82, DIRECTIONAL ARROWS LEFT - RIGHT, COUNTY G, ARROW - RIGHT	48	x 45	1	15.00	-	4	1
		8.15	J13-1	COUNTY G, ARROW - LEFT	24	x 45	1	7.50	-	2	1
		8.16	J4-1	EAST, 82	24	x 36	1	6.00	-	2	1
		8.17	W8-8	ROUGH ROAD	36	x 36	-	-	-	1	1
		8.18	W57-51	NEXT 3 MILES	30	x 15	-	-	-	1	-
		8.19	D1-1	DESTINATION/ARROW- 4TH AVE	60	x 15	2	6.25	-	-	-
		8.20	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1	1
		8.21	J13-1	COUNTY G, ADVANCE ARROW LEFT TURN	24	x 45	1	7.50	-	2	1
		8.22	W1-2L	LEFT CURVE	30	x 30	-	-	-	-	-
		8.23	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1	1
		8.24	D1-2	TWO DESTINATION/ARROW- 3RD DR, FOX AVE	60	x 30	2	12.50	-	-	-
		8.25	W1-2L	LEFT CURVE	30	x 30	1	-	6.25	-	-
		9.01	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		9.02	W1-6	NIGHT ARROW (SINGLE)	48	x 24	1	-	8.00	-	-
		9.03	R5-1	DO NOT ENTER	30	x 30	1	6.25	-	1	1
		9.04	M1-6	82	24	x 24	-	4.00	-	1	-
		9.05	W1-6	NIGHT ARROW (SINGLE)	48	x 24	-	-	-	-	-
		9.06	W1-6	NIGHT ARROW (SINGLE)	48	x 24	1	-	8.00	-	-
		9.07	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		9.08	R1-52R	TRAFFIC FROM RIGHT DOES NOT STOP	42	x 15	-	4.38	-	1	-
		9.09	R6-2L	ONE WAY LEFT ARROW	24	x 30	1	5.00	-	1	1
		9.10	R1-1	STOP SIGN	30	x 30	1	5.18	-	1	1
		9.11	D5-5B	ROADSIDE TABLE SYMBOL 1/2 MILE	24	x 36	-	-	-	-	-
		9.12	R55-58A	CLOSED PANEL	44	x 8	-	-	-	-	-
		9.13	D1-2	TWO DESTINATION/ARROW- FOX AVE, 3RD DR	66	x 30	2	13.75	-	-	-
		9.14	W2-2	SIDE ROAD (90 DEGREES)	30	x 30	1	-	6.25	1	1
		9.15	J2-1	COUNTY G, ADVANCED ARROW LEFT TURN	24	x 45	1	7.50	-	2	1
		9.16	D1-3	TWO DESTINATIONS (ARROWS)- FEDERAL CORRECTIONAL INSTITUTION/ BROOKS	120	x 36	2	30.00	-	1	3
		9.17	D1-1	DESTINATION/ARROW- 3RD AVE	60	x 15	2	6.25	-	-	-
		9.18	J4-1	WEST, 82	24	x 36	1	6.00	-	2	1
		9.19	J13-1	COUNTY G, ARROW - LEFT	24	x 45	1	7.50	-	2	1
		9.20	J13-2	82, DIRECTIONAL ARROWS LEFT - RIGHT, COUNTY G, ARROW - RIGHT	48	x 45	1	15.00	-	1	1
		9.21	R1-1	STOP SIGN	30	x 30	-	-	-	-	-
		9.22	R1-1	STOP SIGN	30	x 30	-	-	-	-	-
		9.23	J13-1	COUNTY G, DIRECTIONAL ARROWS UA/RA	24	x 45	1	7.50	-	2	1
		9.24	J4-1	EAST, 82	24	x 36	1	6.00	-	2	1
		9.25	D1-3	TWO DESTINATIONS (ARROWS)-FEDERAL CORRECTIONAL INSTITUTION/BROOKS	-	x -	-	-	-	-	-
		9.26	D1-1	DESTINATION/ARROW- 3RD AVE	60	x 15	2	6.25	-	-	-
		9.27	D5-5A	ROADSIDE TABLE SYMBOL WITH RIGHT ARROW	24	x 30	-	-	-	-	-
SUBTOTALS							38	227.02	46.5	42	27

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

PERMANENT SIGNING SCHEDULE

					634.0616		637.2210	637.2230	638.2602	638.3000
					POSTS		WOOD	SIGNS TYPE II	SIGNS TYPE II	REMOVING
					4X6-INCH		REFLECTIVE H	REFLECTIVE F	SIGNS	SMALL SIGN
					SIZE		16-FT		TYPE II	SUPPORTS
STATION	OFFSET	SIGN NO.	CODE NO.	DESCRIPTION	IN	X IN	EACH	SF	SF	EACH
		9.28	R55-58A	CLOSED PANEL	44	x 8	-	-	-	-
		9.29	J1-1	JCT, COUNTY G	24	x 39	1	6.50	-	2
		9.30	D5-5A	ROADSIDE TABLE SYMBOL WITH LEFT ARROW	24	x 30	1	5.00	-	1
		9.31	R55-58A	CLOSED PANEL	44	x 8	-	2.44	-	1
		10.01	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1
		10.02	D5-5B	ROADSIDE TABLE SYMBOL 1/2 MILE	24	x 36	-	6.00	-	1
		10.03	R55-58A	CLOSED PANEL	44	x 8	-	2.44	-	1
		10.04	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1
		10.05	W2-1	CROSS ROAD	30	x 30	1	-	6.25	1
		10.06	D1-61	ADVANCE CROSSROAD/ARROWS- 2ND AVE	48	x 24	2	8.00	-	-
		10.07	I55-56	ADOPT-A-HIGHWAY	30	x 36	1	7.50	-	1
		10.08	R1-1	STOP SIGN	30	x 30	1	5.18	-	1
		10.09	R1-1	STOP SIGN	30	x 30	1	5.18	-	1
		10.10	D1-61	ADVANCE CROSSROAD/ARROWS- 2ND AVE	48	x 24	2	8.00	-	-
		10.11	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1
		10.12	W1-2L	LEFT CURVE	30	x 30	-	-	-	-
		10.13	W14-3	NO PASSING ZONE	48	x 36	-	-	6.00	1
		10.14	D1-1	DESTINATION/ARROW- 1ST DR	54	x 15	2	5.63	-	-
		10.15	D1-1	ONE DESTINATION (ARROW)- CROOKED LAKE	-	x -	-	-	-	1
		10.16	R1-1	STOP SIGN	30	x 30	-	-	-	-
		10.17	W1-2R	RIGHT CURVE	30	x 30	-	-	-	-
		11.01	D1-1	ONE DESTINATION (ARROW)- CROOKED LAKE	-	x -	-	-	-	1
		11.02	D1-1	DESTINATION/ARROW- 1ST DR	54	x 15	2	5.63	-	-
		11.03	W1-2R	RIGHT CURVE	30	x 30	-	-	-	-
		11.04	-	TOWN OF JACKSON IS ZONED PERMITS REQUIRED	-	x -	-	-	-	-
		11.05	-	ADAMS COUNTY CRIME STOPPERS	-	x -	-	-	-	-
		11.06	W8-8	ROUGH ROAD	36	x 36	-	-	-	1
		11.07	W57-51	NEXT 12 MILES	30	x 15	-	-	-	1
		11.08	J1-1	JCT, COUNTY EE	24	x 39	1	6.5	-	2
		11.09	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1
		11.10	W14-3	NO PASSING ZONE	48	x 36	1	-	6.00	1
		11.11	I2-2	COUNTY LINE NAME- MARQUETTE CO	72	x 15	2	7.50	-	1
		11.12	I2-2	COUNTY LINE NAME- ADAMS CO	60	x 15	2	6.25	-	1
SUBTOTALS							24	87.75	42.25	24
TOTALS							147	641.90	230.00	140
										103

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

642.5001 FIELD OFFICE TYPE B

LOCATION	EACH
1430-01-75	1
TOTAL	1

TRAFFIC CONTROL (ADVANCE SIGNING)

				643.0900*	643.105	REMARKS
				TRAFFIC CONTROL SIGNS	TRAFFIC CONTROL SIGNS PCMS	
CODE NO.	DESCRIPTION	NUMBER OF SIGNS	TIME IN USE DAYS	DAYS	DAYS	
-	PORTABLE CHANGEABLE MESSAGE SIGN	1	75	-	89	SITE NO. 1 (EB)
-	PORTABLE CHANGEABLE MESSAGE SIGN	1	75	-	89	SITE NO. 2 (WB)
M3-4	WEST CARDINAL ROUTE MARKER	2	69	138	-	FOR USE DURING WIDTH RESTRICTION ONLY
M3-2	EAST CARDINAL ROUTE MARKER	2	69	138	-	FOR USE DURING WIDTH RESTRICTION ONLY
M3-2	EAST CARDINAL ROUTE MARKER	2	75	150	-	FOR USE THROUGHOUT CONSTRUCTION
M1-6	STATE ROUTE MARKER - 82	12	69	828	-	FOR USE DURING WIDTH RESTRICTION ONLY
M1-6	STATE ROUTE MARKER - 82	3	75	225	-	FOR USE THROUGHOUT CONSTRUCTION
W12-52	MAX WIDTH __ FT - MAX WIDTH 11'	12	69	828	-	FOR USE DURING WIDTH RESTRICTION ONLY
W057-52	6 MILES AHEAD	2	69	138	-	FOR USE DURING WIDTH RESTRICTION ONLY
W57-51	NEXT 12 MILES	4	69	276	-	FOR USE DURING WIDTH RESTRICTION ONLY
W57-51	NEXT 12 MILES	4	75	300	-	FOR USE THROUGHOUT CONSTRUCTION
W20-1	ROAD WORK AHEAD	24	75	1,800	-	FOR USE THROUGHOUT CONSTRUCTION
W20-1	ROAD WORK AHEAD	6	75	450	-	FOR USE AT WORK ZONES
W20-4	ONE LANE ROAD AHEAD	6	75	450	-	FOR USE AT WORK ZONES
W20-7a	FLAGGER	6	75	450	-	FOR USE AT WORK ZONES
W3-4	BE PREPARED TO STOP	6	75	450	-	FOR USE AT WORK ZONES
R11-2(MOD)	LANE CLOSED	6	75	450	-	FOR USE AT WORK ZONES
SUBTOTAL				7,071	178	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRAFFIC CONTROL

643.0100.01		643.0300			643.0420		643.0900*		
(PROJECT)		DRUMS			BARRICADES TYPE III		SIGNS		
LOCATION	EACH	NUMBER OF DRUMS	TIME IN USE (DAYS)	DAYS	NUMBER OF BARRICADES	TIME IN USE (DAYS)	DAYS	NUMBER OF SIGNS	TIME IN USE (DAYS)
WORK ZONES	1	180	75	13500	6	75	450	30	75
TOTAL	1			13500			450		2,250

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

PAVEMENT MARKING						
646.0106			646.0126			
EPOXY 4-INCH			EPOXY 8-INCH			
(YELLOW CENTER LINE)			(WHITE EDGE LINE)		(WHITE CHANNELIZING)	
STATION TO	STATION	LOCATION	LF	LF	LF	COMMENT
103+20	- 105+73	C/L	505	-	-	SOLID C/L (EB & WB)
100+00	- 140+41	RT	-	4,040	-	EDGE LINE
100+00	- 126+85	LT	-	2,685	-	EDGE LINE
105+73	- 115+94	LT	1,020	-	-	SOLID C/L WB
105+73	- 115+94	RT	255	-	-	DASHED C/L EB
115+94	- 171+45	C/L	11,100	-	-	SOLID C/L (EB & WB)
127+57	- 206+61	LT	-	7,905	-	EDGE LINE
141+28	- 206+61	RT	-	6,535	-	EDGE LINE
171+45	- 179+48	LT	805	-	-	SOLID C/L WB
171+45	- 179+48	RT	200	-	-	DASHED C/L EB
179+48	- 182+26	C/L	555	-	-	SOLID C/L (EB & WB)
182+26	- 189+29	LT	175	-	-	DASHED C/L WB
182+26	- 189+29	RT	705	-	-	SOLID C/L EB
189+29	- 189+62	C/L	65	-	-	SOLID C/L (EB & WB)
189+62	- 200+64	LT	1,100	-	-	SOLID C/L WB
189+62	- 200+64	RT	275	-	-	DASHED C/L EB
200+64	- 277+37	C/L	1,920	-	-	DASHED C/L (EB & WB)
207+20	- 258+94	RT	-	5,175	-	EDGE LINE
207+20	- 258+94	LT	-	5,175	-	EDGE LINE
259+45	- 311+66	RT	-	5,220	-	EDGE LINE
259+45	- 311+66	LT	-	5,220	-	EDGE LINE
277+37	- 288+24	LT	270	-	-	DASHED C/L WB
277+37	- 288+24	RT	1,085	-	-	SOLID C/L EB
288+24	- 299+33	C/L	2,220	-	-	SOLID C/L (EB & WB)
299+33	- 310+40	LT	1,105	-	-	SOLID C/L WB
299+33	- 310+40	RT	275	-	-	DASHED C/L EB
310+40	- 341+19	C/L	770	-	-	DASHED C/L (EB & WB)
312+14	- 364+29	RT	-	5,215	-	EDGE LINE
312+14	- 364+29	LT	-	5,215	-	EDGE LINE
341+19	- 349+13	LT	200	-	-	DASHED C/L WB
341+19	- 349+13	RT	795	-	-	SOLID C/L EB
349+13	- 351+27	C/L	55	-	-	DASHED C/L (EB & WB)
351+27	- 359+94	LT	865	-	-	SOLID C/L WB
351+27	- 359+94	RT	215	-	-	DASHED C/L EB
359+94	- 363+62	C/L	90	-	-	DASHED C/L (EB & WB)
363+62	- 371+06	LT	185	-	-	DASHED C/L WB
363+62	- 371+06	RT	745	-	-	SOLID C/L EB
365+02	- 417+77	RT	-	5,275	-	EDGE LINE
365+02	- 418+08	LT	-	5,305	-	EDGE LINE
371+06	- 373+73	C/L	65	-	-	DASHED C/L (EB & WB)
373+73	- 381+52	LT	780	-	-	SOLID C/L WB
373+73	- 381+52	RT	195	-	-	DASHED C/L EB
381+52	- 421+71	C/L	1,005	-	-	DASHED C/L (EB & WB)
415+80	- 418+07	RT	-	-	225	CHANNELIZING
419+02	- 421+31	LT	-	-	230	CHANNELIZING
SUBTOTALS			29,600	62,965	455	

PAVEMENT MARKING						
646.0106			646.0126			
EPOXY 4-INCH			EPOXY 8-INCH			
(YELLOW CENTER LINE)			(WHITE EDGE LINE)		(WHITE CHANNELIZING)	
STATION TO	STATION	LOCATION	LF	LF	LF	COMMENT
419+08	- 479+95	RT	-	6,085	-	EDGE LINE
419+32	- 480+10	LT	-	6,080	-	EDGE LINE
421+71	- 430+72	LT	225	-	-	DASHED C/L WB
421+71	- 430+72	RT	900	-	-	SOLID C/L EB
430+72	- 432+22	C/L	40	-	-	DASHED C/L (EB & WB)
432+22	- 441+18	LT	895	-	-	SOLID C/L WB
432+22	- 441+18	RT	225	-	-	DASHED C/L EB
441+18	- 472+54	C/L	785	-	-	DASHED C/L (EB & WB)
472+54	- 480+30	LT	195	-	-	DASHED C/L WB
472+54	- 480+30	RT	775	-	-	SOLID C/L EB
480+30	- 481+04	C/L	150	-	-	SOLID C/L (EB & WB)
480+97	- 506+42	RT	-	2,545	-	EDGE LINE
481+02	- 503+29	LT	-	2,225	-	EDGE LINE
481+04	- 489+66	LT	860	-	-	SOLID C/L WB
481+04	- 489+66	RT	215	-	-	DASHED C/L EB
489+66	- 505+12	C/L	385	-	-	DASHED C/L (EB & WB)
504+41	- 571+80	LT	-	6,740	-	EDGE LINE
505+12	- 515+18	LT	250	-	-	DASHED C/L WB
505+12	- 515+18	RT	1,005	-	-	SOLID C/L EB
507+03	- 571+45	RT	-	6,440	-	EDGE LINE
515+18	- 519+81	C/L	925	-	-	SOLID C/L (EB & WB)
519+81	- 531+15	LT	1,135	-	-	SOLID C/L WB
519+81	- 531+15	RT	285	-	-	DASHED C/L EB
531+15	- 540+80	C/L	240	-	-	DASHED C/L (EB & WB)
540+80	- 551+52	LT	270	-	-	DASHED C/L WB
540+80	- 551+52	RT	1,070	-	-	SOLID C/L EB
551+52	- 551+97	LT	45	-	-	SOLID C/L WB
551+52	- 551+97	RT	10	-	-	DASHED C/L EB
551+97	- 570+34	LT	460	-	-	DASHED C/L WB
551+97	- 570+34	RT	1,835	-	-	SOLID C/L EB
569+44	- 571+76	RT	-	-	230	CHANNELIZING
570+34	- 571+85	C/L	40	-	-	DASHED C/L (EB & WB)
571+85	- 583+02	LT	1,115	-	-	SOLID C/L WB
571+85	- 583+02	RT	280	-	-	DASHED C/L EB
572+50	- 599+64	LT	-	2,715	-	EDGE LINE
572+71	- 602+19	RT	-	2,950	-	EDGE LINE
583+02	- 589+98	C/L	175	-	-	DASHED C/L (EB & WB)
589+98	- 599+57	LT	240	-	-	DASHED C/L WB
589+98	- 599+57	RT	960	-	-	SOLID C/L EB
599+57	- 656+32	C/L	2,840	-	-	SOLID C/L (EB & WB)
600+57	- 626+37	LT	-	2,580	-	EDGE LINE
602+19	- 603+18	RT	-	25	-	DASHED EDGE LINE
603+18	- 605+20	RT	-	200	-	EDGE LINE
605+71	- 626+40	RT	-	2,070	-	EDGE LINE
627+58	- 629+77	LT	-	-	220	CHANNELIZING
SUBTOTALS			18,830	40,655	450	

ALL ITEMS AND QUANTITIES ON
THIS SHEET ARE CATEGORY 0010
UNLESS OTHERWISE NOTED

PROJECT NO:1430-01-75	HWY: STH 82	COUNTY: ADAMS	MISCELLANEOUS QUANTITIES	SHEET:	E
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PAVEMENT MARKING

646.0106				646.0126			
EPOXY 4-INCH				EPOXY 8-INCH			
(YELLOW CENTER LINE) (WHITE EDGE LINE)				(WHITE CHANNELIZING)			
STATION	TO	STATION	LOCATION	LF	LF	LF	COMMENT
627+78	-	680+58	LT	-	5,280	-	EDGE LINE
627+79	-	645+29	RT	-	1,750	-	EDGE LINE
646+04	-	680+58	RT	-	3,455	-	EDGE LINE
656+32	-	665+86	LT	955	-	-	SOLID C/L WB
656+32	-	665+86	RT	240	-	-	DASHED C/L EB
665+86	-	675+62	C/L	490	-	-	SOLID C/L (EB & WB)
675+62	-	689+03	LT	1,340	-	-	SOLID C/L WB
675+62	-	689+03	RT	335	-	-	DASHED C/L EB
681+14	-	737+73	LT	-	5,660	-	EDGE LINE
681+14	-	706+26	RT	-	2,510	-	EDGE LINE
689+03	-	699+67	LT	265	-	-	DASHED C/L WB
689+03	-	699+67	RT	1,065	-	-	SOLID C/L EB
699+67	-	728+52	C/L	1,445	-	-	SOLID C/L (EB & WB)
706+96	-	737+73	RT	-	3,075	-	EDGE LINE
728+52	-	737+73	LT	230	-	-	SOLID C/L WB
728+52	-	737+73	RT	60	-	-	DASHED C/L EB
SUBTOTALS				6,425	21,730	0	
TOTALS				180,205		905	

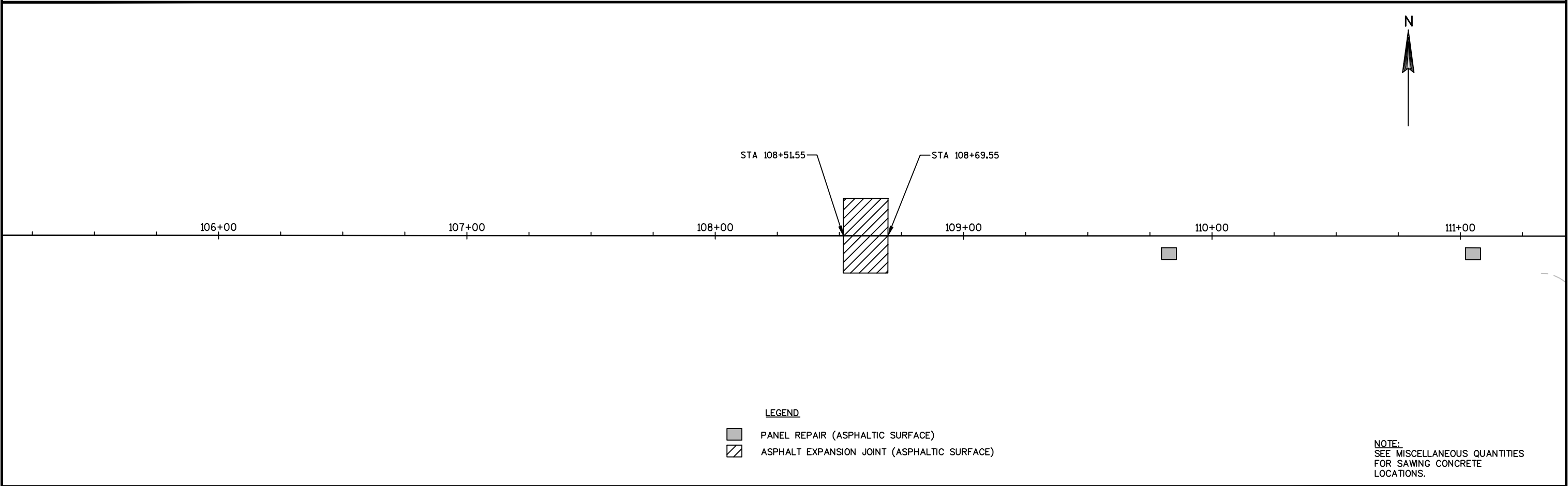
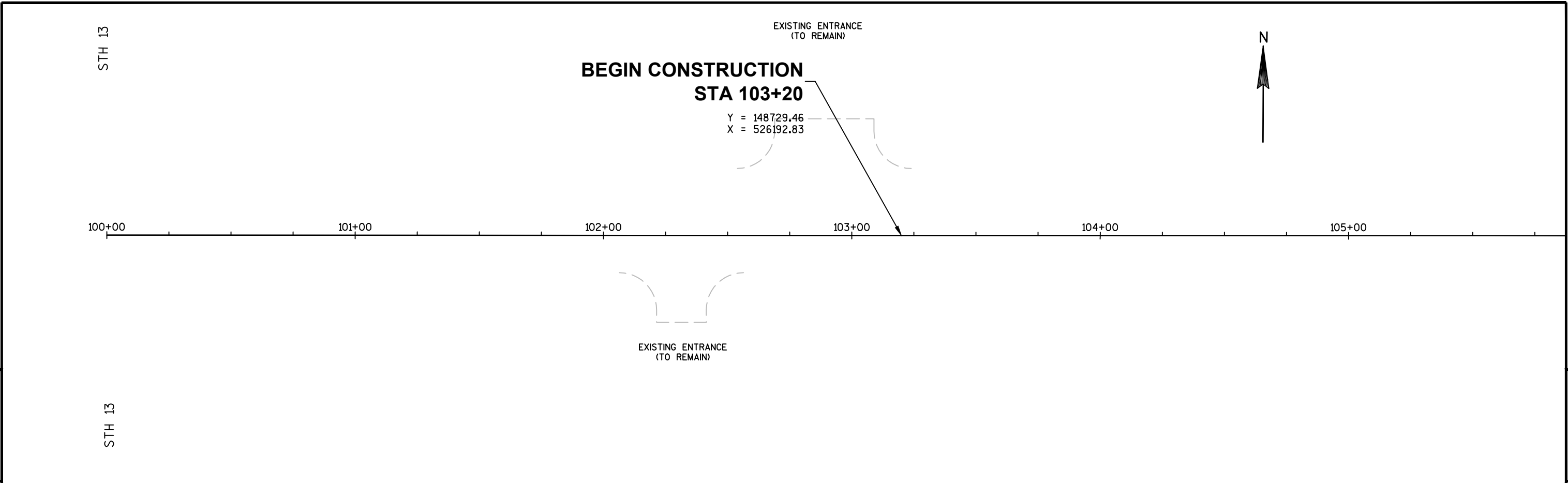
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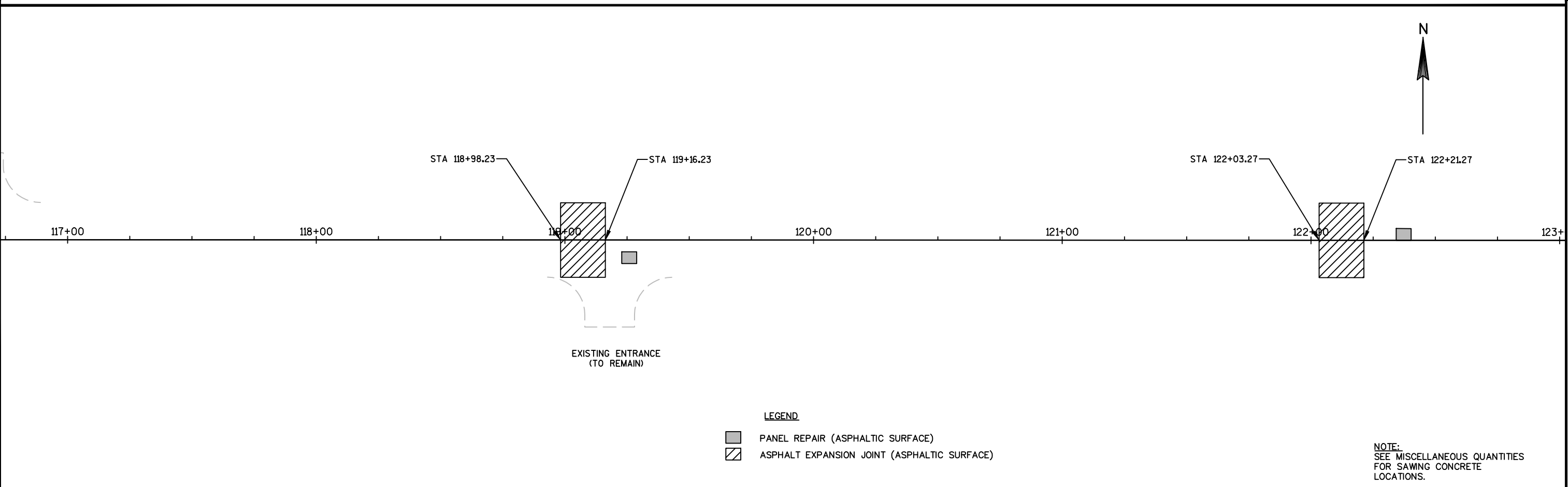
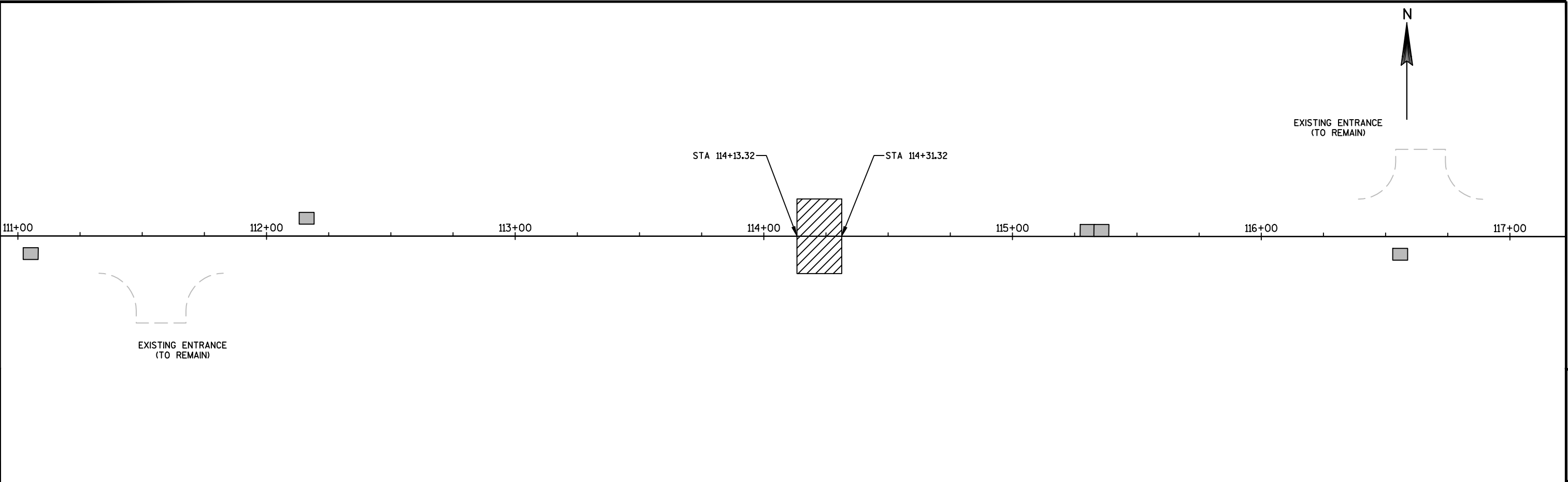
649.0100					
4-INCH					
STATION	TO	STATION	LOCATION	LF	COMMENT
154+46	-	155+66	C/L	30	DASHED C/L
163+65	-	165+75	C/L	55	DASHED C/L
414+55	-	418+03	C/L	85	DASHED C/L
464+86	-	465+88	C/L	25	DASHED C/L
479+82	-	480+90	C/L	25	DASHED C/L
605+66	-	606+38	C/L	20	DASHED C/L
709+18	-	710+62	C/L	35	DASHED C/L
718+77	-	719+79	C/L	25	DASHED C/L
SUBTOTALS				300	
UNDISTRIBUTED				60	
TOTALS				360	

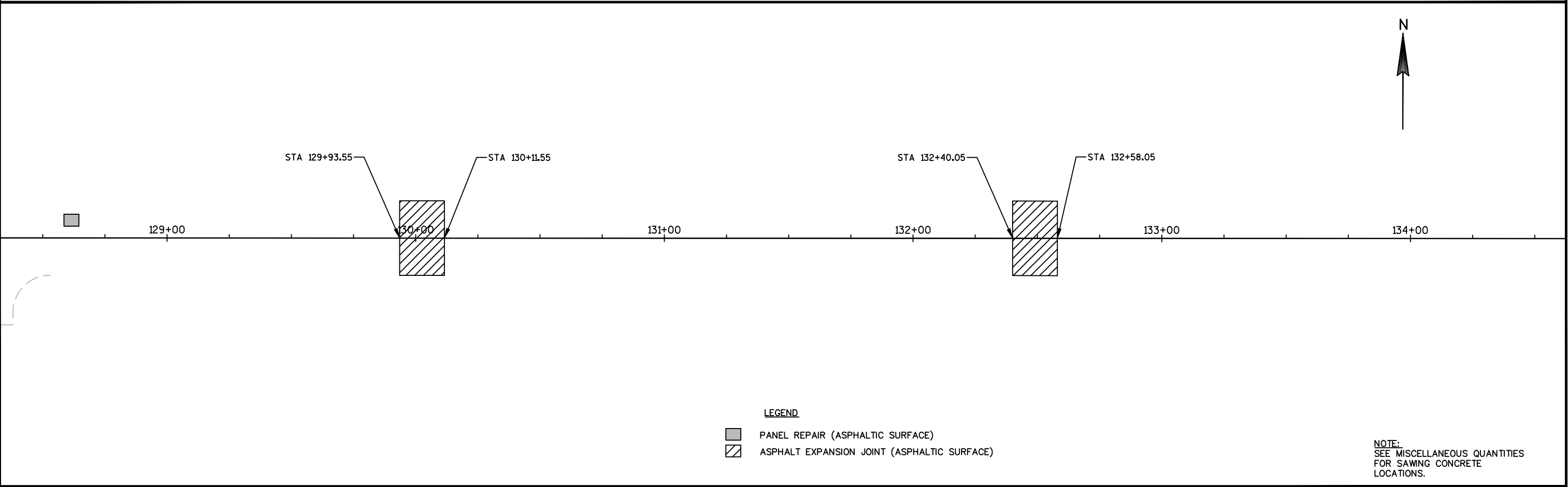
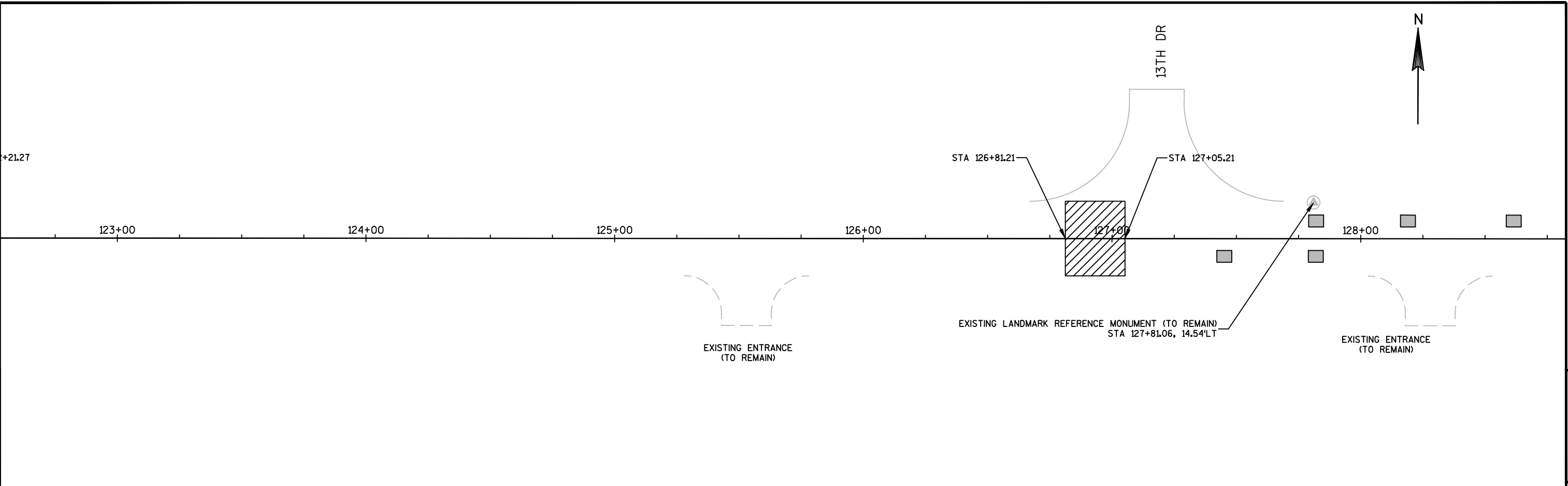
CONSTRUCTION STAKING

650.8000				
RESURFACING				
REFERENCE				
STATION	TO	STATION	LOCATION	LF
103+20	-	737+73	LT, RT	63,453
TOTAL				63,453

ALL ITEMS AND QUANTITIES ON THIS SHEET ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

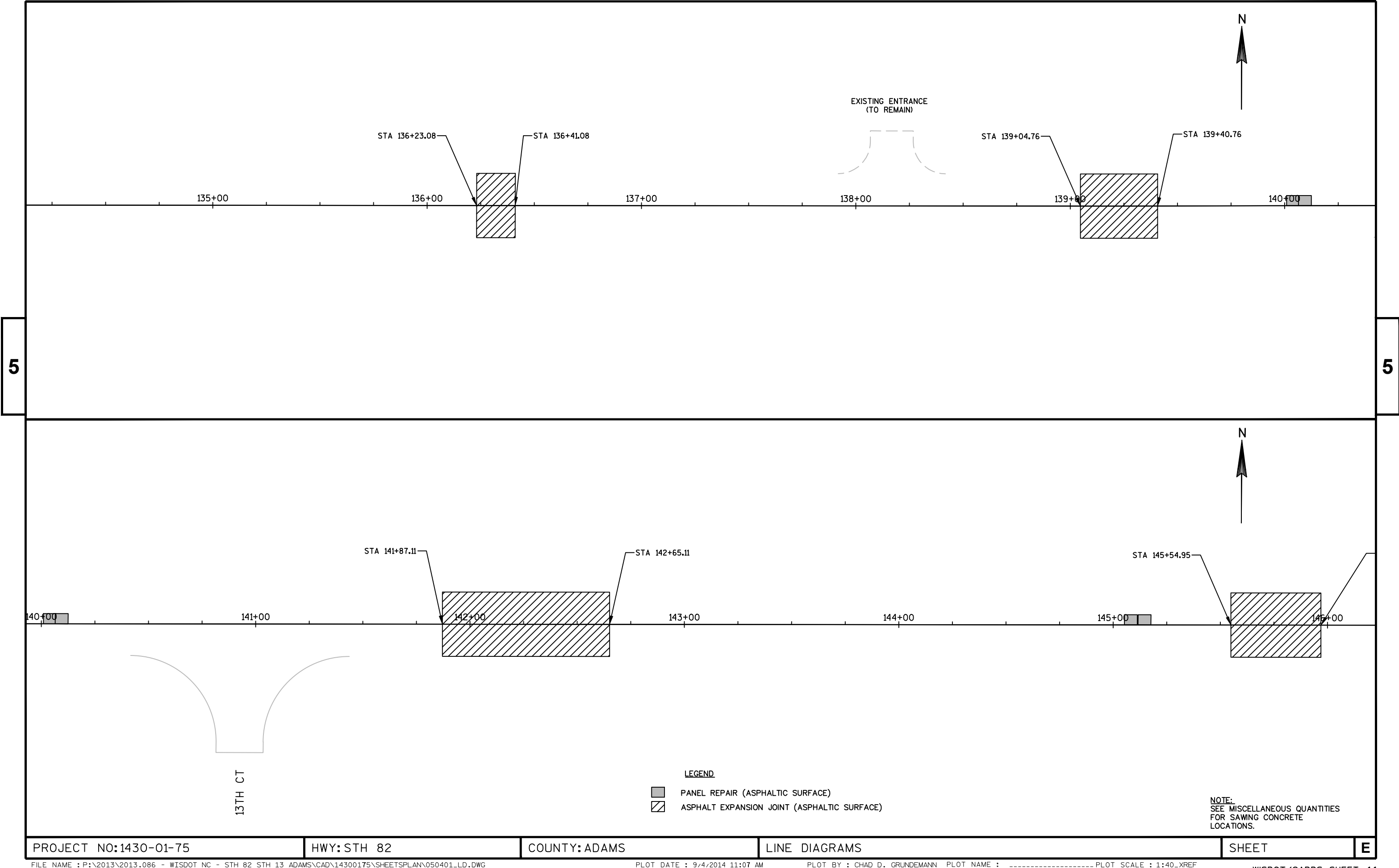


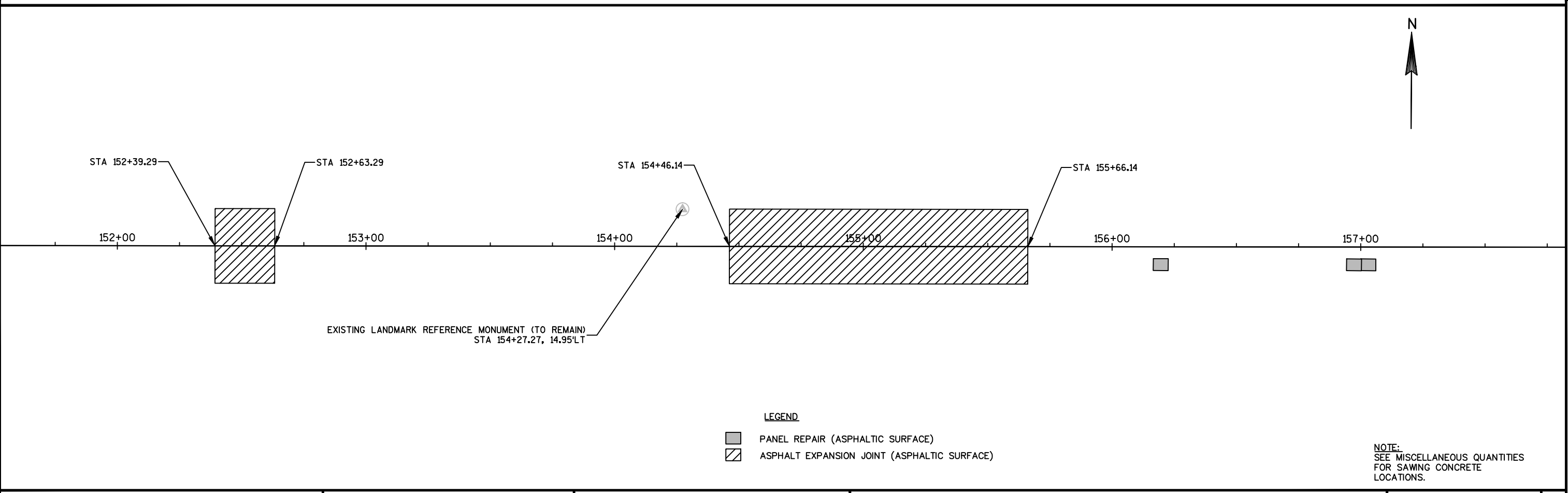
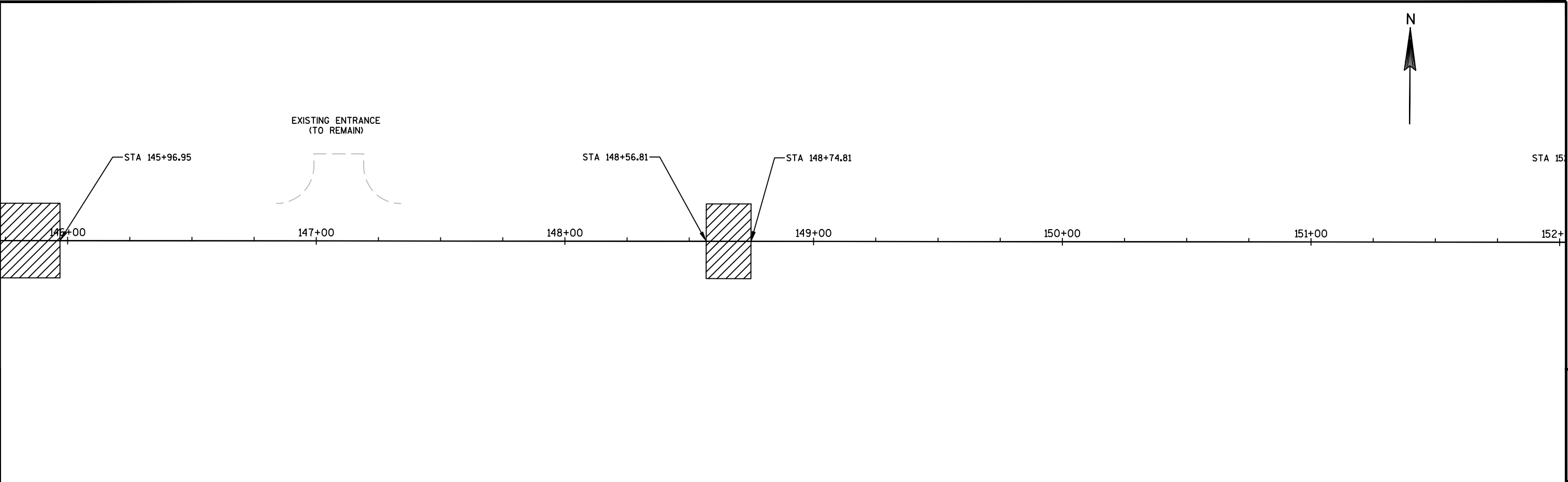




- LEGEND**
- PANEL REPAIR (ASPHALTIC SURFACE)
 - ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

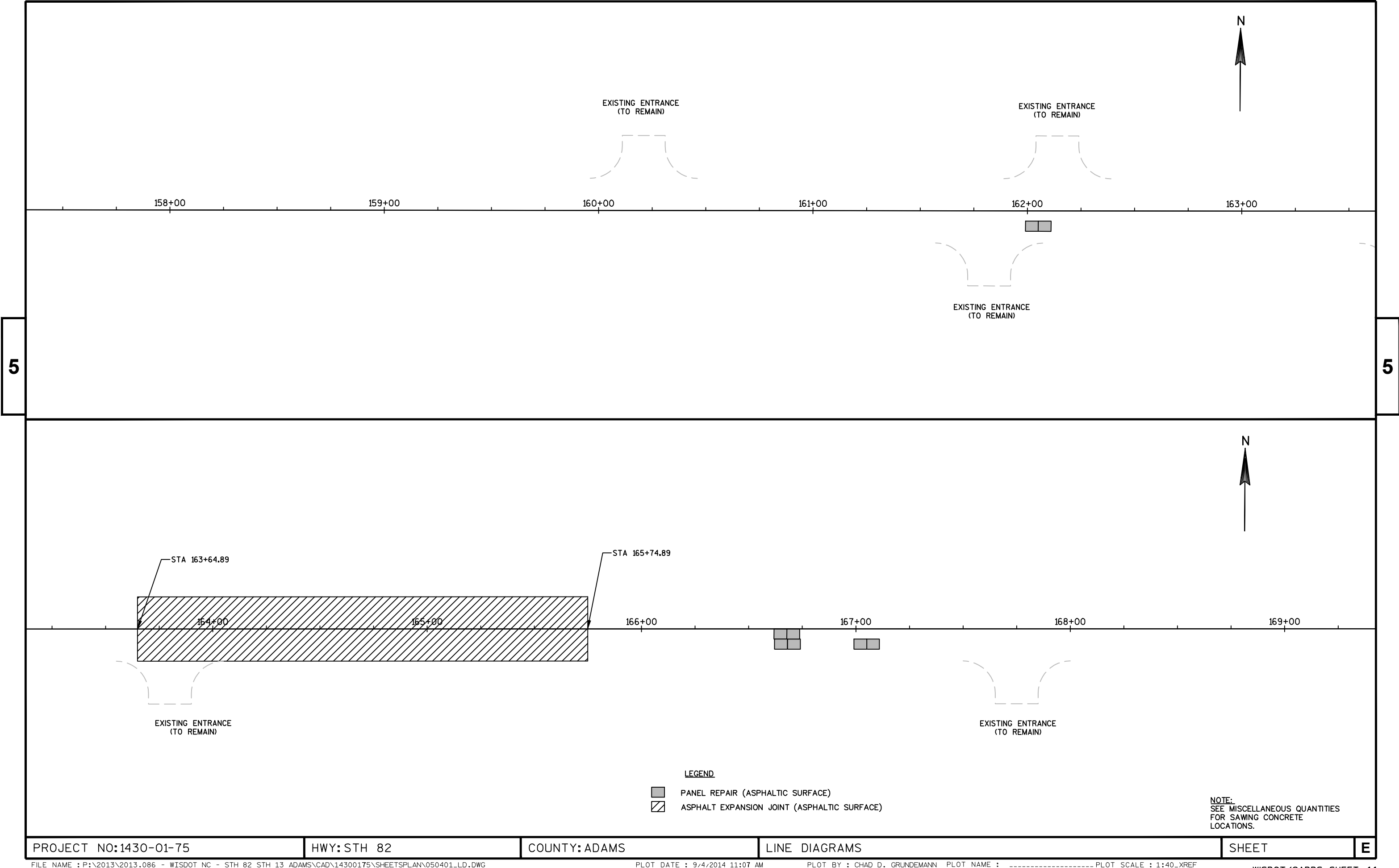
NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.





- LEGEND
-  PANEL REPAIR (ASPHALTIC SURFACE)
 -  ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.



LEGEND

-  PANEL REPAIR (ASPHALTIC SURFACE)
-  ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.

PROJECT NO:1430-01-75

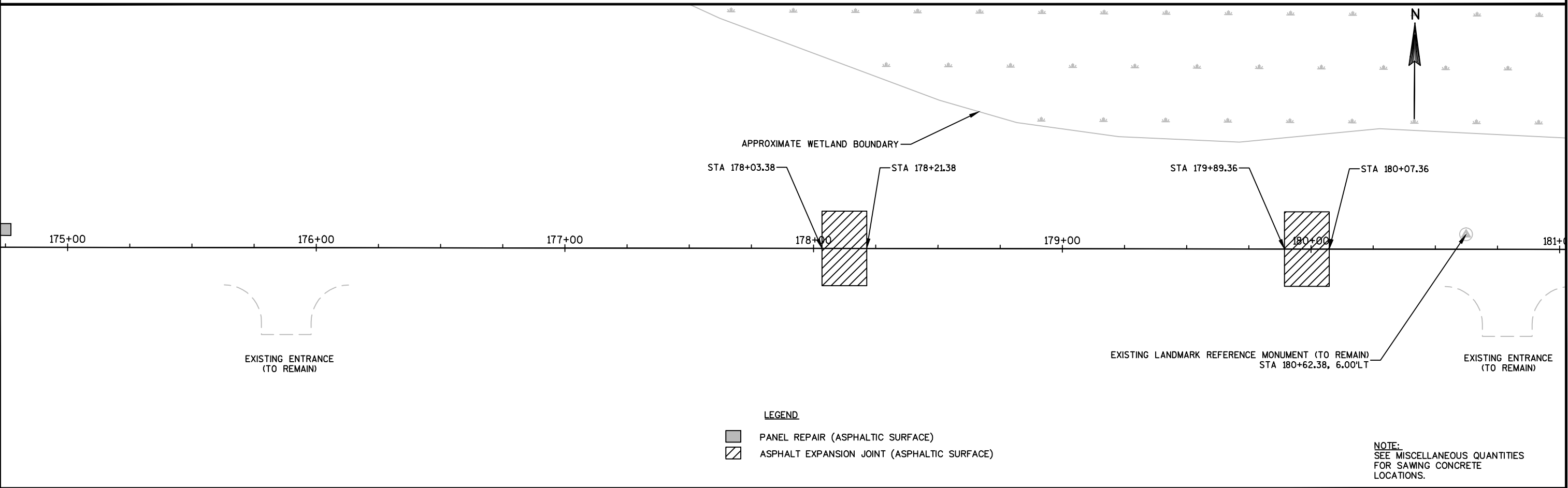
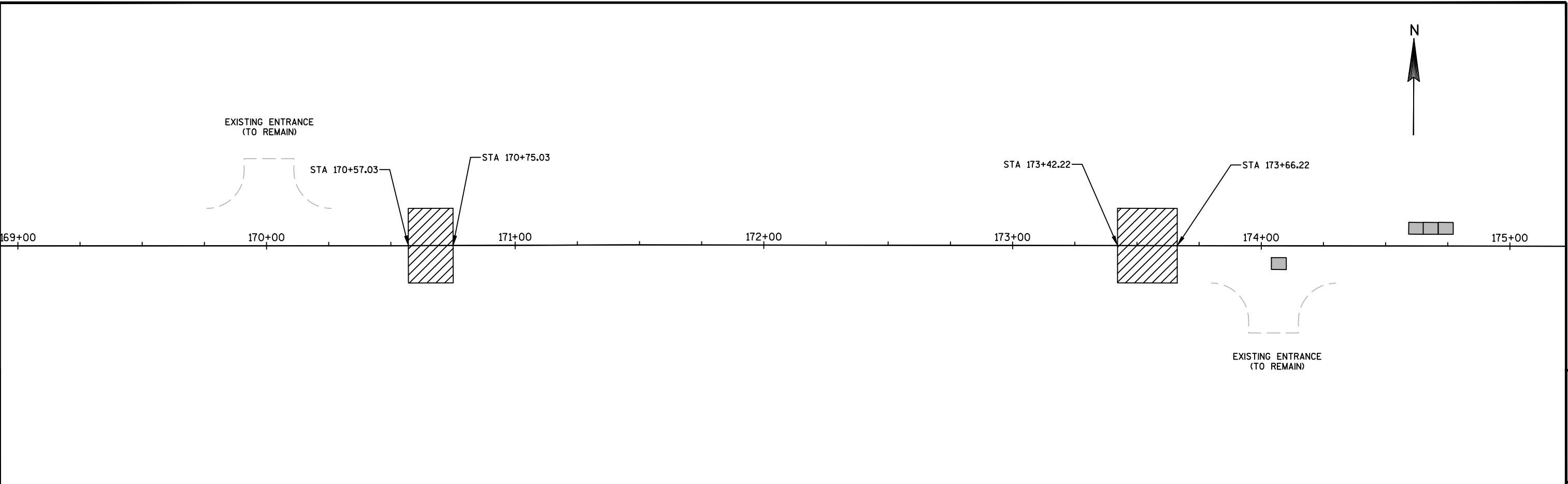
HWY:STH 82

COUNTY:ADAMS

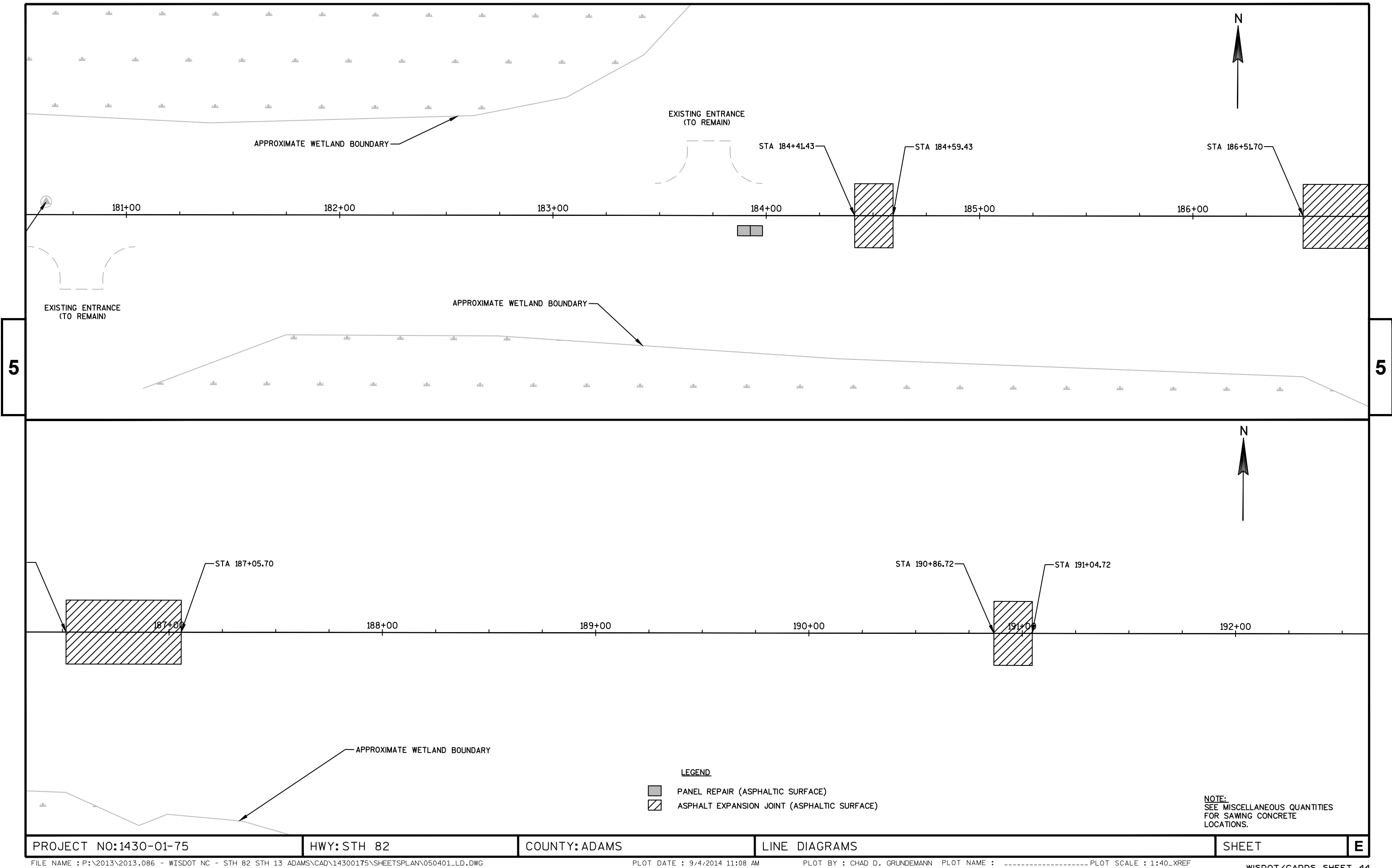
LINE DIAGRAMS

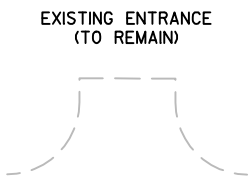
SHEET

E



PROJECT NO:1430-01-75	HWY:STH 82	COUNTY:ADAMS	LINE DIAGRAMS	SHEET	E
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193+00

194+00

195+00

196+00

197+00

198+00

5

5



198+00

199+00

200+00

201+00

202+00

203+00

204+00

LEGEND



PANEL REPAIR (ASPHALTIC SURFACE)



ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.

PROJECT NO:1430-01-75

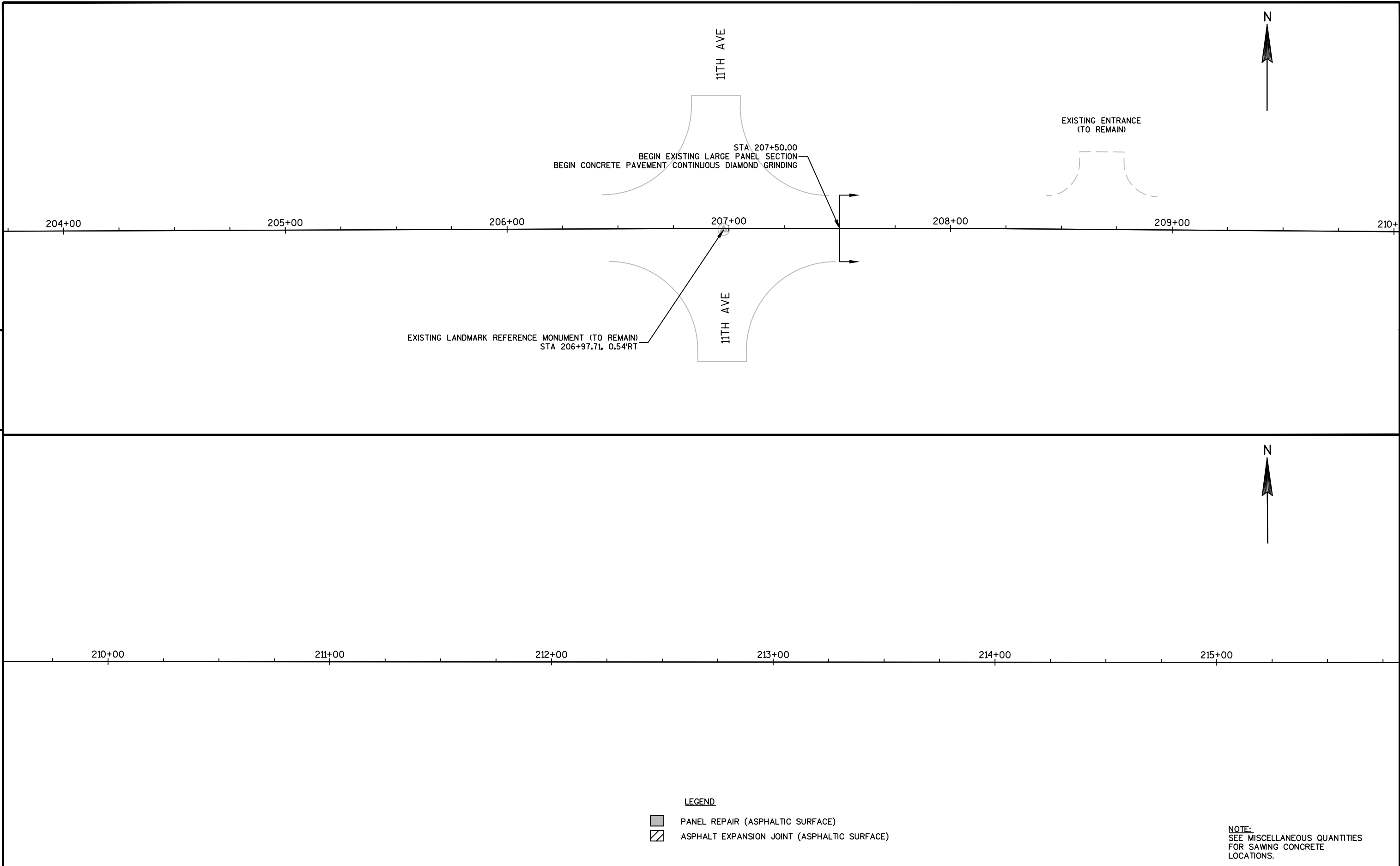
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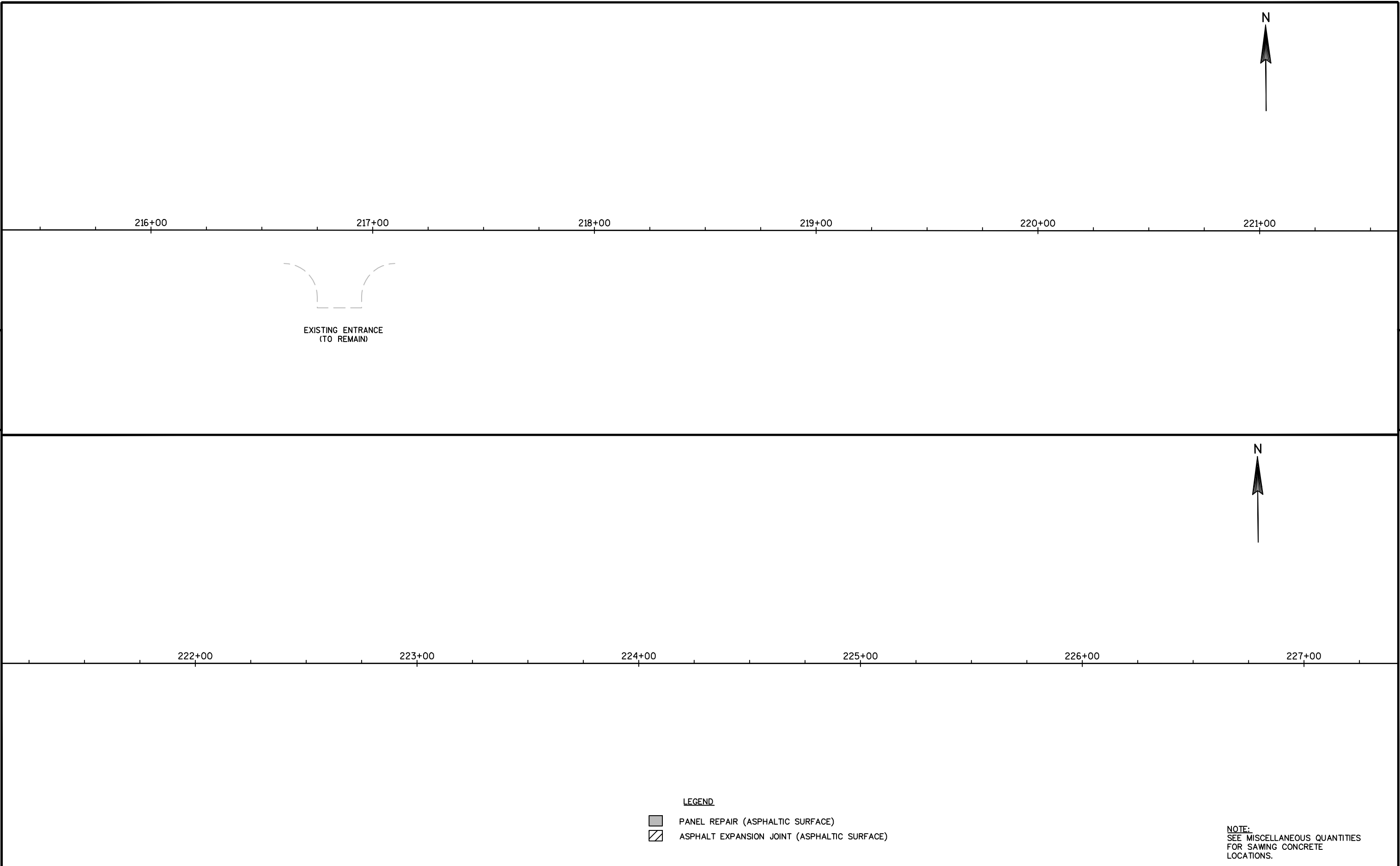
COUNTY:ADAMS

LINE DIAGRAMS

SHEET

E





LEGEND



PANEL REPAIR (ASPHALTIC SURFACE)



ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.

PROJECT NO:1430-01-75

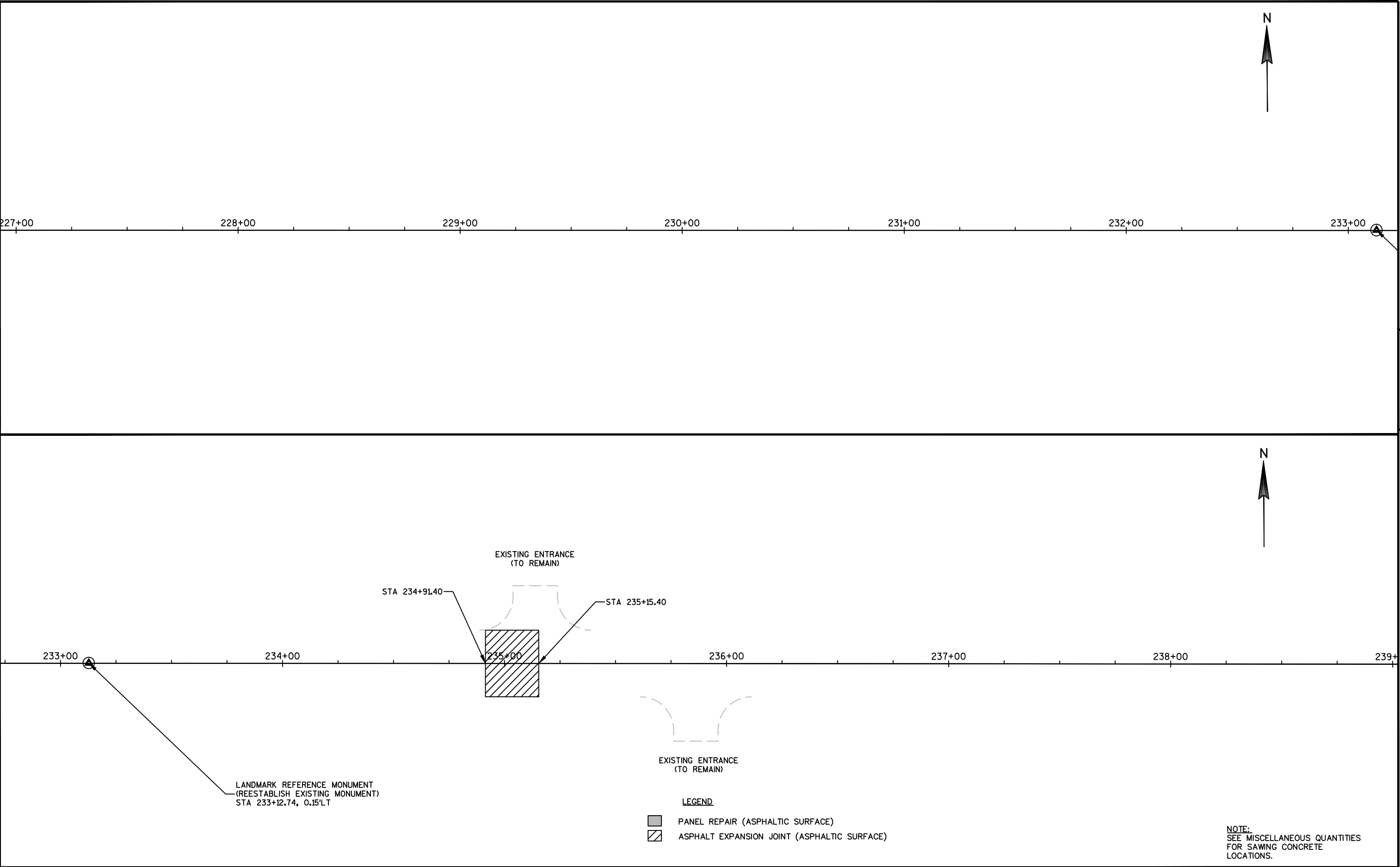
HWY:STH 82

COUNTY:ADAMS

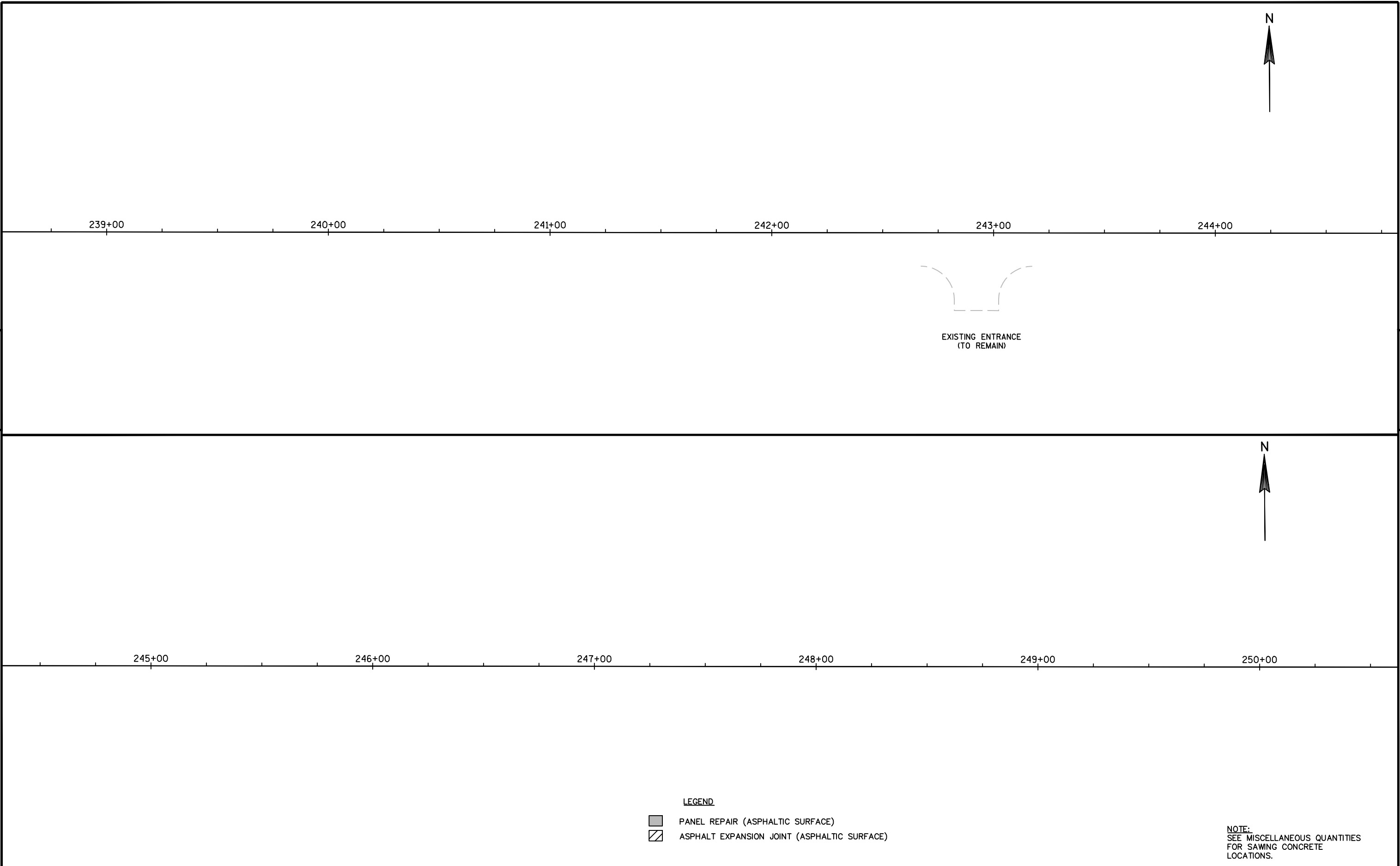
LINE DIAGRAMS

SHEET

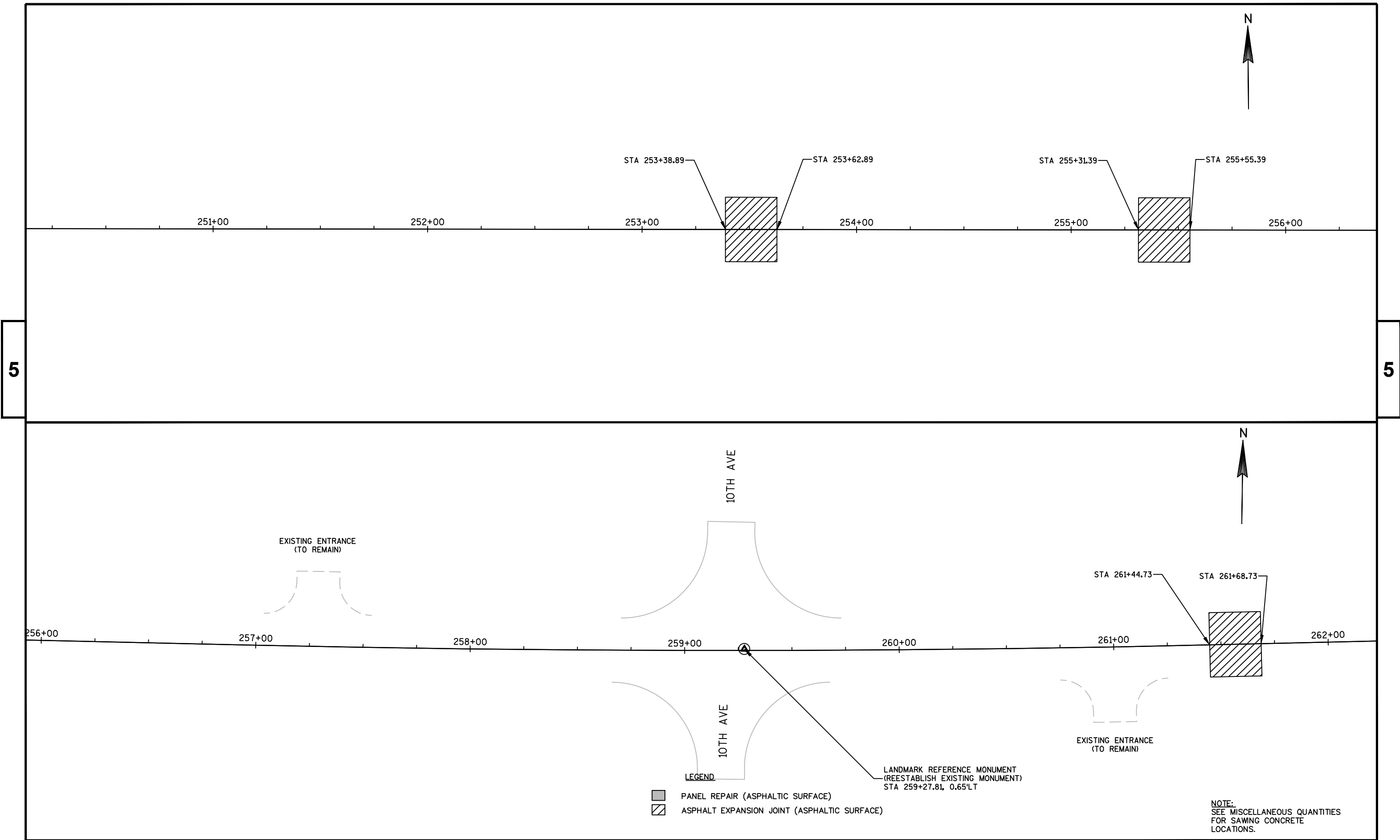
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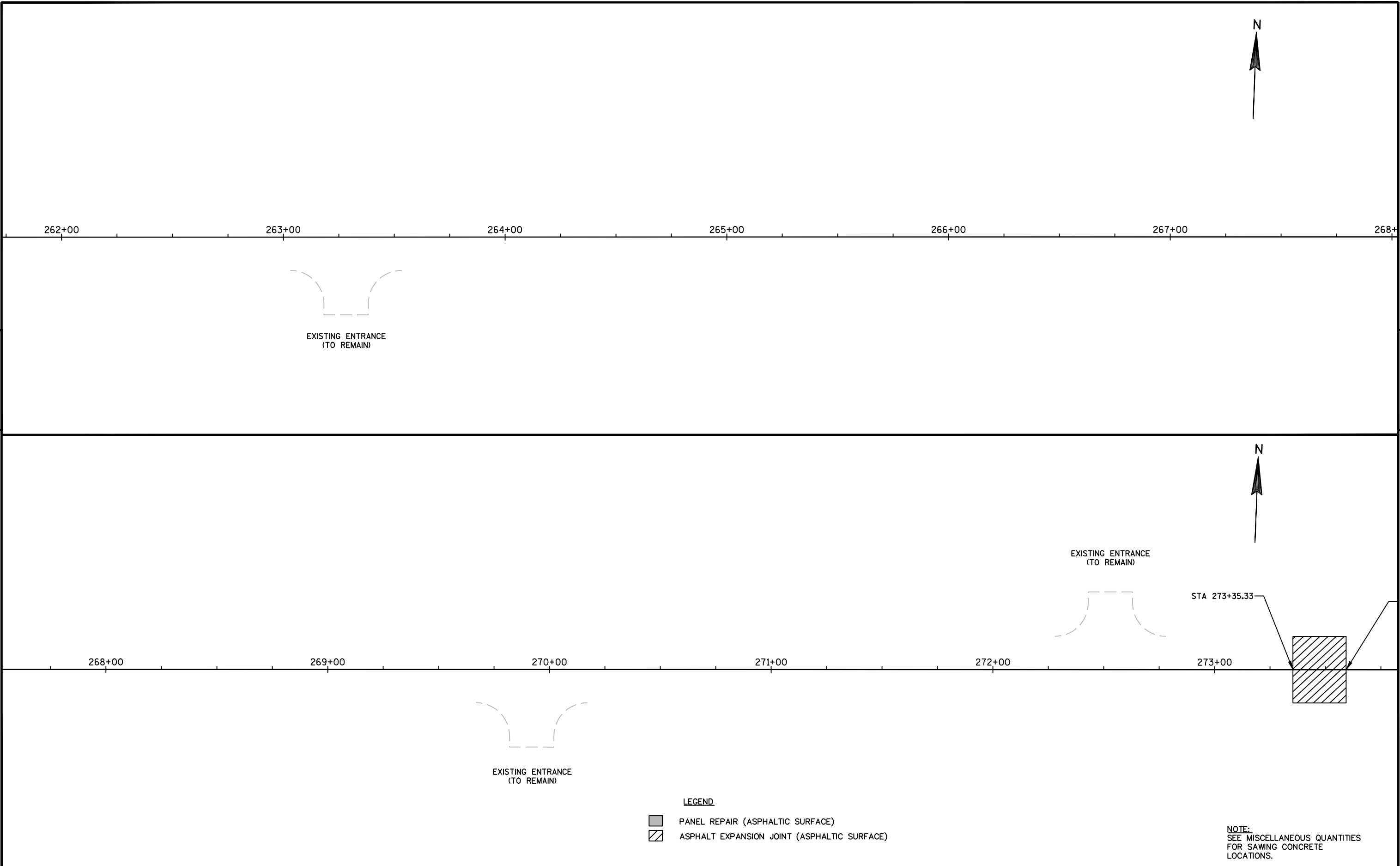


PROJECT NO:1430-01-75	HWY:STH 82	COUNTY:ADAMS	LINE DIAGRAMS	SHEET	E
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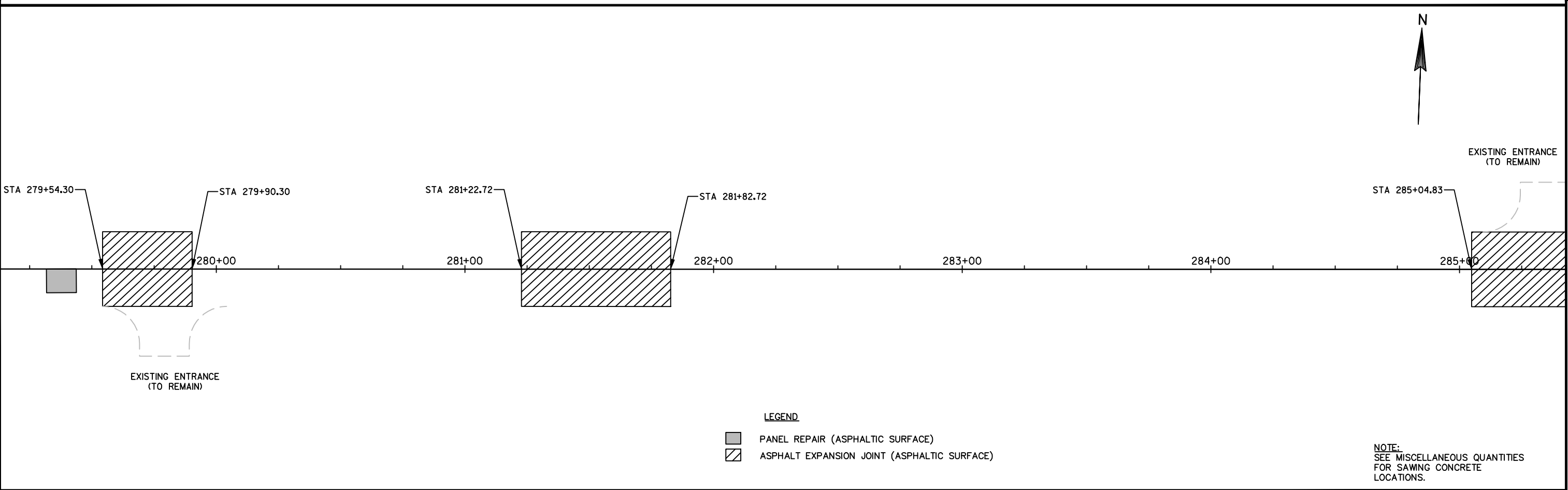
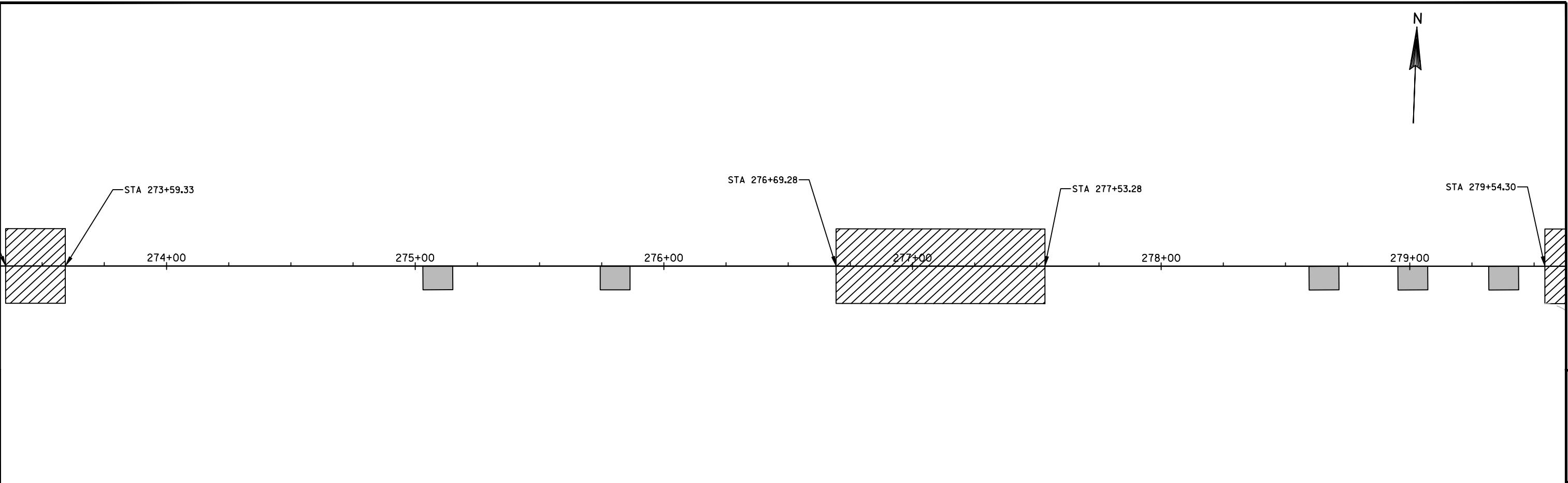


PROJECT NO:1430-01-75	HWY:STH 82	COUNTY:ADAMS	LINE DIAGRAMS	SHEET	E
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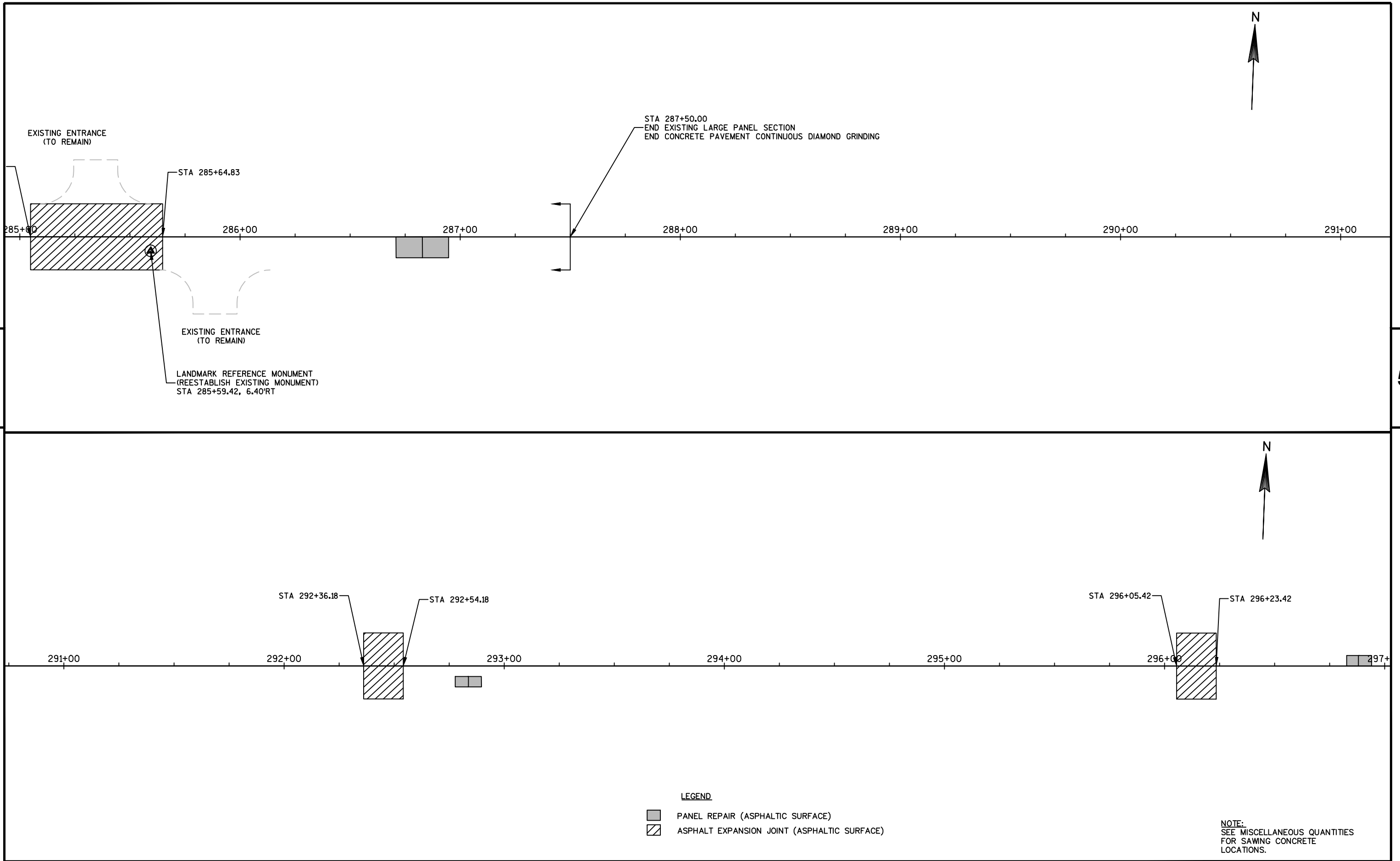
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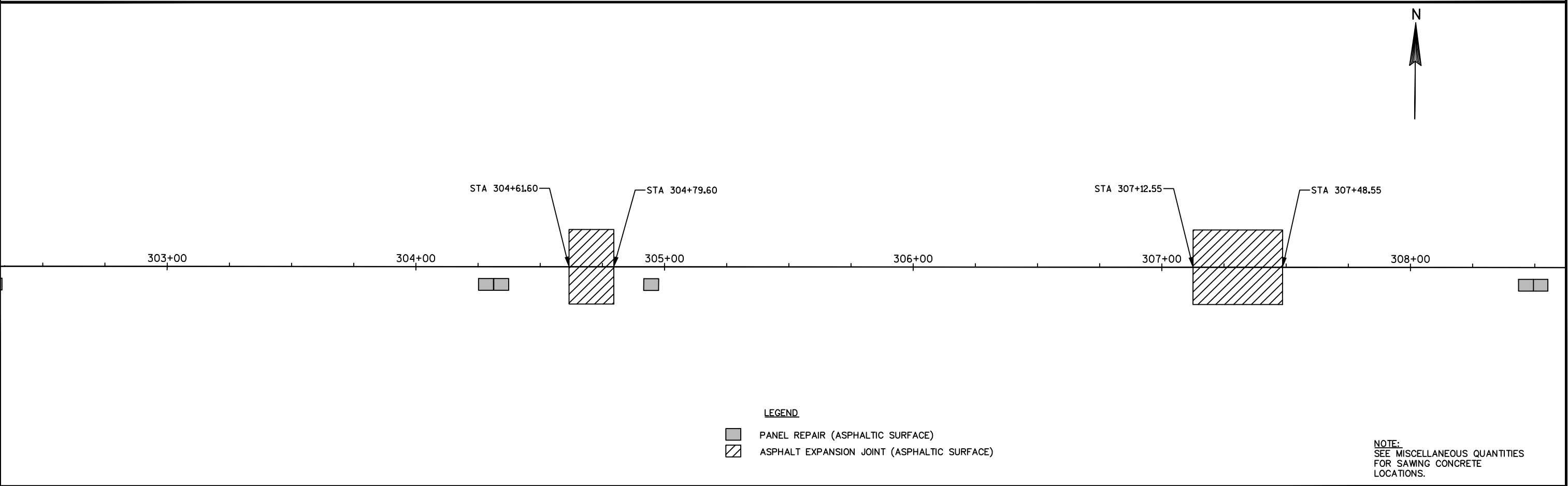
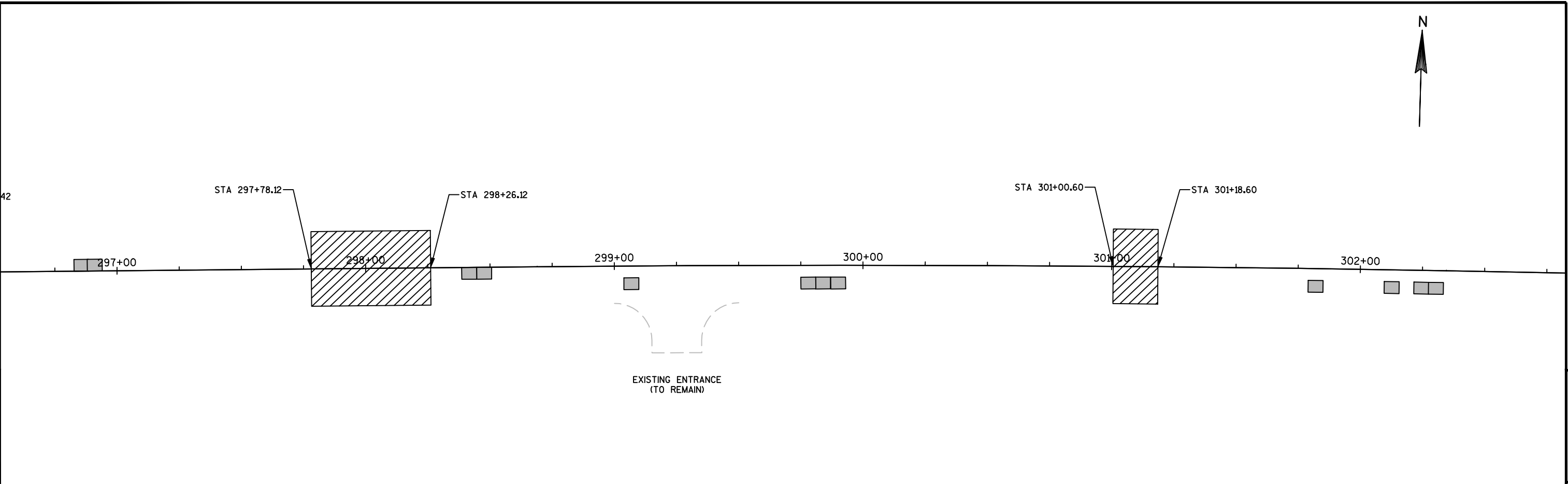


- LEGEND
- PANEL REPAIR (ASPHALTIC SURFACE)
 - ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.

PROJECT NO:1430-01-75	HWY:STH 82	COUNTY:ADAMS	LINE DIAGRAMS	SHEET	E
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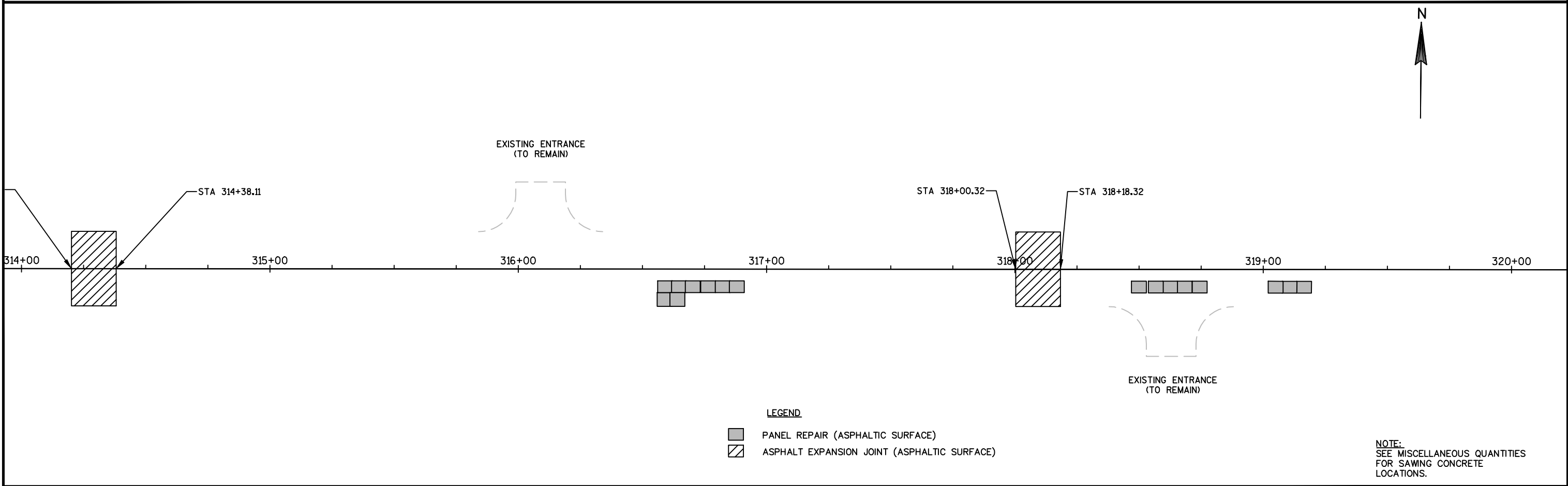
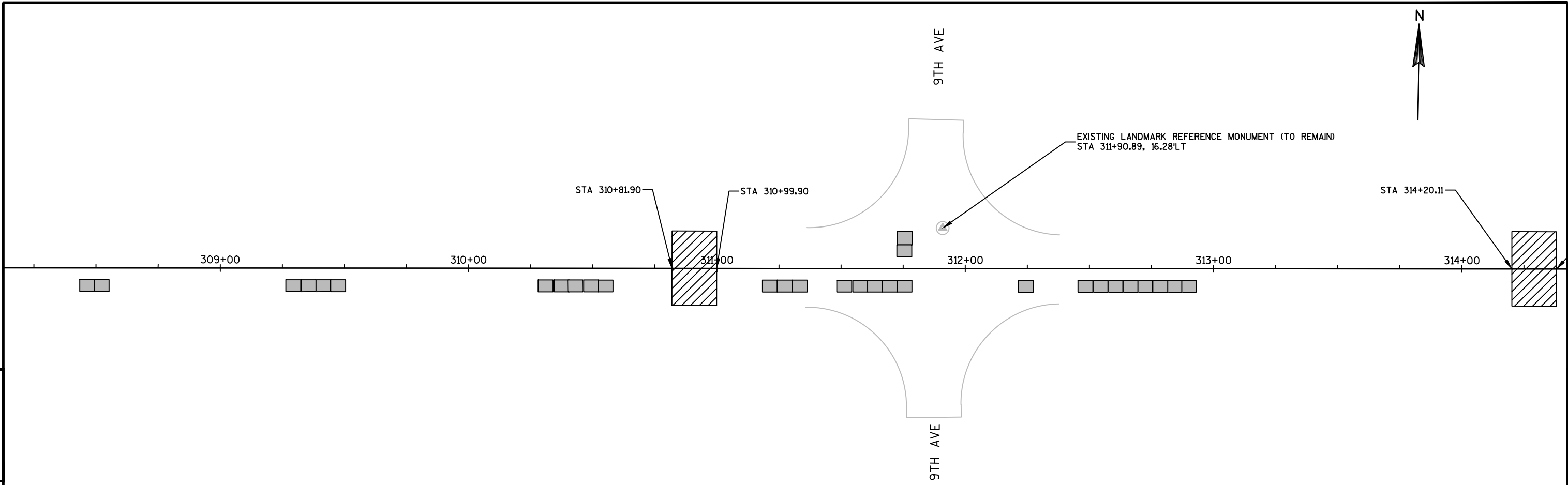




- LEGEND
-  PANEL REPAIR (ASPHALTIC SURFACE)
 -  ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.

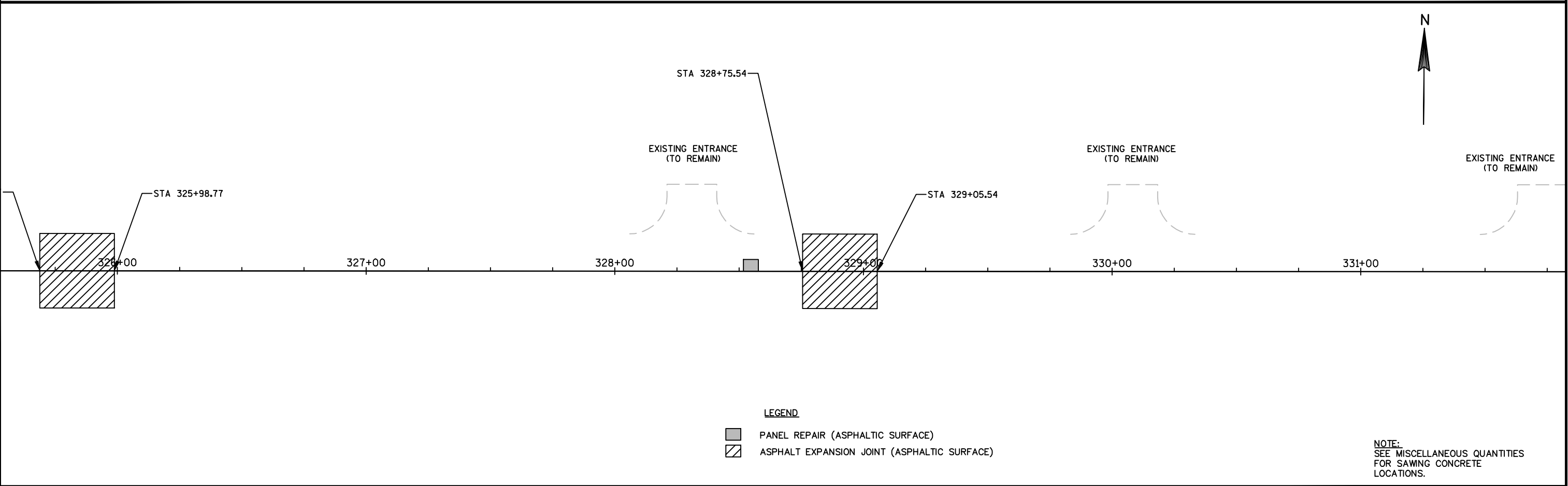
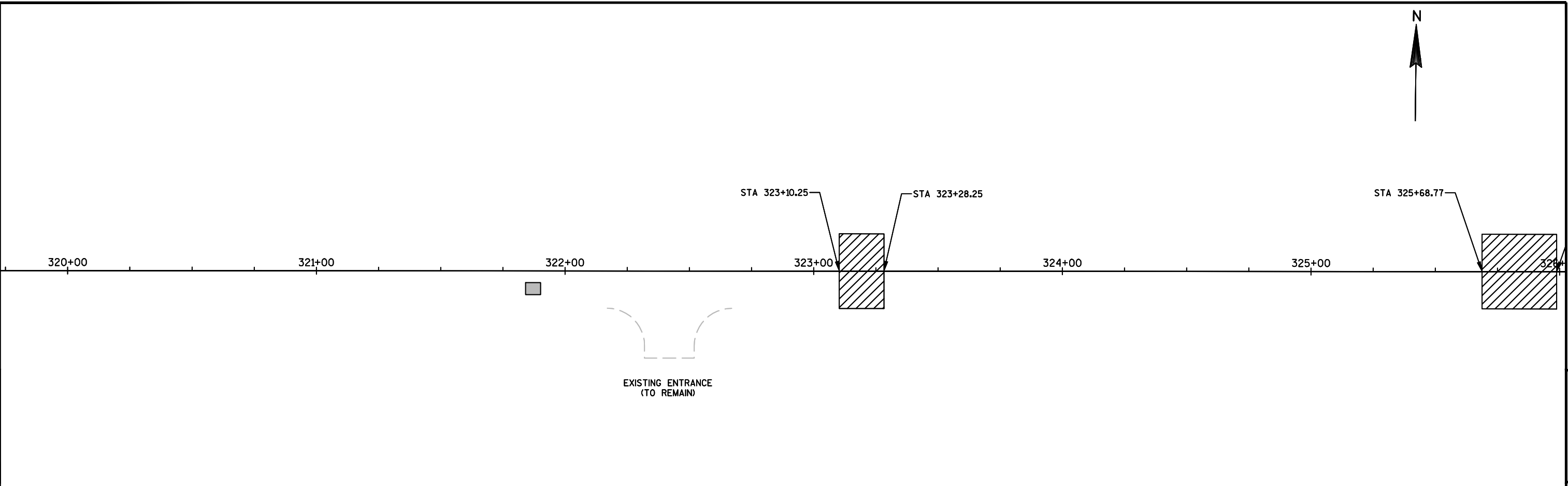
PROJECT NO:1430-01-75	HWY:STH 82	COUNTY:ADAMS	LINE DIAGRAMS	SHEET	E
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- LEGEND
- PANEL REPAIR (ASPHALTIC SURFACE)
 - ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

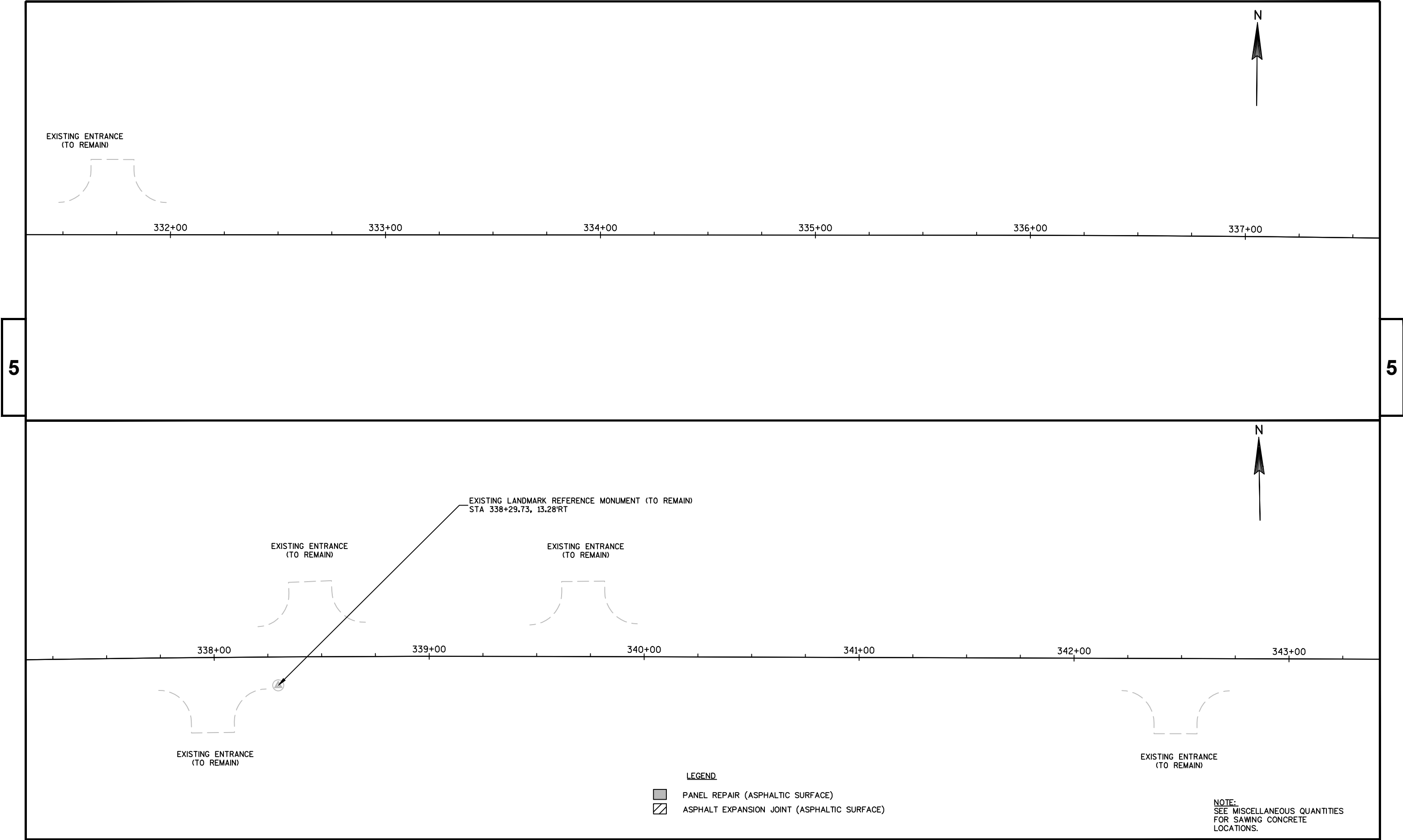
NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
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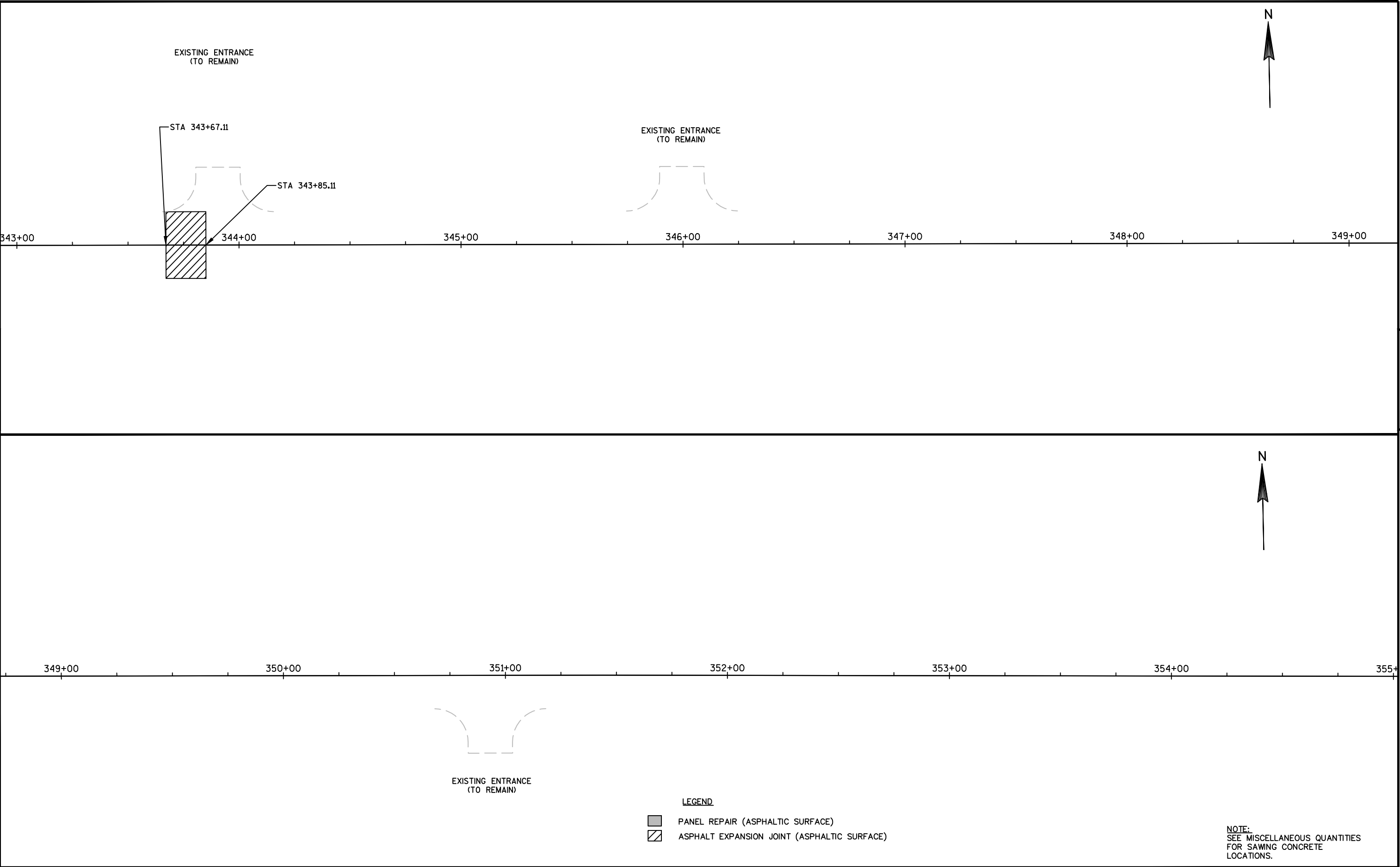
PROJECT NO:1430-01-75	HWY:STH 82	COUNTY:ADAMS	LINE DIAGRAMS	SHEET	E
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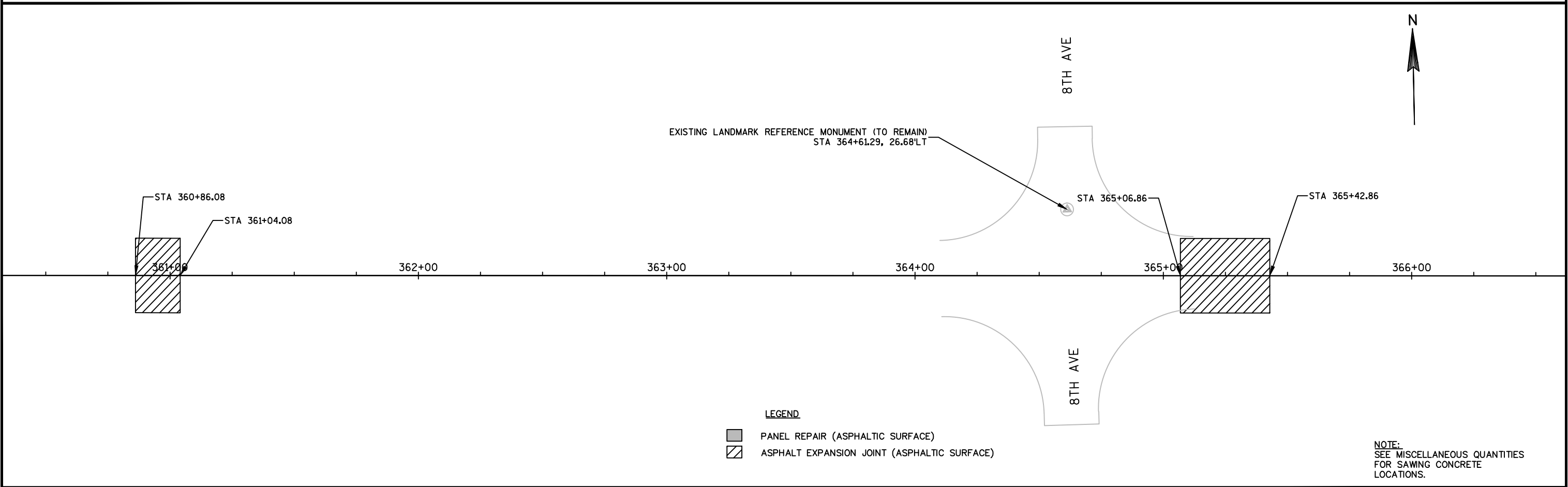
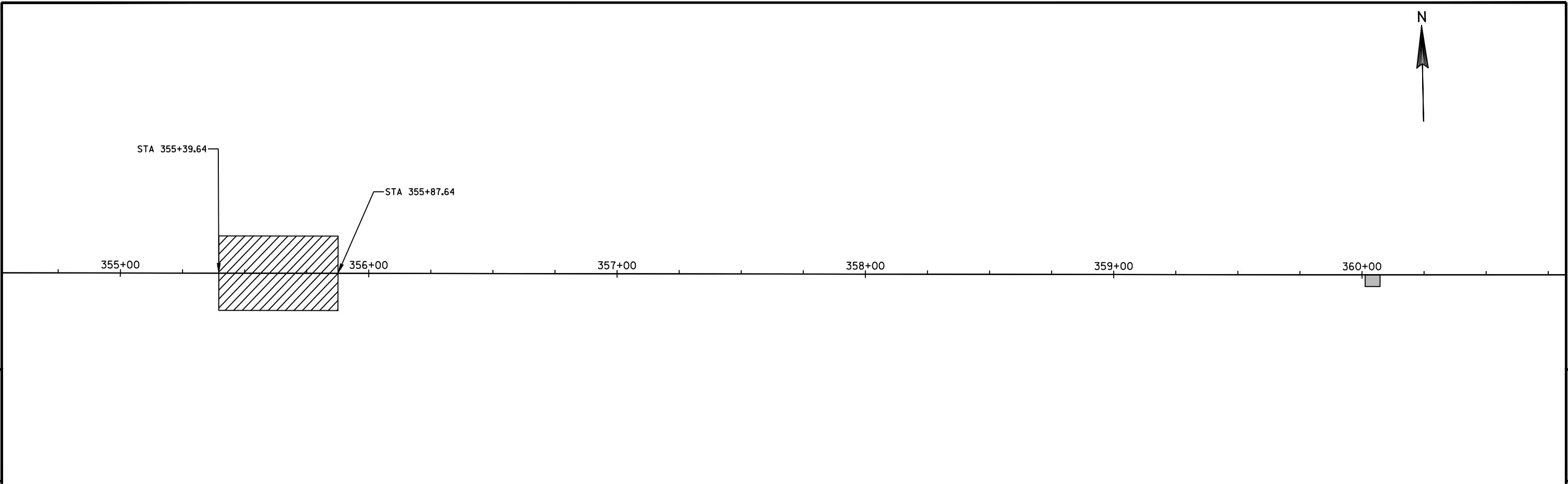


- LEGEND
-  PANEL REPAIR (ASPHALTYC SURFACE)
 -  ASPHALT EXPANSION JOINT (ASPHALTYC SURFACE)

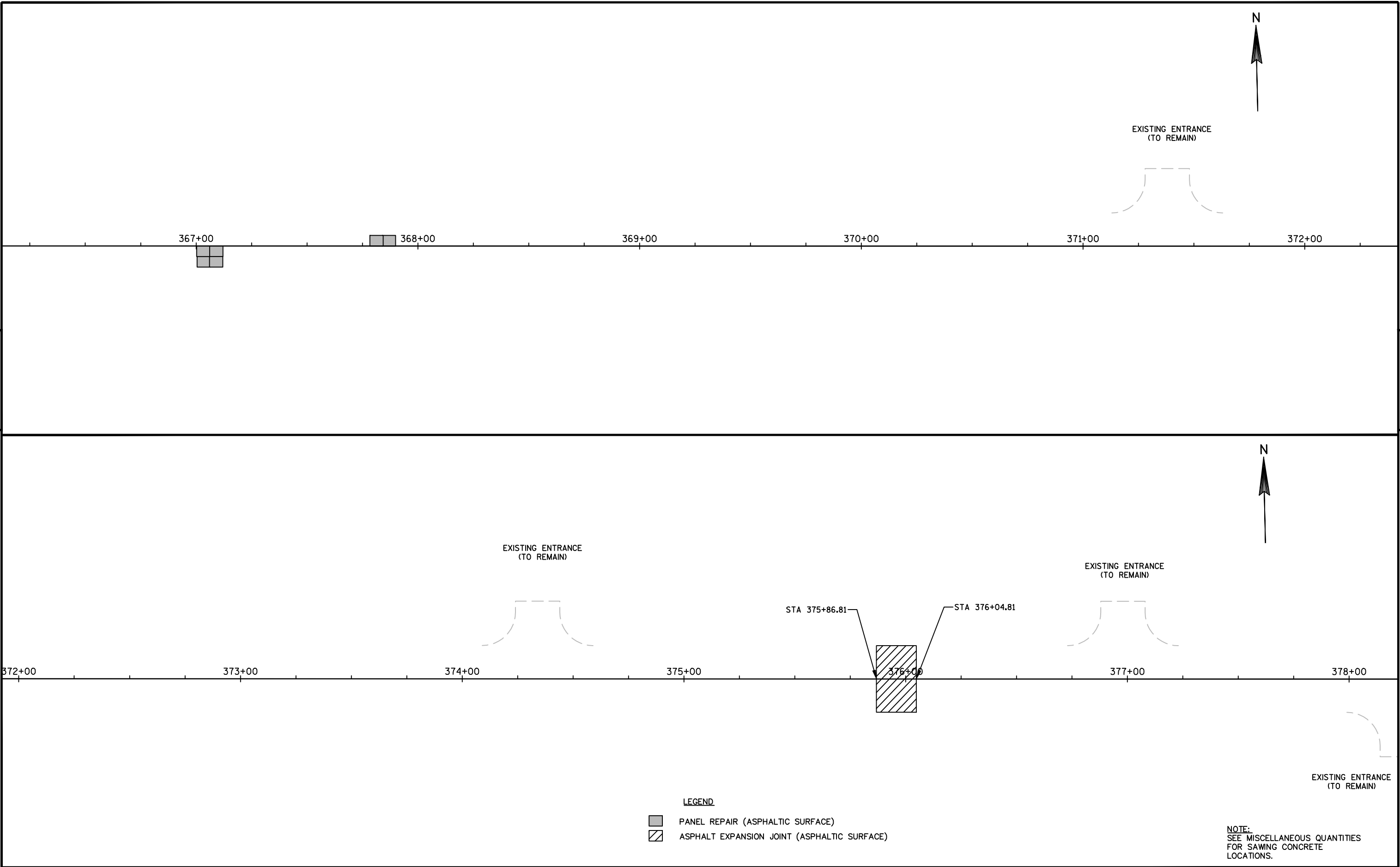
NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.

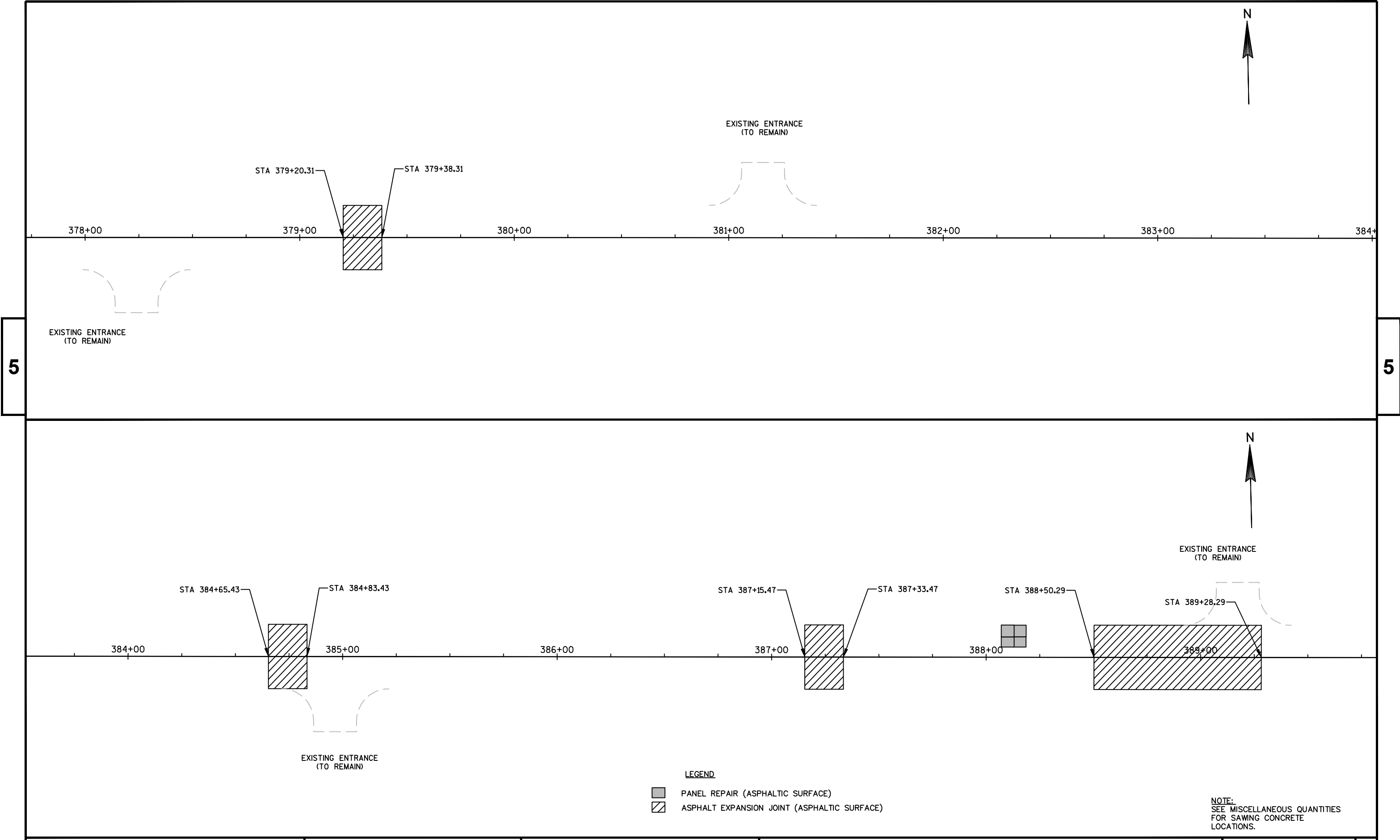


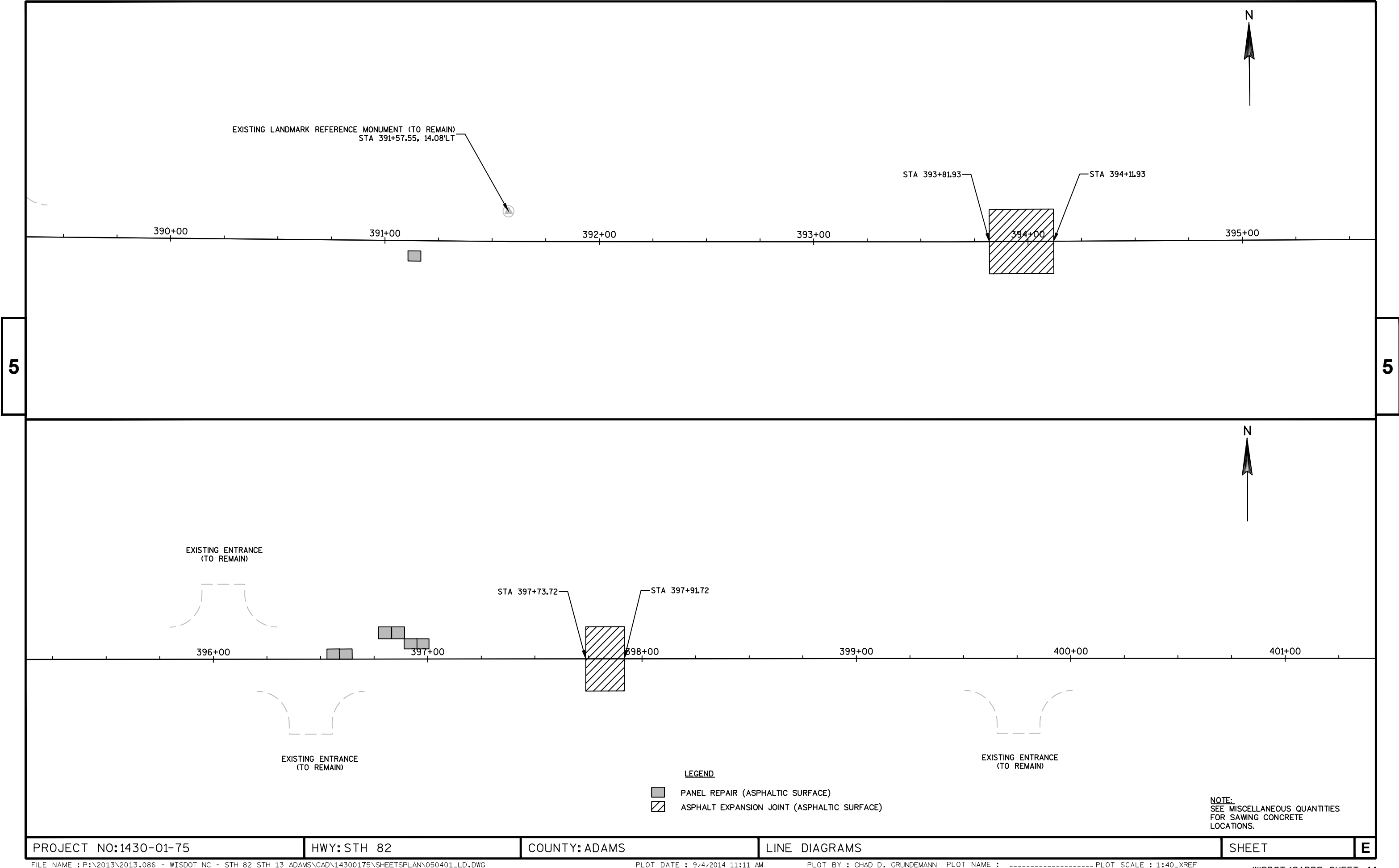


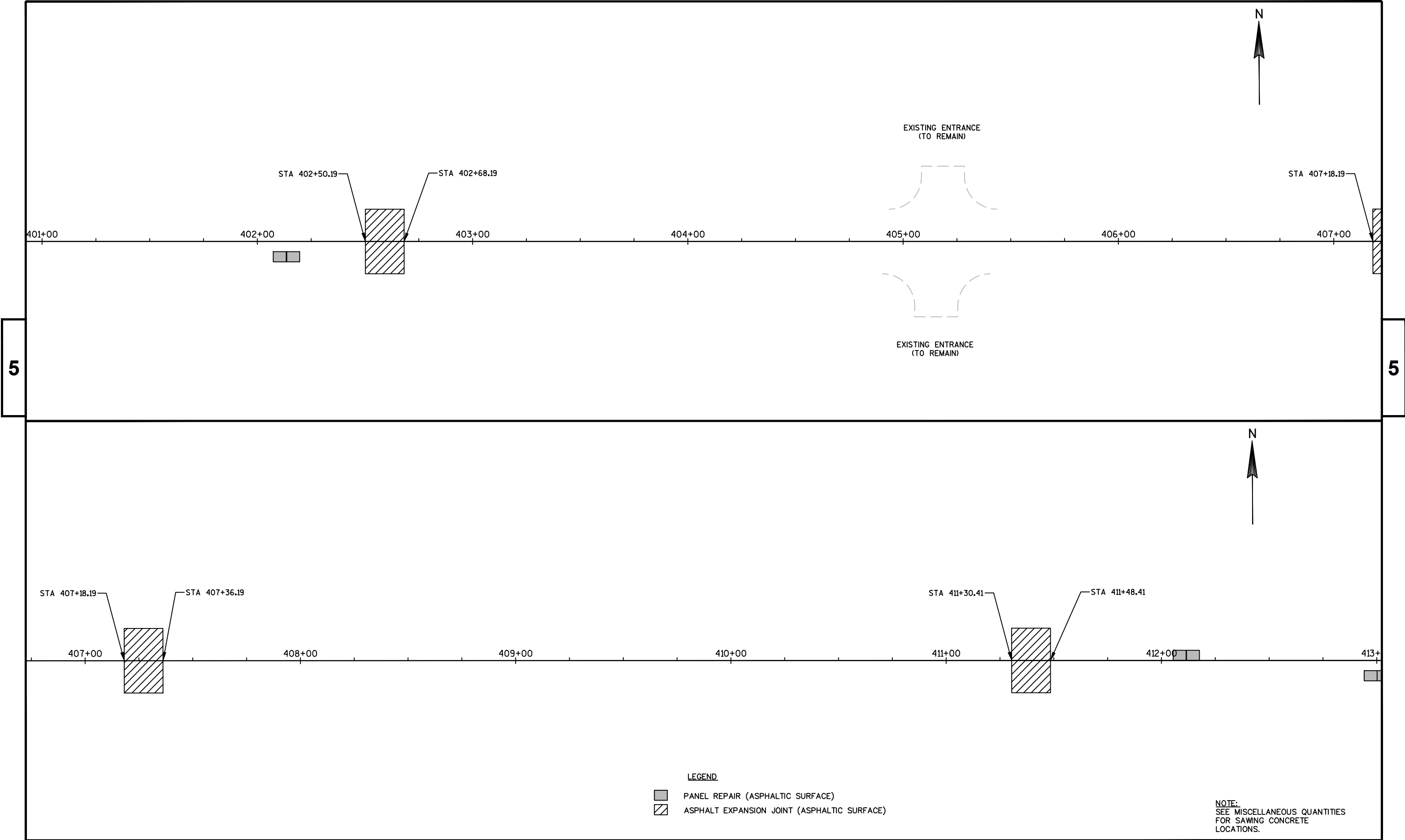


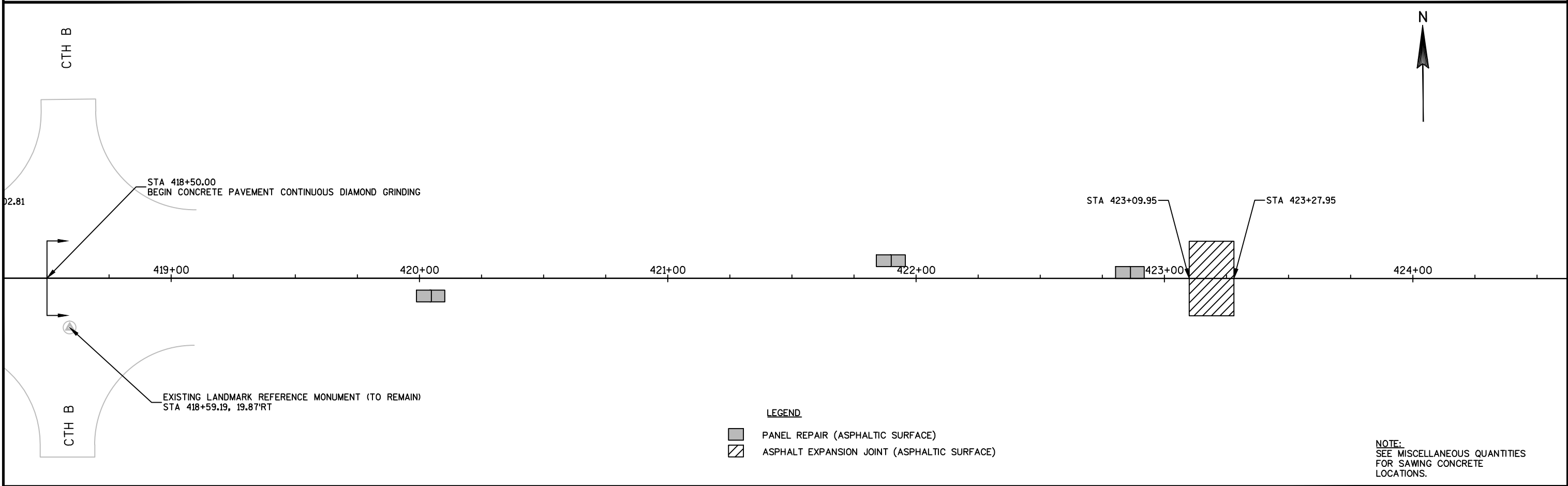
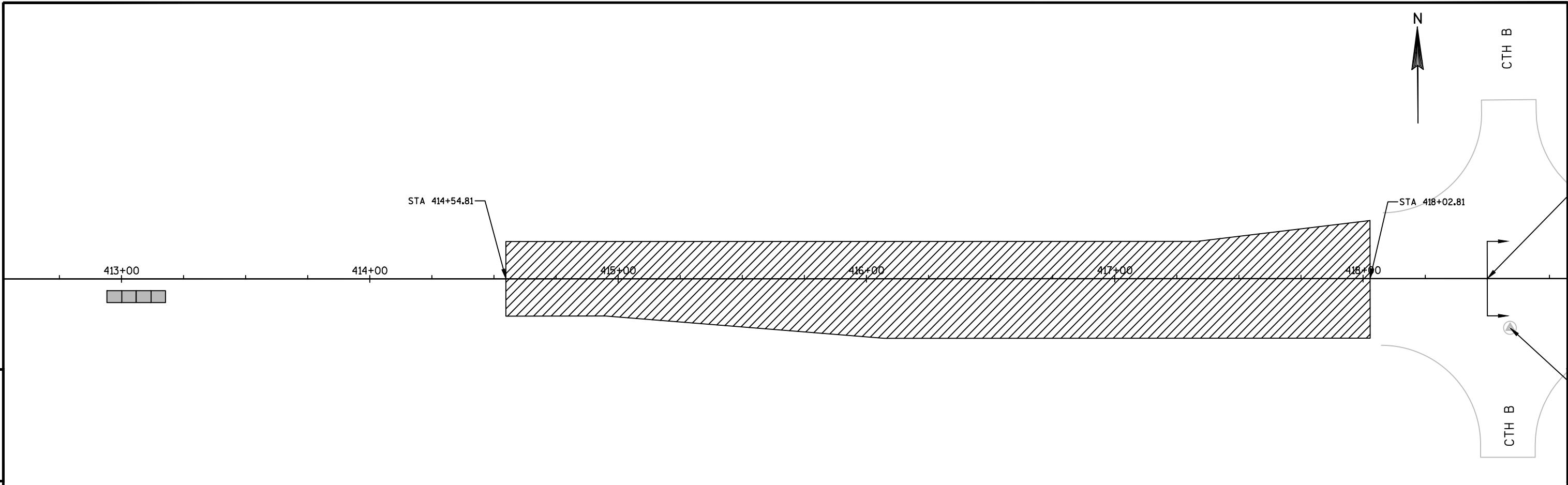
PROJECT NO:1430-01-75	HWY:STH 82	COUNTY:ADAMS	LINE DIAGRAMS	SHEET	E
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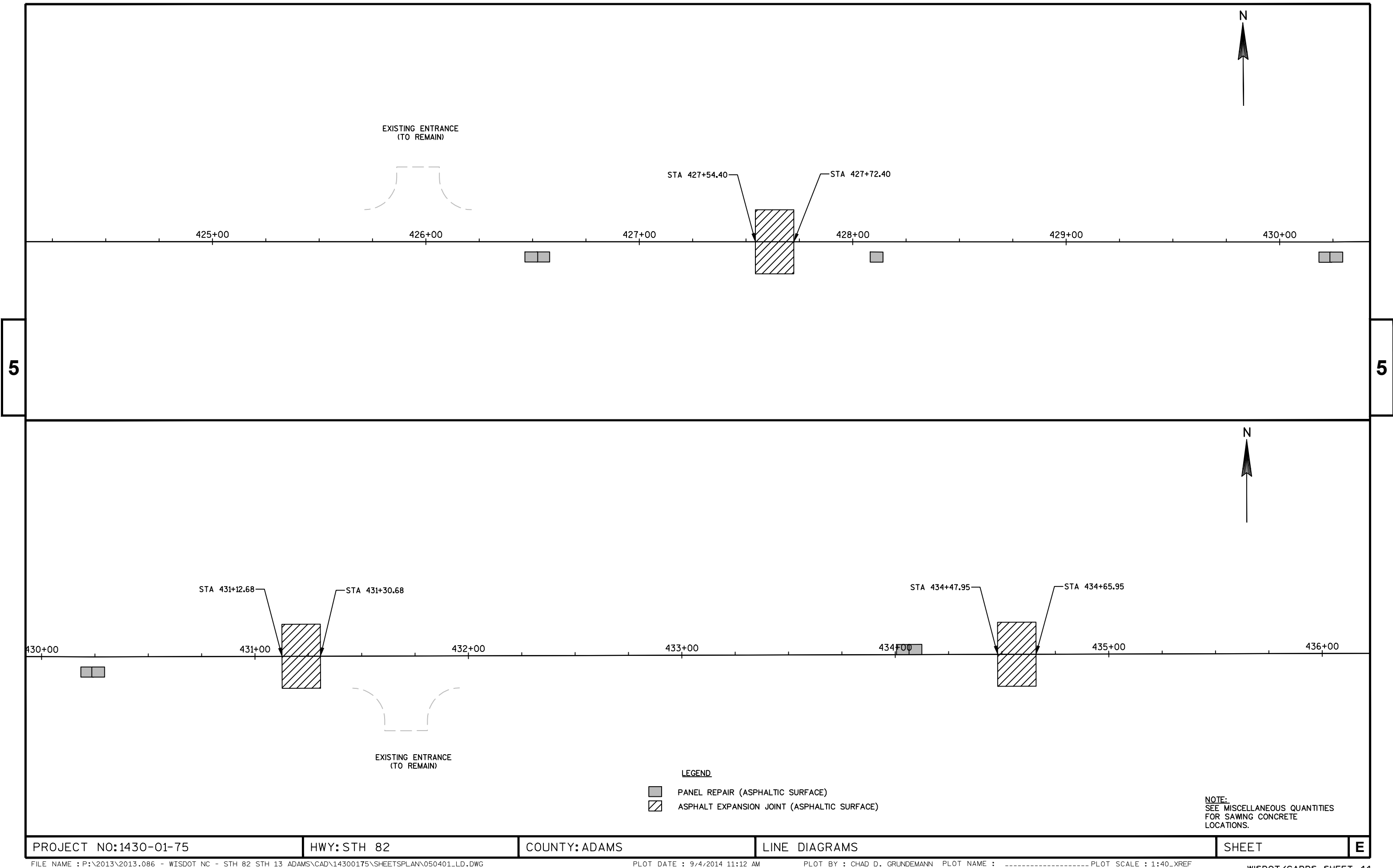


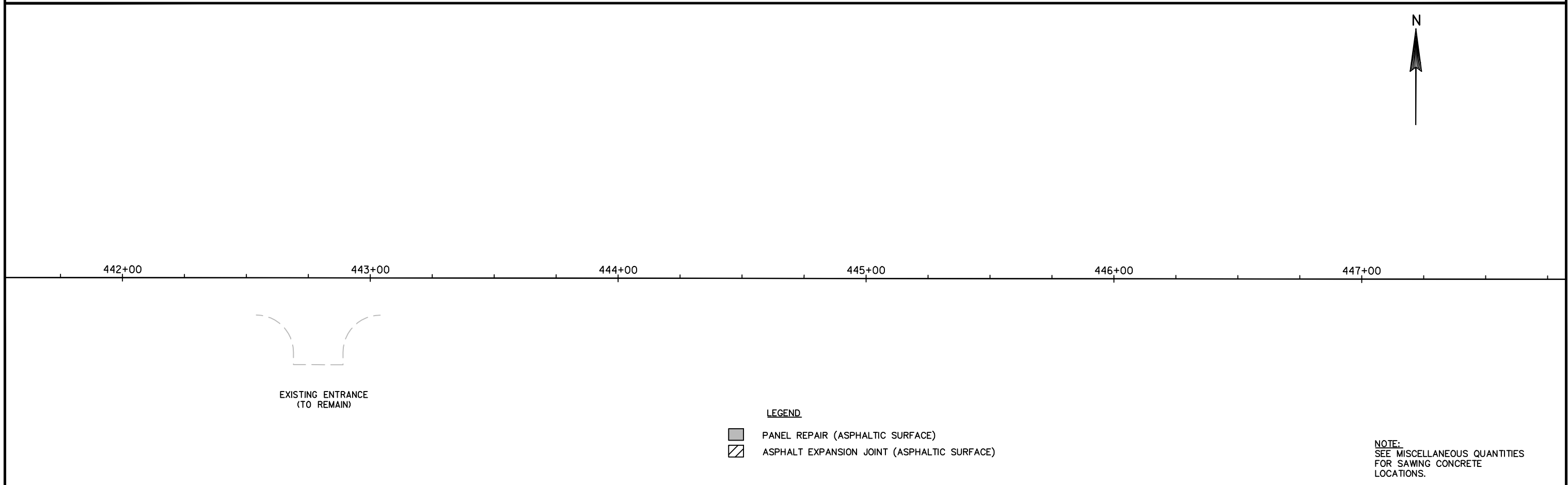
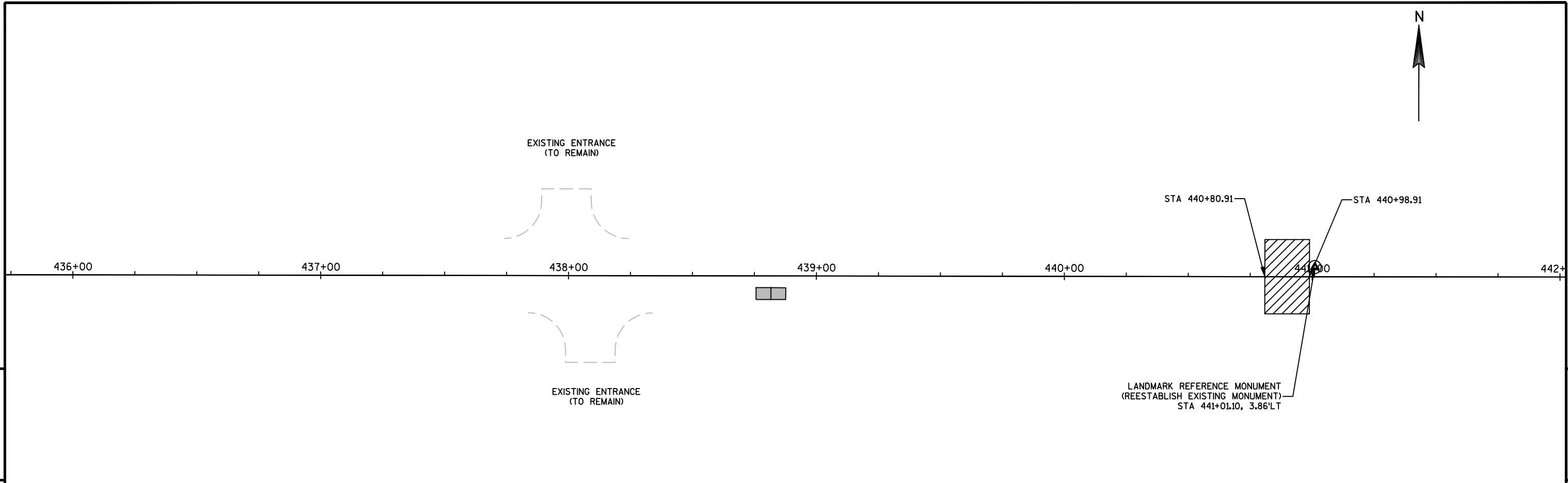


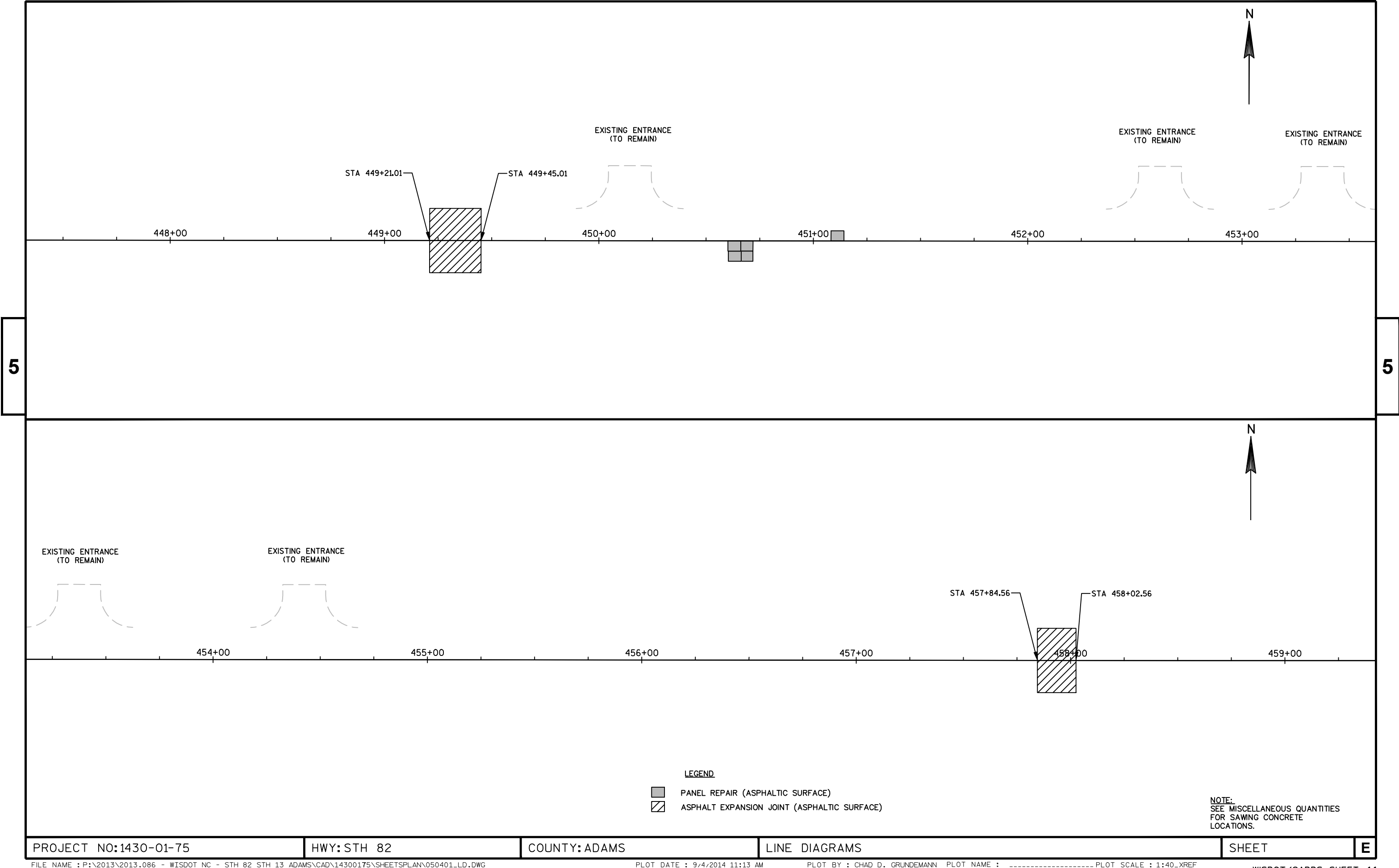
- LEGEND
- PANEL REPAIR (ASPHALTIC SURFACE)
 - ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

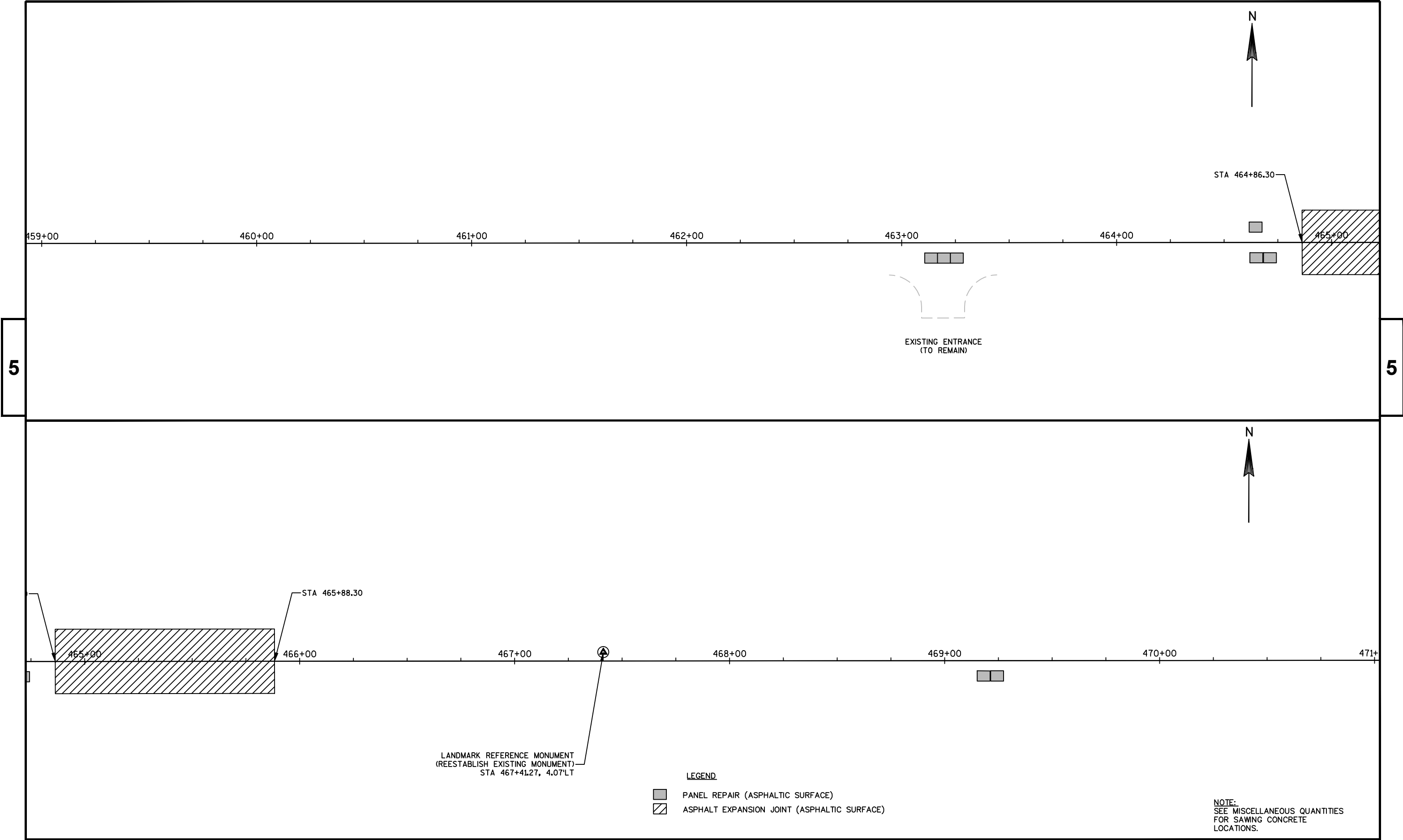
NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.

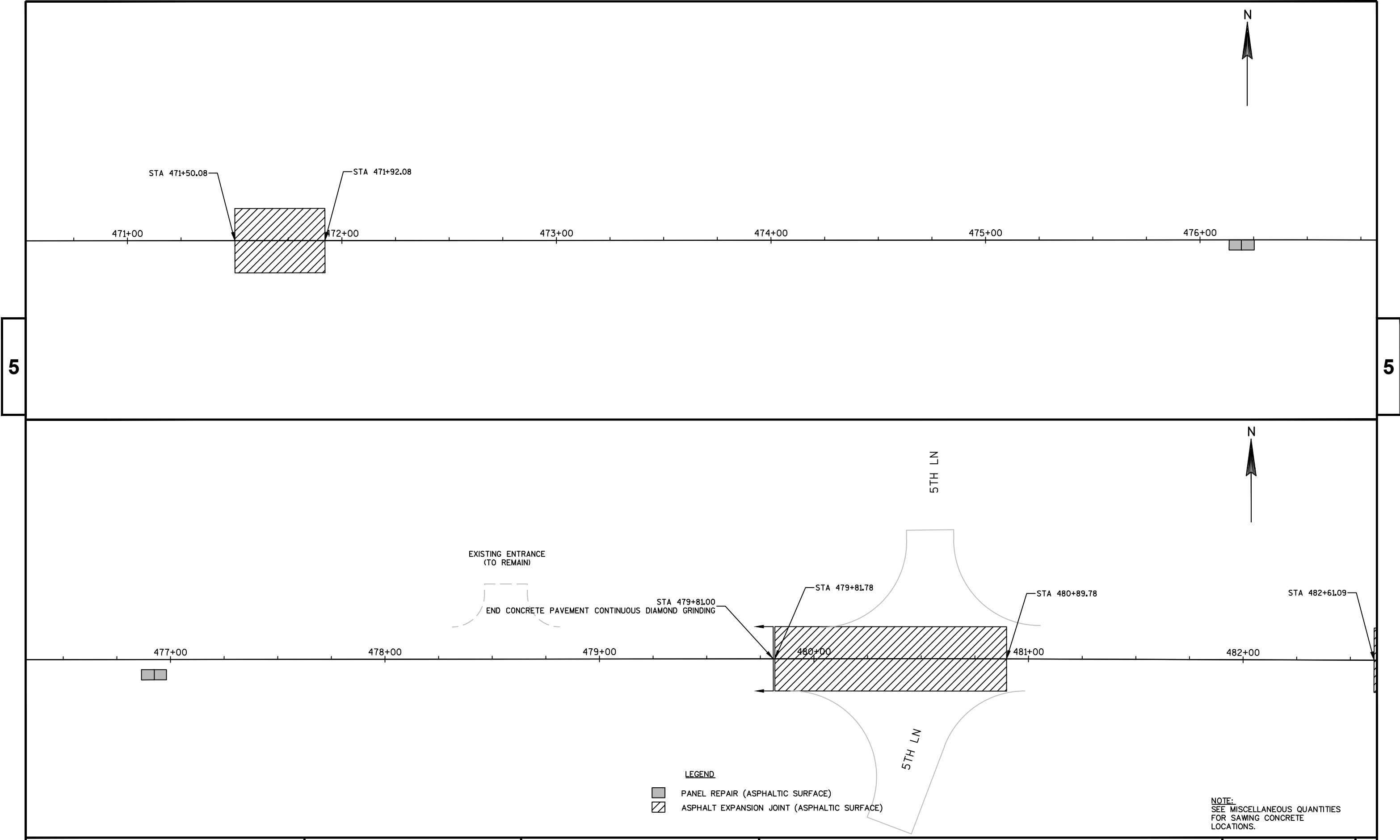
PROJECT NO:1430-01-75	HWY:STH 82	COUNTY:ADAMS	LINE DIAGRAMS	SHEET	E
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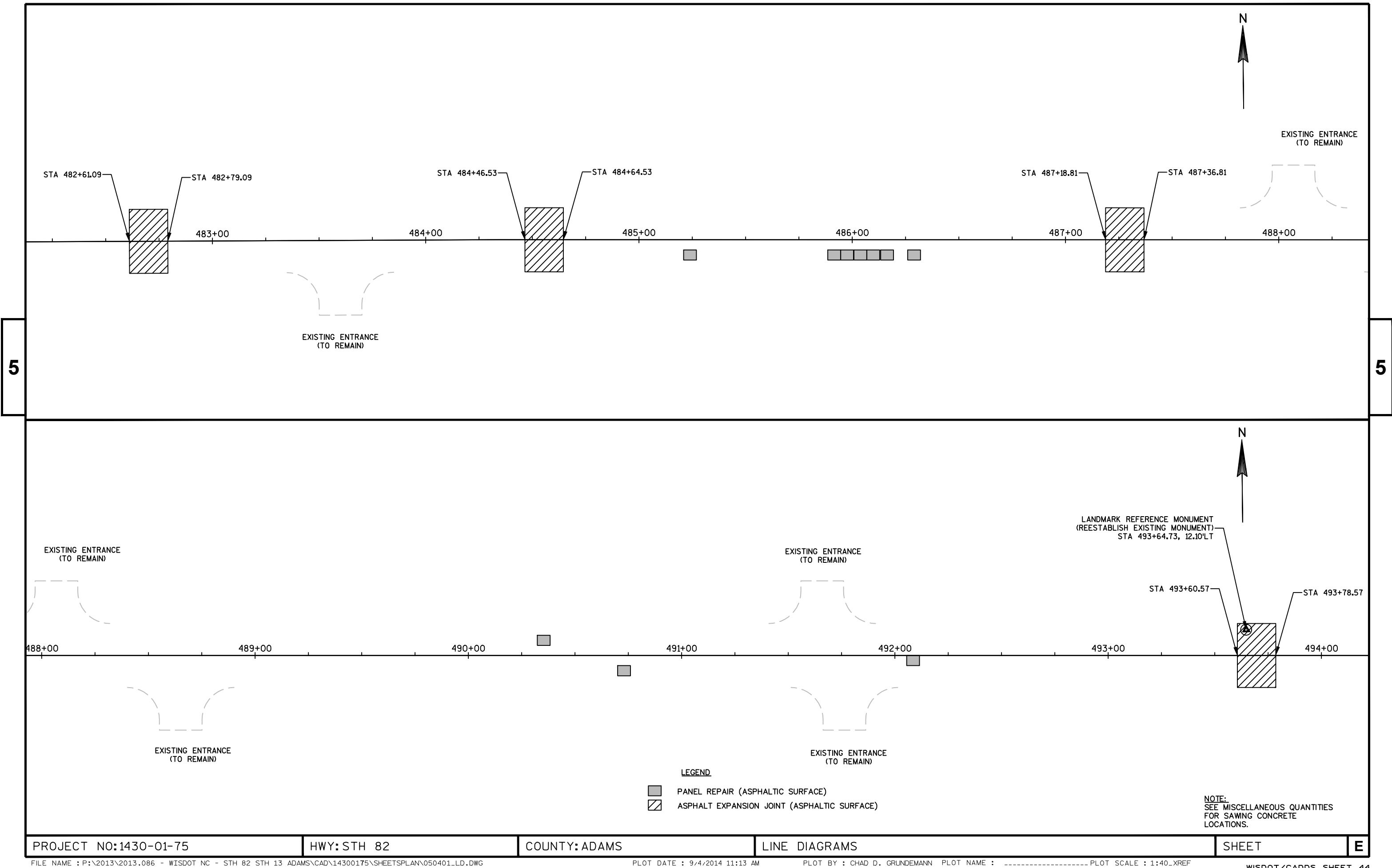


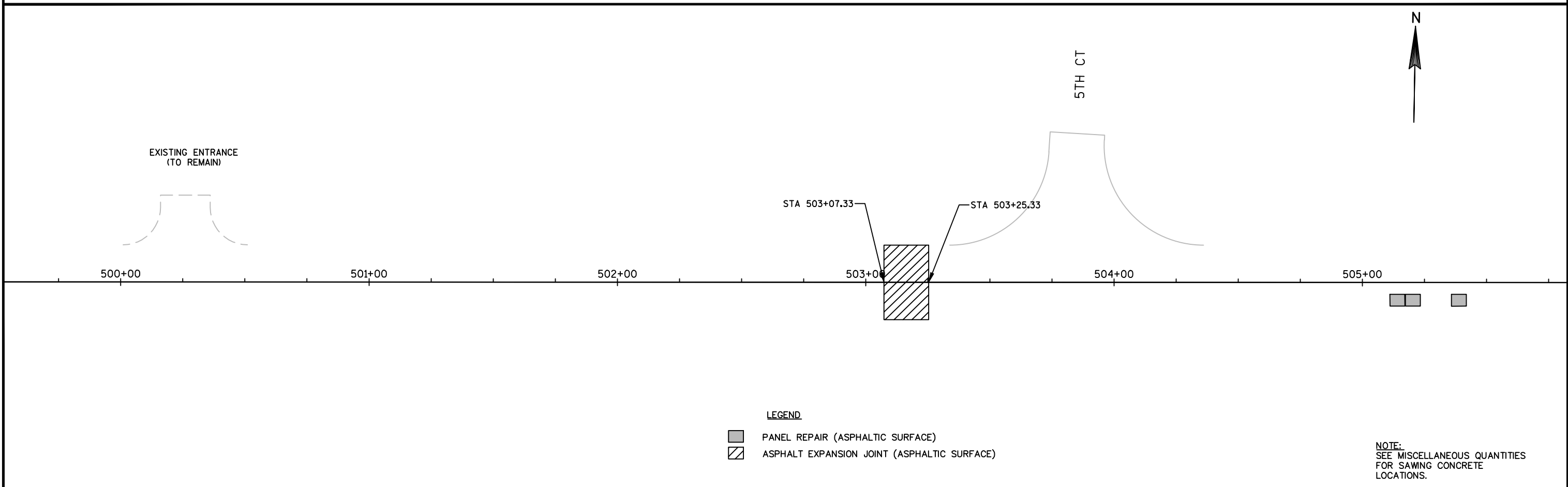
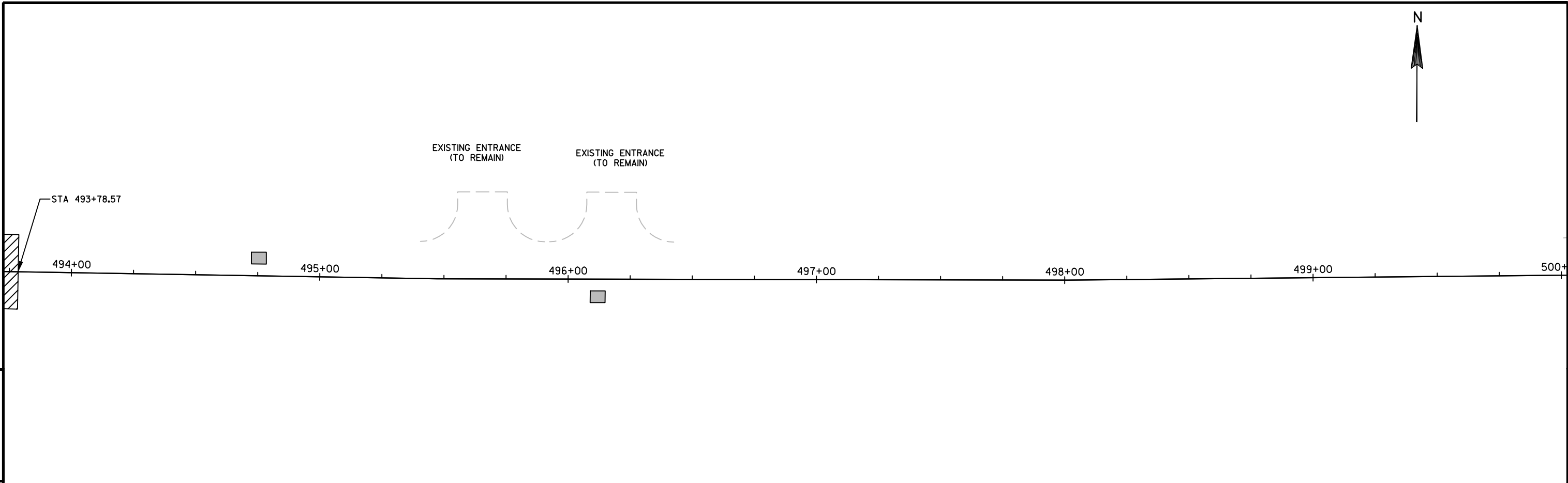




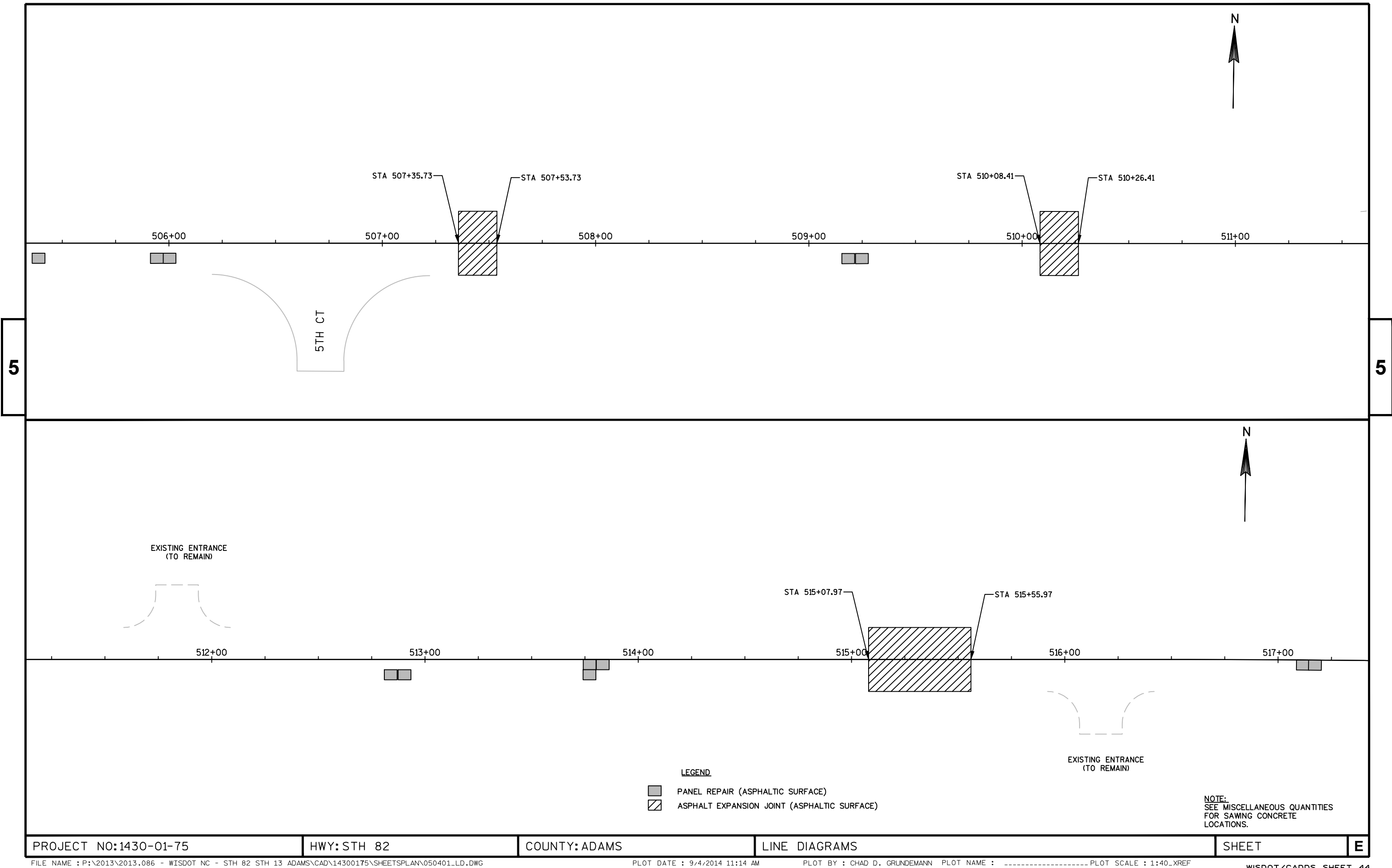


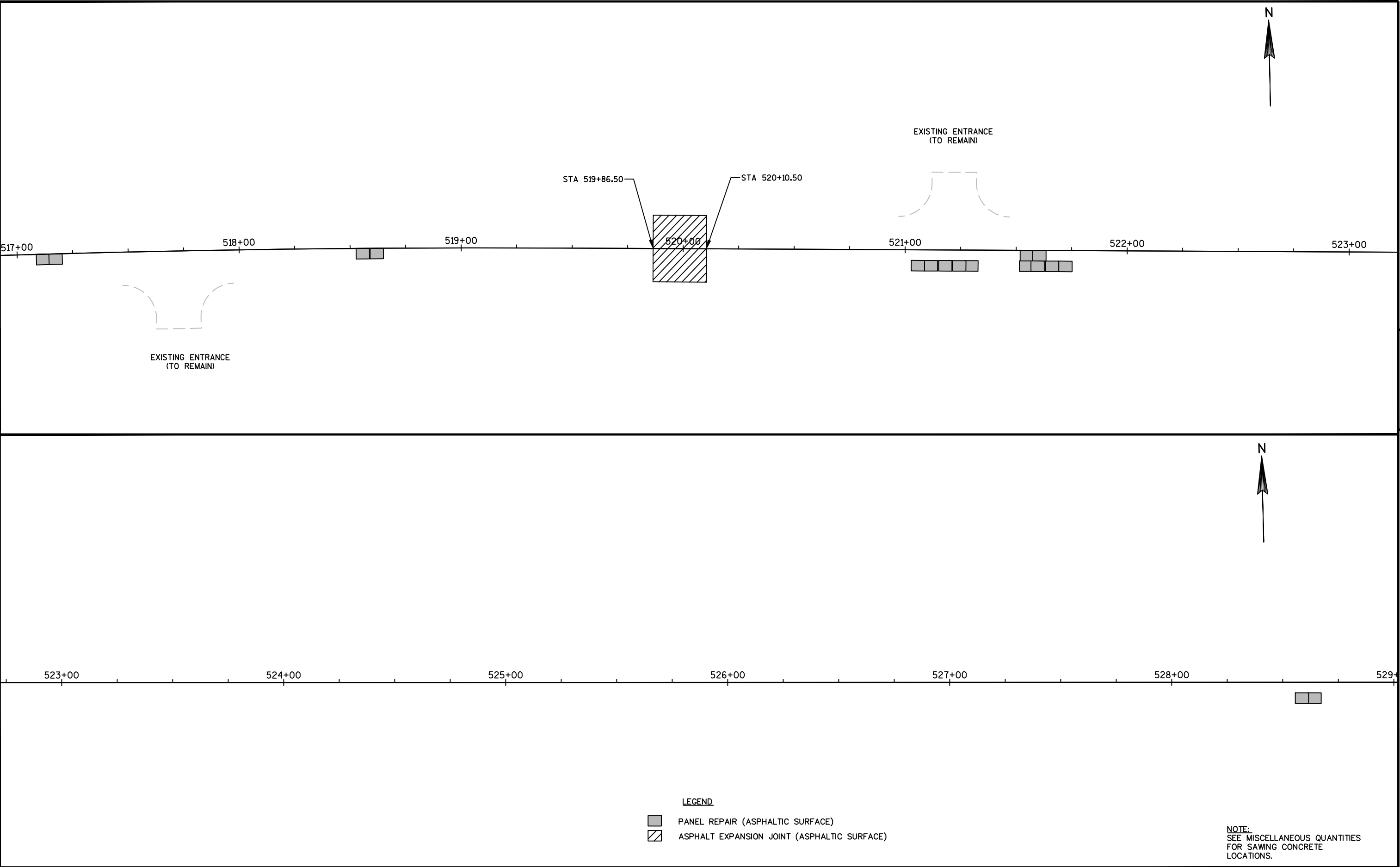






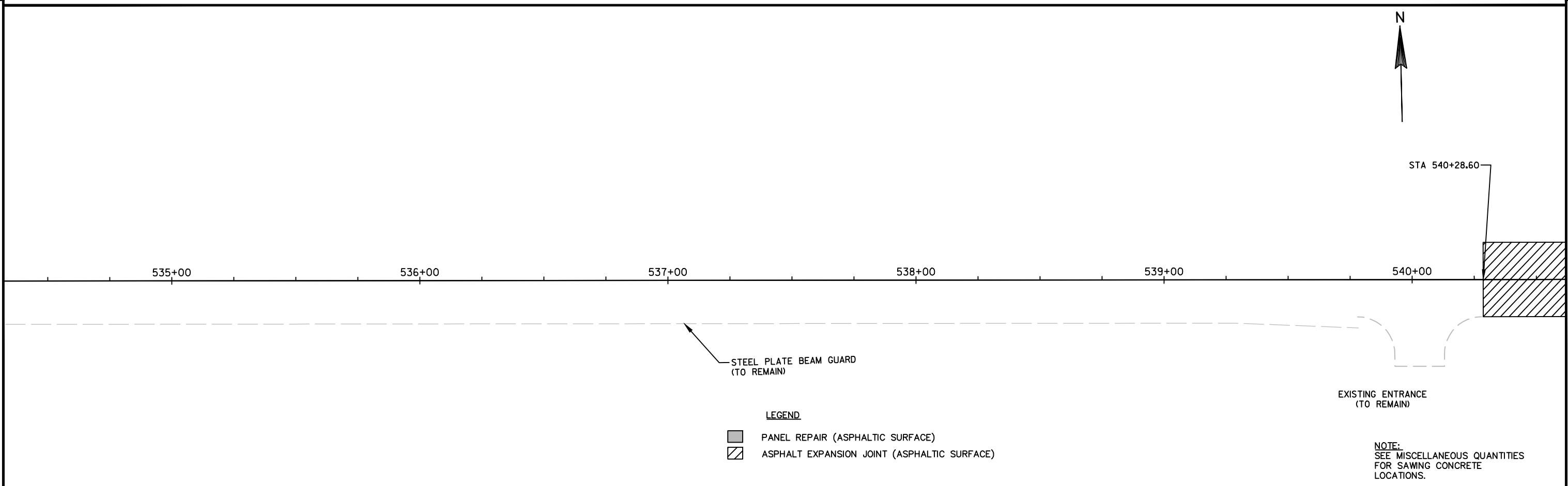
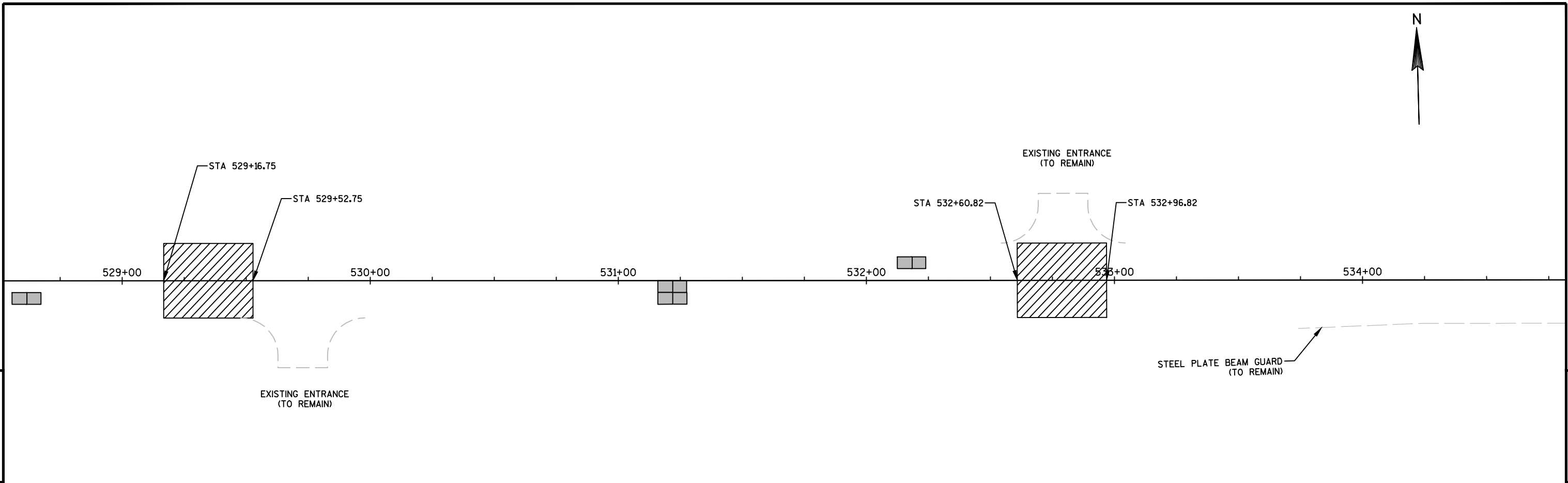
PROJECT NO:1430-01-75	HWY:STH 82	COUNTY:ADAMS	LINE DIAGRAMS	SHEET	E
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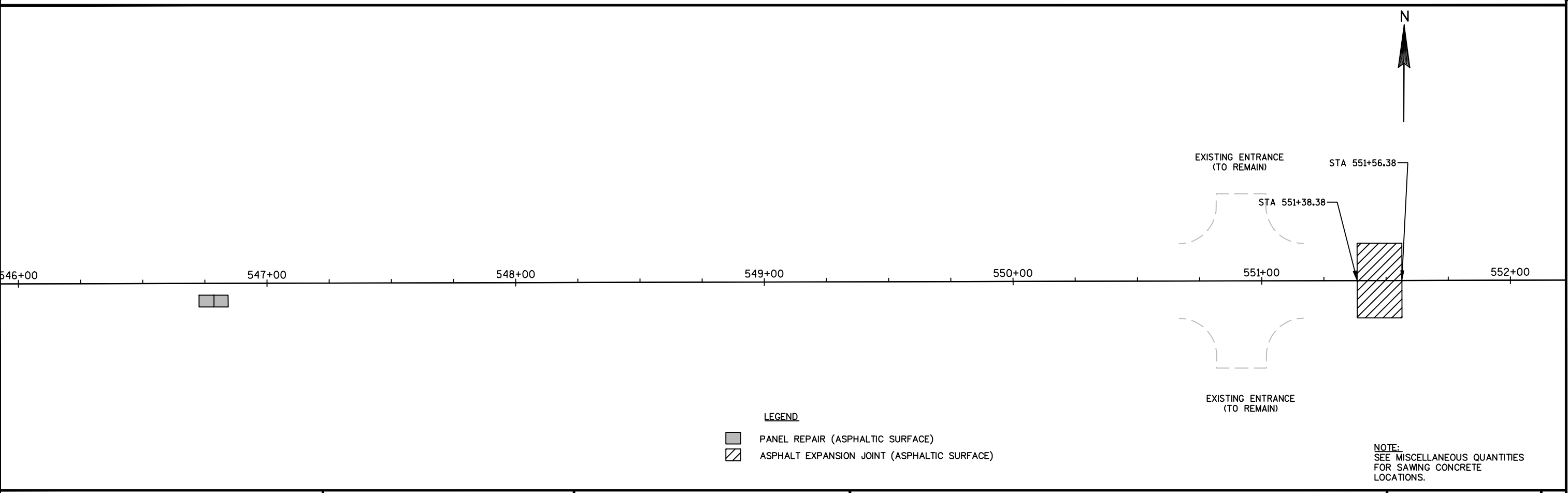
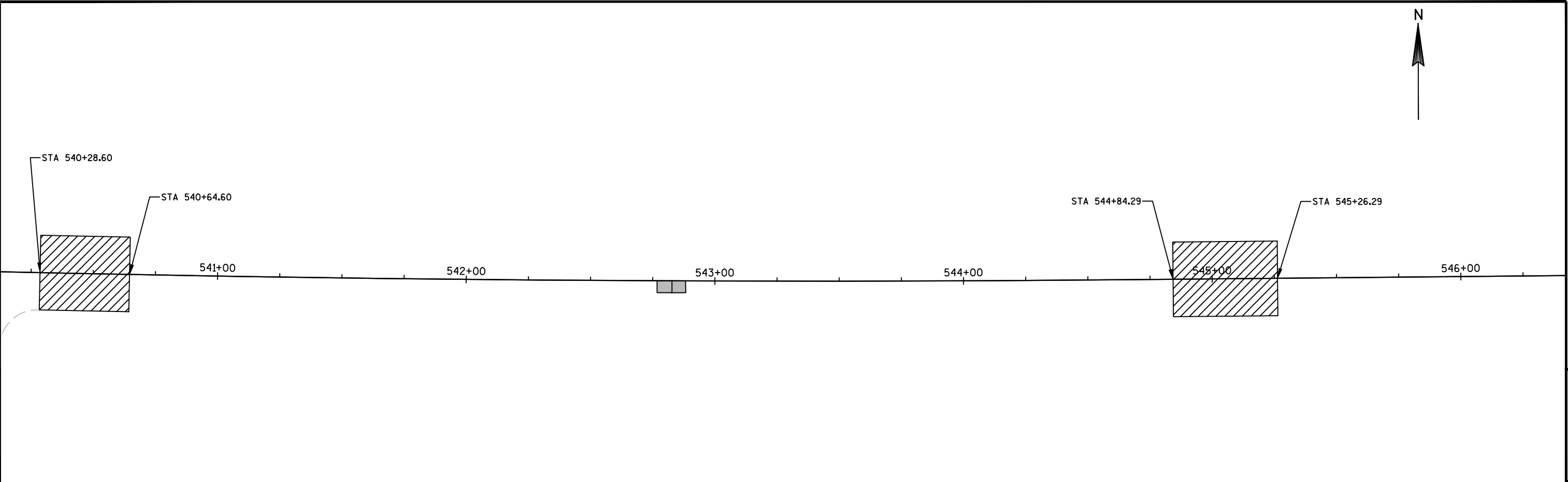


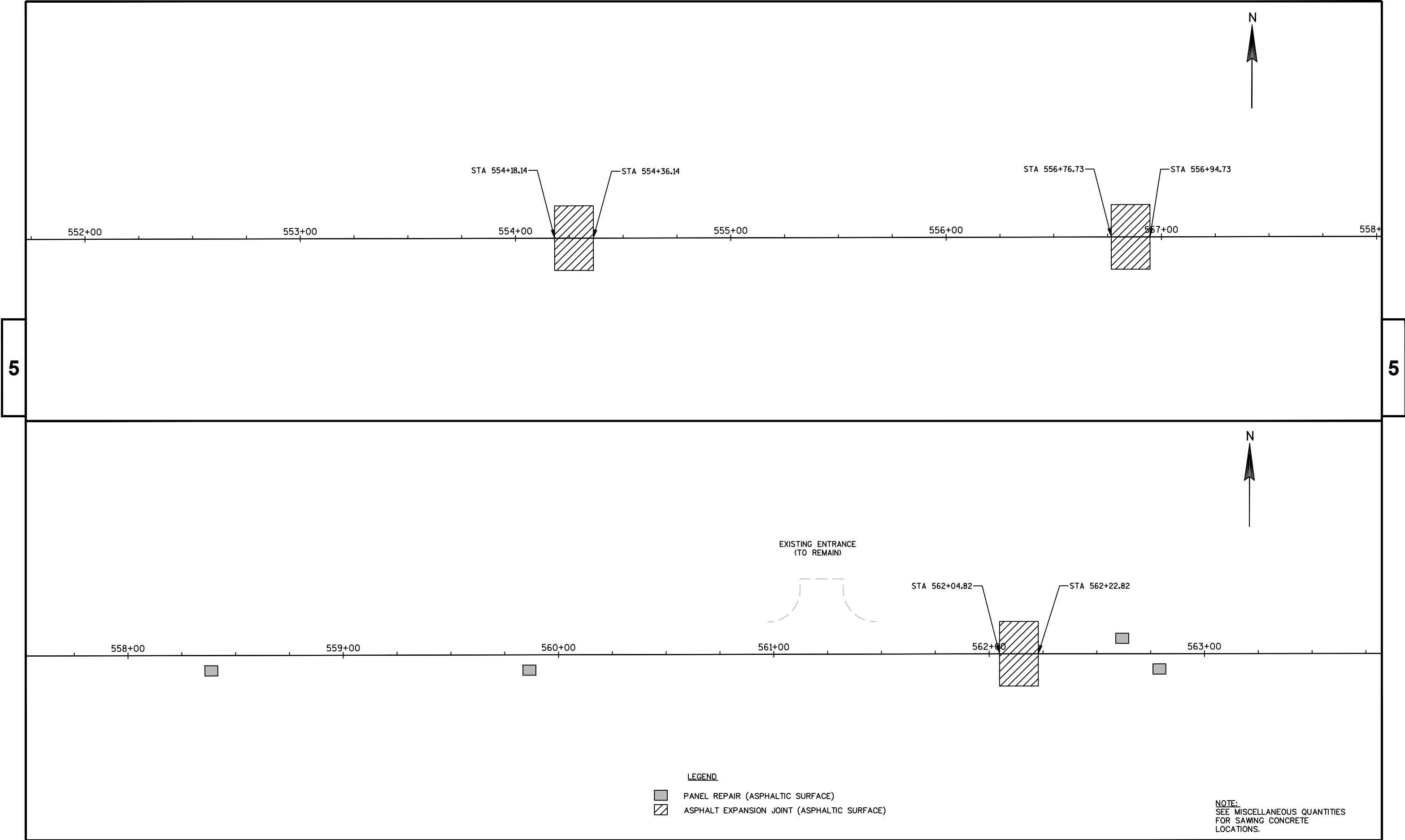


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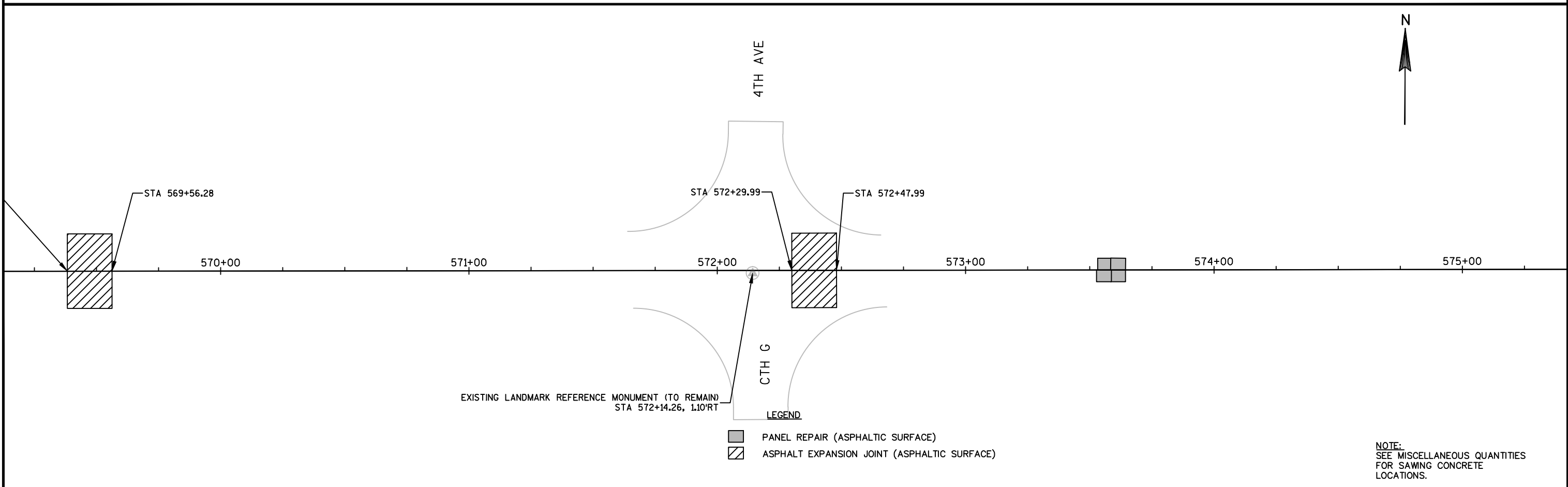
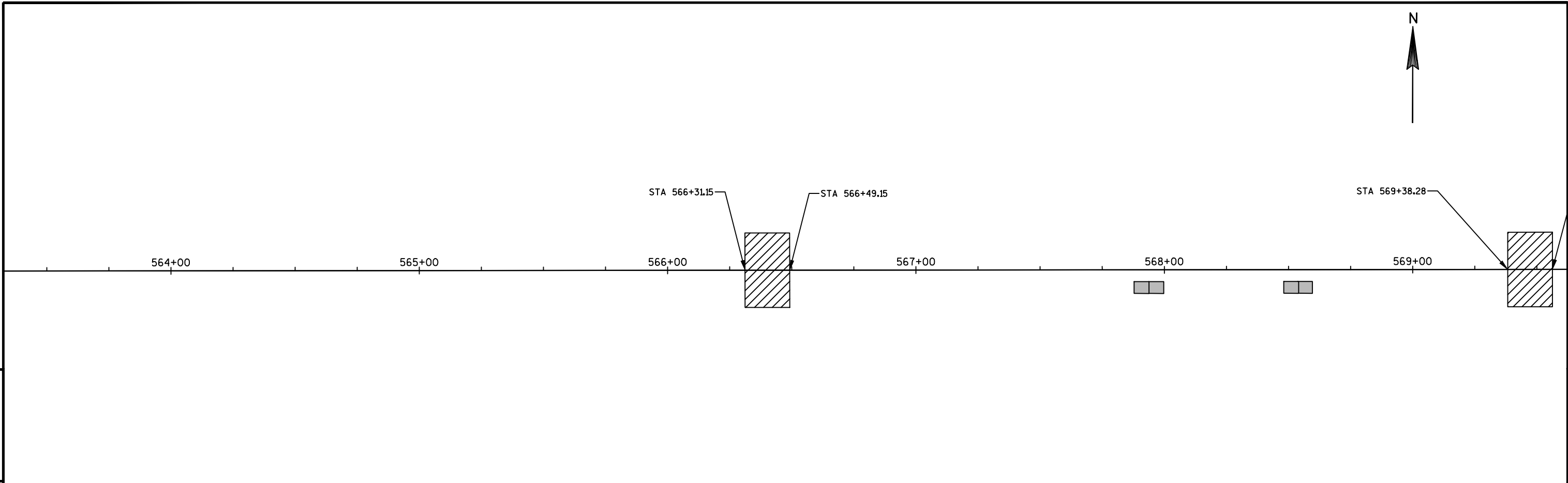


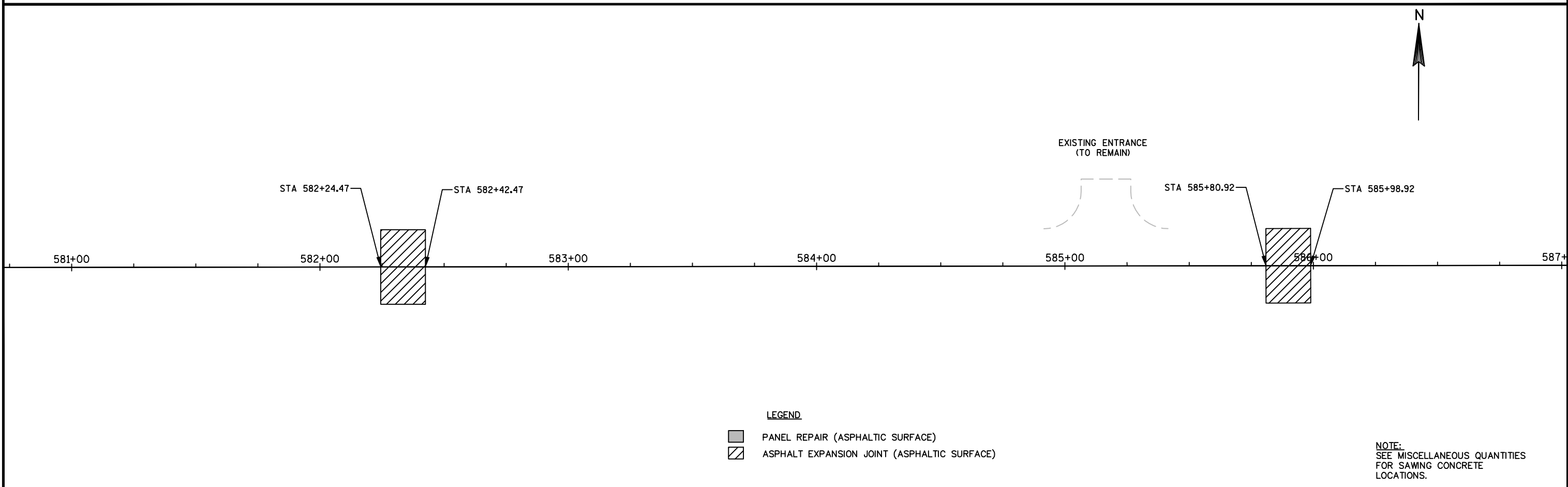
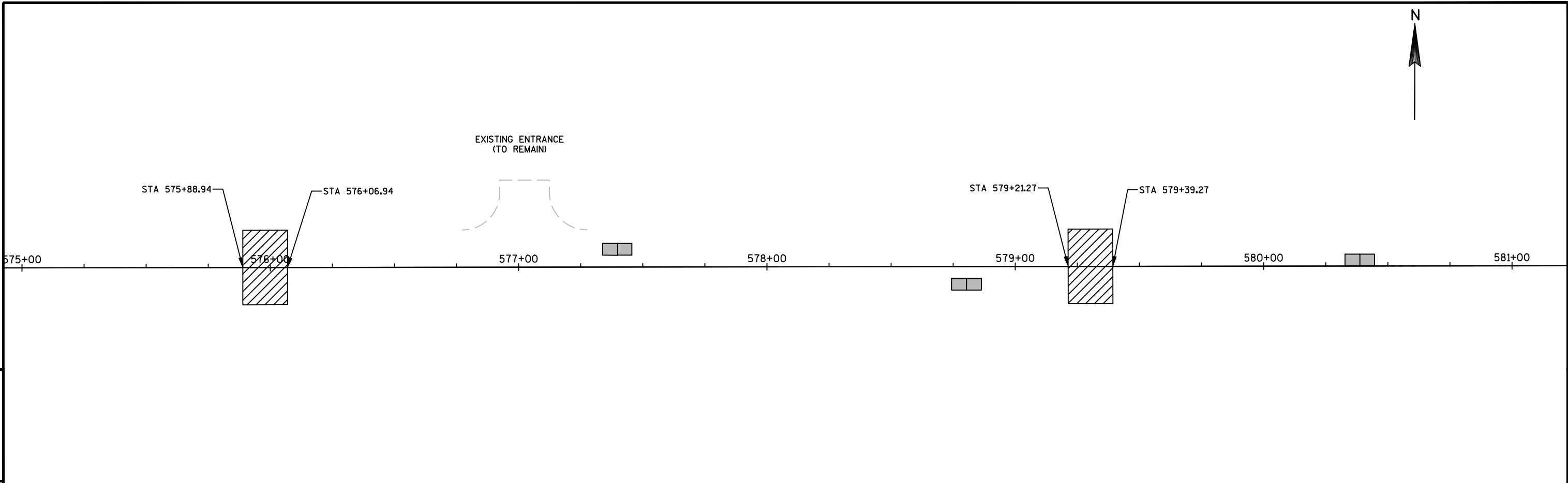




- LEGEND
-  PANEL REPAIR (ASPHALTIC SURFACE)
 -  ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.

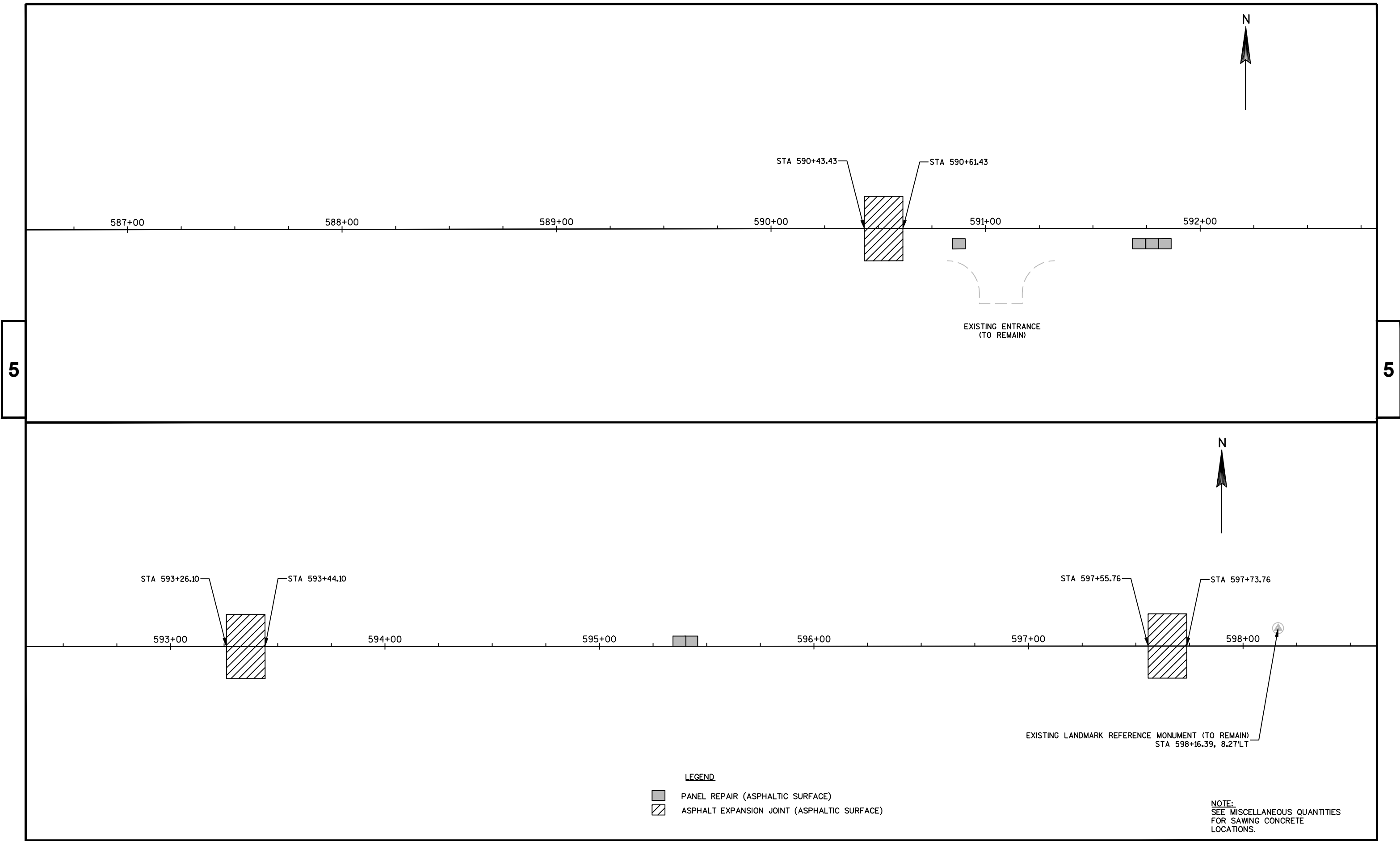




- LEGEND
-  PANEL REPAIR (ASPHALTIC SURFACE)
 -  ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.

PROJECT NO:1430-01-75	HWY:STH 82	COUNTY:ADAMS	LINE DIAGRAMS	SHEET	E
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PROJECT NO:1430-01-75

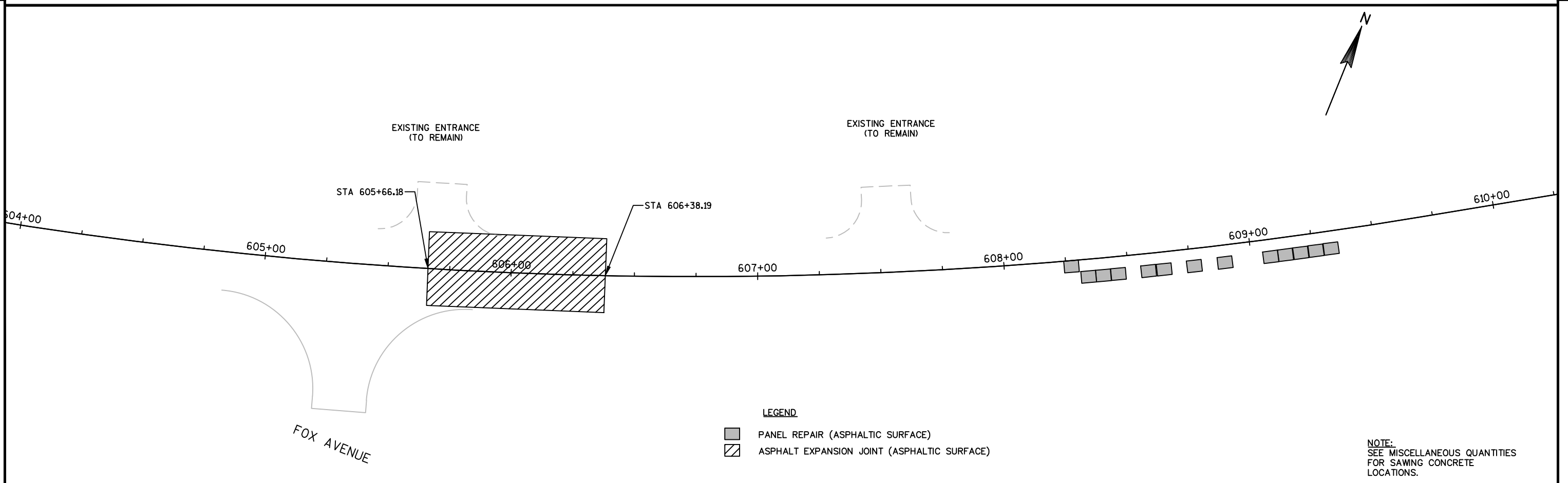
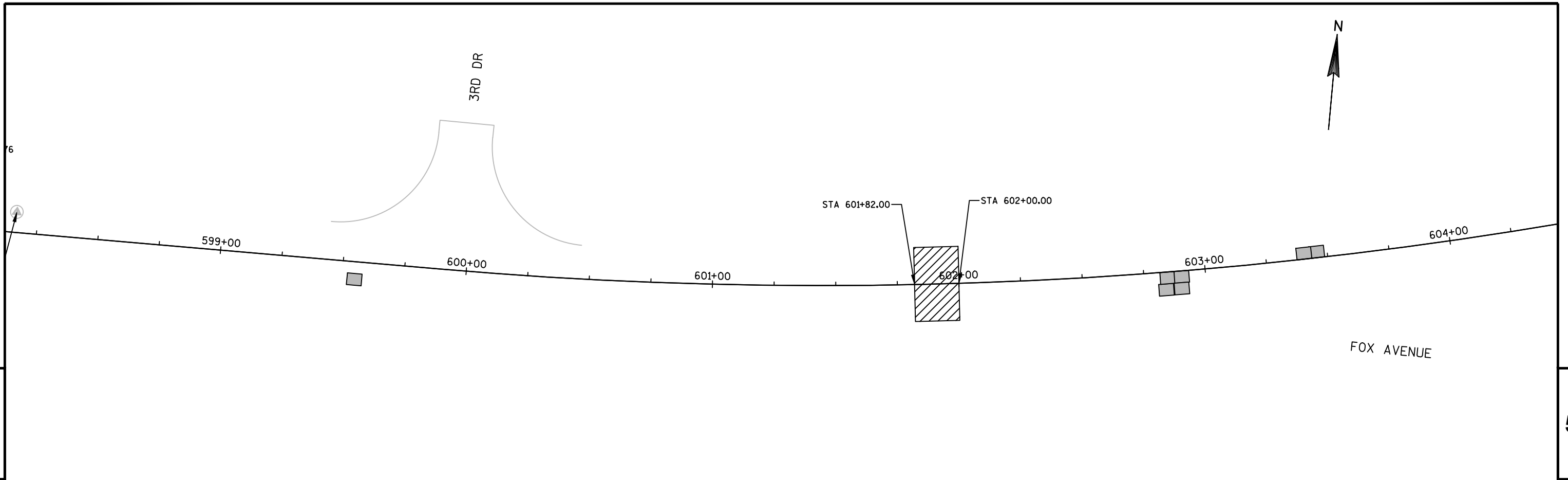
HWY:STH 82

COUNTY:ADAMS

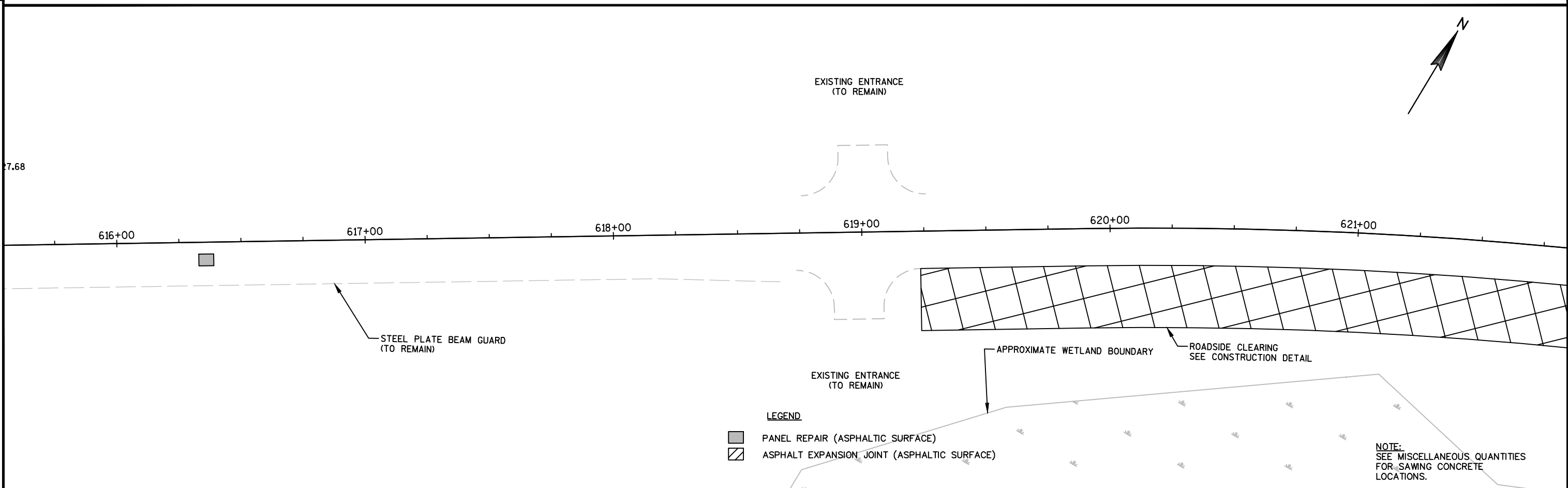
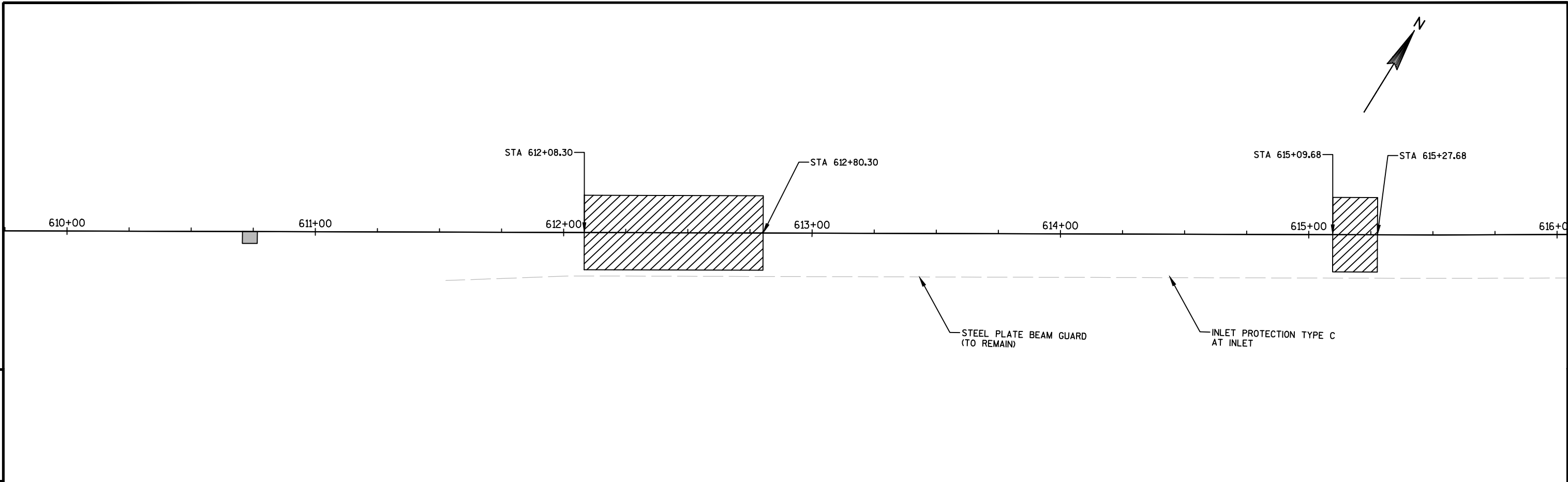
LINE DIAGRAMS

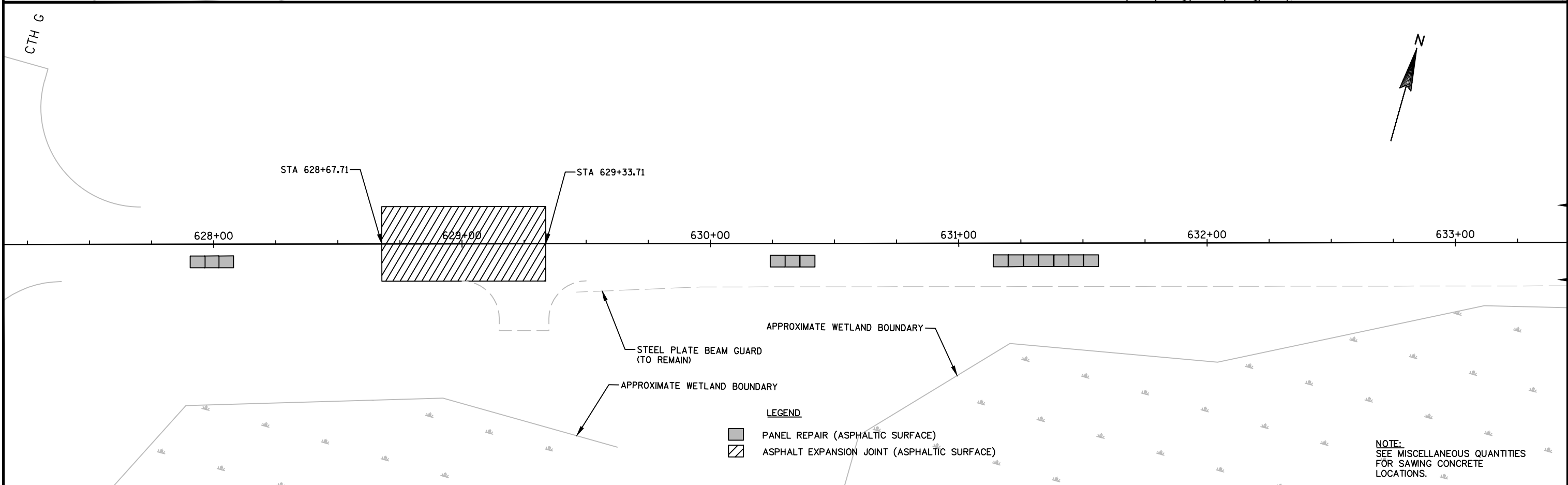
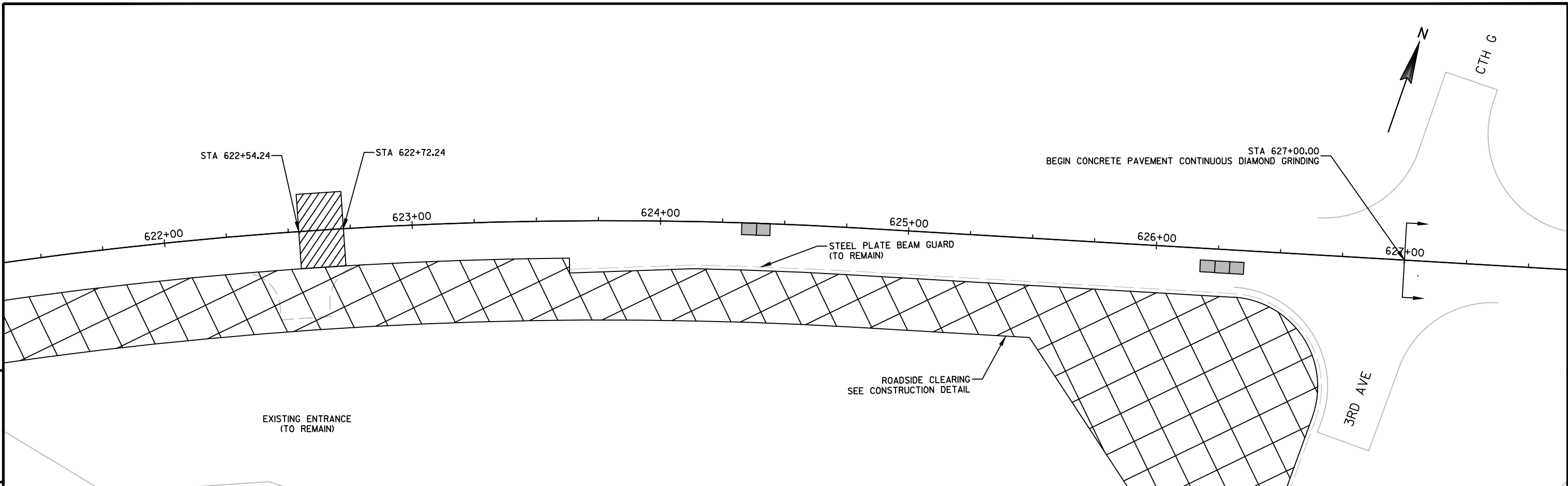
SHEET

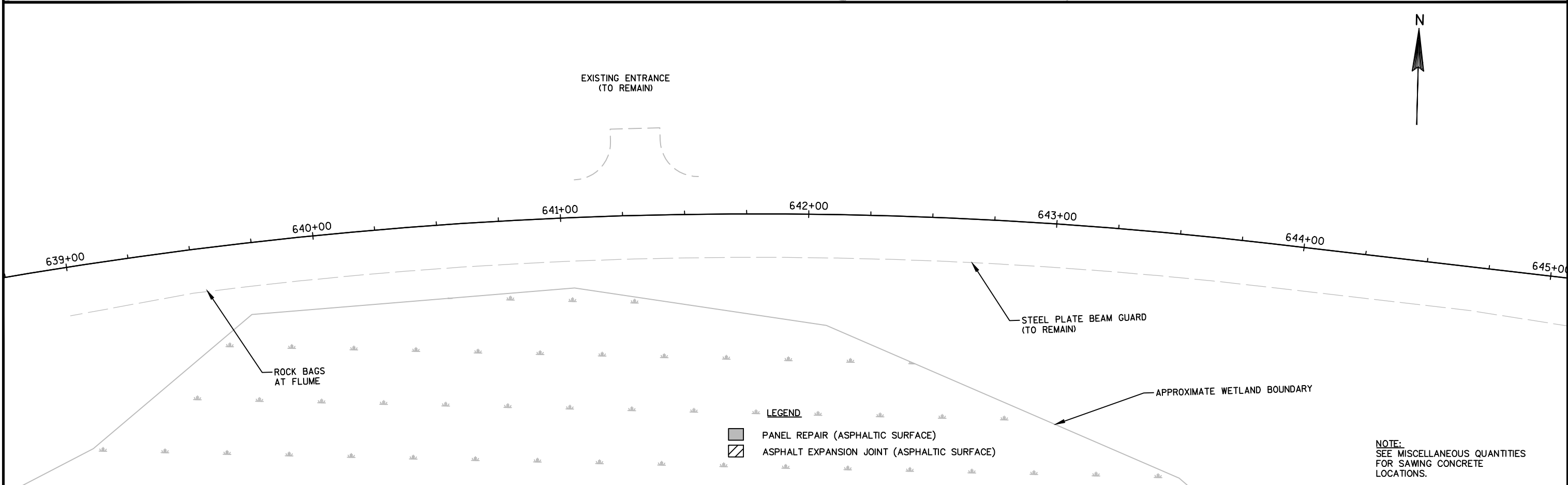
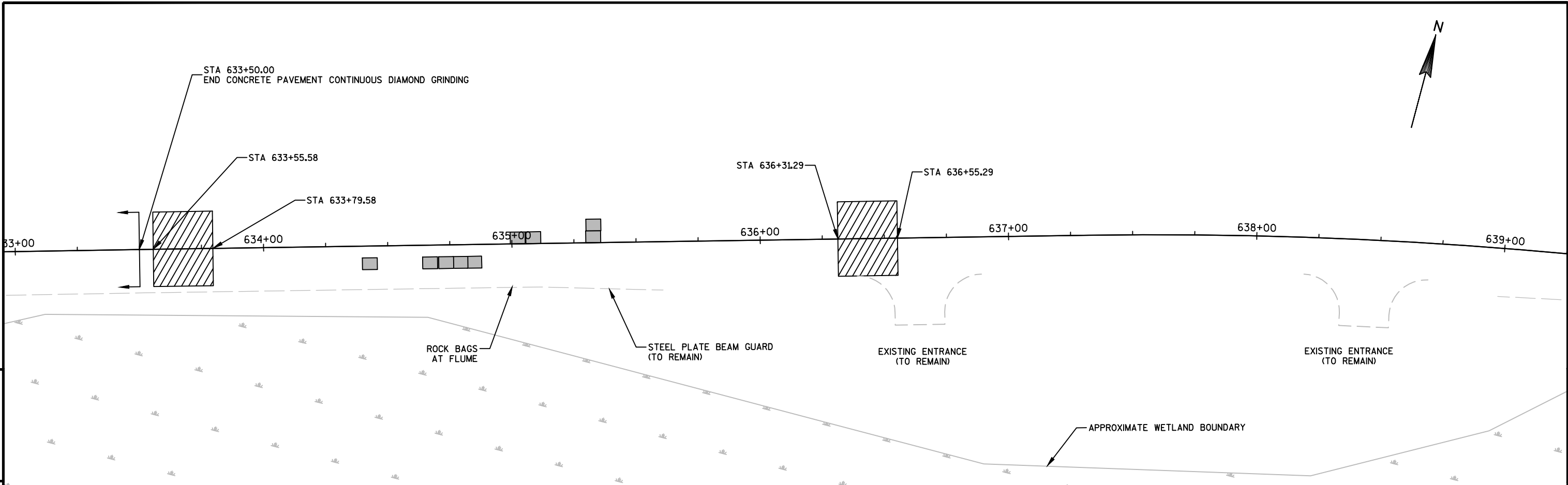
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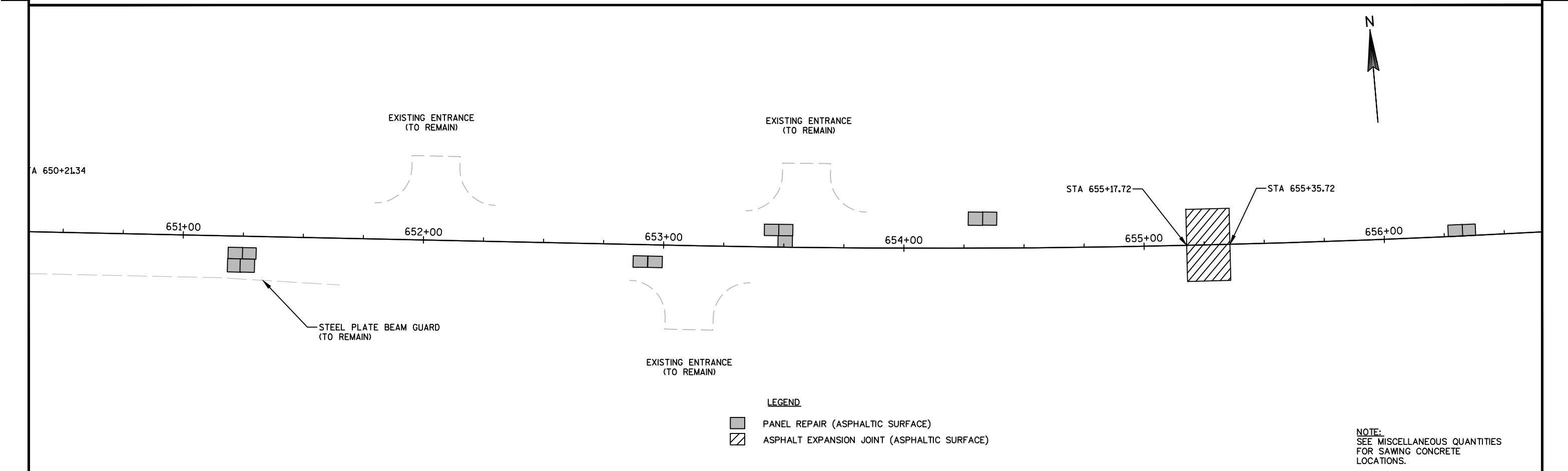
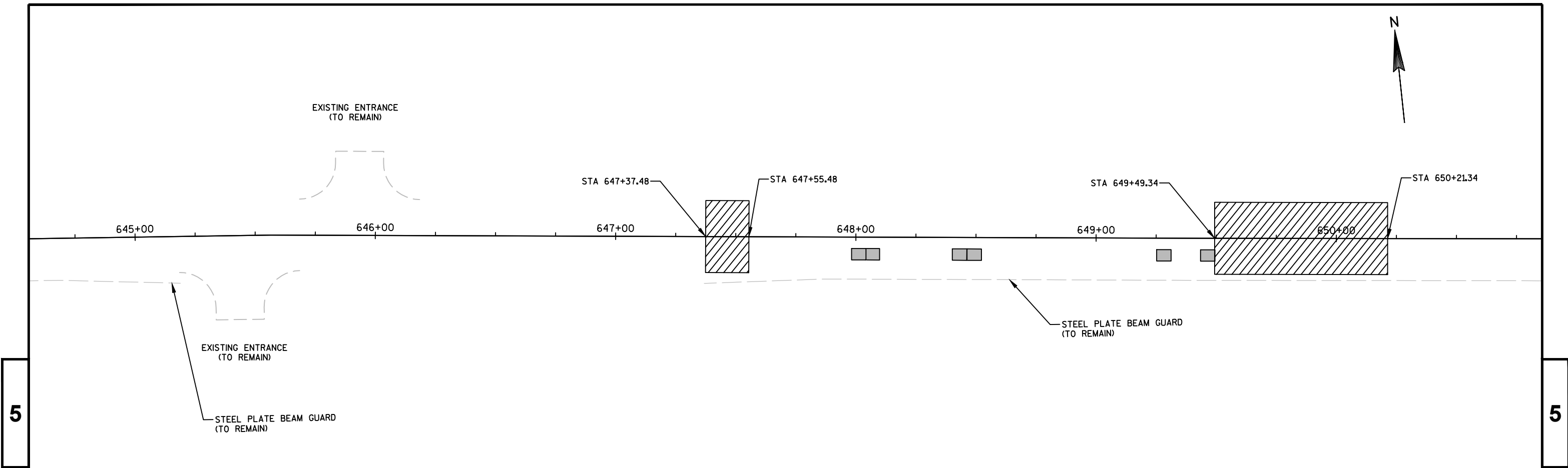


PROJECT NO:1430-01-75	HWY:STH 82	COUNTY:ADAMS	LINE DIAGRAMS	SHEET	E
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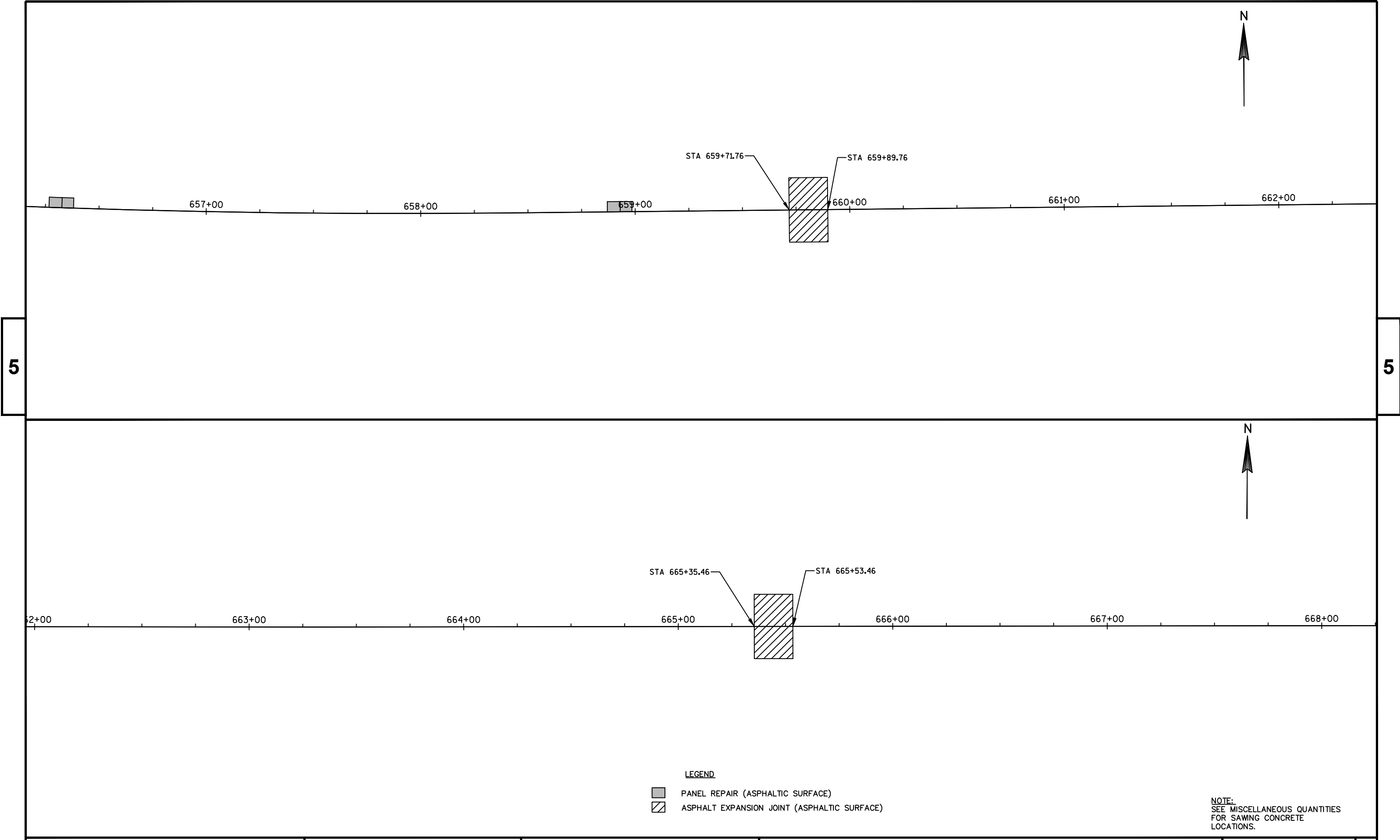






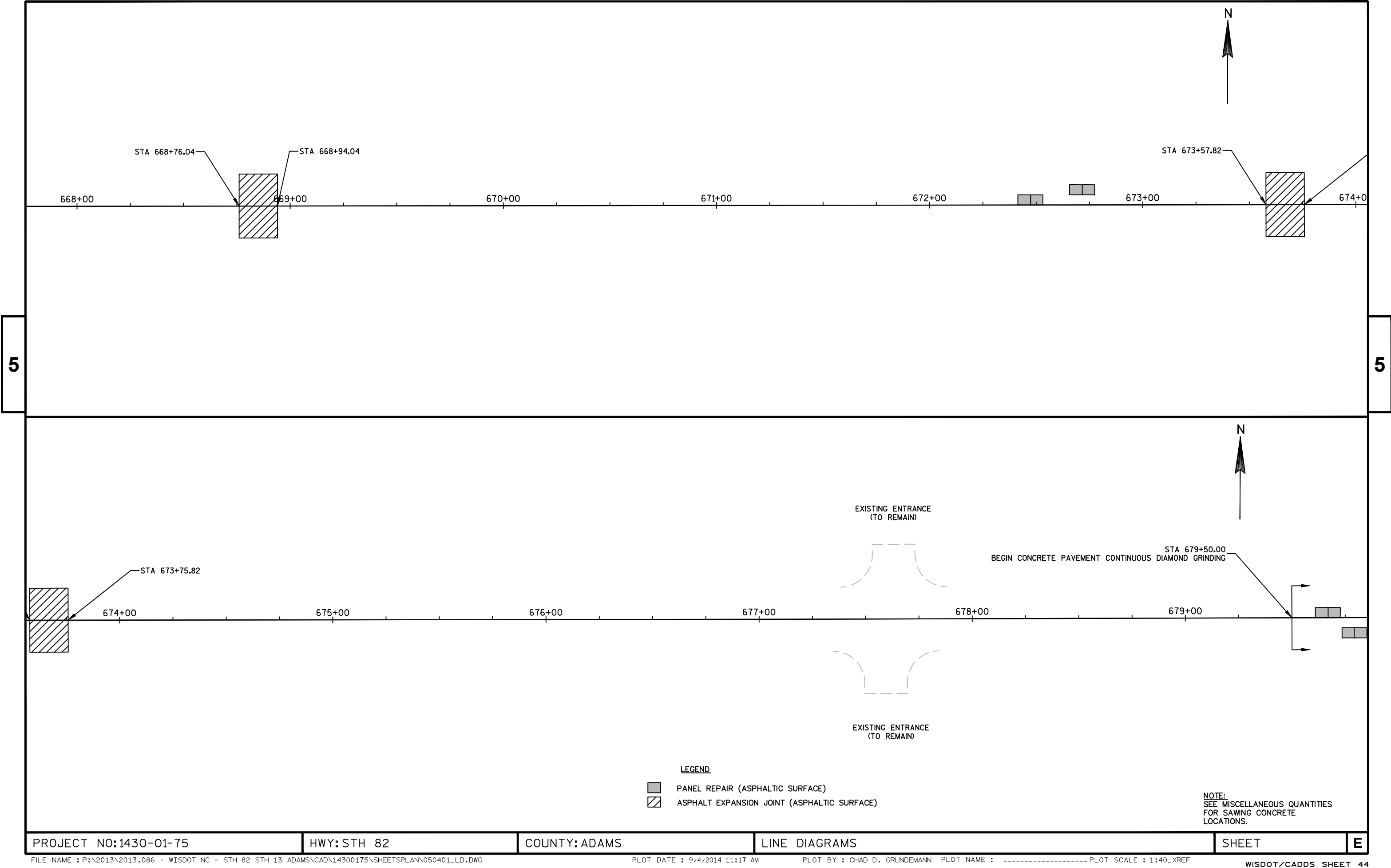
- LEGEND
- PANEL REPAIR (ASPHALTIC SURFACE)
 - ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.



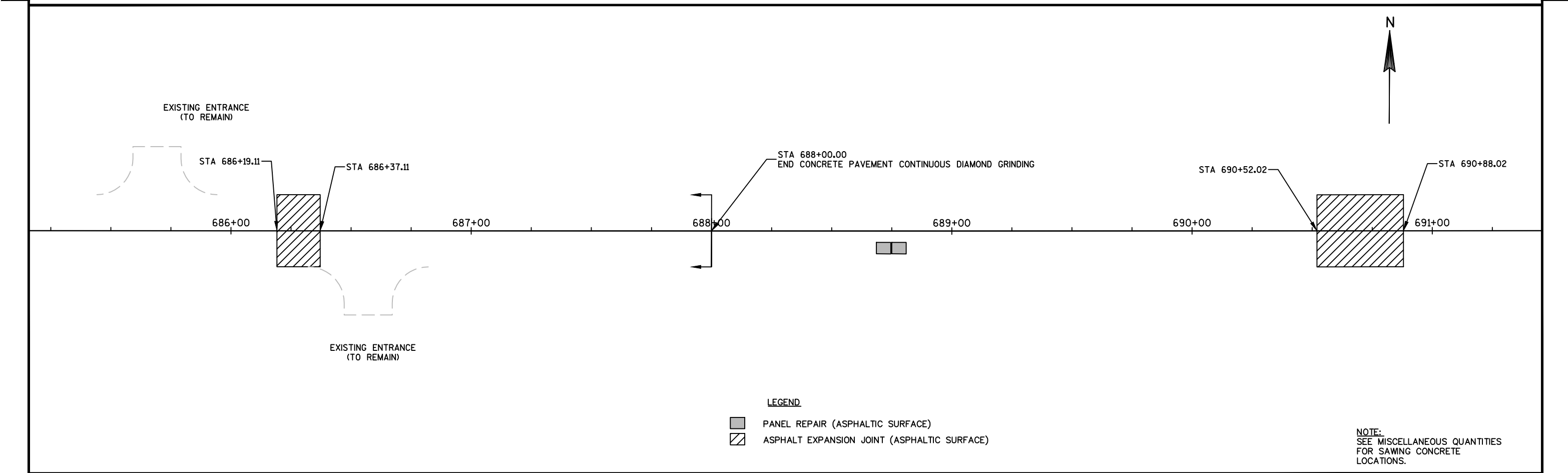
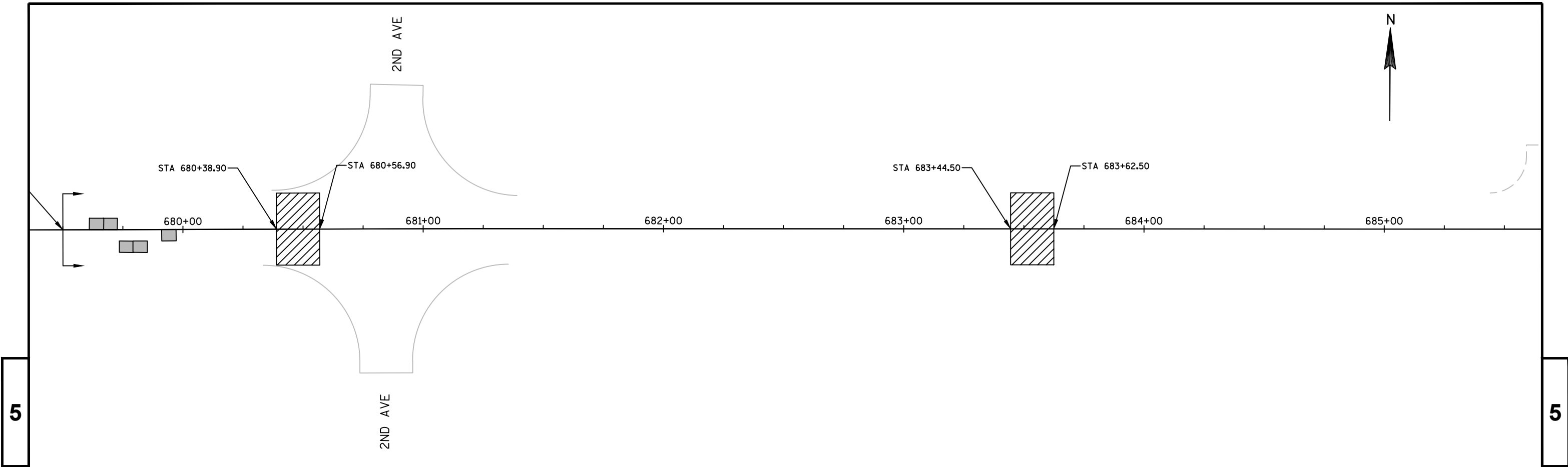
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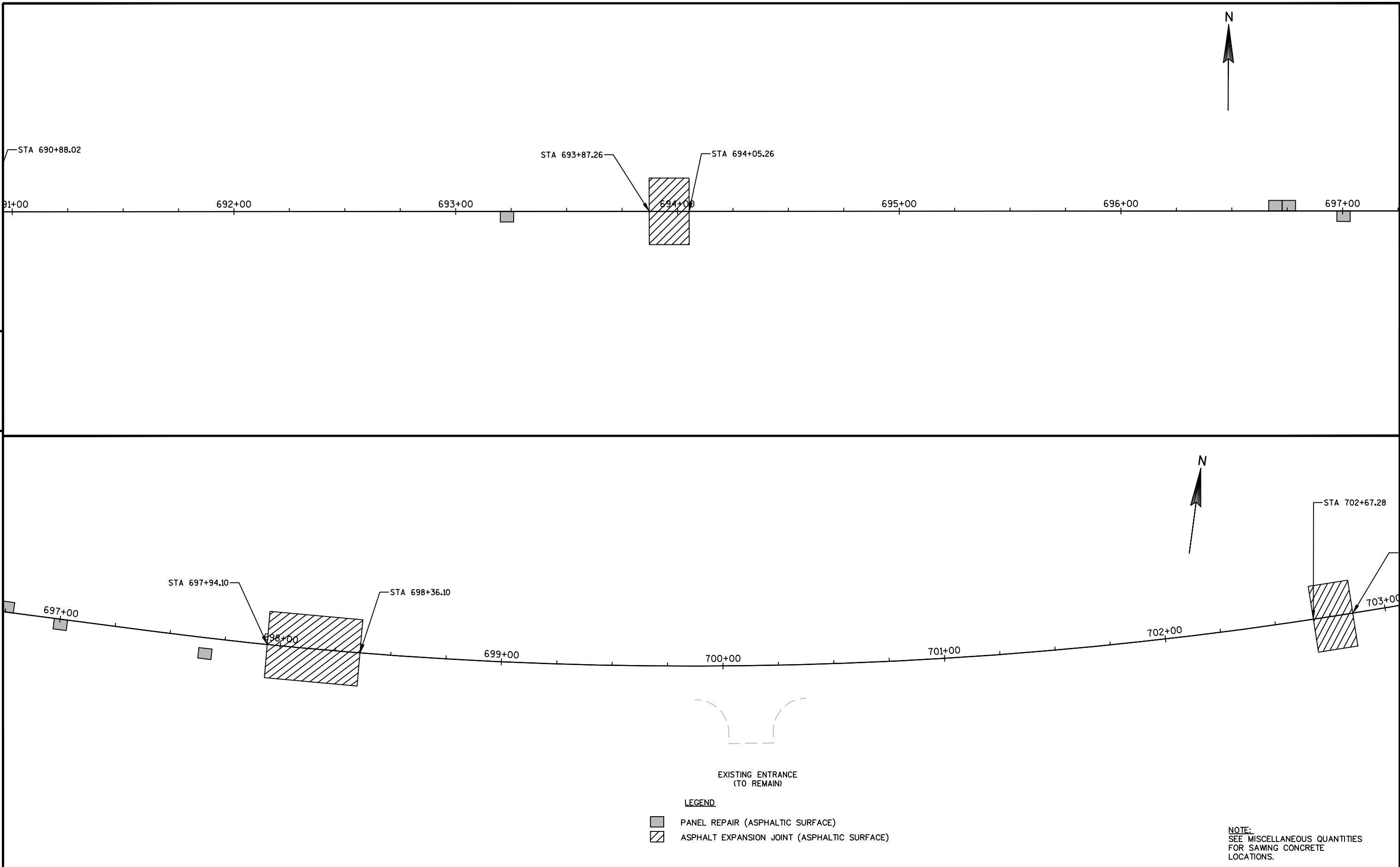
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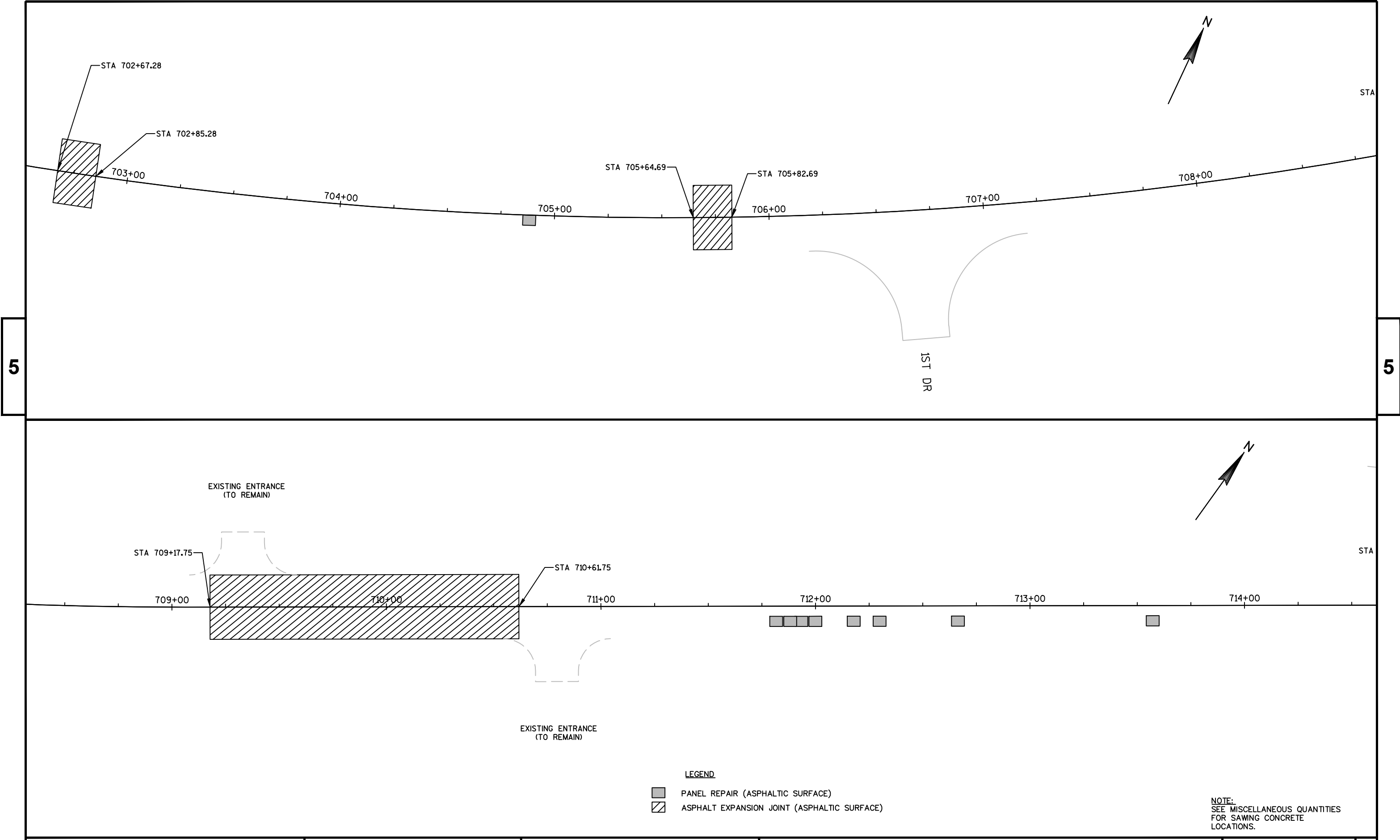


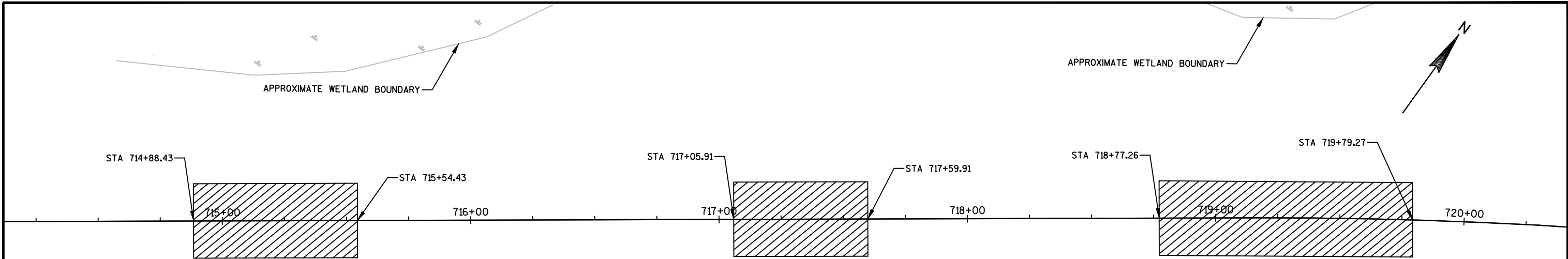
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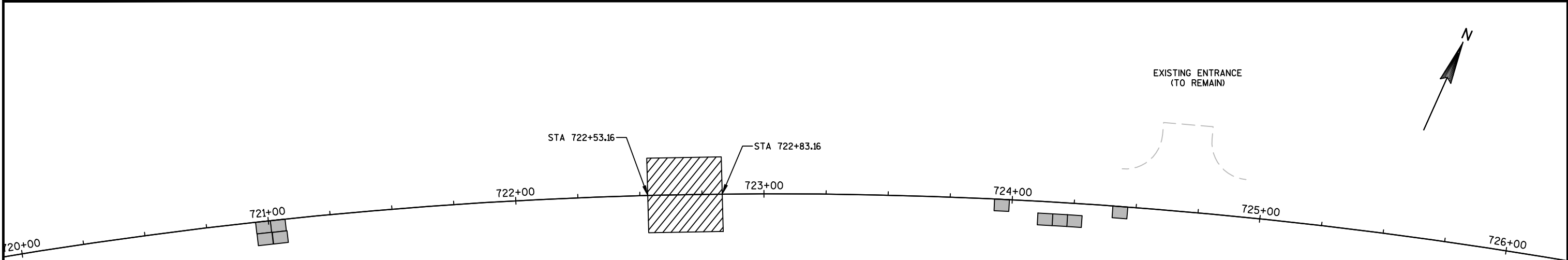






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5



LEGEND

- PANEL REPAIR (ASPHALTIC SURFACE)
- ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.

PROJECT NO:1430-01-75

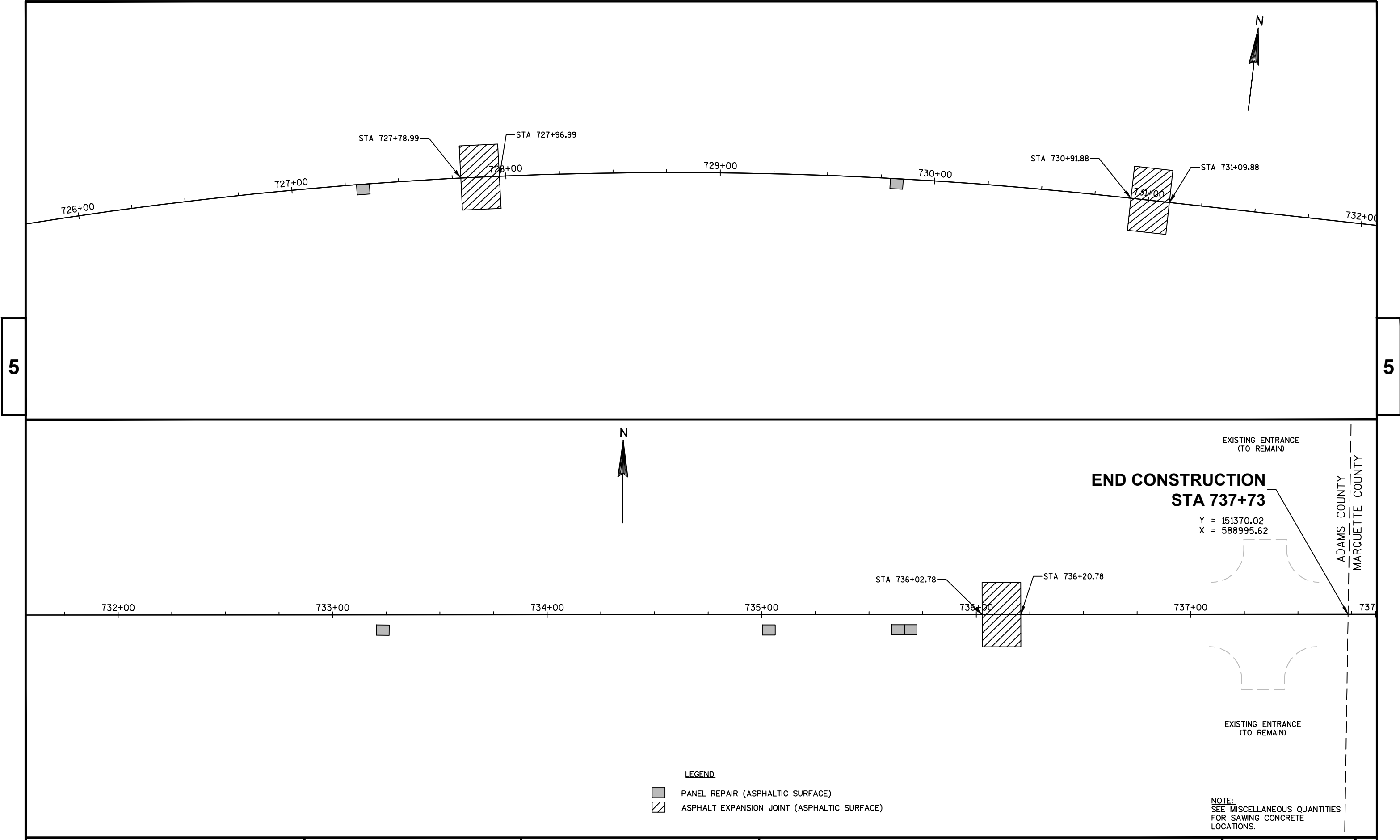
HWY:STH 82

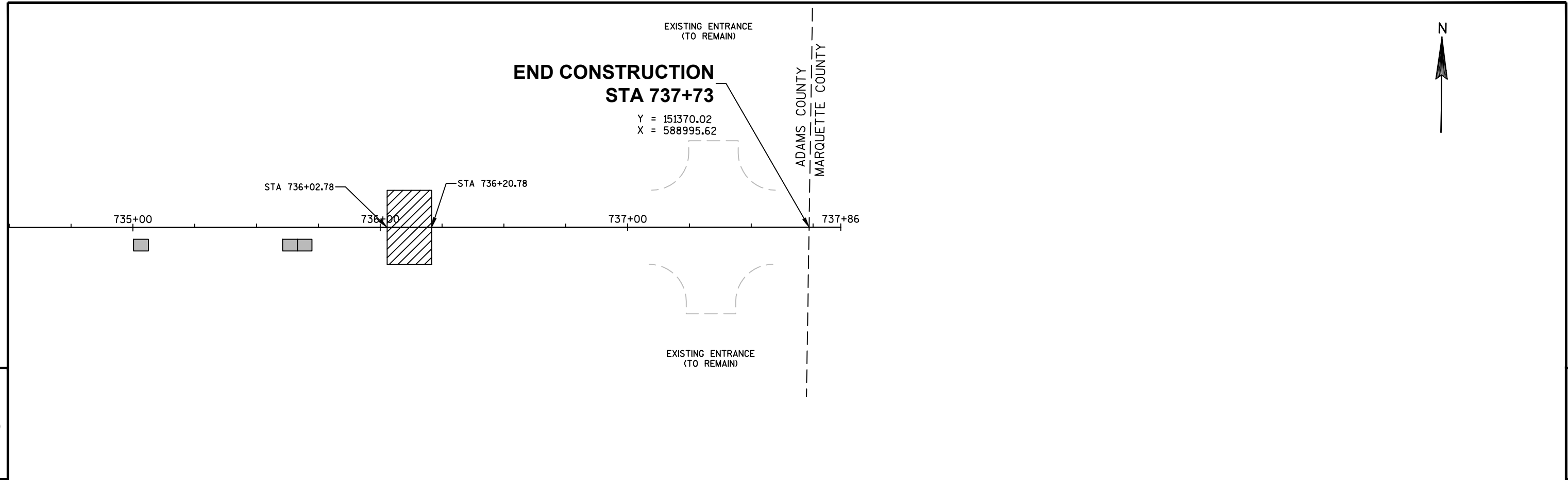
COUNTY:ADAMS

LINE DIAGRAMS

SHEET

E





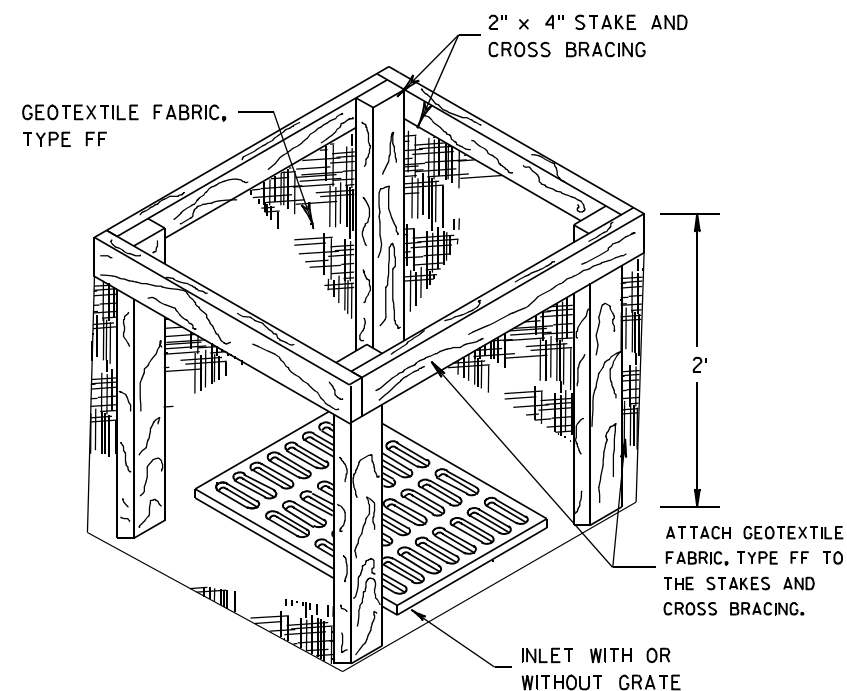
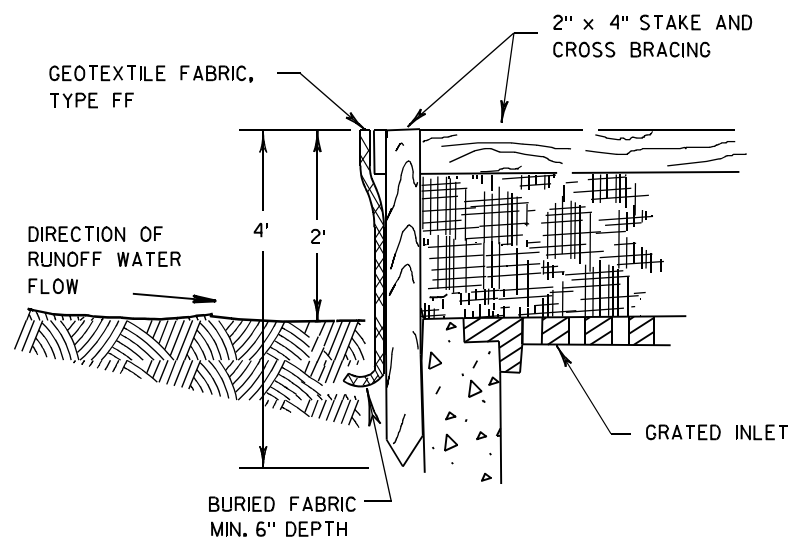
LEGEND

-  PANEL REPAIR (ASPHALTIC SURFACE)
-  ASPHALT EXPANSION JOINT (ASPHALTIC SURFACE)

NOTE:
SEE MISCELLANEOUS QUANTITIES
FOR SAWING CONCRETE
LOCATIONS.

Standard Detail Drawing List

08E10-02	INLET PROTECTION TYPE A, B, C AND D
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16B	PAVEMENT MARKING (INTERSECTIONS)
15C08-16C	PAVEMENT MARKING (CLIMBING LANE & PASSING LANE)
15C08-16D	PAVEMENT MARKING (CLIMBING LANE & PASSING LANE)
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C19-02A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
16A01-06	LANDMARK REFERENCE MONUMENTS AND COVERS



INLET PROTECTION, TYPE A

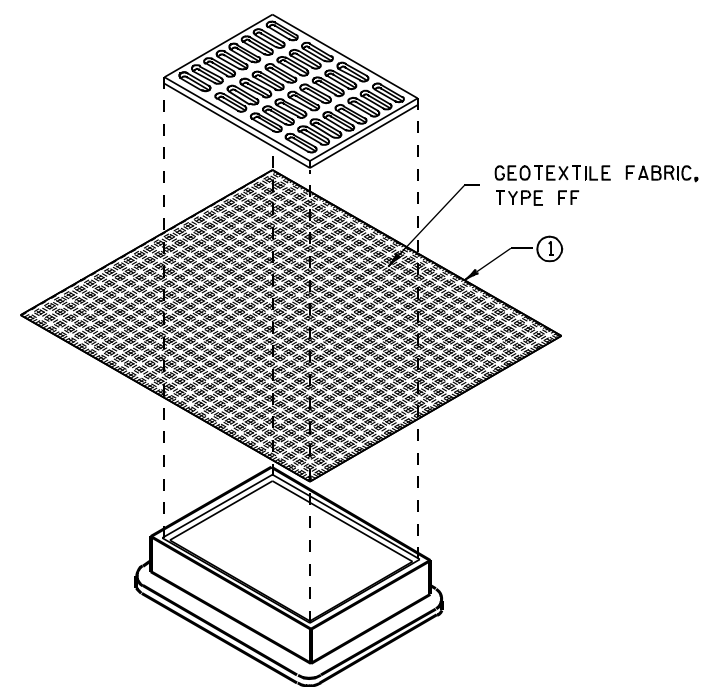
GENERAL NOTES

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.

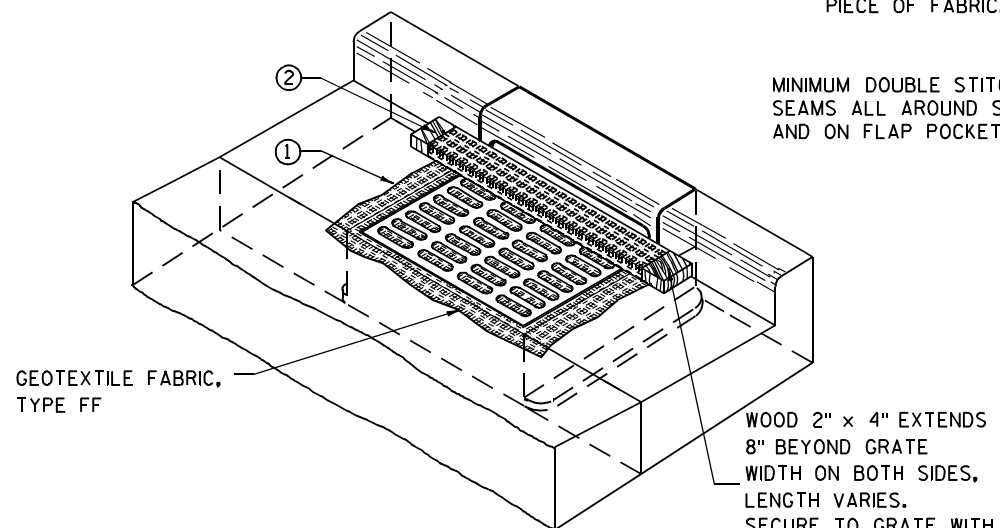
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- 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.



**INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)**

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



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES

TYPE B & C

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

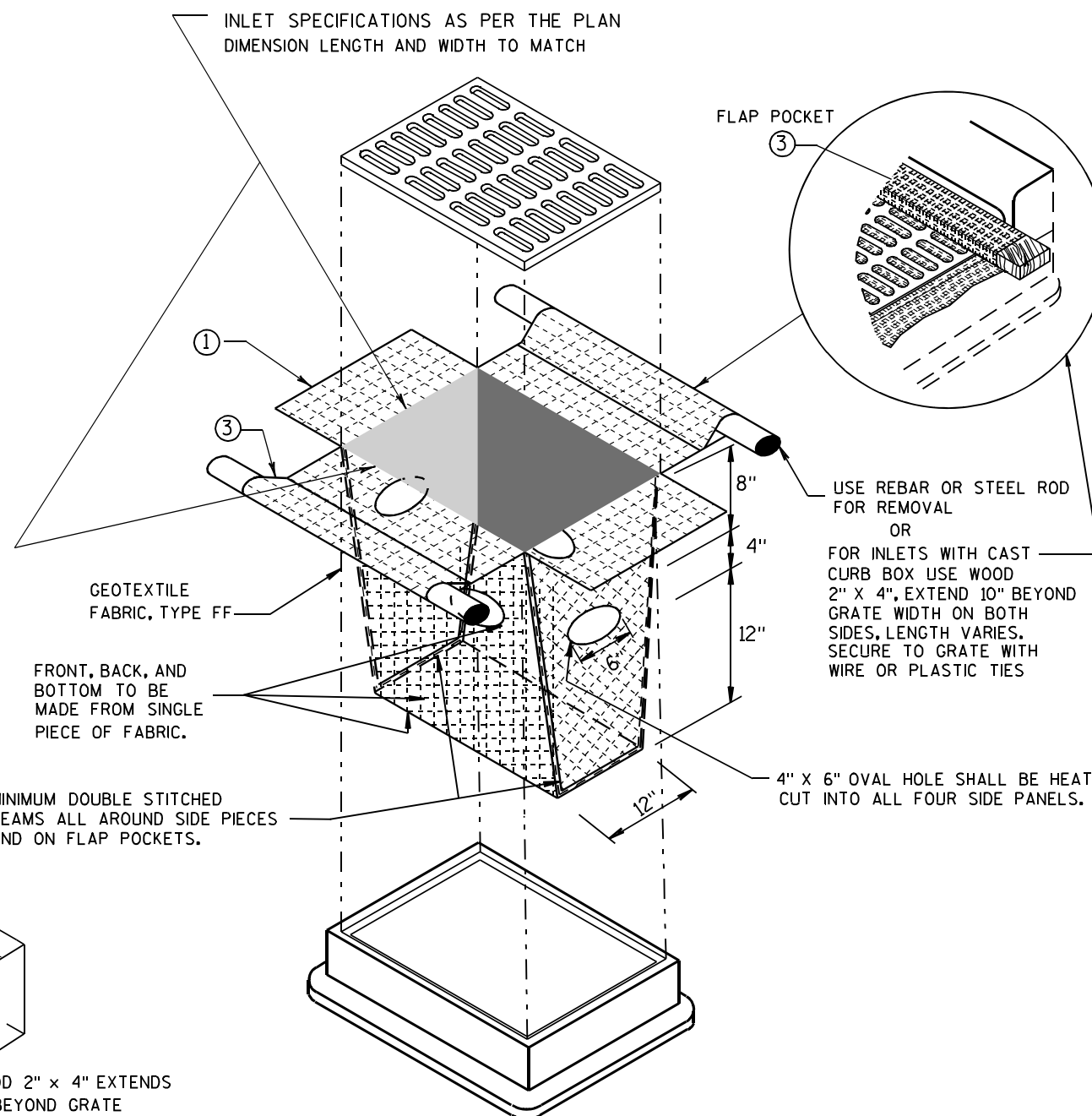
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

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.



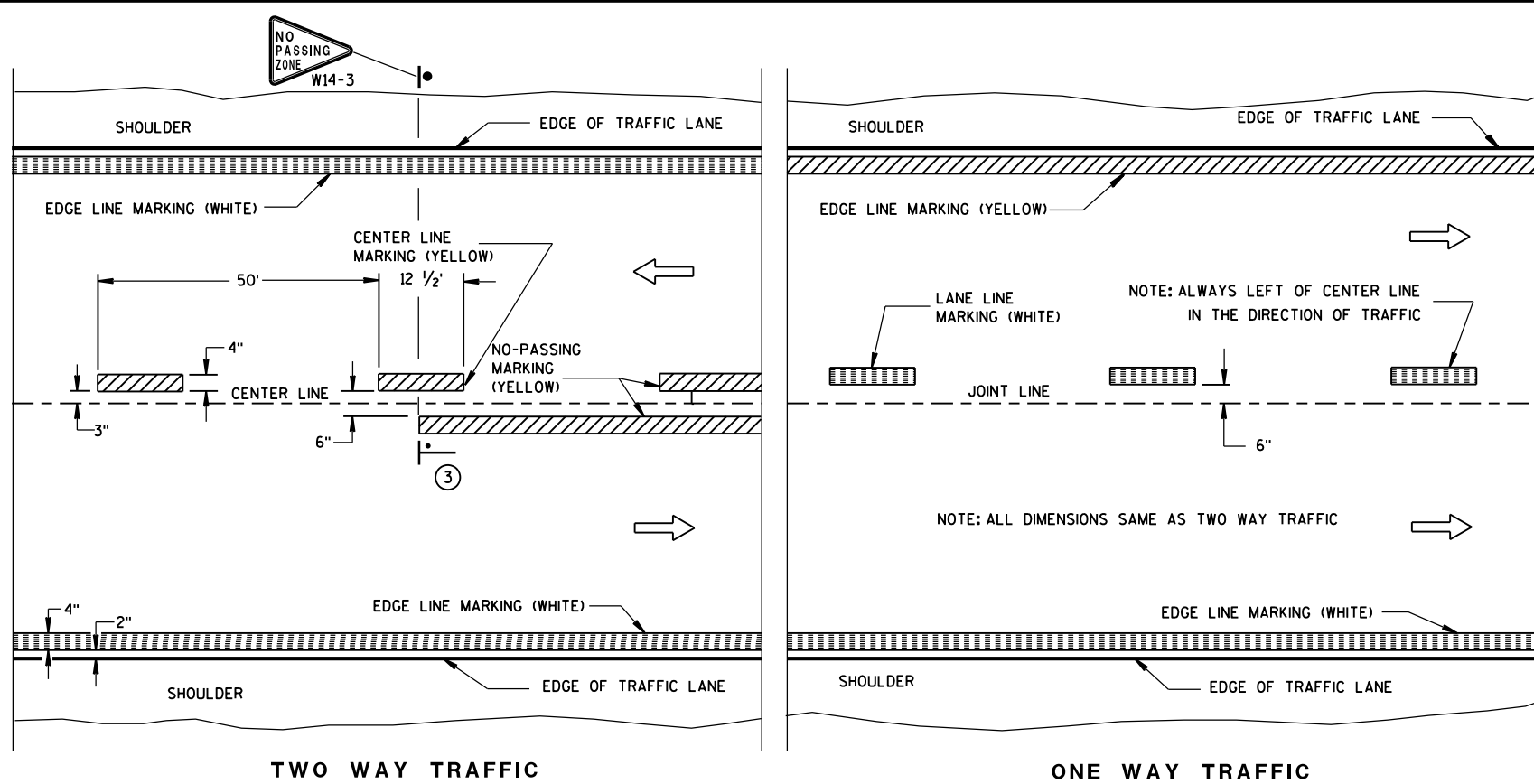
INLET PROTECTION, TYPE D

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

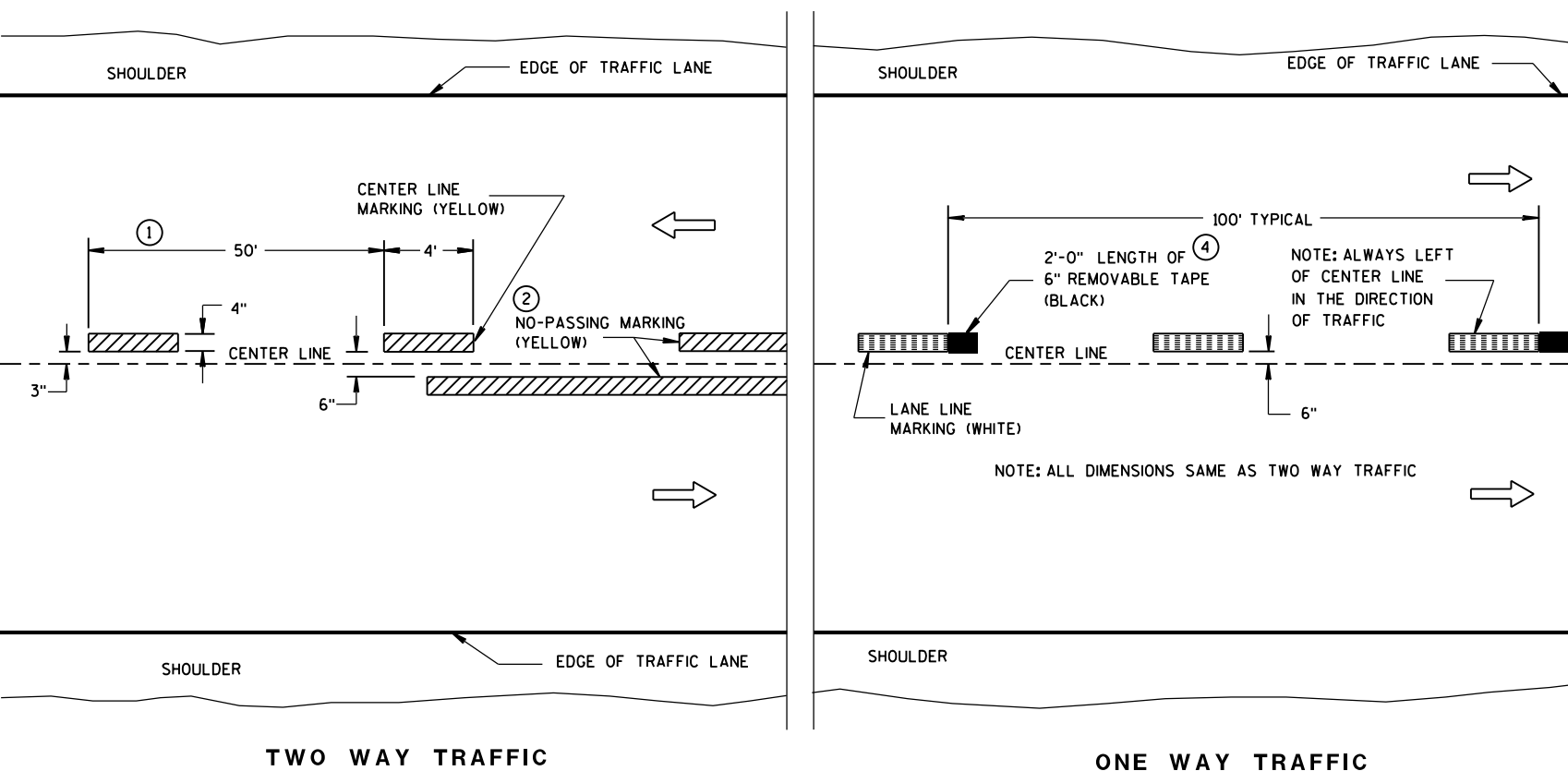
**INLET PROTECTION
TYPE A, B, C, AND D**

**STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION**

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



PERMANENT PAVEMENT MARKING



TEMPORARY (INTERMEDIATE) PAVEMENT MARKING
(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

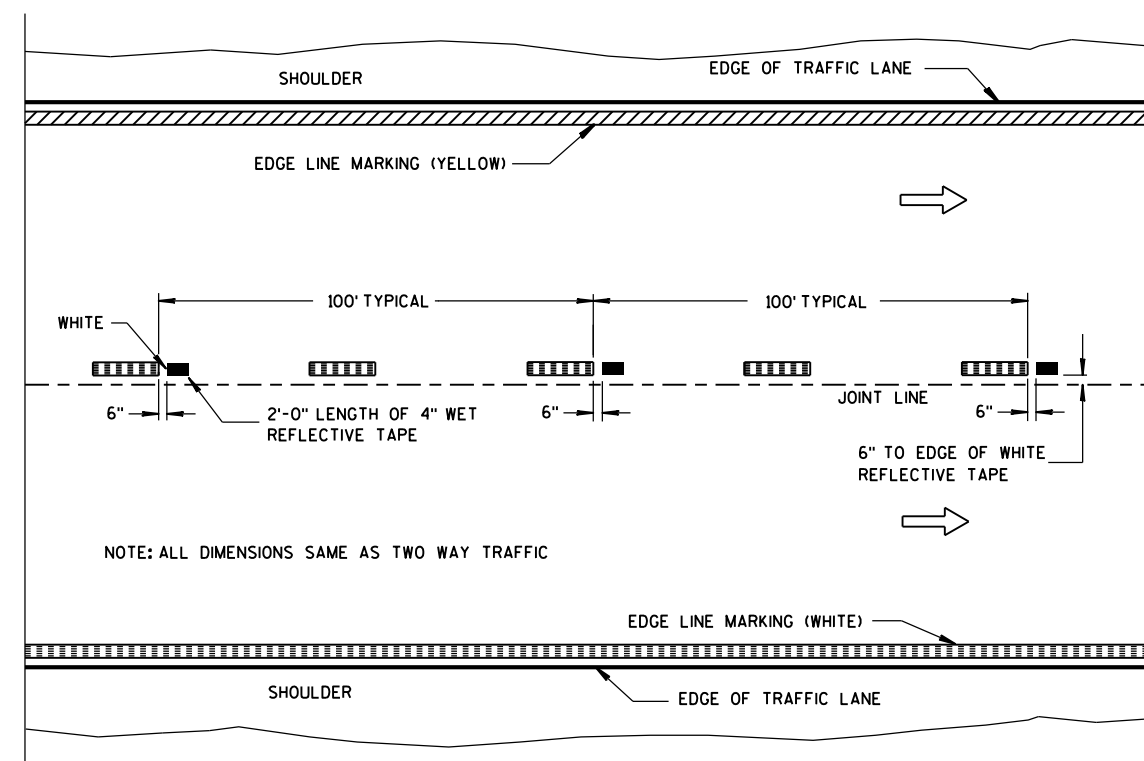
GENERAL NOTES

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

- ① HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.
- ② NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.
- ③ NO PASSING ZONE MARKINGS ARE PLACED ACCORDING TO "T" MARKINGS. IF EXISTING NO PASSING ZONE W14-3 SIGNS ARE BEYOND 50 FEET IN EITHER DIRECTION, THE SIGNS SHALL BE MOVED TO THE "T" MARKINGS.
- ④ CONCRETE ONLY.

NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

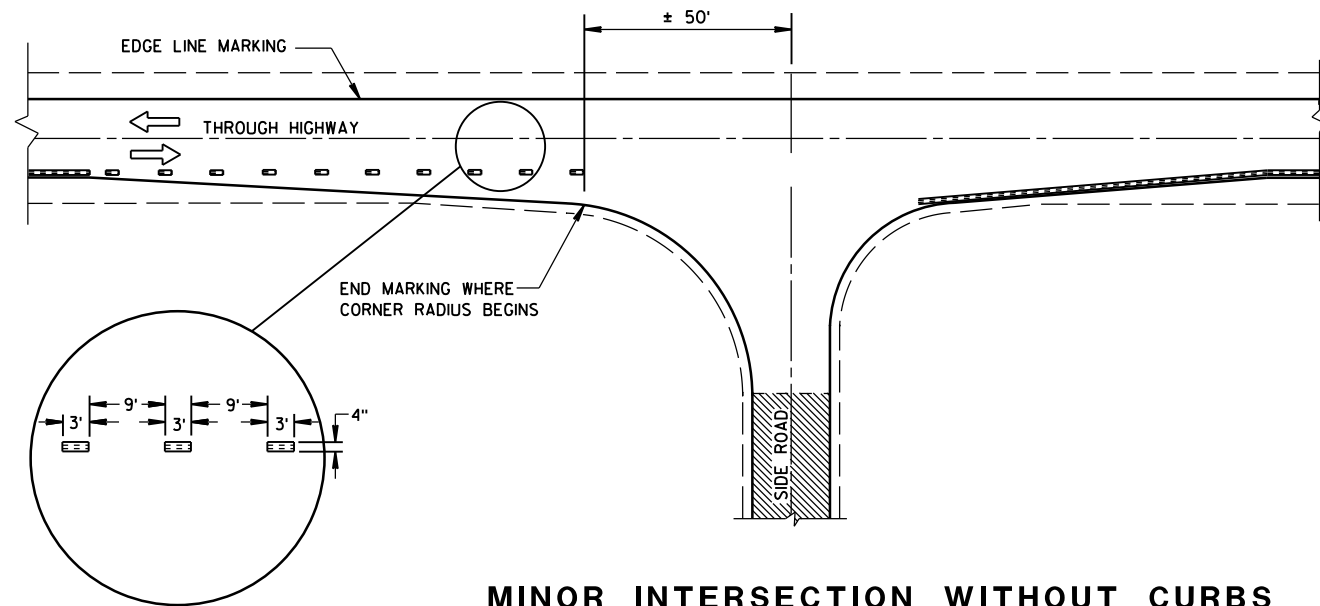


WET REFLECTIVE TAPE SUPPLEMENT TO
SPRAYED OR NON WET REFLECTIVE TAPE LANE LINE

LEGEND

- "T" MARKING
- POST MOUNTED SIGN

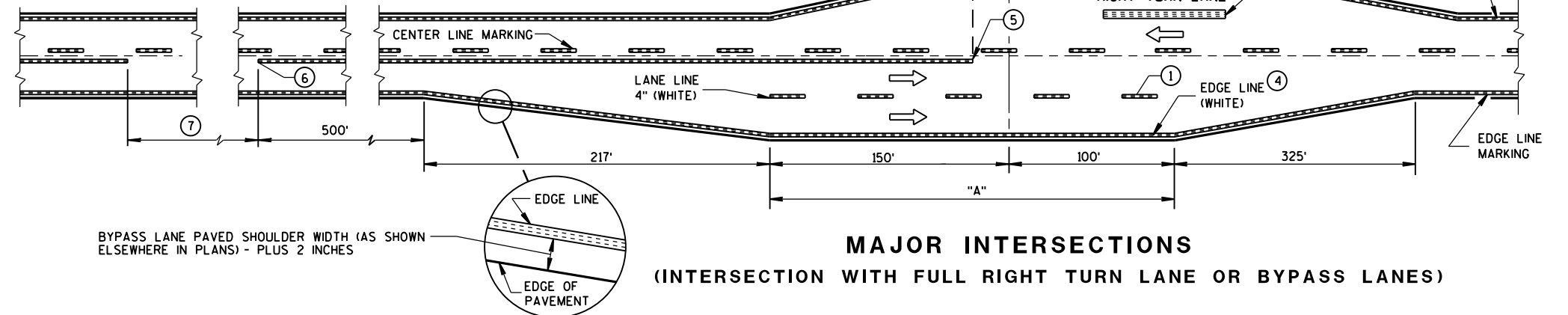
PAVEMENT MARKING (MAINLINE)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 5-13-2013 DATE	/S/ Travis Feltes STATE TRAFFIC ENGINEER
FHWA	



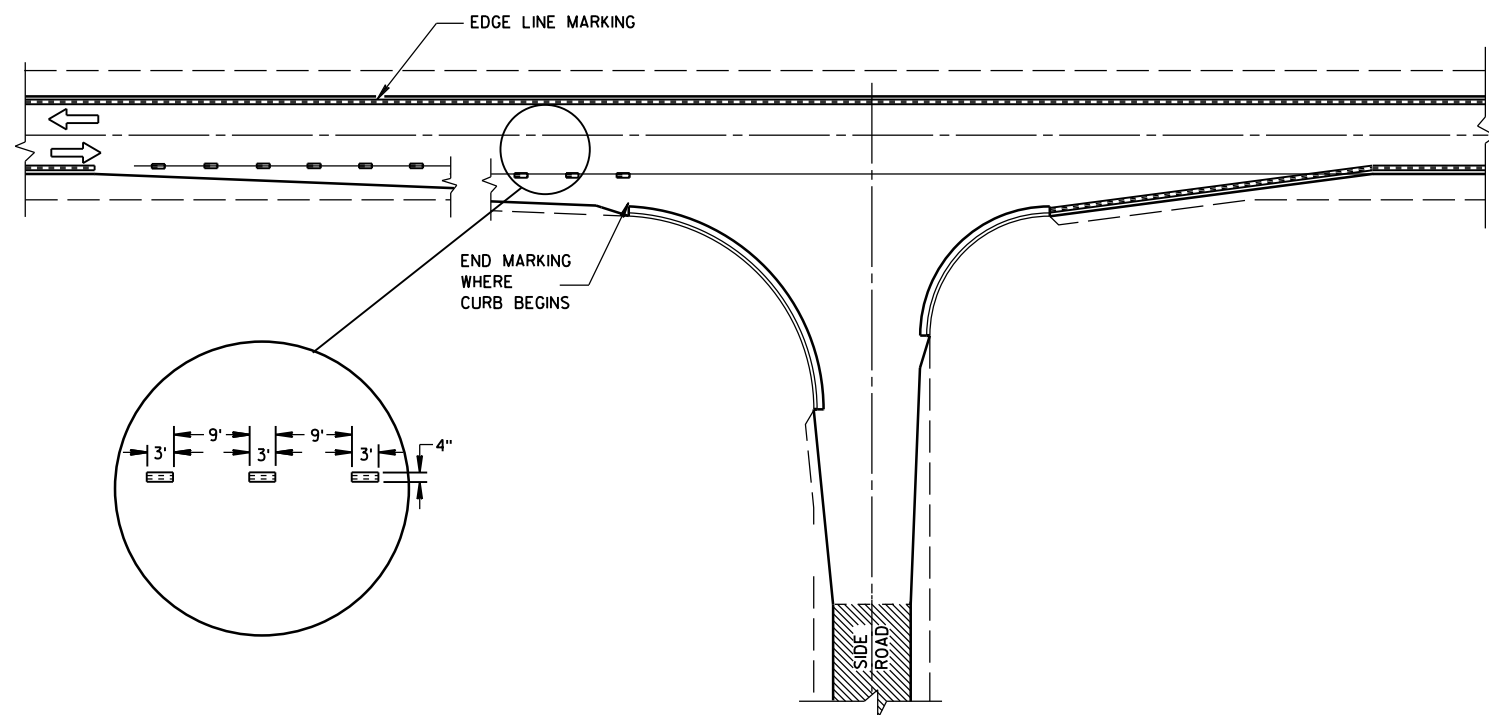
MINOR INTERSECTION WITHOUT CURBS

⑦

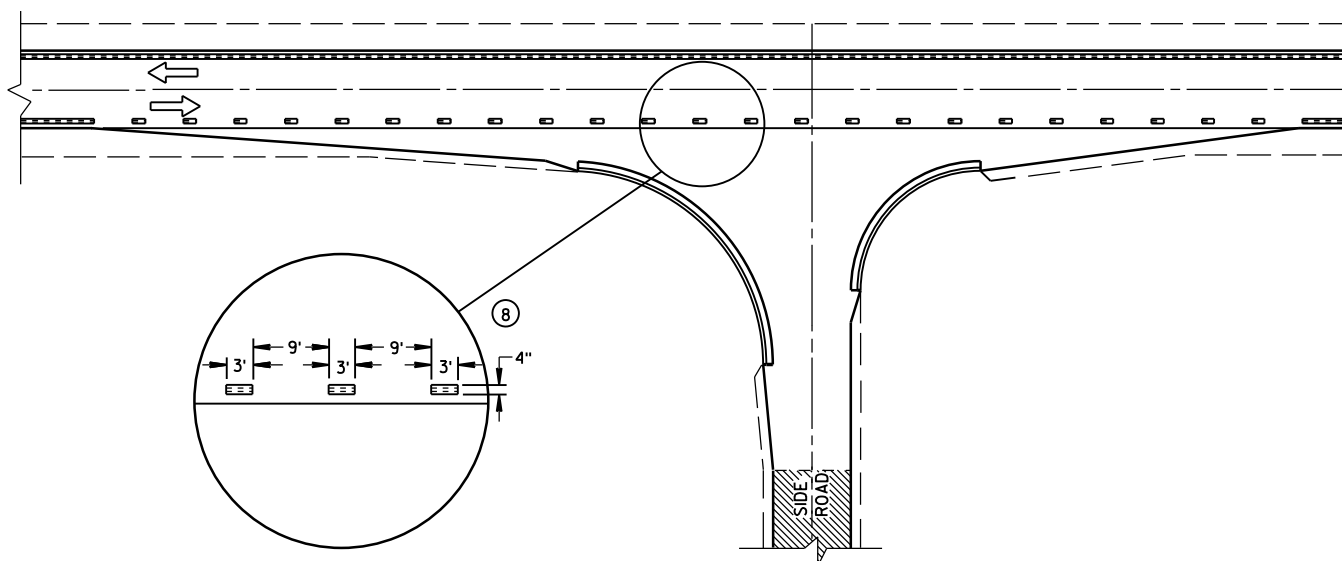
POSTED SPEED (MPH)	MINIMUM DISTANCE BETWEEN ZONES (FEET)
25 - 30	528
35 - 40	528
45 - 50	686
55	792



MAJOR INTERSECTIONS
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)



MINOR INTERSECTION WITH CURBS
(TYPICAL MARKING)



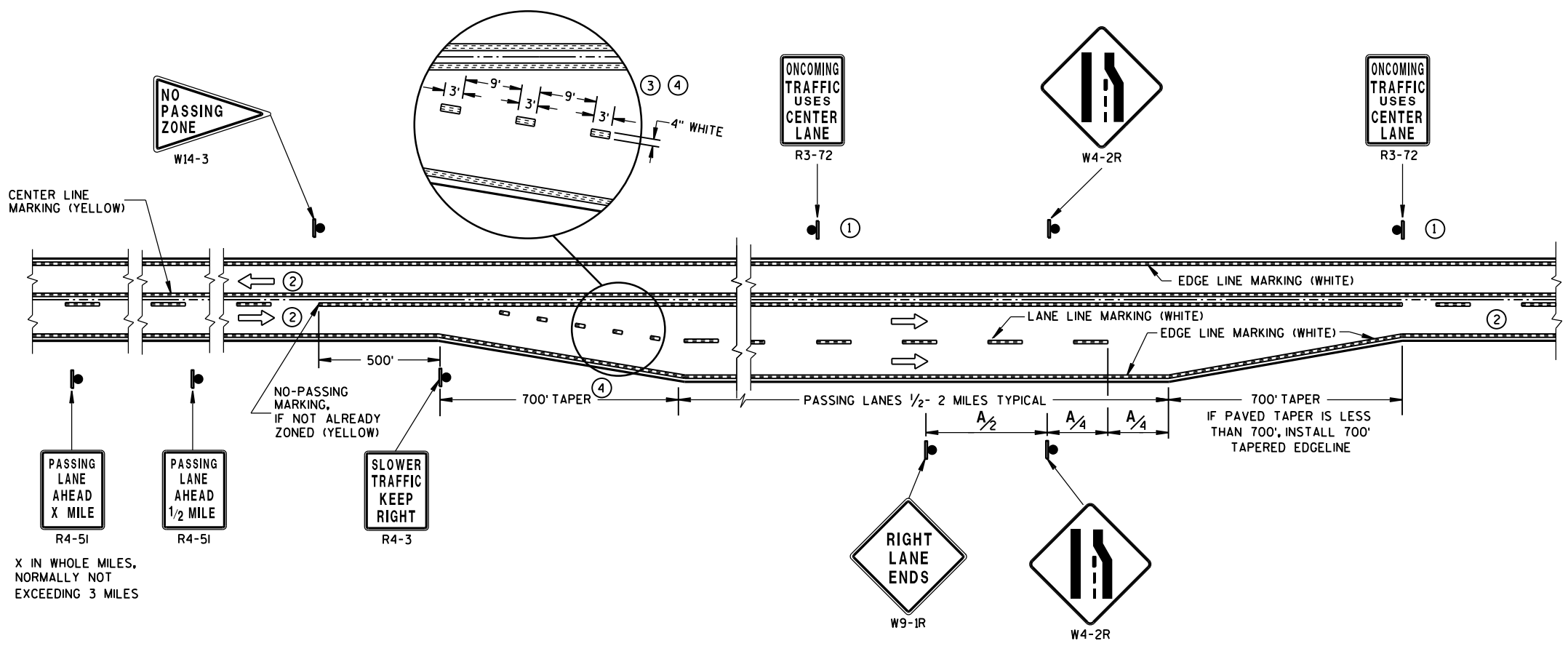
MINOR INTERSECTION WITH CURBS
③ (FOR SPECIAL CONDITIONS AS SPECIFIED)

GENERAL NOTES

- EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED 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 ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.
 - ④ THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.
 - ⑤ BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.
 - ⑥ BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
 - ⑦ IF THE DISTANCE BETWEEN 2 SUCCESSIVE NO-PASSING ZONES IS LESS THAN THE MINIMUM DISTANCE BETWEEN ZONES, CONNECT THE 2 ZONES.
 - ⑧ 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



**SOLID DOUBLE-YELLOW LINE
(THROUGHOUT ENTIRE PASSING/CLIMBING LANE)**

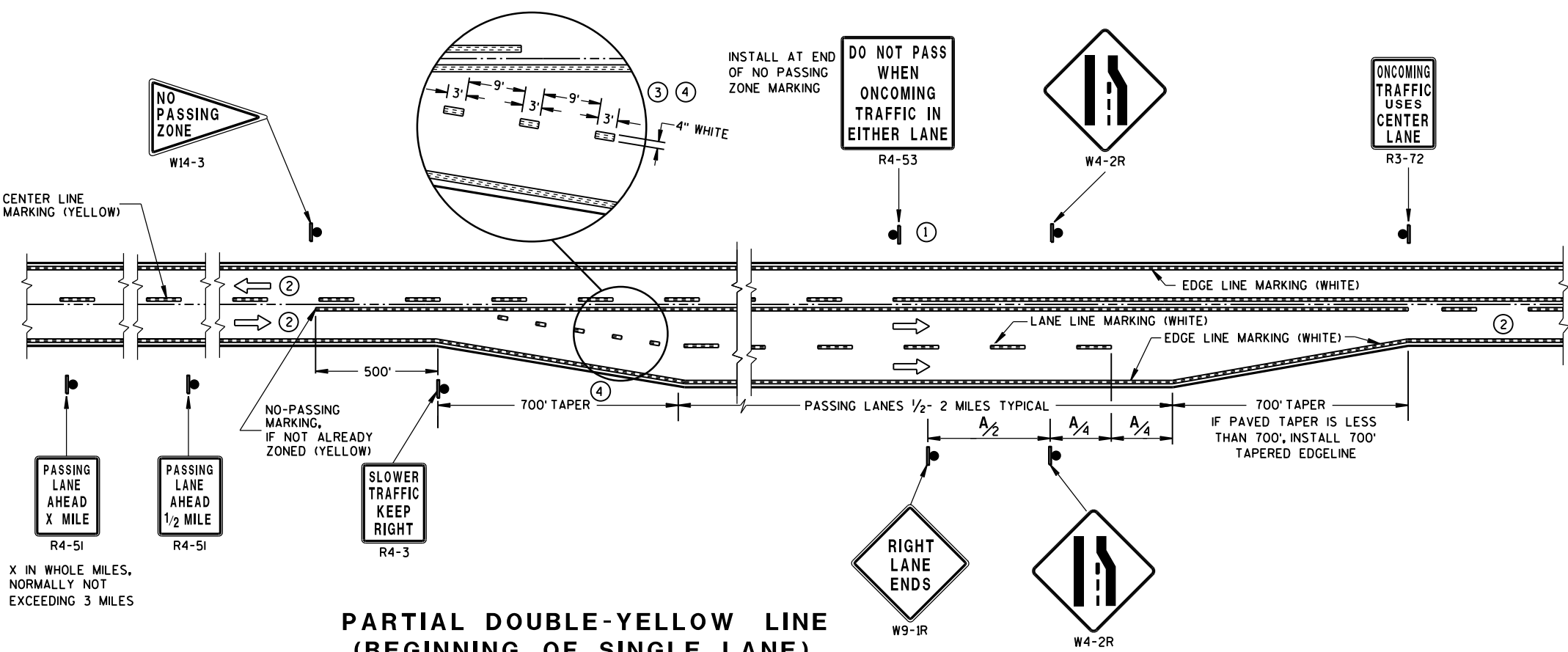
GENERAL NOTES

- ① SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
- ② THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- ③ THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ④ WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING/CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

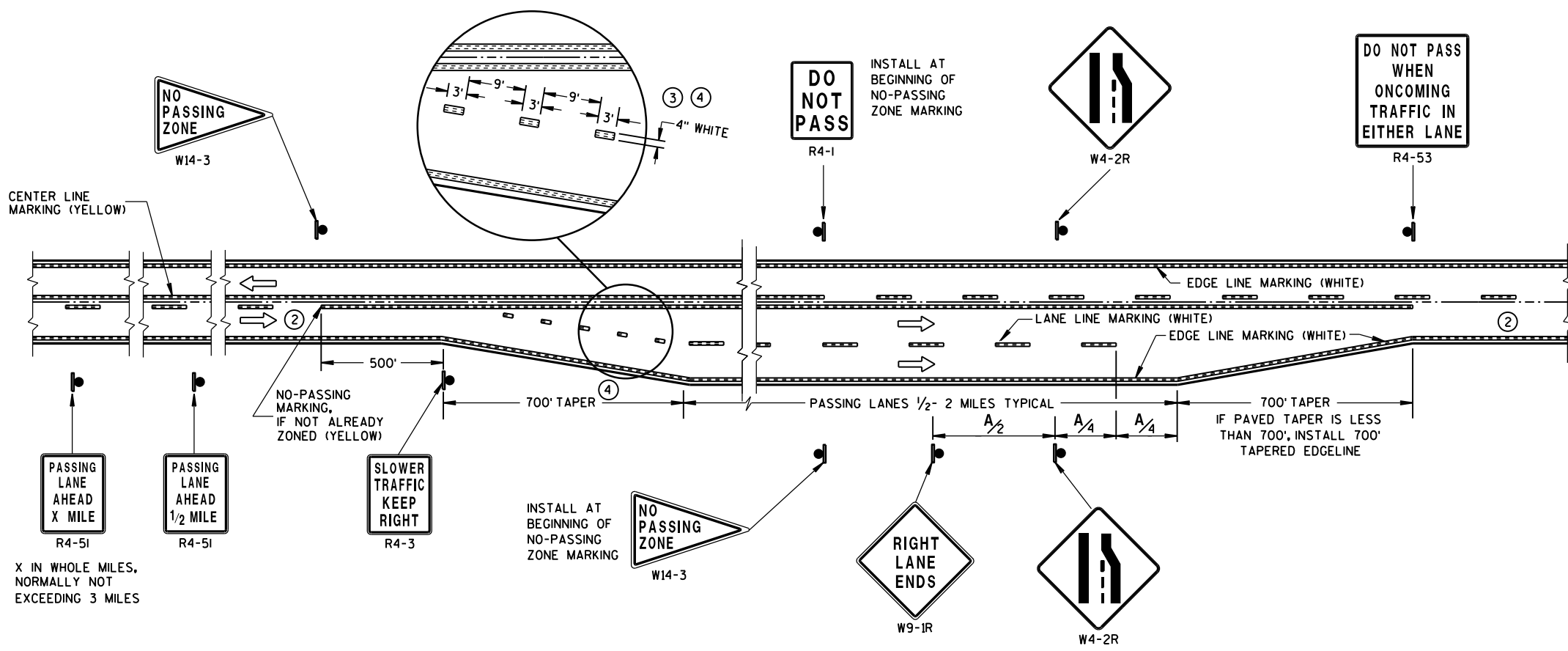
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	750
50	850
55	950



**PARTIAL DOUBLE-YELLOW LINE
(BEGINNING OF SINGLE LANE)**

**PAVEMENT MARKING & SIGNING
(CLIMBING LANE & PASSING LANE)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



**SOLID DOUBLE-YELLOW LINE
(END OF SINGLE LANE)**

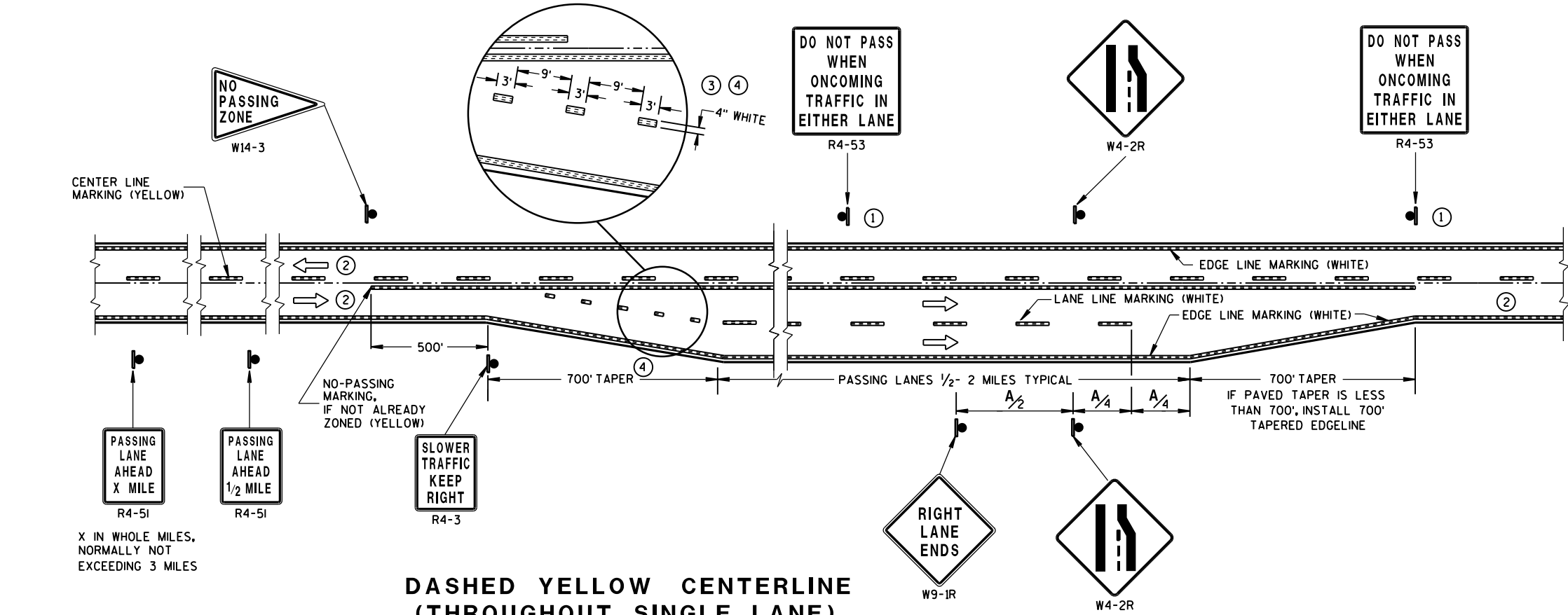
GENERAL NOTES

- ① SIGN SHALL BE REPEATED AT 1/2 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
- ② THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- ③ THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ④ WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING/CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	750
50	850
55	950



**DASHED YELLOW CENTERLINE
(THROUGHOUT SINGLE LANE)**

**PAVEMENT MARKING & SIGNING
(CLIMBING LANE & PASSING LANE)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

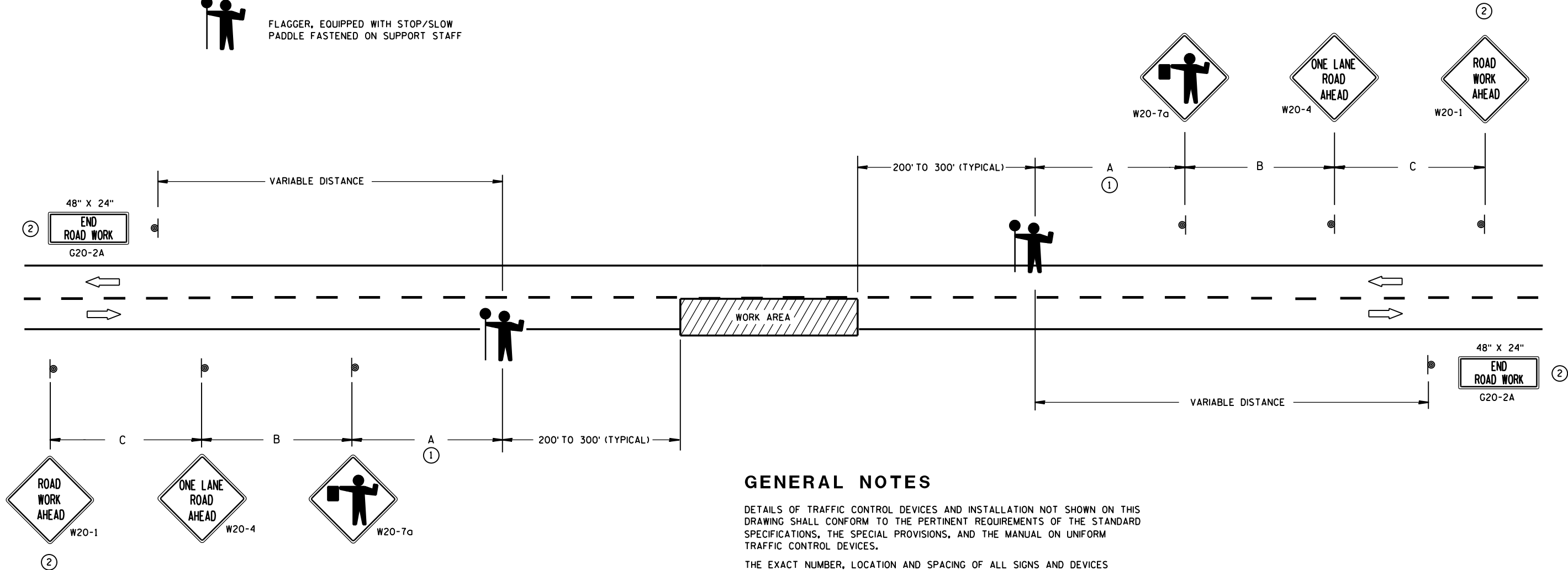
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN SPACING TABLE

SPEED LIMIT	SIGN SPACING A,B,C
25-35 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



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.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE 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.

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, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.

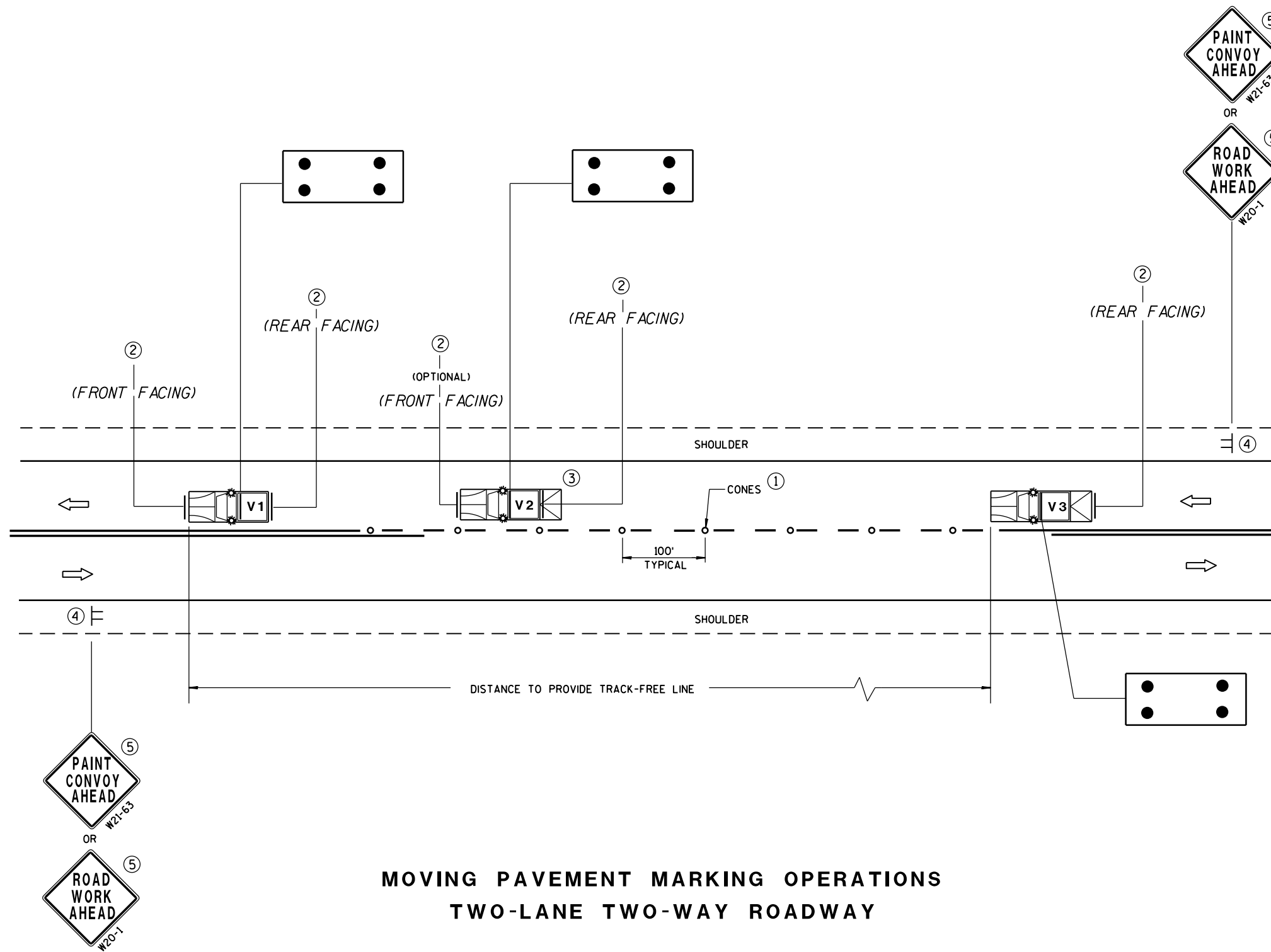
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

- ① FOR A MOVING WORK OPERATION, SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT 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.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8/2013 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA



MOVING PAVEMENT MARKING OPERATIONS TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

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

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

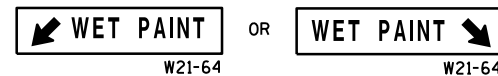
THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.



③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.

④ SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1 LEAD VEHICLE

V2 SHADOW VEHICLE

V3 TRAIL VEHICLE WITH TMA

TMA TRUCK-MOUNTED ATTENUATOR

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

CONES

FLASHING ARROW PANEL (CAUTION)

MOVING PAVEMENT MARKING
OPERATION
TWO-LANE TWO-WAY ROADWAY

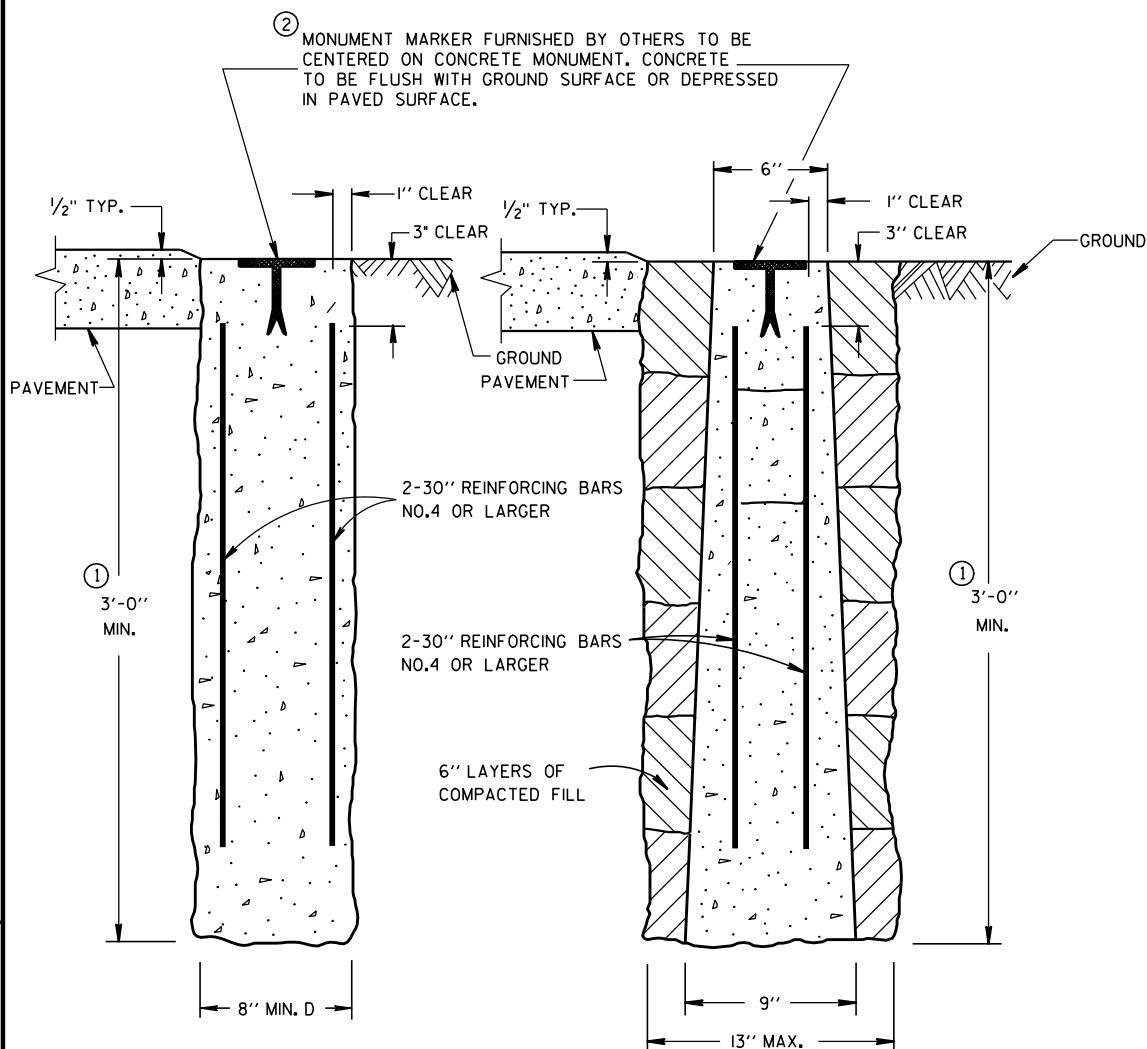
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

5/3/2013
DATE

FHWA

/S/ Travis Feltes
STATE TRAFFIC ENGINEER

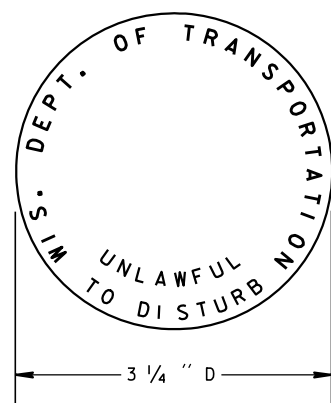


CAST-IN-PLACE

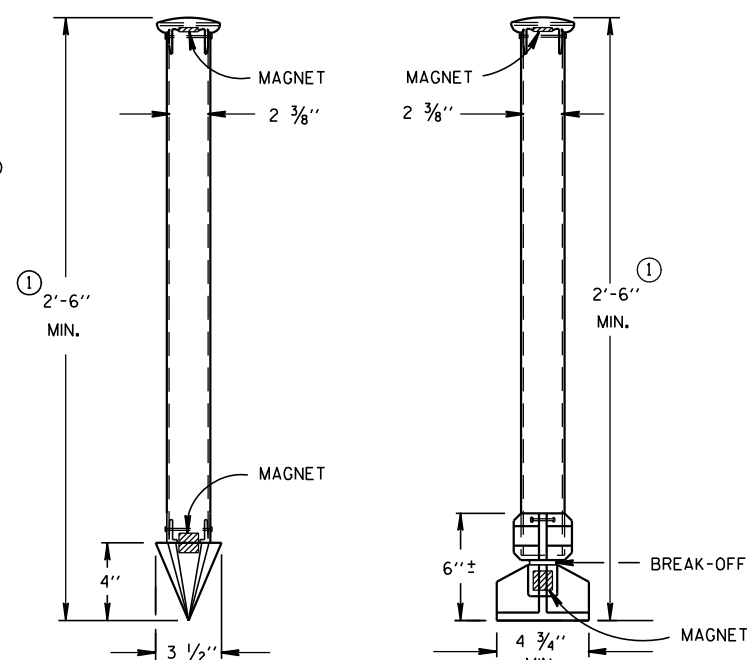
PRECAST

CONCRETE MONUMENTS

TYPE A



② WIS DOT MONUMENT MARKER LOGO
FOR TYPES "A", "C" & "D"



TYPE C

TYPE D

DRIVE-IN MONUMENT

BREAK-OFF MONUMENT

ALUMINUM MONUMENTS

(INCLUDES MARKER)

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.

INSTALLED METAL MONUMENTS MUST BE EASILY DETECTED WITH A DIP NEEDLE. INSERT PERMANENT MAGNETS SHALL BE ATTACHED NEAR THE TOP AND BOTTOM OF THOSE MONUMENTS CONSTRUCTED OF A METAL ALLOY WHICH IS NOT ATTRACTIVE TO A DIP NEEDLE.

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.

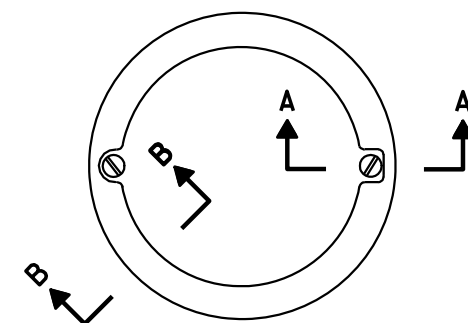
ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

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.

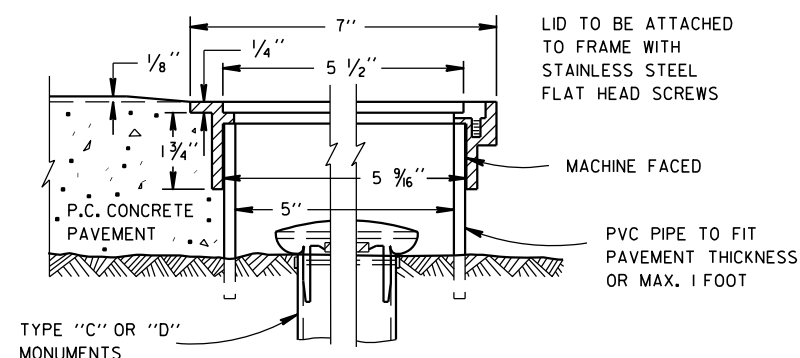
MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER.

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

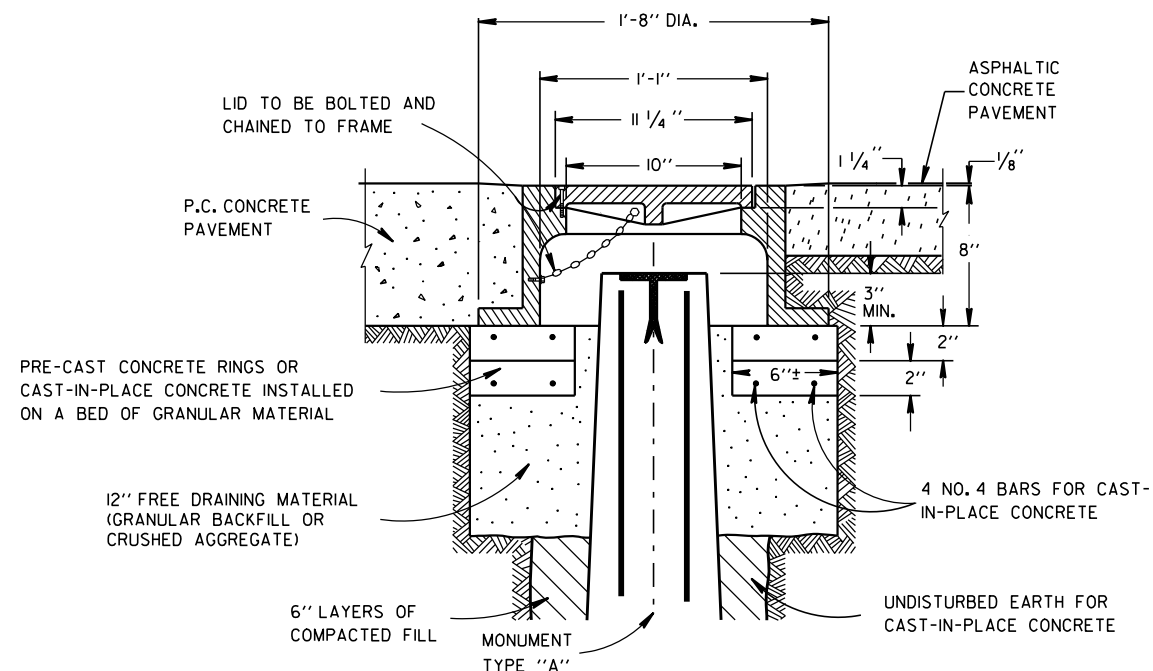
② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WIS DOT MARKER.



TOP VIEW

SECTION B-B SECTION A-A
ALUMINUM MONUMENT COVER

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



CAST IRON MONUMENT COVER

(APPROXIMATE WEIGHT - 95 LBS.)

LANDMARK REFERENCE
MONUMENTS AND COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

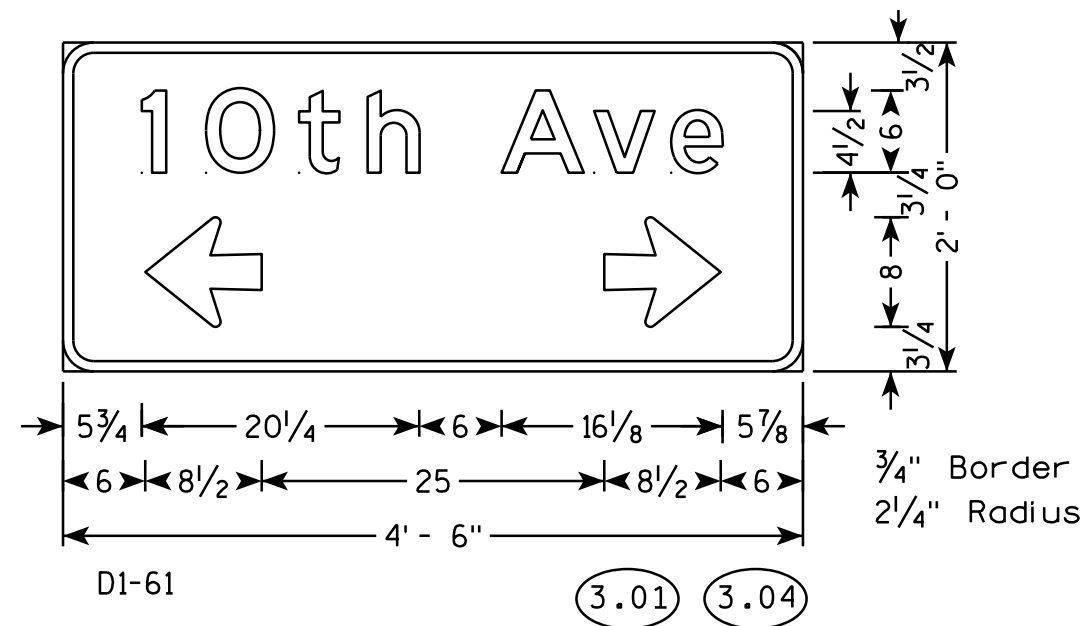
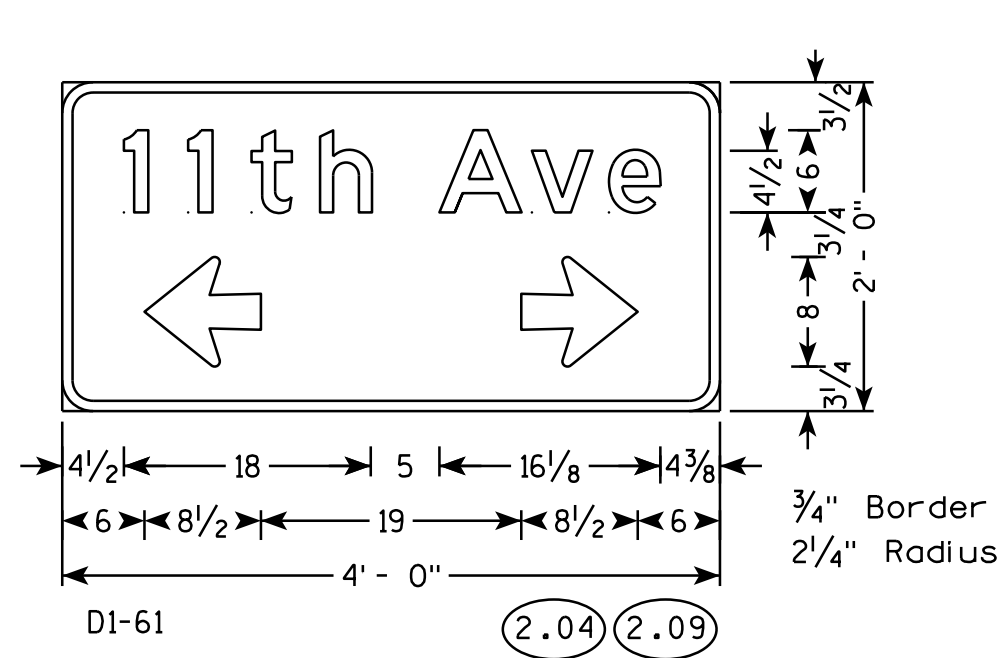
APPROVED

9/22/1999

DATE

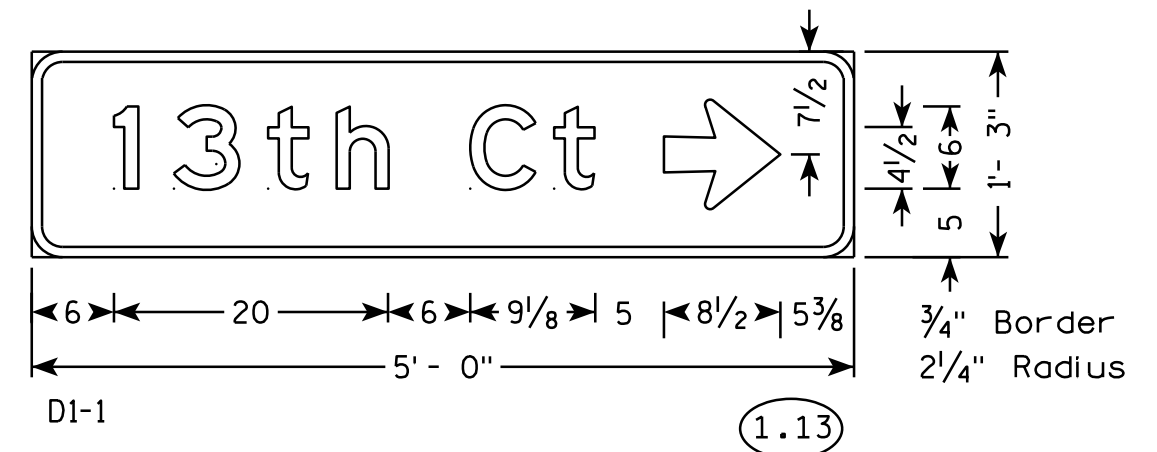
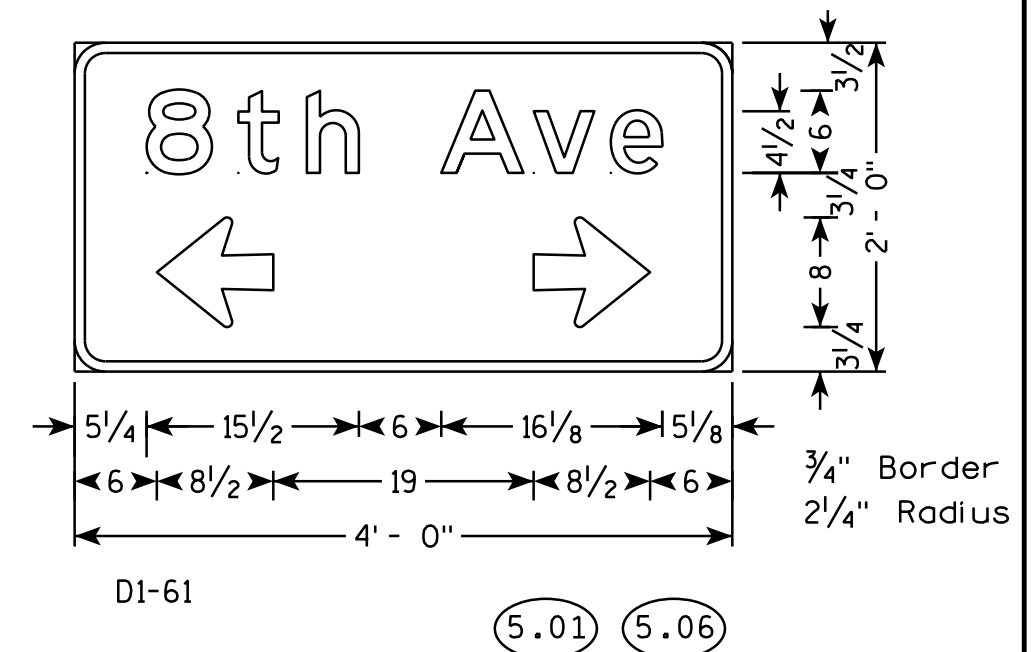
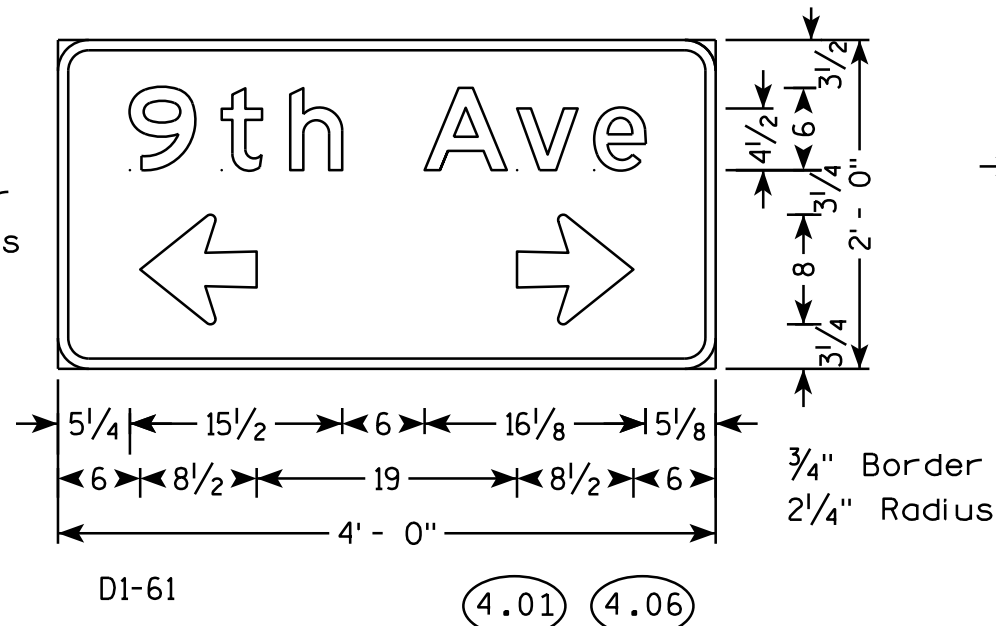
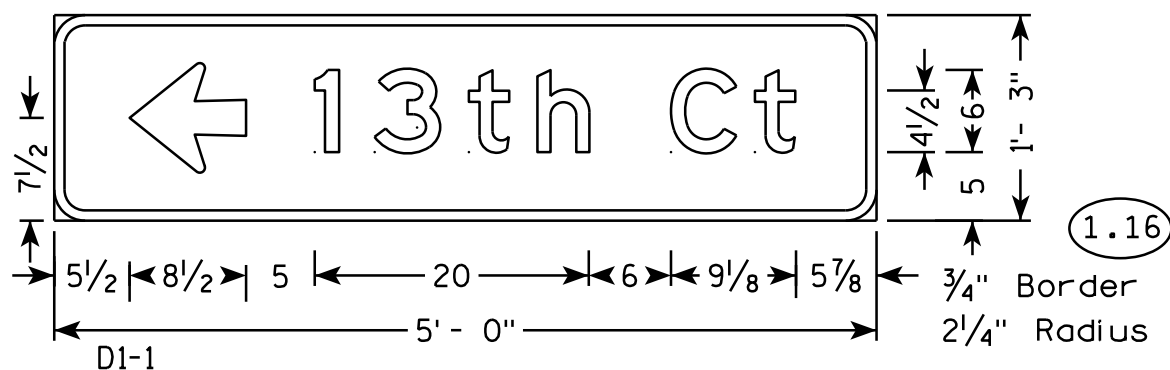
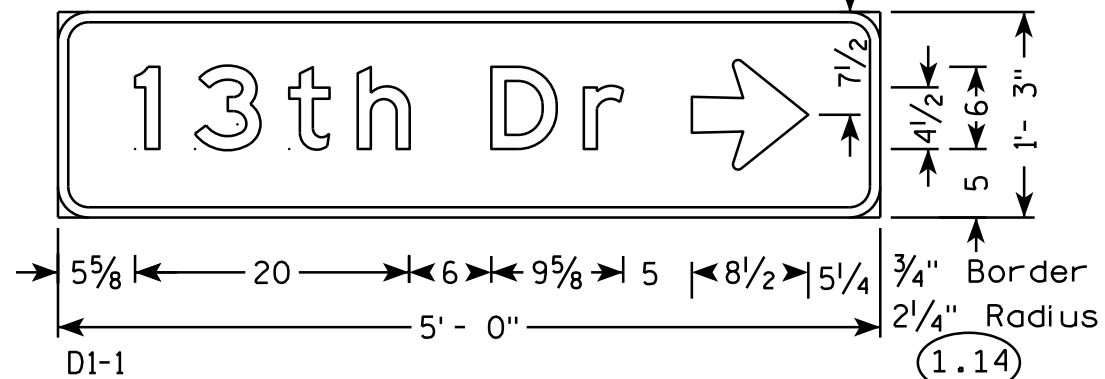
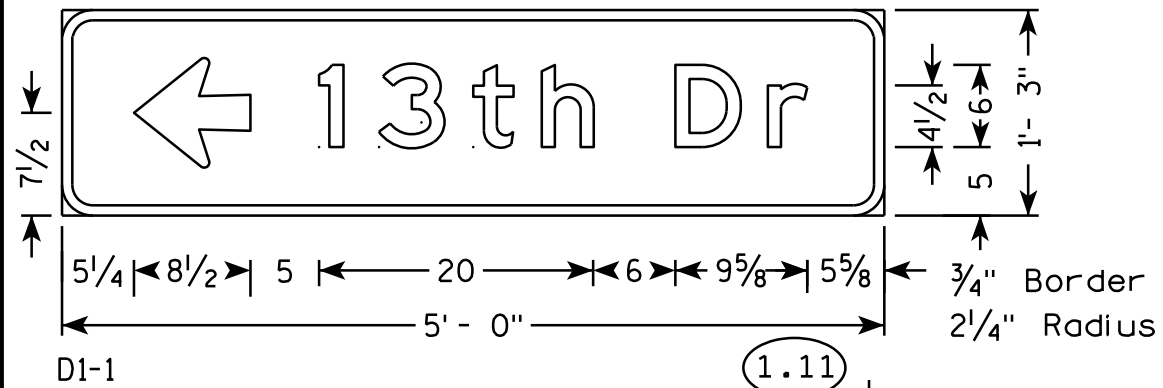
FHWA

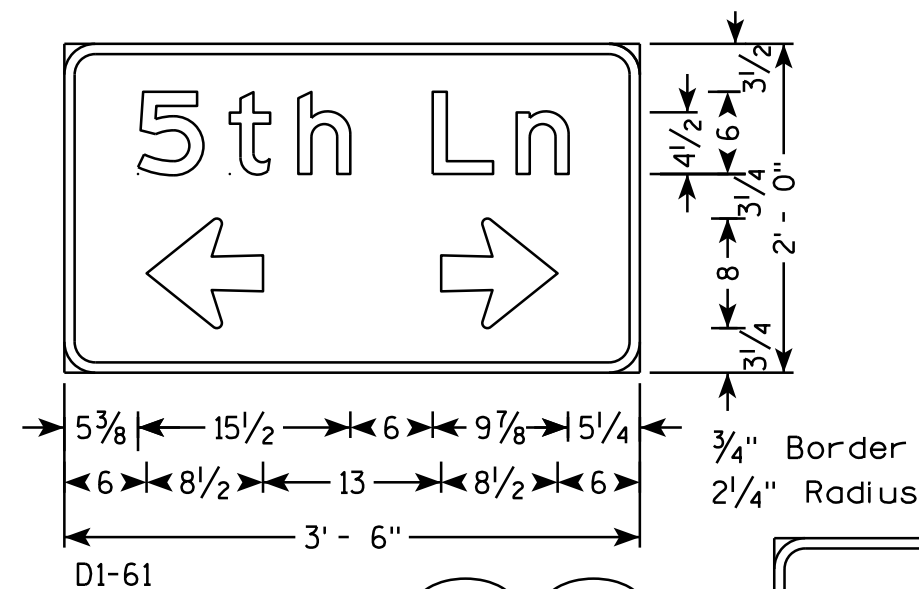
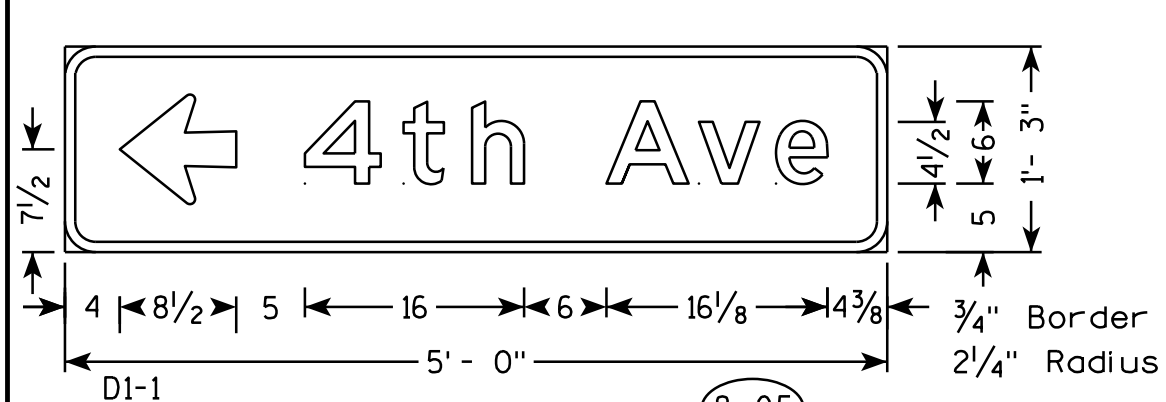
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER



NOTES

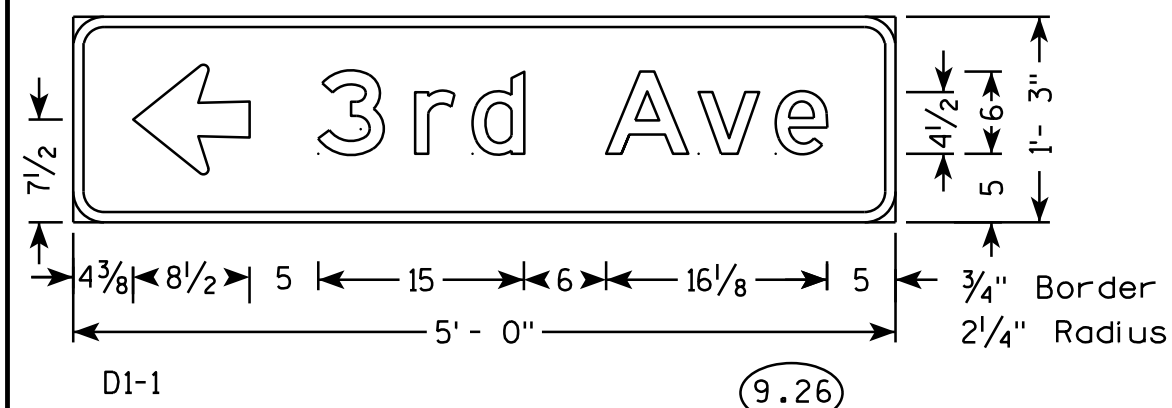
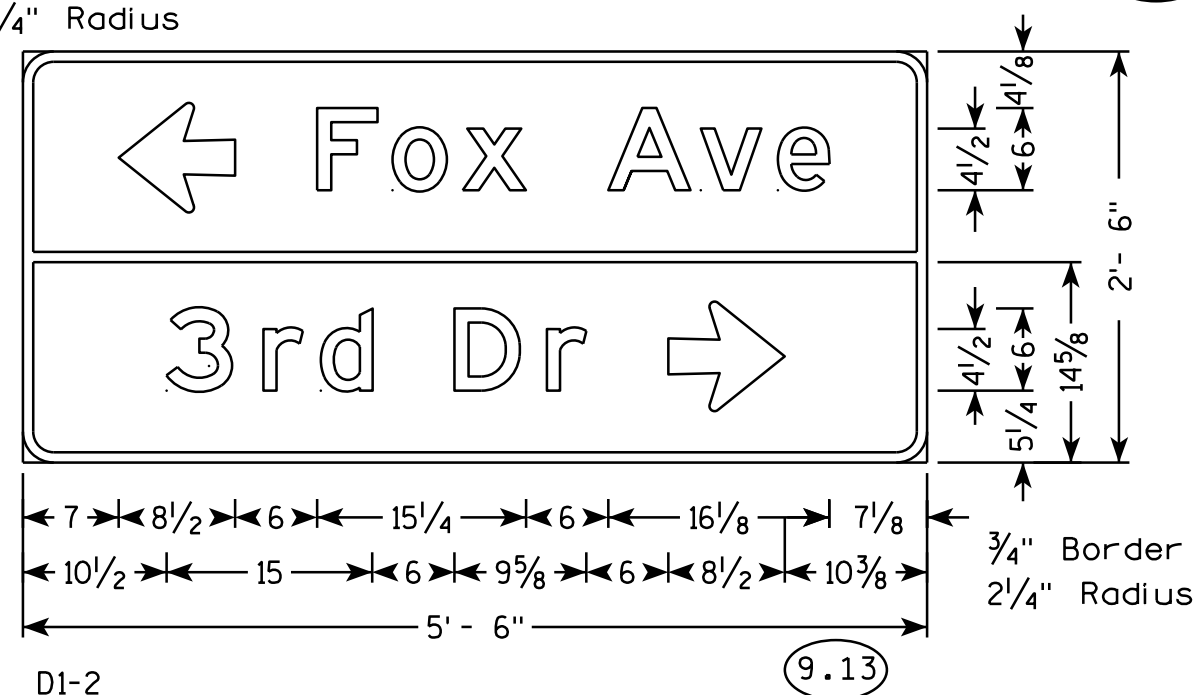
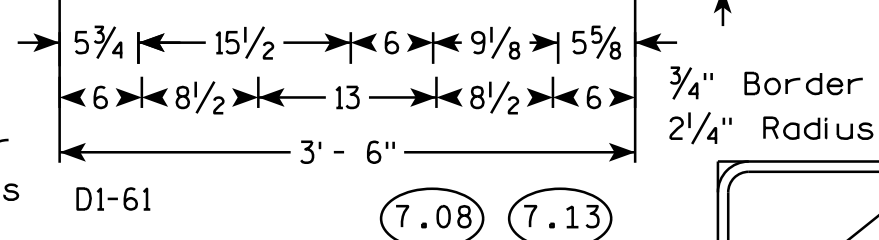
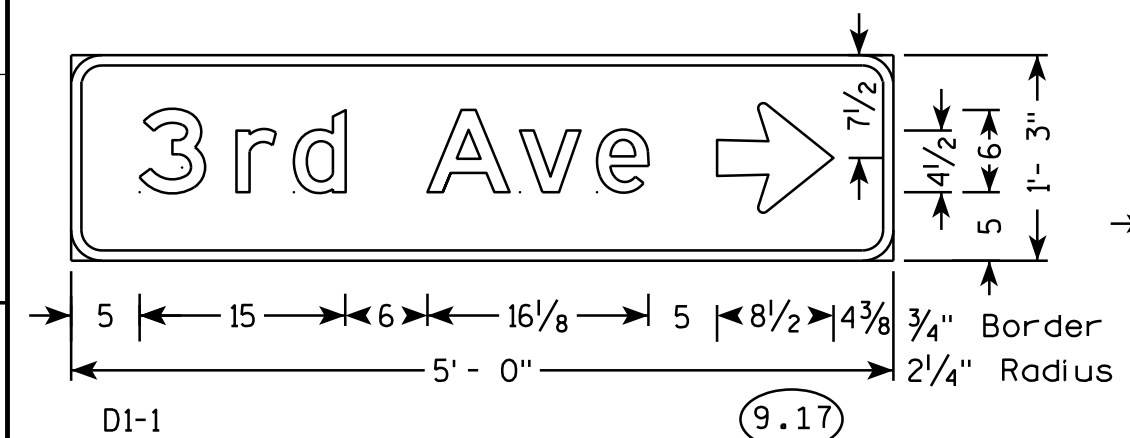
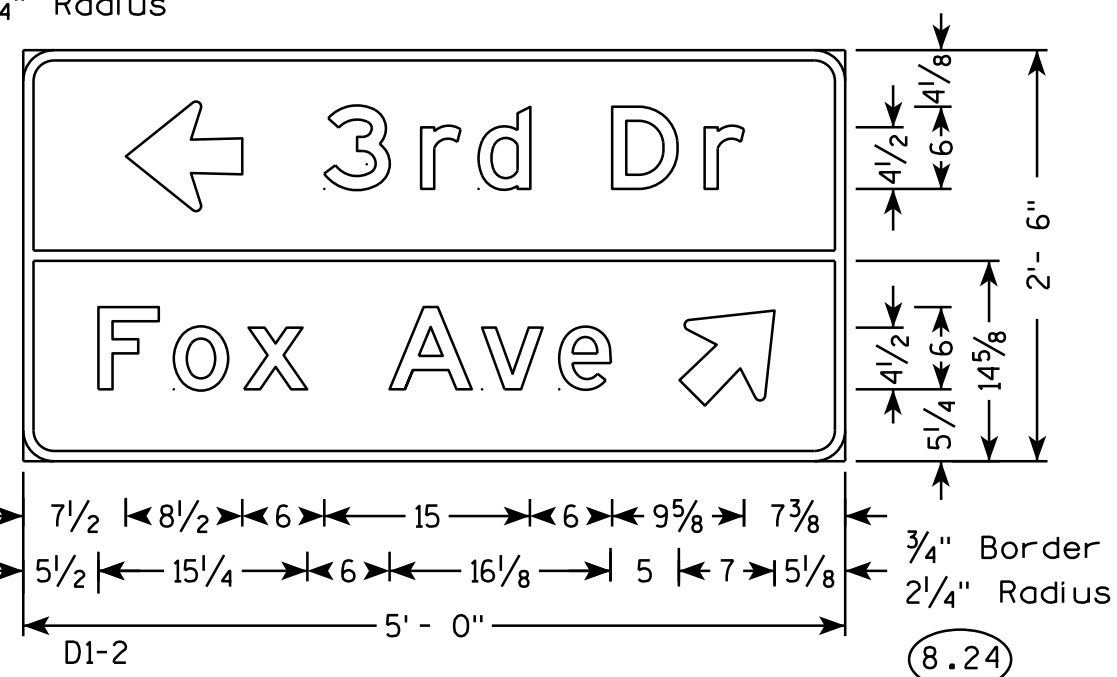
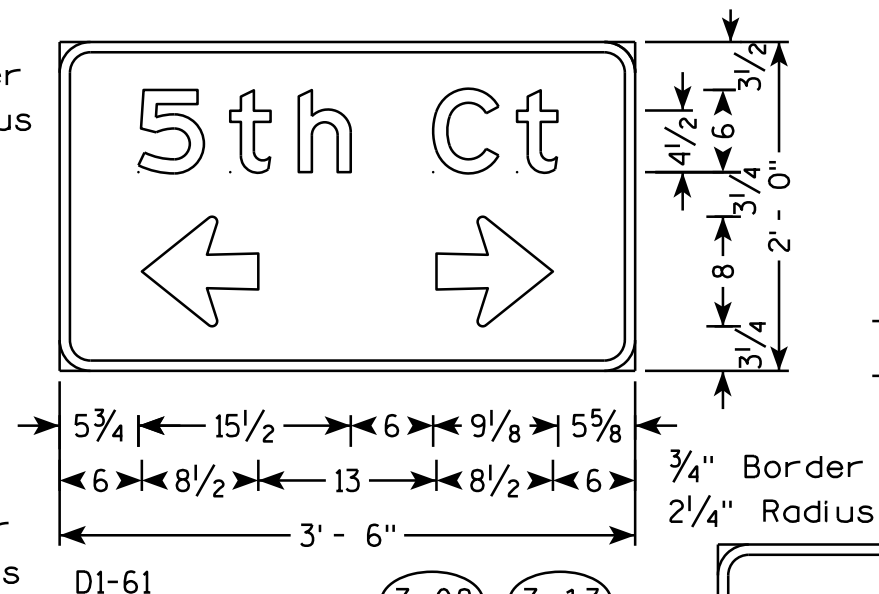
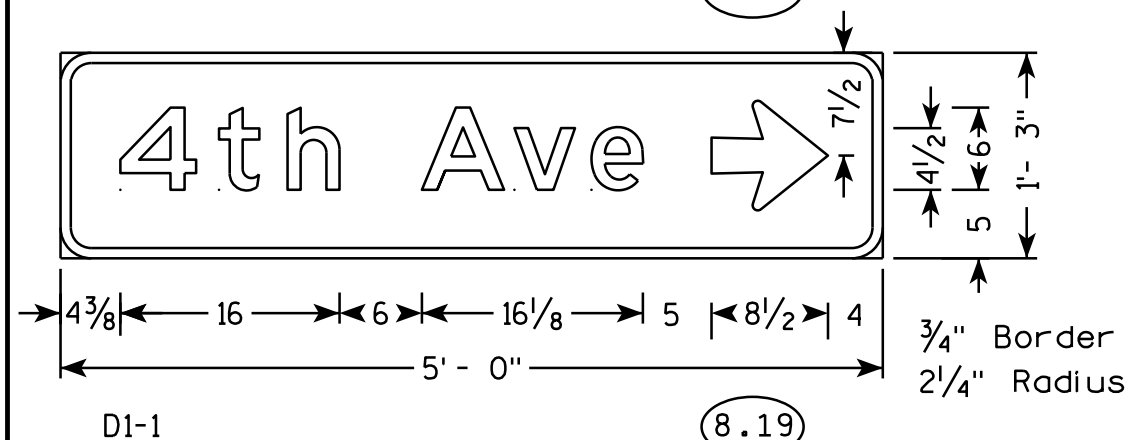
1. All Signs Type II - Type H Reflective
2. Color:
 - Background - GREEN
 - Message - WHITE
3. Message Series - E





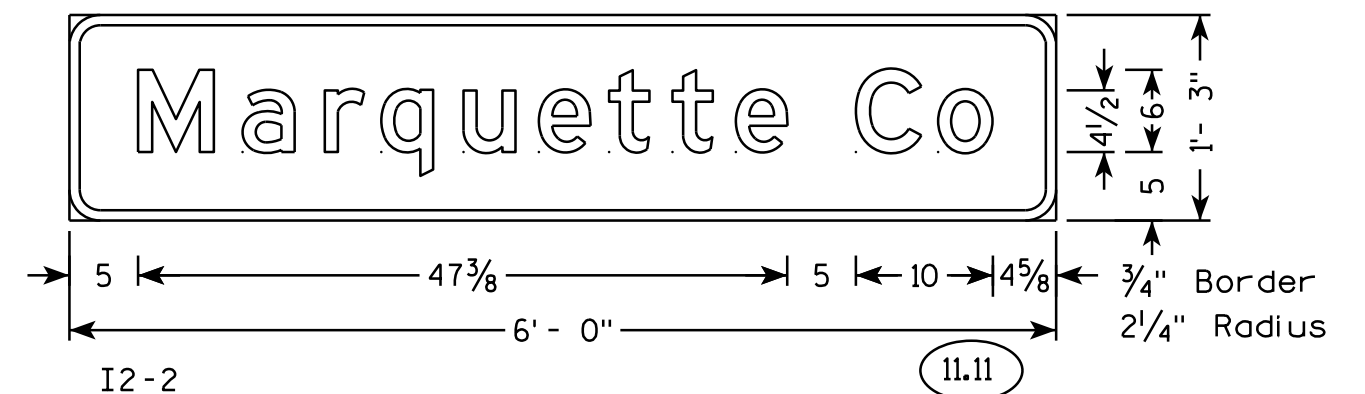
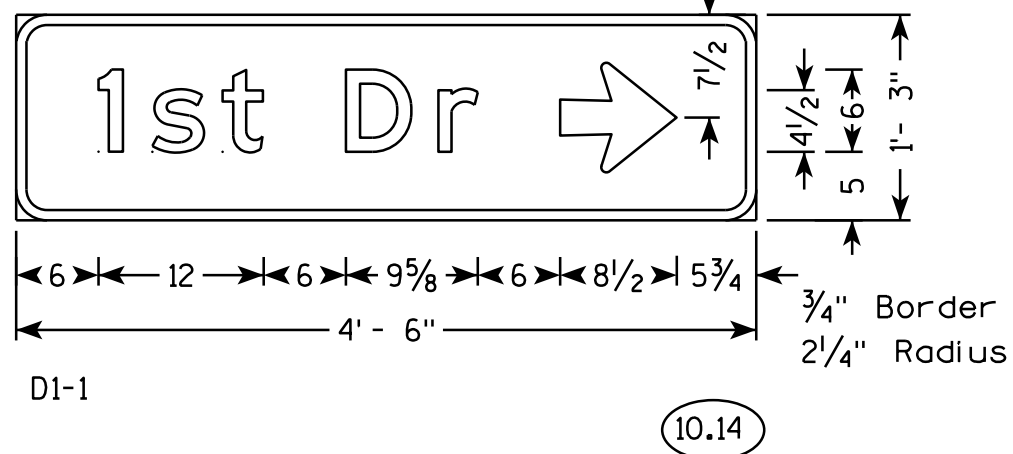
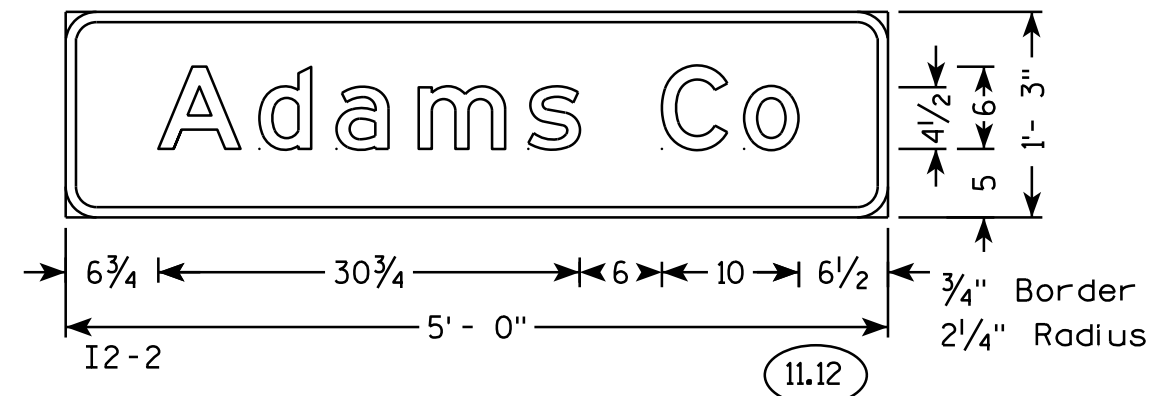
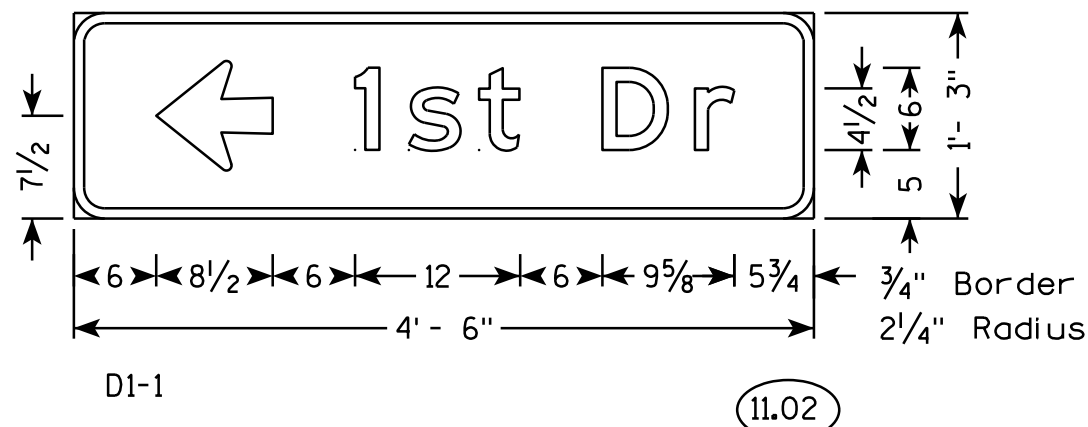
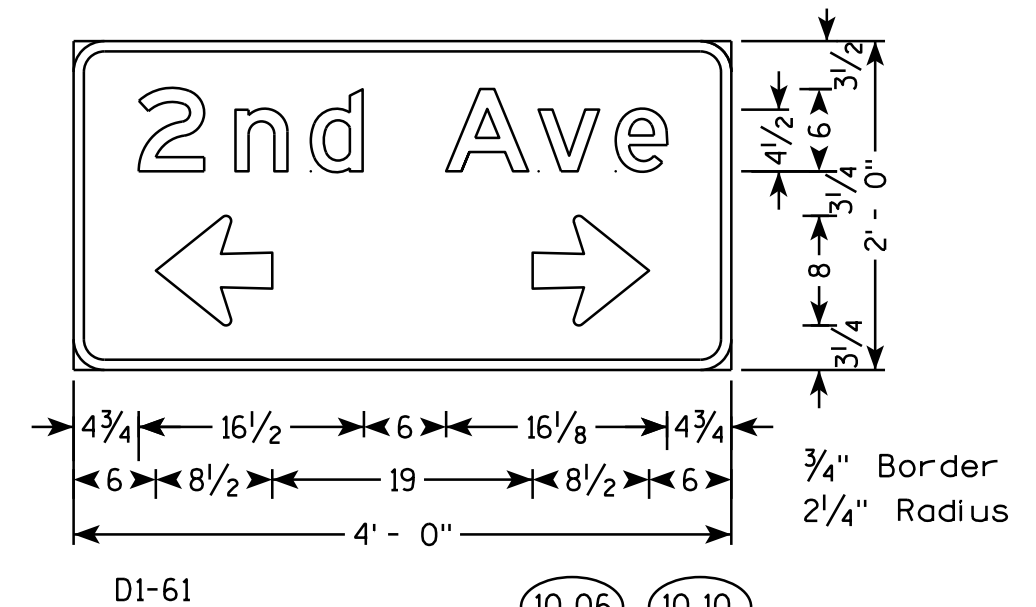
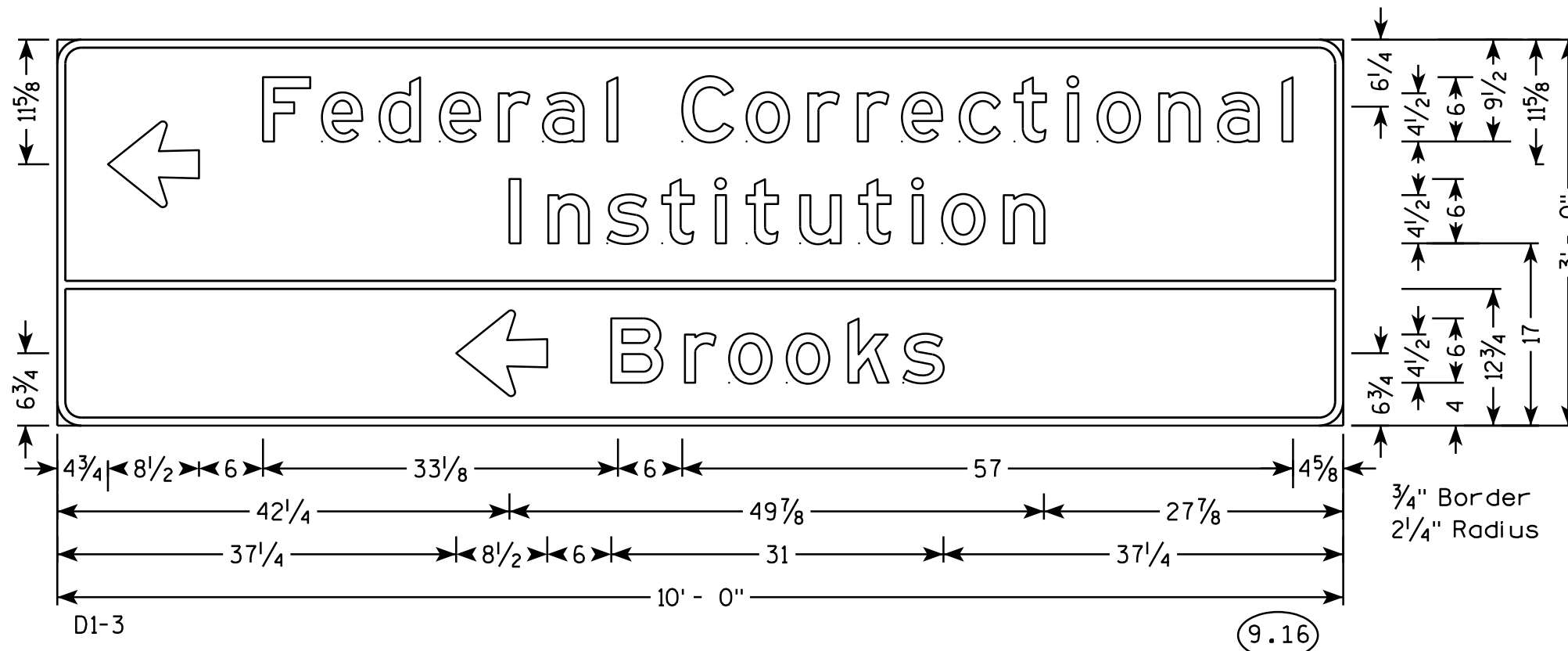
- ## NOTES

1. All Signs Type II - Type H Reflective
2. Color:
 - Background - GREEN
 - Message - WHITE
3. Message Series - E

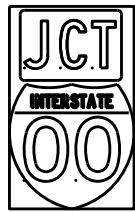


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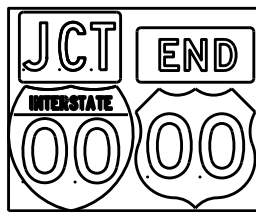
1. All Signs Type II - Type H Reflective
2. Color:
Background - GREEN
Message - WHITE
3. Message Series - E



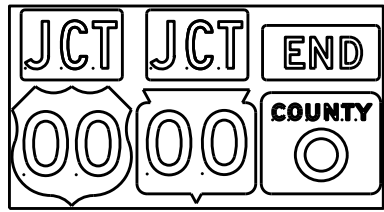
TYPICAL ASSEMBLIES



J1-1



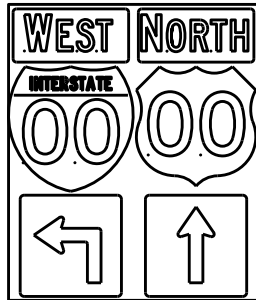
J1-2



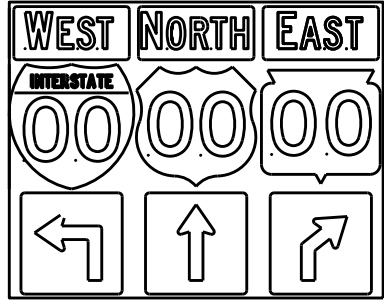
J1-3



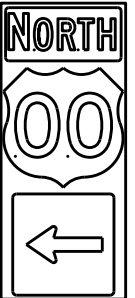
J2-1



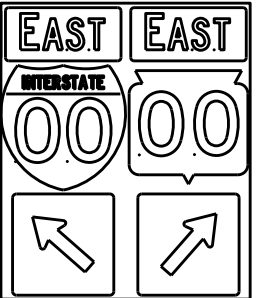
J2-2



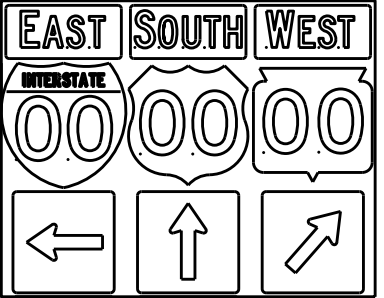
J2-3



J3-1



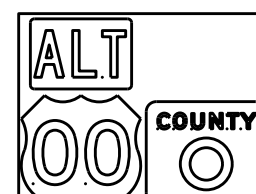
J3-2



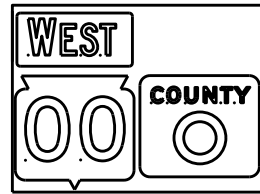
J3-3



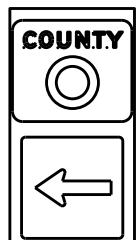
J4-1



J4-2



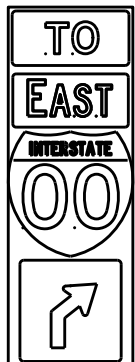
J4-2



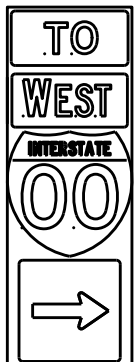
J13-1



J12-1



J32-1



J33-1



J23-1

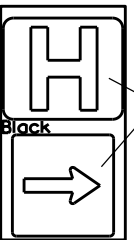


J22-1



JV

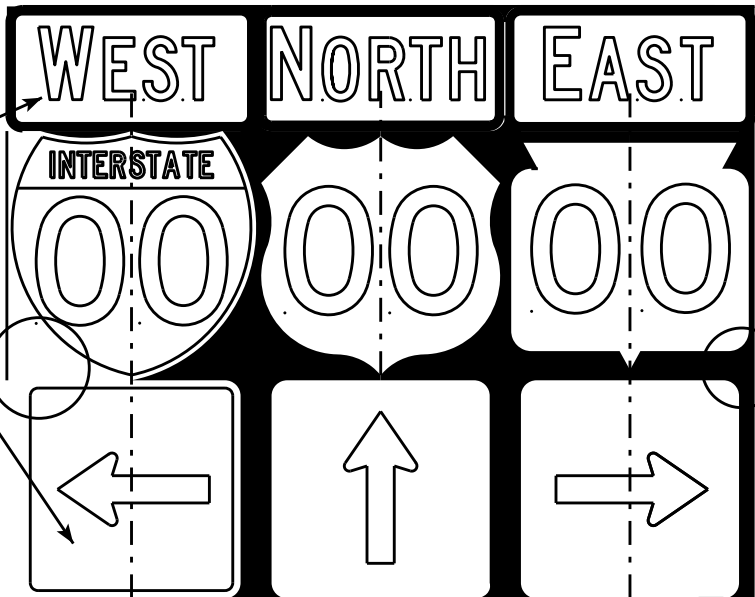
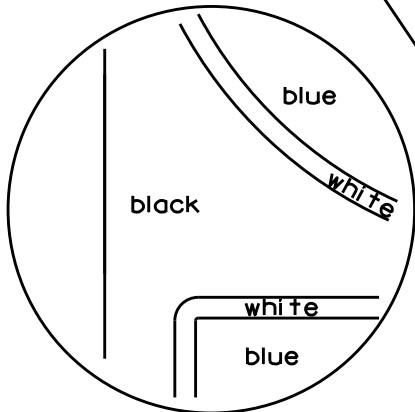
(Typical Vertical J-Assembly
See Note 10 and 11)



JH-1

Blue Background

[blue background
with interstate]



[black background]

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

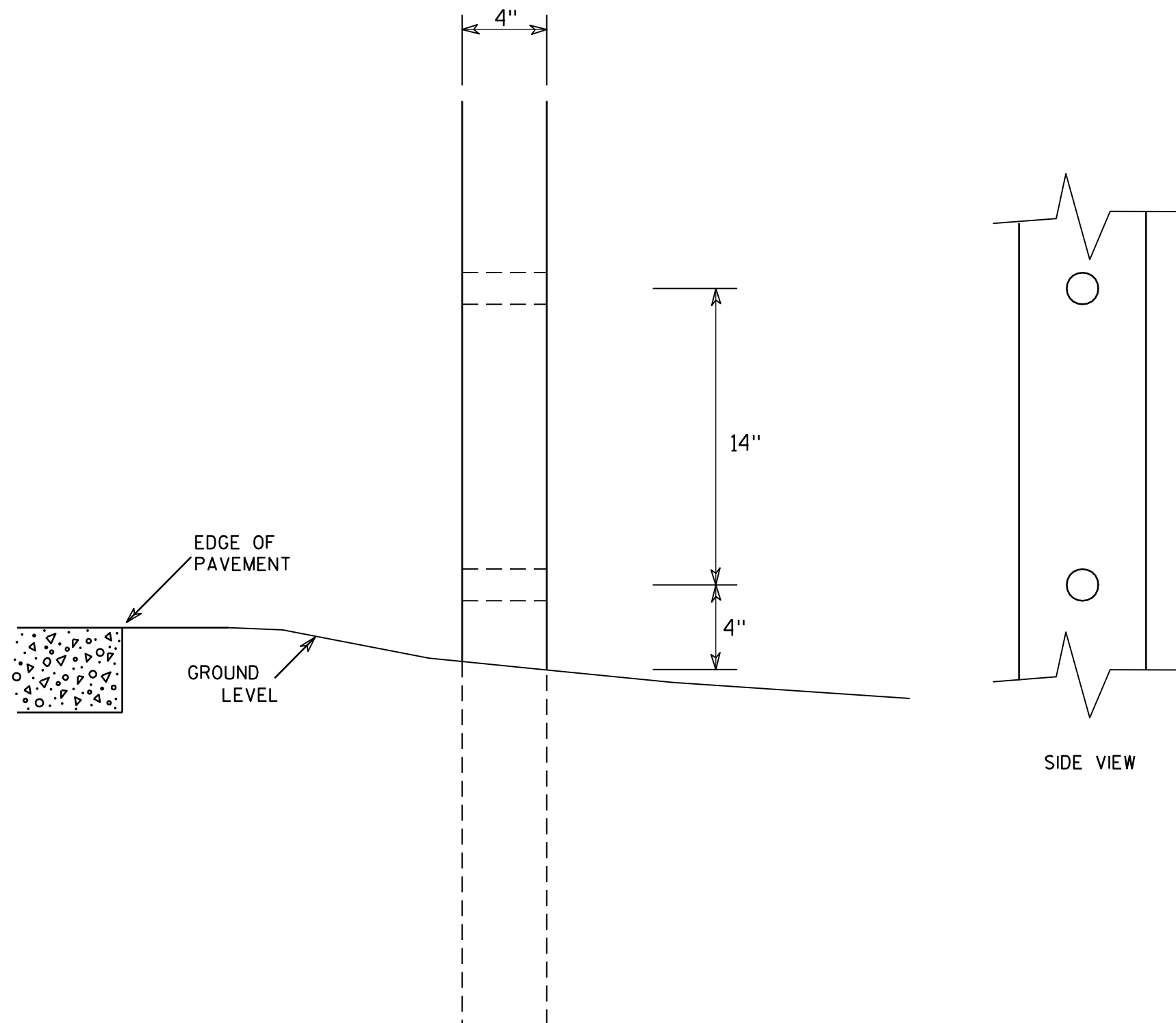
APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 2/06/14 PLATE NO. A2-1S.8

NOTES

1. Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Black Non-reflective
Message - see Note 5
3. Message Series - See Note 5
4. Corners shall be square or rounded if base material is plywood. If base material is metal the corners shall be rounded.
5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
8. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
10. All Vertical J Assemblies are given a Sign Code of JV
11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.

7



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

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:

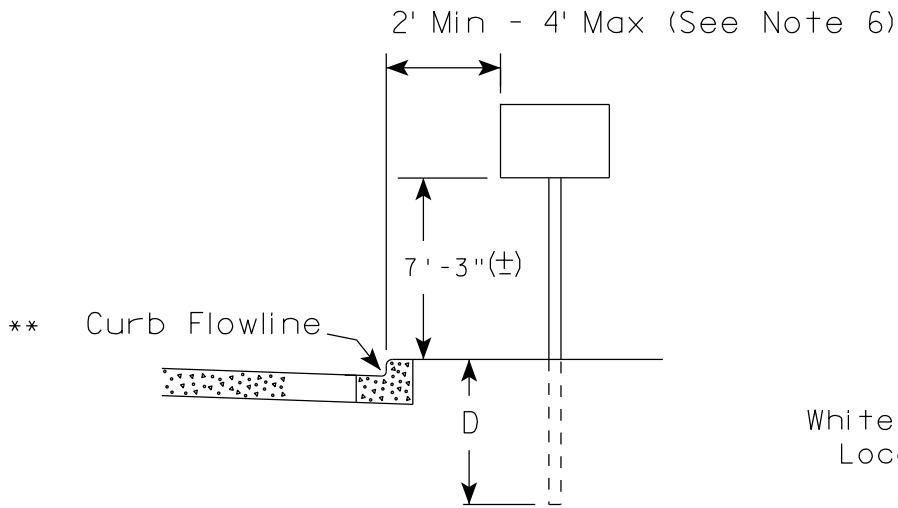
HWY:

COUNTY:

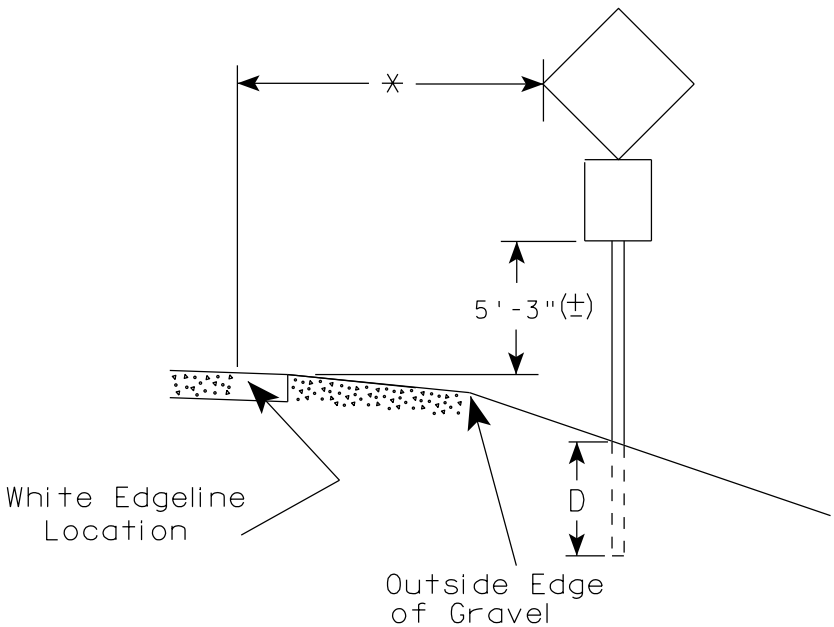
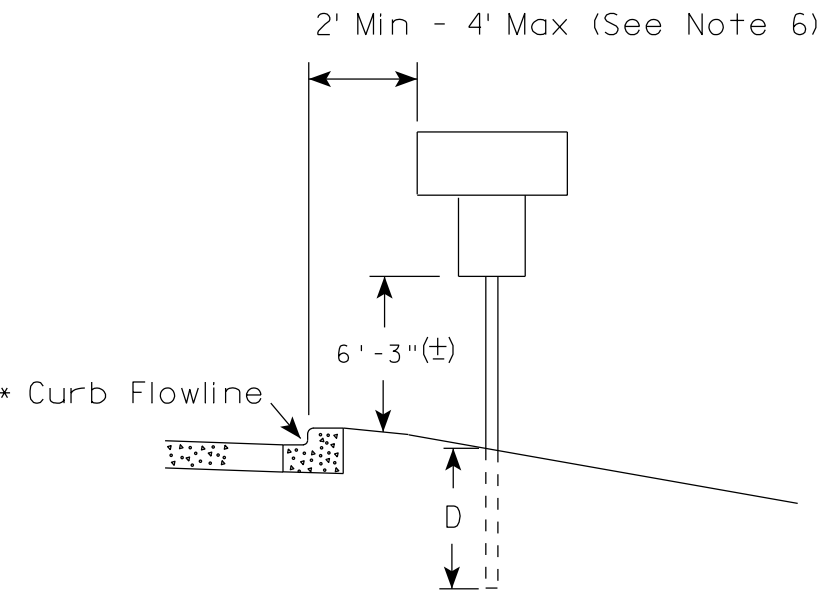
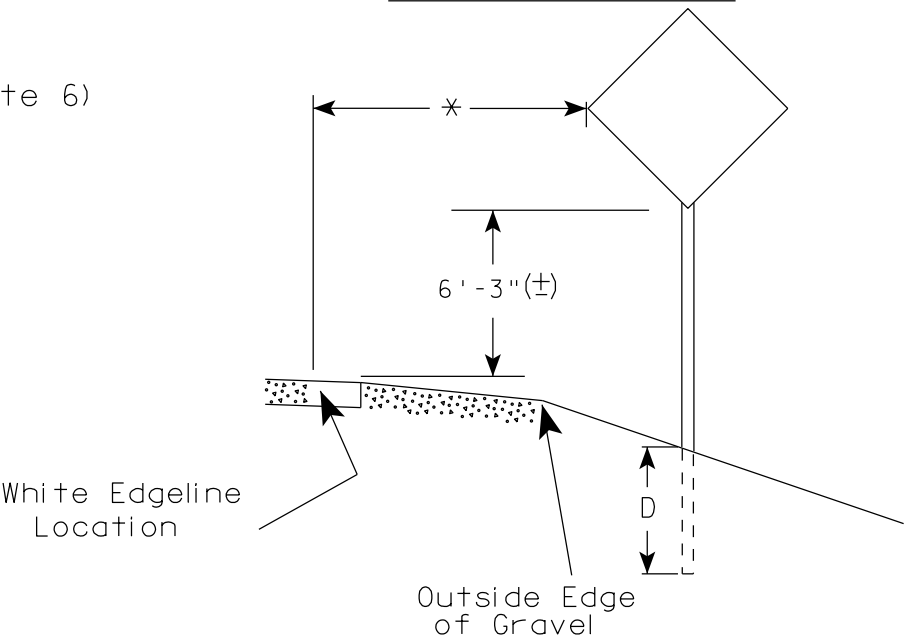
SHEET NO:

E

URBAN AREA



RURAL AREA (See Note 2)



GENERAL NOTES

1. Signs wider than 4 feet, 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on barrier wall, see A4-10 sign plate.
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 J assemblies (A4-5) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding stop signs (R1-1F) shall be mounted at a height of 5'-3" (±) or as directed by the Engineer.
9. 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), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series) & End of Rod Markers (W5-56 & W5-56A) shall be mounted at a height of 4'-3" (+).

POST EMBEDMENT DEPTH

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

×× 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.

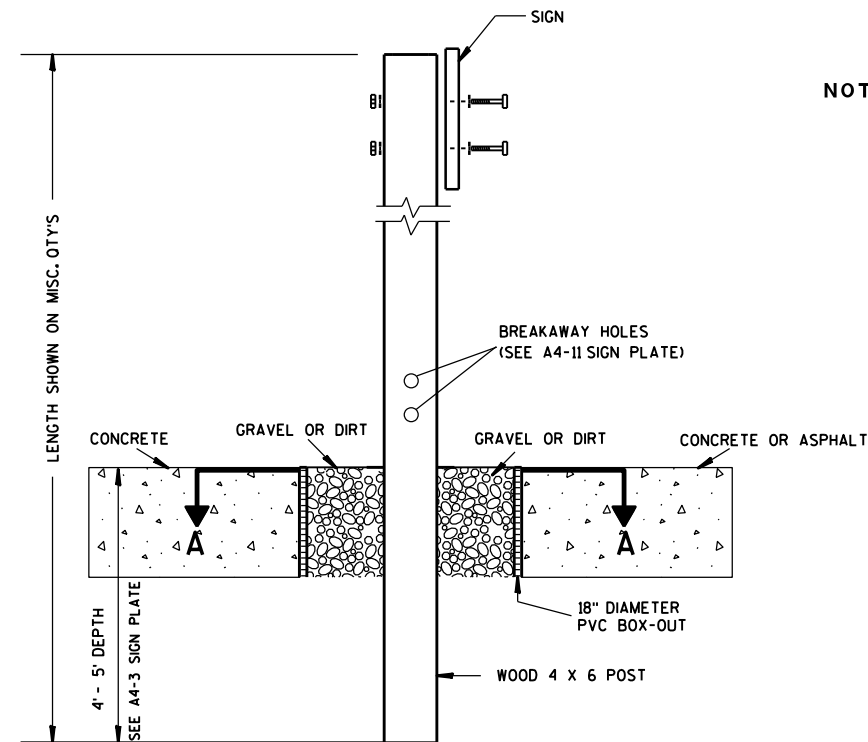
* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

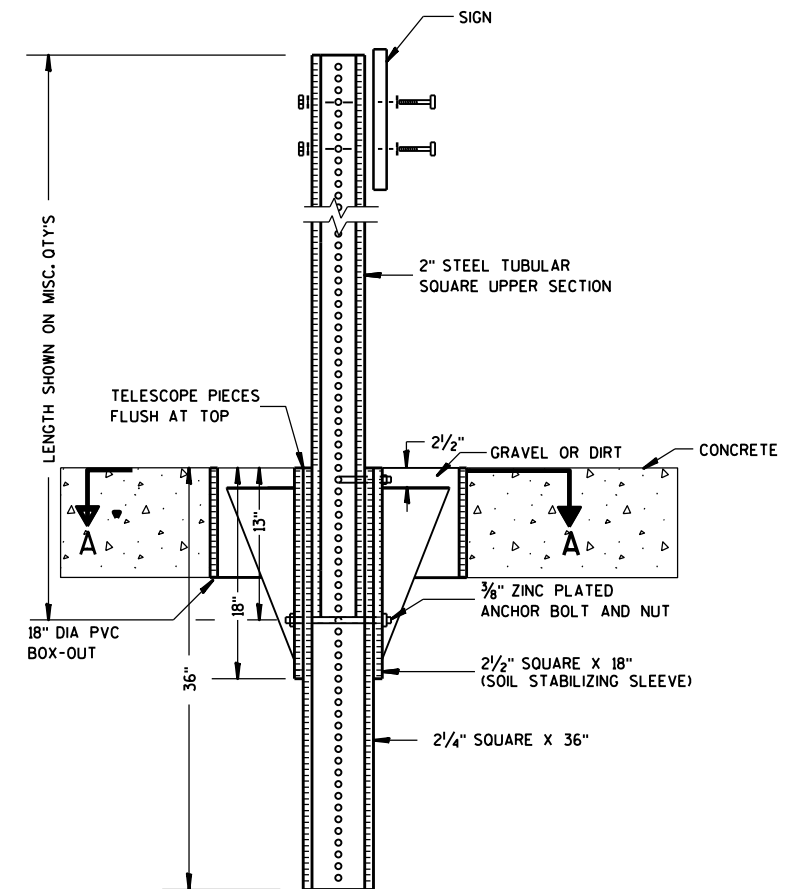
DATE 9/30/13 PLATE NO. A4-3.18



ELEVATION VIEW

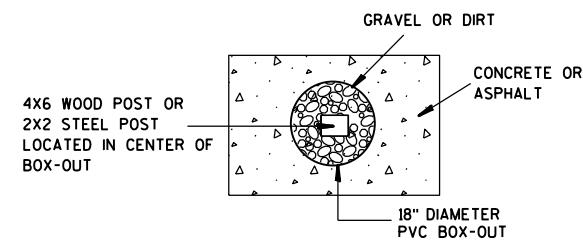
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

- 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

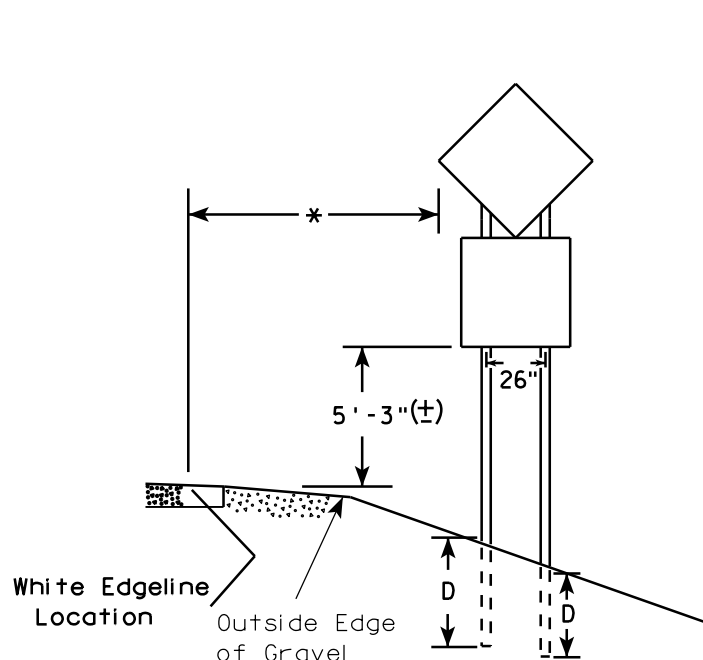
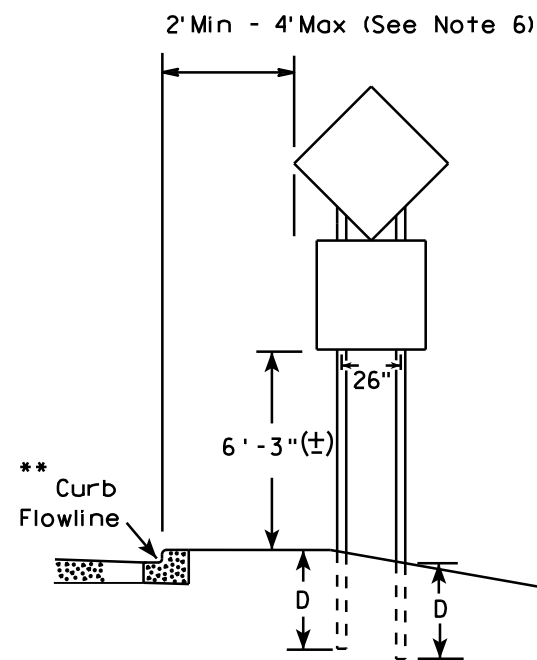
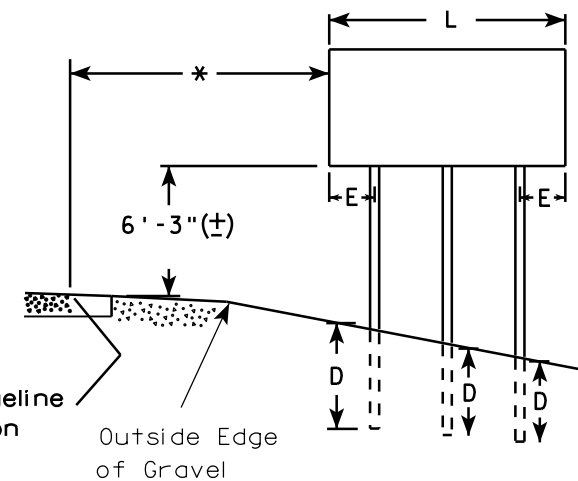
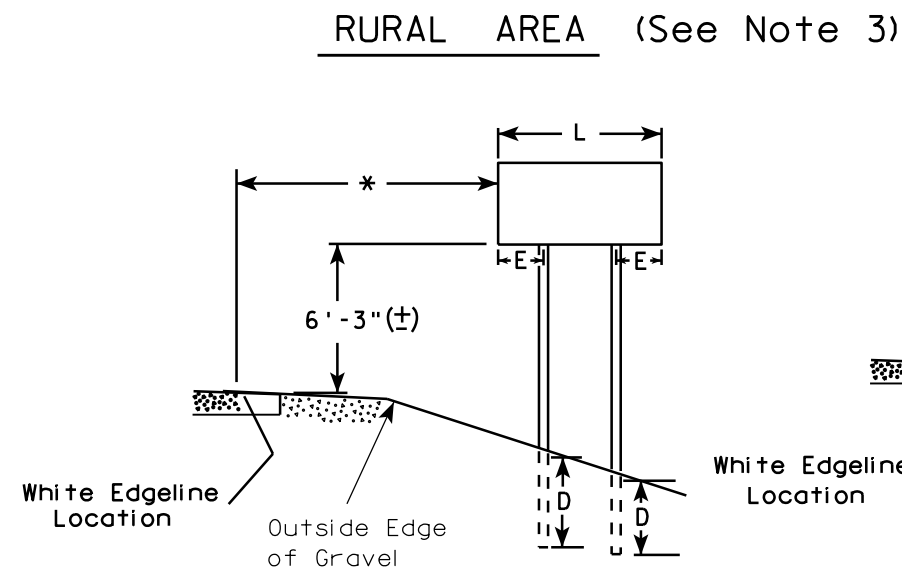
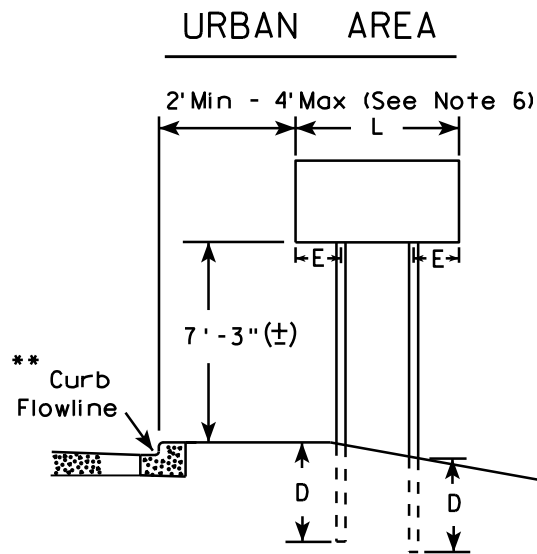
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



- 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. Minimum mounting height for J assemblies (A4-5) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
 7. Folding stop signs (R1-1F) 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) & End of Road Markers (W5-56 & W5-56A) 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 or less than 20 S.F. in area.

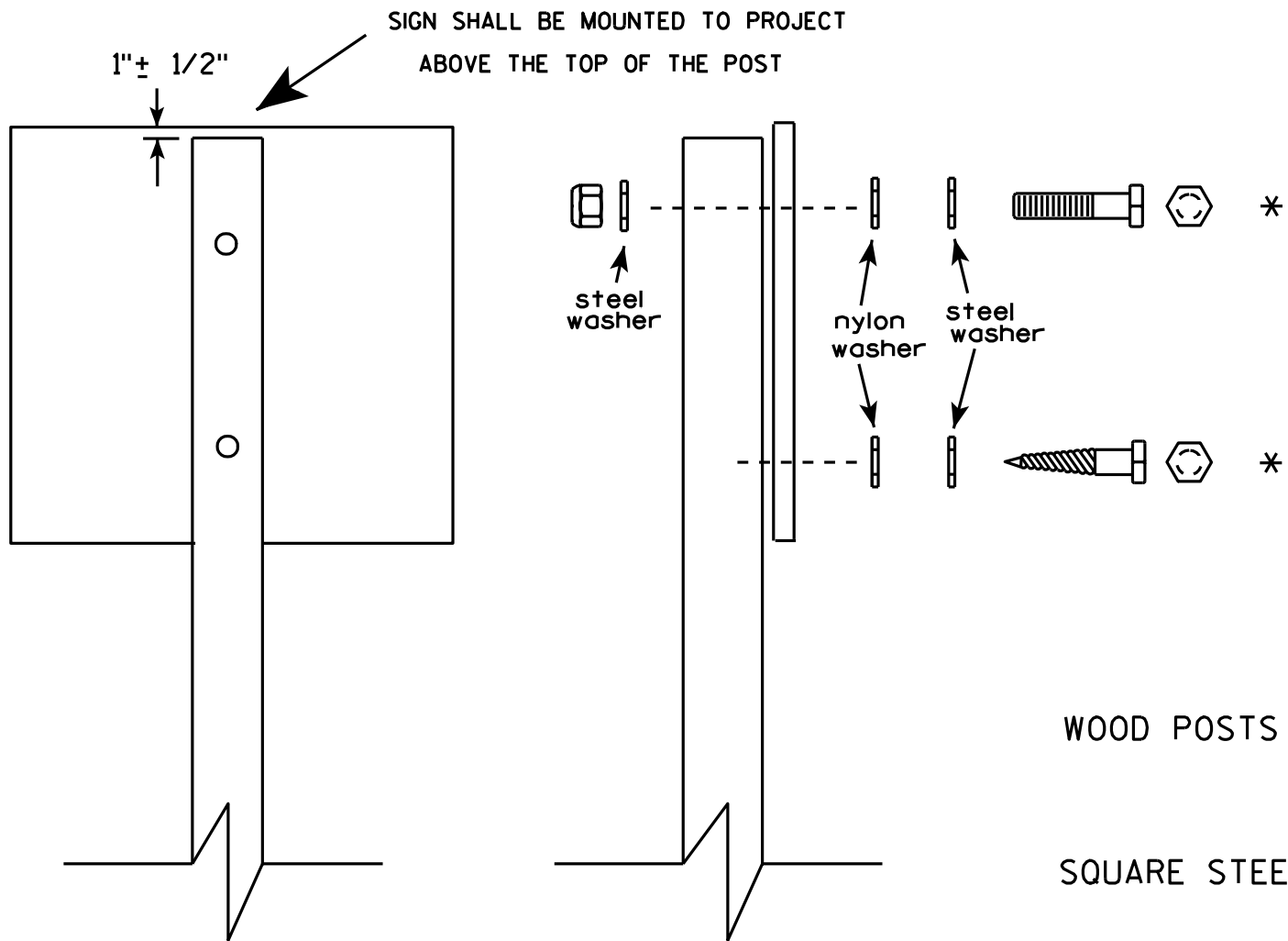
SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
L	E
Greater than 48" Less than 60"	12"
60" to 120"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 120" less than 168"	12"

SIGN SHAPE OTHER THAN DIAMOND (FOUR POSTS REQUIRED)	
L	E
168" and greater	12"

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	<i>Matthew R. Rauch</i> for State Traffic Engineer
DATE 4/29/14	PLATE NO. A4-4.13

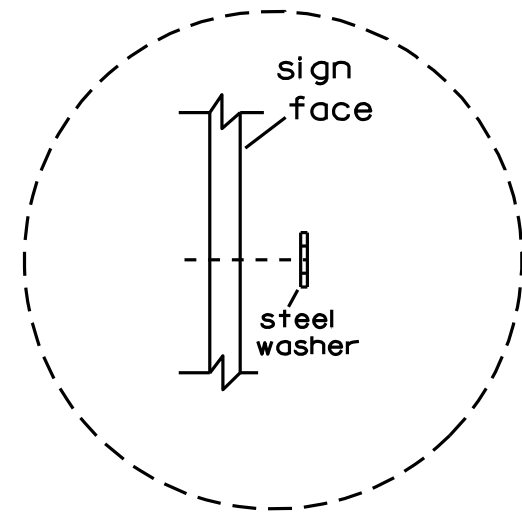


Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

- 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 POSTS (4" x 4" or 4" x 6")
LAG SCREWS - 3/8" X 3"
MACHINE BOLTS - 5/16" X 6-1/2" or 7" Length w/ nuts
- SQUARE STEEL POSTS (2" x 2")
MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts
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 for all Type H signs.



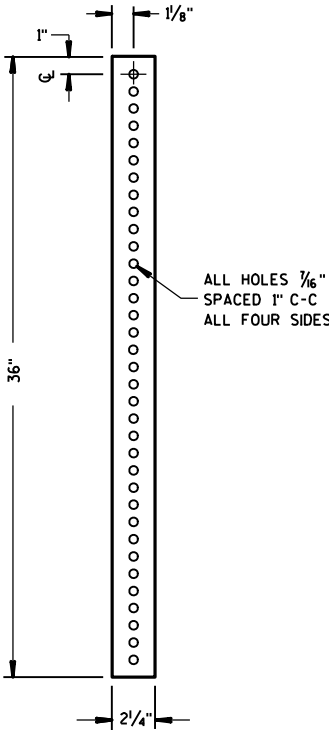
Washer Placement when Sign Has Other Than Type H or Type F Face

* 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.

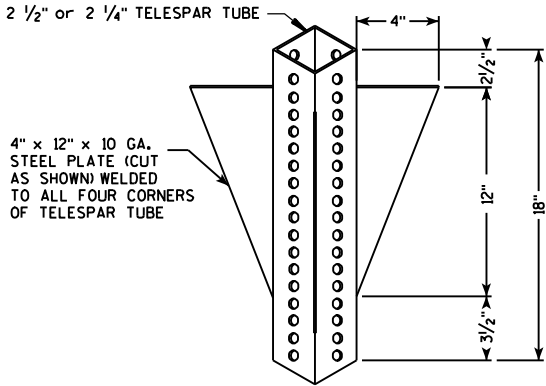
ATTACHMENT OF SIGNS TO POSTS	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> For State Traffic Engineer
DATE 3/23/10	PLATE NO. A4-8.7

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

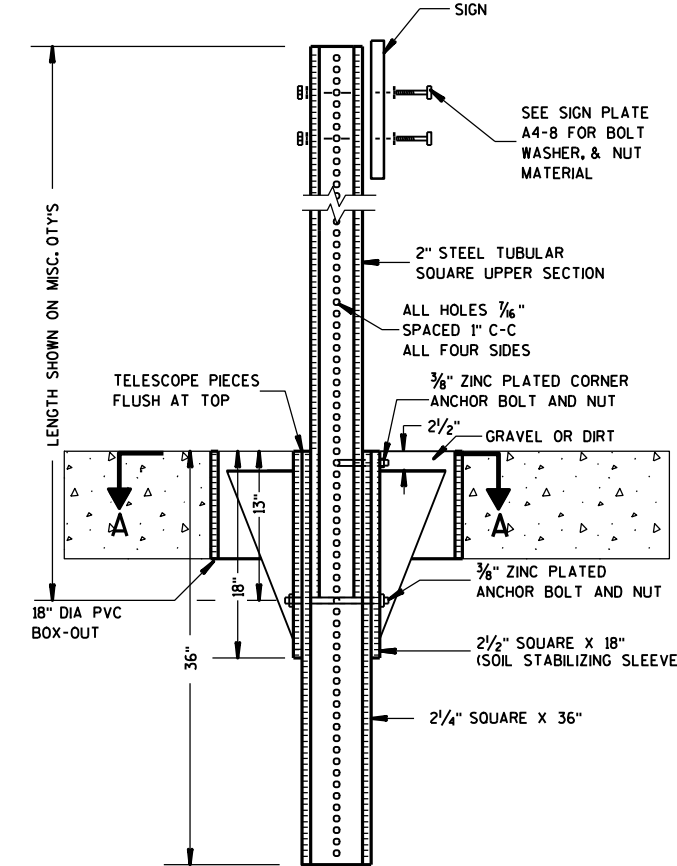
2 1/4" SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



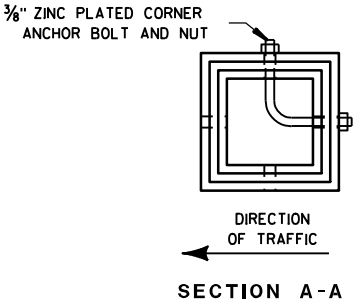
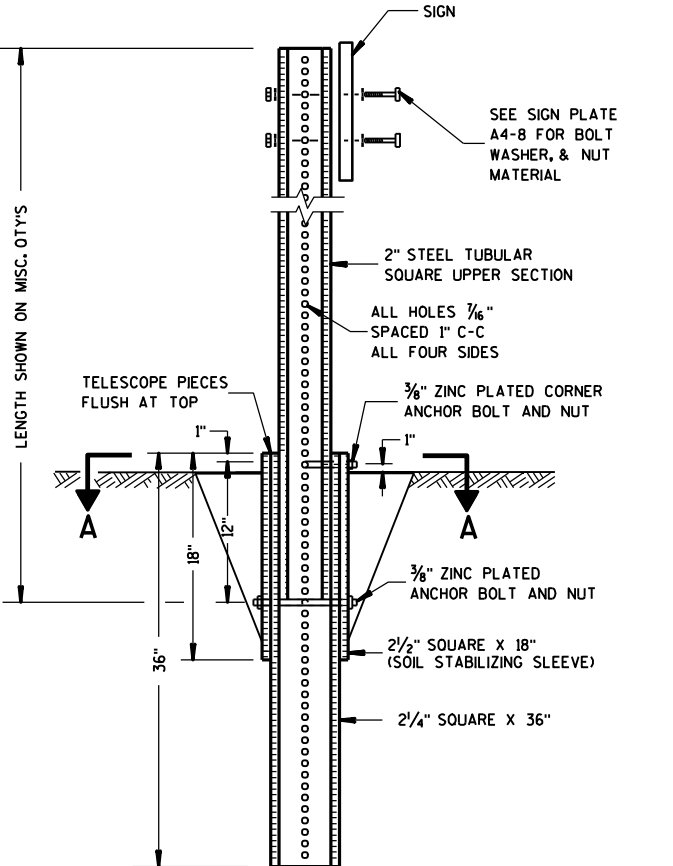
2 1/2" SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH



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)



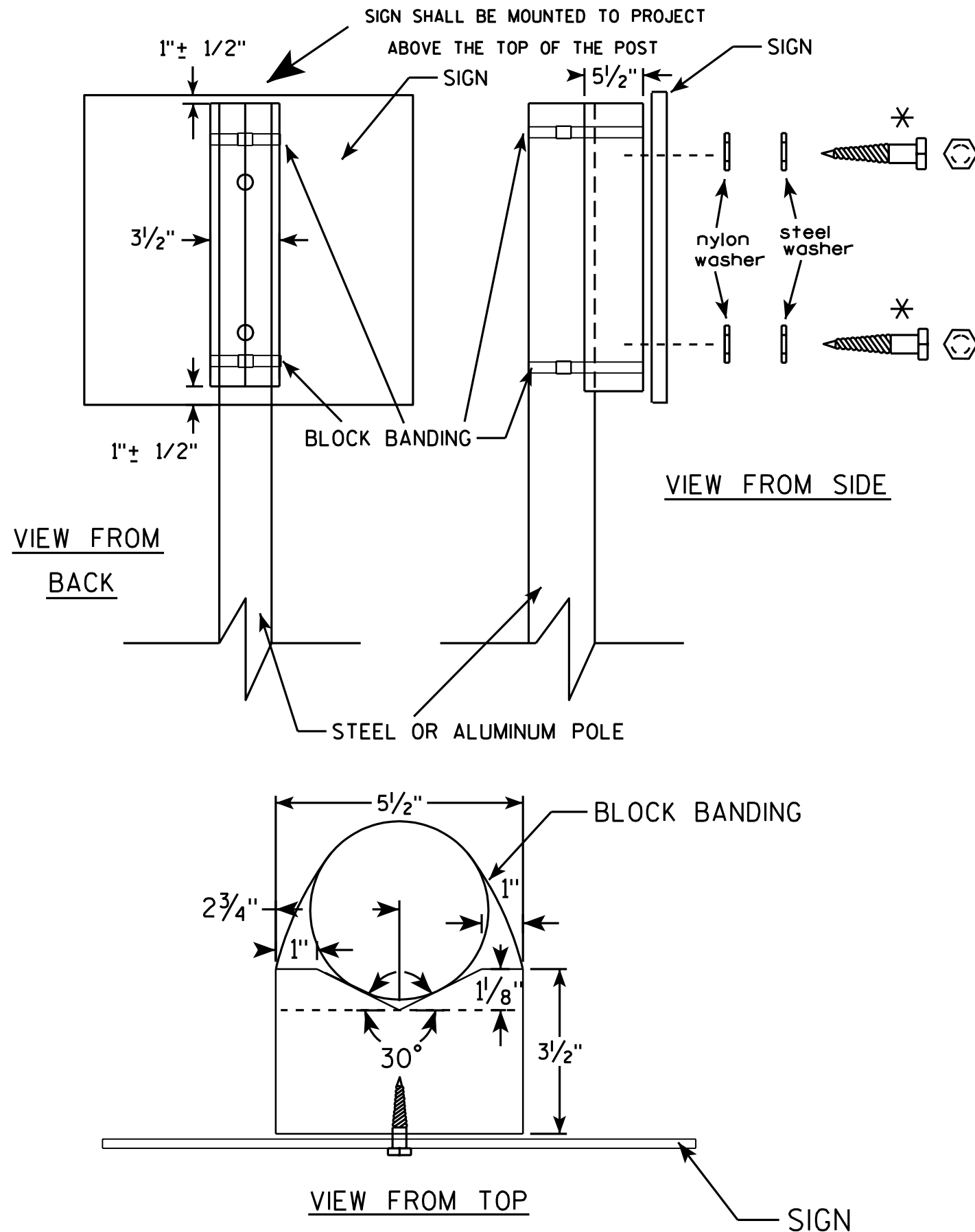
Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

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 5/30/12 PLATE NO. A4-9.7



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, 3/4" 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 NORMALLY 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, or
 - b. Cadmium plated in accordance with ASTM Designation : B 766 TYPE 3, Class 12, or
 - c. 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 1 1/4" O.D. X 3/8" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1 1/4" O.D. X 3/8" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✱ LAG BOLTS SHALL BE 3/8" X 2 1/2"

BLOCK BANDING DETAIL
(V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 7/12/07 PLATE NO. A5-10.1

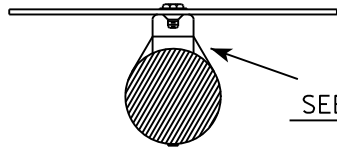
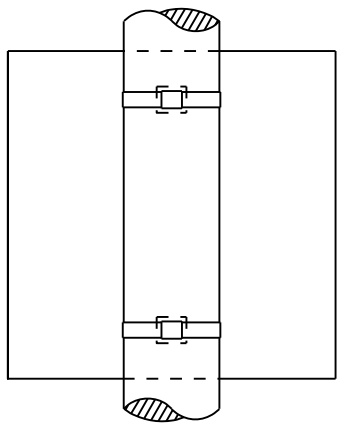
PROJECT NO:

SHEET NO:

E

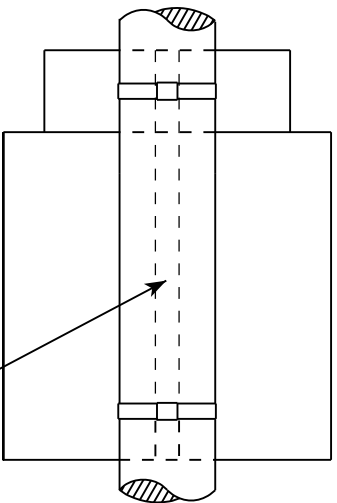
BANDING

SINGLE SIGN

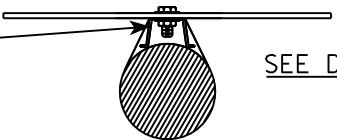


SEE DETAIL A

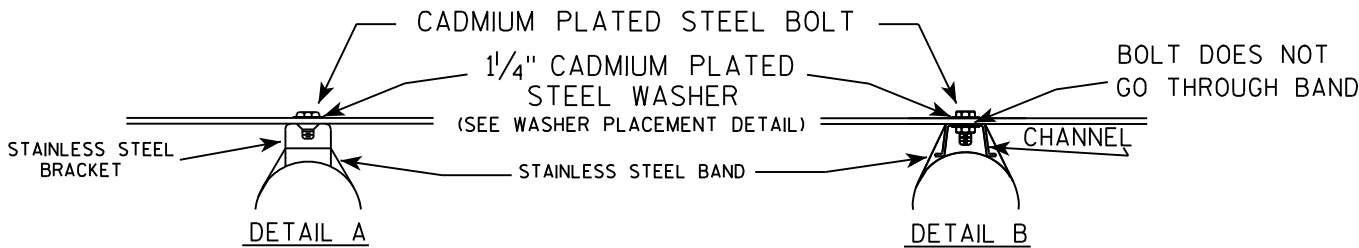
"J" ASSEMBLY



CHANNEL
SEE TYPICAL PANEL
INSTALLATION SHEET



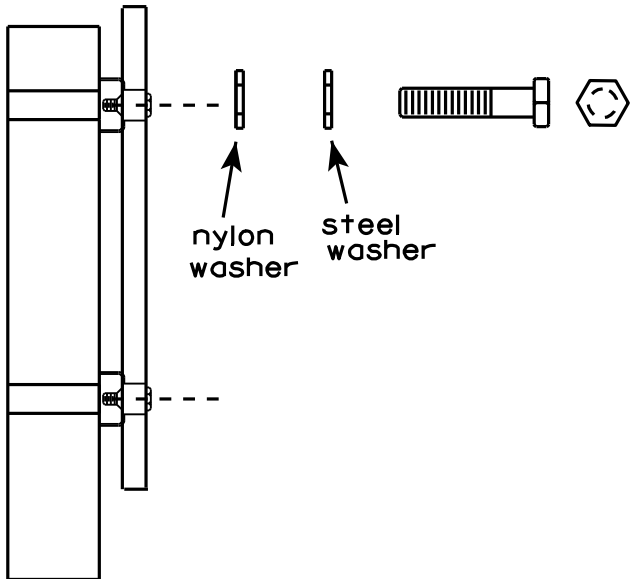
SEE DETAIL B



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 $\frac{3}{4}$ " in width and 0.025" thickness.

WASHER PLACEMENT



nylon washer

steel washer

WASHERS (ALL POSTS) -
1-1/4" O.D. X $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ " STEEL
1-1/4" O.D. X $\frac{3}{8}$ " 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 8/16/13

PLATE NO. A5-9.3

PROJECT NO:

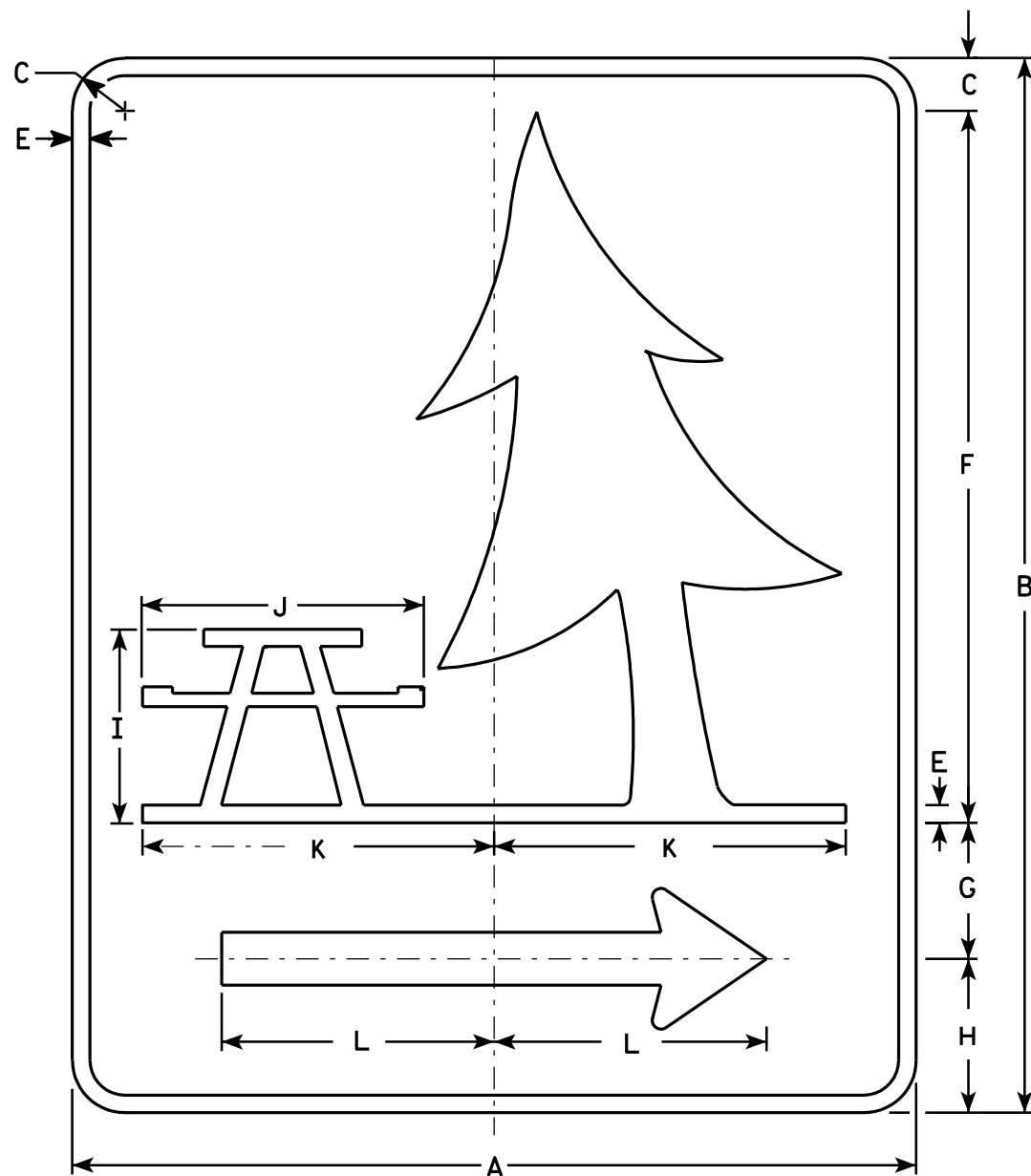
HWY:

COUNTY:

SHEET NO:

E

57, 58, 59, 60, 61, 62



D5-5A

Metric equivalent
for this sign is:

SIZE	
1	600 mm X 750 mm
2	600 mm X 750 mm
3	
4	
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		
1	24	30	1 1/2		1/2	20 1/4	3 7/8	4 3/8	5 1/2	8	10	7 3/4	3	1 3/4	3/4												5.0	0.45
2	24	30	1 1/2		1/2	20 1/4	3 7/8	4 3/8	5 1/2	8	10	7 3/4	3	1 3/4	3/4												5.0	0.45
3																												
4																												
5																												

STATE PROJECT NUMBER:

HWY:

COUNTY:

STANDARD SIGN
D5-5A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

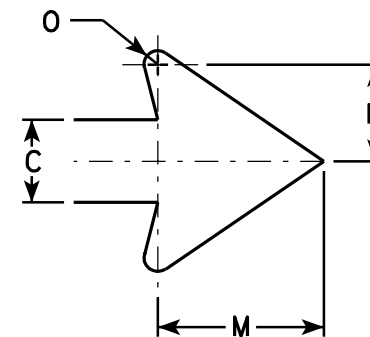
DATE 02/21/03 PLATE NO. D5-5A.6

SHEET NO:

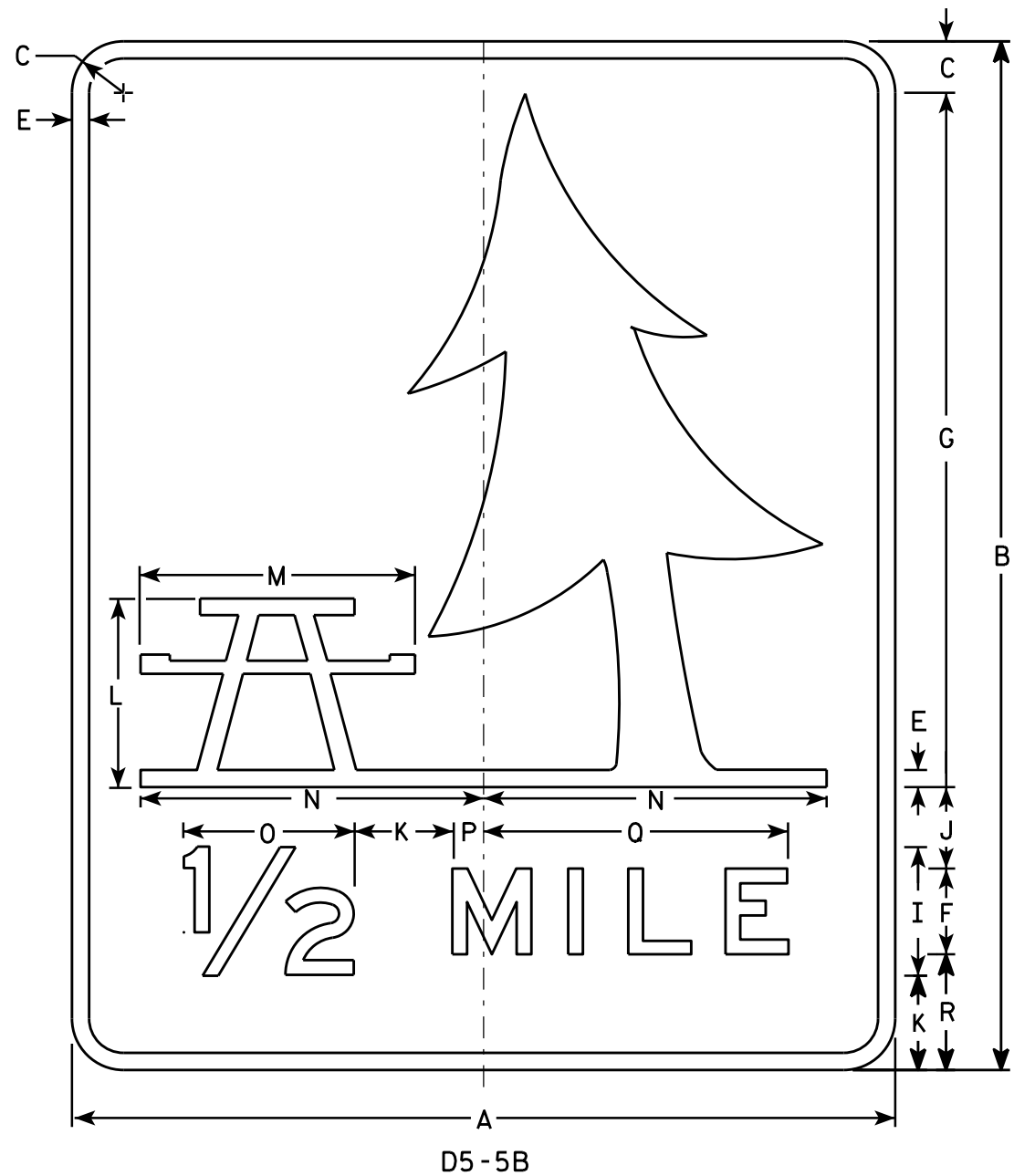
E

NOTES

- Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
 - Background - Blue
 - Message - White - Type H Reflective
- Message Series - E
- 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.



Arrow Detail



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Blue
Message - White - Type H Reflective
3. Message Series - E
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	24	30	1 1/2		1/2	2 1/2	20 1/4	2 3/8	3 3/4	1 1/4	2 7/8	5 1/2	8	10	5	7/8	8 7/8	3 3/8									5.0
2	24	30	1 1/2		1/2	2 1/2	20 1/4	2 3/8	3 3/4	1 1/4	2 7/8	5 1/2	8	10	5	7/8	8 7/8	3 3/8									5.0
3																											
4																											
5																											

STANDARD SIGN
D5-5B

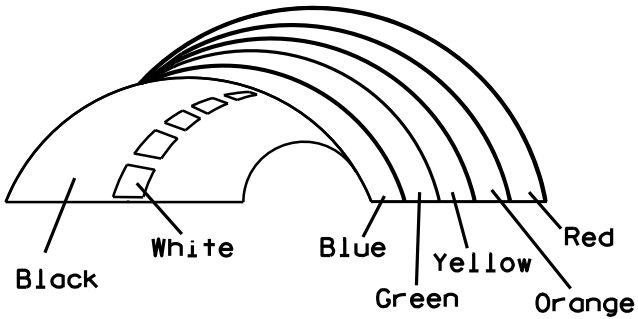
WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer
DATE 9/25/13 PLATE NO. D5-5B.7



* VARIES

Background Colors of Symbol*



*1/4" Black Border between each color of rainbow and border of rainbow

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 - (See Note 5)
3. Message Series - (See Note 6)
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. Border - Blue
Line 1 - Red
Line 2 - Black
Line 3-5 - Blue
6. Line 1 - Dutch 8011L
Line 2 - Series E
Line 3-5 - Series C
7. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign 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	36	1 1/2	1/2	5/8	3	2	3 1/2	2 7/8	1	8	2 1/8	11 1/4	11 1/8	9 3/8	1 1/4		3/4	12 5/8	7 1/2							7.5
3																											
4																											
5																											

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

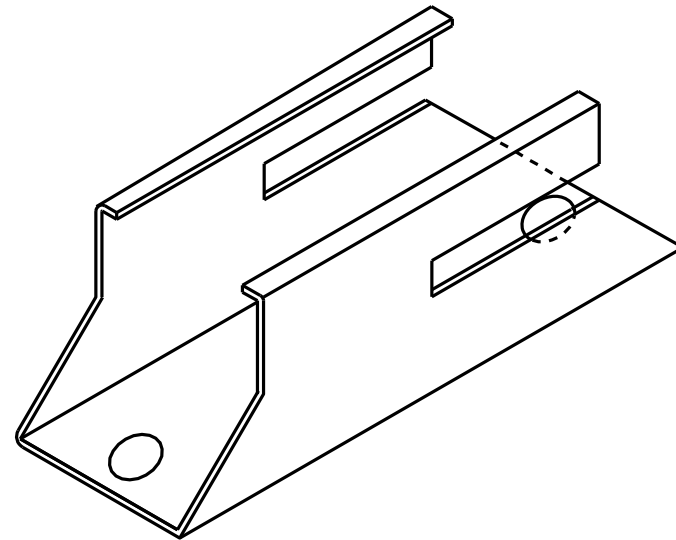
STANDARD SIGN
I55-56

WISCONSIN DEPT OF TRANSPORTATION

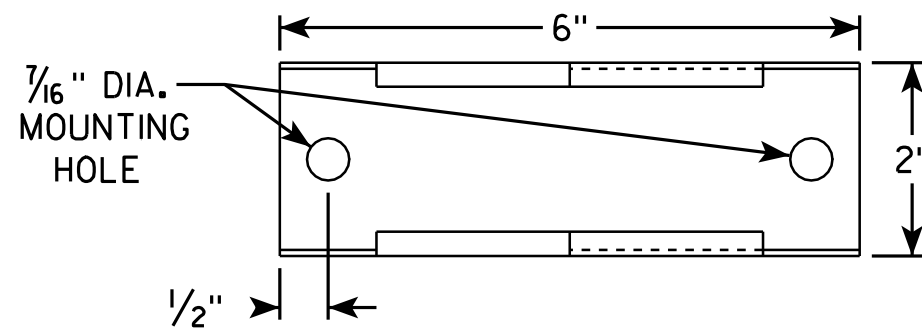
APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 4/27/11 PLATE NO. I55-56.3

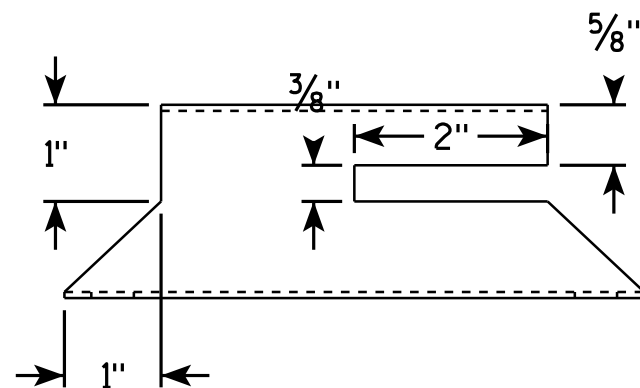
ISOMETRIC VIEW



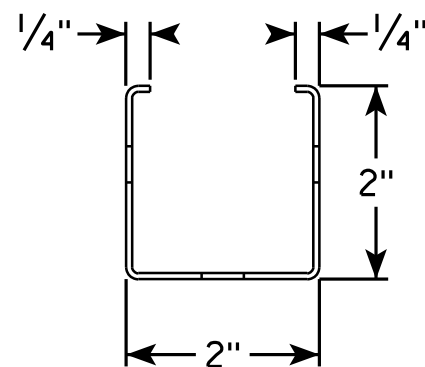
TOP VIEW



SIDE VIEW



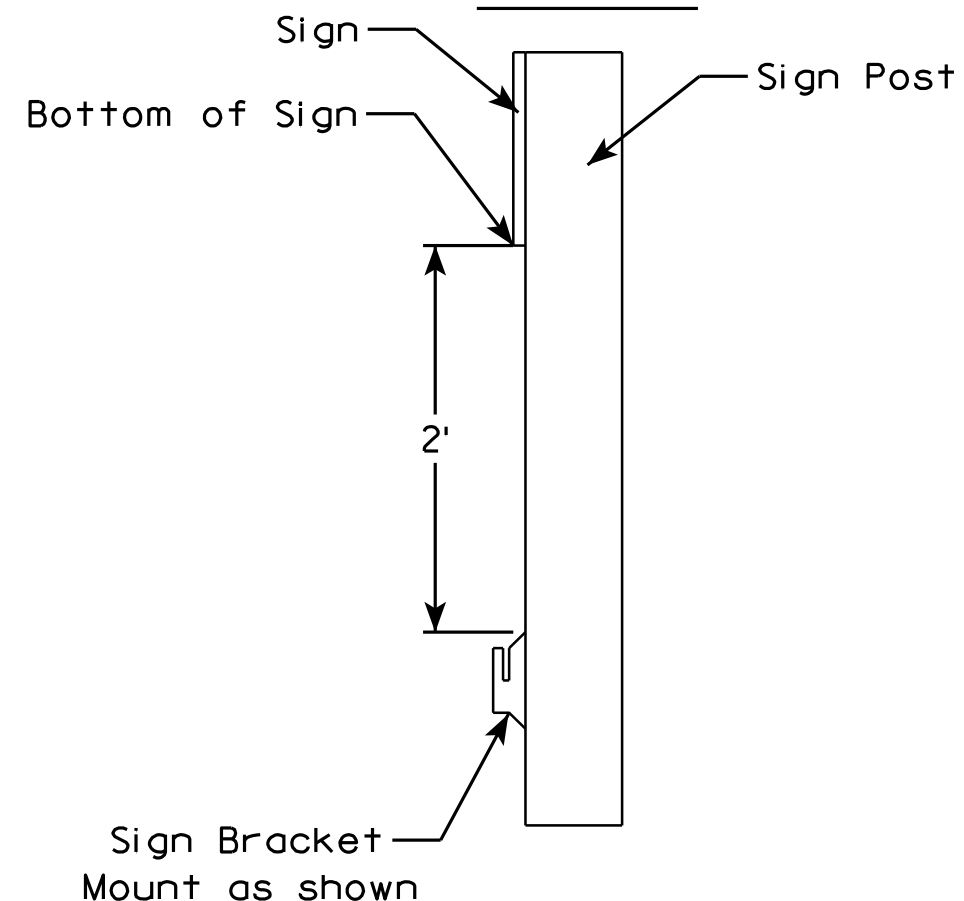
END VIEW



NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

SIDE VIEW



ROLLUP SIGN BRACKET
I55-56B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 2/5/10 PLATE NO. I55-56B.1

PROJECT NO:

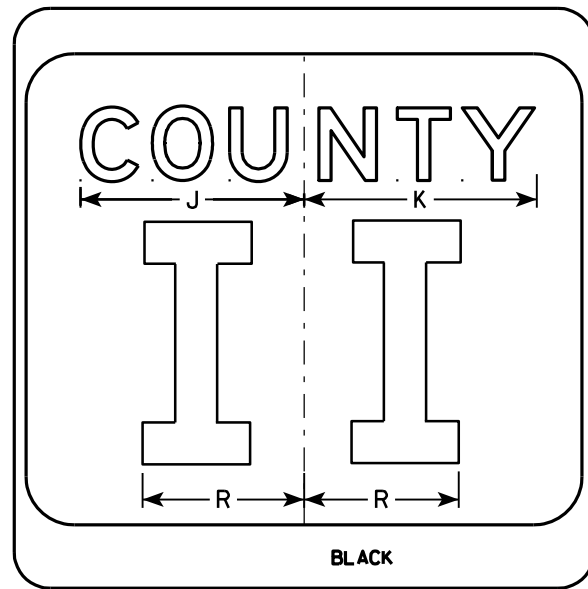
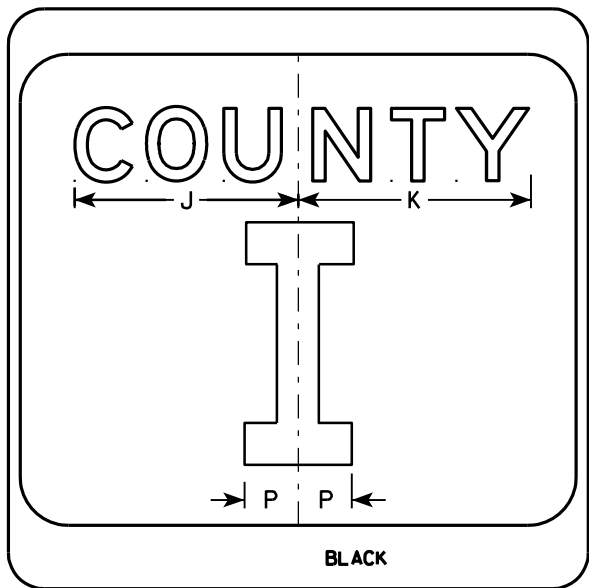
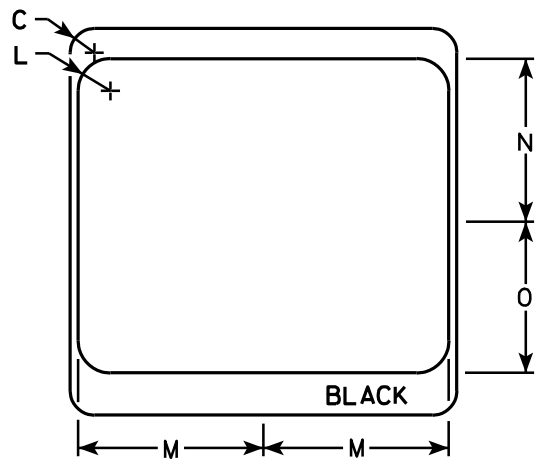
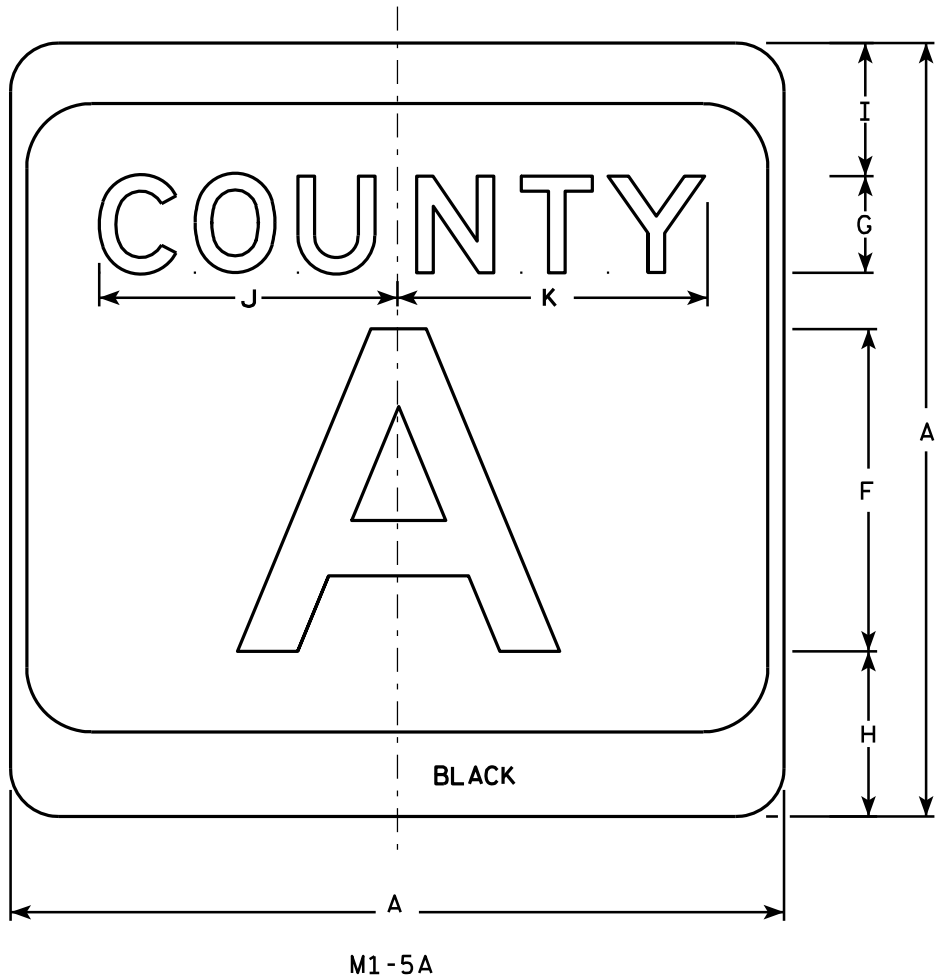
HWY:

COUNTY:

SHEET NO:

E

7



NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - White & Black - See Note 7
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. Message Series E for 1 letter.
Message Series D for 2 letters unless message is too big then Series C.
Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
Background - Type H Reflective
Detour or temporary Signs
Background - Reflective

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			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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CTH MARKER

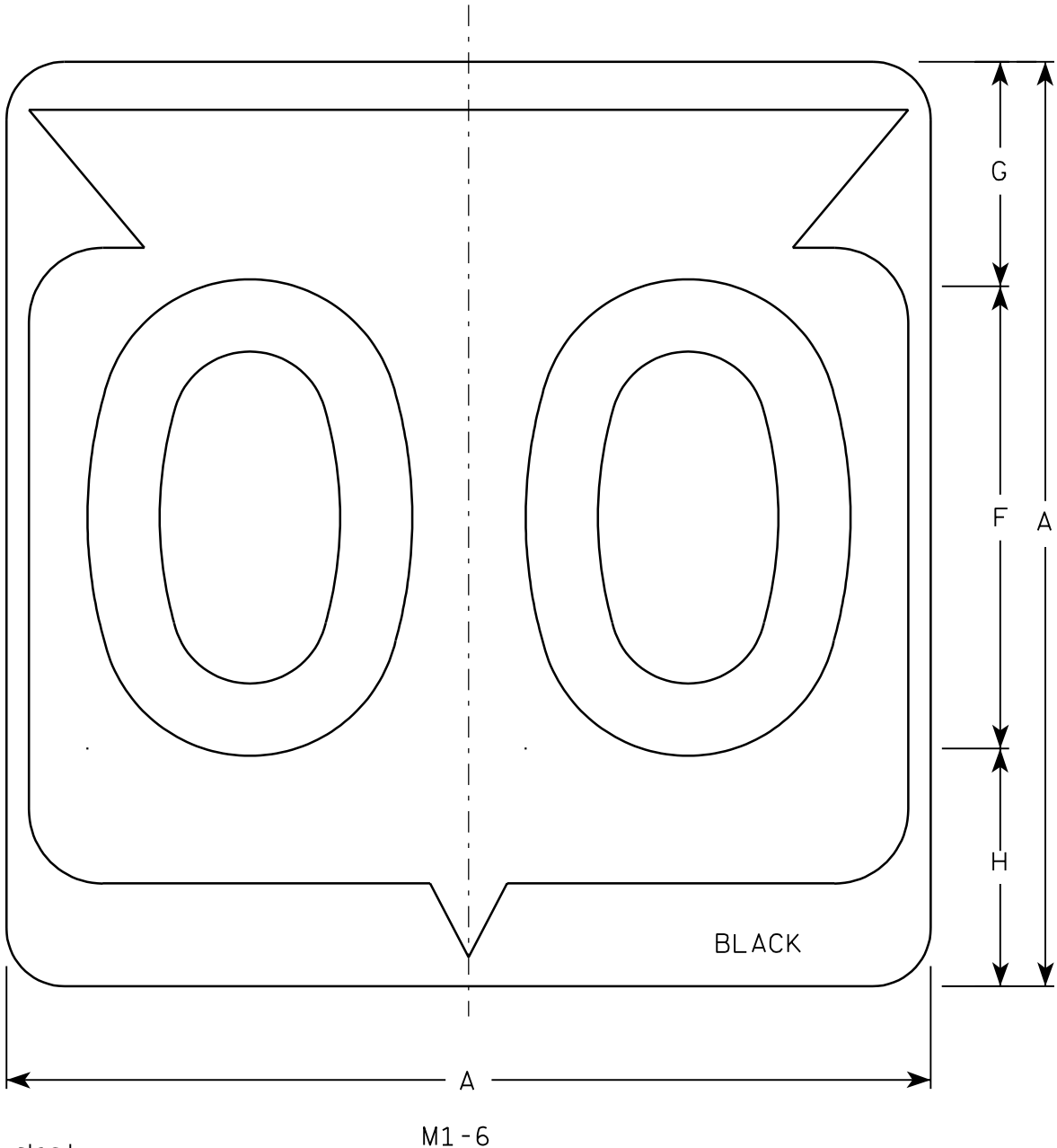
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 9/27/11 PLATE NO. M1-5A.8

7



Metric equivalent
for this sign is:

SIZE	
1	
2	600 mm X 600 mm
3	900 mm X 900 mm
4	900 mm X 900 mm
5	900 mm X 900 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 m ²
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	.36
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	.81
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	.81
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	.81

PROJECT NO:

HWY:

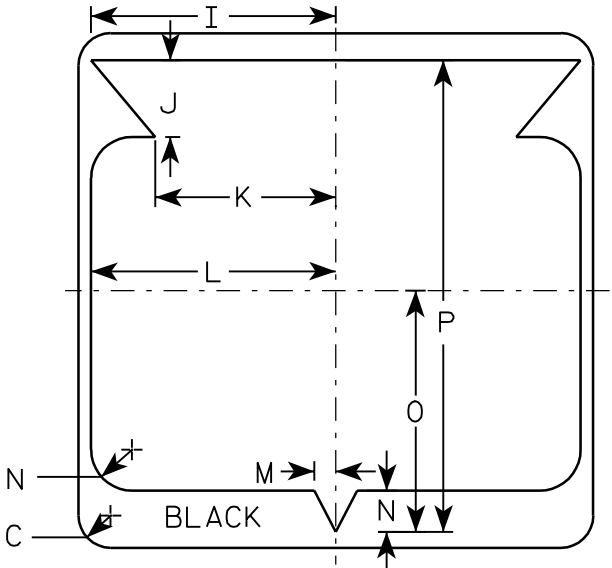
COUNTY:

SHEET NO:

E

NOTES

1. Sign is Type II - See Note 6 - reference
WIS DOT Standard Specification for HIGHWAY
and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - White & Black - See Note 6
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. Substitute appropriate Series numerals and
adjust spacing as per plate A10-1.
6. Permanent Signs
Background - Type H Reflective
Detour or temporary Signs
Background - Reflective



STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

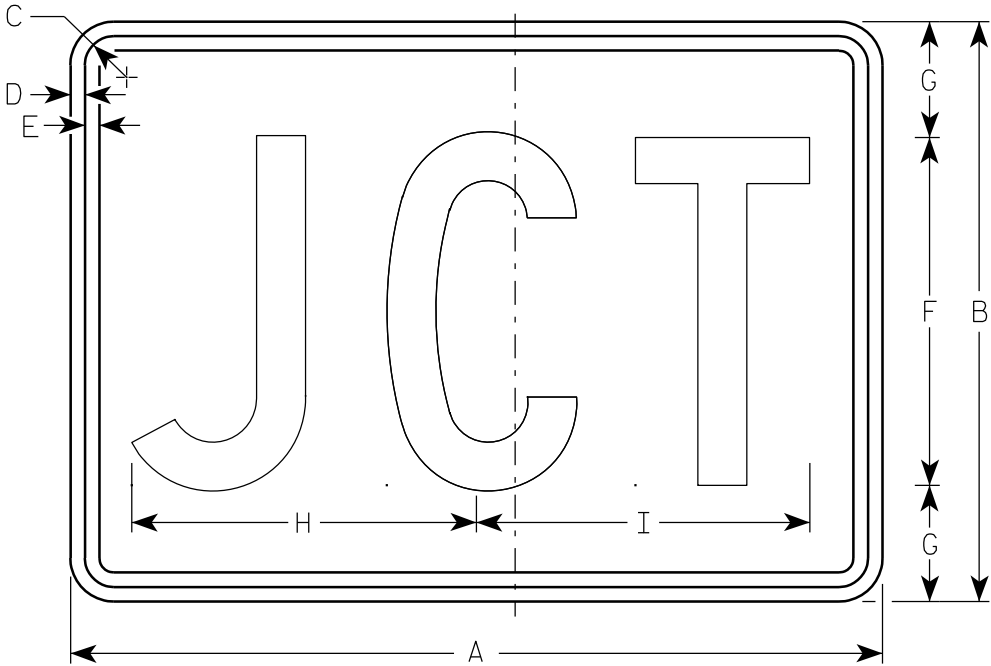

for State Traffic Engineer

DATE 3/20/02

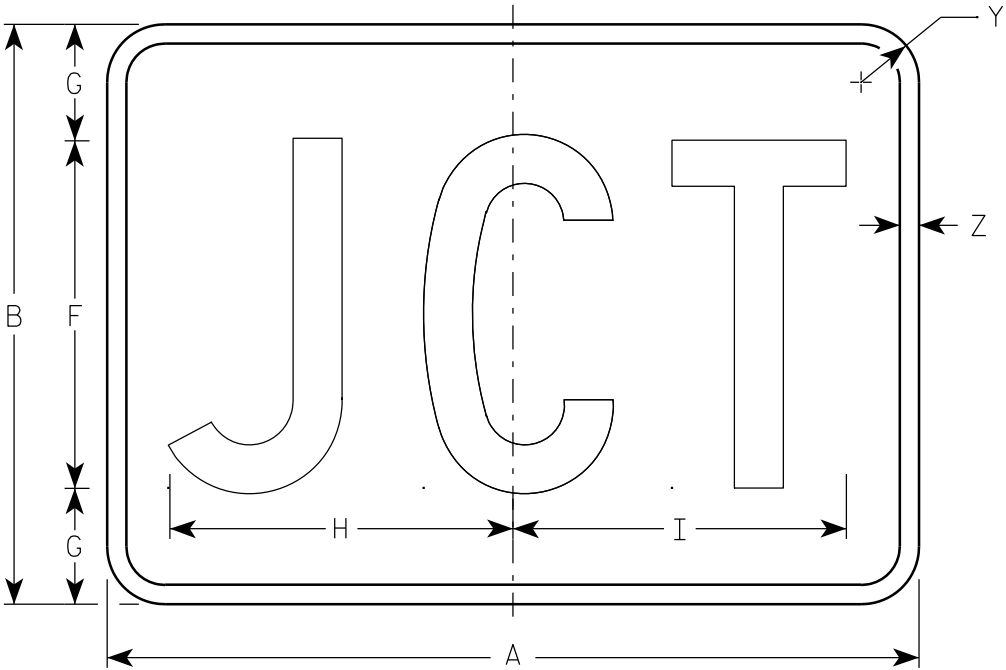
PLATE NO. M1-6.9

NOTES

1. Sign is Type II - See Note 5 - reference
WIS DOT Standard Specification for HIGHWAY
and STRUCTURE CONSTRUCTION latest edition.
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. M2-1 Background - White - Type H Reflective
(Detour or temporary Signs - Reflective)
Message - Black
MB2-1 Background - Blue
Message - White - Type H Reflective
(Detour or temporary Signs - Reflective)
MG2-1 Background - Green
Message - White - Type H Reflective
MK2-1 Background - Green
Message - White - Type H Reflective
MM2-1 Background - White - Type H Reflective
Message - Green
MN2-1 Background - Brown
Message - White - Type H Reflective
MR2-1 Background - Brown
Message - Yellow - Type H Reflective



M2-1
MK2-1
MM2-1
MR2-1



MB2-1
MG2-1
MN2-1

Metric equivalent
for this sign is:

SIZE	
1	
2	525 mm X 375 mm
3	750 mm X 525 mm
4	750 mm X 525 mm
5	750 mm X 525 mm

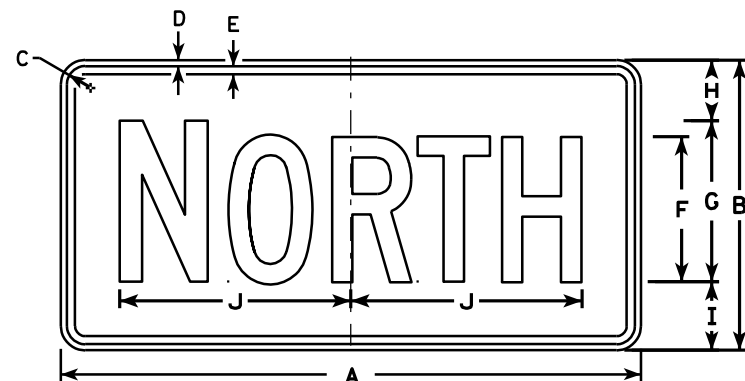
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m ²
1																												
2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20	0.20
3	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.20
4	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.20
5	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.20

STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

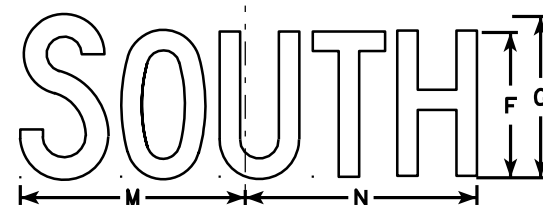
DATE 3/16/10 PLATE NO. M2-1.10



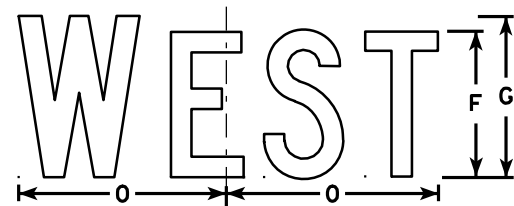
M3-1
MK3-1
M03-1



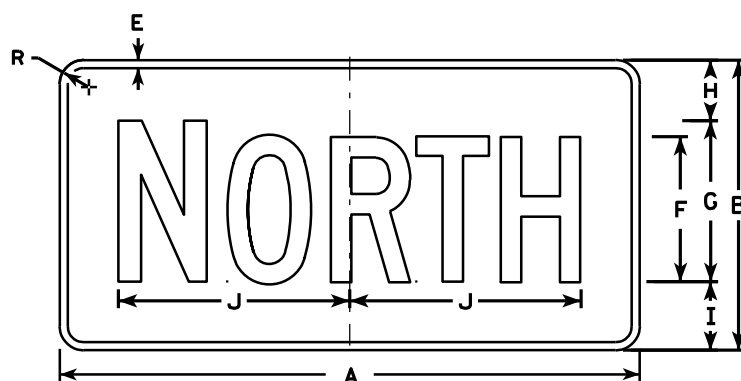
M3-2
MK3-2
M03-2



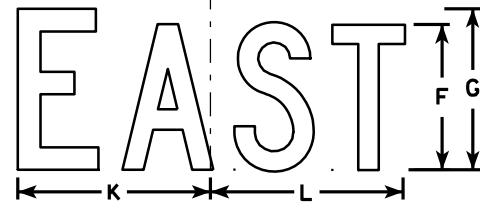
M3-3
MK3-3
M03-3



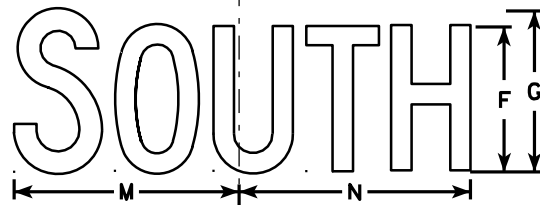
M3-4
MK3-4
M03-4



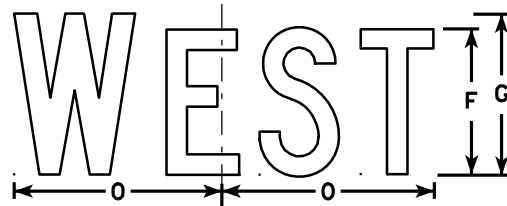
MB3-1
MG3-1
MM3-1
MN3-1



MB3-2
MG3-2
MM3-2
MN3-2



MB3-3
MG3-3
MM3-3
MN3-3



MB3-4
MG3-4
MM3-4
MN3-4

NOTES

1. All Signs Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
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 - Type H Reflective (Detour or temporary signs - Reflective)
Message - Black
MB3-1 thru MB3-4 Background - Blue
Message - White - Type H Reflective (Detour or temporary signs - Reflective)
MG3-1 thru MG3-4 Background - Green
Message - White - Type H Reflective
MK3-1 thru MK3-4 Background - Green
Message - White - Type H Reflective
MM3-1 thru MM3-4 Background - White - Type H Reflective
Message - Green
MN3-1 thru MN3-4 Background - Brown
Message - White - Type H Reflective
M03-1 thru M03-4 Background - Orange - Reflective
Message - Black
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

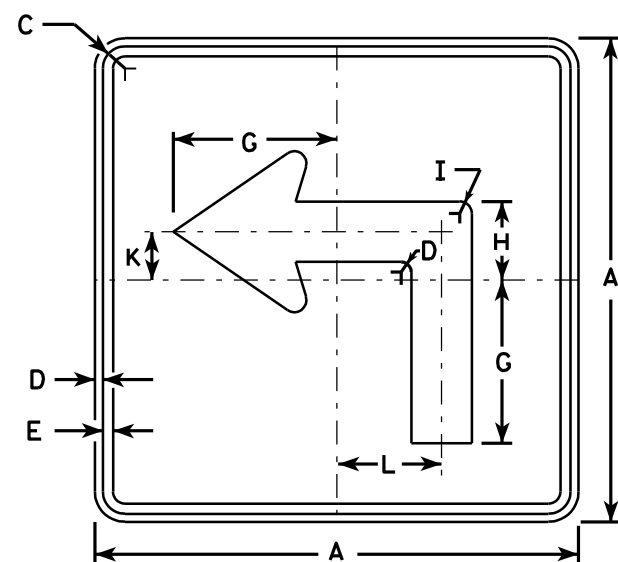
PROJECT NO: _____ HWY: _____ COUNTY: _____ SHEET NO: _____ E

STANDARD SIGNS M3-1 thru M3-4 SERIES

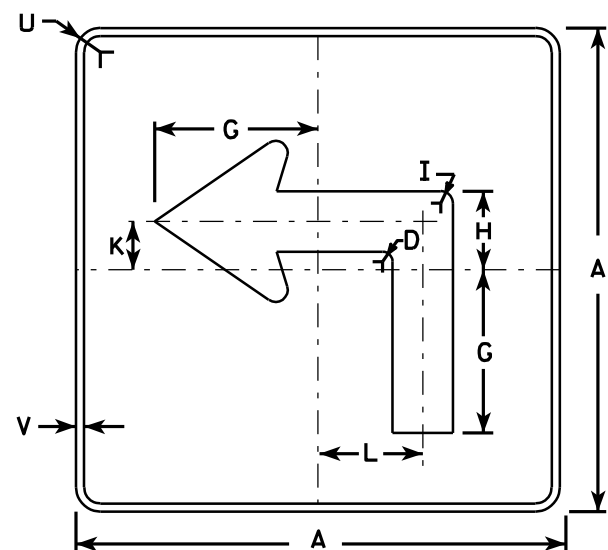
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

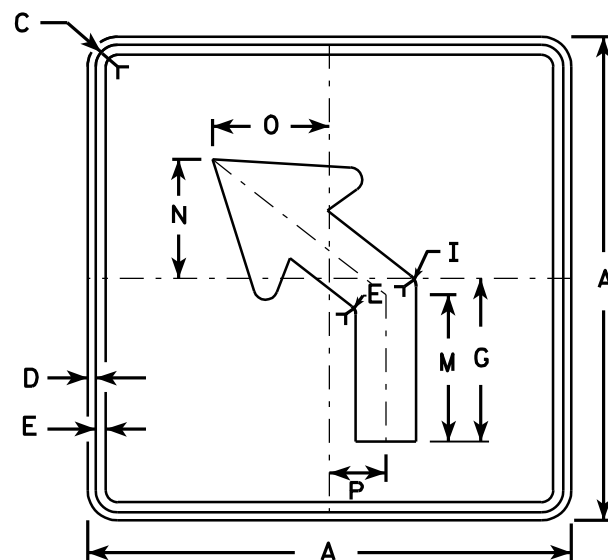
DATE 11/10/10 PLATE NO. M3-1.12



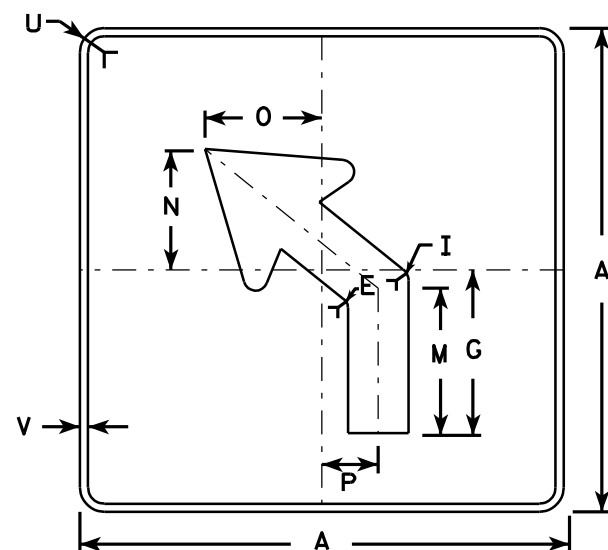
M5-1L
MK5-1L
MM5-1L
M05-1L
MP5-1L
MR5-1L



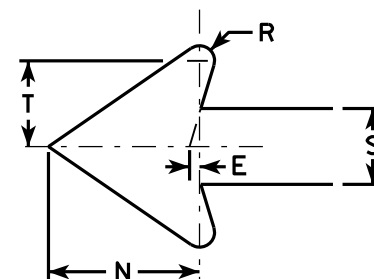
MB5-1L
MG5-1L
MN5-1L



M5-2L
MK5-2L
MM5-2L
M05-2L
MP5-2L
MR5-2L



MB5-2L
MG5-2L
MN5-2L

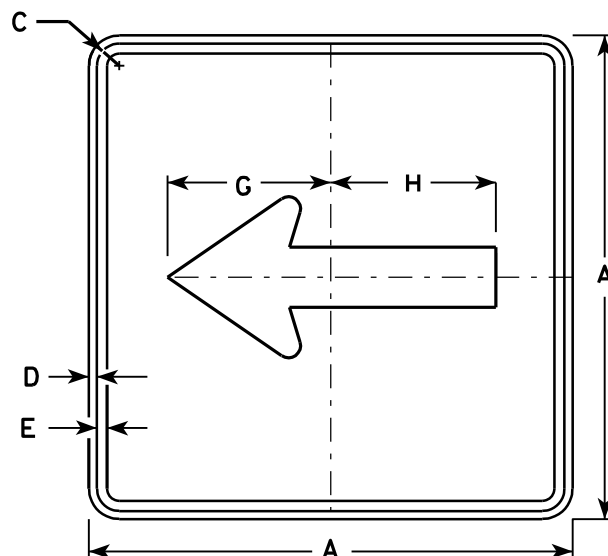


NOTES

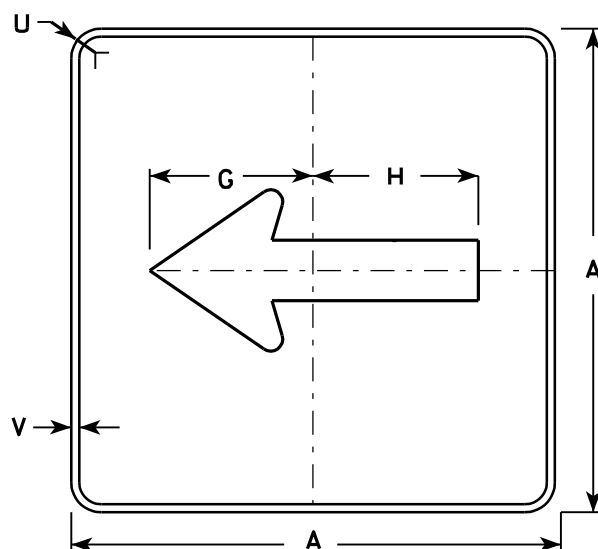
- Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
Background - See note 4
Message - See note 4
- Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- M5-1 and M5-2 Background - White - Type H Reflective
Message - Black
MB5-1 and MB5-2 Background - Blue
Message - White - Type H Reflective
MG5-1 and MG5-2 Background - Green
Message - White - Type H Reflective
MK5-1 and MK5-2 Background - Green
Message - White Type H Reflective
MM5-1 and MM5-2 Background - White - Type H Reflective
Message - Green
MN5-1 and MN5-2 Background - Brown
Message - White - Type H Reflective
M05-1 and M05-2 Background - Orange - Type F Reflective
Message - Black
MP5-1 and MP5-2 Background - White - Type H Reflective
Message - Blue
MR5-1 and MR5-2 Background - Brown
Message - Yellow - Type H Reflective
- M5-1R same as M5-1L except arrow points right.
- M5-2R same as M5-2L except arrow tilts right.

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	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25

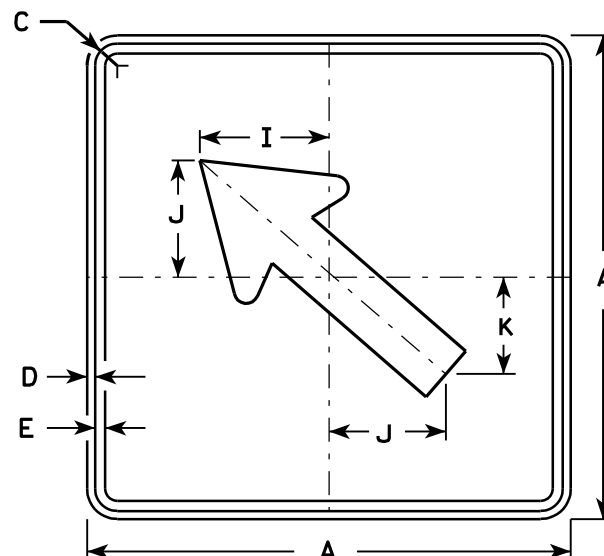
STANDARD SIGN	
M5-1 & M5-2	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> for State Traffic Engineer
DATE 7/29/13	PLATE NO. M5-1.12



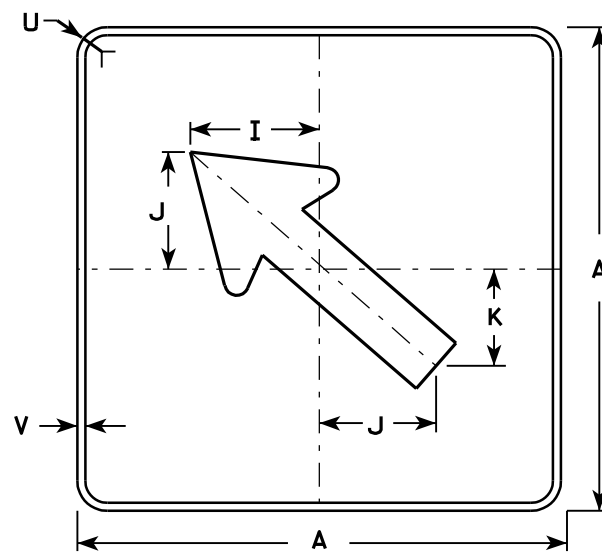
M6-1
MK6-1
MM6-1
MO6-1
MP6-1
MR6-1



MB6-1
MG6-1
MN6-1



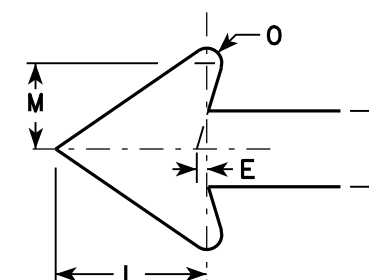
M6-2
MK6-2
MM6-2
MO6-2
MP6-2
MR6-2



MB6-2
MG6-2
MN6-2

NOTES

- Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
 - Background - See note 4
 - Message - See note 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.
- M6-1 and M6-2 Background - White - Type H Reflective Message - Black
 - MB6-1 and MB6-2 Background - Blue Message - White - Type H Reflective
 - MG6-1 and MG6-2 Background - Green Message - White - Type H Reflective
 - MK6-1 and MK6-2 Background - Green Message - White - Type H Reflective
 - MM6-1 and MM6-2 Background - White - Type H Reflective Message - Green
 - MN6-1 and MN6-2 Background - Brown Message - White - Type H Reflective
 - MO6-1 and MO6-2 Background - Orange - Type F Reflective Message - Black
 - MP6-1 and MP6-2 Background - White - Type H Reflective Message - Blue
 - MR6-1 and MR6-2 Background - Brown Message - Yellow - Type H Reflective



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 7/29/13 PLATE NO. M6-1.13

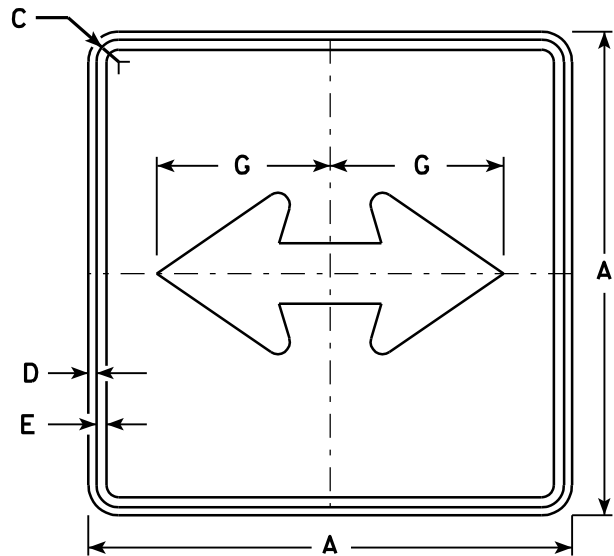
PROJECT NO:

HWY:

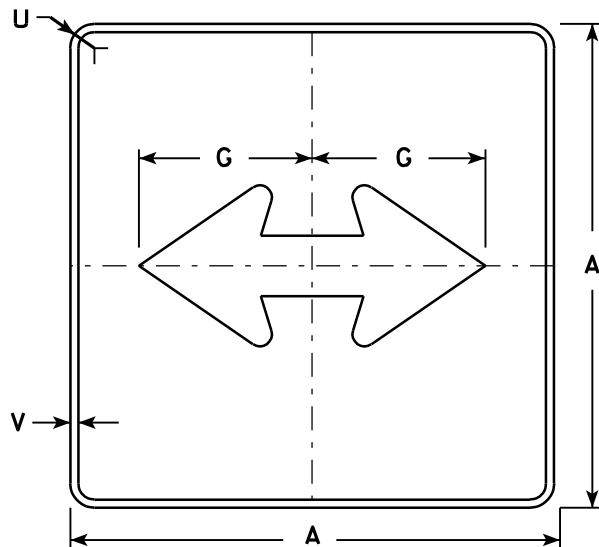
COUNTY:

SHEET NO:

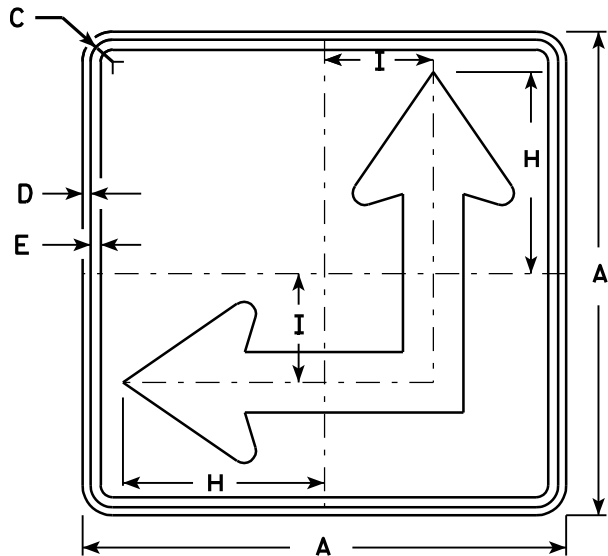
E



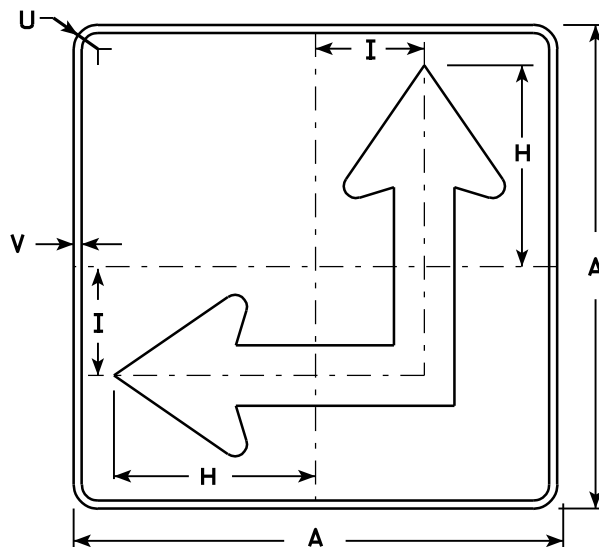
M6 - 4
MK6 - 4
MM6 - 4
MO6 - 4
MP6 - 4
MR6 - 4



MB6 - 4
MG6 - 4
MN6 - 4



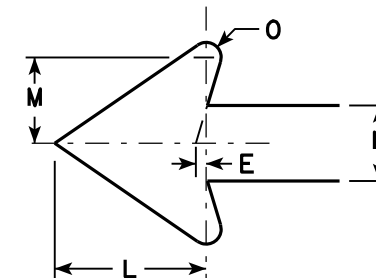
M6 - 6
MK6 - 6
MM6 - 6
MO6 - 6
MP6 - 6
MR6 - 6



MB6 - 6
MG6 - 6
MN6 - 6

NOTES

- Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
Background - See Note 4
Message - See Note 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.
- M6-4 and M6-6 Background - White - Type H Reflective
Message - Black
MB6-4 and MB6-6 Background - Blue
Message - White - Type H Reflective
MG6-4 and MG6-6 Background - Green
Message - White - Type H Reflective
MK6-4 and MK6-6 Background - Green
Message - White - Type H Reflective
MM6-4 and MM6-6 Background - White - Type H Reflective
Message - Green
MN6-4 and MN6-6 Background - Brown
Message - White - Type H Reflective
MO6-4 and MO6-6 Background - Orange - Type F Reflective
Message - Black
MP6-4 and MP6-6 Background - White - Type H Reflective
Message - Blue
MR6-4 and MR6-6 Background - Brown
Message - Yellow - Type H Reflective
- M6-6R same as M6-6L except arrow points ahead and right.



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	8 3/4	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	12 1/2	6 3/4			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	12 1/2	6 3/4			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	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25

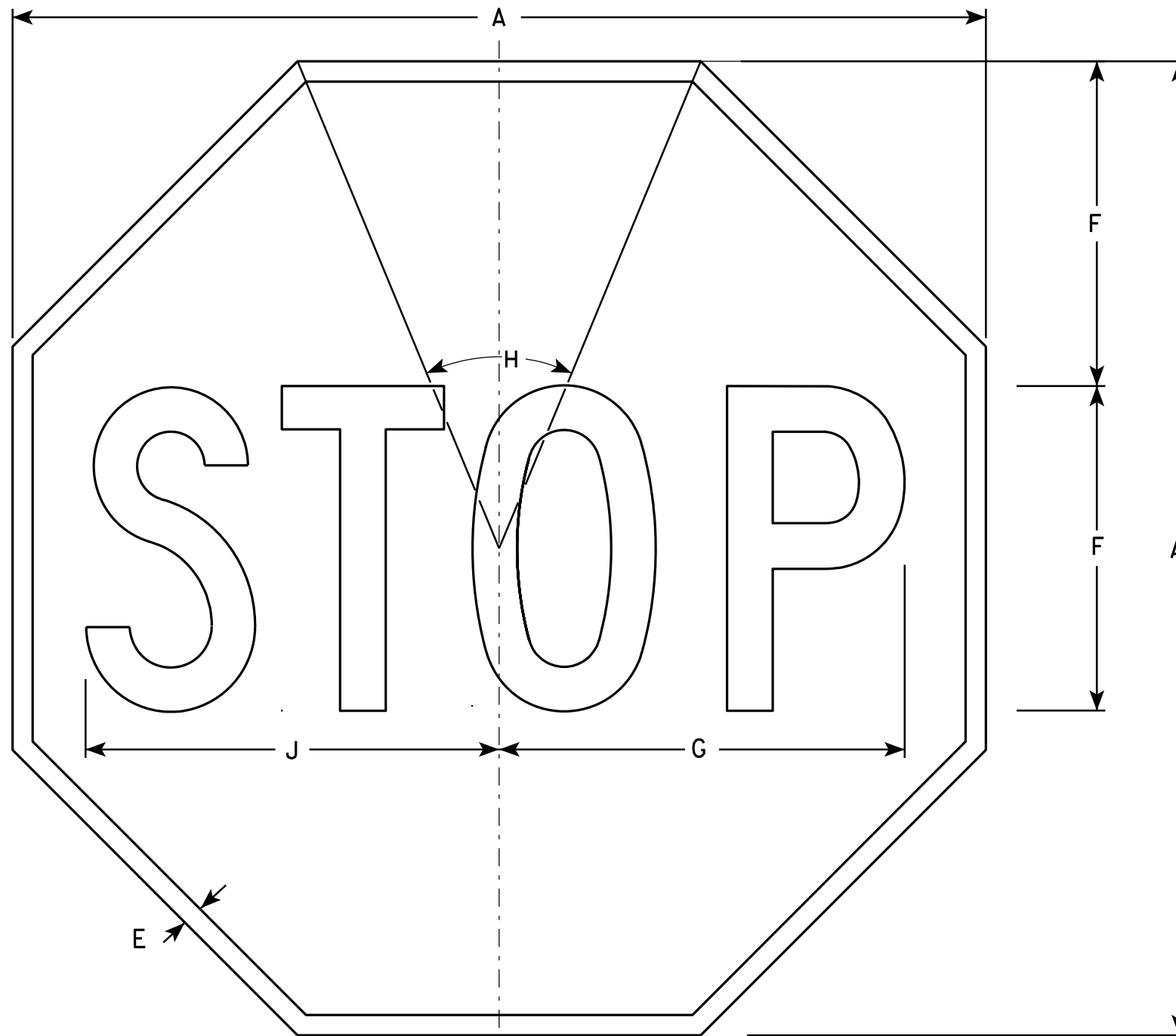
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E
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STANDARD SIGN
M6 - 4 & M6 - 6
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 7/29/13 PLATE NO. M6-4.8



NOTES

- 1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:
 - Background - Red
 - Message - White
- 3. Message Series - C

R1-1

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	24				3/8	8	10	45°		10 1/4																	3.31
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

STANDARD SIGN
R1 - 1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1.12

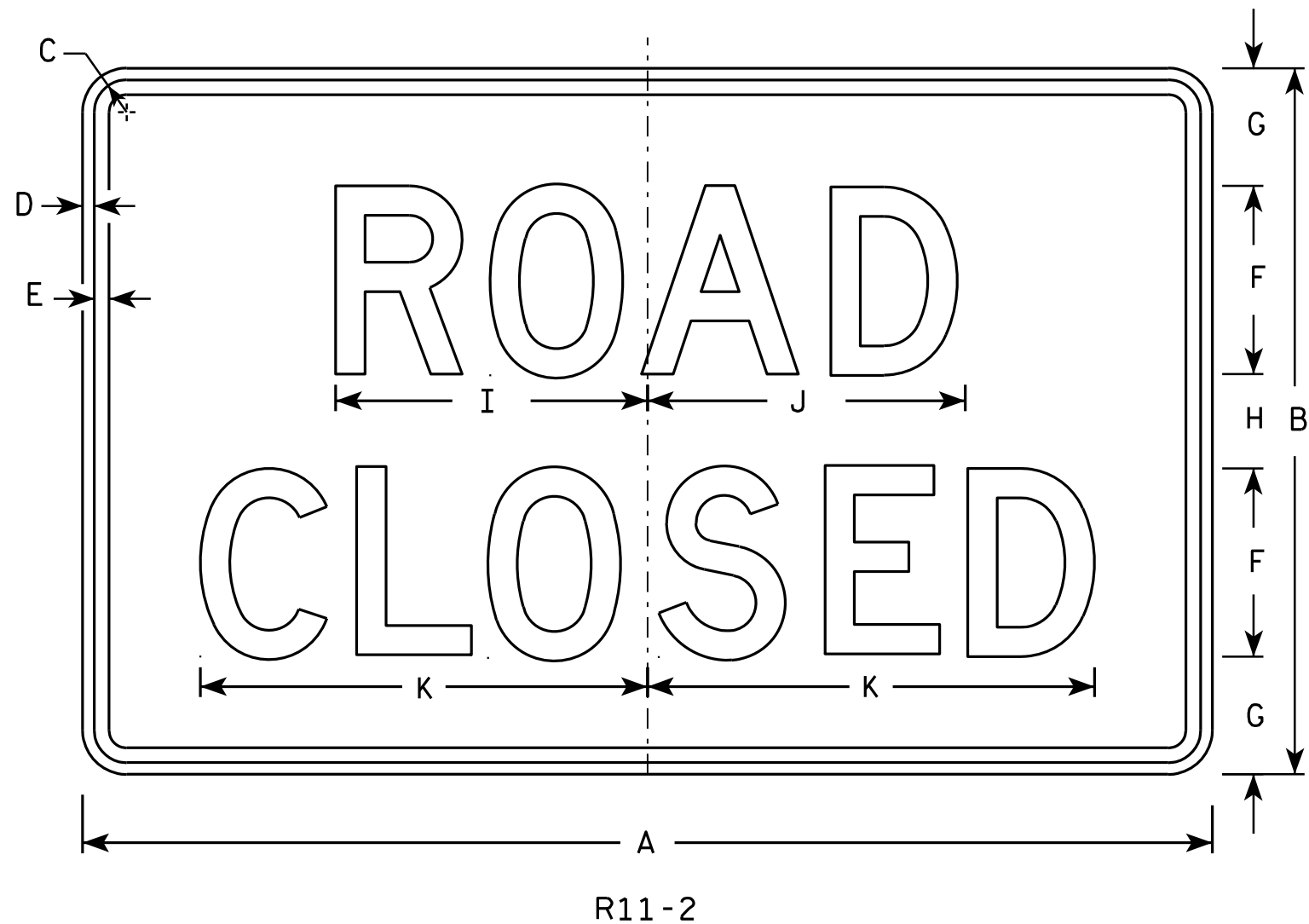
PROJECT NO:

HWY:

COUNTY:

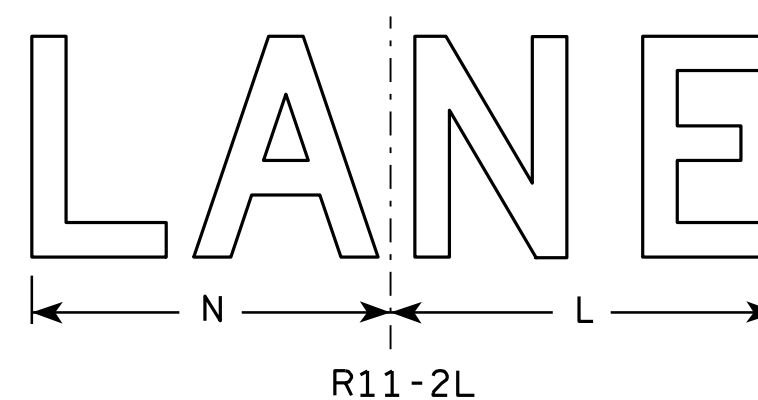
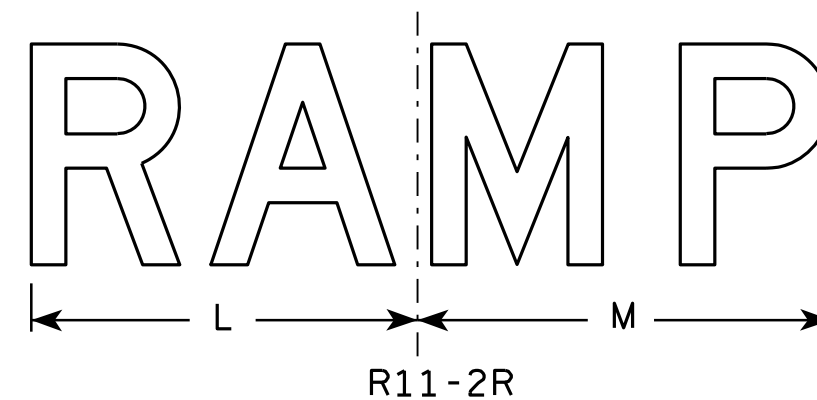
SHEET NO:

E



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 - 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. Modify the message as required.

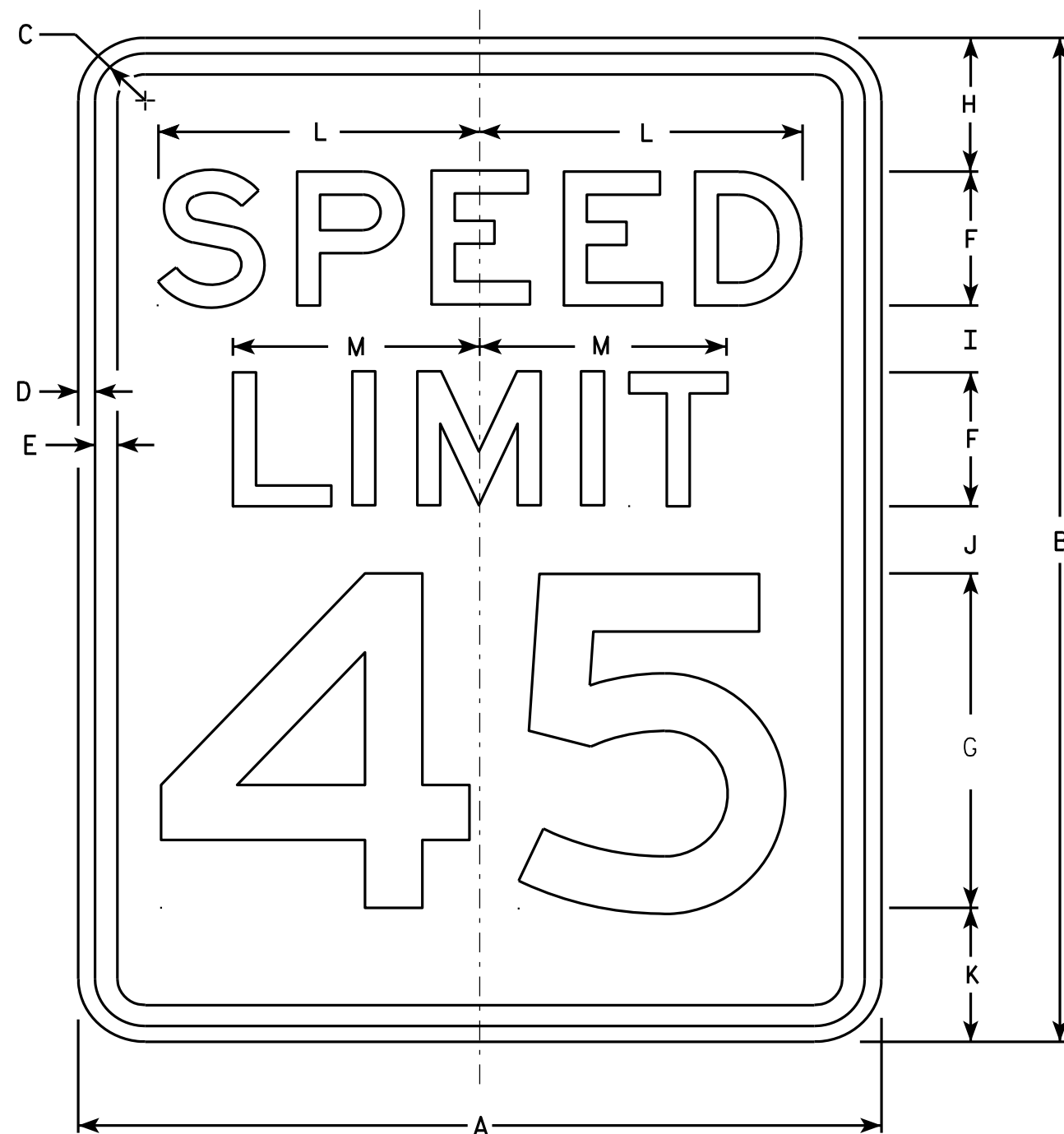


SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 3⁄8	1⁄2	5⁄8	8	5	4	13 1⁄4	13 1⁄2	19	14	15	13													10.0
2M	48	30	1 3⁄8	1⁄2	5⁄8	8	5	4	13 1⁄4	13 1⁄2	19	14	15	13													10.0
3	48	30	1 3⁄8	1⁄2	5⁄8	8	5	4	13 1⁄4	13 1⁄2	19	14	15	13													10.0
4	48	30	1 3⁄8	1⁄2	5⁄8	8	5	4	13 1⁄4	13 1⁄2	19	14	15	13													10.0
5	48	30	1 3⁄8	1⁄2	5⁄8	8	5	4	13 1⁄4	13 1⁄2	19	14	15	13													10.0

STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION
APPROVED *Matthew R. Rauch*
for State Traffic Engineer
DATE 4/1/11 PLATE NO. R11-2.10

PROJECT NO: HWY: COUNTY: SHEET NO: E



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 - E
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 and optically adjust spacing to achieve proper balance.

R2-1

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	18	24	1 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

STANDARD SIGN R2-1

WISCONSIN DEPT OF TRANSPORTATION
APPROVED *Matthew R. Rauch*
For State Traffic Engineer
DATE 5/26/10 PLATE NO. R2-1.13

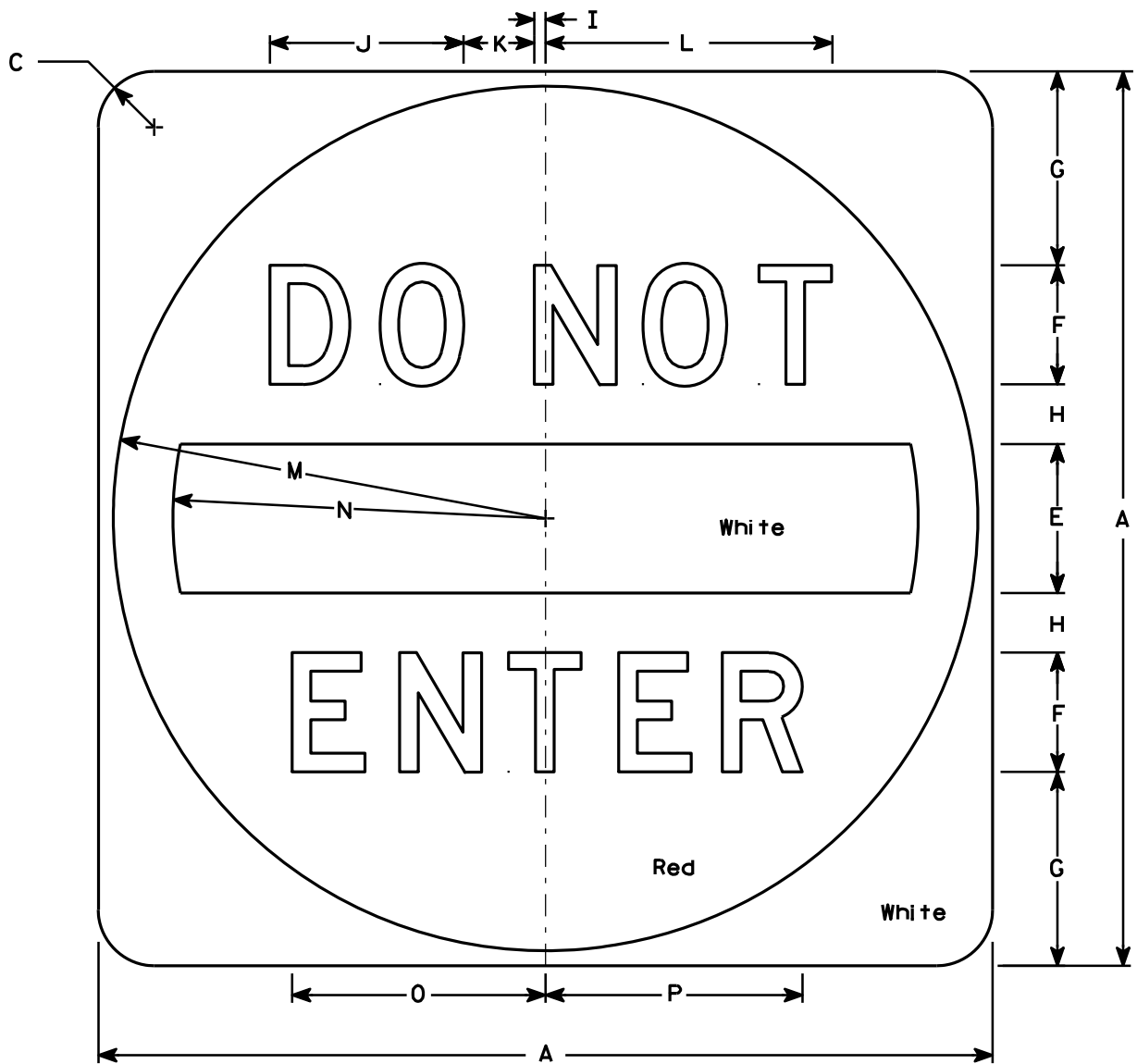
PROJECT NO: HWY: COUNTY: SHEET NO: E

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:

Background - See detail

Message - White - Type H Reflective
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but when base material is metal, the corners shall be rounded.



R5 - 1

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	30		1 7⁄8		5	4	6 1⁄2	2	3⁄8	6 1⁄2	2 3⁄8	9 5⁄8	14 1⁄2	12 1⁄2	8 1⁄2	8 5⁄8											6.26
2M	36		2 1⁄4		6	5	7 1⁄2	2 1⁄2	1⁄2	8 1⁄8	3	12 1⁄8	17 1⁄2	15	10 5⁄8	10 3⁄4											9.0
3	36		2 1⁄4		6	5	7 1⁄2	2 1⁄2	1⁄2	8 1⁄8	3	12 1⁄8	17 1⁄2	15	10 5⁄8	10 3⁄4											9.0
4	36		2 1⁄4		6	5	7 1⁄2	2 1⁄2	1⁄2	8 1⁄8	3	12 1⁄8	17 1⁄2	15	10 5⁄8	10 3⁄4											9.0
5	48		3		8	6	11	3	5⁄8	9 3⁄4	3 5⁄8	14 1⁄2	23 1⁄2	20	12 3⁄4	12 7⁄8											16.0

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

STANDARD SIGN

R5 - 1

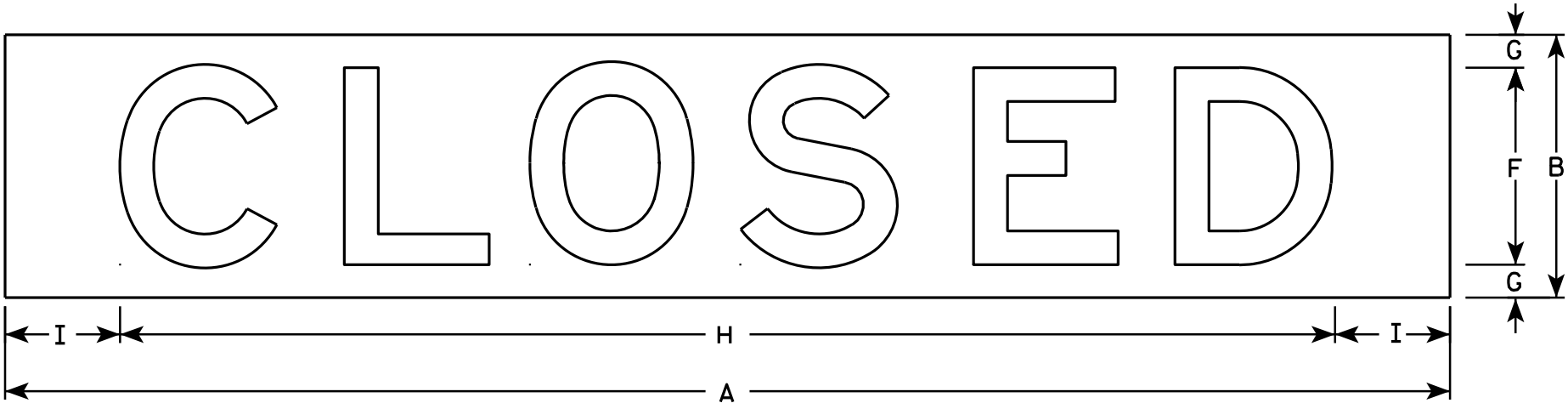
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1.15

NOTES

- 1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:
Background - Yellow
Message - Black
- 3. Message Series - E
- 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. This plaque to be used with the D5-61& D5-62 for wayside closures.



R55 - 58A

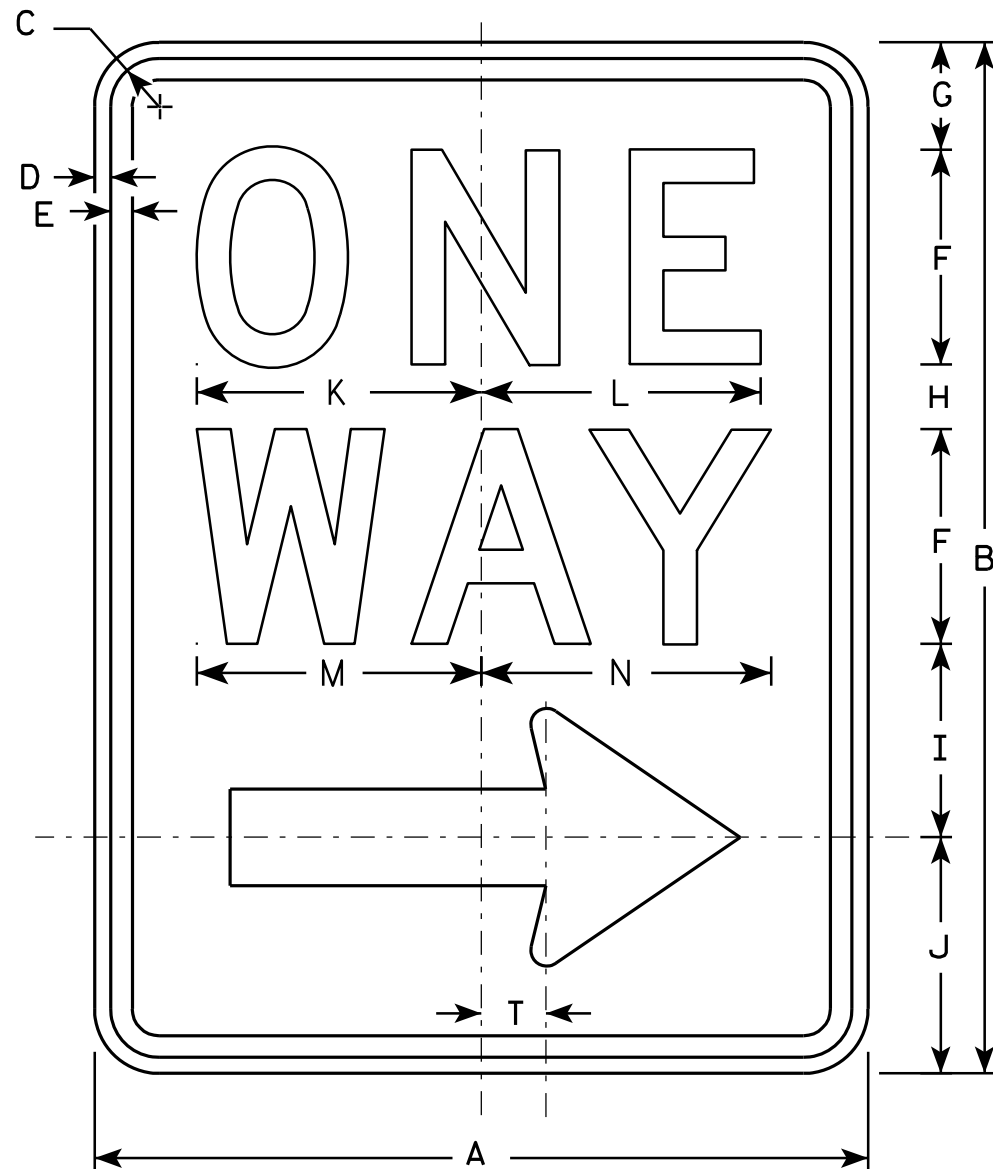
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	44	8				6	1	37	3 1/2																		2.4
2M	44	8				6	1	37	3 1/2																		2.4
3																											
4	76	12				10	1	58	9																		6.3
5	108	18				15	1 1/2	92 1/2	7 3/4																		13.5

STANDARD SIGN
R55 - 58A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

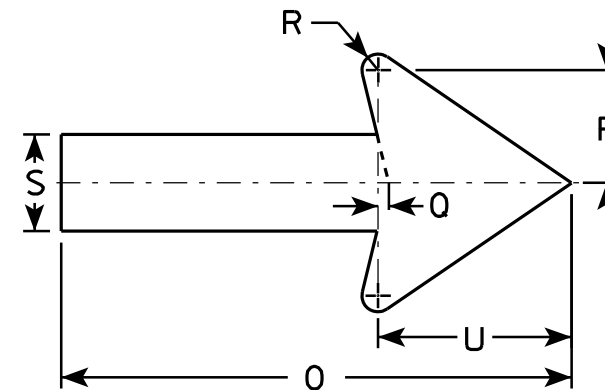
DATE 1/10/12 PLATE NO. R55-58A.6



R6-2R

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 - 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. R6-2L same as R6-2R except arrow points to the left.



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
1	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	30	1 1/8	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 3/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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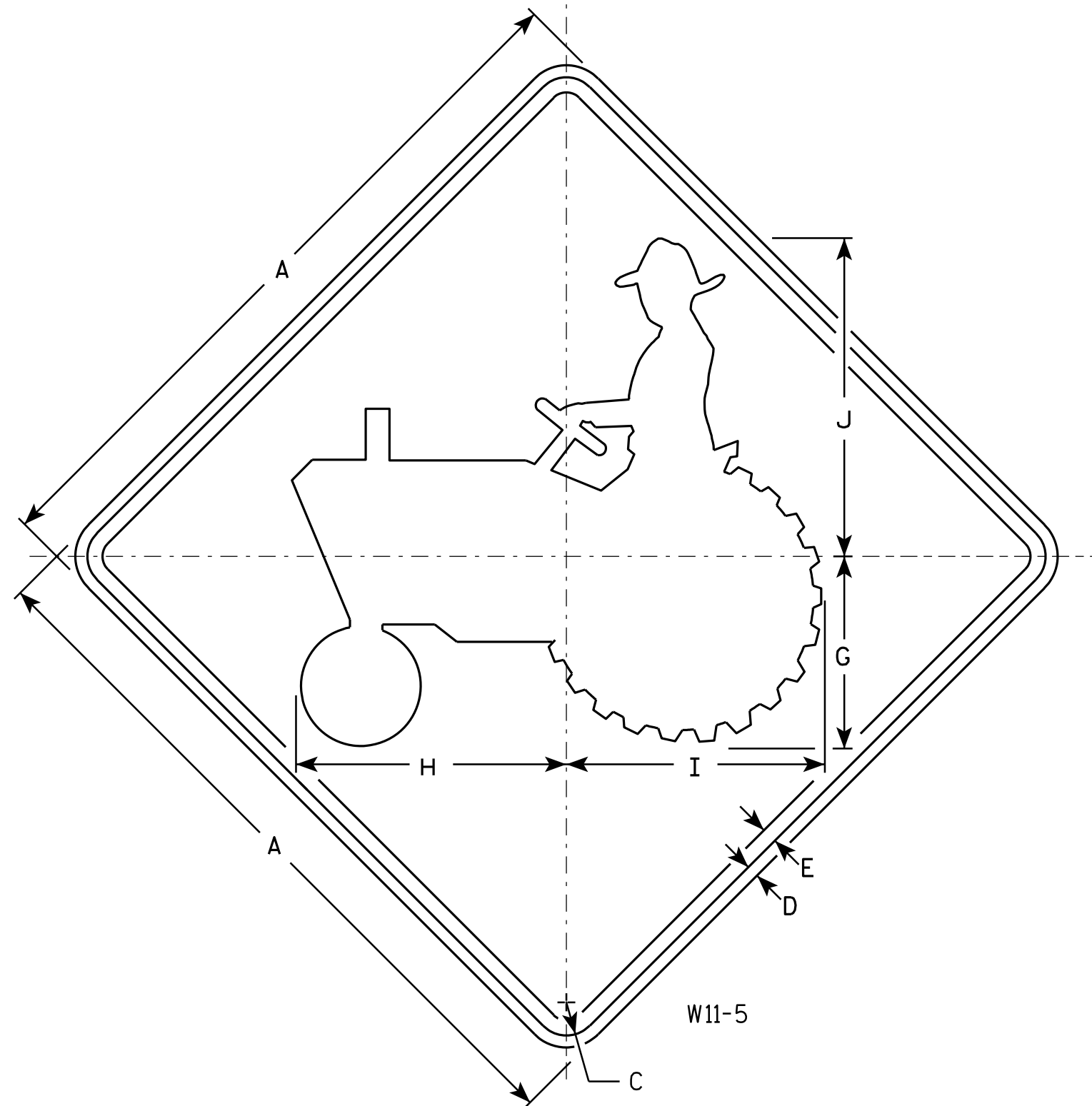
STANDARD SIGN

R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Yellow
Message - Black
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.

W11-5

C

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	24		1 1/8	3/8	1/2		6 3/8	9	8 5/8	10 5/8																	4.0
2S	30		1 3/8	1/2	5/8		8	11 1/4	10 3/4	13 1/4																	6.25
2M	30		1 3/8	1/2	5/8		8	11 1/4	10 3/4	13 1/4																	6.25
3																											
4	36		1 5/8	5/8	3/4		9 5/8	13 1/2	12 7/8	16																	9.0
5	48		2 1/4	3/4	1		12 3/4	18	17 1/4	21 1/8																	16.0

STANDARD SIGN

W11-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
State Traffic Engineer

DATE 3/13/13 PLATE NO. W11-5.6

PROJECT NO:

HWY:

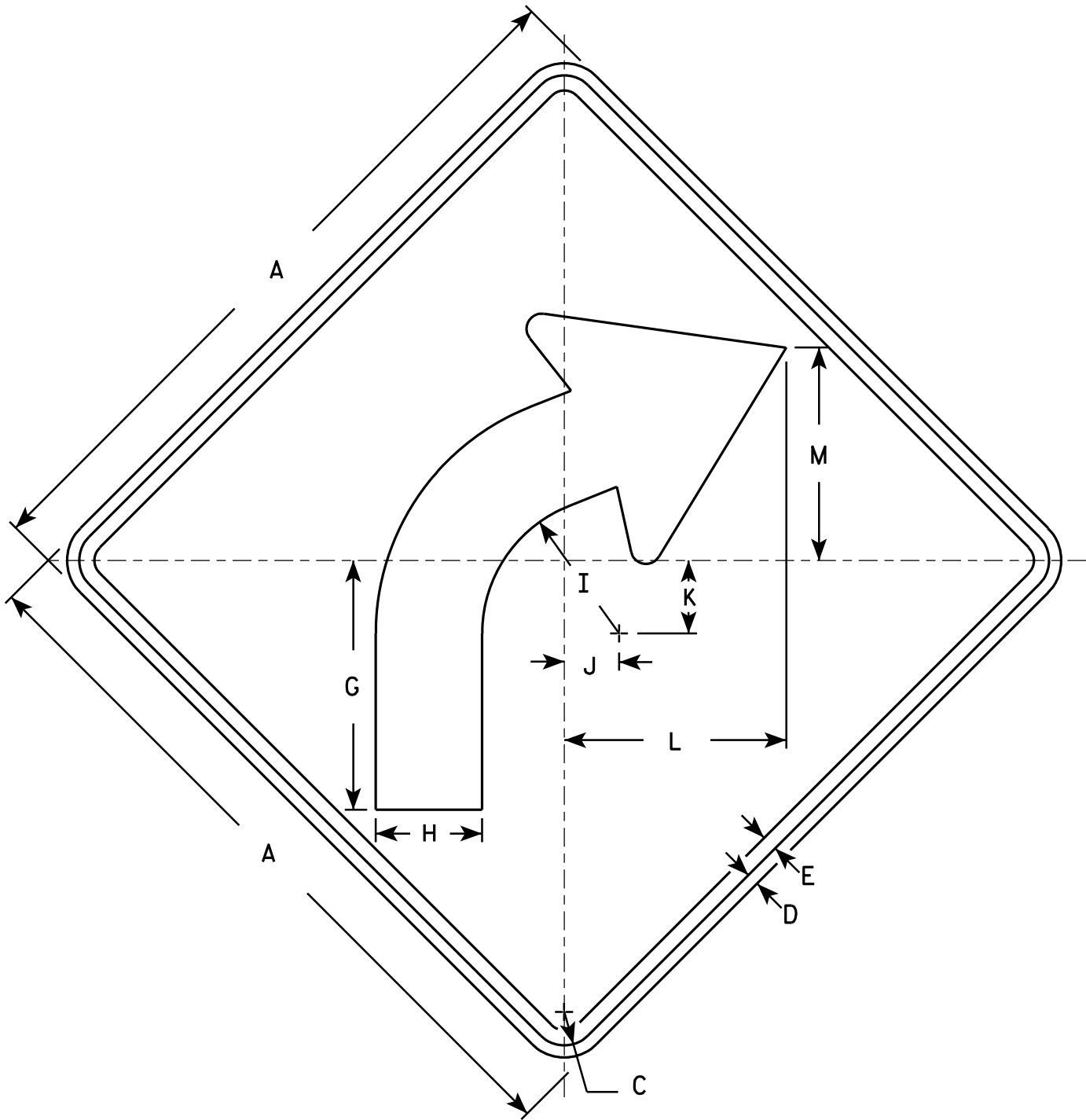
COUNTY:

SHEET NO:

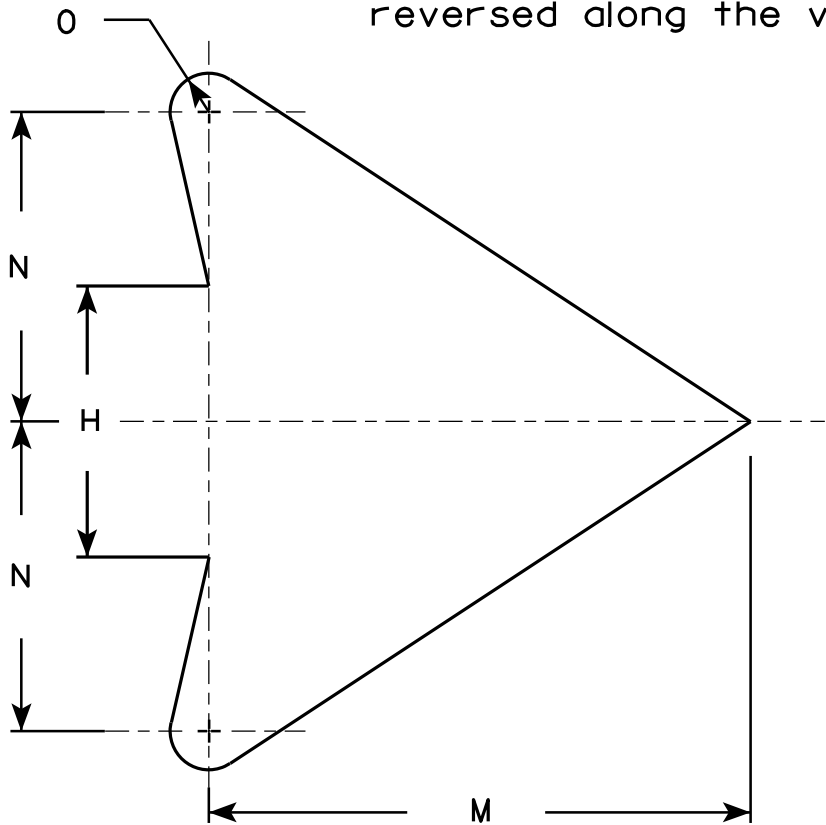
E

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Yellow
Message - Black
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. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



W1-2R



ARROW DETAIL

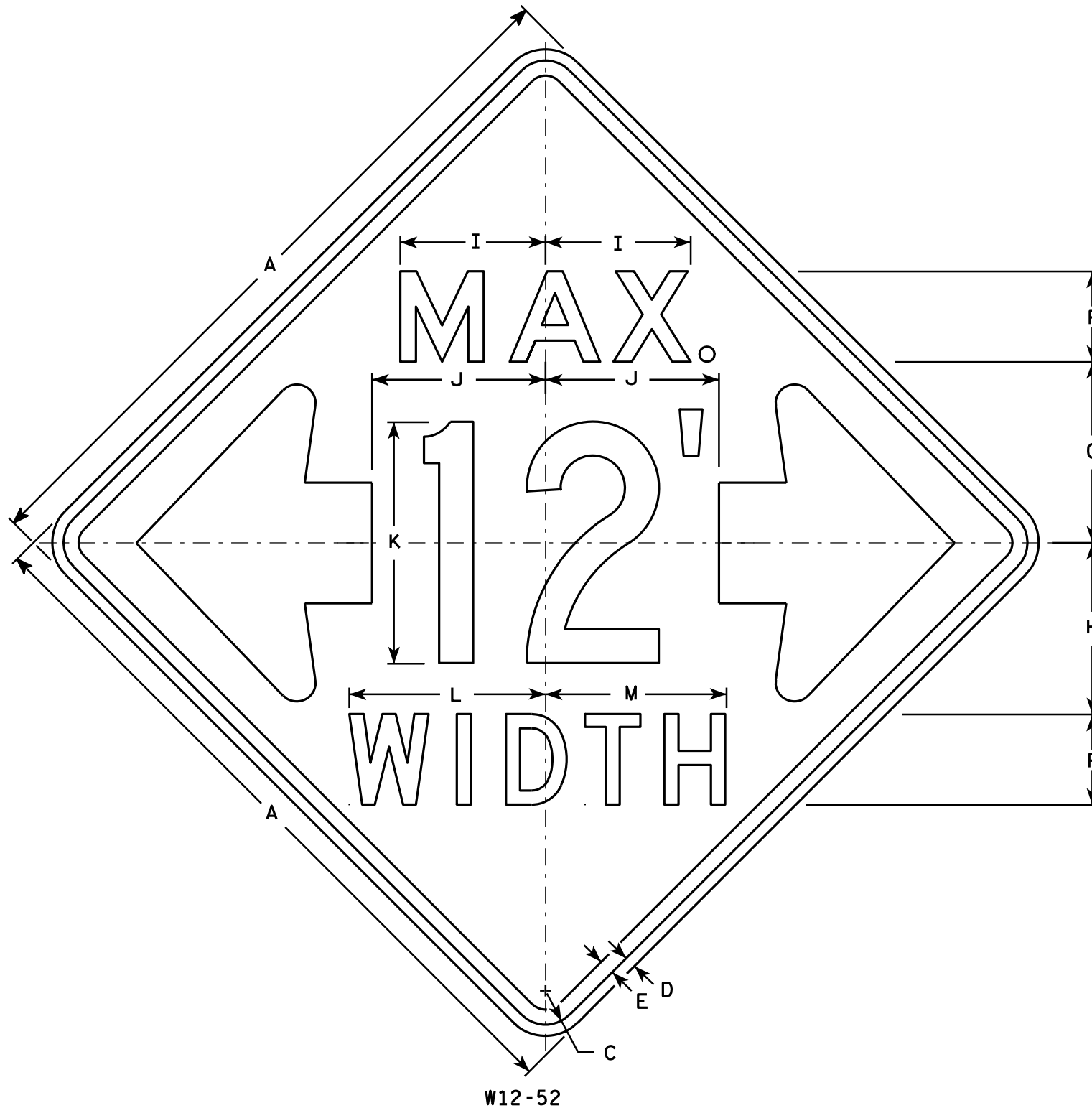
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
2S	30		1 3/8	1/2	5/8		10 1/4	4 3/8	5 5/8	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
3	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
4	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
5	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0

STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

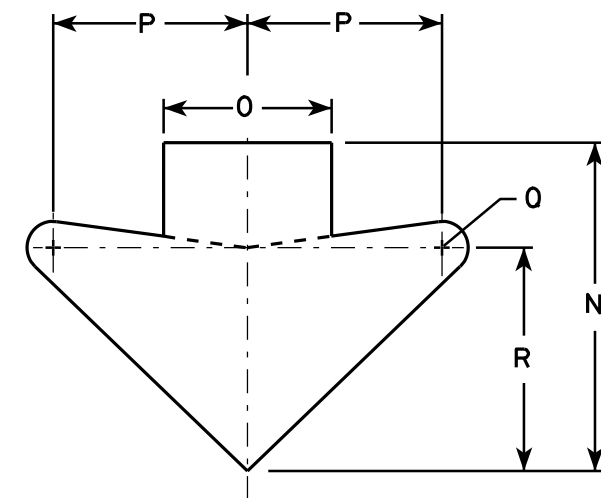
APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 5/15/12 PLATE NO. W1-2.10



NOTES

- Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
Background - Orange
Message - Black
- Message Series - See note 5
- 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.
- The top line is series E, the numerals are series C, and the bottom line is series D.
- Substitute appropriate numerals and adjust spacing as required.



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																											
2S	48		2 1/4	3/4	1	6	12	11 3/8	9 5/8	11 1/2	16	13	12	15 5/8	8	9 1/4	1 1/4	10 5/8									16.0
2M	48		2 1/4	3/4	1	6	12	11 3/8	9 5/8	11 1/2	16	13	12	15 5/8	8	9 1/4	1 1/4	10 5/8									16.0
3																											
4																											
5																											

STANDARD SIGN

W12-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
 For State Traffic Engineer

DATE 3/16/11 PLATE NO. W12-52.7

PROJECT NO:

HWY:

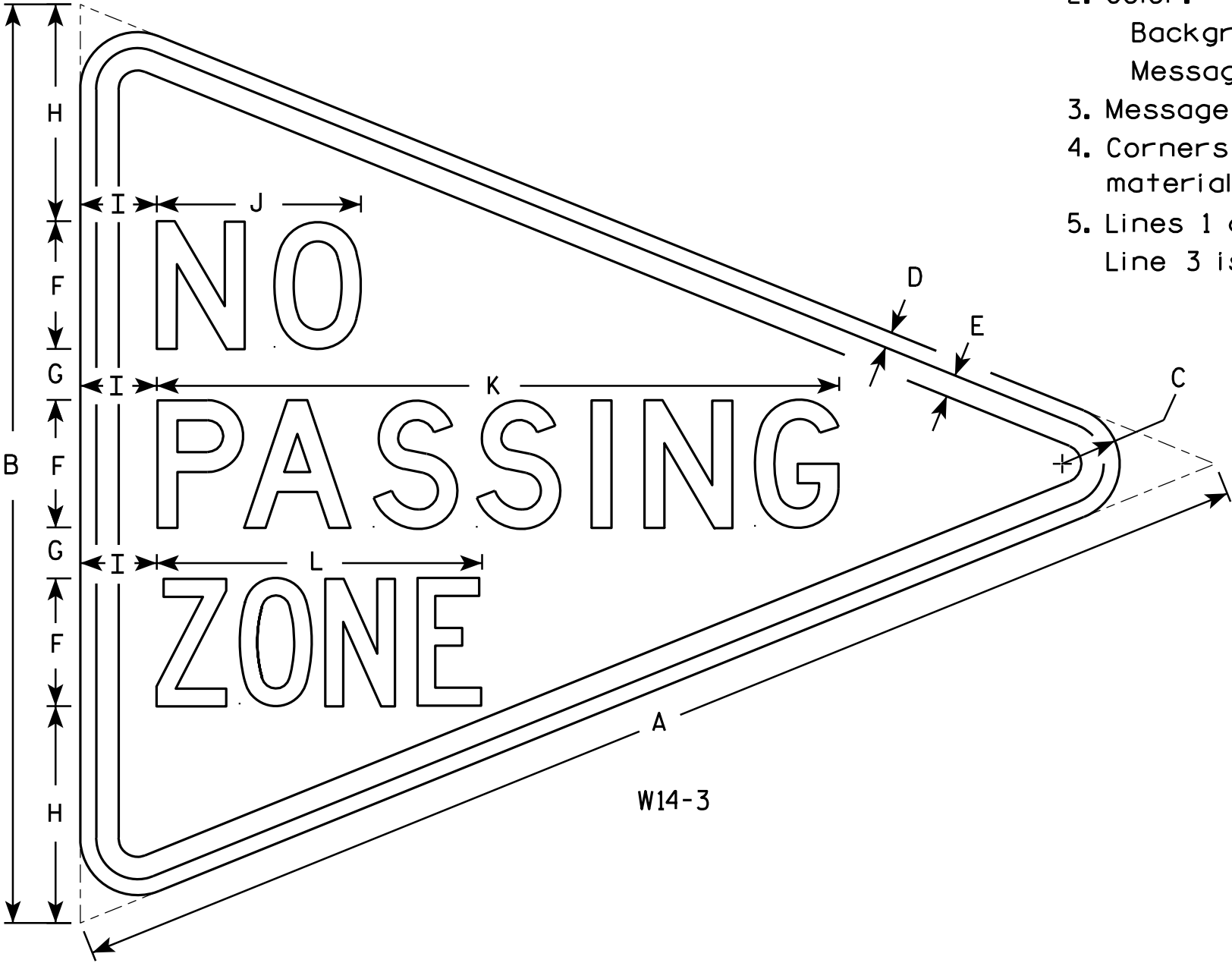
COUNTY:

SHEET NO:

E

NOTES

- 1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:
Background - Yellow
Message - Black
- 3. Message Series - See note 5
- 4. Corners and borders shall be rounded on all base materials for this sign.
- 5. Lines 1 and 2 are Series D.
Line 3 is series C.



W14-3

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	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
2M	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
3	64	48	3	3/4	1 1/4	6	3	12	4	10 3/4	33 5/8	16 1/2															10.7
4																											
5																											

STANDARD SIGN
W14-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 6/7/10 PLATE NO. W14-3.9

PROJECT NO:

HWY:

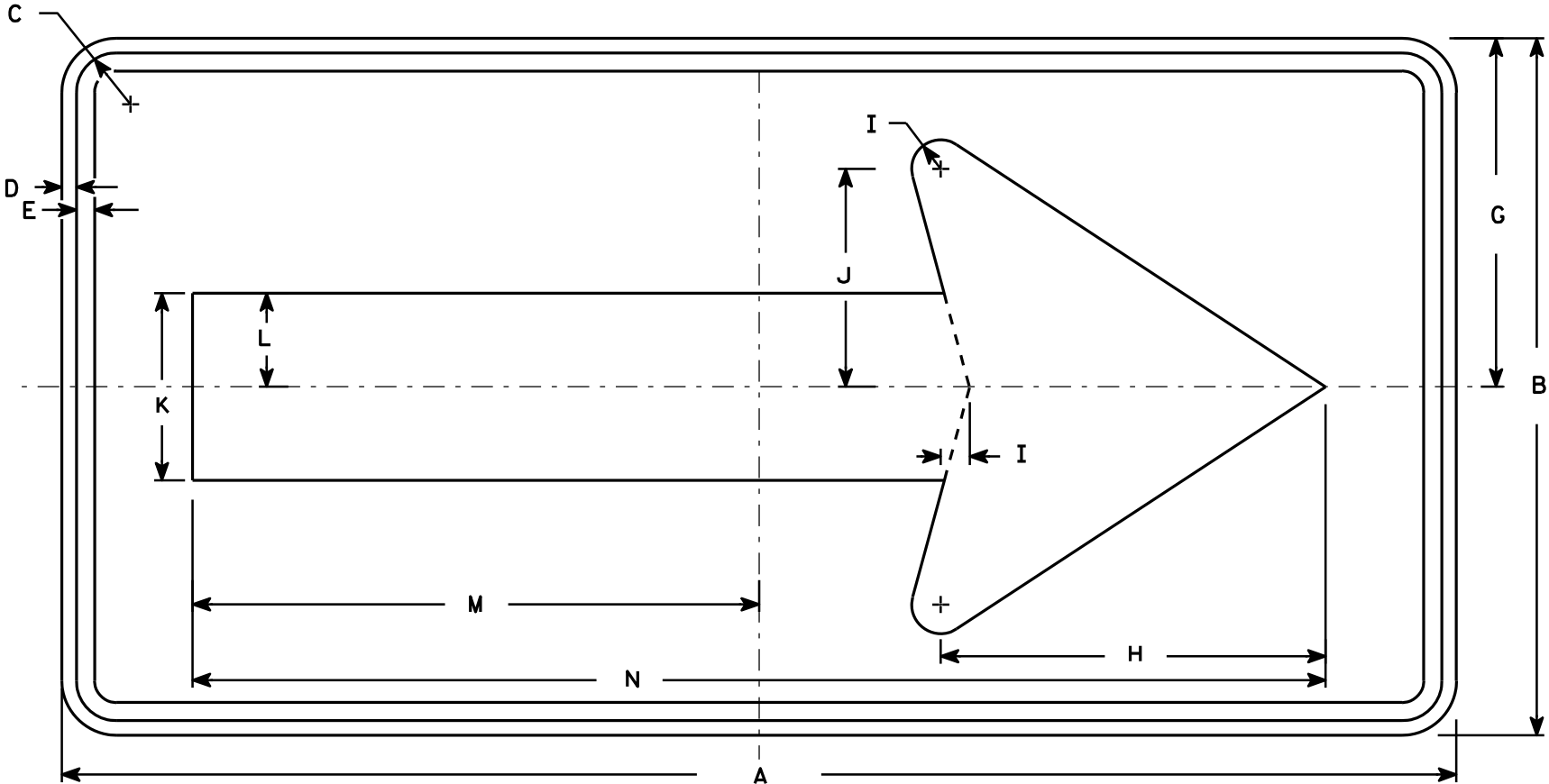
COUNTY:

SHEET NO:

E

NOTES

- 1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:
Background - Yellow
Message - Black
- 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.



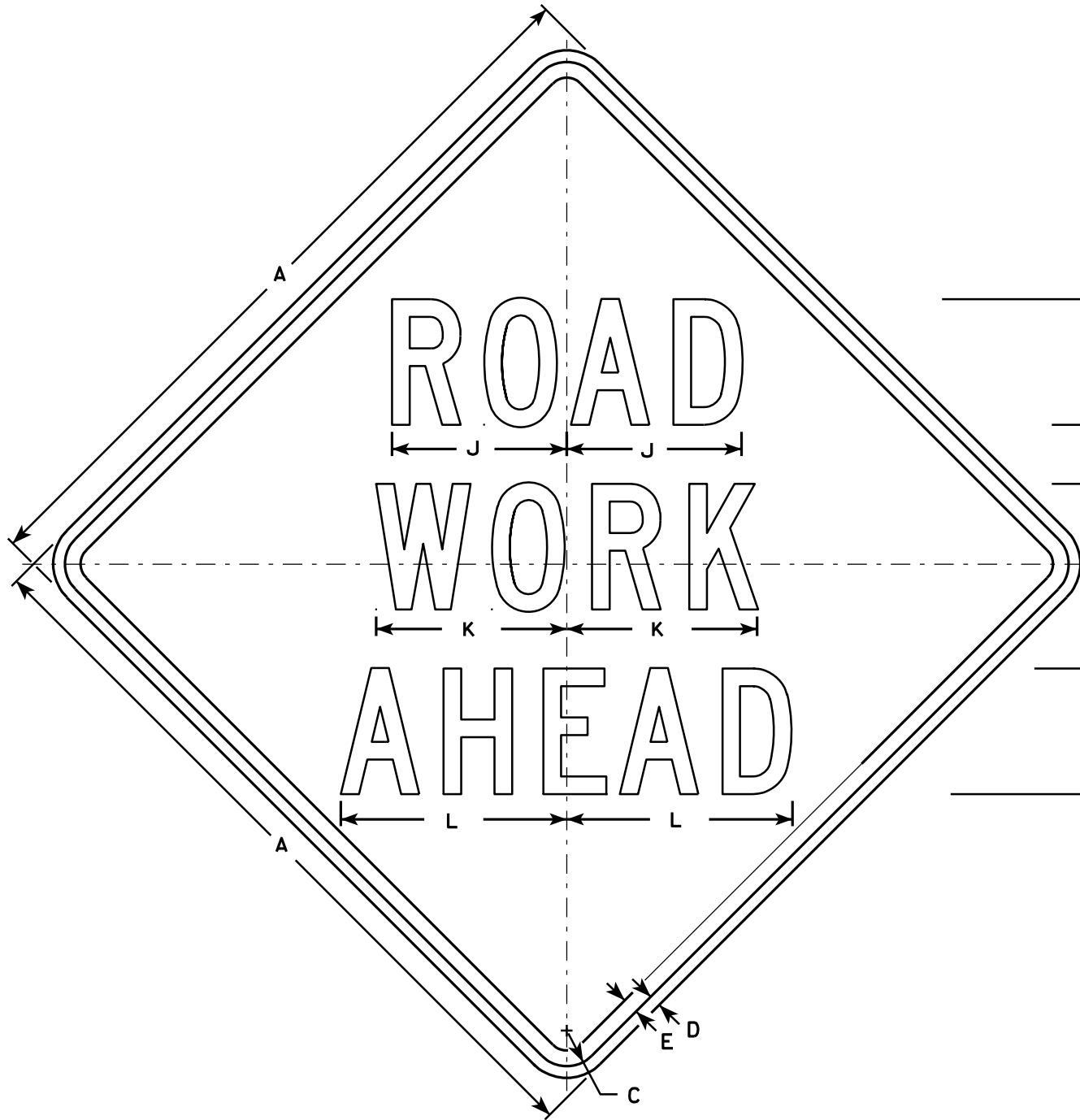
W1-6

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 1/8	3/8	3/8		9	10	3/4	5 5/8	4 3/4	2 3/8	14 5/8	29 1/4													4.5
2S	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	96	48	2 1/4	3/4	1		24	26 1/2	2	15	13	6 1/2	39	78													32.0

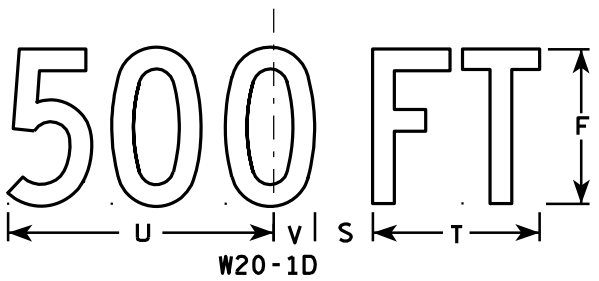
STANDARD SIGN
W1-6

WISCONSIN DEPT OF TRANSPORTATION

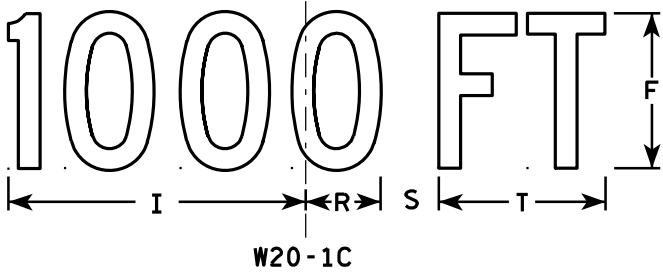
APPROVED *Matthew R. Rauch*
for State Traffic Engineer
DATE 6/7/10 PLATE NO. W1-6.8



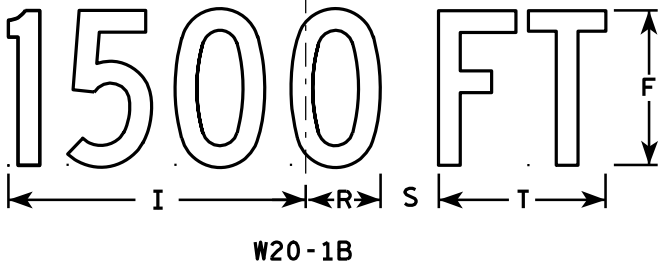
W20-1A



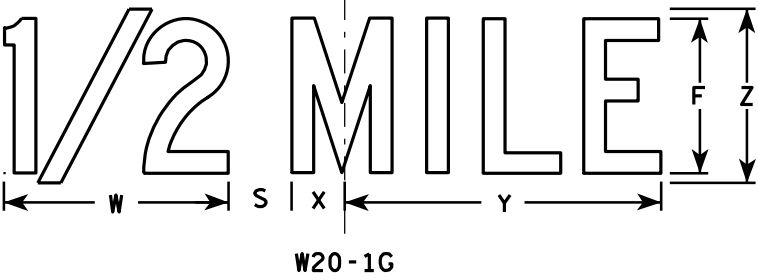
W20-1D



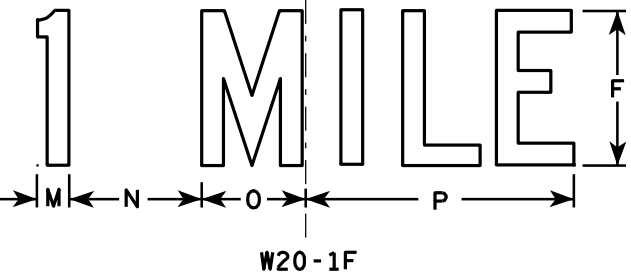
W20-1C



W20-1B



W20-1G



W20-1F

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.

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 3/8	1/2	5/8	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9		2 1/2	1 7/8	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8		3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8		3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8		3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8		3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8		3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

PROJECT NO:

SHEET NO:

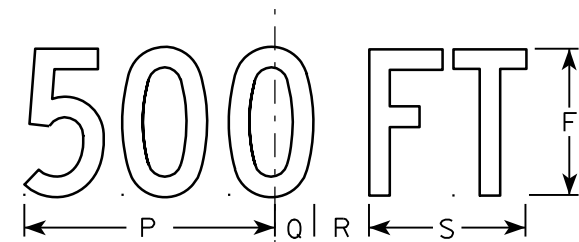
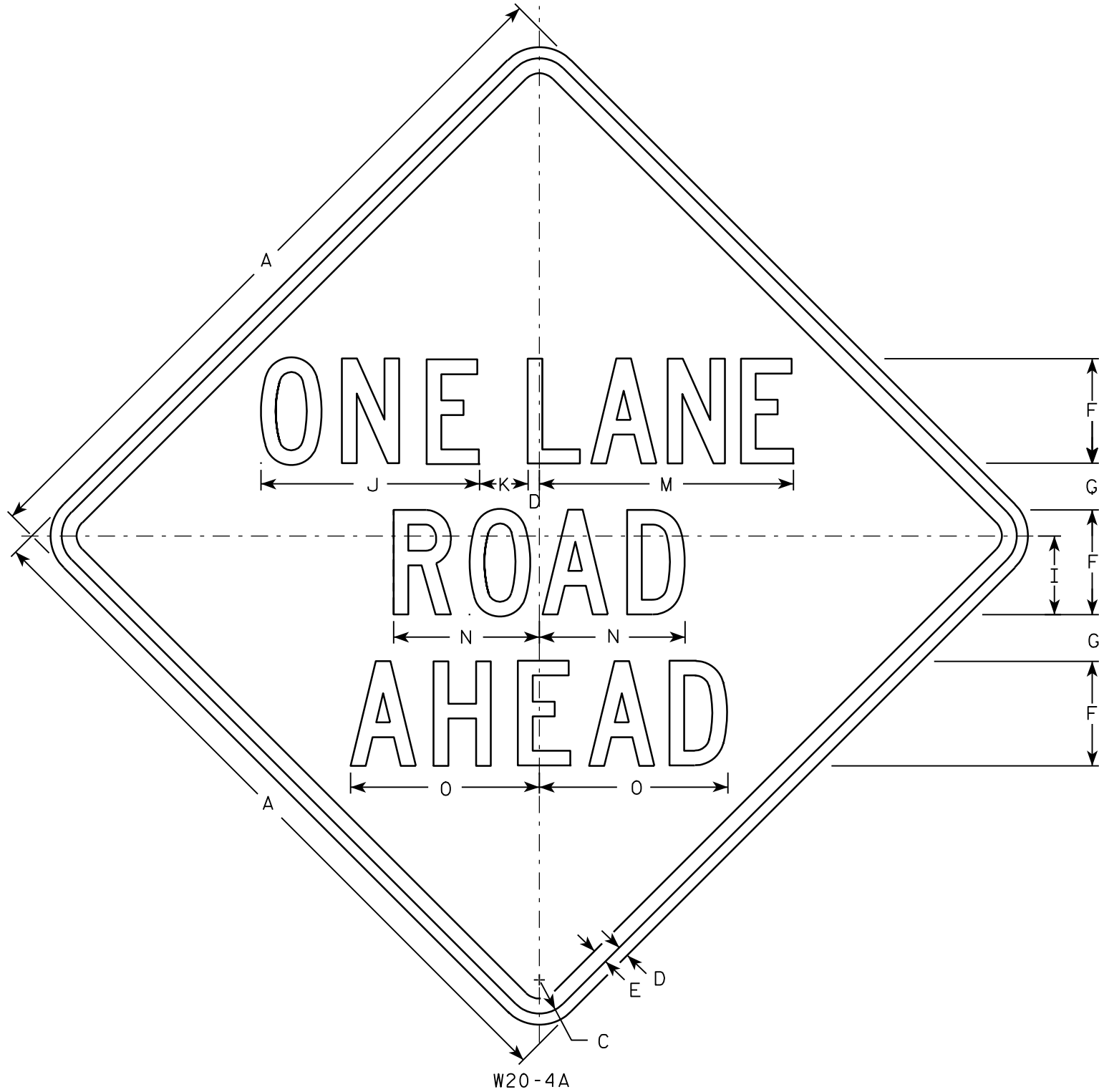
E

STANDARD SIGN
W20-1A, B, C, D, F & G

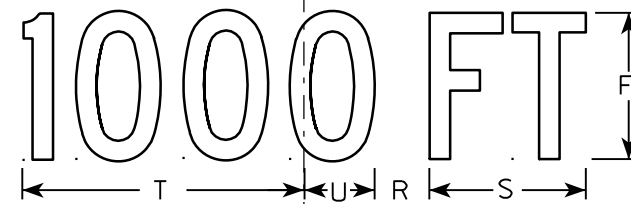
WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
For State Traffic Engineer

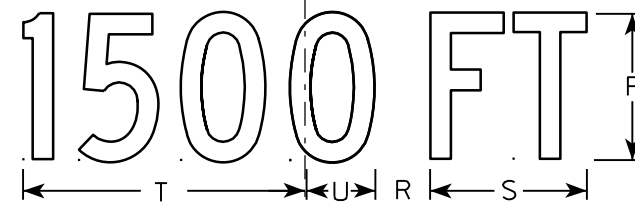
DATE 3/18/11
PLATE NO. W20-1.9



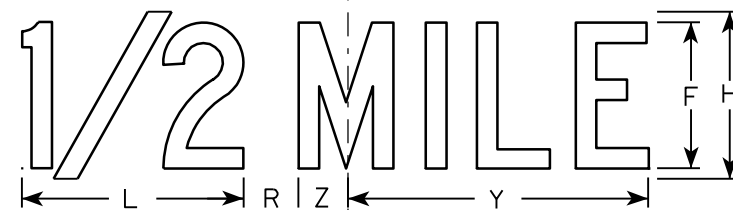
W20-4D



W20-4C



W20-4B



W20-4G



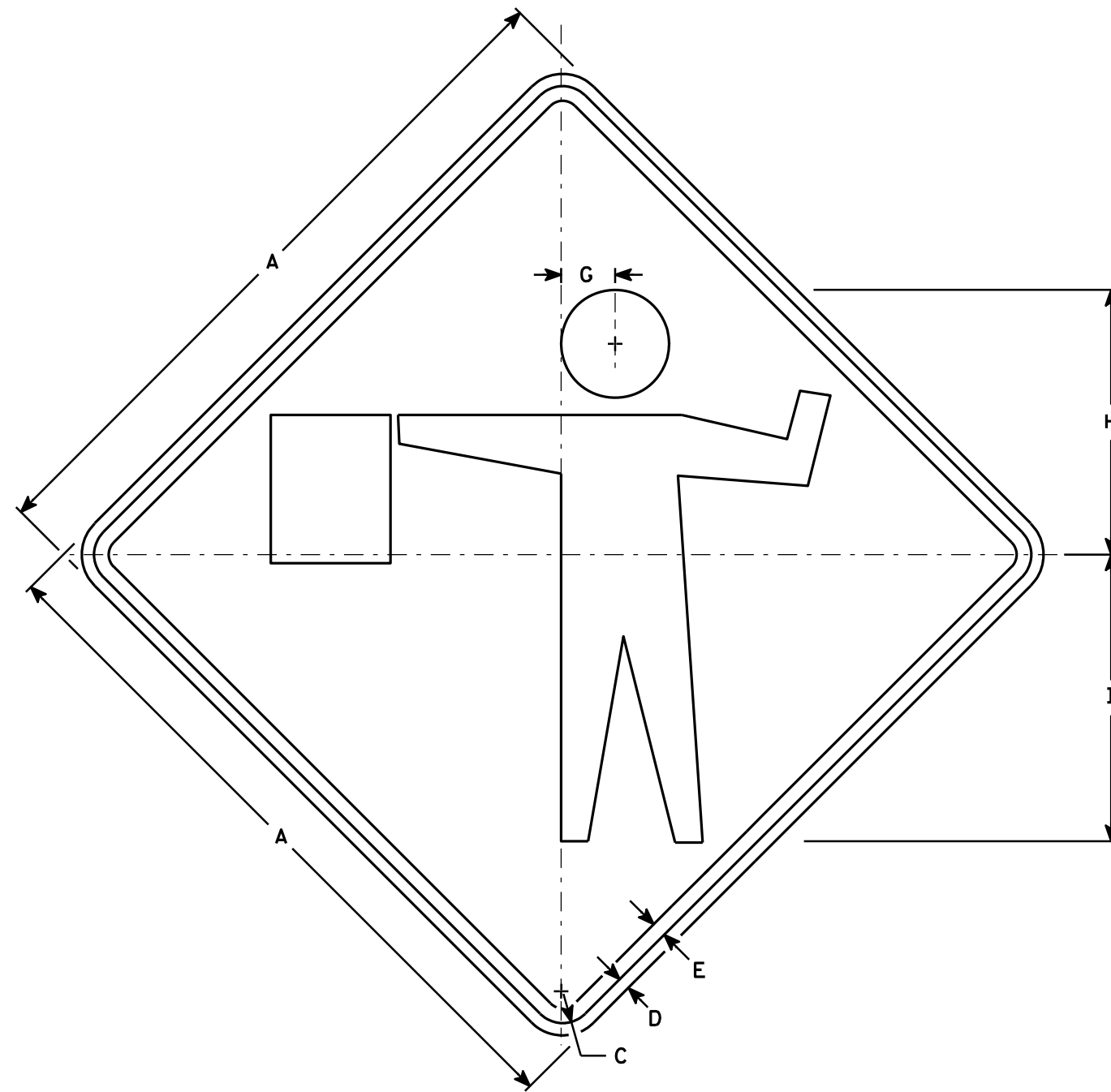
W20-4F

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.

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	2 3/8	6	3 3/4	10 3/8	2 3/8	8	13 1/2	7	8 7/8	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	10 3/4	1 3/4	9.0
2S	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
3	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
4	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
5	48		2 1/4	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN	
W20-4A, B, C, D, F & G	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> for State Traffic Engineer
DATE 3/18/11	PLATE NO. W20-4.9



W20-7A

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. 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	36		1 5/8	5/8	3/4		2 3/4	13 1/2	14 5/8																		9.00
2S	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00
2M	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00
3	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00
4	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00
5	48		2 1/4	3/4	1		3 3/4	18	19 1/2																		16.00

STANDARD SIGN W20-7A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-7A.5

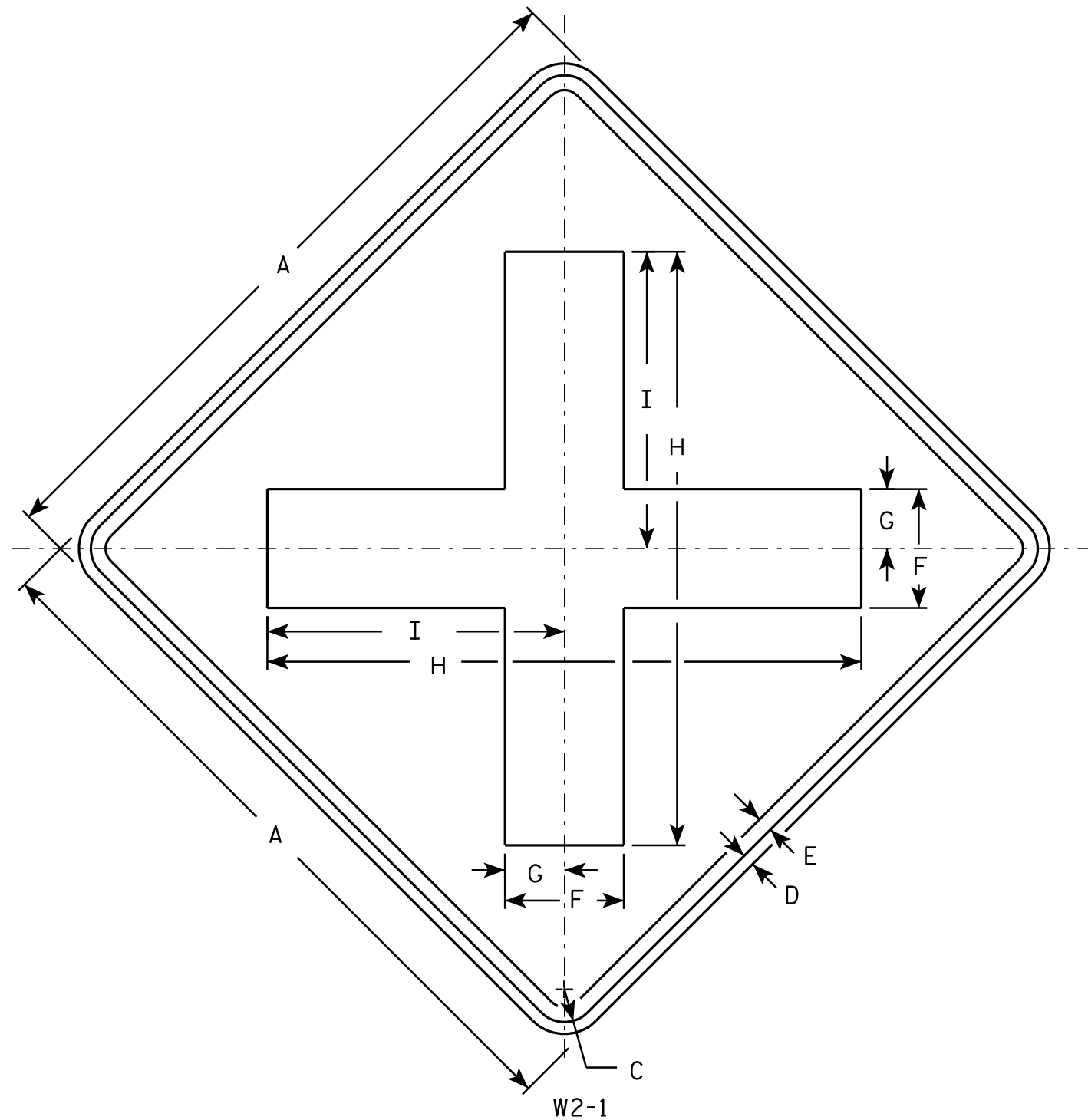
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Yellow
Message - Black
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.

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	24		1 1/8	3/8	1/2	4	2	20	10																		4.0
2S	30		1 3/8	1/2	5/8	5	2 1/2	25	12 1/2																		6.25
2M	30		1 3/8	1/2	5/8	5	2 1/2	25	12 1/2																		6.25
3	36		1 5/8	5/8	3/4	6	3	30	15																		9.0
4	48		2 1/4	3/4	1	8	4	40	20																		16.0
5																											

STANDARD SIGN W2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W2-1.9

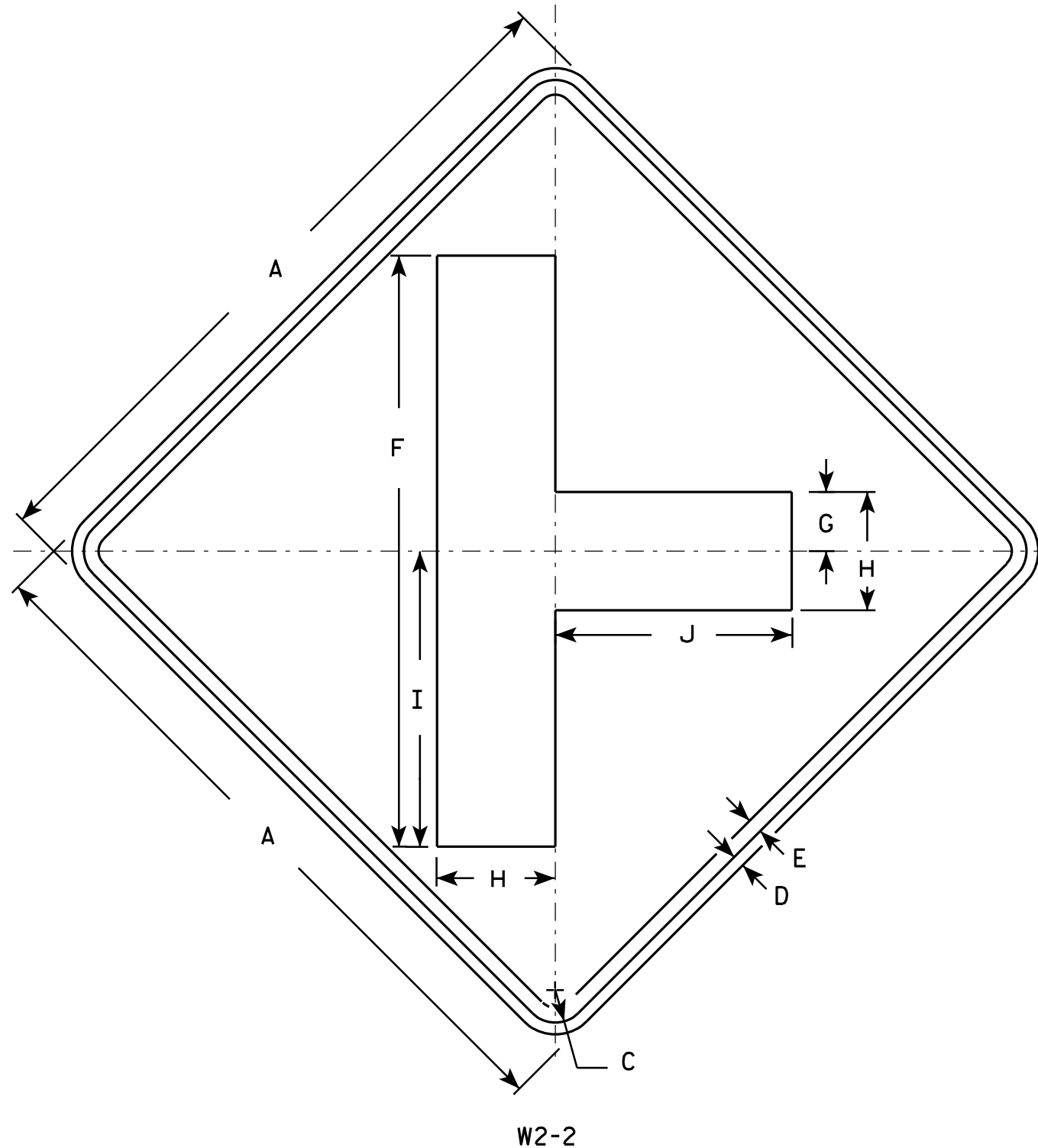
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Yellow
Message - Black
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.

W2-2

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	24		1 1/8	3/8	1/2	20	2	4	10	8																	4.0
2S	30		1 3/8	1/2	5/8	25	2 1/2	5	12 1/2	10																	6.25
2M	30		1 3/8	1/2	5/8	25	2 1/2	5	12 1/2	10																	6.25
3	36		1 5/8	5/8	3/4	30	3	6	15	12																	9.0
4	48		2 1/4	3/4	1	40	4	8	20	16																	16.0
5																											

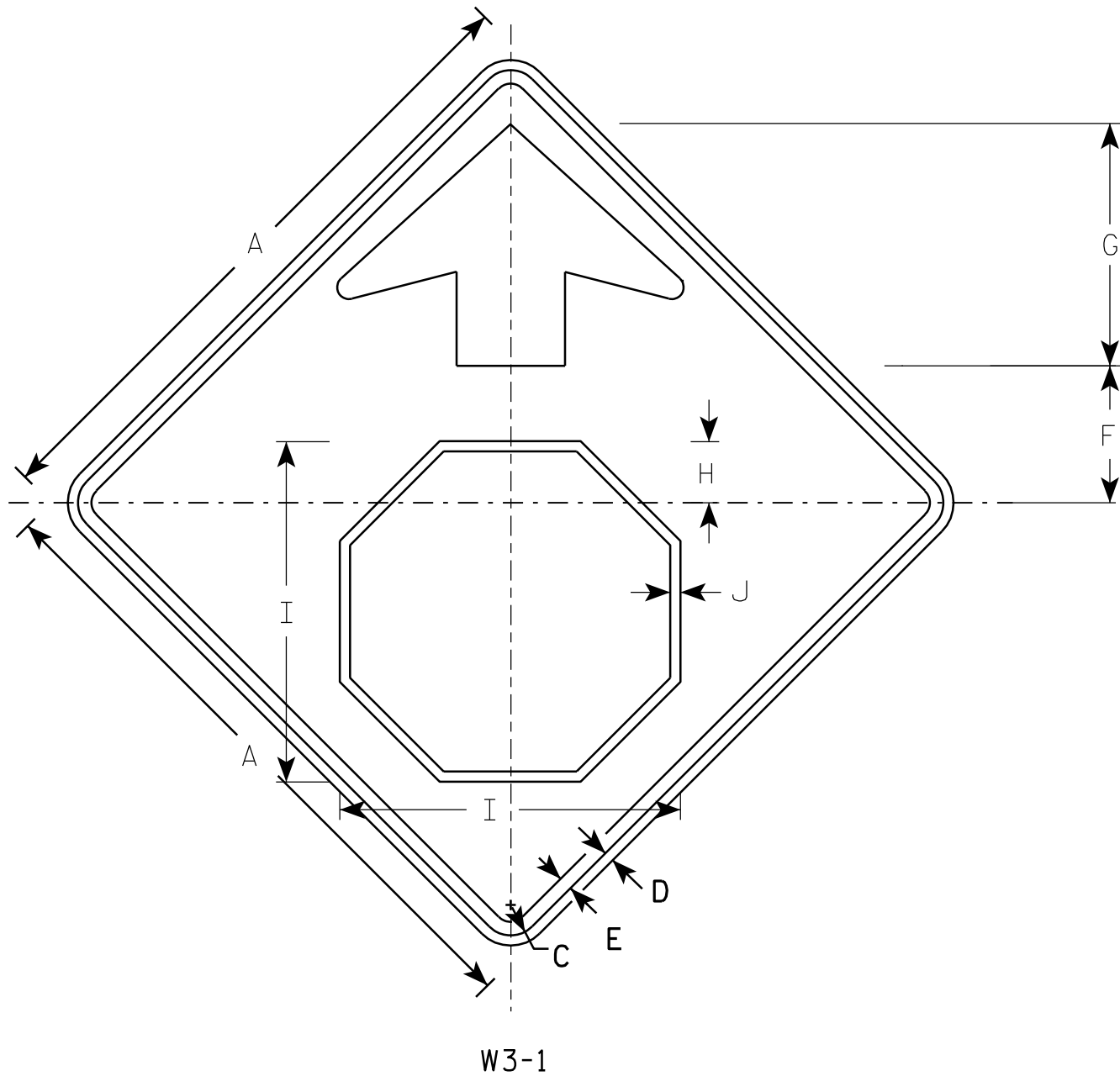
STANDARD SIGN W2-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

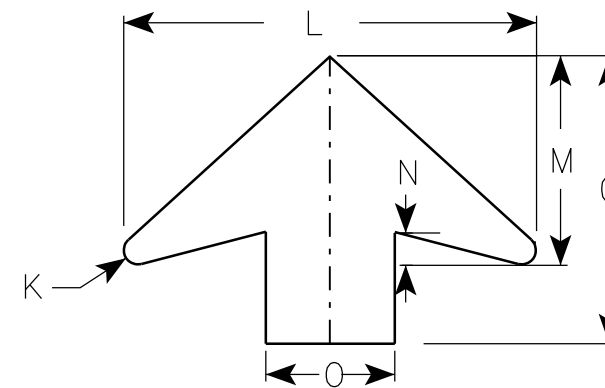
DATE 5/29/12 PLATE NO. W2-2.6

PROJECT NO: HWY: COUNTY: SHEET NO: E



NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - YELLOW
Arrow & Border - BLACK
Stop Symbol - WHITE BORDER ON RED BACKGROUND



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	30		1 ³ / ₈	1/2	5/8	6 1/4	11 1/4	2 7/8	15 3/4	1/2	1/2	16	8	1 1/4	5												6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

PROJECT NO:

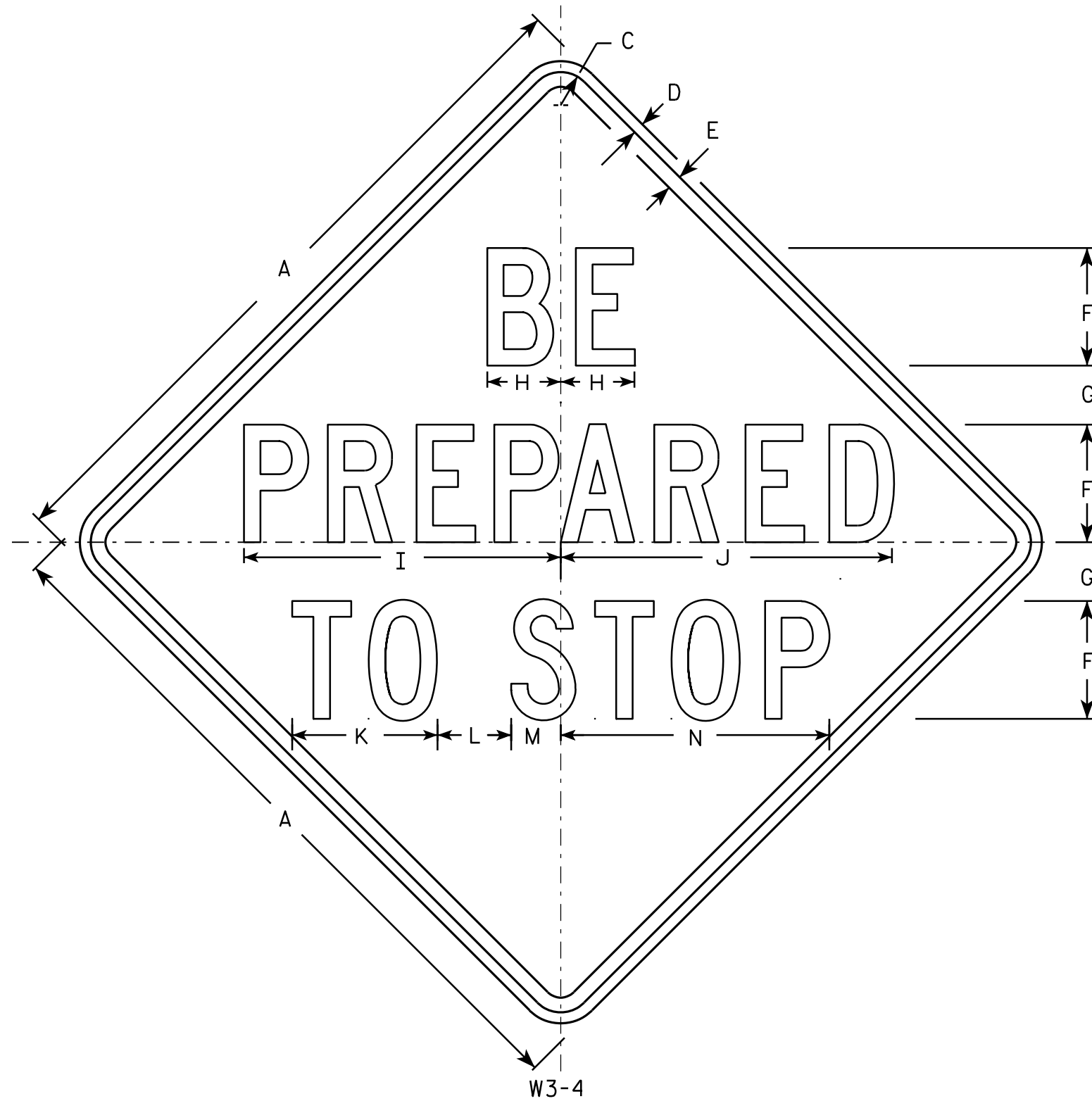
STANDARD SIGN W3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer
DATE 6/7/10 PLATE NO. W3-1.12

SHEET NO:

E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Yellow
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.

7

7

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	30		1 1/8	3/8	1/2	5	2 1/8	3 1/8	13 1/4	14 1/8	6 1/8	3 3/8	2	11 1/2													6.25
2S	36		1 3/8	1/2	5/8	6	2 1/2	3 3/4	15 7/8	16 7/8	7 3/8	4	2 3/8	13 3/4													9.0
2M	36		1 3/8	1/2	5/8	6	2 1/2	3 3/4	15 7/8	16 7/8	7 3/8	4	2 3/8	13 3/4													9.0
3	36		1 3/8	1/2	5/8	6	2 1/2	3 3/4	15 7/8	16 7/8	7 3/8	4	2 3/8	13 3/4													9.0
4	48		2 1/4	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
5	48		2 1/4	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0

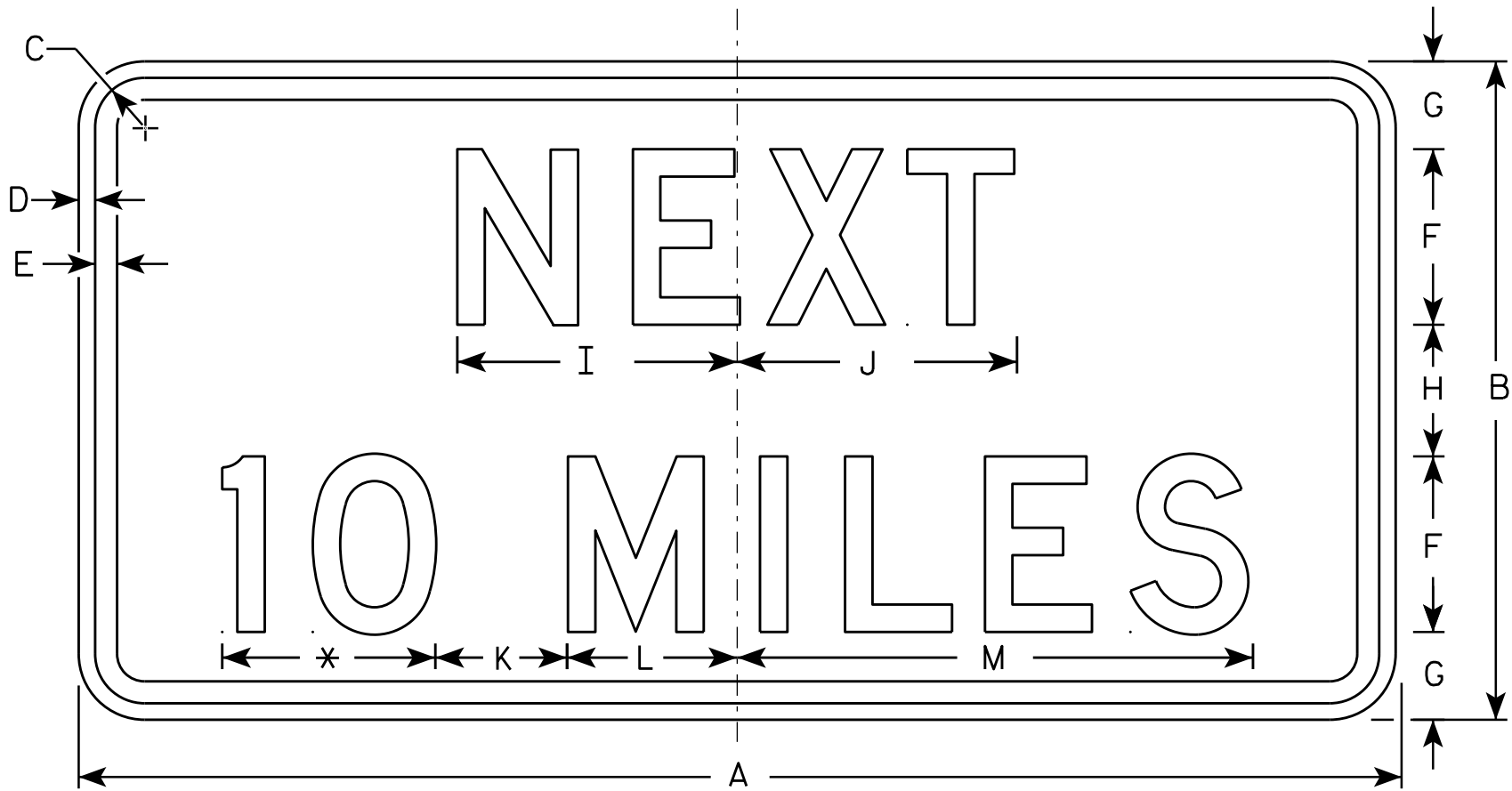
PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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STANDARD SIGN
W3-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 3/21/11 PLATE NO. W3-4.4



W057-51

- 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. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

* See note 5

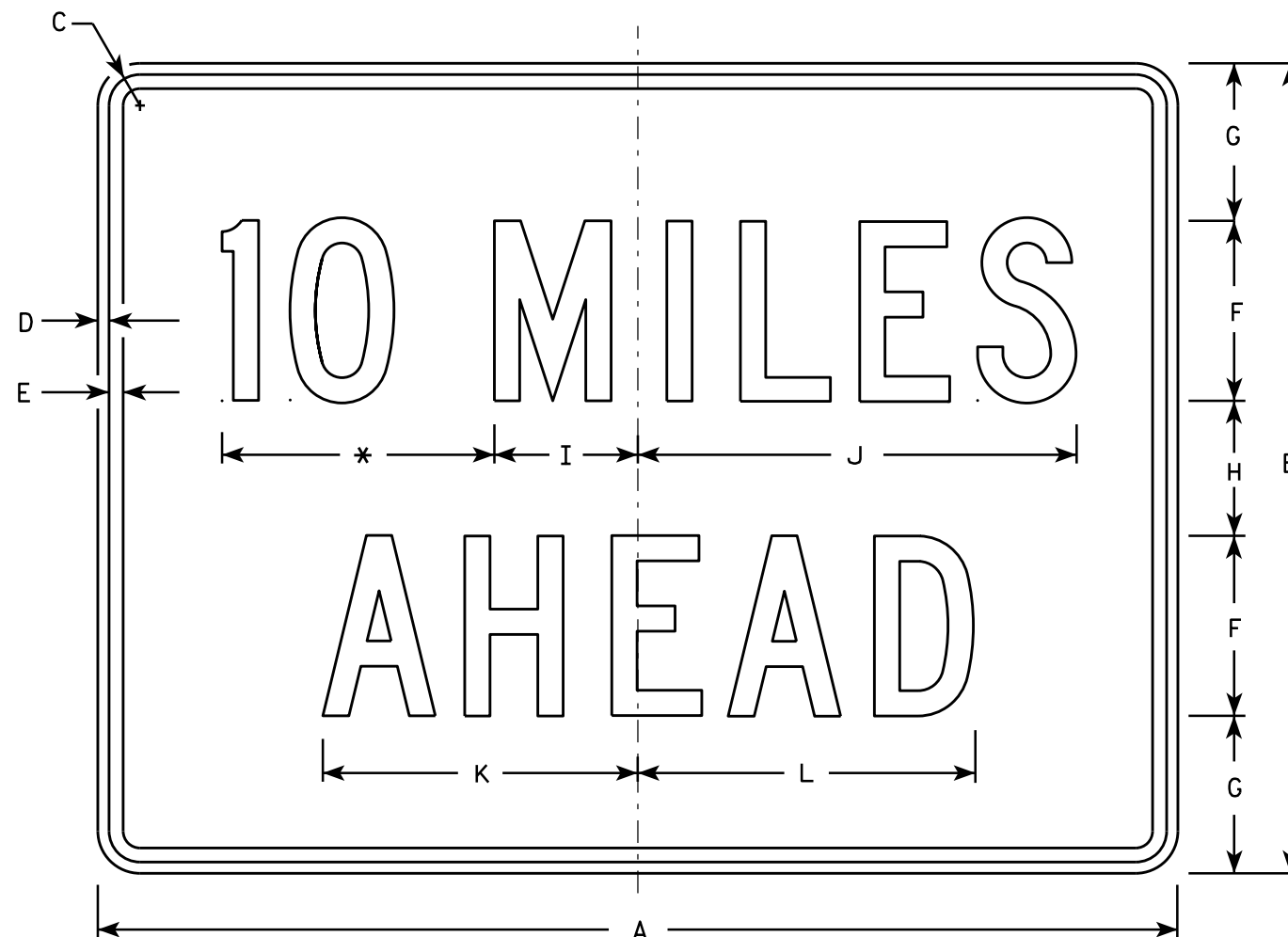
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/8	3/8	1/2	5	2 5/8	2 3/4	7 7/8	8	5	4 1/8	15 3/8														4.5
2S	48	24	1 3/8	1/2	5/8	6	3 1/2	5	10	10 1/8	6	5 5/8	19														8.0
2M	48	24	1 3/8	1/2	5/8	6	3 1/2	5	10	10 1/8	6	5 5/8	19														8.0
3	48	24	1 3/8	1/2	5/8	6	3 1/2	5	10	10 1/8	6	5 5/8	19														8.0
4	48	24	1 3/8	1/2	5/8	6	3 1/2	5	10	10 1/8	6	5 5/8	19														8.0
5	48	24	1 3/8	1/2	5/8	6	3 1/2	5	10	10 1/8	6	5 5/8	19														8.0

STANDARD SIGN
W057-51

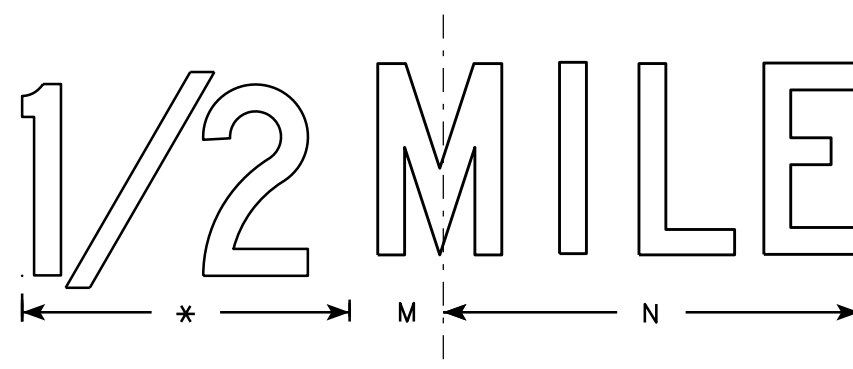
WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

DATE 11/20/13 PLATE NO. W057-51.1



W057-52



* See note 5

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.
5. 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	36	24	1 1/8	3/8	1/2	6	4 1/2	3	4 3/4	14 5/8	10 5/8	11 3/8	2	13													6.0
2S	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0
2M	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0
3	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0
4	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0
5	48	36	1 3/8	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	17 3/8													12.0

STANDARD SIGN
W057-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R. Rauch
for State Traffic Engineer

DATE 11/20/13

PLATE NO. W057-52.1

PROJECT NO:

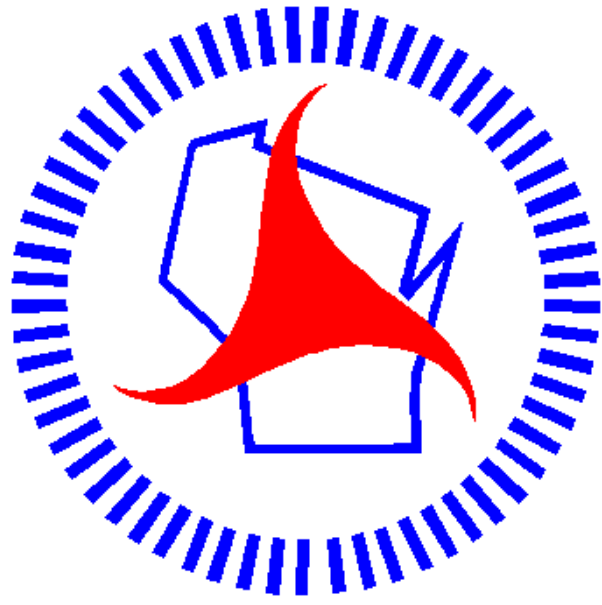
HWY:

COUNTY:

SHEET NO:

E

Notes



Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

<http://www.dot.wisconsin.gov>