

RHI

NOVEMBER 2016

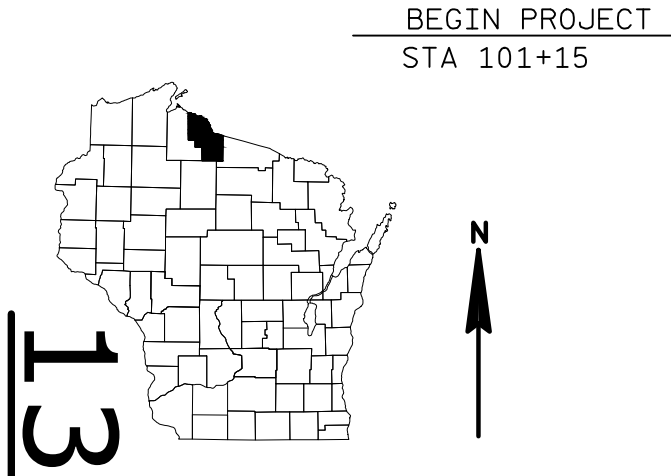
PROJECT ID: 1185-02-61

COUNTY: IRON

WITH:

ORDER OF SHEETS		
Section No. 1	Title	
Section No. 2	Typical Sections and Details	
Section No. 3	Estimate of Quantities	
Section No. 3	Miscellaneous Quantities	
Section No. 4	Right of Way Plat	
Section No. 5	Plan and Profile	
Section No. 6	Standard Detail Drawings	
Section No. 7	Sign Plates	
Section No. 8	Structure Plans	
Section No. 9	Computer Earthwork Data	
Section No. 9	Cross Sections	

TOTAL SHEETS = 76



DESIGN DESIGNATION		
A.A.D.T. 2013	=	3100
A.A.D.T. 2036	=	2500
D.H.V.	=	494
D.D.	=	61/39
T.	=	18.6%
DESIGN SPEED	=	60 MPH
ESALS	=	1,372,400

CONVENTIONAL SYMBOLS

PLAN		PROFILE	
CORPORATE LIMITS		GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH	
EXISTING RIGHT OF WAY		GRADE ELEVATION	
PROPOSED OR NEW R/W LINE		CULVERT (Profile View)	
SLOPE INTERCEPT		UTILITIES	
REFERENCE LINE		ELECTRIC	
EXISTING CULVERT		FIBER OPTIC	
PROPOSED CULVERT (Box or Pipe)		GAS	
COMBUSTIBLE FLUIDS		SANITARY SEWER	
MARSH AREA		STORM SEWER	
WOODED OR SHRUB AREA		TELEPHONE	
		WATER	
		UTILITY PEDESTAL	
		POWER POLE	
		TELEPHONE POLE	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

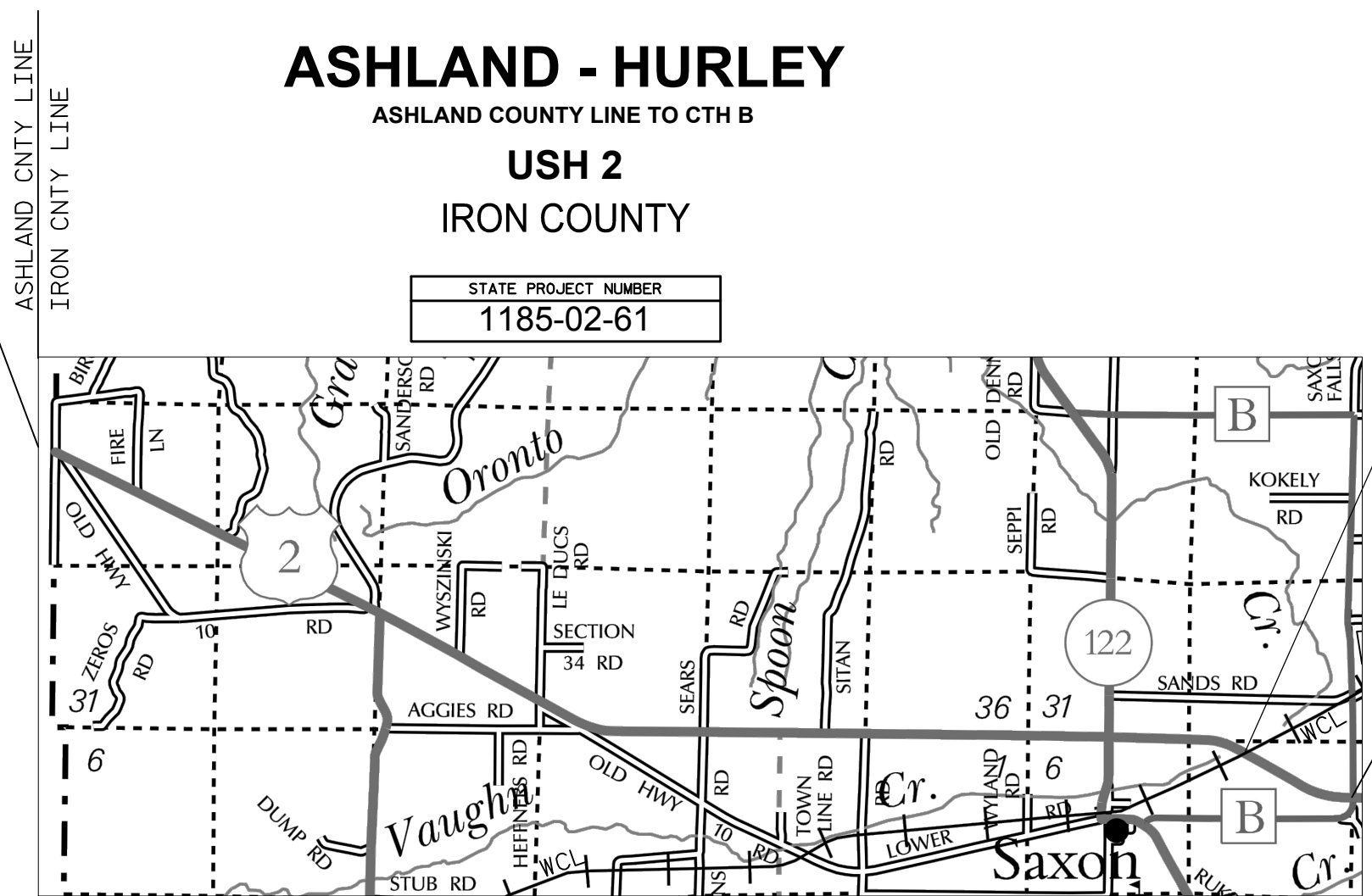
ASHLAND - HURLEY

ASHLAND COUNTY LINE TO CTH B

USH 2

IRON COUNTY

STATE PROJECT NUMBER
1185-02-61



STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1185-02-61	WISC 2016348	1

EXCEPTION TO NET C/L LENGTH
STA 507+92-510+34
WCL RR BRIDGE
B-26-011

END PROJECT
STA 547+10

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	SURVEYOR
Designer	CHAD P. BLUMENSCHN
Project Manager	DANIEL R. ERVA
Regional Examiner	CHERYL L. SIMON
Regional Supervisor	MICHAEL B. WENDT
APPROVED FOR THE DEPARTMENT	
DATE: 4/25/16	(Signature)

GENERAL NOTES

- 1. NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- 2. CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY HIS OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.
- 3. THERE ARE UTILITY FACILITIES WITHIN THE PROJECT THAT ARE NOT SHOWN ON THE PLANS.

CONTACTS

WISCONSIN DNR
JON SIMONSEN
107 SUTLIFF
RHINELANDER, WI 54501
715-365-8916

UTILITIES:

BAYFIELD ELECTRIC COOPERATIVE, INC. - ELECTRICITY
GARY TARASEWICZ
GARY.TARASEWICZ@BAYFIELDELECTRIC.COM
P.O. BOX 68
IRON RIVER, WI 54847-0068
715-372-7539

CENTURYLINK - COMMUNICATION LINE
ALAN NICKELL
ALAN.NICKELL@CENTURYLINK.COM
PO BOX 181
SOLON SPRINGS, WI 54873
715-378-2131 (OFFICE)
715-566-3879 (MOBILE)

XCEL ENERGY - ELECTRICITY/GAS
MURRAY SMERER
MURRAY.J.SMERER@XCELENERGY.COM
2400 FARM ROAD
ASHLAND, WI 54806
715-682-6928

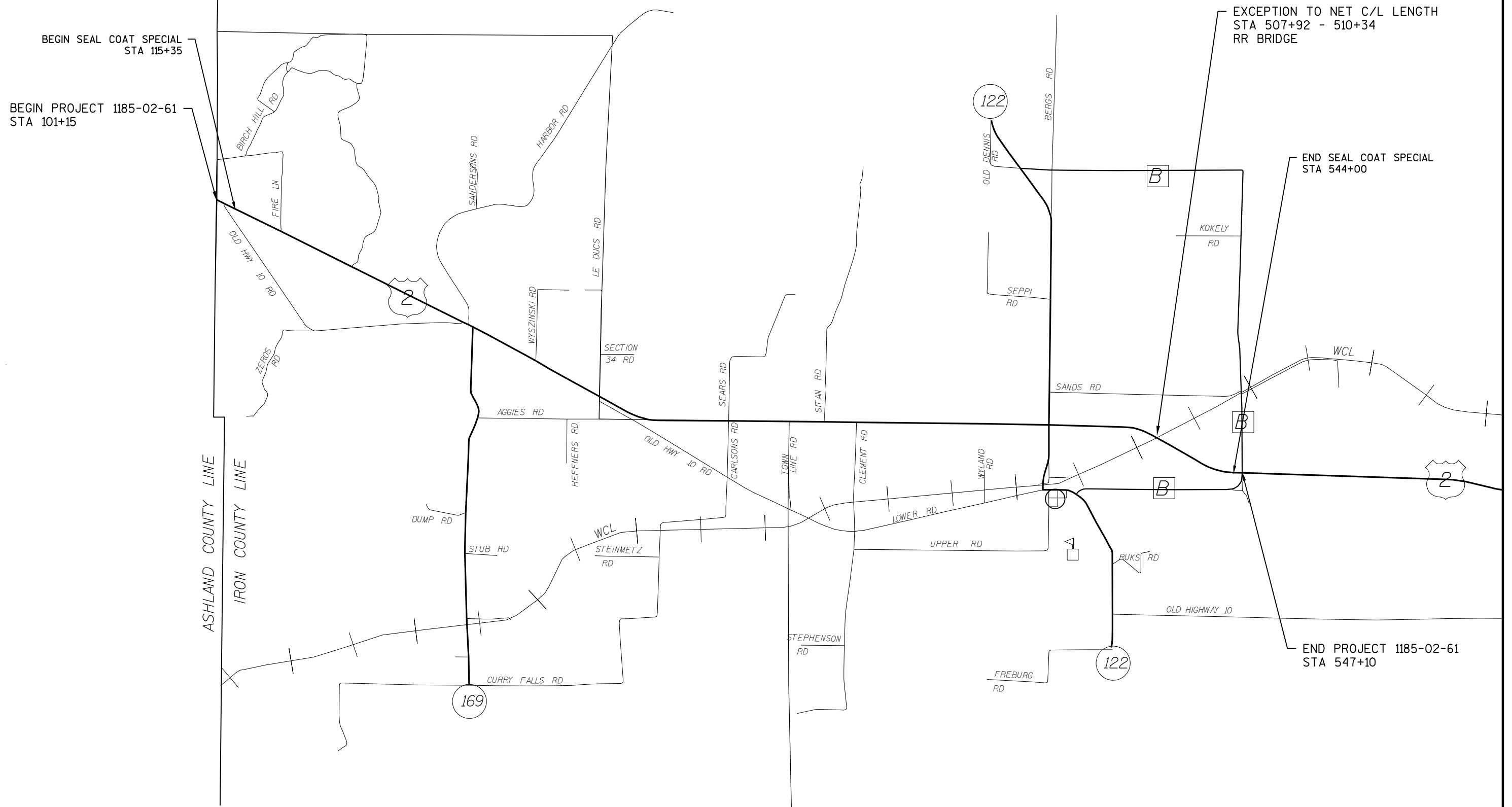
NORTHERN NATURAL GAS COMPANY - GAS/PETROLEUM
JEFF TELKER
JEFF.TELKER@NNGCO.COM
1995 NORTHERN NATURAL GAS RD
CARLTON, MN 55718
402-530-3466 (OFFICE)
218-348-3470 (MOBILE)

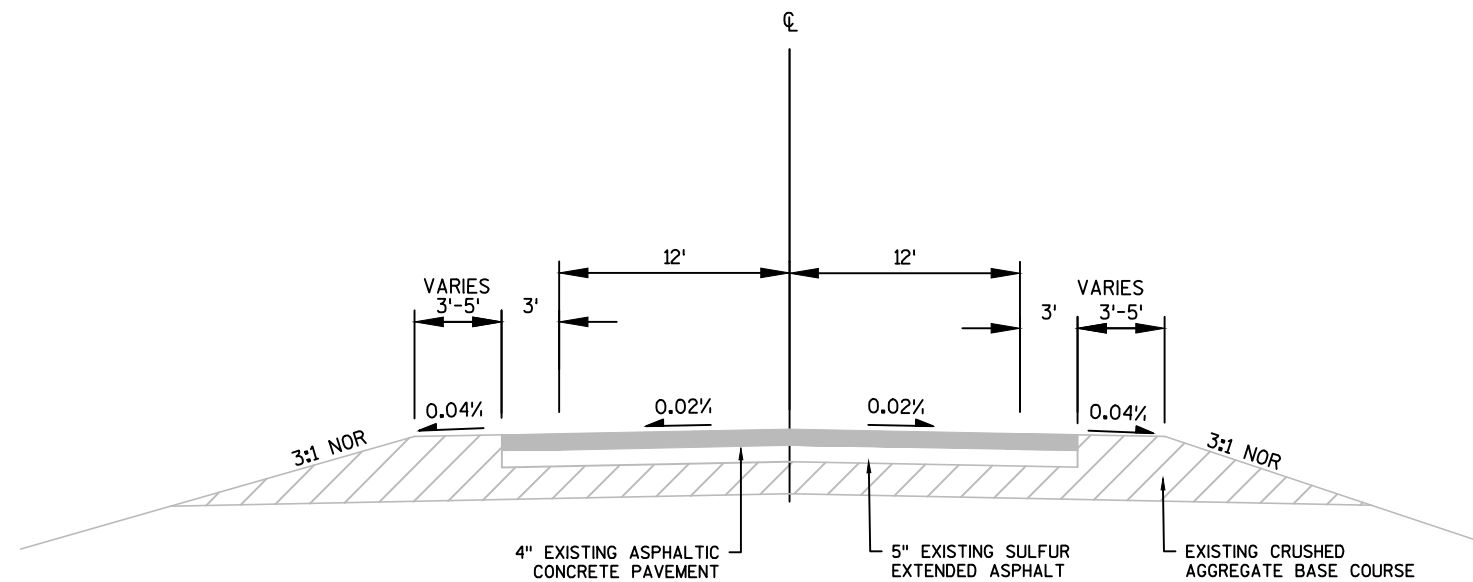
ENBRIDGE ENERGY - GAS/PETROLEUM
STEVEN JOHNSON
1320 GRAND AVE
SUPERIOR, WI 54880
715-394-0708 (OFFICE)
218-269-2201 (MOBILE)

MERIT NETWORK, INC. - COMMUNICATION LINE
CARLOS RAMOS
CRAMOSJ@MERIT.EDU
SUITE 200
1000 OAKBROOK DR
ANN ARBOR, MI 48104
734-527-5767 (OFFICE)
734-476-3873 (MOBILE)



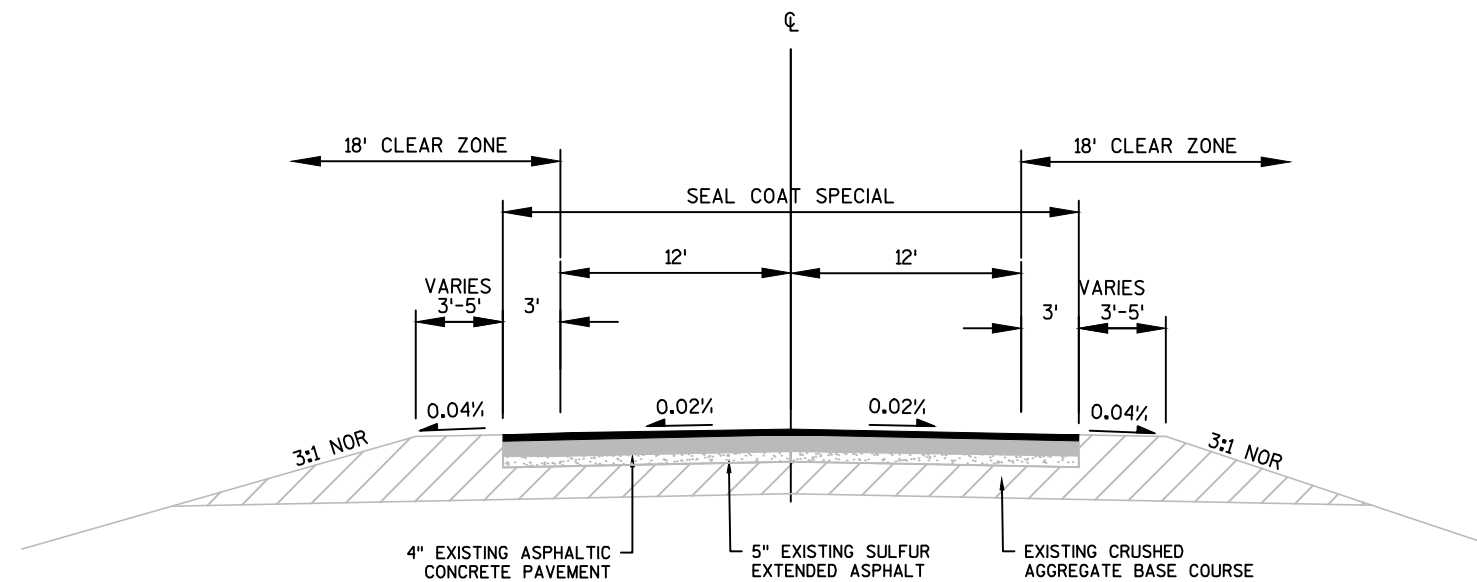
Dial 811 or (800)242-8511
www.DiggersHotline.com





EXISTING TYPICAL SECTION
USH 2

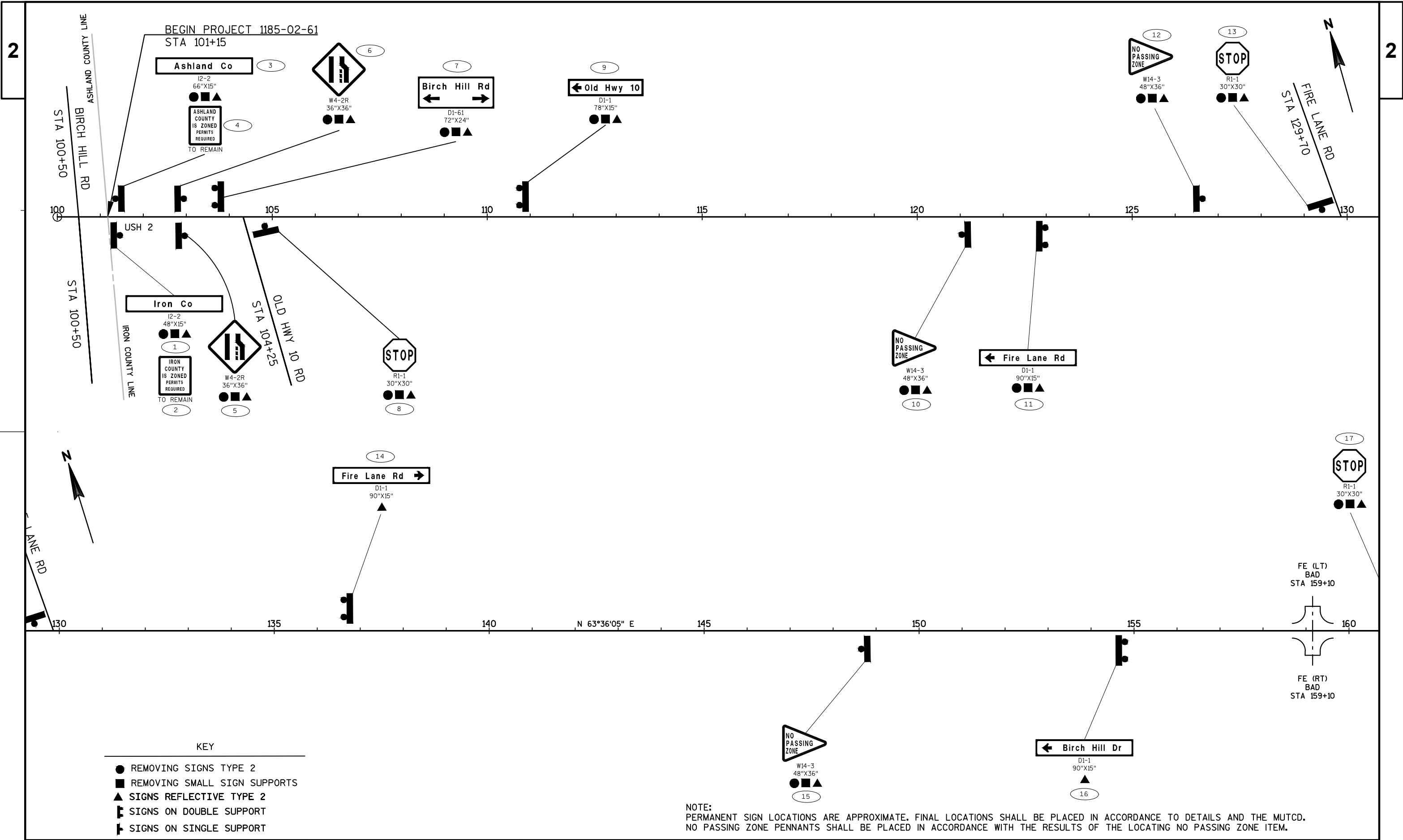
STA 115+35 - STA 507+92
STA 510+34 - STA 544+00

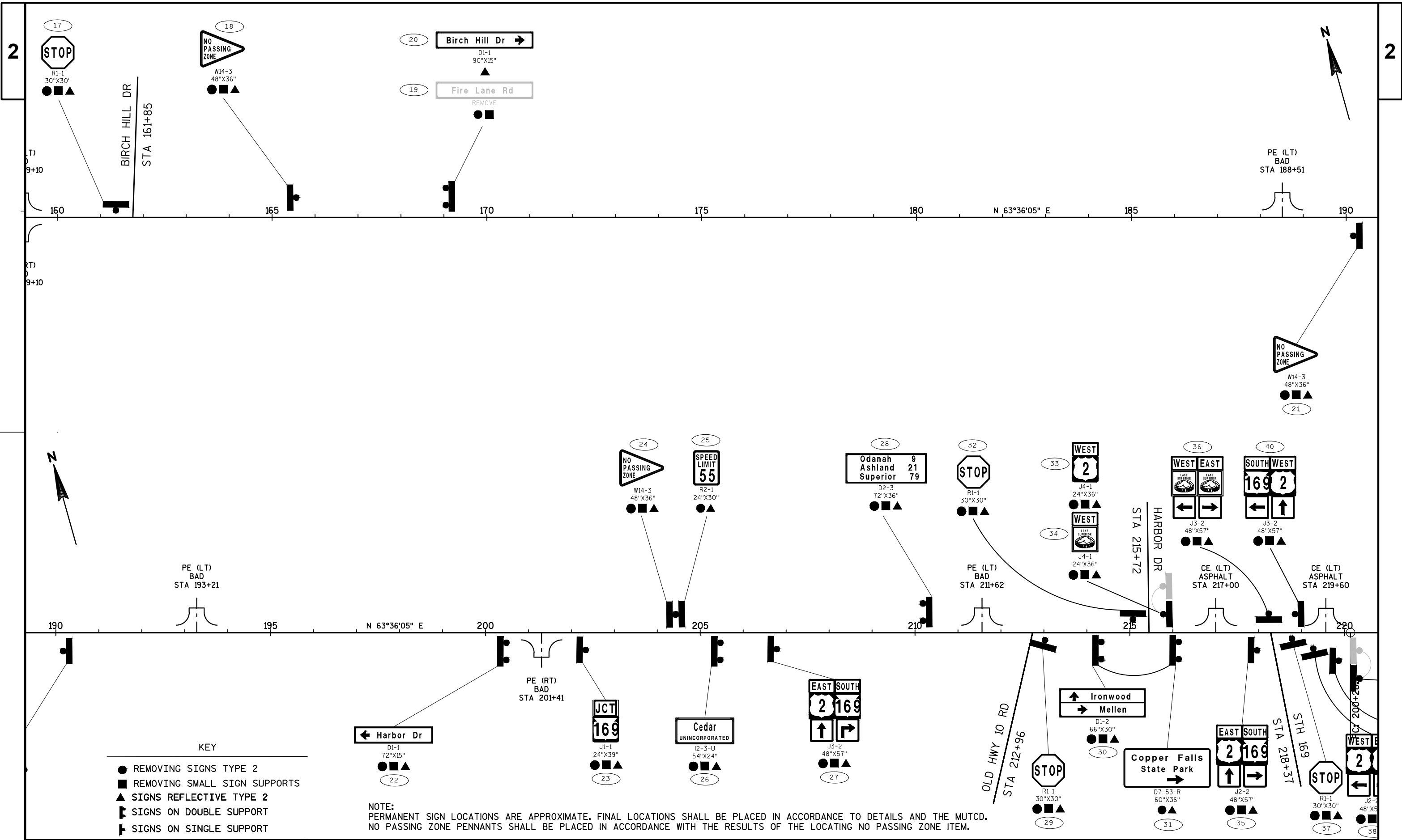
**NOTE:**

1. SEAL COAT SPECIAL WILL INCLUDE ROADWAY, DRIVING LANES, TURN LANES, AND PAVED SHOULDERS.

PROPOSED TYPICAL SECTION
USH 2

STA 115+35 - STA 507+92
STA 510+34 - STA 544+00





PROJECT NO: 1185-02-61

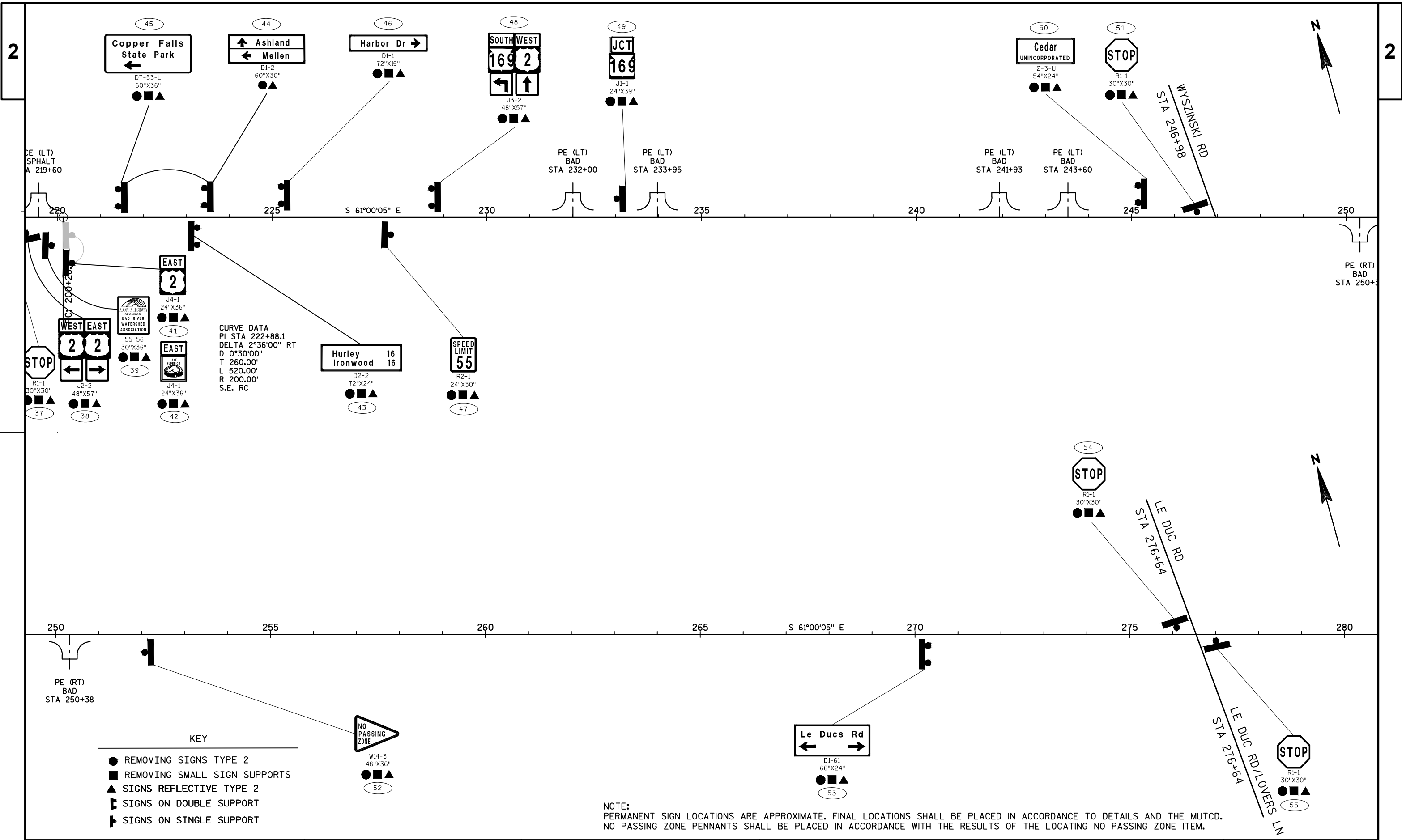
HWY: USH 2

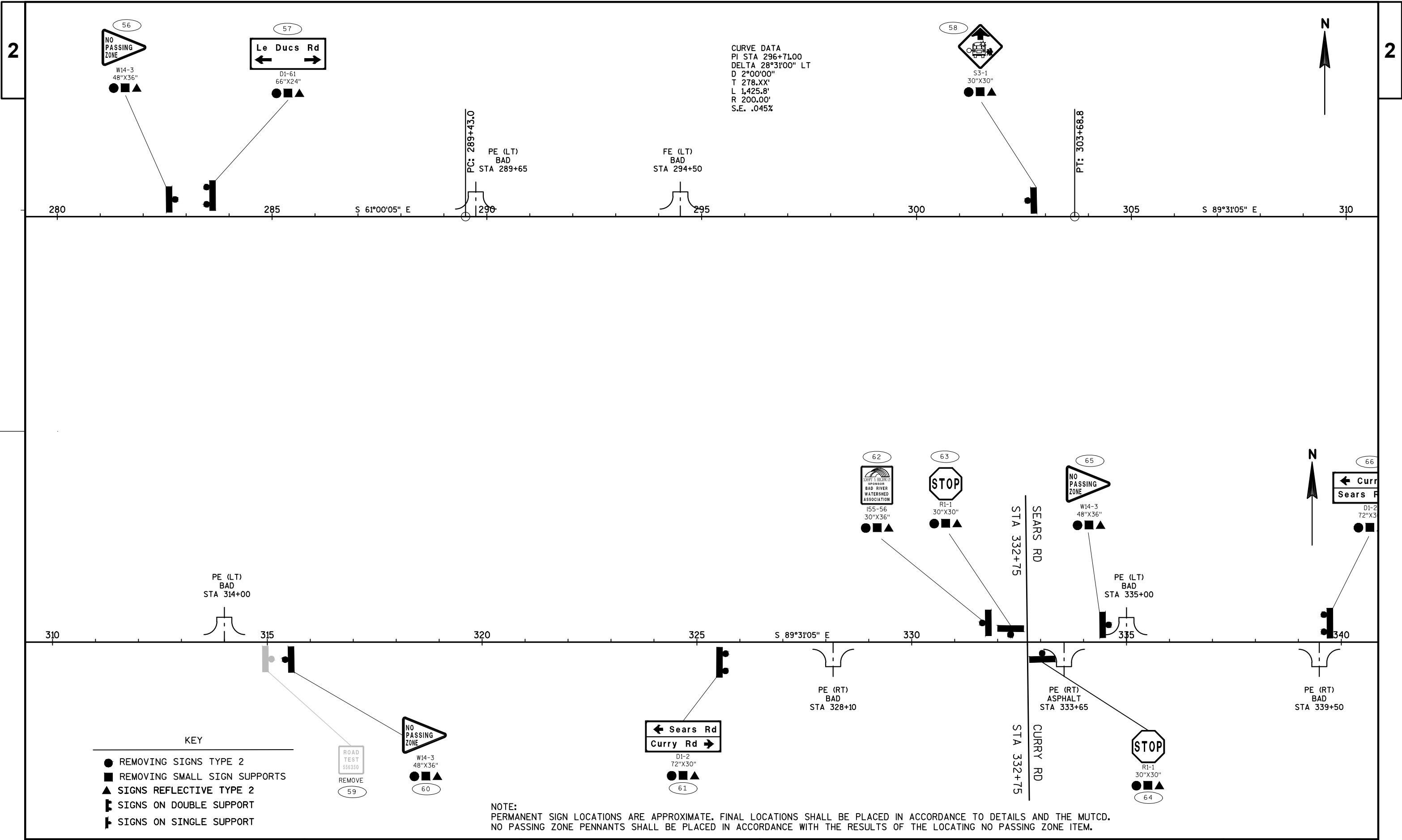
COUNTY: IRON

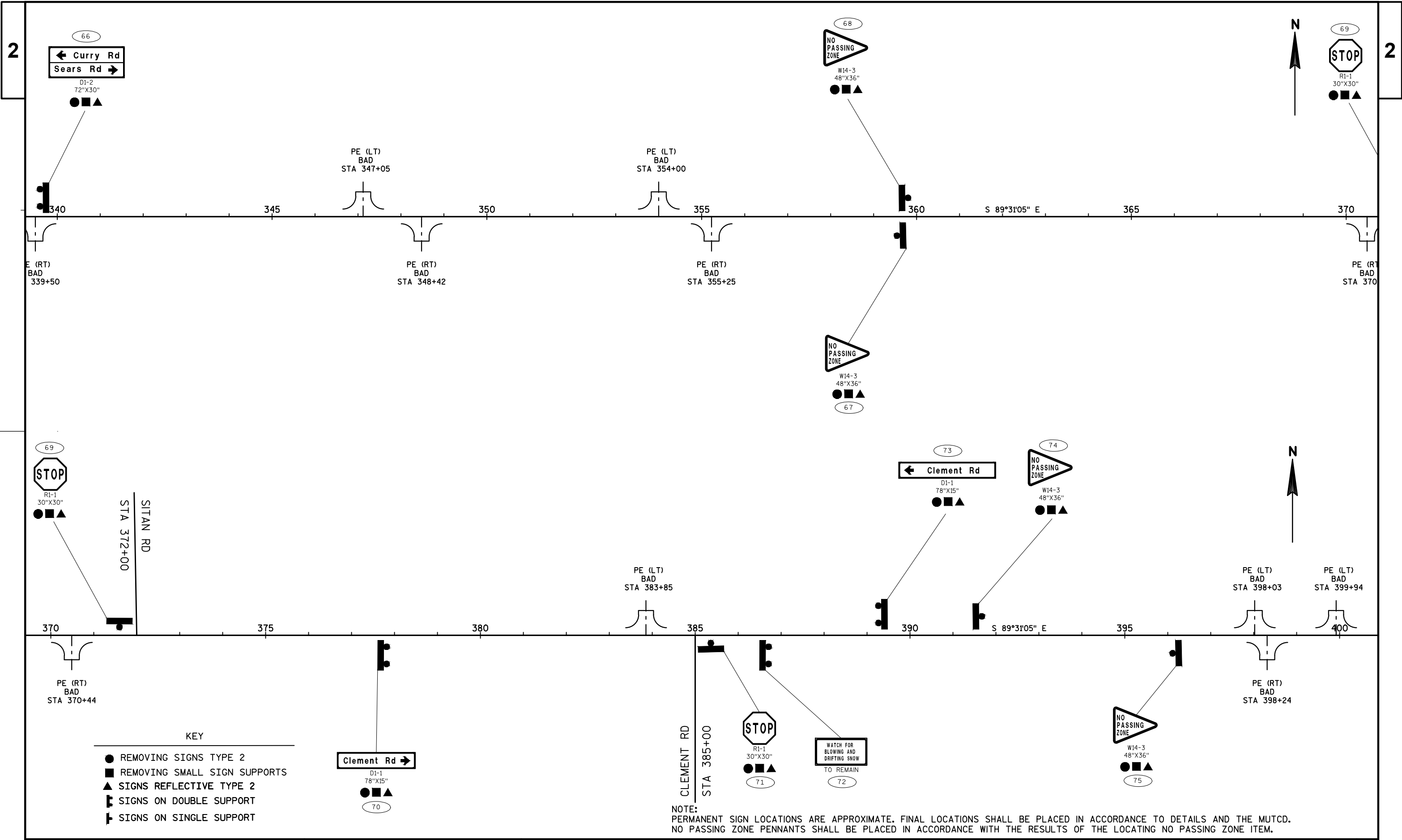
PERMANENT SIGNING

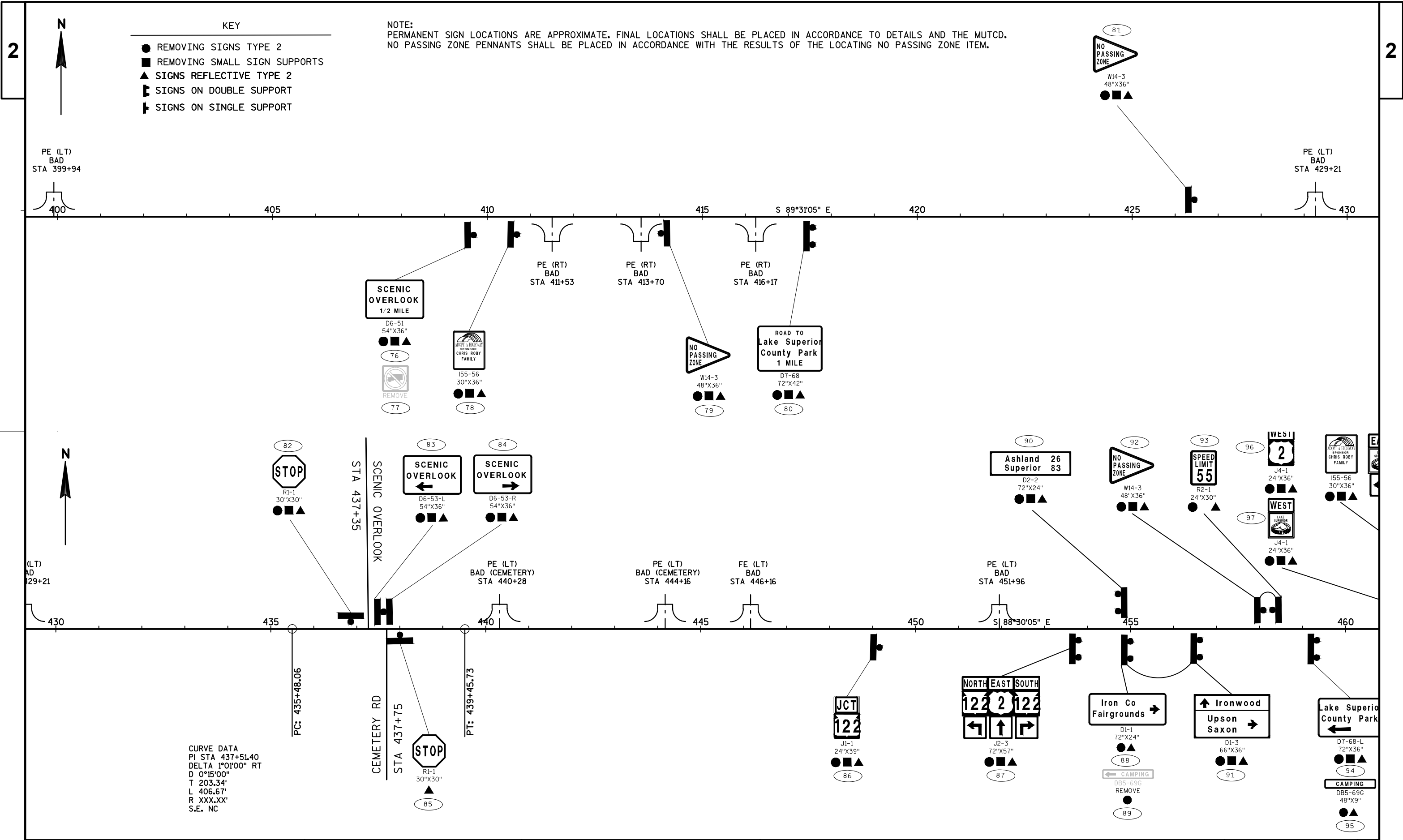
SHEET

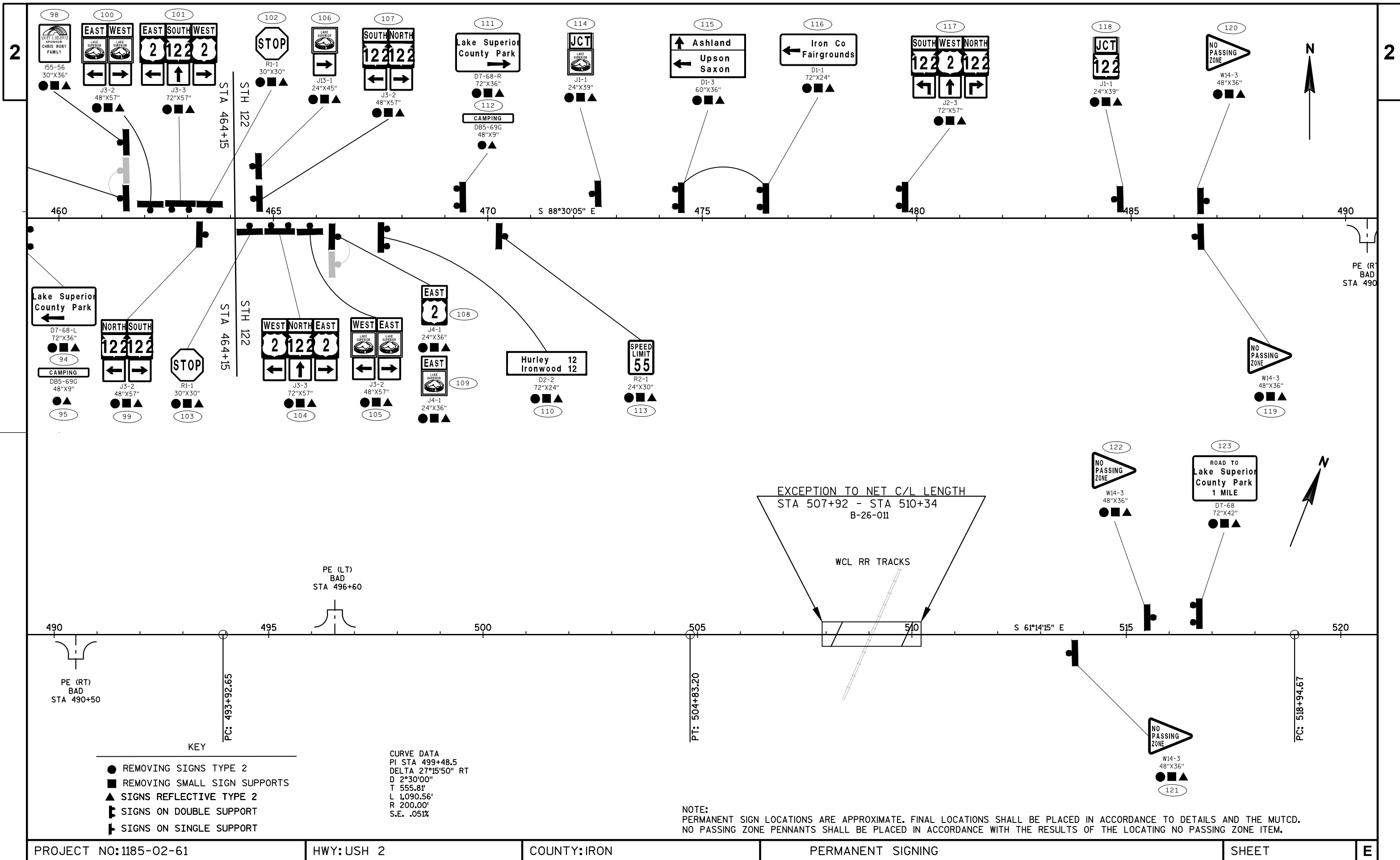
E

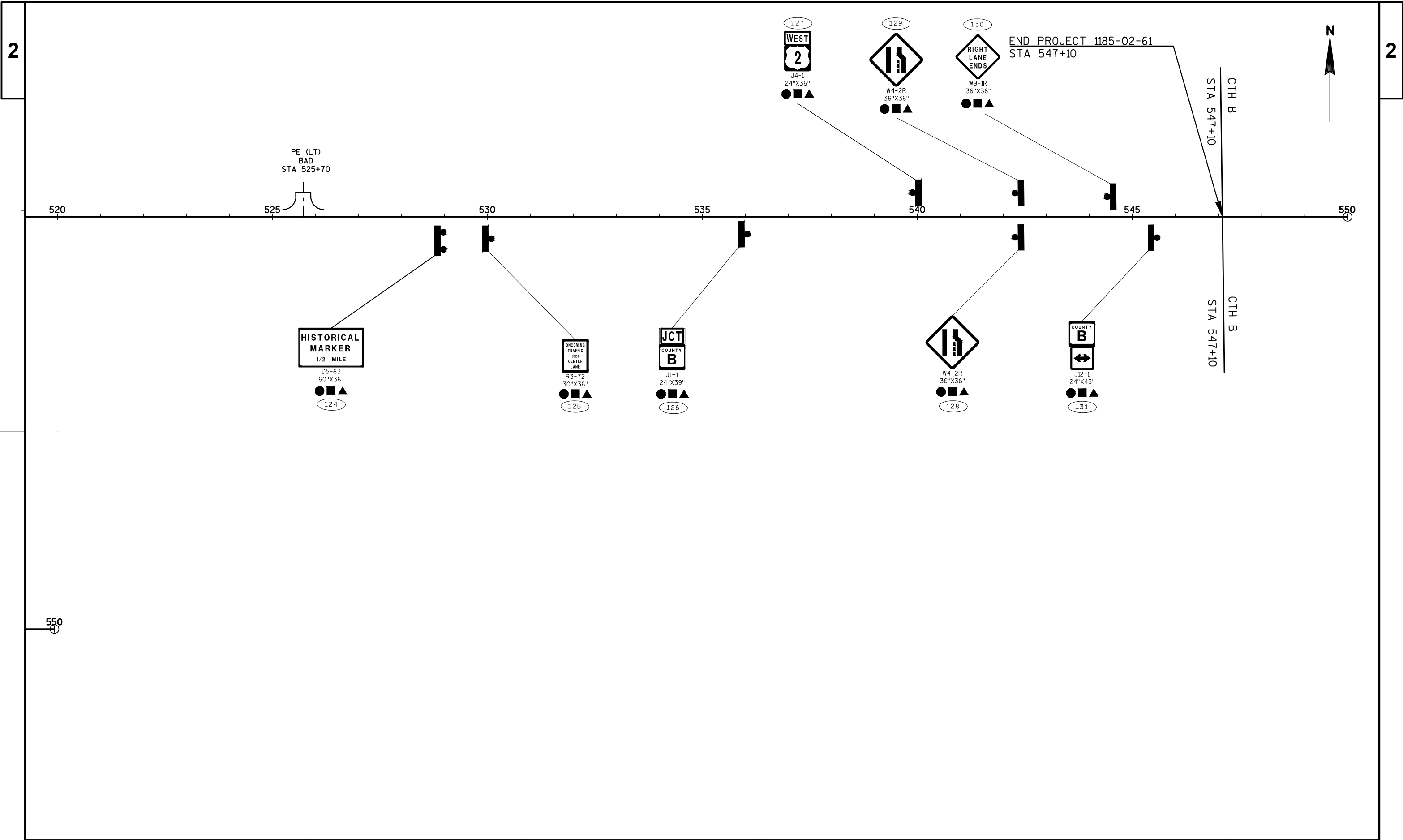


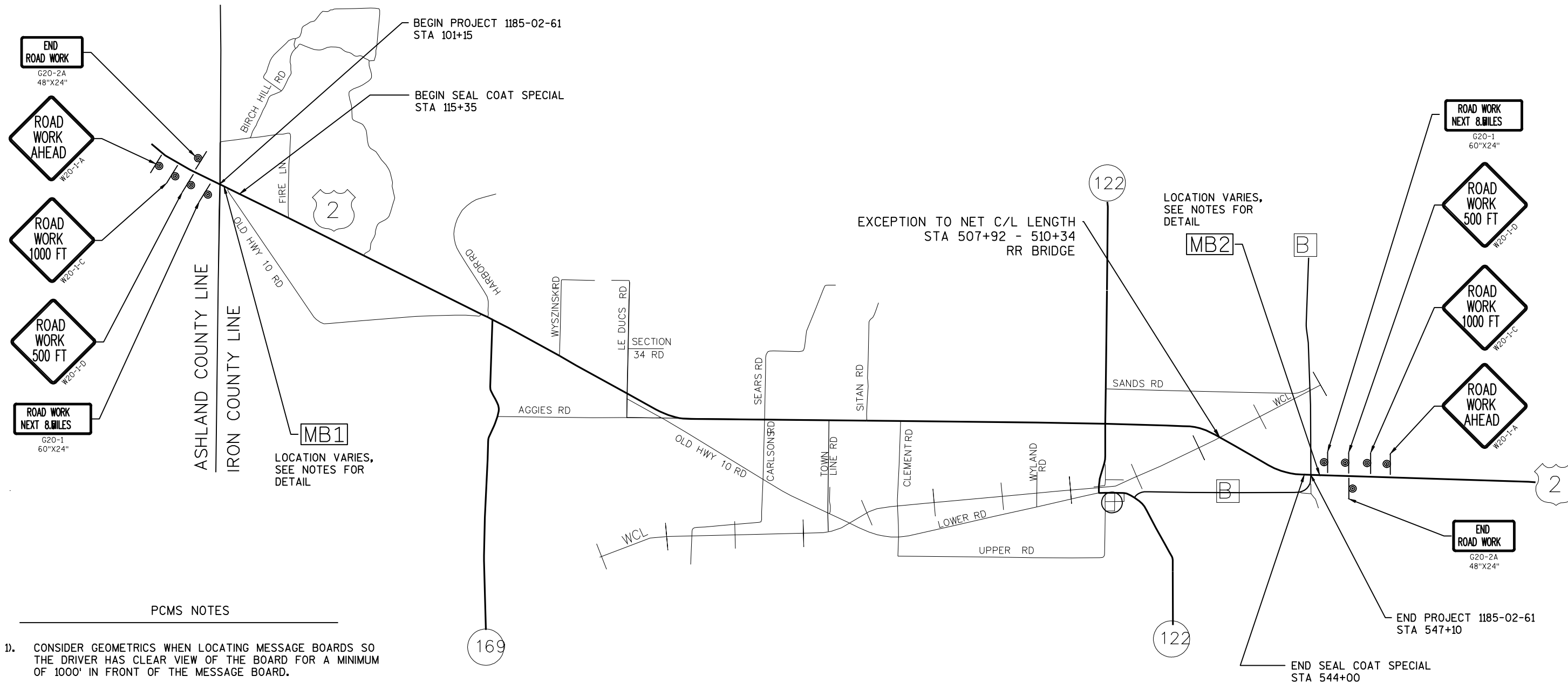












TRAFFIC CONTROL SIGNS PCMS MESSAGES				
PCMS SIGN NUMBER AND LOCATION	PRIOR TO CONSTRUCTION		DURING CONSTRUCTION	
	PHASE 1 (3 SEC)	PHASE 2 (3 SEC)	PHASE 1 (3 SEC)	PHASE 2 (3 SEC)
MB1: (LOCATION VARIES)	ROADWORK BEGINS (DATE)	EXPECT DELAYS	FOLLOW PILOT CAR	EXPECT DELAYS
MB2: (LOCATION VARIES)	ROADWORK BEGINS (DATE)	EXPECT DELAYS	FOLLOW PILOT CAR	EXPECT DELAYS

DATE 21SEP16		E S T I M A T E O F Q U A N T I T I E S			
LINE					1185-02-61
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	213.0100	Finishing Roadway (project) 01.	EACH	1.000	1.000
		1185-02-61			
0020	618.0100	Maintenance And Repair of Haul Roads	EACH	1.000	1.000
		(project) 01. 1185-02-61			
0030	619.1000	Mobilization	EACH	1.000	1.000
0040	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	130.000	130.000
0050	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	25.000	25.000
0060	637.2210	Signs Type II Reflective H	SF	1,034.570	1,034.570
0070	637.2230	Signs Type II Reflective F	SF	177.250	177.250
0080	638.2602	Removing Signs Type II	EACH	124.000	124.000
0090	638.3000	Removing Small Sign Supports	EACH	146.000	146.000
0100	643.0100	Traffic Control (project) 01. 1185-02-61	EACH	1.000	1.000
0110	643.0900	Traffic Control Signs	DAY	980.000	980.000
0120	643.1050	Traffic Control Signs PCMS	DAY	90.000	90.000
0130	646.0106	Pavement Marking Epoxy 4-Inch	LF	129,444.000	129,444.000
0140	646.0126	Pavement Marking Epoxy 8-Inch	LF	1,200.000	1,200.000
0150	648.0100	Locating No-Passing Zones	MI	8.070	8.070
0160	ASP.1T0A	On-the-Job Training Apprentice at \$5.	HRS	1,200.000	1,200.000
		00/HR			
0170	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	600.000	600.000
0180	SPV.0060	Special 01. Temporary Raised Pavement	EACH	3,039.000	3,039.000
		Markers, Type II			
0190	SPV.0125	Special 01. Prepare Existing Pavement	MI	8.070	8.070
		for Seal Coat Special			
0200	SPV.0180	Special 01. Seal Coat Special	SY	145,322.000	145,322.000

213.0100 FINISHING ROADWAY (EACH)			
STATION - STATION	LOCATION	COMMENTS	
101+15 - 547+10	MAINLINE	PROJECT (1185-02-61)	1
TOTAL			1

643.0100 TRAFFIC CONTROL PROJECT (EACH)						643.0900 TRAFFIC CONTROL SIGNS (DAY)		643.1050 TRAFFIC CONTROL SIGNS PCMS (DAY)	
STATION - STATION	LOCATION	COMMENTS							
101+15 - 547+10	MAINLINE	PROJECT (1185-02-61)	1			980		90	
TOTAL			1			980		90	

618.0100 MAINTENANCE AND REPAIR OF HAUL ROADS (EACH)			
STATION - STATION	LOCATION	COMMENTS	
101+15 - 547+10	HAUL ROADS	PROJECT (1185-02-61)	1
TOTAL			1

		646.0106 PAVEMENT MARKING EPOXY 4-INCH DASHED (LF)	646.0106 PAVEMENT MARKING EPOXY 4-INCH CENTERLINE (LF)	646.0106 PAVEMENT MARKING EPOXY 4-INCH EDGE LINE (LF)	646.0126 PAVEMENT MARKING EPOXY 8-INCH TURN LANE (LF)	648.0100 LOCATING NO-PASSING ZONES (MI)
STATION - STATION	LOCATION					
115+35 - 544+00	PROJECT					8.07
115+35 - 544+00	MAINLINE	3,410	40,392	85,642		
215+00 - 220+00	STH 169 (LT/RT)				450	
437+75 - 440+25	SCENIC OVERLOOK (LT)				250	
461+00 - 466+00	STH 122 (LT/RT)				500	
TOTALS			129,444		1,200	8.07

STATION - STATION	LOCATION	SPV.0060.01 TEMPORARY RAISED PAVEMENT MARKERS, TYPE II	SPV.0060.01 TEMPORARY RAISED PAVEMENT MARKERS, TYPE II
		WHITE (EACH)	YELLOW (EACH)
115+35 - 544+00	MAINLINE		2978
215+00 - 220+00	STH 169 (TURN LANES)	18	
437+75 - 440+25	SCENIC OVERLOOK (TURN LANE)	10	
461+00 - 466+00	STH 122 (TURN LANES)	20	
542+42 - 544+00	CLIMBING LANE SKIPS	13	
TOTAL		3,039	

STATION - STATION	LOCATION	SPV.0125.01 PREPARE EXISTING PAVEMENT FOR SEAL COAT SPECIAL
		(MI)
115+35 - 544+00	PROJECT (1185-02-61)	8.07
TOTAL		8.07

STATION - STATION	LOCATION	SPV.0180.01 SEAL COAT SPECIAL
		(SY)
115+35 - 544+00	PROJECT (1185-02-61)	145,322
TOTAL		145,322

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PERMANENT SIGNING																
SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE	SIGN MESSAGE	634.0616	634.0618	637.2210	637.2230	638.2602	638.3000	MOUNT ON SAME POST AS SIGN #	DESCRIPTION			
						WOOD POSTS 16' 4X6 INCH (EACH)	WOOD POSTS 18' 4X6 INCH (EACH)	SIGNS TYPE II REFLECTIVE H (SF)	SIGNS TYPE II REFLECTIVE F (SF)	REMOVING SIGNS TYPE II (EACH)	REMOVING SMALL SIGN SUPPORTS (EACH)					
1	101+15	RT	I2-2	48X15	IRON CO	1	-	5.00	-	1	1		INFORMATION SIGN			
2	101+15	RT			<u>TO REMAIN:</u> IRON COUNTY IS ZONED PERMITS REQUIRED	-	-	-	-	-	-		REGULATORY SIGN			
3	101+15	LT	I2-2	66X15	ASHLAND CO	2	-	6.88	-	1	2		INFORMATION SIGN			
4	101+15	LT			<u>TO REMAIN:</u> ASHLAND COUNTY IS ZONED PERMITS REQUIRED	-	-	-	-	-	-		REGULATORY SIGN			
5	102+73	RT	W4-2R	36X36	LANE REDUCTION	1	-	-	9.00	1	1		WARNING SIGN			
6	102+73	LT	W4-2R	36X36	LANE REDUCTION	1	-	-	9.00	1	1		WARNING SIGN			
7	103+26	LT	D1-61	72X24	BIRCH HILL RD [DA]	2	-	12.00	-	1	2		DESTINATION SIGN			
8	104+30	RT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1		REGULATORY SIGN			
9	110+92	LT	D1-1	78X15	[LA] OLD HWY 10	2	-	8.13	-	1	2		DESTINATION SIGN			
10	121+21	RT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1		WARNING SIGN			
11	122+80	RT	D1-1	90X15	[LA] FIRE LANE RD	2	-	9.38	-	1	2		DESTINATION SIGN			
12	126+49	LT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1		WARNING SIGN			
13	129+66	LT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1		REGULATORY SIGN			
14	136+66	LT	D1-1	90X15	FIRE LANE RD [RA]	2	-	9.38	-	-	-		DESTINATION SIGN			
15	148+67	RT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1		WARNING SIGN			
16	154+80	RT	D1-1	90X15	[LA] BIRCH HILL DR	2	-	9.38	-	-	-					
17	161+80	LT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1		REGULATORY SIGN			
18	165+57	LT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1		WARNING SIGN			
19	169+26	LT	D1-1	90X15	<u>REMOVE:</u> FIRE LANE RD	-	-	-	-	1	2		DESTINATION SIGN			
20	169+26	LT	D1-1	90X15	BIRCH HILL DR [RA]	2	-	9.38	-	-	-		DESTINATION SIGN			
21	190+38	RT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1		WARNING SIGN			
22	200+41	RT	D1-1	72X15	[LA] HARBOR DR	2	-	7.50	-	1	2		DESTINATION SIGN			
23	202+30	RT	J1-1	24X39		1	-	6.50	-	1	1		<u>JUNCTION ASSEMBLY</u>			
			M2-1	21X15	JCT	-	-	-	-	-	-		MARKER SIGN			
			M1-6	24X24	169	-	-	-	-	-	-		STH ROUTE MARKER SIGN			
24	204+64	LT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1		WARNING SIGN			
25	204+64	LT	R2-1	24X30	SPEED LIMIT 55	-	-	5.00	-	1	-		REGULATORY SIGN			
26	205+70	RT	I2-3-U	54X24	CEDAR UNINCORPORATED	2	-	9.00	-	1	2		INFORMATION SIGN			
27	206+76	RT	J3-2	48X57		-	1	19.00	-	1	1		<u>JUNCTION ASSEMBLY</u>			
			M3-2	24X12	EAST								CARDINAL DIRECTION MARKER			
			M1-4	24X24	2								USH ROUTE MARKER SIGN			
			M6-1	21X21	[UA]								MARKER SIGN			
			M3-3	24X12	SOUTH								CARDINAL DIRECTION MARKER			
			M1-6	24X24	169								STH ROUTE MARKER SIGN			
			M5-1R	21X21	[ARA]								MARKER SIGN			
28	210+30	LT	D2-3	72X36	ODANAH 9, ASHLAND 21, SUPERIOR 79	2	-	18.00	-	1	2		DESTINATION SIGN			
29	213+00	RT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1		REGULATORY SIGN			
30	214+00	RT	D1-2	66X30	[UA] IRONWOOD, MELLEN [RA]	2	-	13.75	-	1	2		DESTINATION SIGN			
31	216+00	RT	D7-53R	60X36	COPPER FALLS STATE PARK [RA]	2	-	15.00	-	1	-		DESTINATION SIGN			
32	215+68	LT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1		REGULATORY SIGN			
33	216+77	LT	J4-1	24X36		-	1	6.00	-	1	1		<u>JUNCTION ASSEMBLY</u>			
			M3-4	24X12	WEST								CARDINAL DIRECTION MARKER			
			M1-4	24X24	2								USH ROUTE MARKER SIGN			
34	216+77	LT	J4-1	24X36		-	-	6.00	-	1	1	30	<u>JUNCTION ASSEMBLY</u>			
			M3-4	24X12	WEST								CARDINAL DIRECTION MARKER			
			M1-91	24X24	LAKE SUPERIOR CIRCLE TOUR								MARKER SIGN			
35	218+00	RT	J2-2	48X57		-	1	19.00	-	1	1		<u>JUNCTION ASSEMBLY</u>			
			M3-2	24X12	EAST								CARDINAL DIRECTION MARKER			
			M1-4	24X24	2								USH ROUTE MARKER SIGN			
			M6-1	21X21	[UA]								MARKER SIGN			
			M3-3	24X12	SOUTH								CARDINAL DIRECTION MARKER			
			M1-6	24X24	169								STH ROUTE MARKER SIGN			
			M6-1	21X21	[RA]								MARKER SIGN			
SHEET 1						SUB-TOTALS:		39	3	220.16	54.00	30	37			
PROJECT NO: 1185-02-61				HWY: USH 2		COUNTY: IRON		MISCELLANEOUS QUANTITIES						SHEET:		E

3

3

PERMANENT SIGNING															
SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE	SIGN MESSAGE	634.0616	634.0618	637.2210	637.2230	638.2602	638.3000	MOUNT ON SAME POST AS SIGN #	DESCRIPTION		
						WOOD POSTS 16' 4X6 INCH (EACH)	WOOD POSTS 18' 4X6 INCH (EACH)	SIGNS TYPE II REFLECTIVE H (SF)	SIGNS TYPE II REFLECTIVE F (SF)	REMOVING SIGN TYPE II (EACH)	REMOVING SMALL SIGN SUPPORTS (EACH)				
36	218+19	LT	J3-2	48X57		-	1	19.00	-	1	1		JUNCTION ASSEMBLY		
			M3-4	24X12	WEST							CARDINAL DIRECTION MARKER			
			M1-91	24X24	LAKE SUPERIOR CIRCLE TOUR							MARKER SIGN			
			M6-1	21X21	[LA]							MARKER SIGN			
			M3-2	24X12	EAST							CARDINAL DIRECTION MARKER			
			M1-91	24X24	LAKE SUPERIOR CIRCLE TOUR							MARKER SIGN			
			M6-1	21X21	[RA]							MARKER SIGN			
37	218+40	RT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1		REGULATORY SIGN		
38	218+40	RT	J2-2	48X57		-	1	19.00	-	1	1		JUNCTION ASSEMBLY		
			M3-4	24X12	WEST							CARDINAL DIRECTION MARKER			
			M1-4	24X24	2							USH ROUTE MARKER SIGN			
			M6-1	21X21	[LA]							MARKER SIGN			
			M3-2	24X12	EAST							CARDINAL DIRECTION MARKER			
			M1-4	24X24	2							USH ROUTE MARKER SIGN			
			M6-1	21X21	[RA]							MARKER SIGN			
39	218+63	RT	I55-56	30X36	ADOPT A HIGHWAY: BAD RIVER WATERSHED ASSOCIATION	1	-	7.50	-	1	1		INFORMATION SIGN		
40	218+72	LT	J3-2	48X57		-	-	19.00	-	1	1		JUNCTION ASSEMBLY		
			M3-3	24X12	SOUTH							CARDINAL DIRECTION MARKER			
			M1-6	24X24	169							STH ROUTE MARKER SIGN			
			M6-1	21X21	[LA]							MARKER SIGN			
			M3-4	24X12	WEST							CARDINAL DIRECTION MARKER			
			M1-4	24X24	2							USH ROUTE MARKER SIGN			
			M6-1	21X21	[UA]							MARKER SIGN			
41	219+16	RT	J4-1	24X36		-	1	6.00	-	1	1		JUNCTION ASSEMBLY		
			M3-2	24X12	EAST							CARDINAL DIRECTION MARKER			
			M1-4	24X24	2							USH ROUTE MARKER SIGN			
42	219+16	RT	J4-1	24X36		-	-	6.00	-	1	1	38	JUNCTION ASSEMBLY		
			M3-2	24X12	EAST							CARDINAL DIRECTION MARKER			
			M1-91	24X24	LAKE SUPERIOR CIRCLE TOUR							MARKER SIGN			
43	223+12	RT	D2-2	72X24	HURLEY 16, IRONWOOD 16	-	2	12.00	-	1	2		DESTINATION SIGN		
44	223+47	LT	D1-2	60X30	[UA] ASHLAND, [LA] MELLE	-	2	12.50	-	1	2		DESTINATION SIGN		
45	223+47	LT	D7-53L	60X36	COPPER FALLS STATE PARK [LA]	-	2	15.00	-	1	-		DESTINATION SIGN		
46	225+32	LT	D1-1	72X15	HARBOR DR [RA]	2	-	7.50	-	1	2		DESTINATION SIGN		
47	227+87	RT	R2-1	24X30	SPEED LIMIT 55	1	-	5.00	-	1	1		REGULATORY SIGN		
48	228+93	LT	J3-2	48X57		-	1	19.00	-	1	2		JUNCTION ASSEMBLY		
			M3-3	24X12	SOUTH							CARDINAL DIRECTION MARKER			
			M1-6	24X24	169							STH ROUTE MARKER SIGN			
			M5-1L	21X21	[ALA]							MARKER SIGN			
			M3-4	24X12	WEST							CARDINAL DIRECTION MARKER			
			M1-4	24X24	2							USH ROUTE MARKER SIGN			
			M6-1	21X21	[UA]							MARKER SIGN			
49	233+15	LT	J1-1	24X39		1	-	6.50	-	1	1		JUNCTION ASSEMBLY		
			M2-1	21X15	JCT							MARKER SIGN			
			M1-6	24X24	169							STH ROUTE MARKER SIGN			
SHEET 2						SUB-TOTALS:		6	10	159.18	0.00	14	17		
PROJECT NO: 1185-02-61				HWY: USH 2		COUNTY: IRON			MISCELLANEOUS QUANTITIES				SHEET:		E

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PERMANENT SIGNING												
					634.0616		634.0618		637.2210	637.2230	638.2602	638.3000
					WOOD	WOOD	WOOD	WOOD	SIGNS TYPE II	SIGNS TYPE II	REMOVING	REMOVING
					POSTS 16'	POSTS 18'	POSTS 16'	POSTS 18'	SIGNS TYPE II	SIGNS TYPE II	SIGNS TYPE II	SMALL SIGN
					4X6 INCH	4X6 INCH	4X6 INCH	4X6 INCH	REFLECTIVE H	REFLECTIVE F	SIGNS TYPE II	SUPPORTS
					(EACH)	(EACH)	(EACH)	(EACH)	(SF)	(SF)	(EACH)	(EACH)
SIGN	STATION	LOCATION	SIGN CODE	SIZE	SIGN MESSAGE							MOUNT ON
NUMBER												AS SIGN #
												DESCRIPTION
50	245+29	LT	I2-3-U	54X24	CEDAR UNINCORPORATED	2	-	9.00	-	1	2	INFORMATION SIGN
51	246+87	LT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1	REGULATORY SIGN
52	252+15	RT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1	WARNING SIGN
53	270+11	RT	D1-61	66X24	[LA] LE DUCS RD [RA]	2	-	11.00	-	1	2	DESTINATION SIGN
54	276+45	LT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1	REGULATORY SIGN
55	277+50	RT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1	REGULATORY SIGN
56	282+78	LT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1	WARNING SIGN
57	283+84	LT	D1-61	66X24	[LA] LE DUCS RD [RA]	2	-	11.00	-	1	2	DESTINATION SIGN
58	302+85	LT	S3-1	30X30	SCHOOL BUS STOP AHEAD	1	-	-	6.25	1	1	SCHOOL SIGN
59	315+00	RT		-	REMOVE: ROAD TEST #556350	-	-	-	-	1	1	ROAD TEST SIGN
60	315+52	RT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1	WARNING SIGN
61	325+55	RT	D1-2	72X30	[LA] SEARS RD, CURRY RD [RA]	2	-	15.00	-	1	2	DESTINATION SIGN
62	331+90	LT	I55-56	30X36	ADOPT A HIGHWAY: BAD RIVER WATERSHED ASSOCIATION	1	-	7.50	-	1	1	INFORMATION SIGN
63	332+70	LT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1	REGULATORY SIGN
64	332+80	RT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1	REGULATORY SIGN
65	334+58	LT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1	WARNING SIGN
66	339+80	LT	D1-2	72X30	[LA] CURRY RD, SEARS RD [RA]	2	-	15.00	-	1	2	DESTINATION SIGN
67	359+86	RT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1	WARNING SIGN
68	359+86	LT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1	WARNING SIGN
69	371+85	LT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1	REGULATORY SIGN
70	377+82	RT	D1-1	78X15	CLEMENT RD [RA]	2	-	8.13	-	1	2	DESTINATION SIGN
71	385+25	RT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1	REGULATORY SIGN
72	386+80	RT			TO REMAIN: WATCH FOR BLOWING AND DRIFTING SNOW	-	-	-	-	-	-	WARNING SIGN
73	389+96	LT	D1-1	78X15	[LA] CLEMENT RD	2	-	8.13	-	1	2	DESTINATION SIGN
74	391+55	LT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1	WARNING SIGN
75	396+30	RT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1	WARNING SIGN
76	409+60	RT	D6-51	54X36	SCENIC OVERLOOK 1/2 MILE	2	-	13.50	-	1	1	DESTINATION SIGN
77	409+60	RT	R5-2	-	REMOVE: NO TRUCKS SIGN	-	-	-	-	1	-	REGULATORY SIGN
78	410+56	RT	I55-56	30X36	ADOPT A HIGHWAY: CHRIS ROBY FAMILY	1	-	7.50	-	1	1	INFORMATION SIGN
79	413+72	RT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1	WARNING SIGN
80	417+42	RT	D7-68	72X42	ROAD TO LAKE SUPERIOR COUNTY PARK 1 MILE	2	-	21.00	-	1	2	DESTINATION SIGN
81	426+40	LT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1	WARNING SIGN
82	437+22	LT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1	REGULATORY SIGN
83	437+49	LT	D6-53L	54X36	SCENIC OVERLOOK [LA]	2	-	13.50	-	1	1	DESTINATION SIGN
84	437+49	LT	D6-53R	54X36	SCENIC OVERLOOK [RA]	-	-	13.50	-	1	-	80 DESTINATION SIGN
85	438+00	RT	R1-1	30X30	STOP SIGN	1	-	5.18	-	-	-	REGULATORY SIGN
86	449+11	RT	J1-1	24X39		1	-	6.50	-	1	1	JUNCTION ASSEMBLY
			M2-1	21X15	JCT							MARKER SIGN
			M1-6	24X24	122							STH ROUTE MARKER SIGN
87	453+85	RT	J2-3	72X57		-	2	28.50	-	1	2	JUNCTION ASSEMBLY
			M3-1	24X12	NORTH							CARDINAL DIRECTION MARKER
			M1-6	24X24	122							STH ROUTE MARKER SIGN
			M5-1L	21X21	[ULA]							MARKER SIGN
			M3-2	24X12	EAST							CARDINAL DIRECTION MARKER
			M1-4	24X24	2							USH ROUTE MARKER SIGN
			M6-1	21X21	[UA]							MARKER SIGN
			M3-3	24X12	SOUTH							CARDINAL DIRECTION MARKER
			M1-6	24X24	122							STH ROUTE MARKER SIGN
			M5-1R	21X21	[URA]							MARKER SIGN
SHEET 3					SUB-TOTALS:	43	2	235.37	66.25	36	43	
PROJECT NO: 1185-02-61			HWY: USH 2		COUNTY: IRON		MISCELLANEOUS QUANTITIES					SHEET:
FILE NAME : N:\PDS\PROJECT ID\1185-02-31,61,USH2\Quantities\11850231_mq.ppt			PLOT DATE : JANUARY 19, 2016		PLOT BY : CHAD BLUMENSCHN		PLOT NAME : _____		PLOT SCALE : 1:1			

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PERMANENT SIGNING														
SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE	SIGN MESSAGE	634.0616	634.0618	637.2210	637.2230	638.2602	638.3000	MOUNT ON SAME POST AS SIGN #	DESCRIPTION	
						WOOD POSTS 16' 4X6 INCH (EACH)	WOOD POSTS 18' 4X6 INCH (EACH)				REMOVING SMALL SIGN SUPPORTS (EACH)			
88	454+91	RT	D1-1	72X24	MOVED TO OWN POSTS: IRON CO FAIRGROUND [RA]	2	-	12.00	-	1	-		DESTINATION SIGN	
89	454+91	RT	DB5-69G	-	REMOVE: [LA] CAMPING	-	-	-	-	1	-		CAMPING SIGN	
90	454+91	LT	D2-2	72X24	ASHLAND 26, SUPERIOR 83	2	-	12.00	-	1	2		DESTINATION SIGN	
91	456+49	RT	D1-3	66X36	[UA] IRONWOOD, UPSON/SAXON [RA]	2	-	16.50	-	1	2		DESTINATION SIGN	
92	458+08	LT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1		WARNING SIGN	
93	458+25	LT	R2-1	24X30	SPEED LIMIT 55	1	-	5.00	-	1	-		REGULATORY SIGN	
94	459+14	RT	D7-68L	72X36	LAKE SUPERIOR COUNTY PARK [LA]	2	-	18.00	-	1	2		DESTINATION SIGN	
95	459+14	RT	DB5-69G	48X9	CAMPING	-	-	3.00	-	1	-	91	DESTINATION SIGN	
96	463+10	LT	J4-1	24X36	WEST 2	1	-	6.00	-	1	1		JUNCTION ASSEMBLY	
			M3-4	24X12									CARDINAL DIRECTION MARKER	
			M1-4	24X24									USH ROUTE MARKER SIGN	
97	463+10	LT	J4-1	24X36	WEST LAKE SUPERIOR CIRCLE TOUR	-	-	6.00	-	1	1	93	JUNCTION ASSEMBLY	
			M3-4	24X12									CARDINAL DIRECTION MARKER	
			M1-91	24X24									MARKER SIGN	
98	463+10	LT	I55-56	30X36	ADOPT A HIGHWAY: CHRIS ROBY FAMILY	1	-	7.50	-	1	1		INFORMATION SIGN	
99	463+36	RT	J3-2	48X57	NORTH 122 [LA] SOUTH 122 [RA]	-	1	19.00		1	1		JUNCTION ASSEMBLY	
			M3-1	24X12									CARDINAL DIRECTION MARKER	
			M1-6	24X24									STH ROUTE MARKER SIGN	
			M6-1	21X21									MARKER SIGN	
			M3-3	24X12									CARDINAL DIRECTION MARKER	
			M1-6	24X24									STH ROUTE MARKER SIGN	
			M6-1	21X21									MARKER SIGN	
100	463+80	LT	J3-2	48X57	EAST LAKE SUPERIOR CIRCLE TOUR [LA] WEST LAKE SUPERIOR CIRCLE TOUR [RA]	-	1	19.00	-	1	1		JUNCTION ASSEMBLY	
			M3-2	24X12									CARDINAL DIRECTION MARKER	
			M1-91	24X24									MARKER SIGN	
			M6-1	21X21									MARKER SIGN	
			M3-4	24X12									CARDINAL DIRECTION MARKER	
			M1-91	24X24									MARKER SIGN	
			M6-1	21X21									MARKER SIGN	
101	463+82	LT	J3-3	72X57	EAST 2 [LA] SOUTH 122 [UA] WEST 2 [RA]	-	2	28.50	-	1	2		JUNCTION ASSEMBLY	
			M3-2	24X12									CARDINAL DIRECTION MARKER	
			M1-4	24X24									USH ROUTE MARKER SIGN	
			M6-1	21X21									MARKER SIGN	
			M3-3	24X12									CARDINAL DIRECTION MARKER	
			M1-6	24X24									STH ROUTE MARKER SIGN	
			M6-1	21X21									MARKER SIGN	
			M3-4	24X12									CARDINAL DIRECTION MARKER	
			M1-4	24X24									USH ROUTE MARKER SIGN	
			M6-1	21X21								MARKER SIGN		
102	463+89	LT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1		REGULATORY SIGN	
103	464+35	RT	R1-1	30X30	STOP SIGN	1	-	5.18	-	1	1		REGULATORY SIGN	
SHEET 4						SUB-TOTALS:		14	4	162.86	6.00	16	16	
PROJECT NO: 1185-02-61				HWY: USH 2		COUNTY: IRON		MISCELLANEOUS QUANTITIES					SHEET:	

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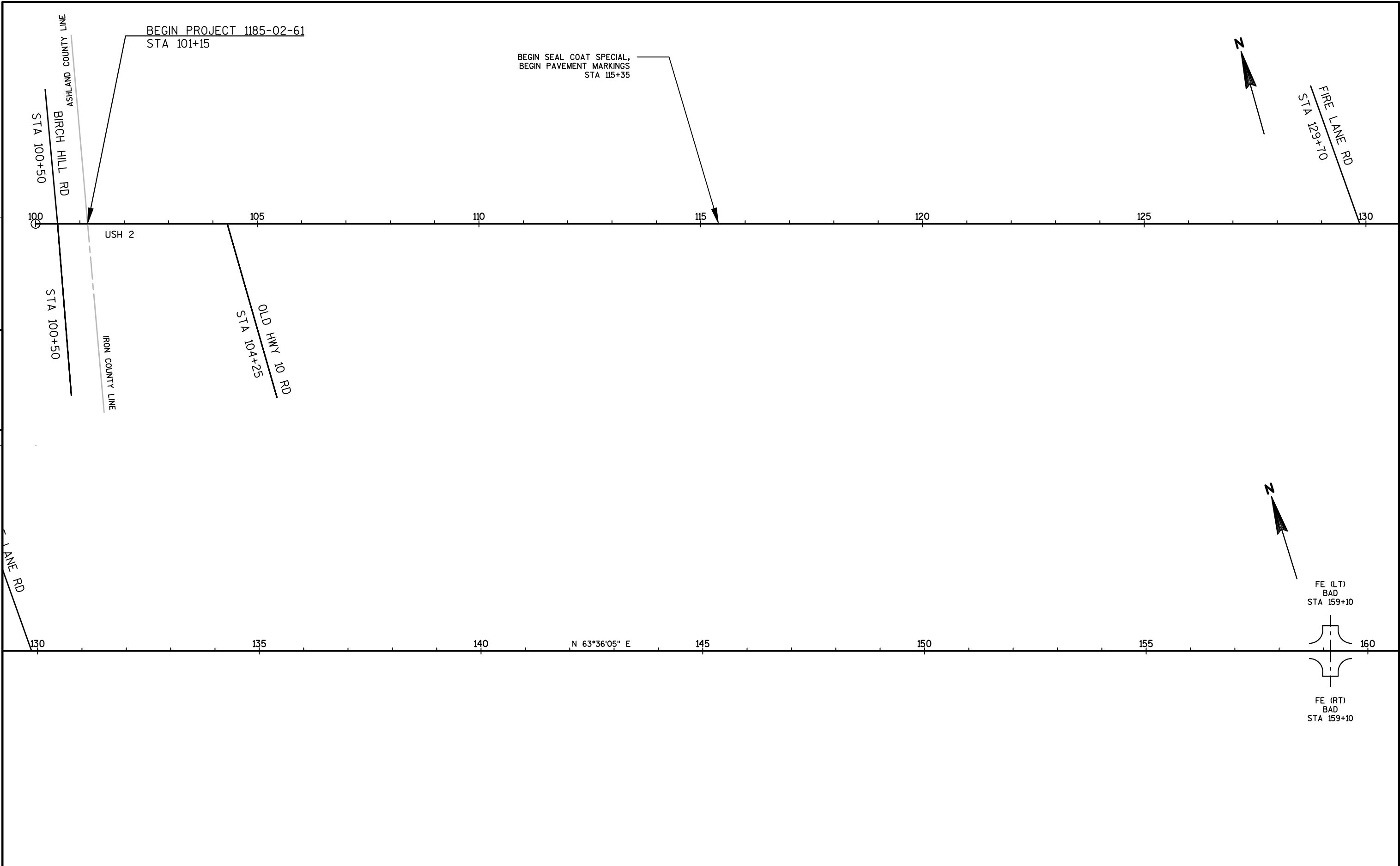
PERMANENT SIGNING					634.0616 WOOD POSTS 16' 4X6 INCH (EACH)	634.0618 WOOD POSTS 18' 4X6 INCH (EACH)	637.2210 SIGNS TYPE II REFLECTIVE H (SF)	637.2230 SIGNS TYPE II REFLECTIVE F (SF)	638.2602 REMOVING SIGNS TYPE II (EACH)	638.3000 REMOVING SMALL SIGN SUPPORTS (EACH)	MOUNT ON SAME POST AS SIGN #	DESCRIPTION			
SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE	SIGN MESSAGE										
104	464+45	RT	J3-3	72X57			-	2	28.50	-	1	2	JUNCTION ASSEMBLY		
			M3-4	24X12	WEST								CARDINAL DIRECTION MARKER		
			M1-4	24X24	2								USH ROUTE MARKER SIGN		
			M6-1	21X21	[LA]								MARKER SIGN		
			M3-3	24X12	SOUTH								CARDINAL DIRECTION MARKER		
			M1-6	24X24	122								STH ROUTE MARKER SIGN		
			M6-1	21X21	[UA]								MARKER SIGN		
			M3-2	24X12	WEST								CARDINAL DIRECTION MARKER		
			M1-4	24X24	2								USH ROUTE MARKER SIGN		
			M6-1	21X21	[RA]							MARKER SIGN			
105	464+47	RT	J3-2	48X57			-	1	19.00	-	1	1	JUNCTION ASSEMBLY		
			M3-4	24X12	WEST								CARDINAL DIRECTION MARKER		
			M1-91	24X24	LAKE SUPERIOR CIRCLE TOUR								MARKER SIGN		
			M6-1	21X21	[LA]								MARKER SIGN		
			M3-2	24X12	EAST								CARDINAL DIRECTION MARKER		
			M1-91	24X24	LAKE SUPERIOR CIRCLE TOUR								MARKER SIGN		
			M6-1	21X21	[RA]							MARKER SIGN			
106	464+68	LT	J13-1	24X45			1	-	7.50	-	1	1	JUNCTION ASSEMBLY		
			M1-91	24X24	LAKE SUPERIOR CIRCLE TOUR								MARKER SIGN		
			M6-1	21X21	[RA]								MARKER SIGN		
107	464+68	LT	J3-2	48X57	LA SOUTH STH 122, RA NORTH USH 122		-	1	20.00	-	1	1	JUNCTION ASSEMBLY		
			M3-3	24X12	SOUTH								CARDINAL DIRECTION MARKER		
			M1-6	24X24	122								STH ROUTE MARKER SIGN		
			M6-1	21X21	[LA]								MARKER SIGN		
			M3-1	24X12	NORTH								CARDINAL DIRECTION MARKER		
			M1-6	24X24	122								STH ROUTE MARKER SIGN		
			M6-1	21X21	[RA]							MARKER SIGN			
108	464+95	RT	J4-1	24X36			1	-	6.00	-	1	1	JUNCTION ASSEMBLY		
			M3-2	24X12	EAST								CARDINAL DIRECTION MARKER		
			M1-4	24X24	2								USH ROUTE MARKER SIGN		
109	464+95	RT	J4-1	24X36			-	-	6.00	-	1	1	105	JUNCTION ASSEMBLY	
			M3-2	24X12	EAST								CARDINAL DIRECTION MARKER		
			M1-91	24X24	LAKE SUPERIOR CIRCLE TOUR								MARKER SIGN		
110	467+59	RT	D2-2	72X24	HURLEY 12, IRONWOOD 12		2	-	12.00	-	1	2		DESTINATION SIGN	
111	469+43	LT	D7-68R	72X36	LAKE SUPERIOR COUNTY PARK RA		2	-	18.00	-	1	2		DESTINATION SIGN	
112	469+43	LT	DB5-69G	48X9	CAMPING		-	-	3.00	-	1	-	108	DESTINATION SIGN	
113	470+23	RT	R2-1	24X30	SPEED LIMIT 55		1	-	5.00	-	1	1		REGULATORY SIGN	
114	472+60	LT	J1-1	24X39			1	-	6.50	-	1	1		JUNCTION ASSEMBLY	
			M2-1	21X15	JCT								MARKER SIGN		
			M1-91	24X24	LAKE SUPERIOR CIRCLE TOUR								MARKER SIGN		
115	474+45	LT	D1-3	60X36	[UA] ASHLAND, [LA] UPSON/SAXON		2	-	15.00	-	1	2		DESTINATION SIGN	
116	476+45	LT	D1-1	72X24	MOVED TO OWN POSTS: IRON CO FAIRGROUNDS		2	-	12.00	-	1	-		DESTINATION SIGN	
117	479+70	LT	J2-3	72X57			-	2	28.50	-	1	2		JUNCTION ASSEMBLY	
			M3-3	24X12	SOUTH								CARDINAL DIRECTION MARKER		
			M1-6	24X24	122								STH ROUTE MARKER SIGN		
			M5-1L	21X21	[ULA]								MARKER SIGN		
			M3-4	24X12	WEST								CARDINAL DIRECTION MARKER		
			M1-4	24X24	2								USH ROUTE MARKER SIGN		
			M6-1	21X21	[UA]								MARKER SIGN		
			M3-1	24X12	NORTH								CARDINAL DIRECTION MARKER		
			M1-6	24X24	122								STH ROUTE MARKER SIGN		
			M5-1R	21X21	[URA]								MARKER SIGN		
SHEET 5					SUB-TOTALS:		12	6	187.00	0.00	14	17			
PROJECT NO: 1185-02-61				HWY: USH 2		COUNTY: IRON			MISCELLANEOUS QUANTITIES				SHEET:		E

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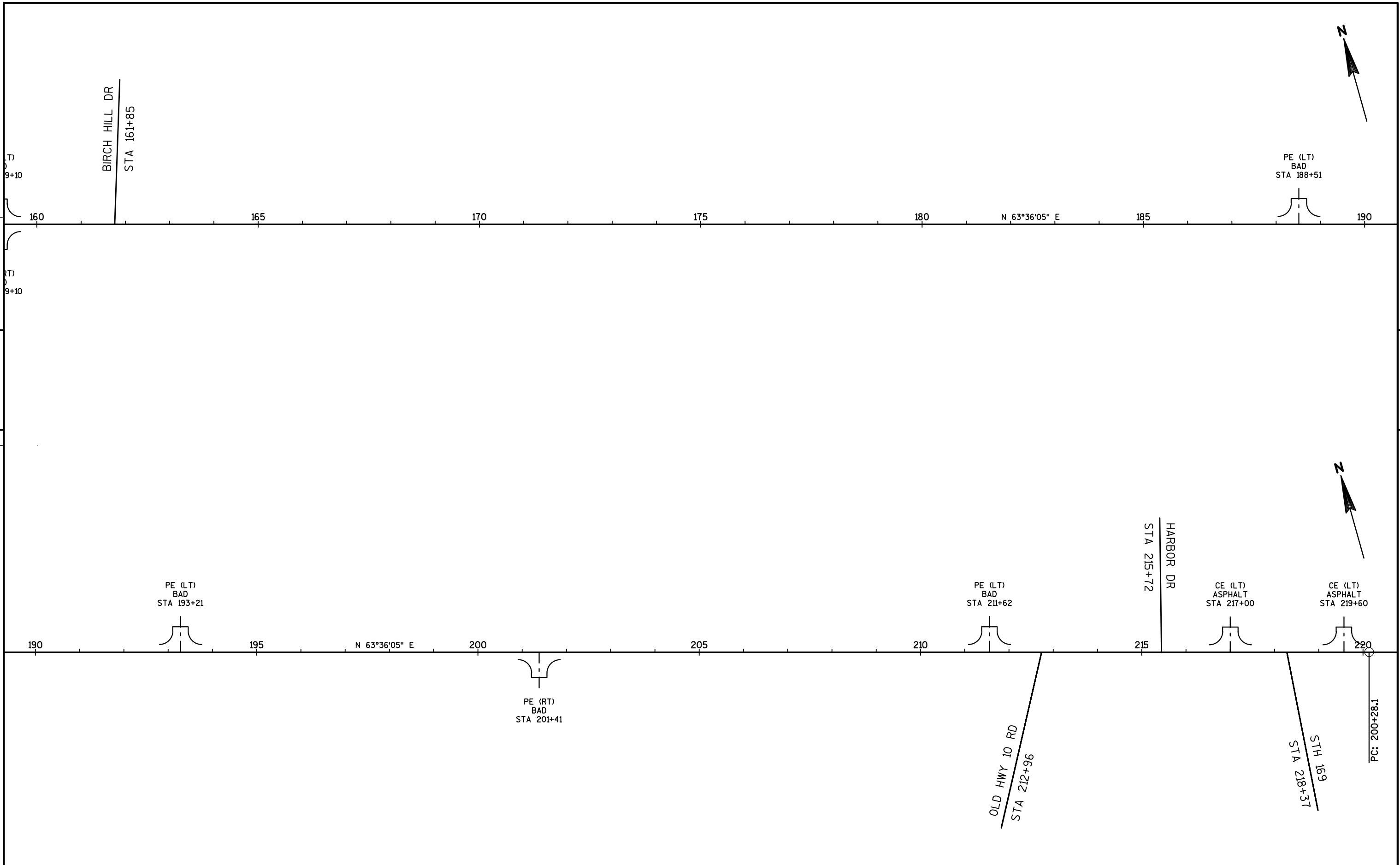
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PERMANENT SIGNING														
SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE	SIGN MESSAGE	634.0616	634.0618	637.2210	637.2230	638.2602	638.3000	MOUNT ON SAME POST AS SIGN #	DESCRIPTION	
						WOOD POSTS 16' 4X6 INCH (EACH)	WOOD POSTS 18' 4X6 INCH (EACH)	SIGNS TYPE II REFLECTIVE H (SF)	SIGNS TYPE II REFLECTIVE F (SF)	REMOVING SIGNS TYPE II (EACH)	REMOVING SMALL SIGN SUPPORTS (EACH)			
118	484+98	LT	J1-1 M2-1 M1-6	24X39 21X15 24X24	JCT STH 122 JCT 122	1	-	6.50	-	1	1		JUNCTION ASSEMBLY MARKER SIGN STH ROUTE MARKER SIGN	
119	486+60	RT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1		WARNING SIGN	
120	486+60	LT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1		WARNING SIGN	
121	513+90	RT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1		WARNING SIGN	
122	515+50	LT	W14-3	48X36	NO PASSING ZONE	1	-	-	6.00	1	1		WARNING SIGN	
123	516+85	LT	D7-68	72X42	ROAD TO LAKE SUPERIOR COUNTY PARK 1 MILE	2	-	21.00	-	1	2		DESTINATION SIGN	
124	528+50	RT	D5-63	60X36	HISTORICAL MARKER 1/2 MILE	2	-	15.00	-	1	2		DESTINATION SIGN	
125	529+50	RT	R3-72	30X36	ONCOMING TRAFFIC USES CENTER LANE	1	-	7.50	-	1	1		REGULATORY SIGN	
126	535+75	RT	J1-1 M2-1 M1-5A	24X39 21X15 24X24	JCT B	1	-	6.50	-	1	1		JUNCTION ASSEMBLY MARKER SIGN CTH ROUTE MARKER SIGN	
127	539+25	LT	J4-1 M3-4 M1-4	24X36 24X12 24X24	WEST 2	1	-	6.00	-	1	1		JUNCTION ASSEMBLY CARDINAL DIRECTION MARKER USH ROUTE MARKER SIGN	
128	541+00	RT	W4-2R	36X36	RIGHT LANE ENDS SYMBOL	1	-	-	9.00	1	1		WARNING SIGN	
129	541+00	LT	W4-2R	36X36	RIGHT LANE ENDS SYMBOL	1	-	-	9.00	1	1		WARNING SIGN	
130	543+00	LT	W9-1R	36X36	RIGHT LANE ENDS	1	-	-	9.00	1	1		WARNING SIGN	
131	544+98	RT	J12-1 M1-5A M6-4	24X45 24X24 21X21	B [DA]	1	-	7.50	-	1	1		JUNCTION ASSEMBLY CTH ROUTE MARKER SIGN MARKER SIGN	
SHEET 6						16	0	70	51.00	14	16			
GRAND TOTAL (SHEETS 1-6):						130	25	1034.57	177.25	124	146			
PROJECT NO: 1185-02-61				HWY: USH 2		COUNTY: IRON		MISCELLANEOUS QUANTITIES				SHEET:		

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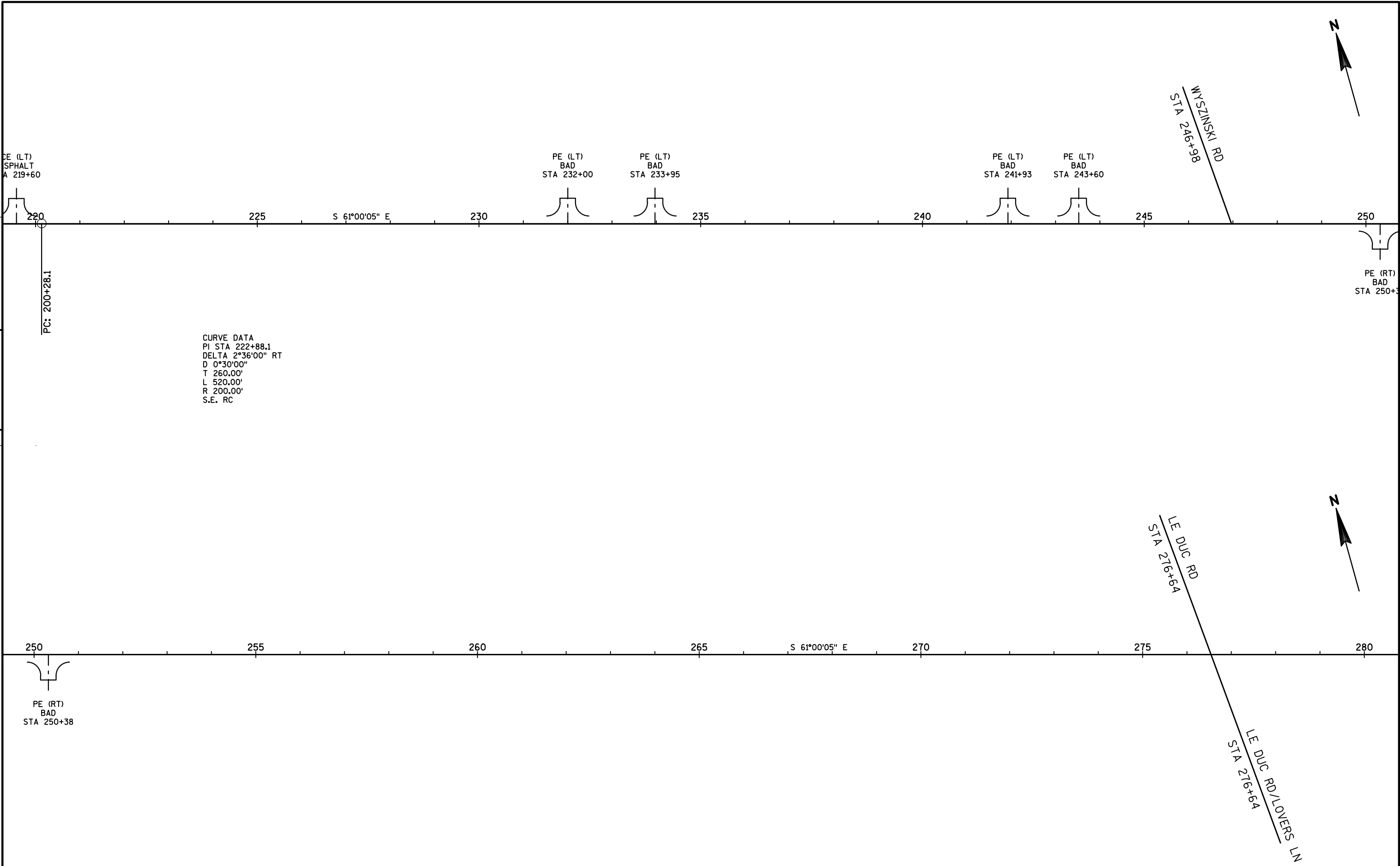


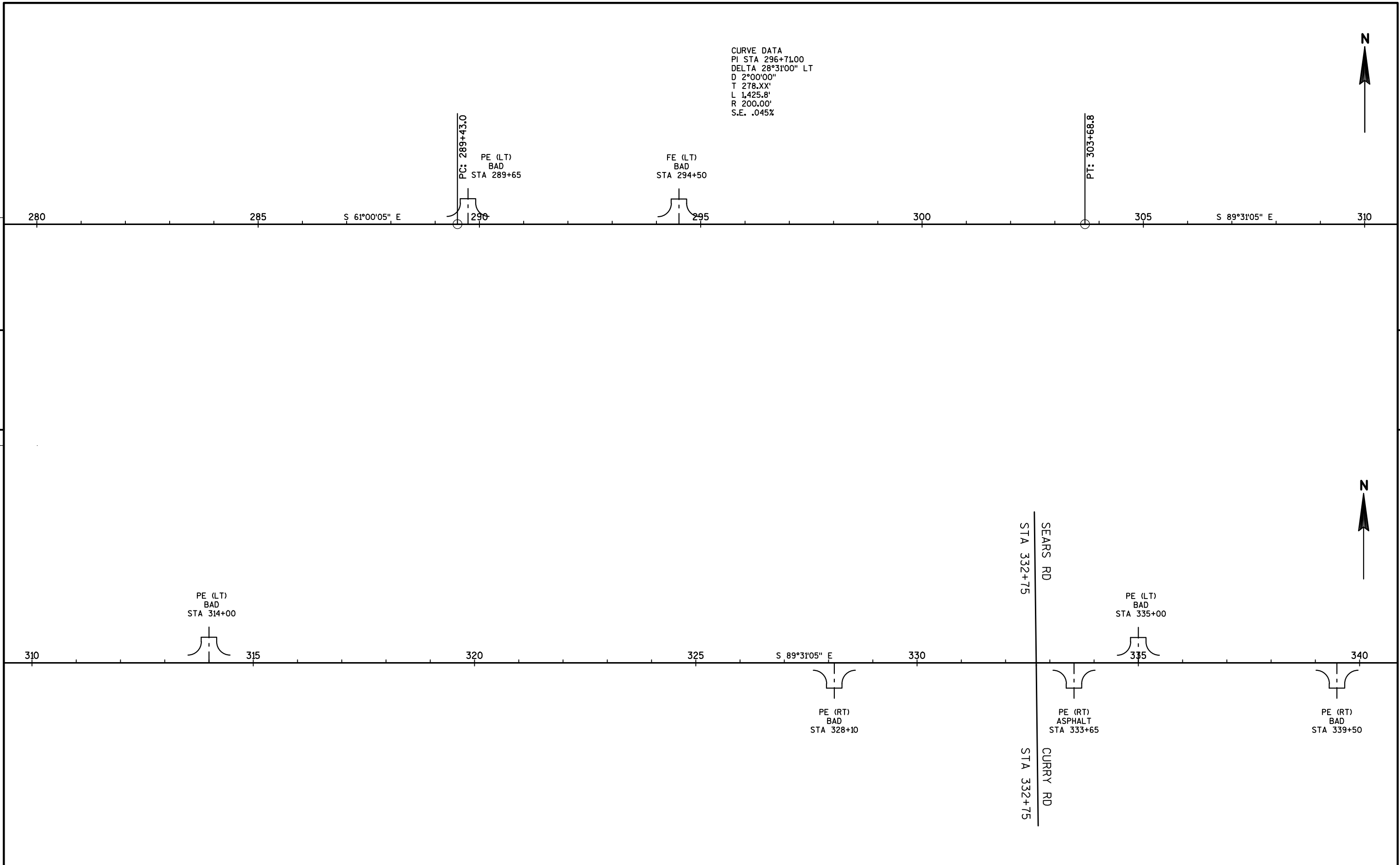
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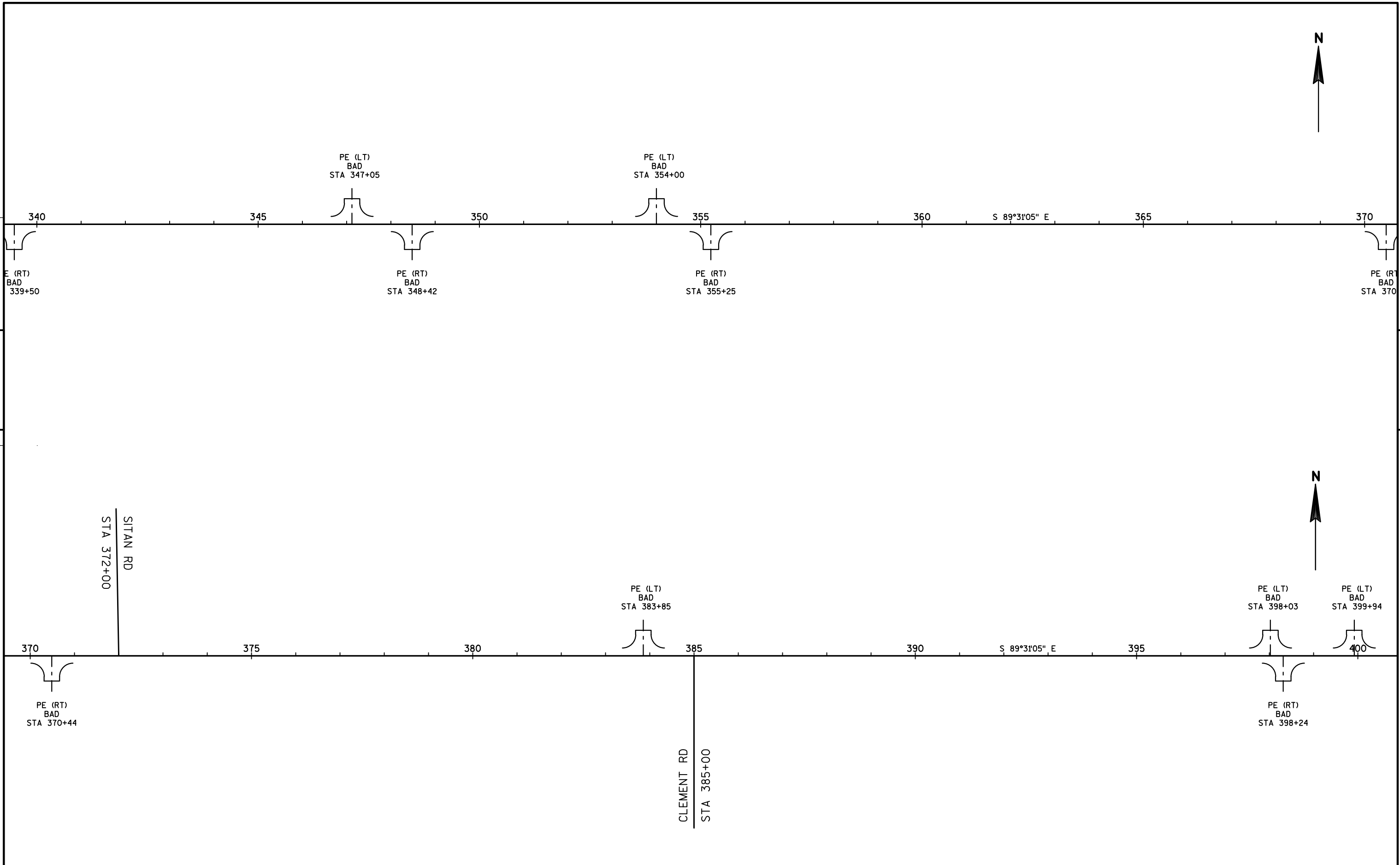
5

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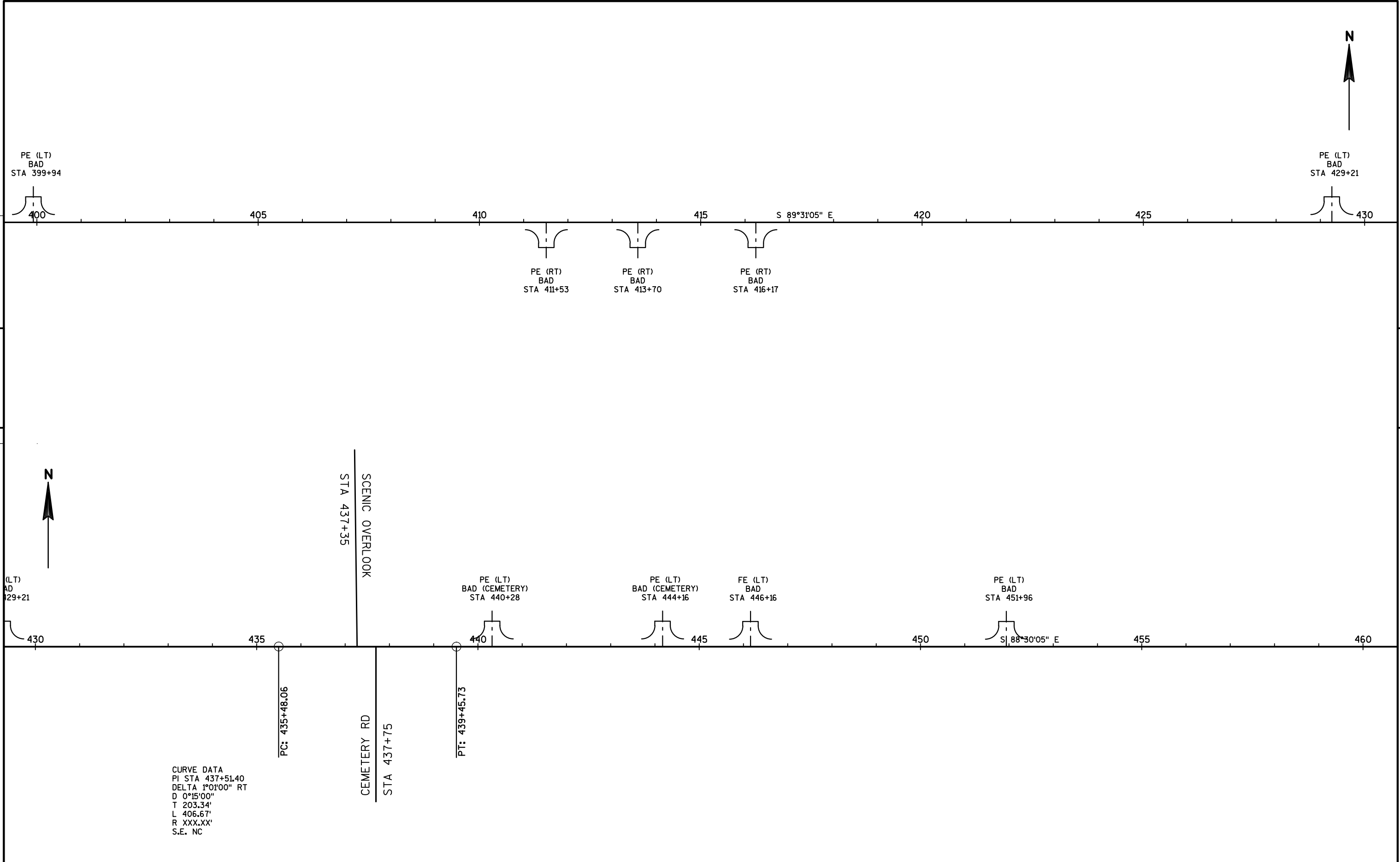




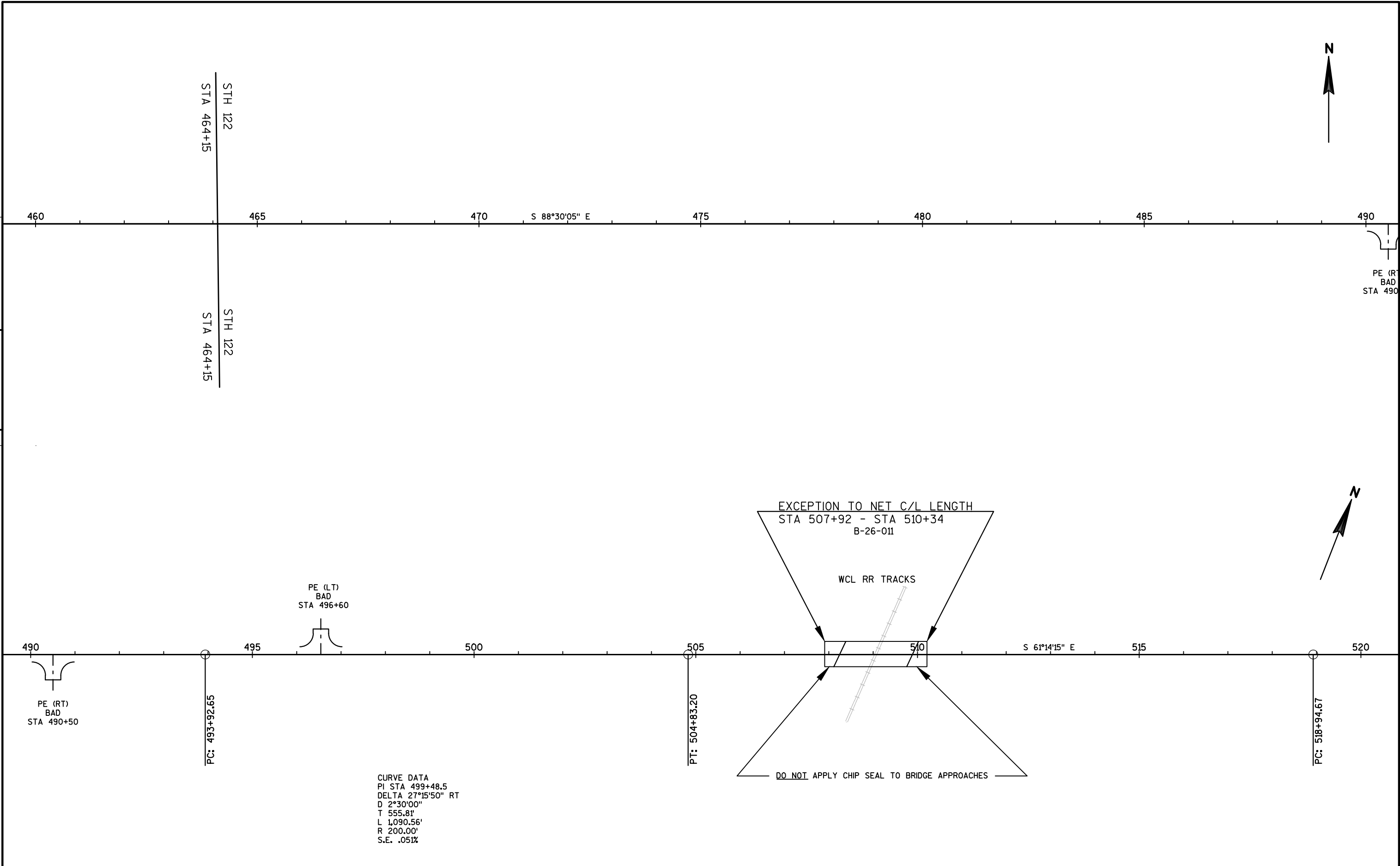
PROJECT NO:1185-02-61	HWY:USH 2	COUNTY:IRON	LINE DIAGRAM	SHEET	E
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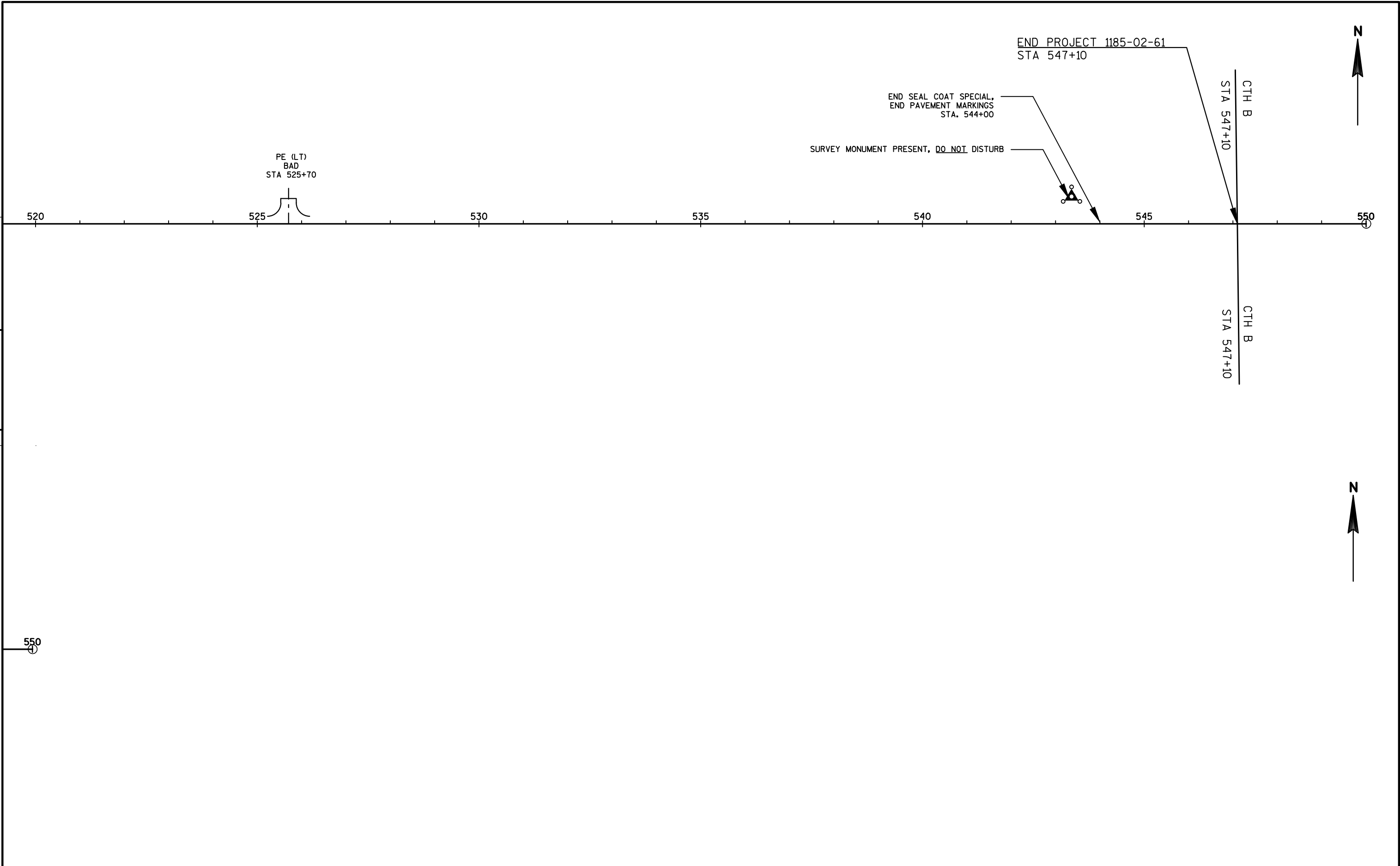


PROJECT NO:1185-02-61	HWY:USH 2	COUNTY:IRON	LINE DIAGRAM	SHEET	E
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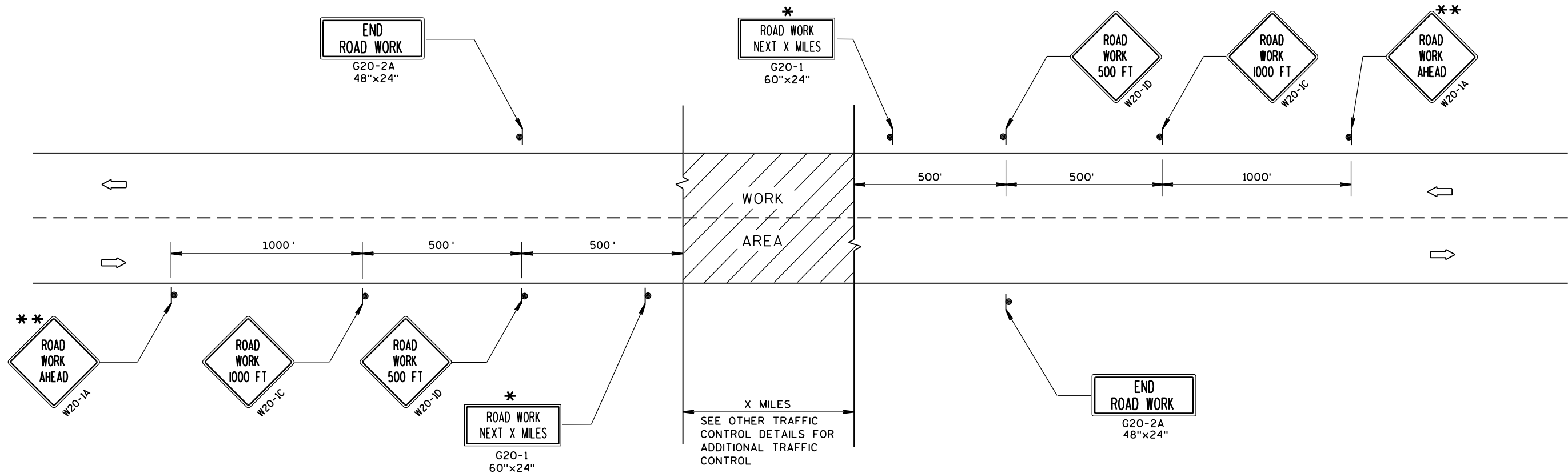
CURVE DATA
PI STA 437+51.40
DELTA 1°01'00" RT
D 0°15'00"
T 203.34'
L 406.67'
R XXX.XX'
S.E. NC





Standard Detail Drawing List

15C04-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
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)
15C19-03A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C34-01	STANDARD APPLICATION FOR TEMPORARY RAISED PAVEMENT MARKER, TYPE 2



TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

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

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

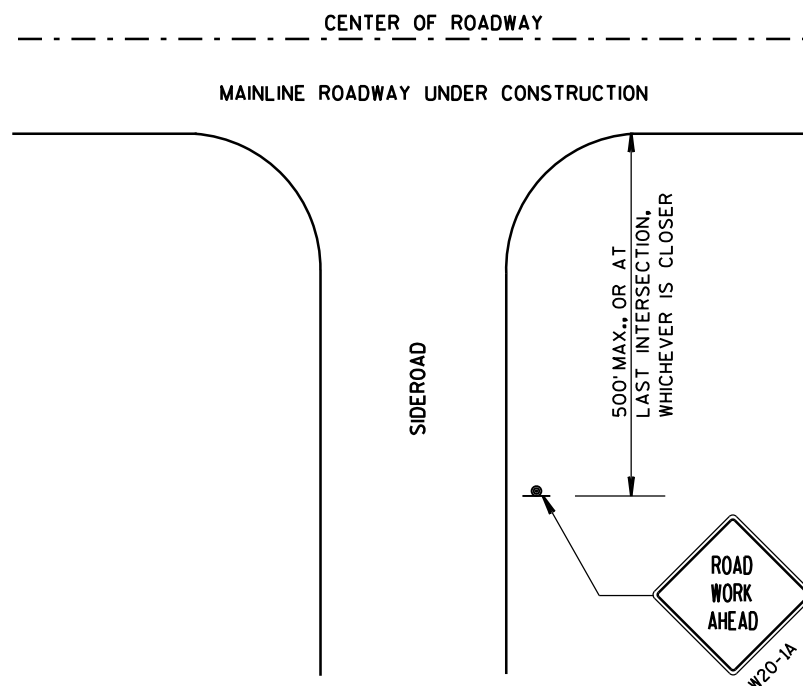
ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

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

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

** PLACE ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



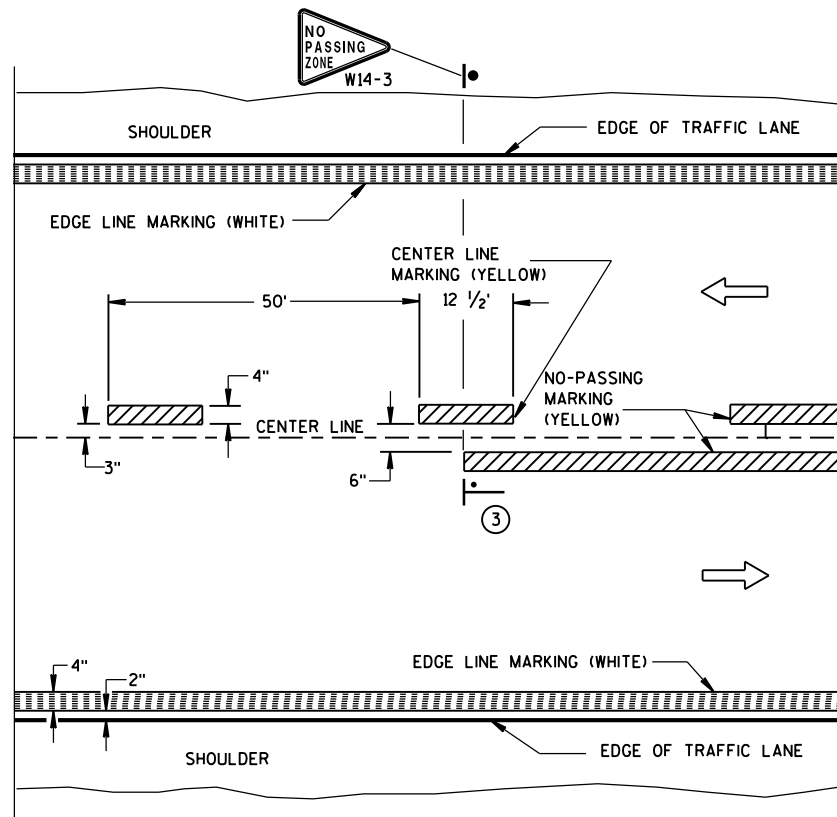
LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

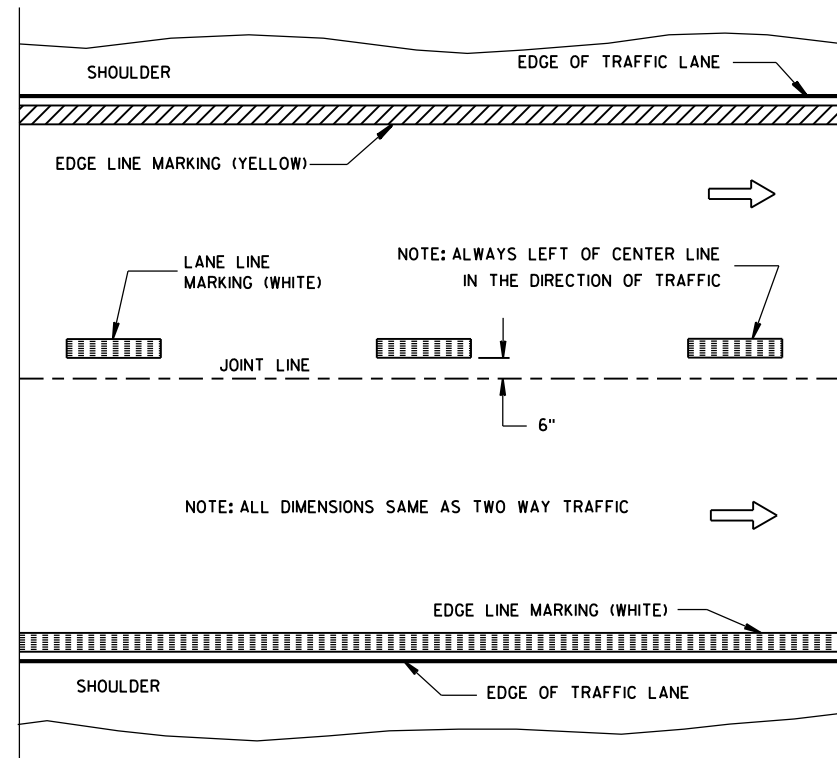
TRAFFIC CONTROL, ADVANCE
WARNING SIGNS 45 M.P.H.
OR GREATER TWO-WAY
UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED	/S/ Peter Amokobe Atepe
DATE	STATEWIDE WORK ZONE TRAFFIC
FHWA	SAFETY ENGINEER

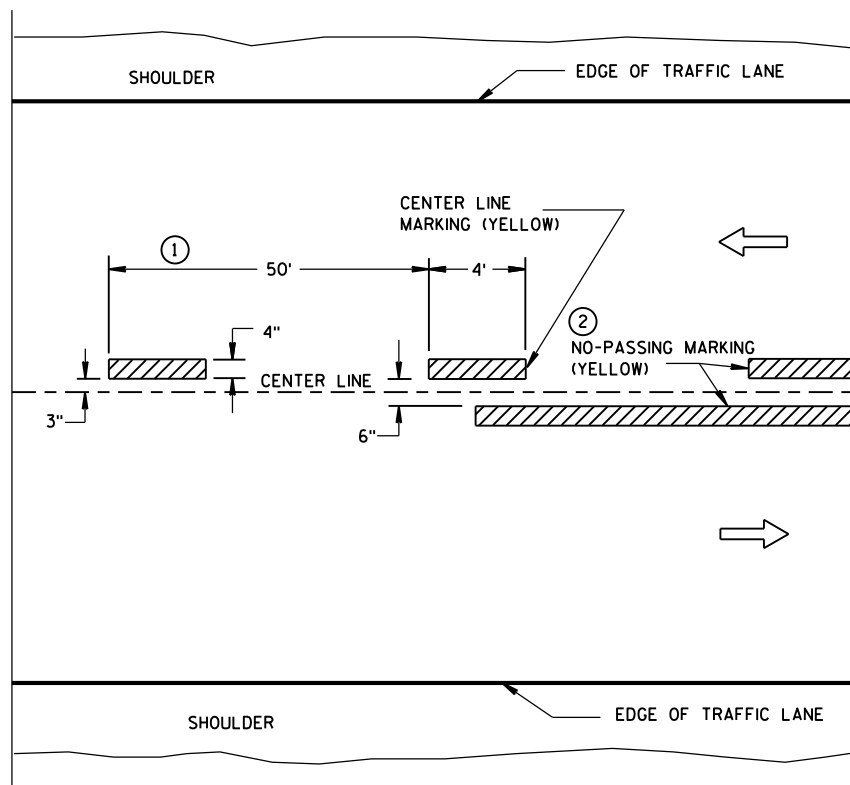


TWO WAY TRAFFIC

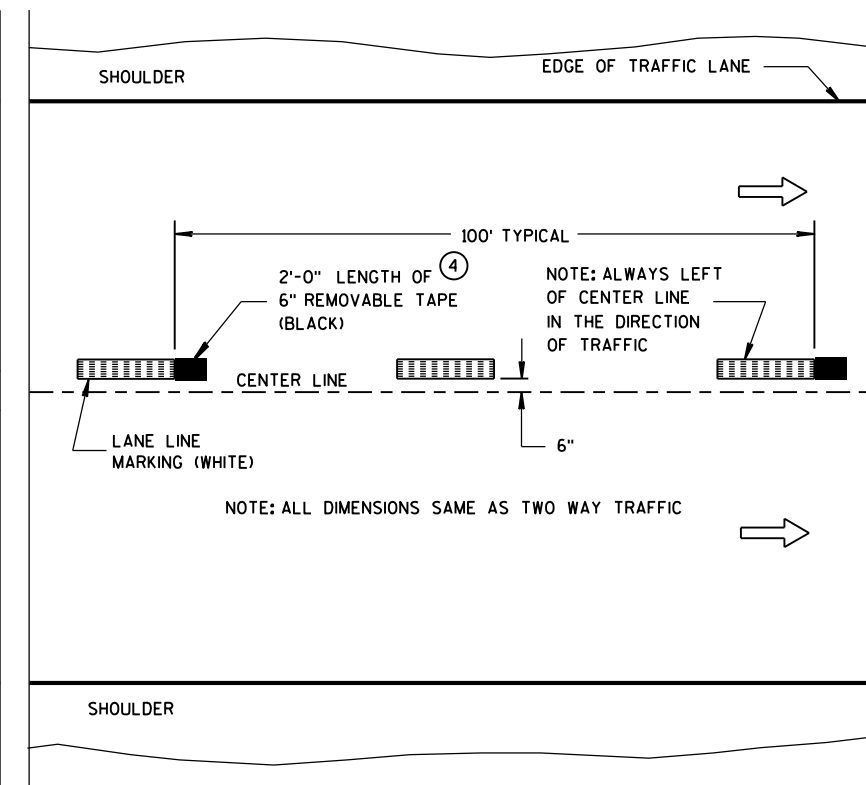


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

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

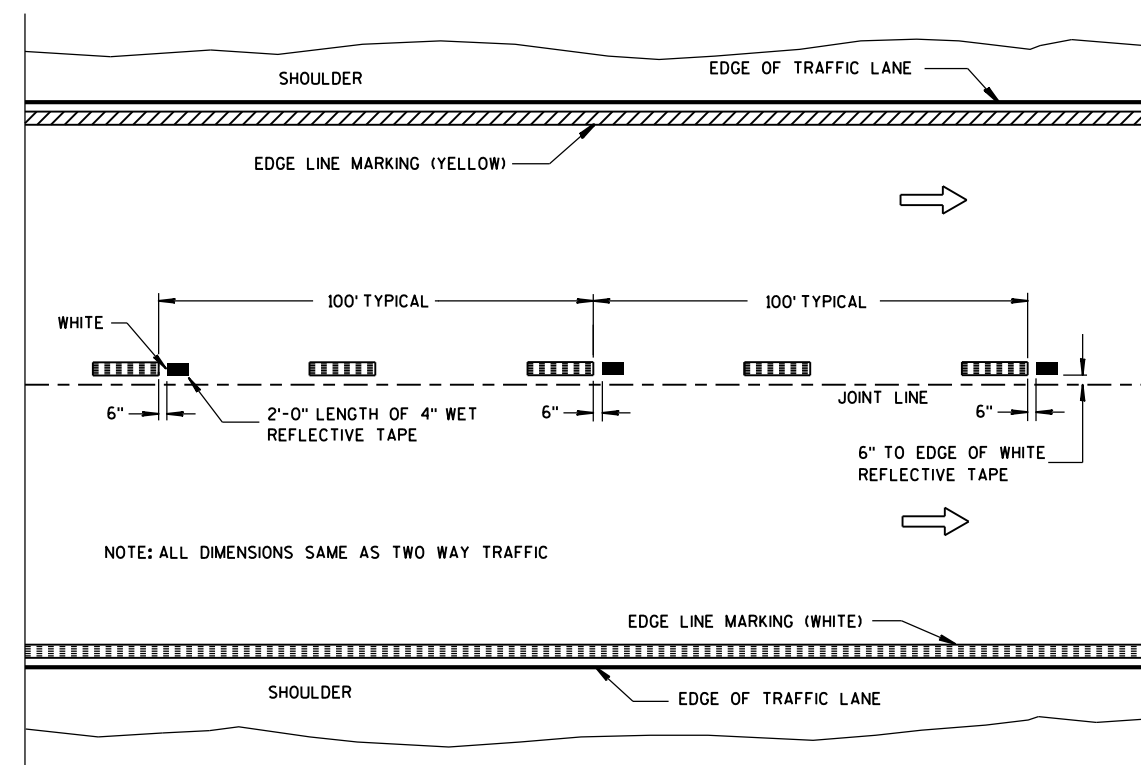
GENERAL NOTES

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

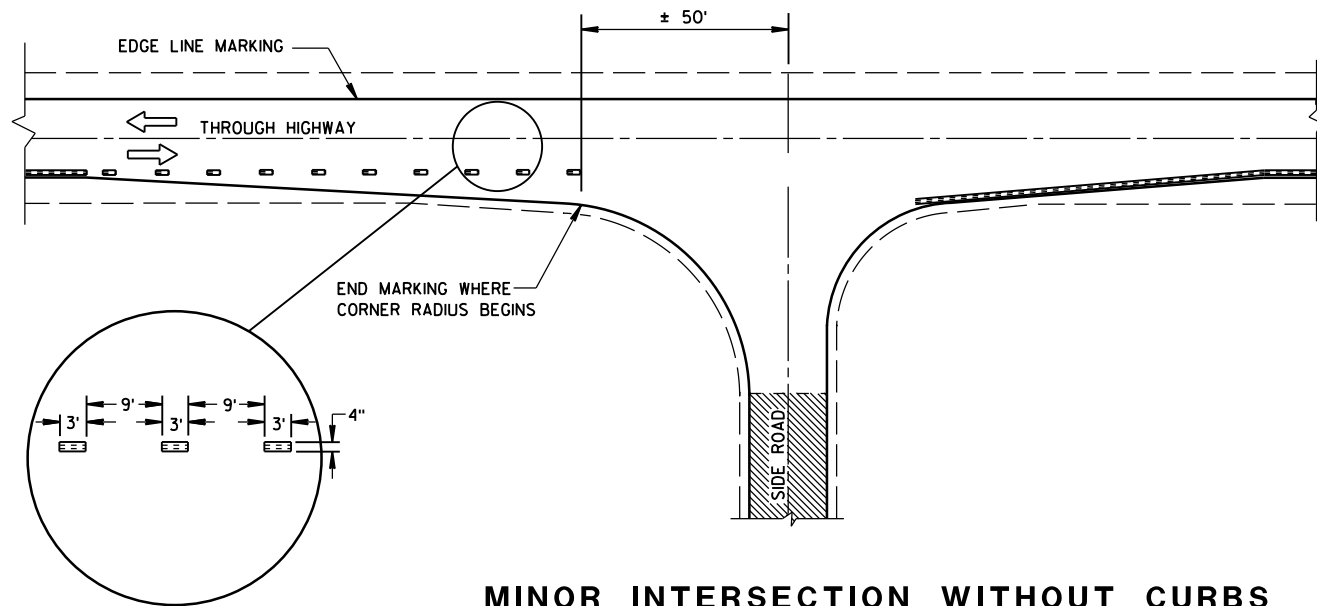
- "T" MARKING
- POST MOUNTED SIGN

PAVEMENT MARKING
(MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5-13-2013
DATE
FHWA

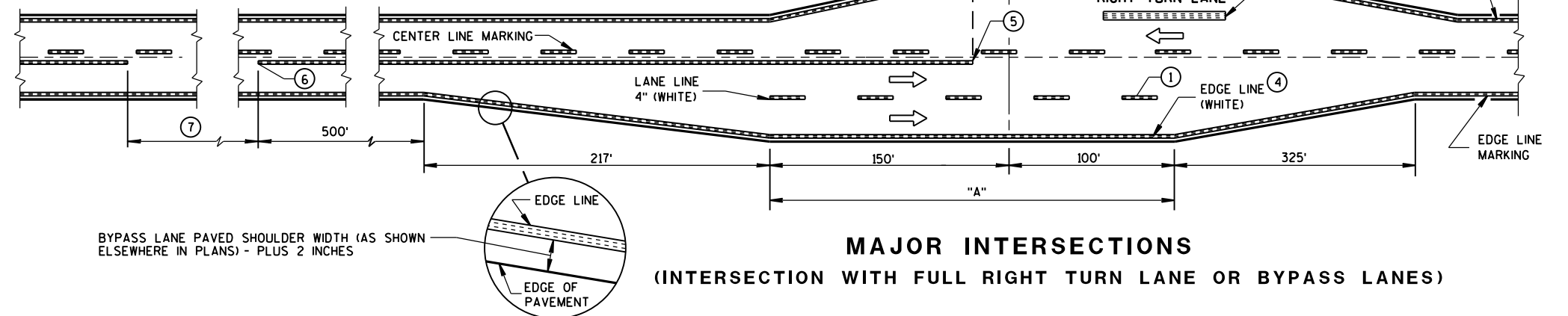
/S/ Travis Feltes
STATE TRAFFIC ENGINEER



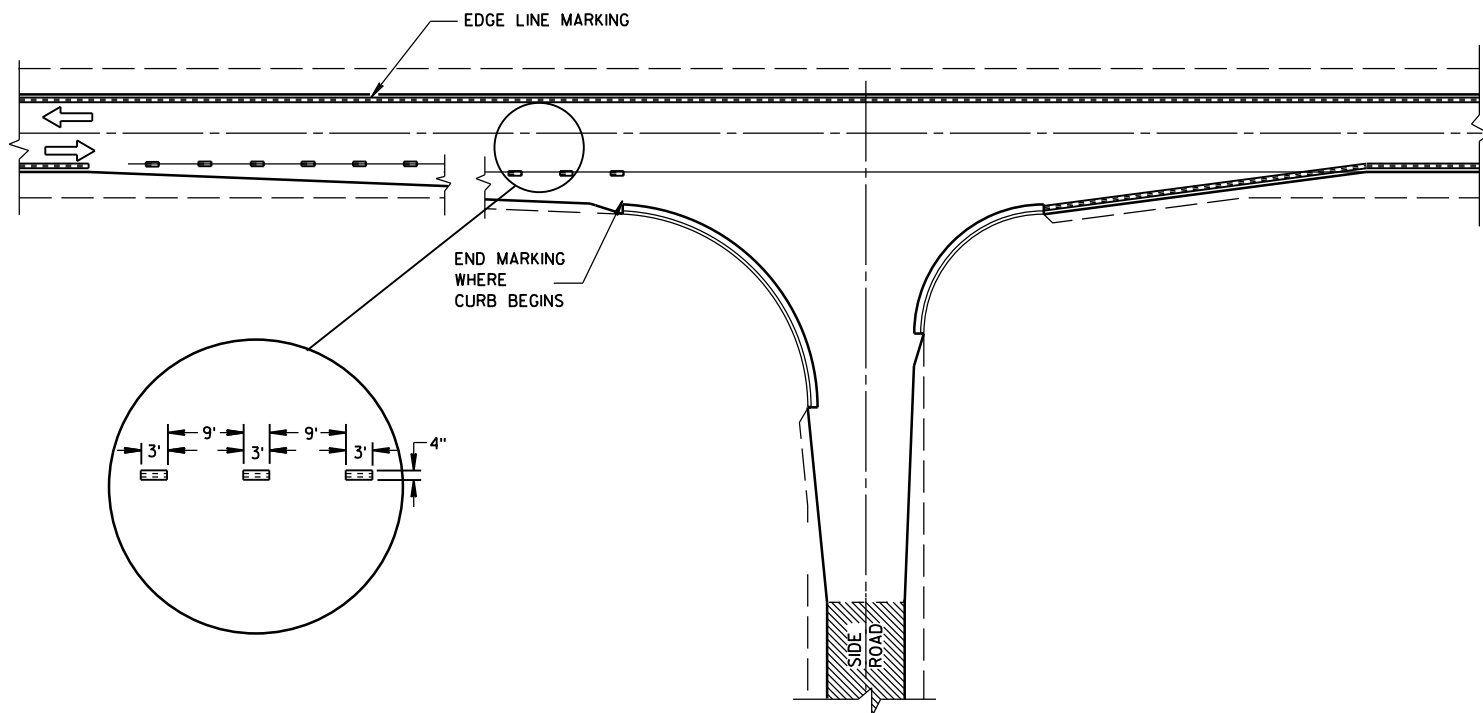
MINOR INTERSECTION WITHOUT CURBS

⑦

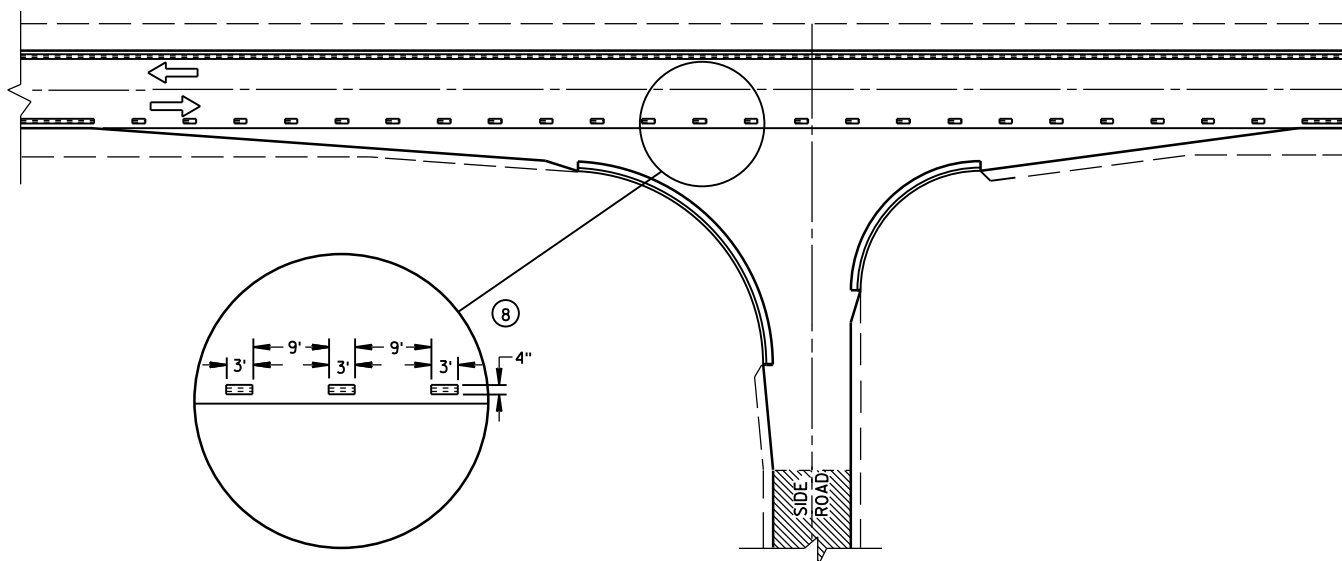
POSTED SPEED (MPH)	MINIMUM DISTANCE BETWEEN ZONES (FEET)
25 - 30	528
35 - 40	528
45 - 50	686
55	792



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



MINOR INTERSECTION WITH CURBS
(TYPICAL MARKING)



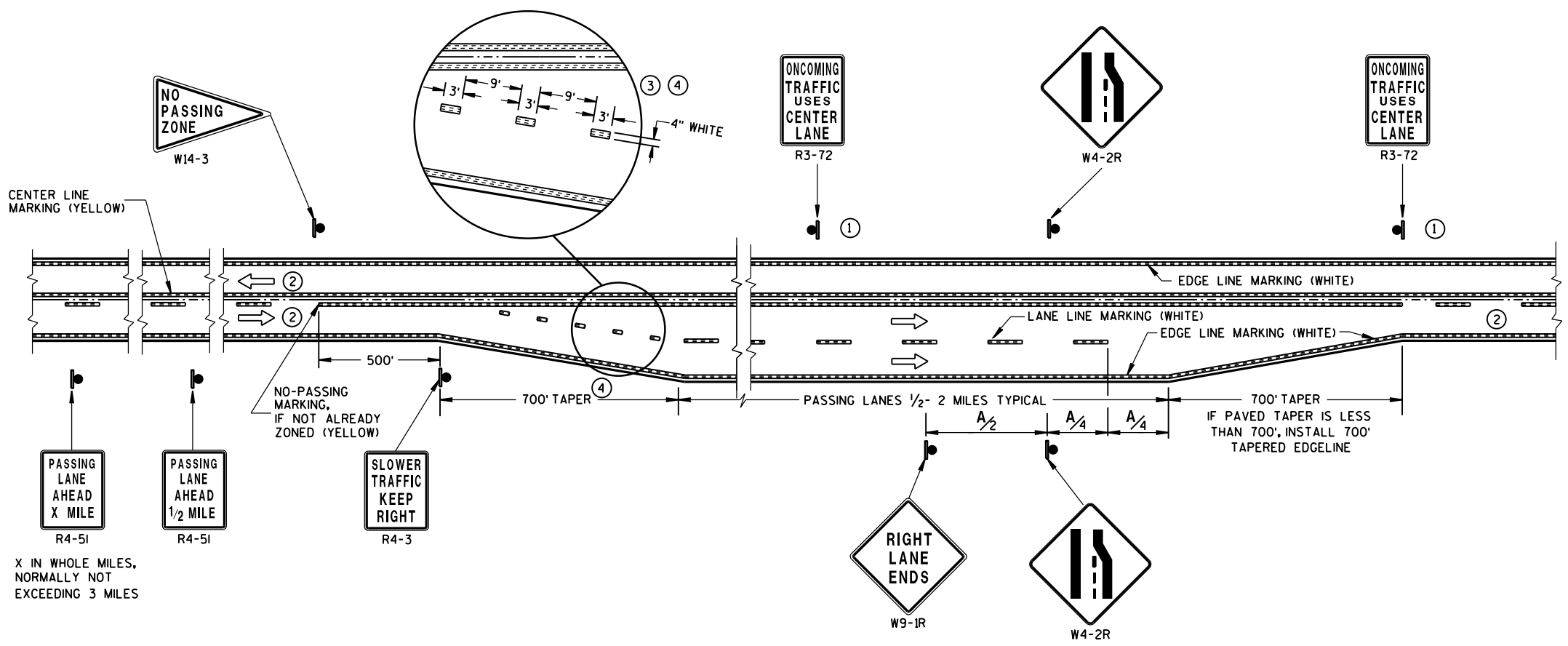
MINOR INTERSECTION WITH CURBS
③ (FOR SPECIAL CONDITIONS AS SPECIFIED)

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)**

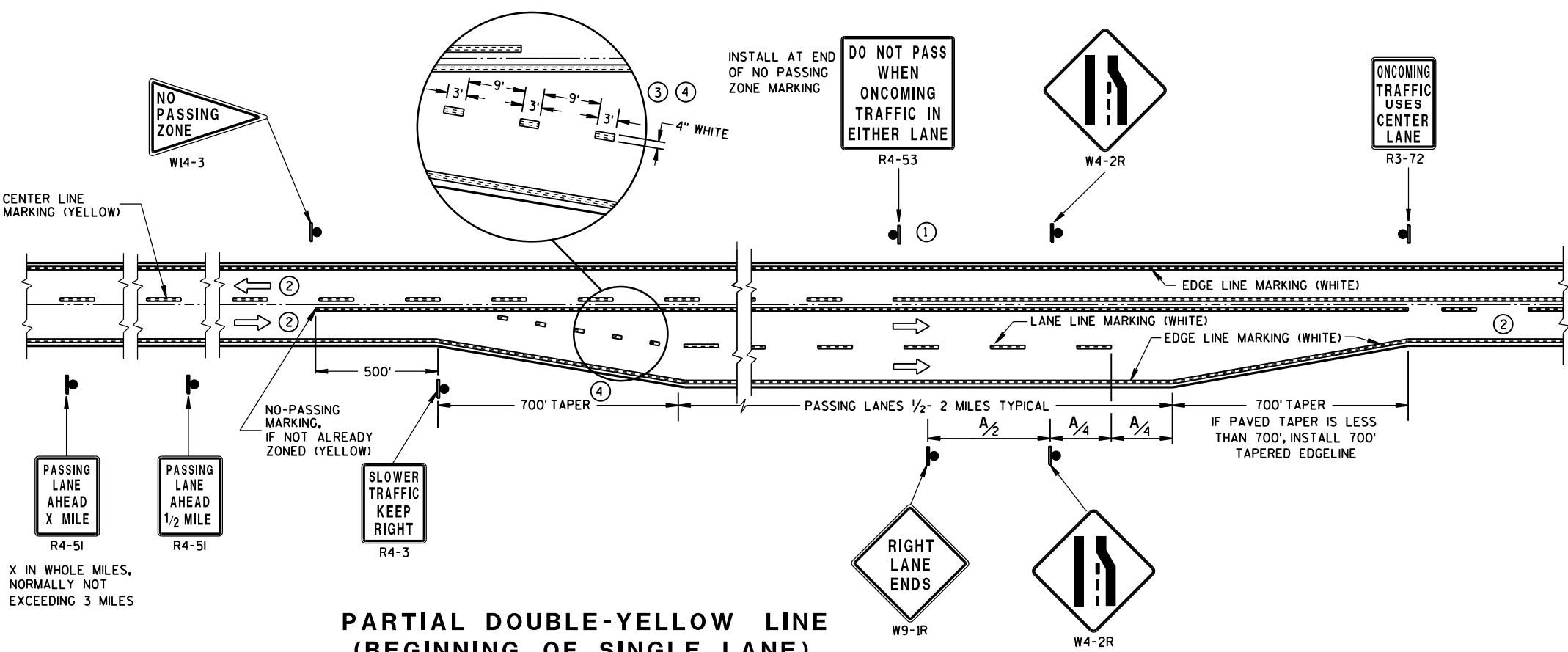
GENERAL NOTES

- 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

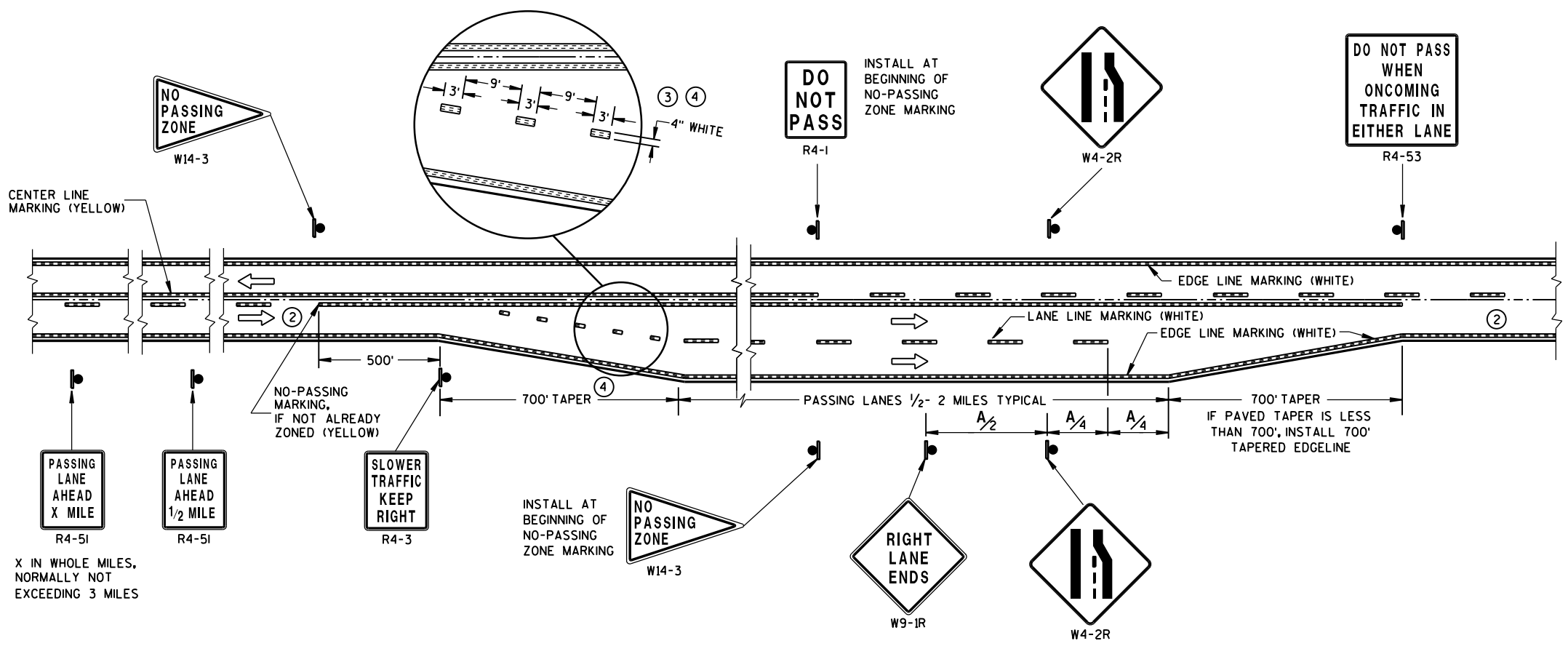
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	750
50	850
55	950



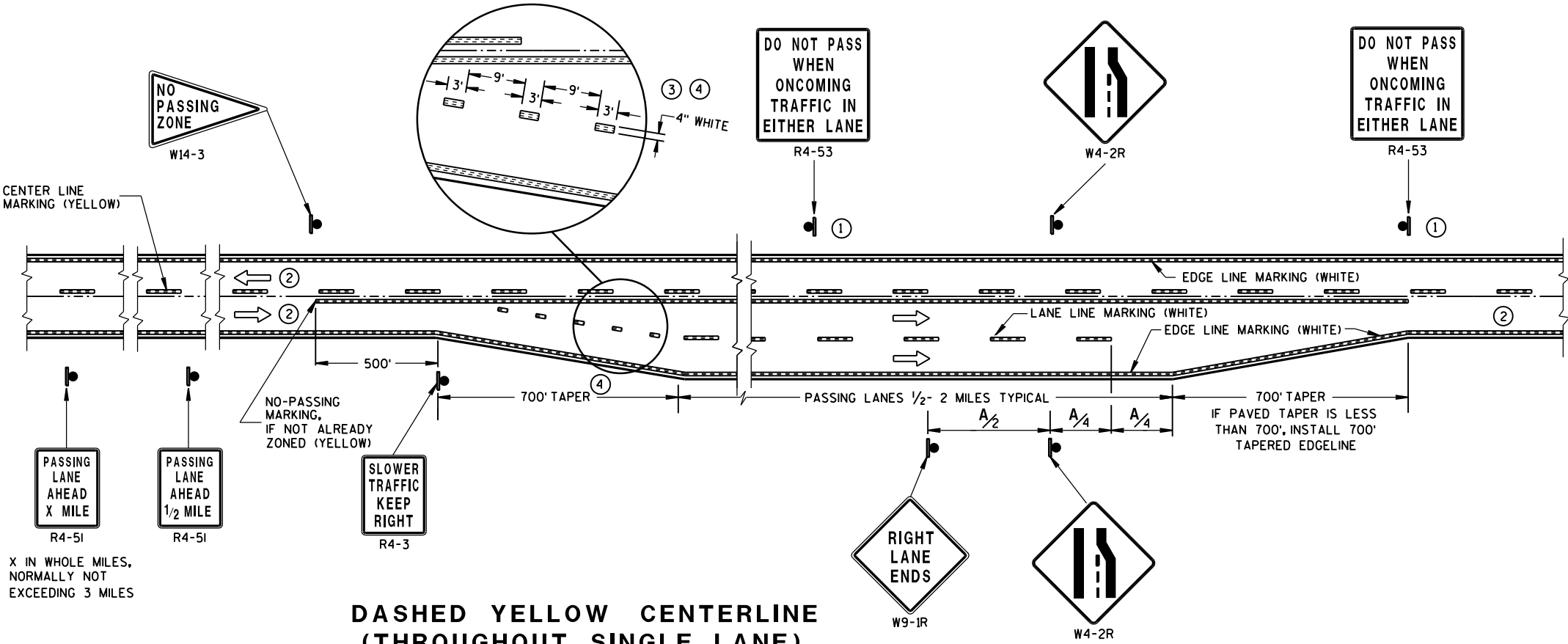
**PARTIAL DOUBLE-YELLOW LINE
(BEGINNING OF SINGLE LANE)**

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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



**DASHED YELLOW CENTERLINE
(THROUGHOUT 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

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

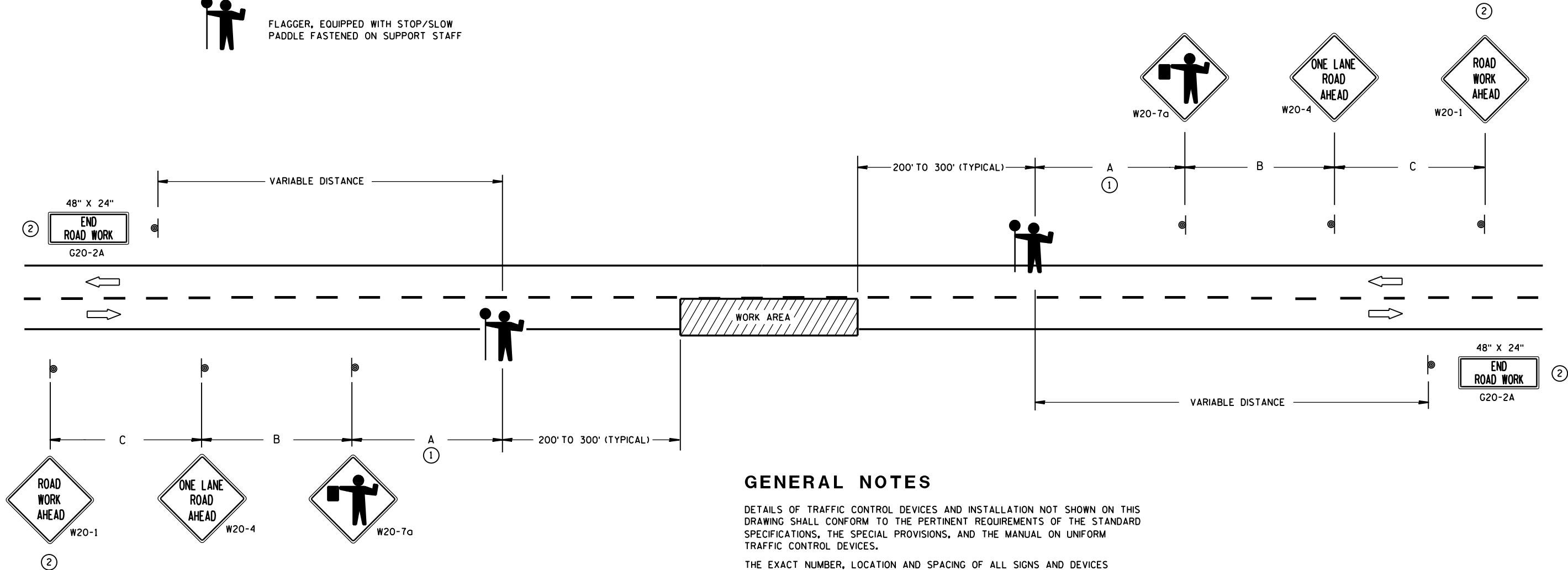
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

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.

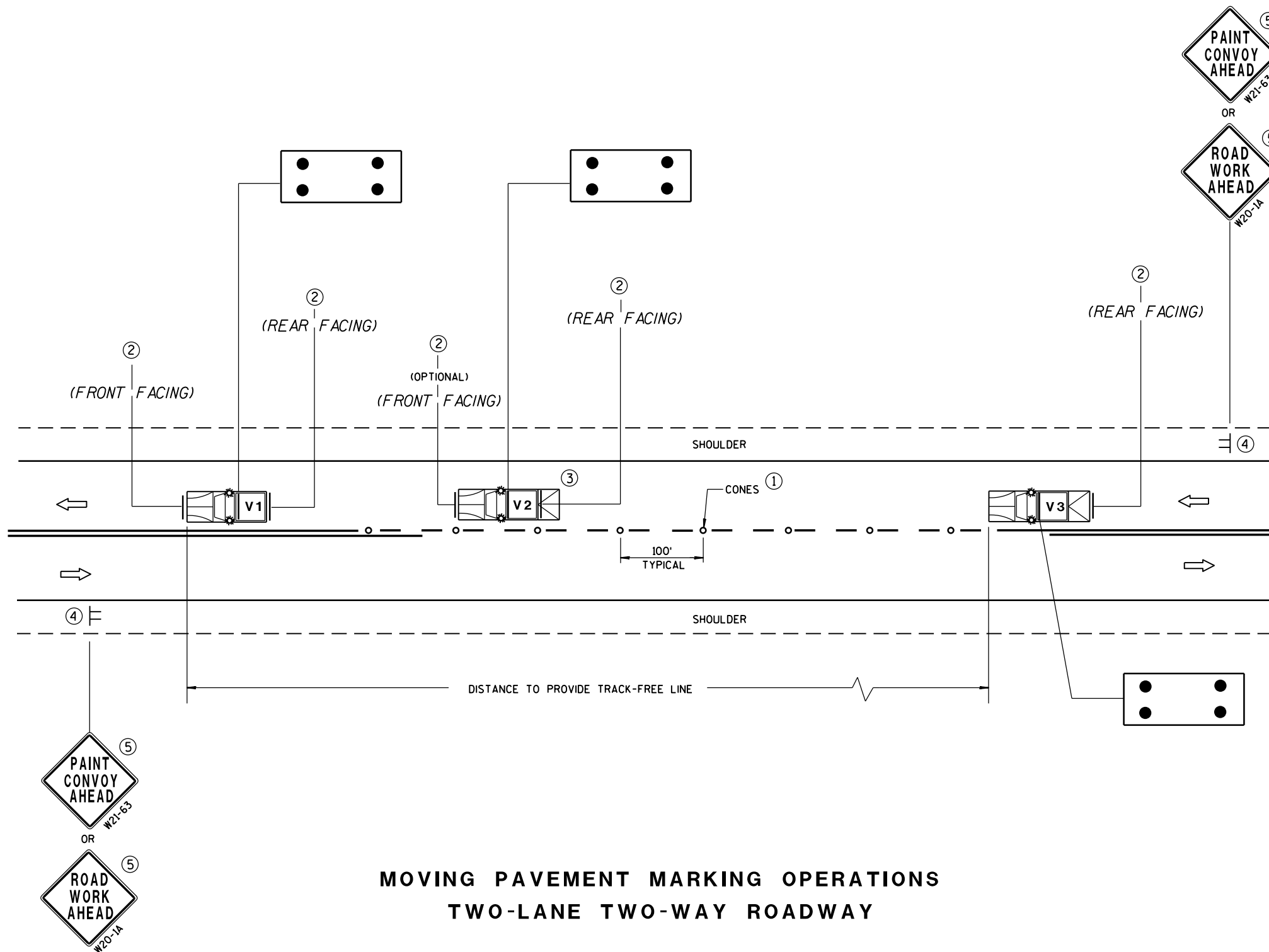
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

- 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.

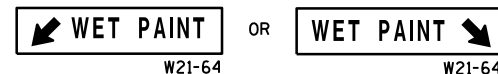
THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

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)

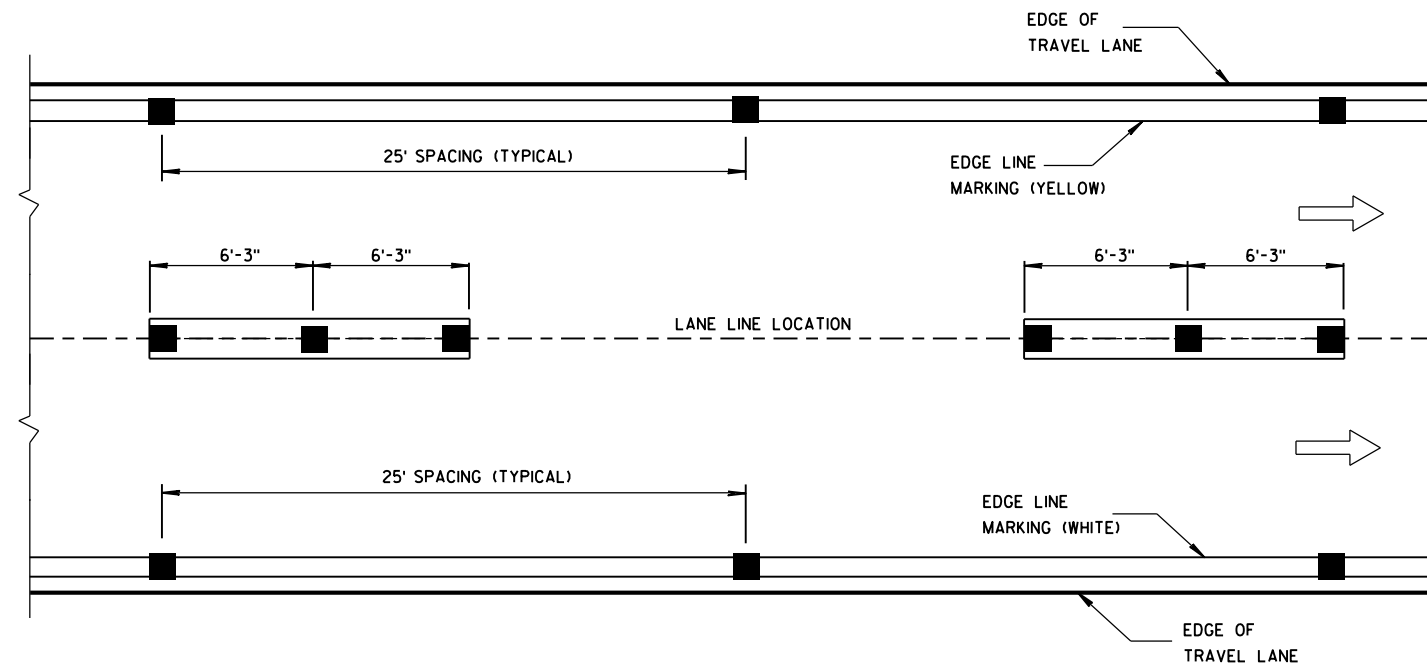
MOVING PAVEMENT MARKING
OPERATION
TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

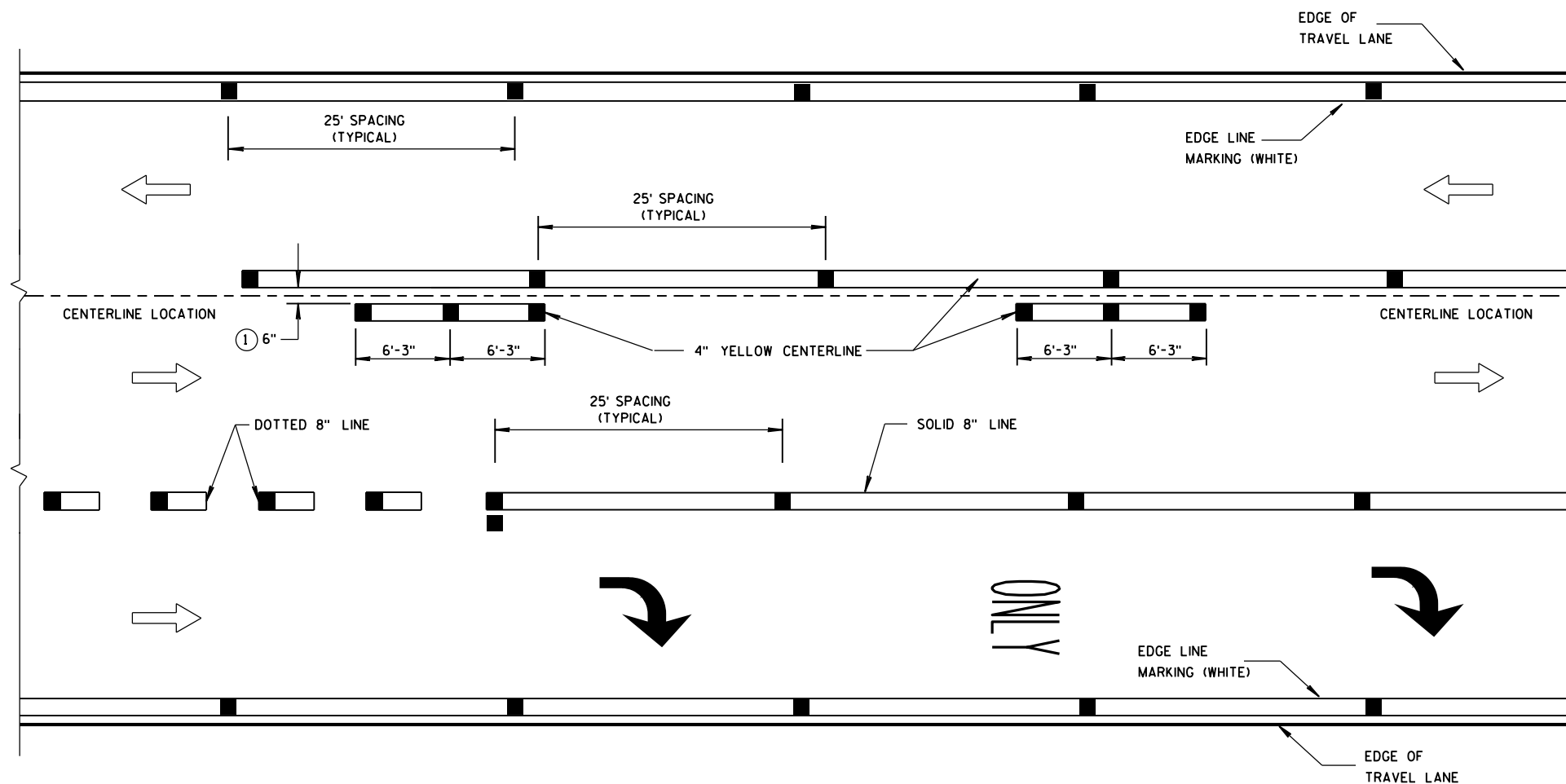
APPROVED

DATE /S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE TRAFFIC
SAFETY ENGINEER

FHWA



**LONGITUDINAL PLACEMENT
LANE LINE**



**LONGITUDINAL PLACEMENT
CENTERLINE AND 8-INCH CHANNEL LINE**

GENERAL NOTES

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

COLOR OF TEMPORARY RAISED PAVEMENT MARKERS, TYPE II SHALL MATCH THE COLOR OF THE MARKING THEY SUPPLEMENT.

PLACE 3 TEMPORARY RAISED PAVEMENT MARKERS EVENLY SPACED ON EACH 12.5 FOOT LINE.

PROVIDE SINGLE OR MULTI-COVER TEMPORARY RAISED PAVEMENT MARKERS AS SHOWN ON PLAN.

PLACE TEMPORARY RAISED PAVEMENT MARKERS, TYPE II ON EDGELINE TAPER POINTS AND END POINTS.

MARK T's ON PAVEMENT FOR RE-ESTABLISHING NO PASSING ZONES.

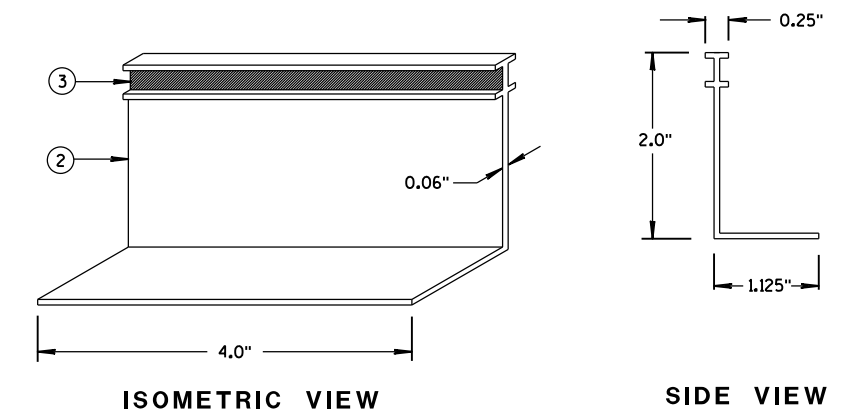
- ① FOR DOUBLE SOLID YELLOW, PLACE THE MARKERS DIRECTLY ACROSS FROM EACH OTHER, WITH A 6 INCH SPACE BETWEEN THEM.
- ② MARKERS SHALL BE OF POLYURETHANE MATERIAL.
- ③ MARKERS SHALL HAVE A MINIMUM SIZE REFLECTIVE SURFACE OF 4 INCH WIDTH X 0.25 INCH HEIGHT.

NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

LEGEND

■ TEMPORARY RAISED PAVEMENT MARKER, TYPE II

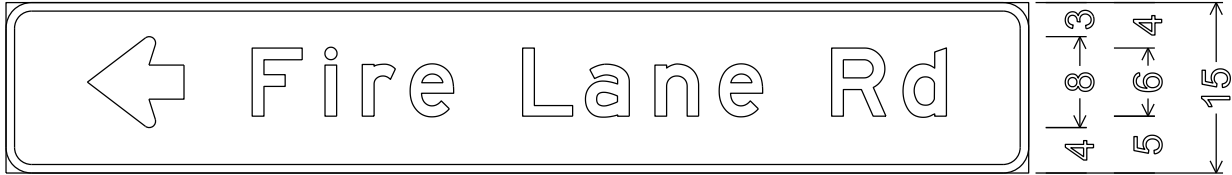


**TEMPORARY
RAISED PAVEMENT MARKER**

STANDARD APPLICATION FOR TEMPORARY RAISED PAVEMENT MARKERS, TYPE II	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 4-28-2016 DATE	/S/ Matthew R. Rauch STATE SIGNING AND MARKING ENGINEER
FHWA	

NOTES

- 1. Sign is Type II - Type H Reflective
- 2. Color:
Background - Green
Message - White
- 3. Message Series - E



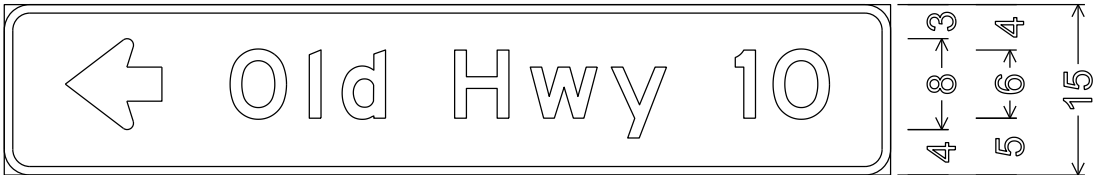
7.125 8.5 6 17.875 6 21.125 6 10.25 7.125 90

2.250" Radius, 0.750" Border



7.125 17.875 6 21.125 6 10.25 6 8.5 7.125 90

2.250" Radius, 0.750" Border



5.375 8.5 6 13.75 6 18.75 6 8.25 5.375 78

2.250" Radius, 0.750" Border



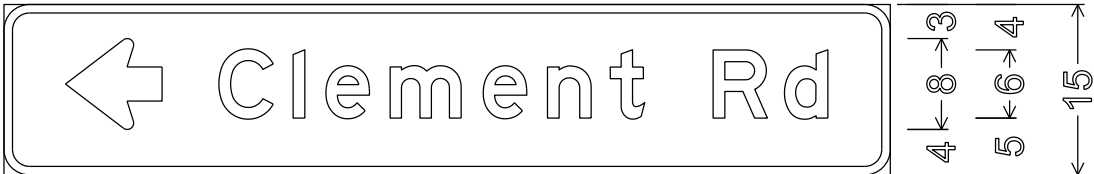
5 8.5 6 31.875 6 9.625 5 72

2.250" Radius, 0.750" Border



5 31.875 6 9.625 6 8.5 5 72

2.250" Radius, 0.750" Border



5.375 8.5 5 37.5 6 10.25 5.375 78

2.250" Radius, 0.750" Border



5.375 37.5 6 10.25 5 8.5 5.375 78

2.250" Radius, 0.750" Border

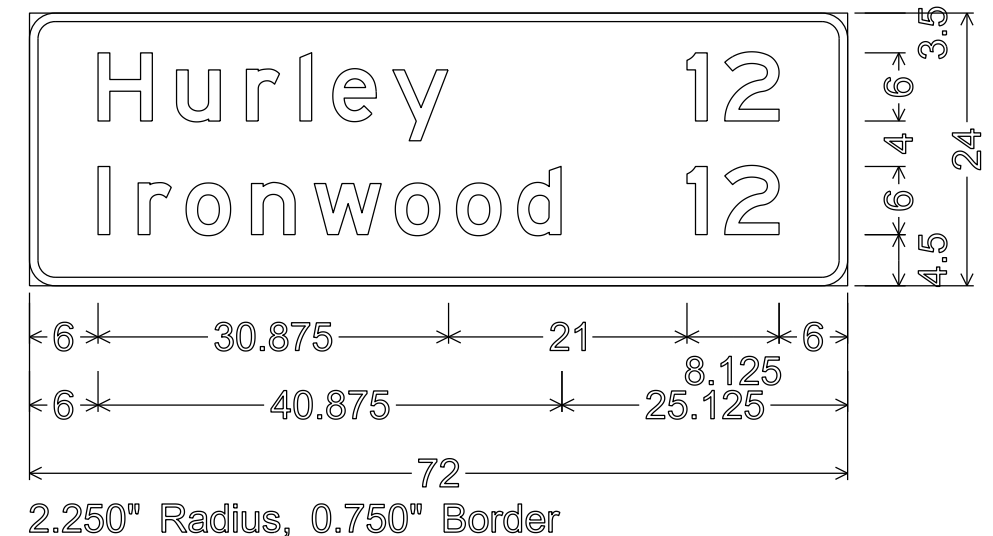
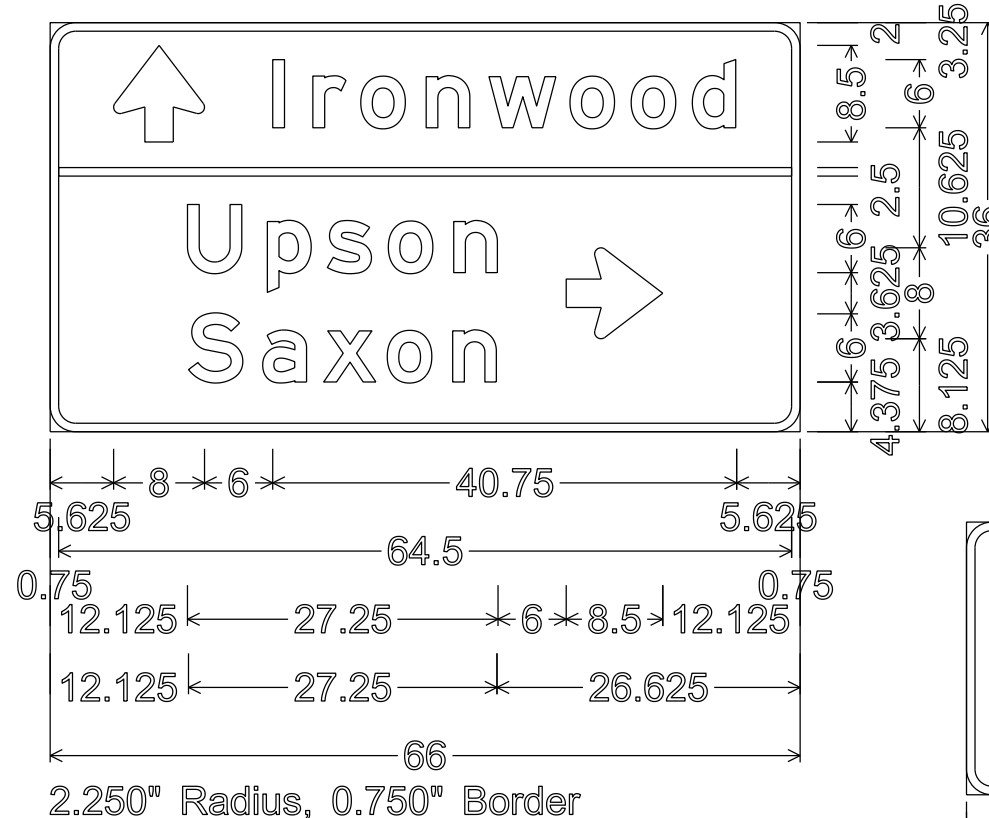
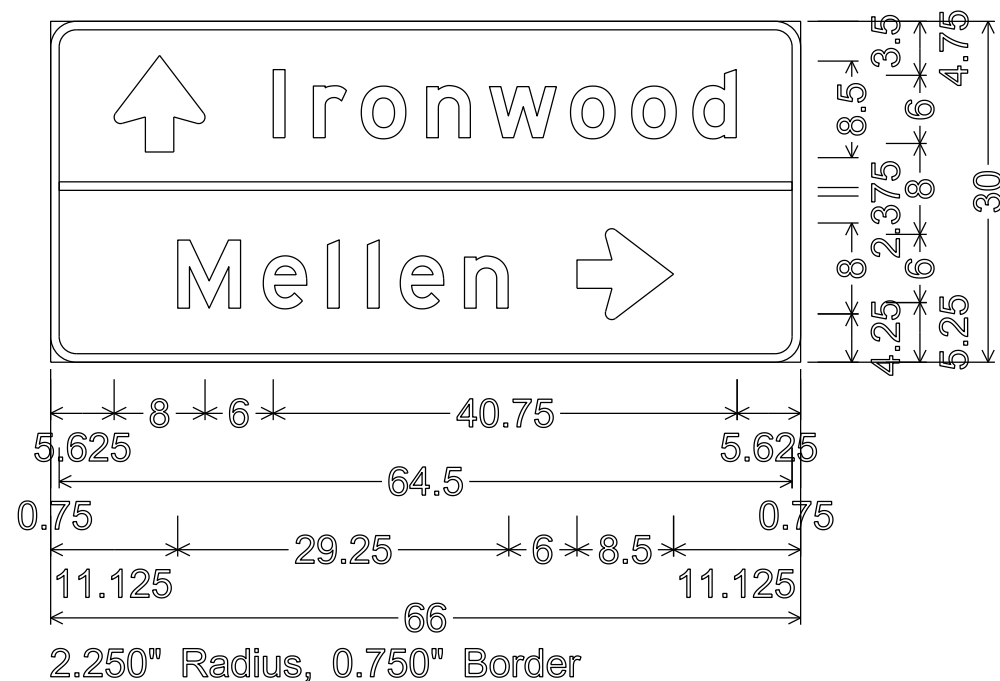
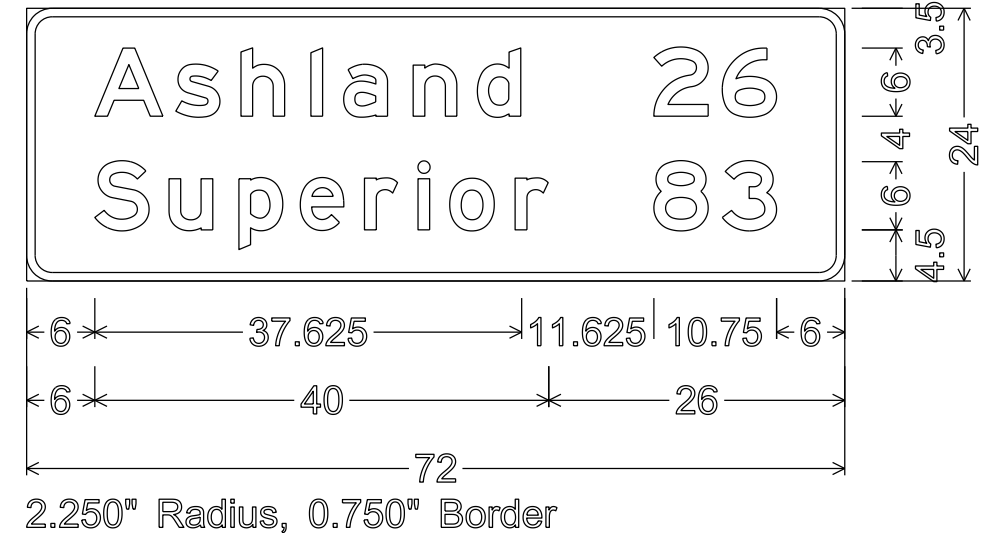
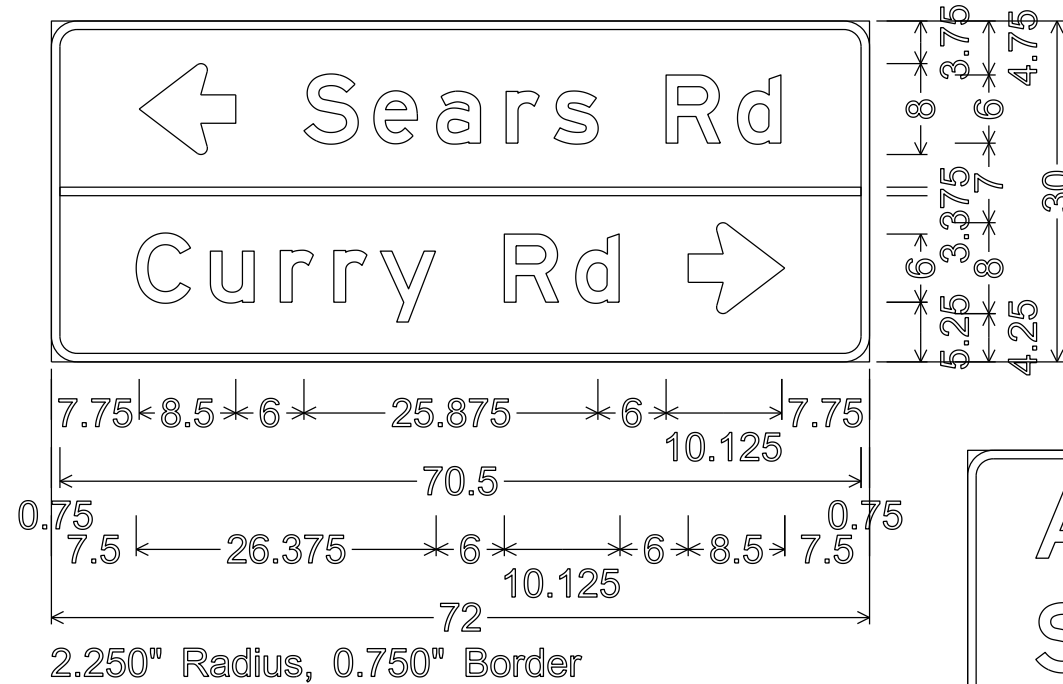
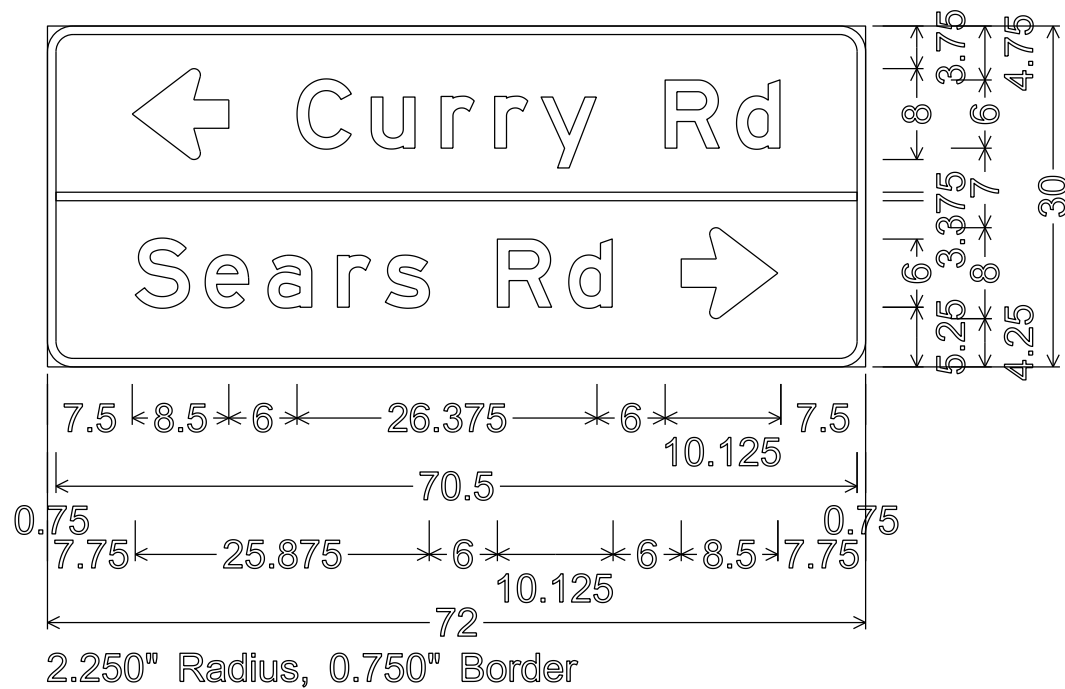


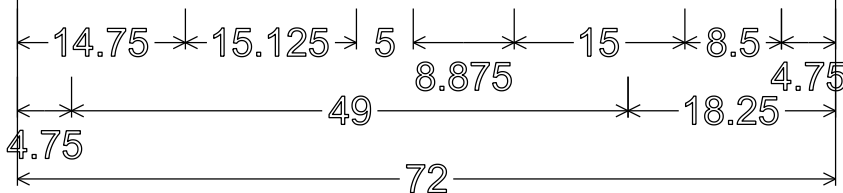
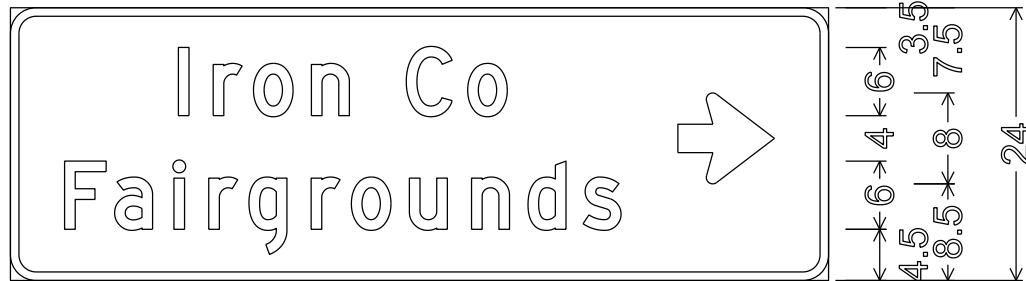
4.75 8 5 37.5 4.75 0.75 8.5 6 29.25 0.75 8.125 60 8.125

2.250" Radius, 0.750" Border

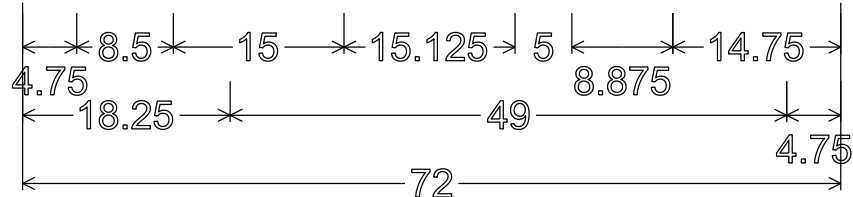
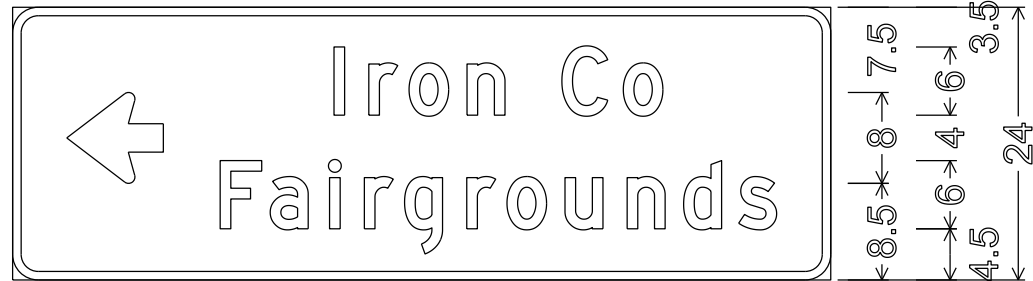
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
Background - Green
Message - White
3. Message Series - E

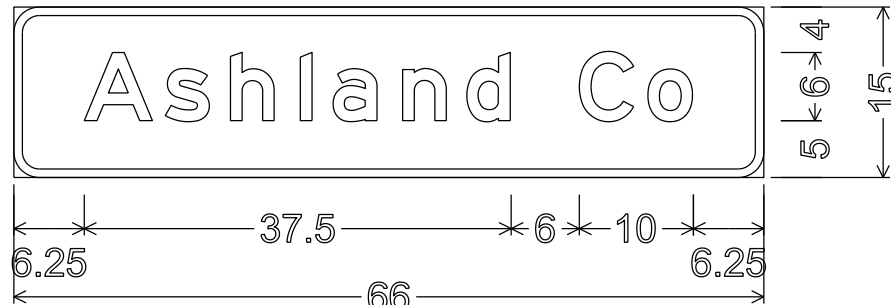




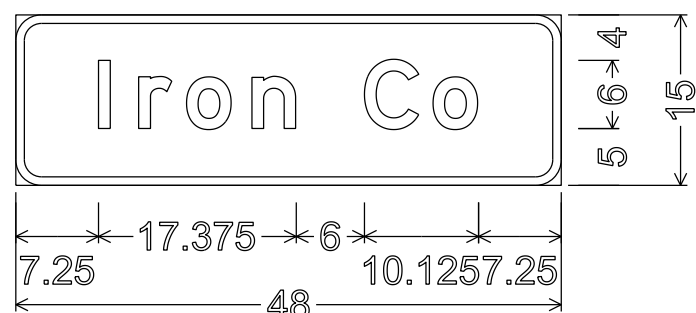
2.250" Radius, 0.750" Border,
"Iron" D; "Co" D; "Fairgrounds" D;



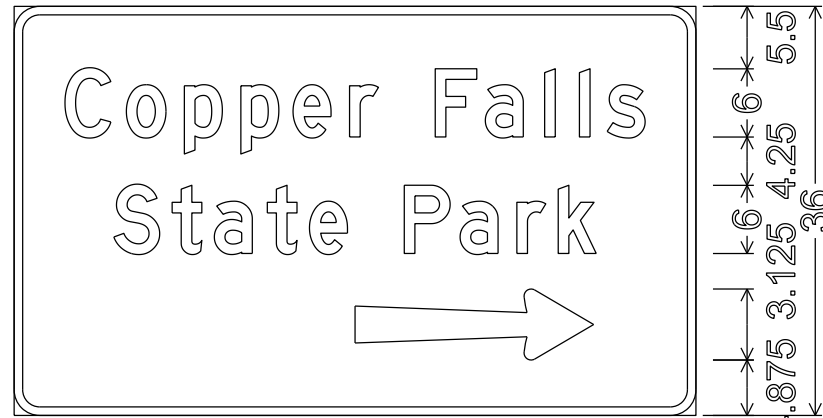
2.250" Radius, 0.750" Border,
"Iron" D; "Co" D; "Fairgrounds" D;



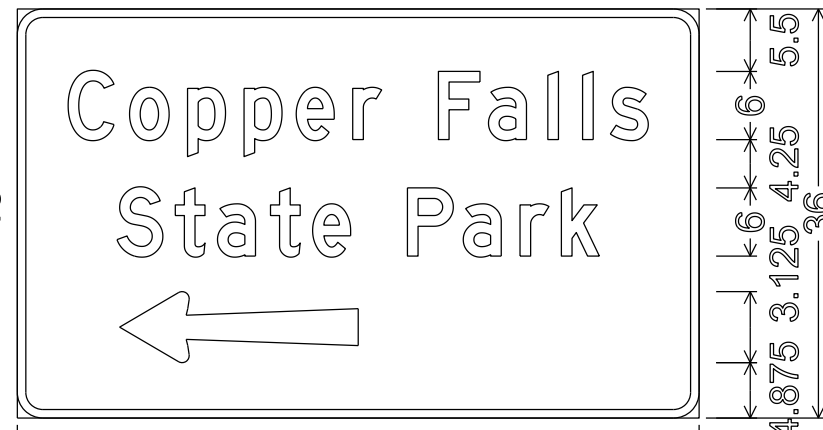
2.250" Radius, 0.750" Border



2.250" Radius, 0.750" Border

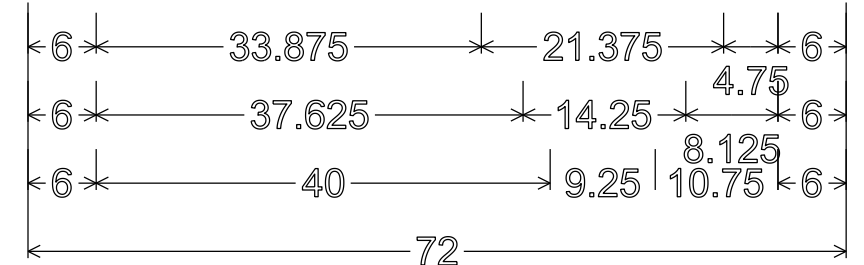
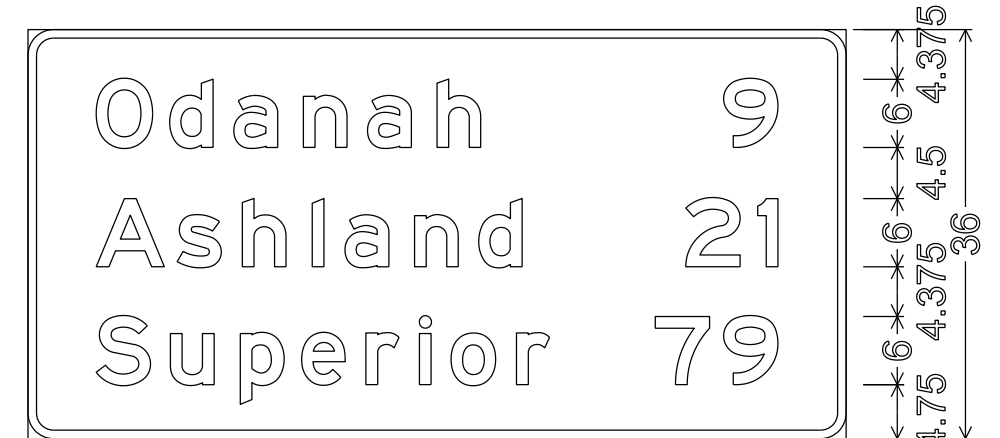


2.250" Radius, 0.750" Border, White on Brown
"Copper" D; "Falls" D; "State" D; "Park" D



2.250" Radius, 0.750" Border, White on Brown;
"Copper" D; "Falls" D; "State" D; "Park" D

- NOTES**
1. Sign is Type II - Type H Reflective
 2. Color:
Background - Green except as noted
Message - White
 3. Message Series - E except as noted



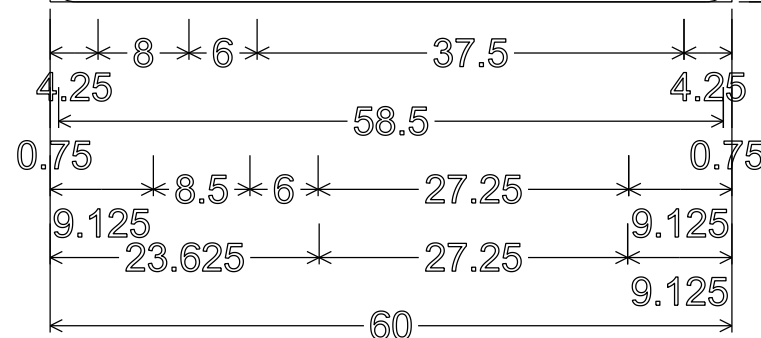
2.250" Radius, 0.750" Border



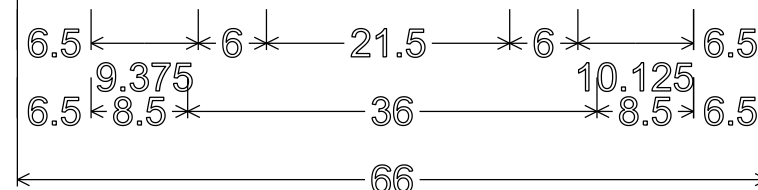
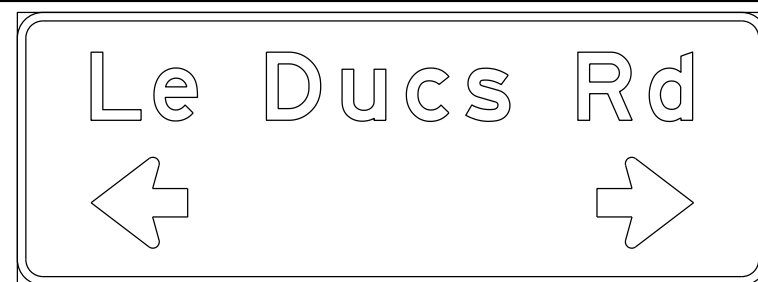
2.250" Radius, 0.750" Border



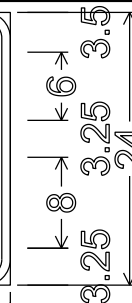
2.250" Radius, 0.750" Border



2.250" Radius, 0.750" Border

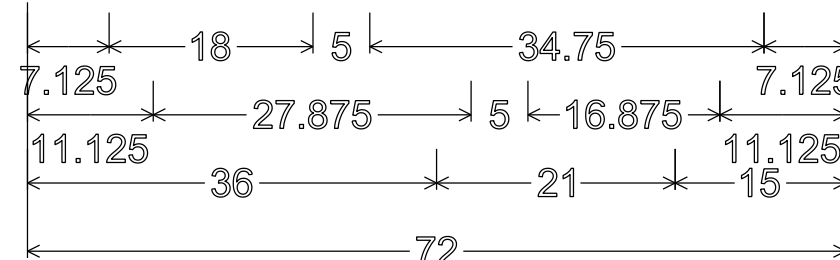
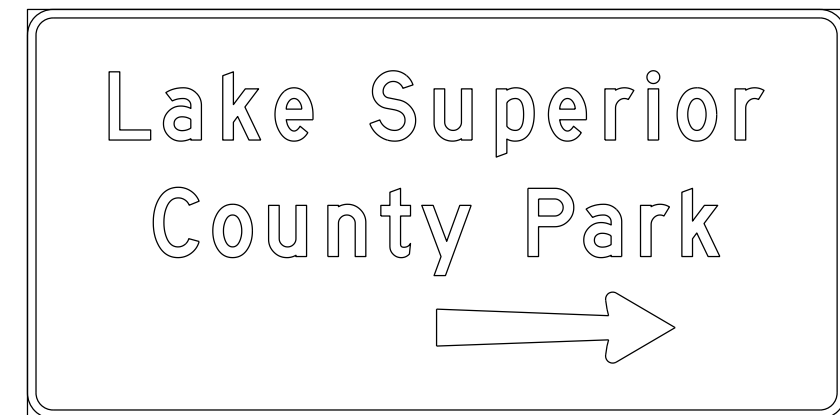


2.250" Radius, 0.750" Border

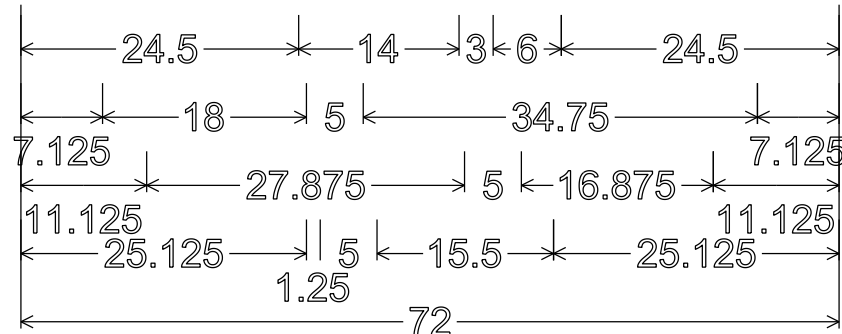
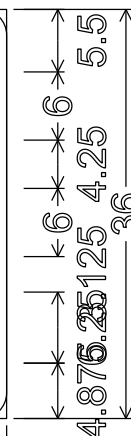


NOTES

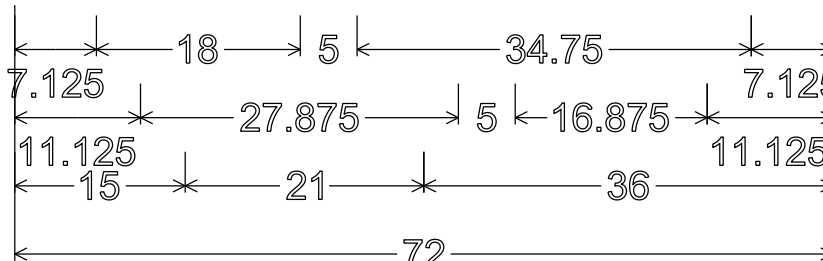
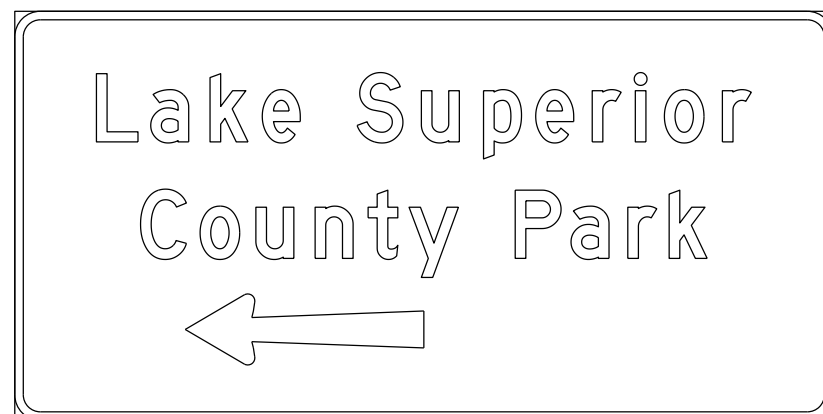
1. Sign is Type II - Type H Reflective
2. Color:
Background - Green except as noted
Message - White
3. Message Series - E except as noted



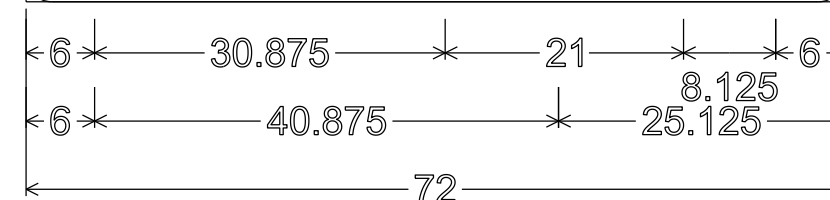
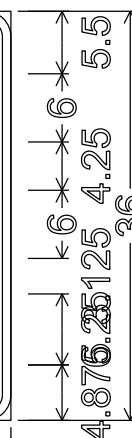
2.250" Radius, 0.750" Border, White on Brown
"Lake" D; "Superior" D; "County" D; "Park" D



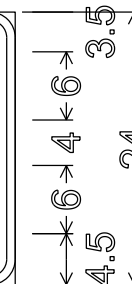
2.250" Radius, 0.750" Border, White on Brown;
"ROAD" D; "TO" D; "Lake" D; "Superior" D;
"County" D; "Park" D; "1" D; "MILE" D;



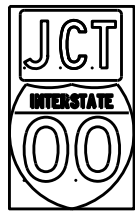
2.250" Radius, 0.750" Border, White on Brown
"Lake" D; "Superior" D; "County" D; "Park" D



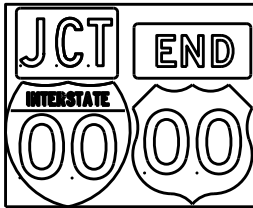
2.250" Radius, 0.750" Border



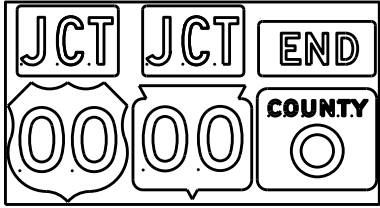
TYPICAL ASSEMBLIES



J1-1



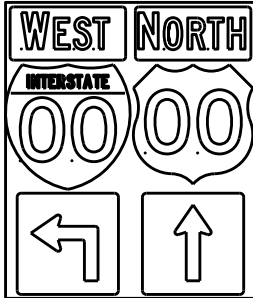
J1-2



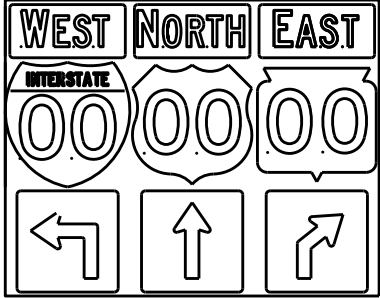
J1-3



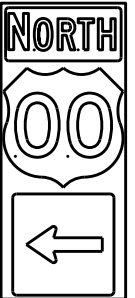
J2-1



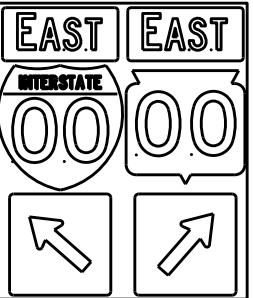
J2-2



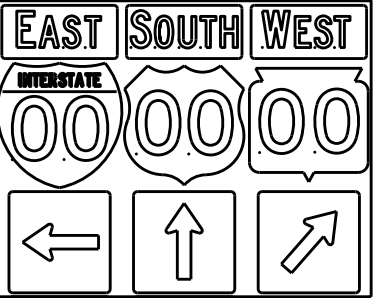
J2-3



J3-1



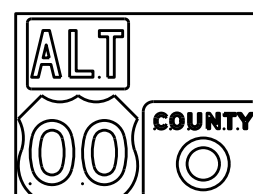
J3-2



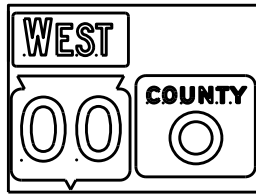
J3-3



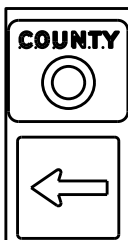
J4-1



J4-2



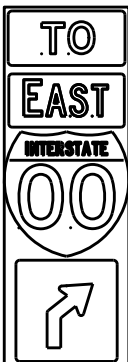
J4-2



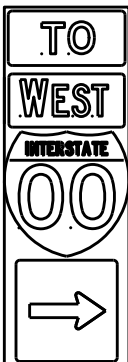
J13-1



J12-1



J32-1



J33-1



J23-1

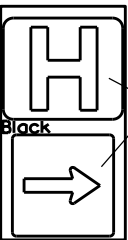


J22-1



JV

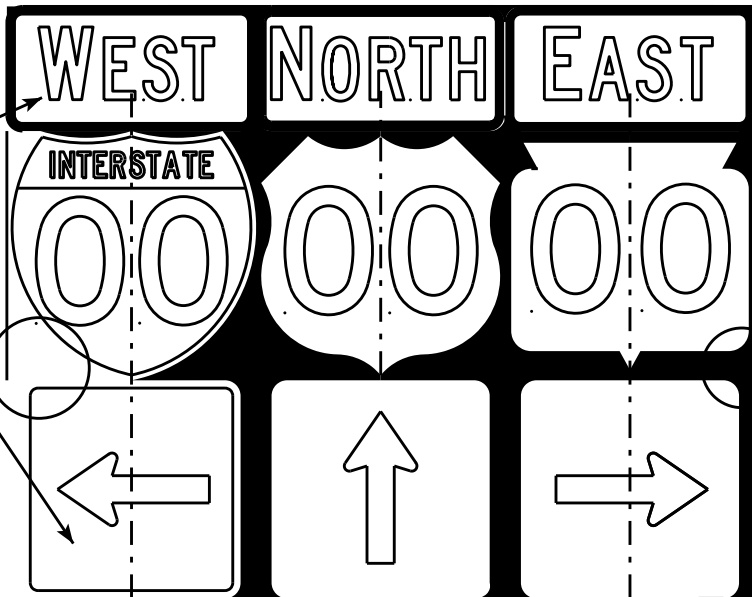
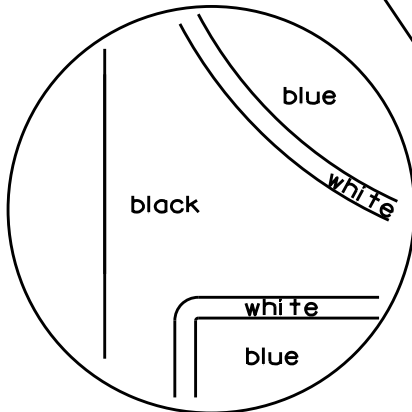
(Typical Vertical J-Assembly
See Note 10 and 11)



JH-1

Blue Background

[blue background
with interstate]



[black background]

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

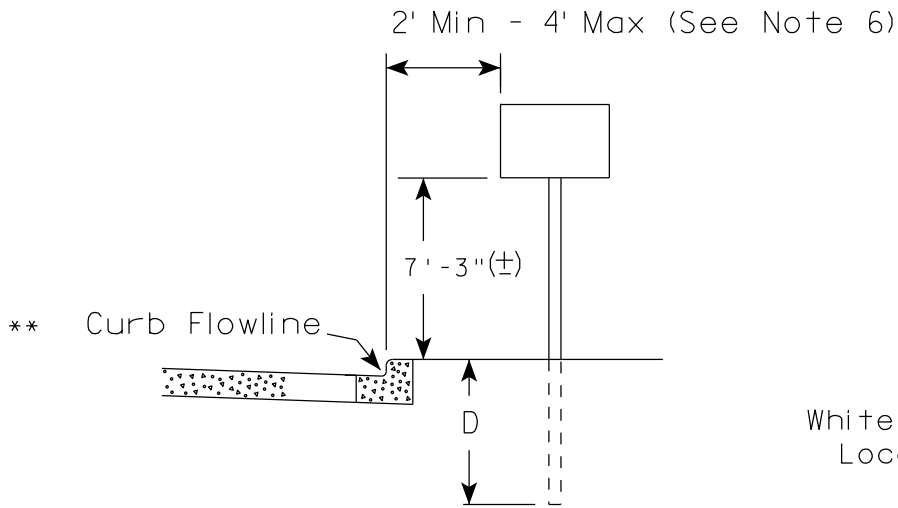
APPROVED *Matthew R. Rauch*
For State Traffic Engineer

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

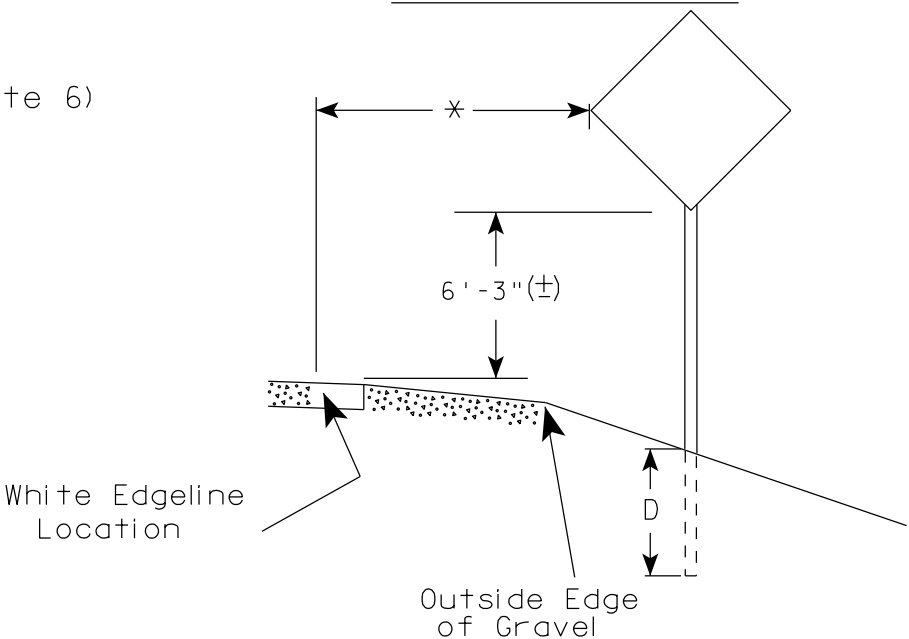
NOTES

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.

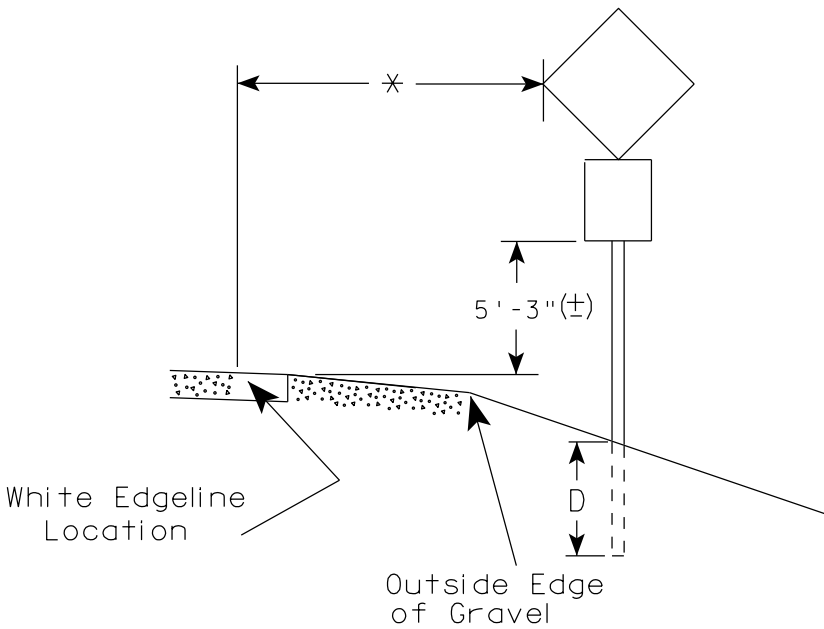
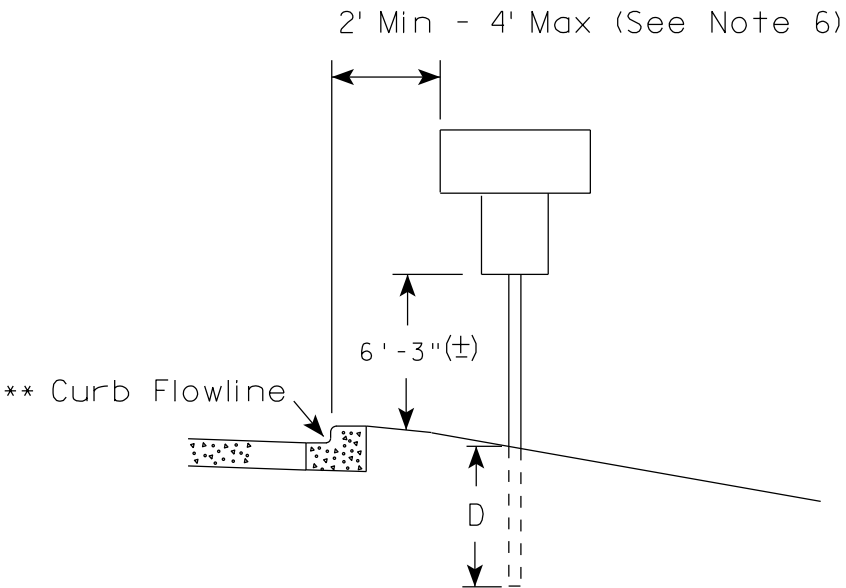
URBAN AREA



RURAL AREA (See Note 2)



- GENERAL NOTES
1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
 2. If signs are mounted on 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 (A2-1S) 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 signs 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), In Road Object Markers (W5-54) & End of Road Markers (W5-56) 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.

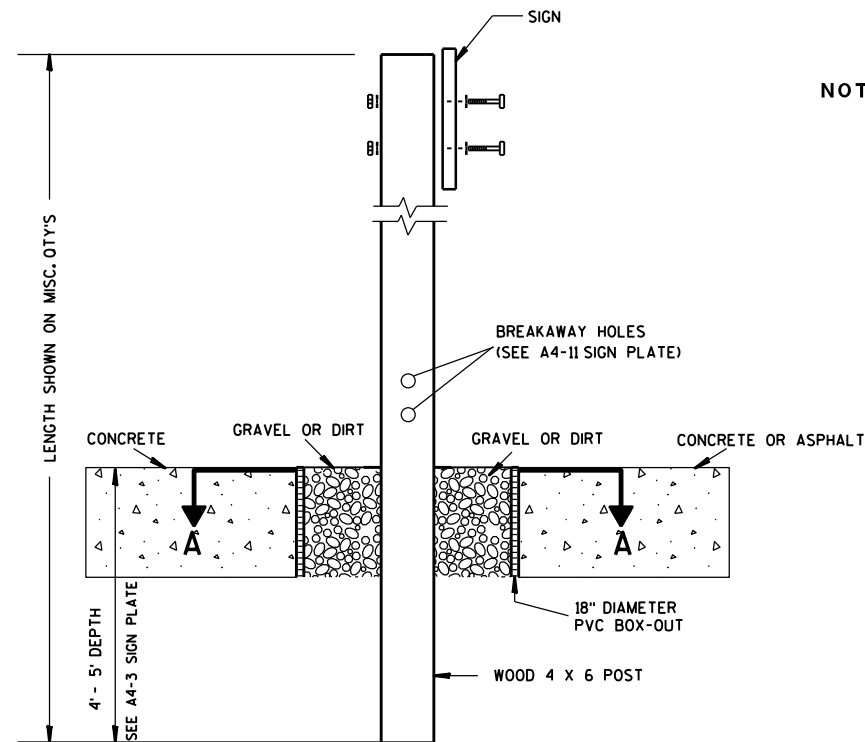
* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

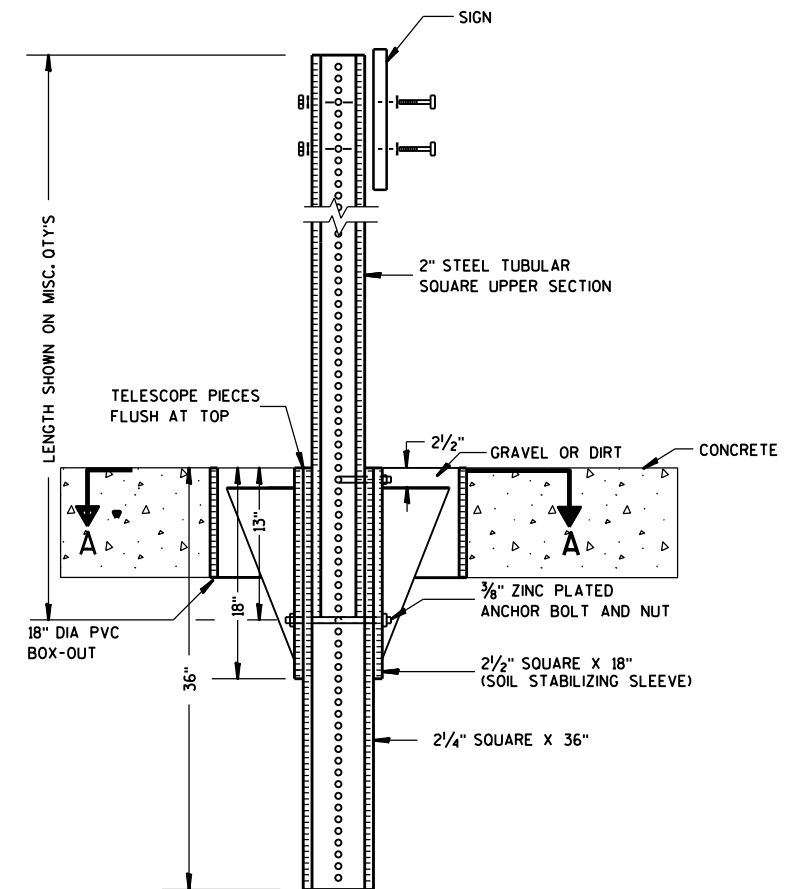
DATE 7/23/15 PLATE NO. A4-3.20



ELEVATION VIEW

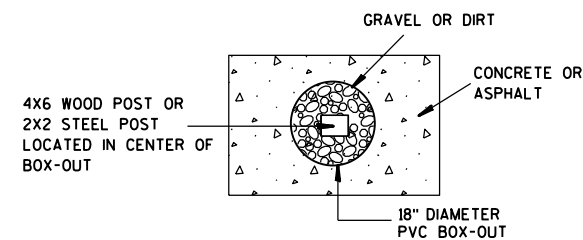
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

- 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

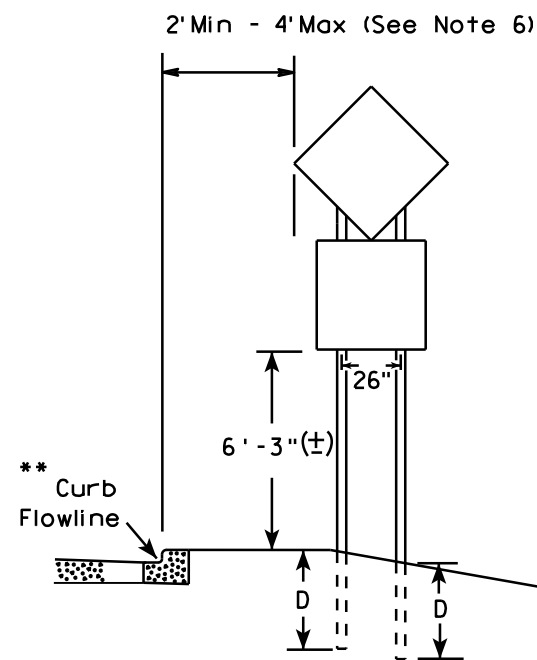
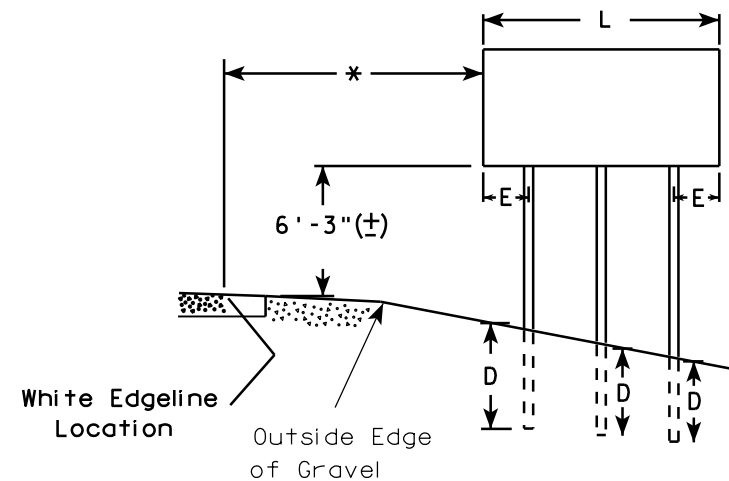
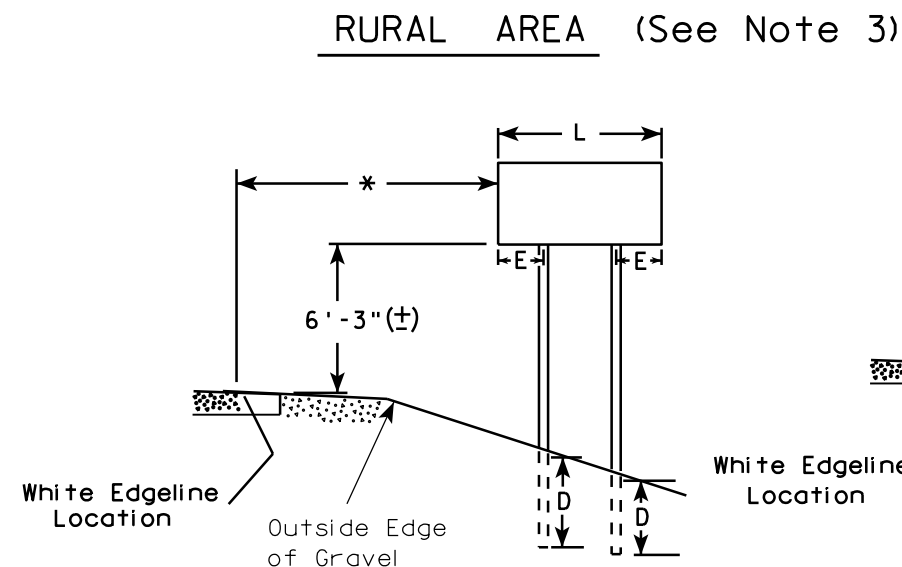
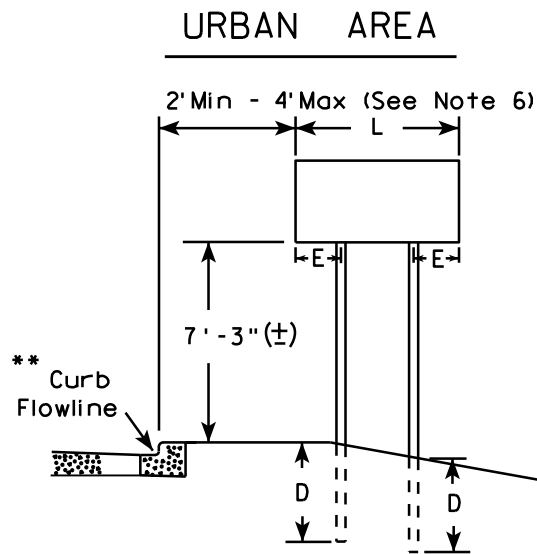
PROJECT NO:

HWY:

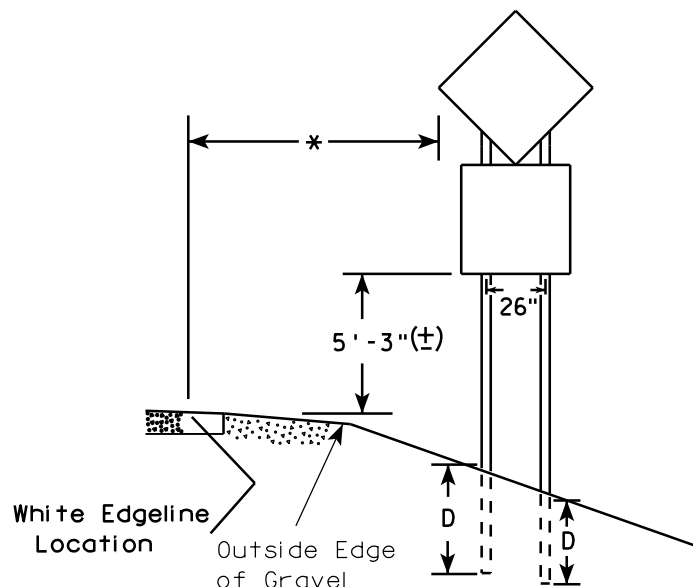
COUNTY:

SHEET NO:

E



48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

- 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 (A2-1S) 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 signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
 8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).

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

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

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

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

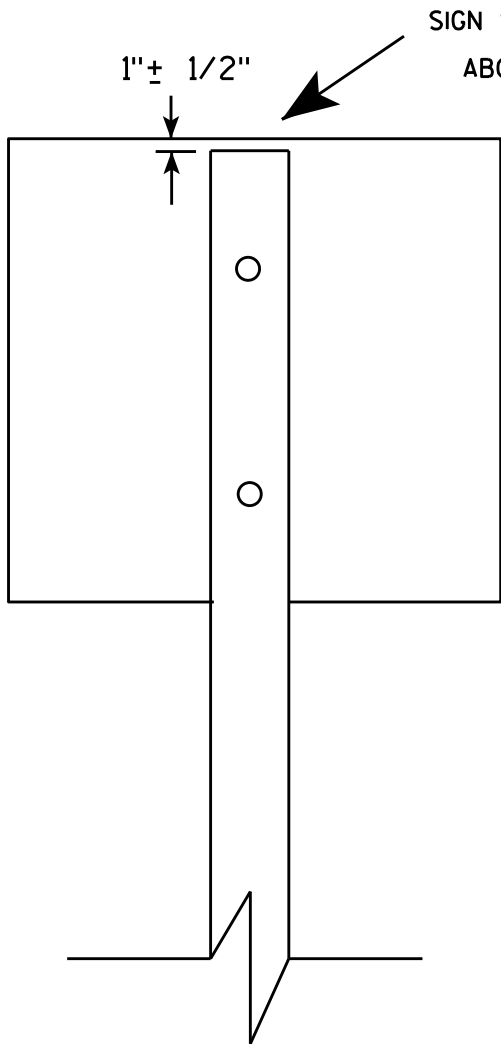
Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION
OF TYPE II SIGNS
ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

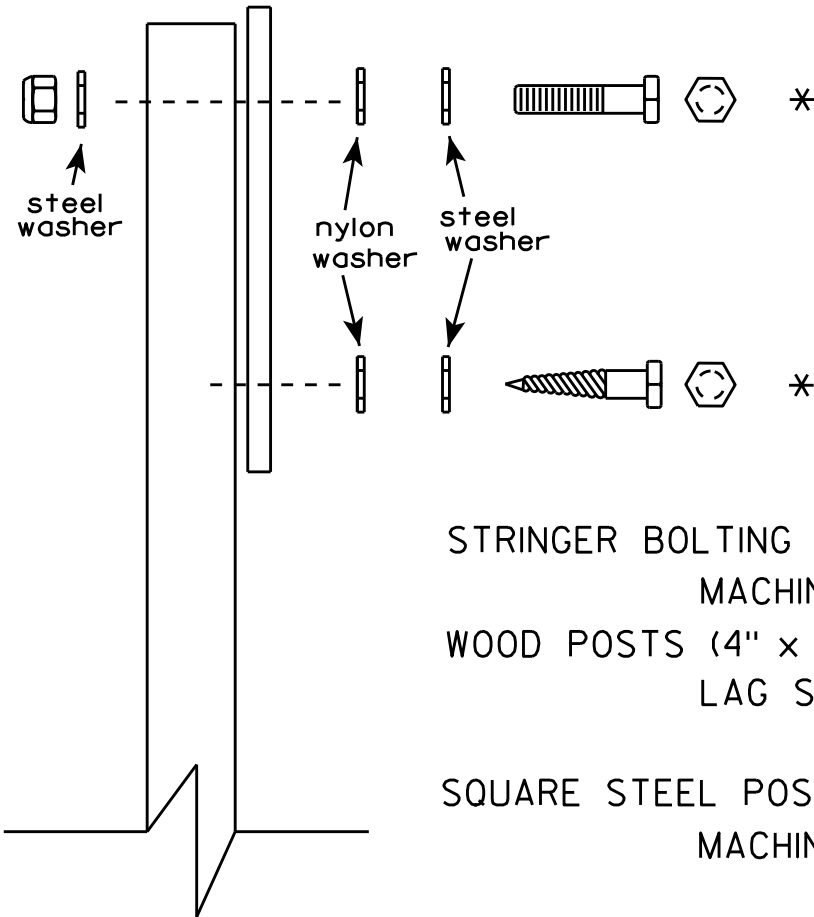
APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-4.14



SIGN SHALL BE MOUNTED TO PROJECT
ABOVE THE TOP OF THE POST

1"± 1/2"



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

- a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3
- b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

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

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

MACHINE BOLTS - $\frac{5}{16}$ " X 1-3/4" Length w/ nuts

WOOD POSTS (4" x 4" or 4" x 6")

LAG SCREWS - $\frac{3}{8}$ " X 3" (NO STRINGERS ON BACK OF SIGN)
 $\frac{3}{8}$ " X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

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

RIVETS - $\frac{9}{32}$ " (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 $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ " STEEL

1-1/4" O.D. X $\frac{3}{8}$ " I.D. X .080 NYLON

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

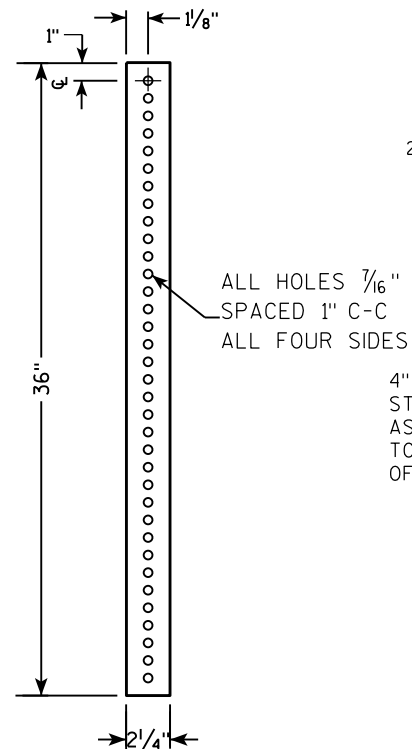
ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

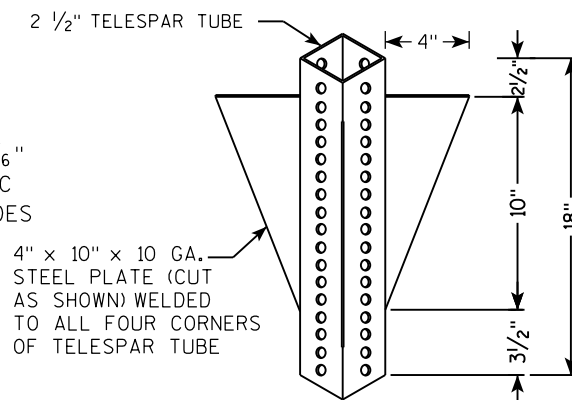
APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 4/27/16 PLATE NO. A4-8.8

**2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH**



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



LENGTH SHOWN ON MISC. QTY'S
 18" DIA SCHEDULE 40 PVC BOX-OUT
 TELESCOPE PIECES FLUSH AT TOP
 36"
 18"
 13"
 2 1/2"
 2 1/4" SQUARE X 36"
 2 1/2" SQUARE X 18" (SOIL STABILIZING SLEEVE)
 3/8" ZINC PLATED ANCHOR BOLT AND NUT
 2 1/2" GRAVEL OR DIRT
 3/8" ZINC PLATED ANCHOR BOLT AND NUT
 ALL HOLES 7/16" SPACED 1" C-C ALL FOUR SIDES
 2" STEEL TUBULAR SQUARE UPPER SECTION
 SEE SIGN PLATE A4-8 FOR BOLT WASHER, & NUT MATERIAL
 SIGN

LENGTH SHOWN ON MISC. QTY'S

SIGN

SEE SIGN PLATE A4-8 FOR BOLT WASHER, & NUT MATERIAL

2" STEEL TUBULAR SQUARE UPPER SECTION

ALL HOLES $\frac{7}{16}$ " SPACED 1" C-C ALL FOUR SIDES

$\frac{3}{8}$ " ZINC PLATED CORNER ANCHOR BOLT AND NUT

TELESCOPE PIECES FLUSH AT TOP

1"

$\frac{3}{8}$ " ZINC PLATED ANCHOR BOLT AND NUT

2 $\frac{1}{2}$ " SQUARE X 18" (SOIL STABILIZING SLEEVE)

2 $\frac{1}{4}$ " SQUARE X 36"

36"

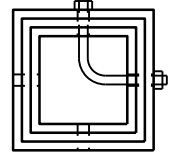
18"

12"

A

B

3/8" ZINC PLATED CORNER
ANCHOR BOLT AND NUT



DIRECTION
OF TRAFFIC

SECTION A-A

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

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthieu R. Rauch

for State Traffic Engineer

DATE 2/05/15 PLATE NO. A4-9.9

PROJECT NO:

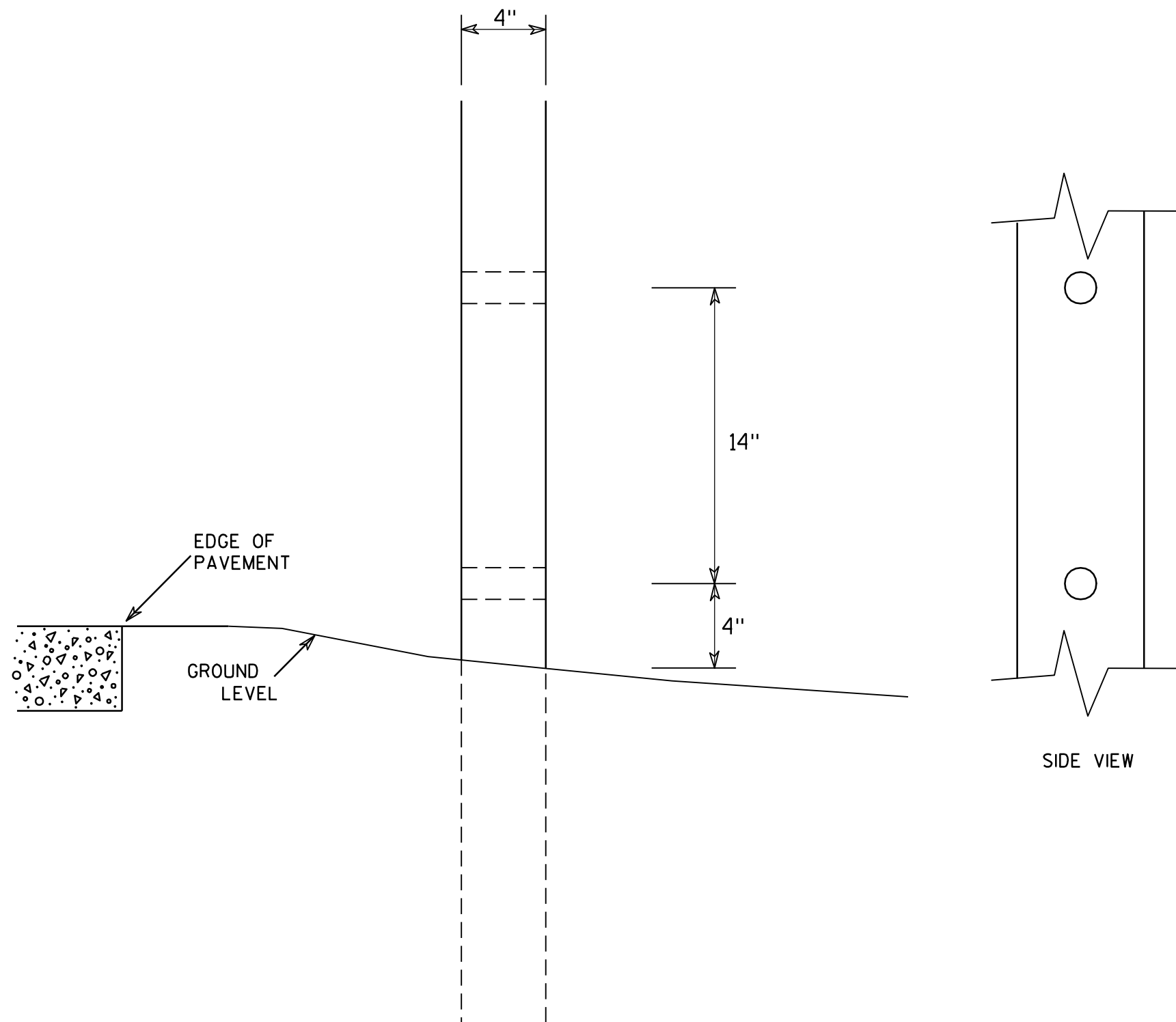
HWY:

COUNTY:

SHEET NO:

三

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:

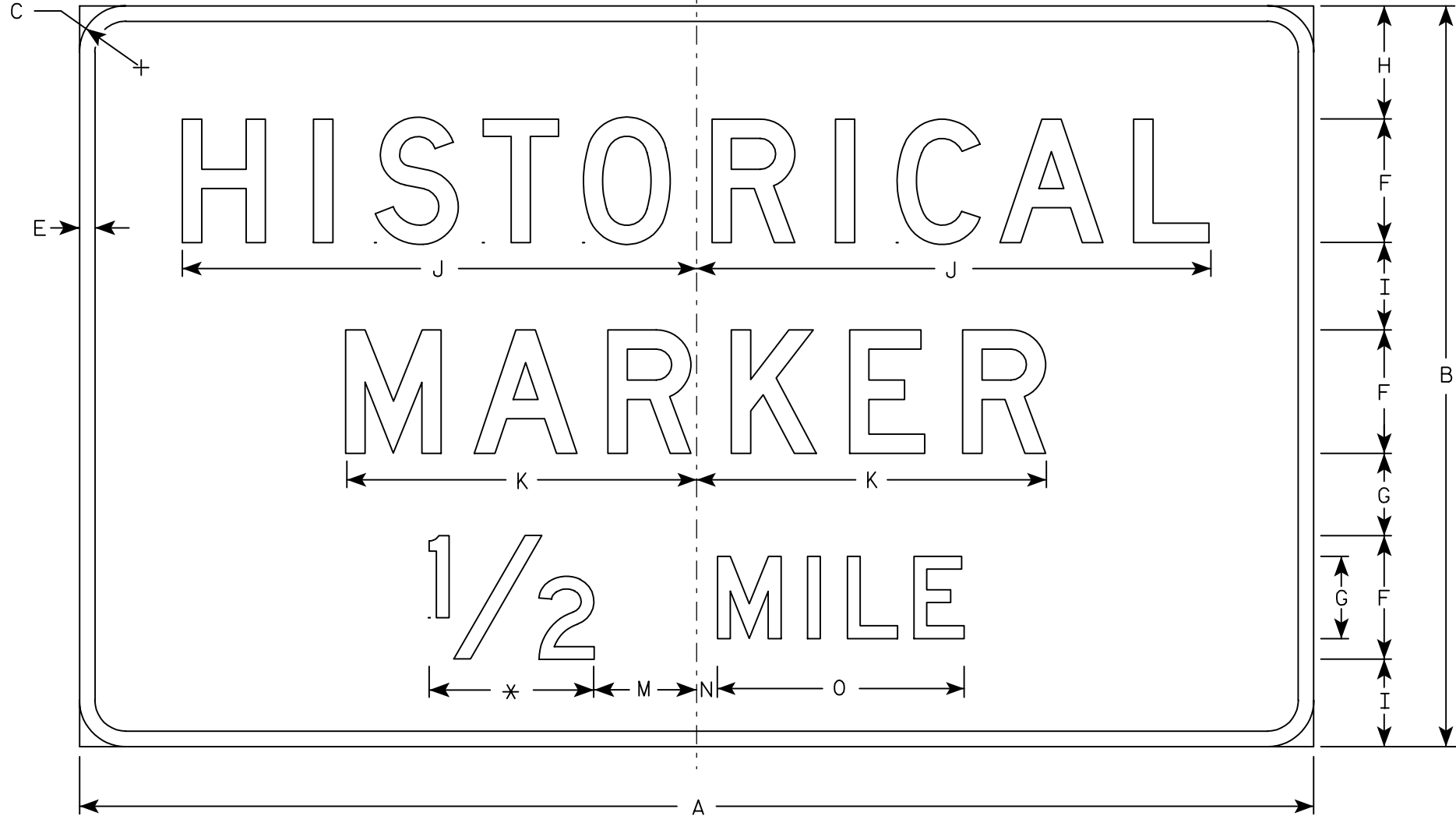
SHEET NO:

E

50, 53, 60, 61, 62, 63

7

LEVELS ON - 2, 3, 5, 6



D5-63 * See Note 5

Metric equivalent
for this sign is:

SIZE	
1	
2	1500 mm X 900 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	Area sq. ft.	Area m2
1																												
2	60	36	2 1/4		3/4	6	4	5 1/2	4 1/4	25	17		5	1	12												15.0	1.35
3																												
4																												
5																												

STATE PROJECT NUMBER:

FILE NAME : C:\Users\Projects\tr_std\plate\D563.DGN

PLOT DATE : 09-JAN-2002 13:18

ORG DATE : 3/23/99

Originator : Don Kluever

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 - Brown
Message - White
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.

STANDARD SIGN
D5-63

WISCONSIN DEPT OF TRANSPORTATION

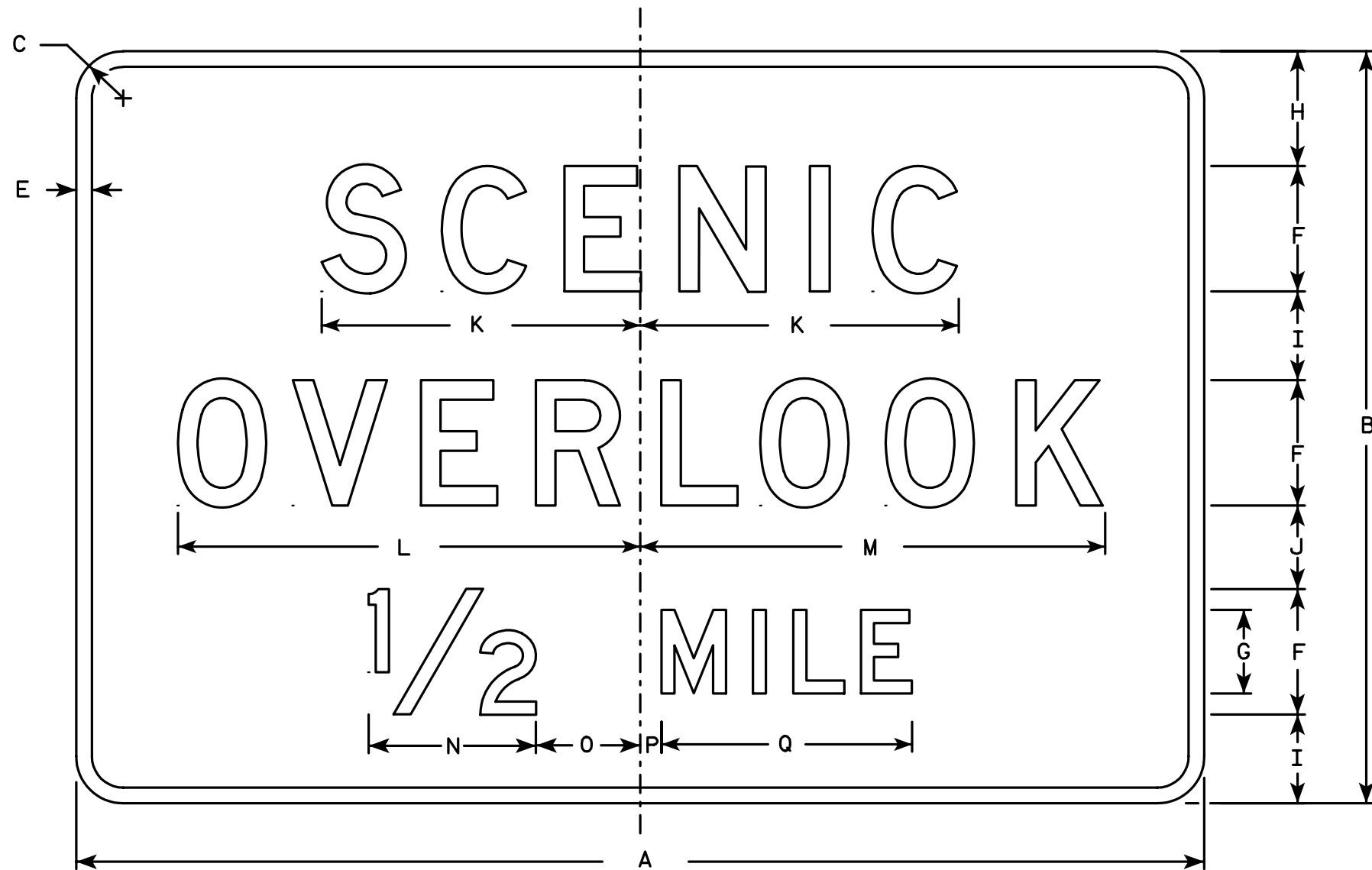
APPROVED
Christa J. Spang
for State Traffic Engineer

DATE 3/23/99 PLATE NO. D5-63.9

58, 59, 60, 61, 62, 63

7

LEVELS ON - 2, 3, 5, 6, 10.



D6-51

Metric equivalent
for this sign is:

SIZE	
1	
2	1350 mm X 900 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	Area sq. ft.	Area sq. m.
1																												
2	54	36	2 ¼		¾	6	4	5 ½	4 ¼	4	15 ¼	22 ⅛	22 ¼	8	5	1	12										13.50	1.22
3																												
4																												
5																												

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 - 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.

STANDARD SIGN
D6-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Christa J. Spang
for State Traffic Engineer

DATE 1/10/02

PLATE NO. D6-51.5

STATE PROJECT NUMBER:

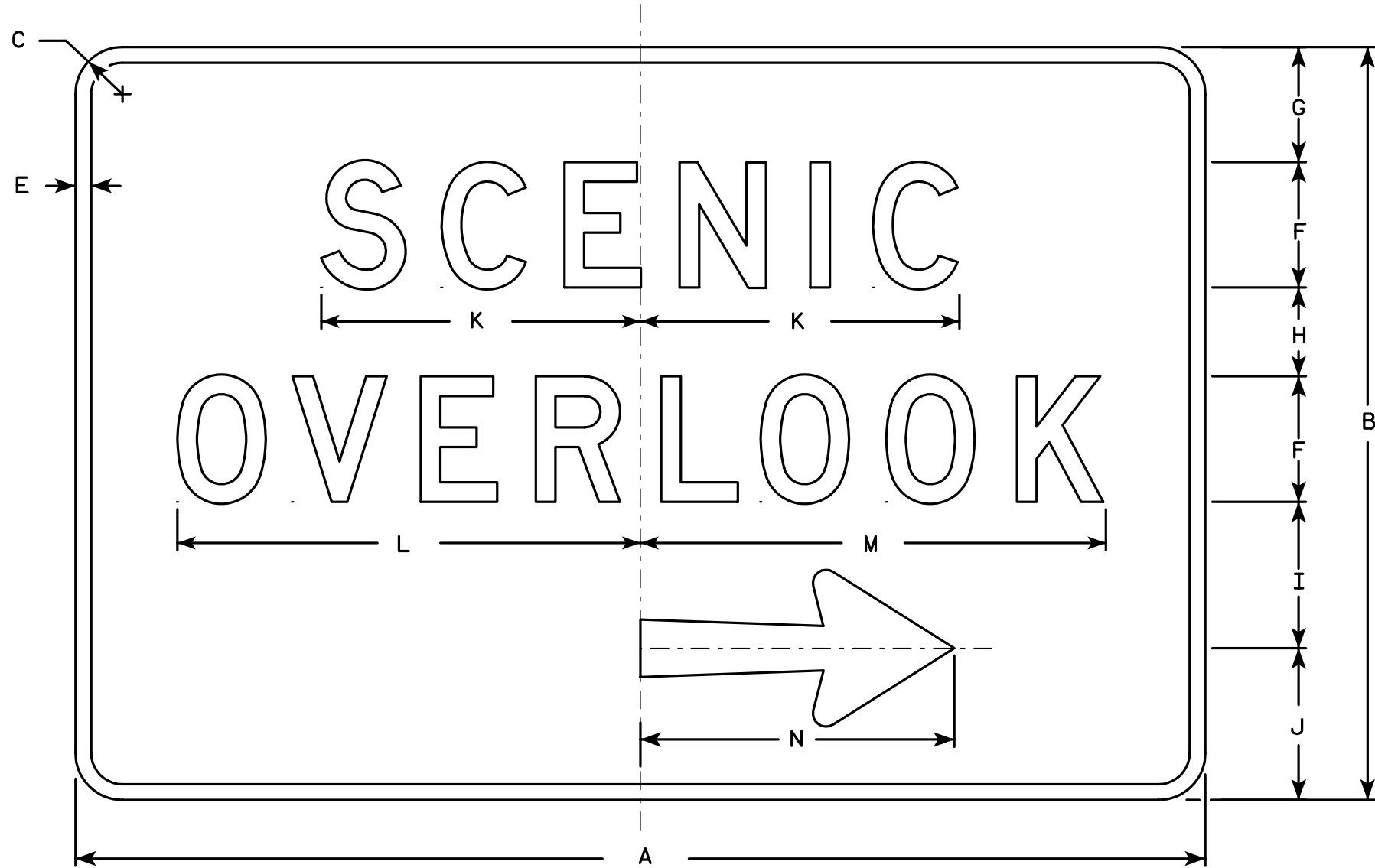
SHEET NO:

E

58, 59, 60, 61, 62, 63

7

LEVELS ON - 2, 3, 5, 6, 10.



D6-53R

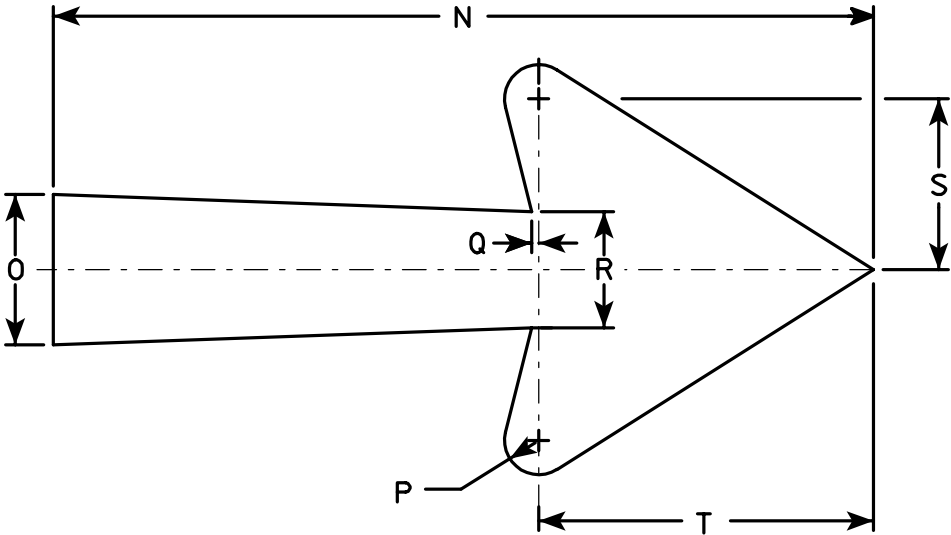
Metric equivalent
for this sign is:

SIZE	
1	
2	1350 mm X 900 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	Area sq. ft.	Area sq. m.
1																												
2	54	36	2 1/4		3/4	6	5 1/2	4 1/4	7	7 1/4	15 1/4	22 1/8	22 1/4	15	2 3/4	5/8	1/8	2 1/8	3 1/8	6 1/8							13.50	1.22
3																												
4																												
5																												

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 - 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. D5-53L is the same as D6-53R except that the arrow is reversed.



Arrow Detail

STANDARD SIGN D6-53	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Christa J. Spay</i> State Traffic Engineer
DATE 1/10/02	PLATE NO. D6-53.5

STATE PROJECT NUMBER:

SHEET NO:

E

NOTES

1. Signs are Type II - Type H Reflective

2. Color:

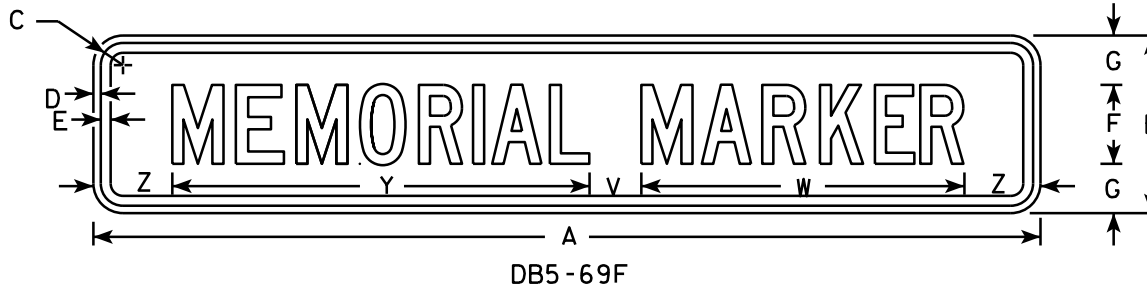
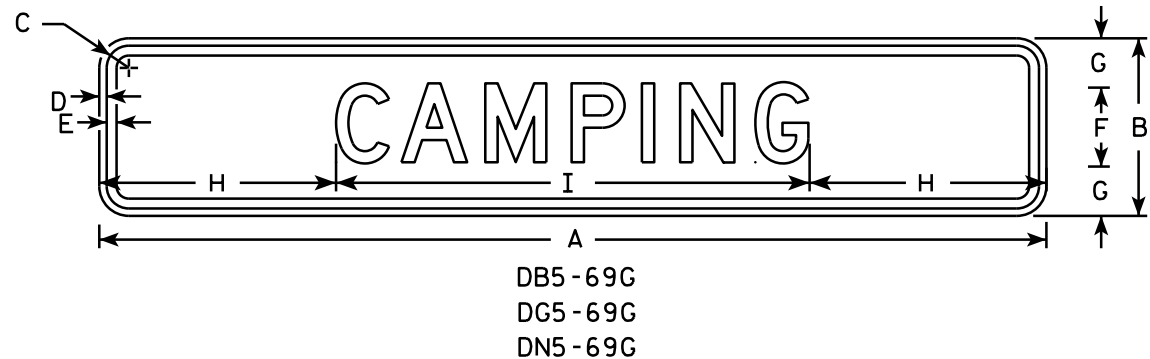
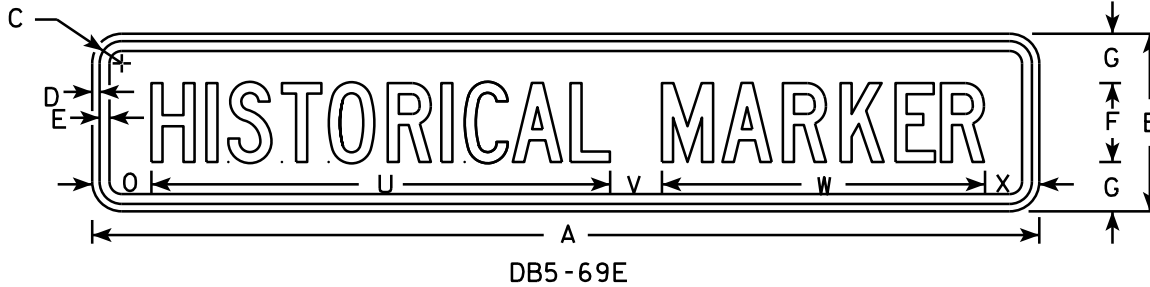
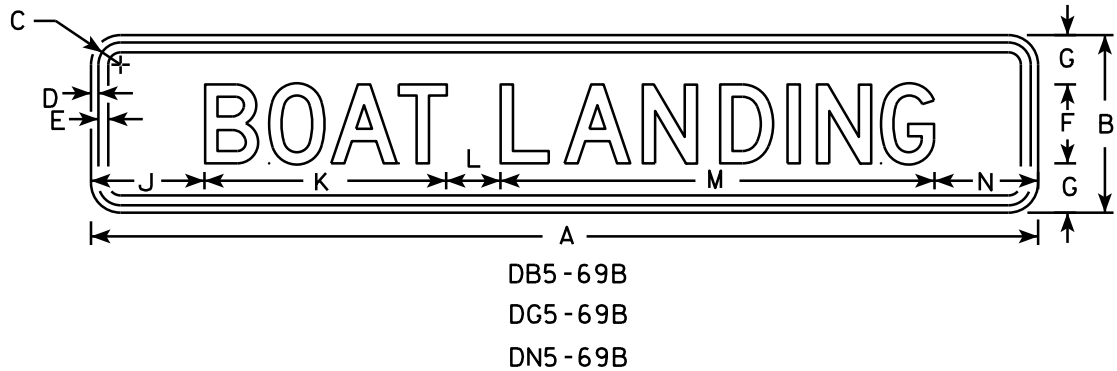
Background - See Note 4

Message - White - Type H Reflective

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. DB5-69B
DB5-69E
DB5-69F } Background BLUE
DB5-69G
DG5-69B
DG5-69G } Background GREEN
DN5-69B
DN5-69G } Background BROWN

5. Message Series - All signs are Series D except for DB5-69E & DB5-69F which are Series C.

[illegible]

STANDARD SIGN
DB5-69 & DG5-69
& DN5-69 Series

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R. Rauch
for State Traffic Engineer

DATE 10/15/04 PLATE NO. DB5-69.5

PROJECT NO:

HWY:

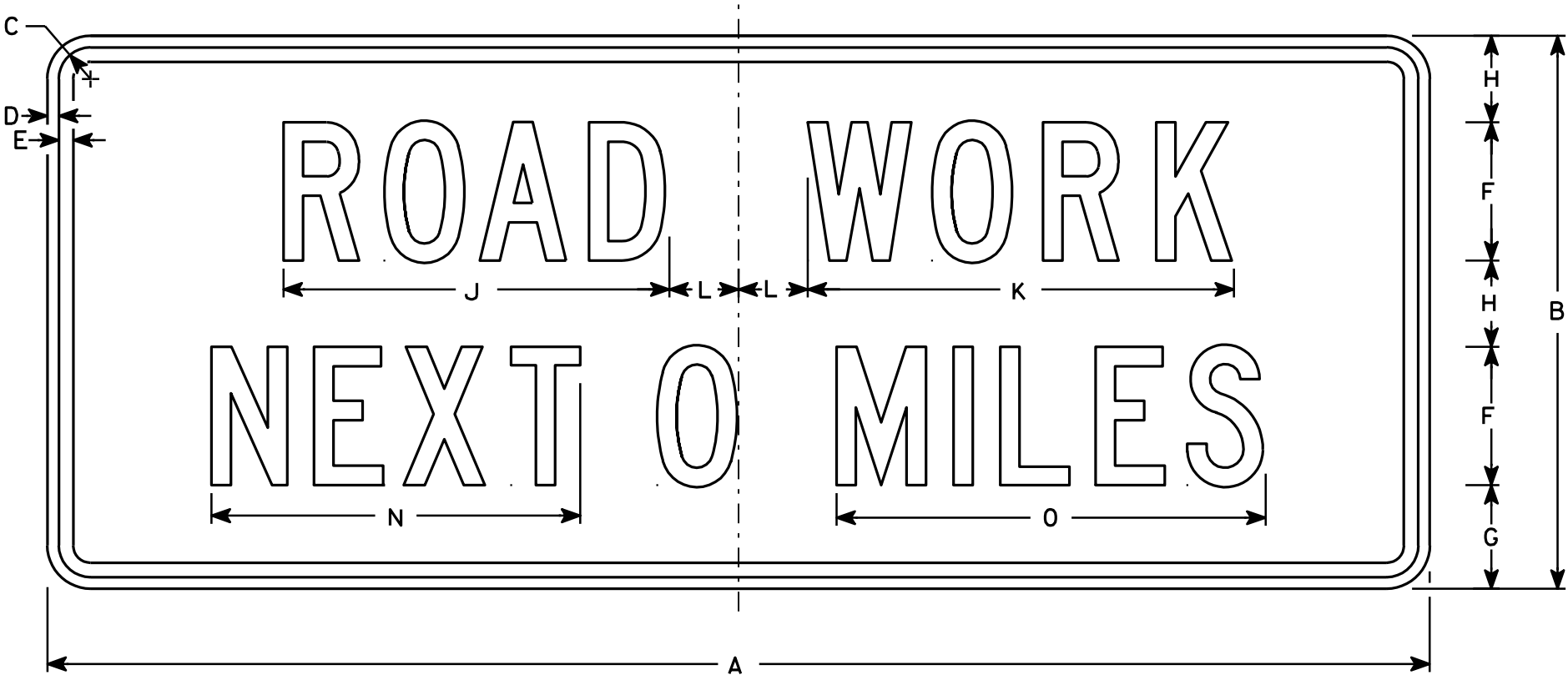
COUNTY:

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 - 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



G20-1

Metric equivalent
for this sign is:

SIZE	
1	
2	1500 mm X 600 mm
3	
4	1500 mm X 600 mm
5	

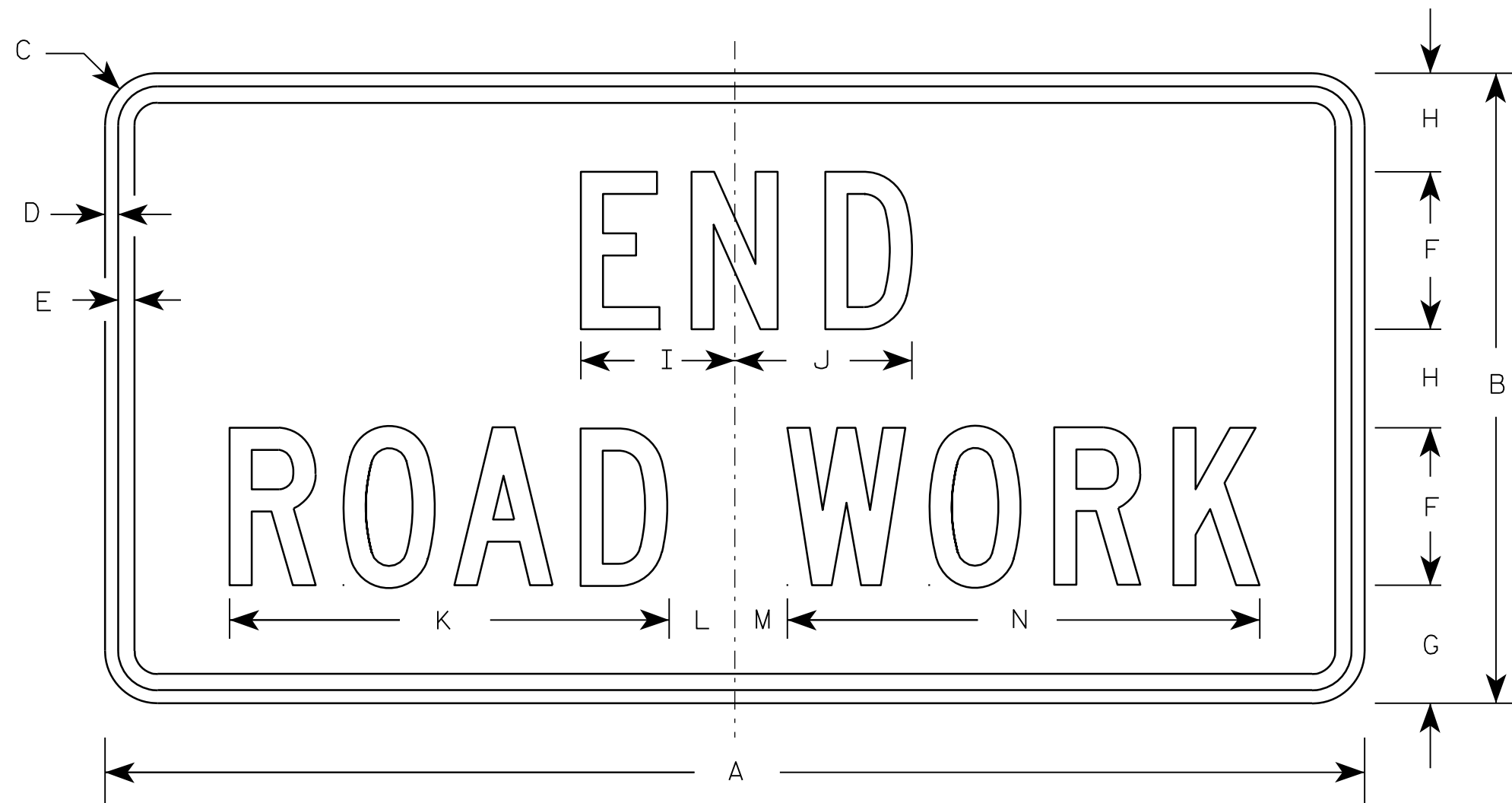
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m ²
1																												
2	60	24	1 3⁄8	1⁄2	5⁄8	6	4 1⁄2	3 3⁄4		16 3⁄4	18 1⁄2	3		16	18 5⁄8												10	.90
3																												
4	60	24	1 3⁄8	1⁄2	5⁄8	6	4 1⁄2	3 3⁄4		16 3⁄4	18 1⁄2	3		16	18 5⁄8												10	.90
5																												

STANDARD SIGN
G20-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Chris J. Spay
State Traffic Engineer
DATE 4/8/97 PLATE NO. G20-1.7

7



G20-2A

Metric equivalent
for this sign is:

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

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

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 - C
- 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

PROJECT NO:

HWY:

COUNTY:

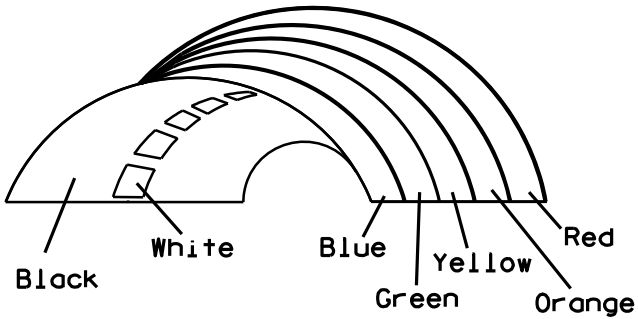
SHEET NO:

E



* 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:

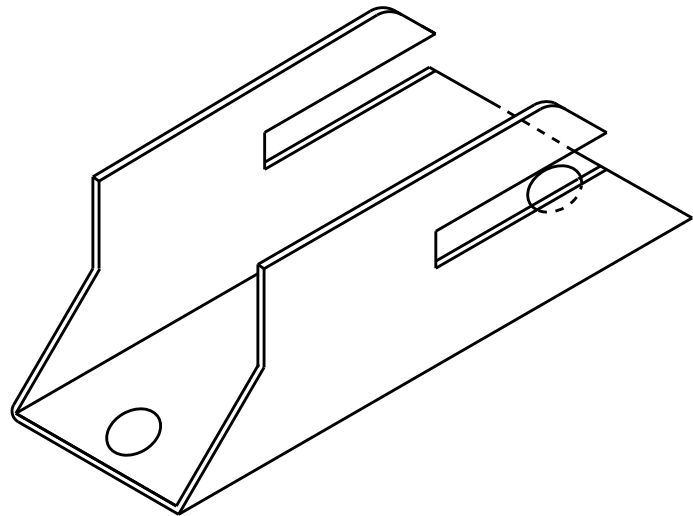
STANDARD SIGN
I55-56

WISCONSIN DEPT OF TRANSPORTATION

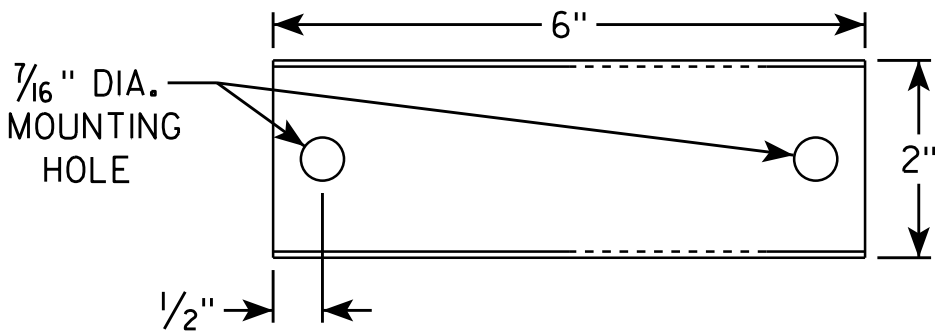
APPROVED
Matthew R. Rauch
For State Traffic Engineer

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

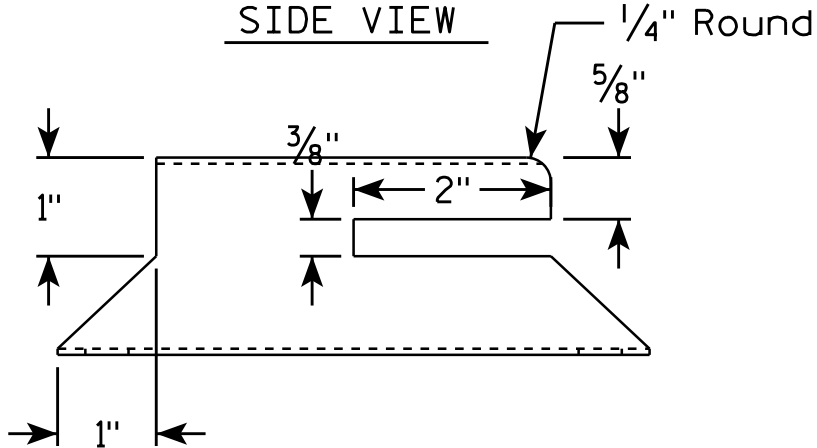
ISOMETRIC VIEW



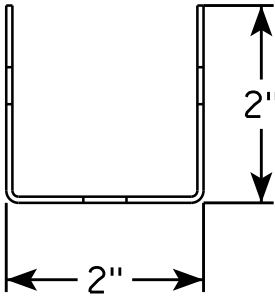
TOP VIEW



SIDE VIEW



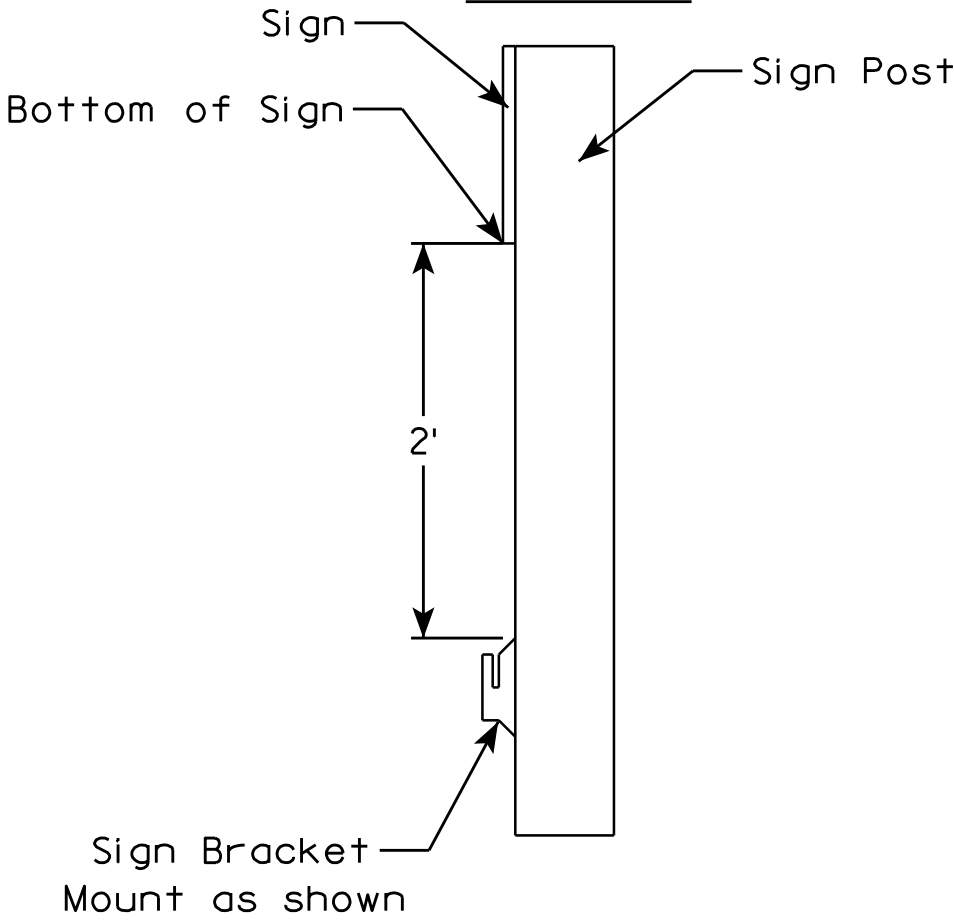
END VIEW



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.

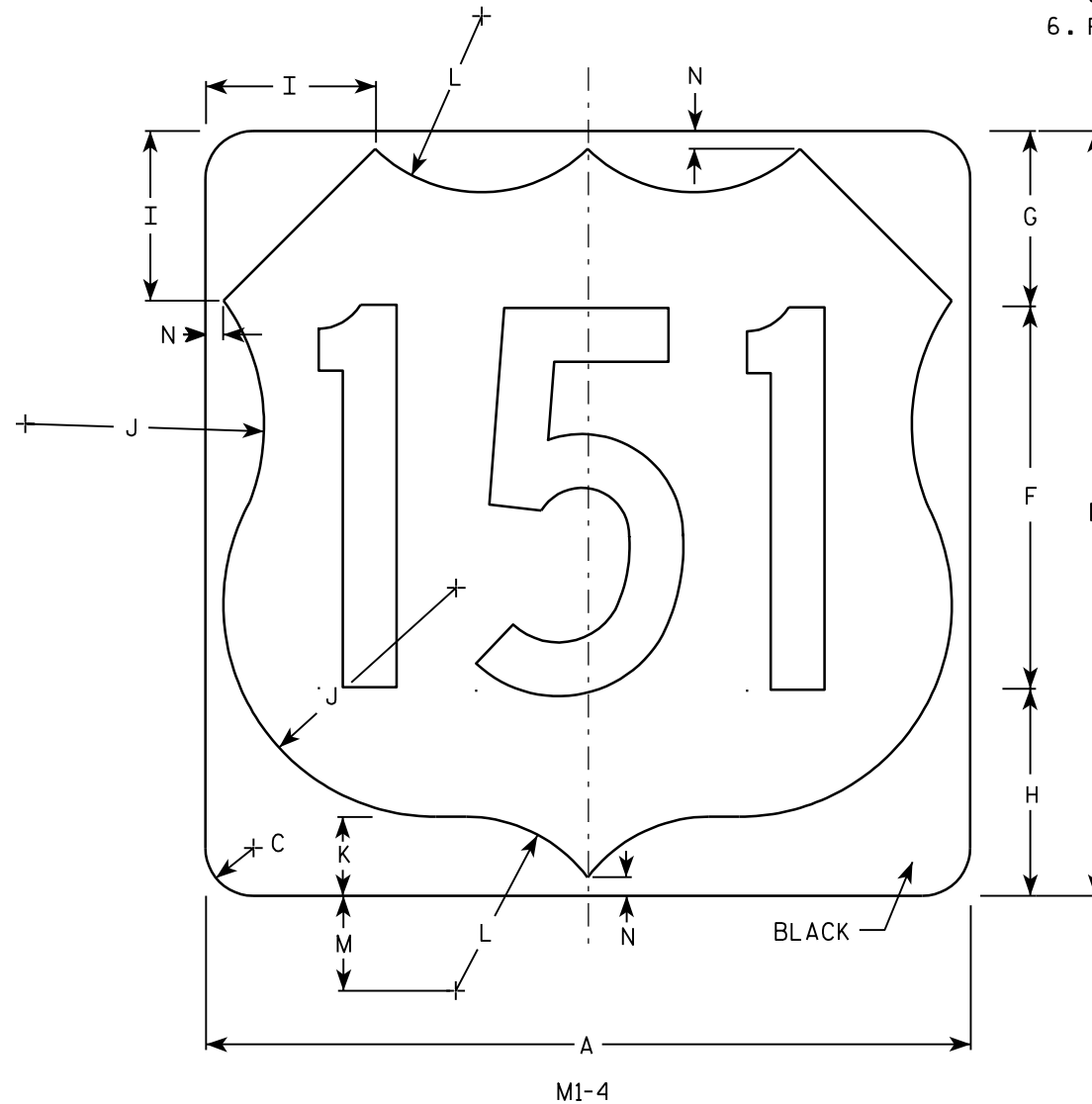
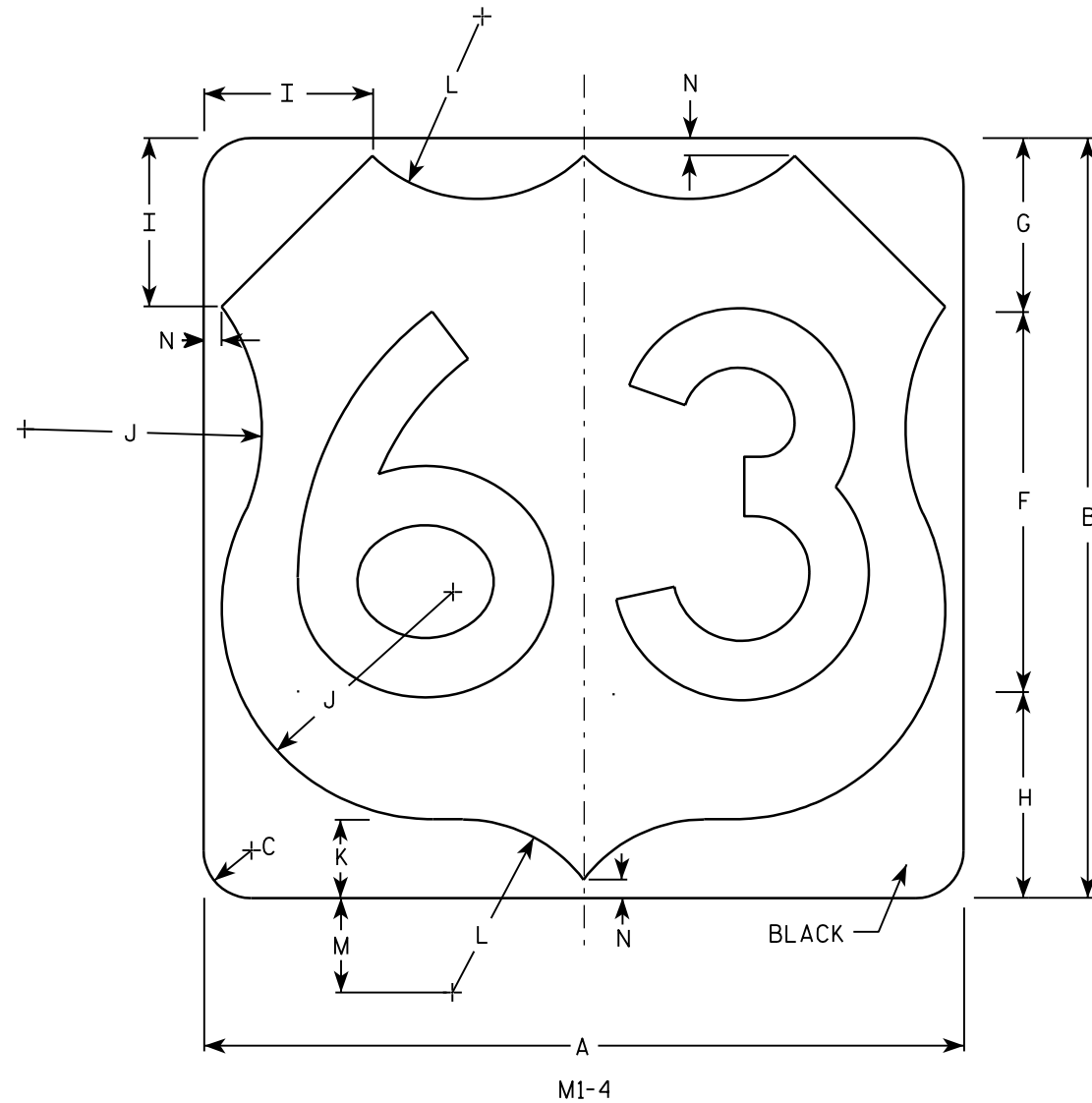
SIDE VIEW



ROLLUP SIGN BRACKET I55-56B	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> for State Traffic Engineer
DATE 4/26/16	PLATE NO. I55-56B.2

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 numerals and adjust
spacing as per Plate A10-1.
6. Permanent Signs
Background - Type H Reflective
Detour or other temporary signs
Background - Reflective



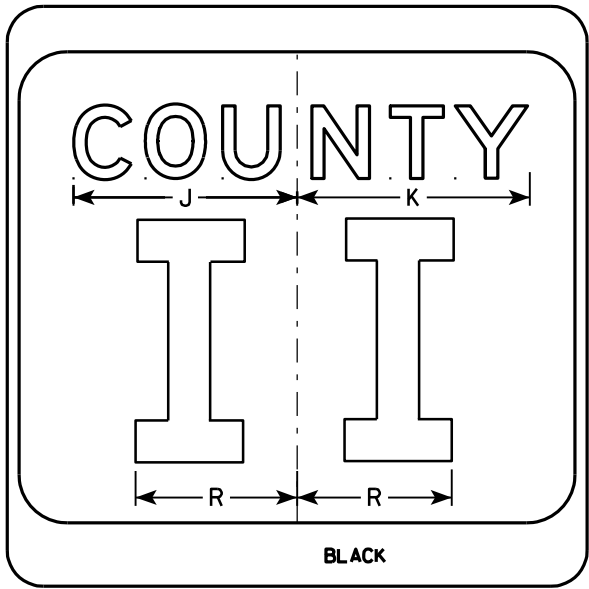
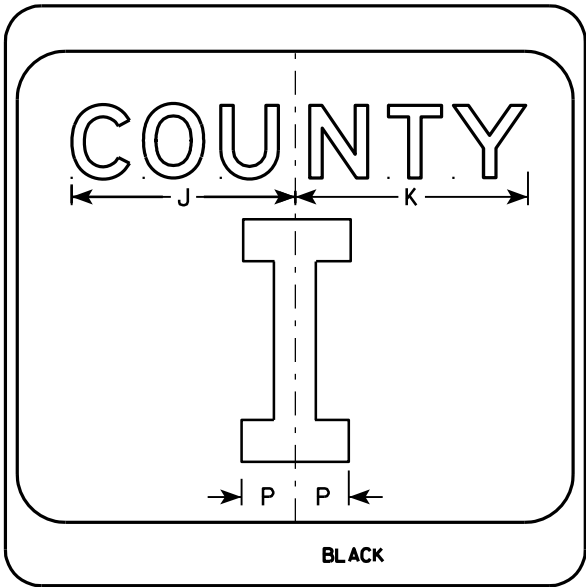
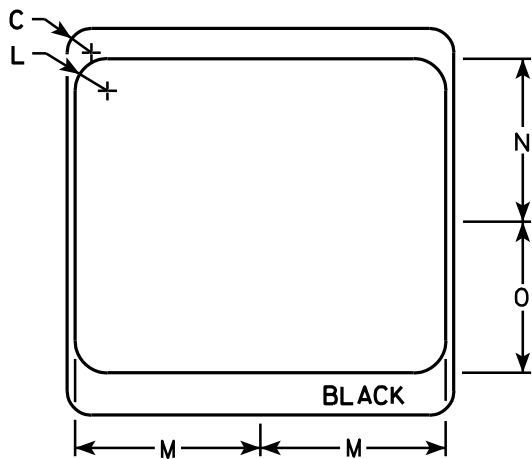
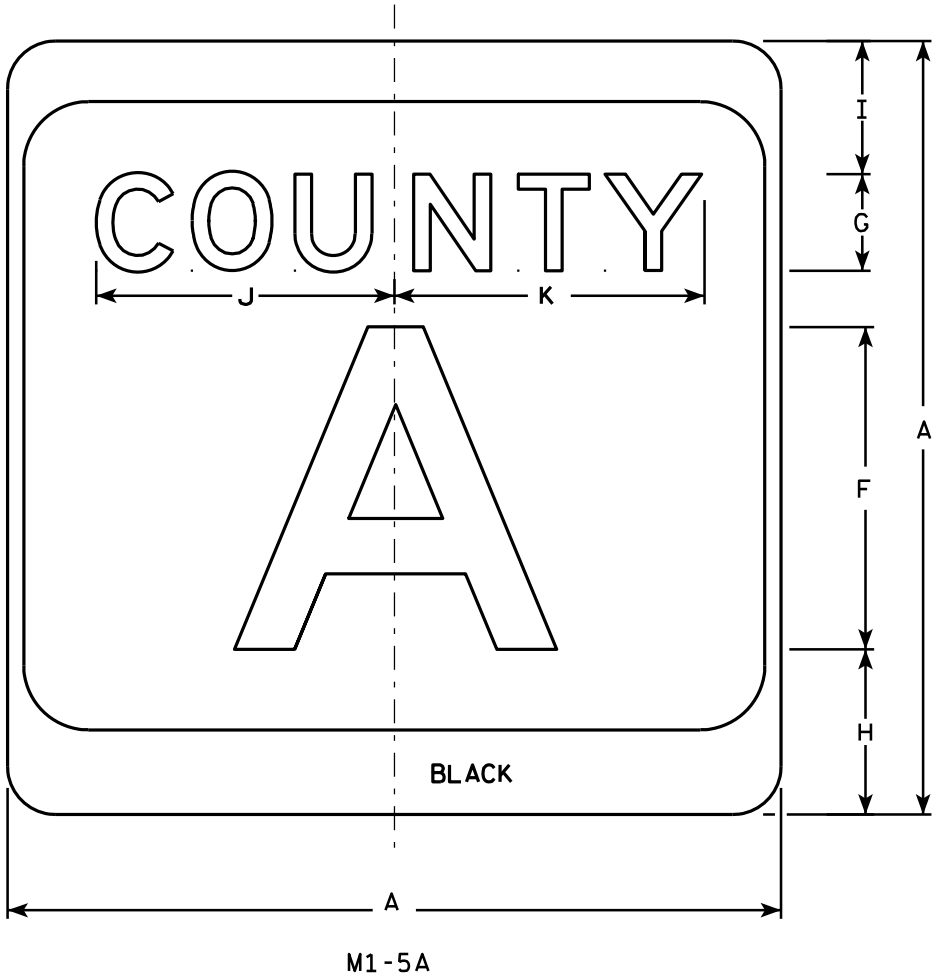
Metric equivalent
for this sign is:

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	Areq sq. ft.	Area m ²
1																												
2	24	24	1 1/2			12	5 1/2	6 1/2	5	7 1/2	2 1/2	5 1/2	3	1/2													4.0	.36
3	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81
4	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81
5	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E
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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

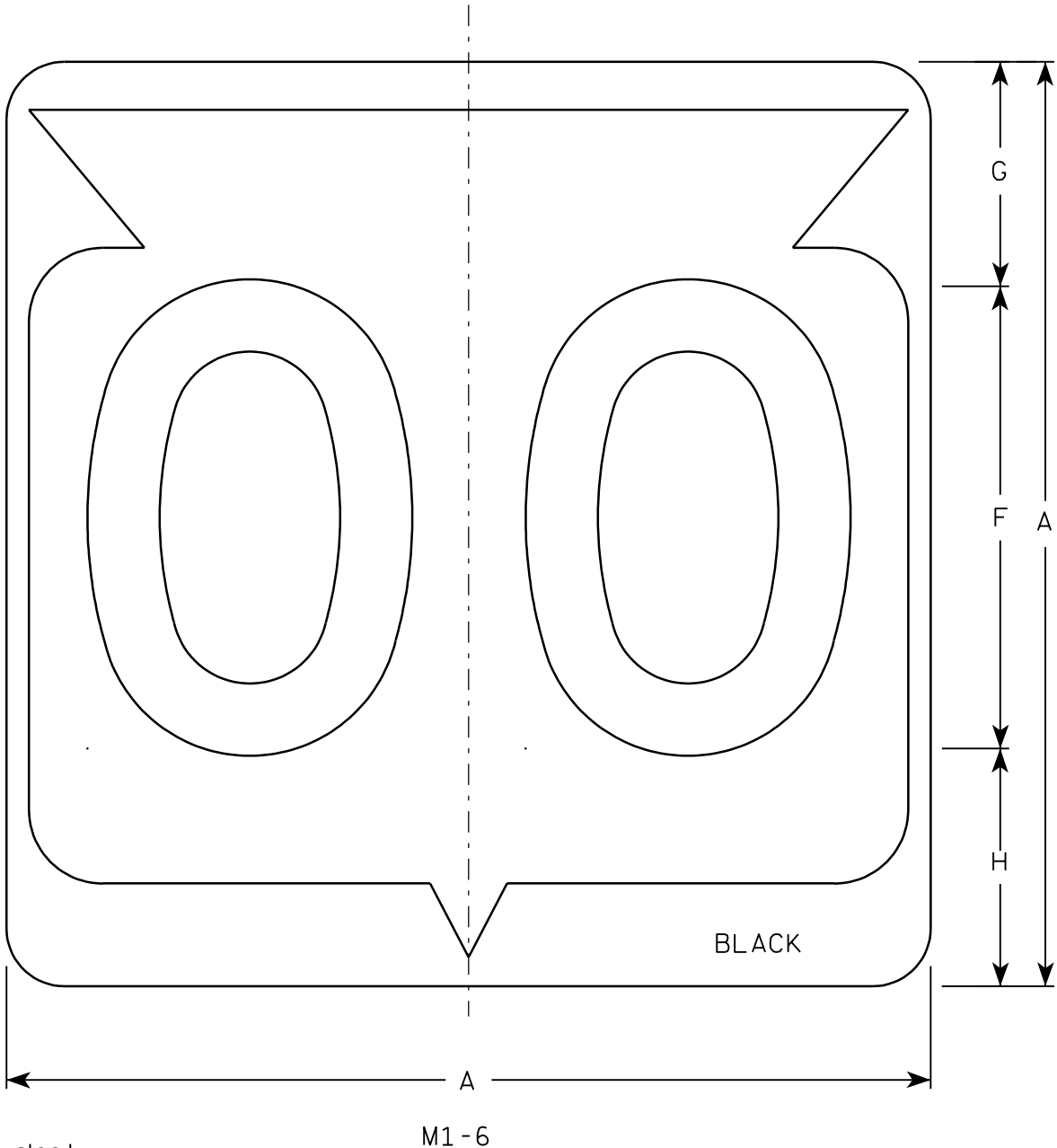
M1-5A FOR ASSEMBLIES

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:

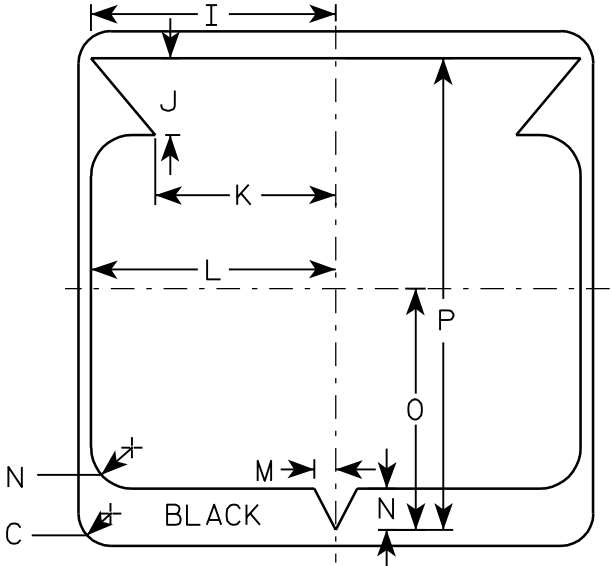
SIZE	
1	
2	600 mm X 600 mm
3	900 mm X 900 mm
4	900 mm X 900 mm
5	900 mm X 900 mm

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
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NOTES

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



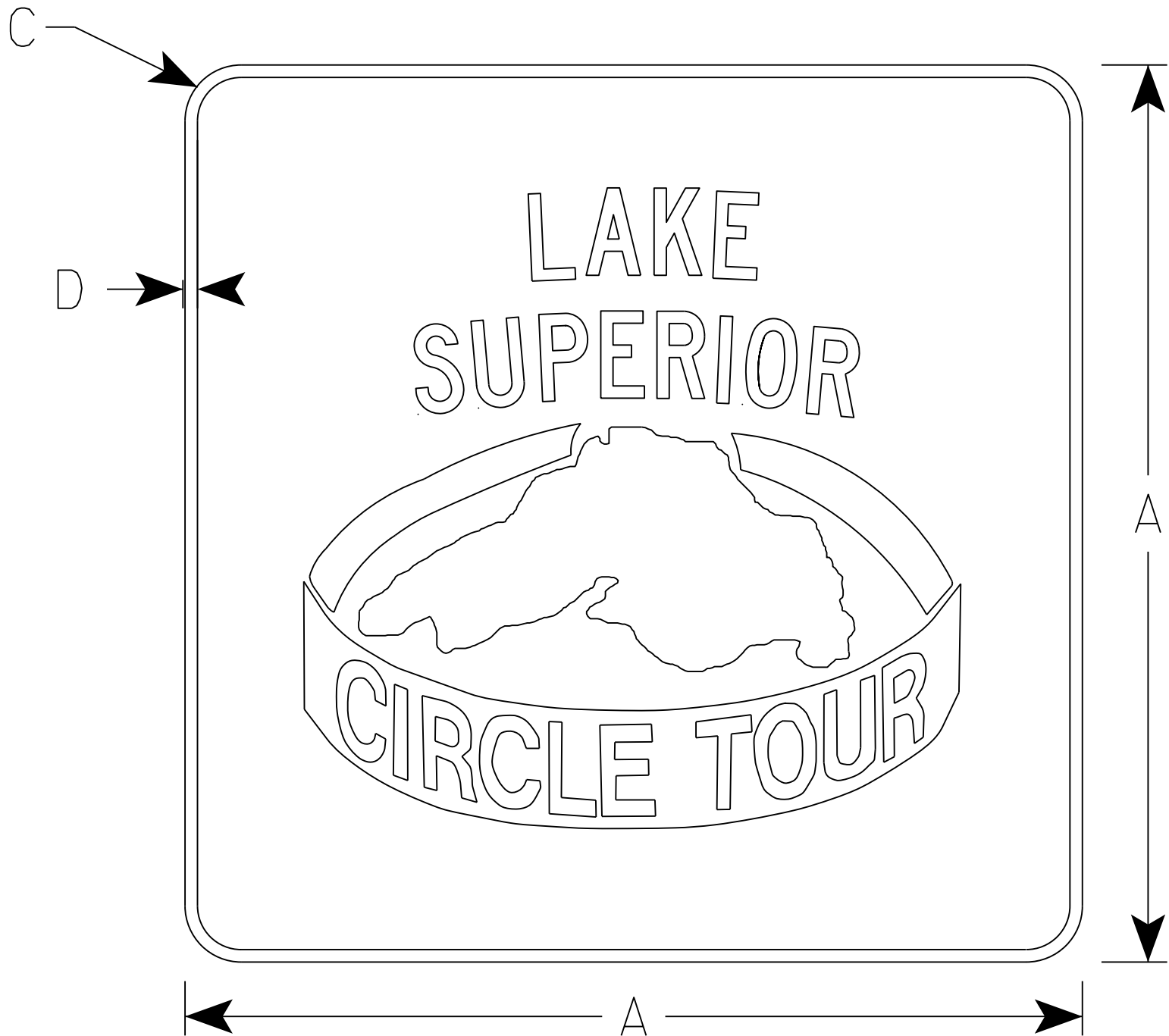
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED 
for State Traffic Engineer

DATE 3/20/02 PLATE NO. M1-6.9

7



NOTES

- 1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:
 - Background - Green
 - Message - White - Graphics - White
 - Circle Tour Message is Green
- 3. Message Series - Special
- 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.	Area m ²
1																												
2	24		1 1/8	1/2																							4.0	.36
3																												
4	36		1 5/8	3/4																							9.0	.81
5																												

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

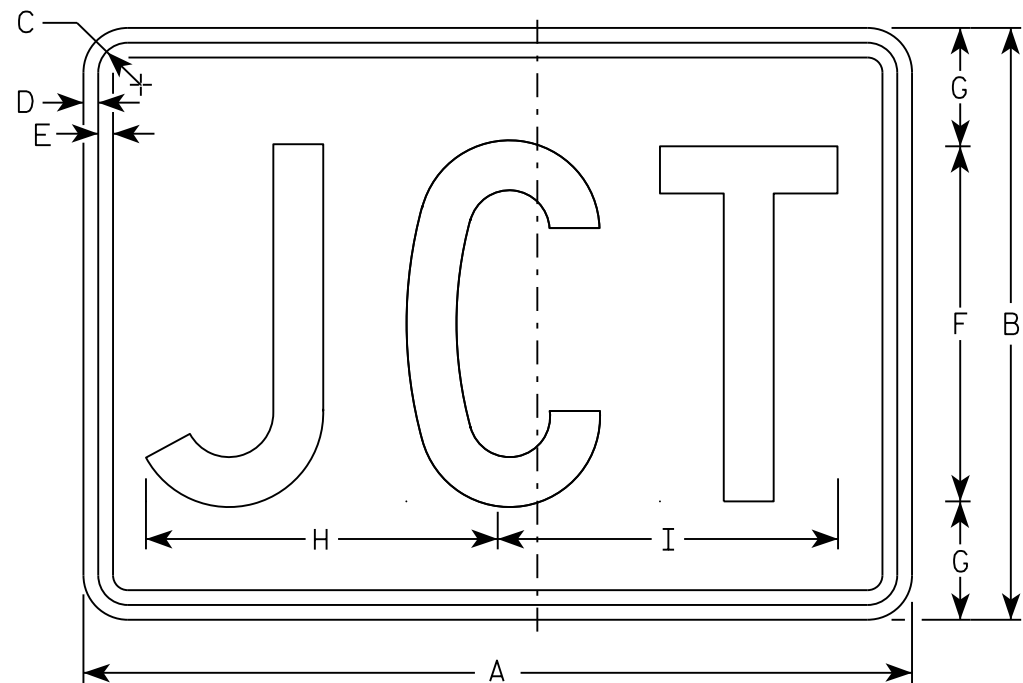
STANDARD SIGN

M1-91

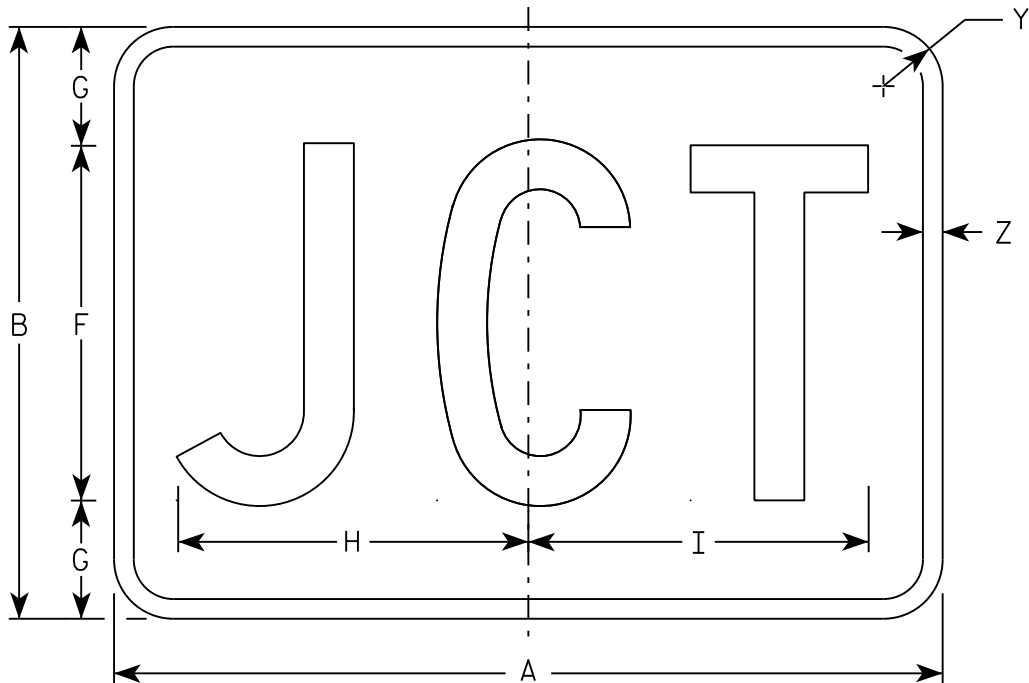
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 11/5/15 PLATE NO. M1-91.2



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

- 1. Sign is Type II - Type H
- 2. Color:
 - Background - See note 5
 - Message - See note 5
- 3. Message Series - C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. M2-1 Background - White
Message - Black
MB2-1 Background - Blue
Message - White
MK2-1 Background - Green
Message - White
MM2-1 Background - White
Message - Green
MN2-1 Background - Brown
Message - White
MP2-1 Background - White
Message - Blue
MR2-1 Background - Brown
Message - Yellow

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	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20
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
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
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

STANDARD SIGN

M2 - 1

WISCONSIN DEPT OF TRANSPORTATION

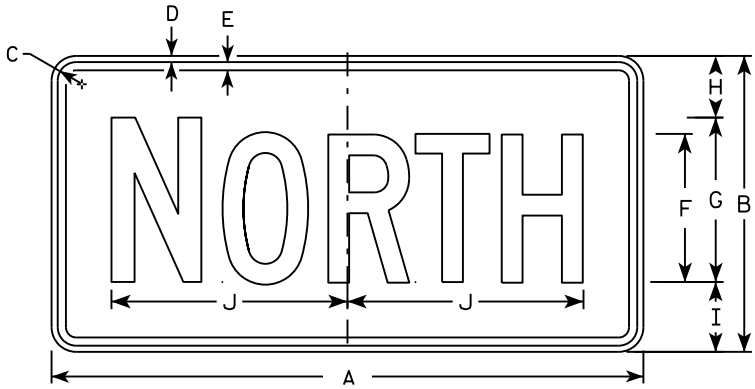
APPROVED

Matthew R. Rauch

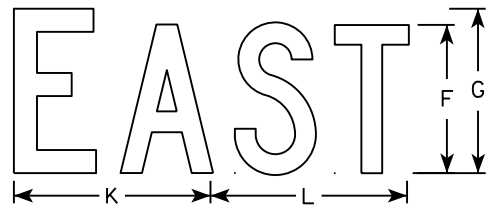
For State Traffic Engineer

DATE 10/15/15

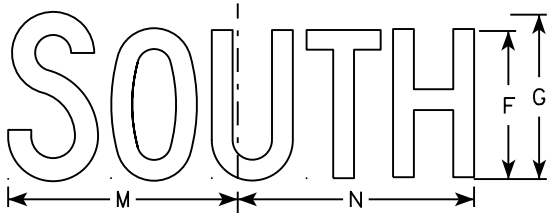
PLATE NO. M2-1.12



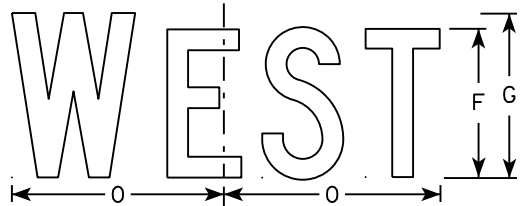
M3-1
MM3-1
MP3-1



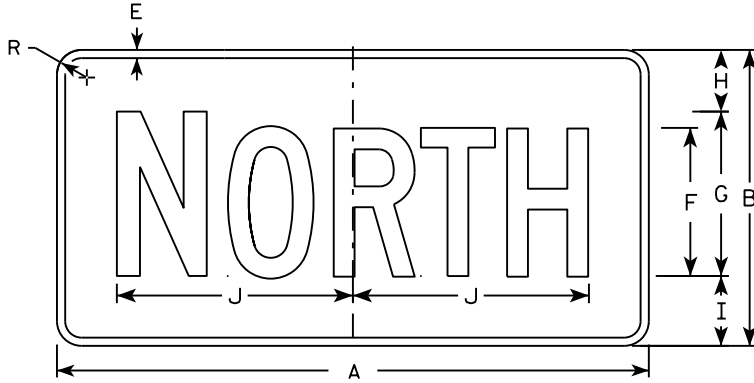
M3-2
MM3-2
MP3-2



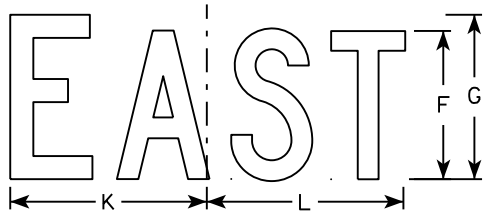
M3-3
MM3-3
MP3-3



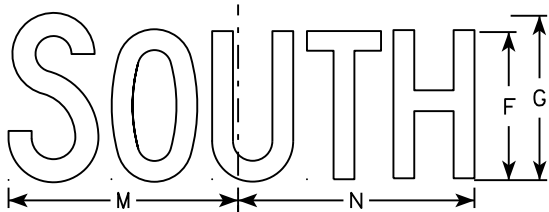
M3-4
MM3-4
MP3-4



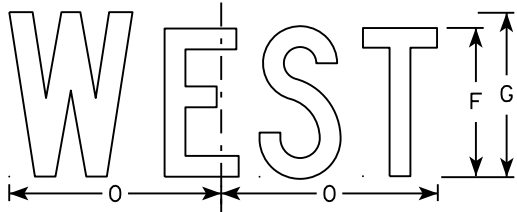
MB3-1
MK3-1
MN3-1



MB3-2
MK3-2
MN3-2



MB3-3
MK3-3
MN3-3



MB3-4
MK3-4
MN3-4

NOTES

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

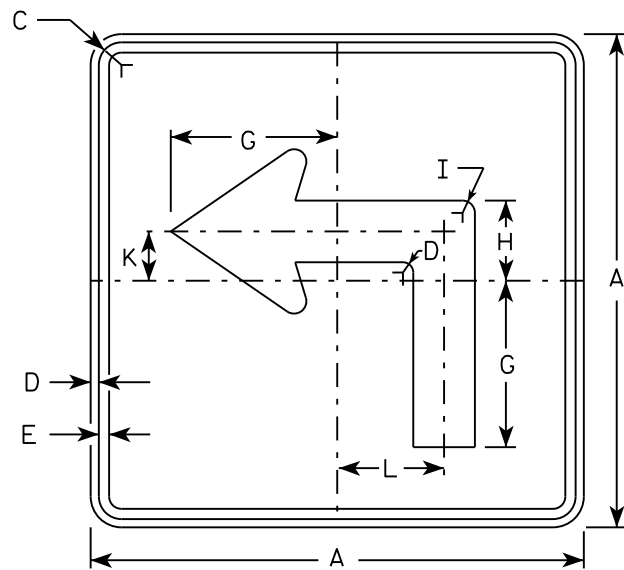
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8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

STANDARD SIGNS
M3-1 thru M3-4
SERIES

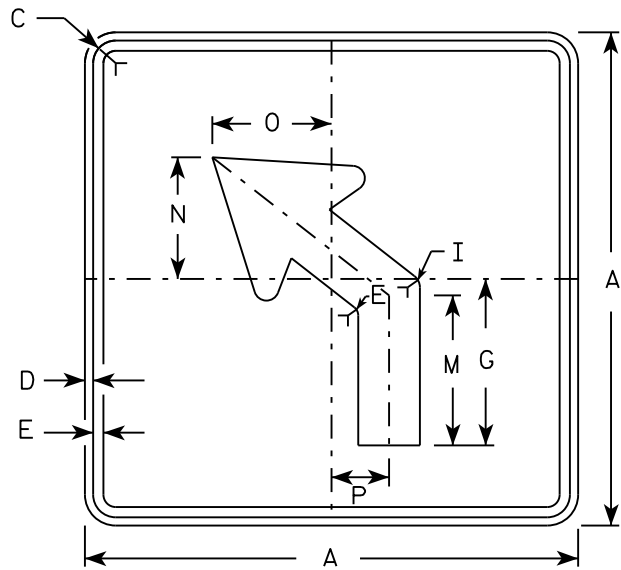
WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

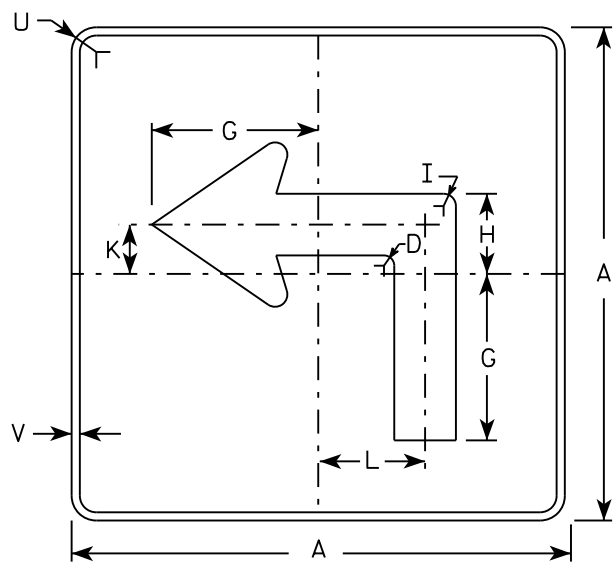
DATE 10/15/15 PLATE NO. M3-1.14



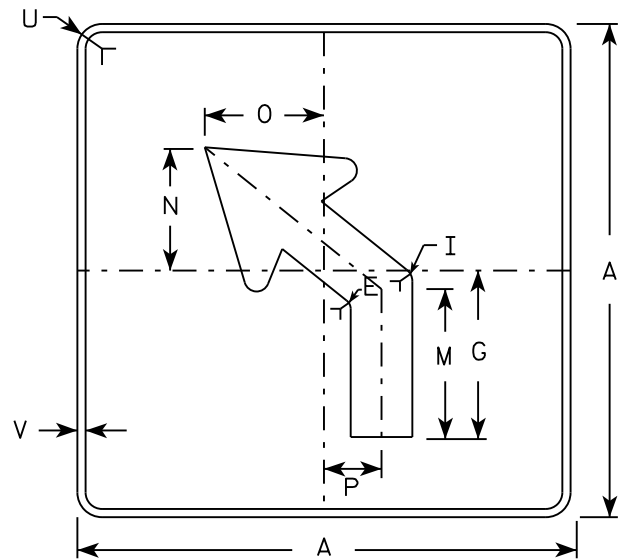
M5-1L
MM5-1L
M05-1L
MP5-1L



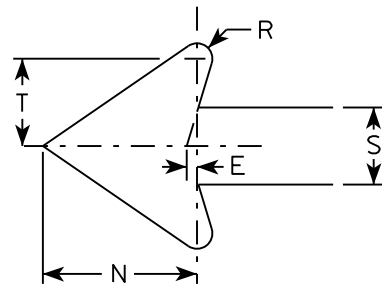
M5-2L
MM5-2L
M05-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L



MB5-2L
MK5-2L
MN5-2L
MR5-2L



NOTES

- Signs are Type II - Type H reflective except as shown
- 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 |
| | Message - Black |
| MB5-1 and MB5-2 | Background - Blue |
| | Message - White |
| MK5-1 and MK5-2 | Background - Green |
| | Message - White |
| MM5-1 and MM5-2 | Background - White |
| | Message - Green |
| MN5-1 and MN5-2 | Background - Brown |
| | Message - White |
| 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 |
- 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

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

STANDARD SIGN

M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

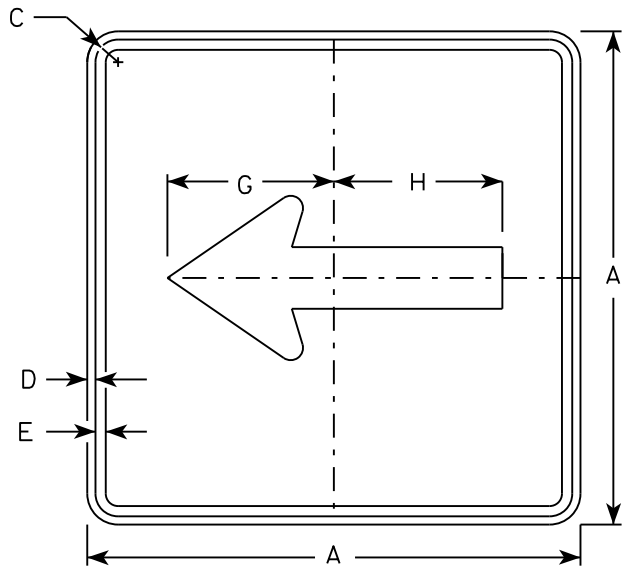
APPROVED

Matthew R. Rauch

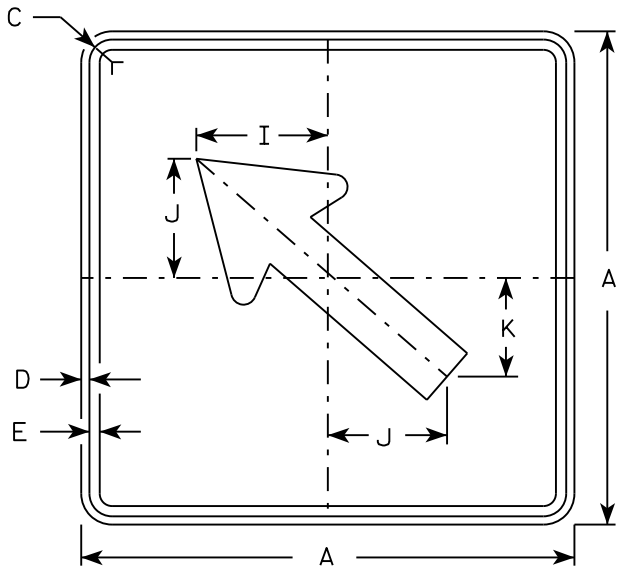
for State Traffic Engineer

DATE 10/15/15

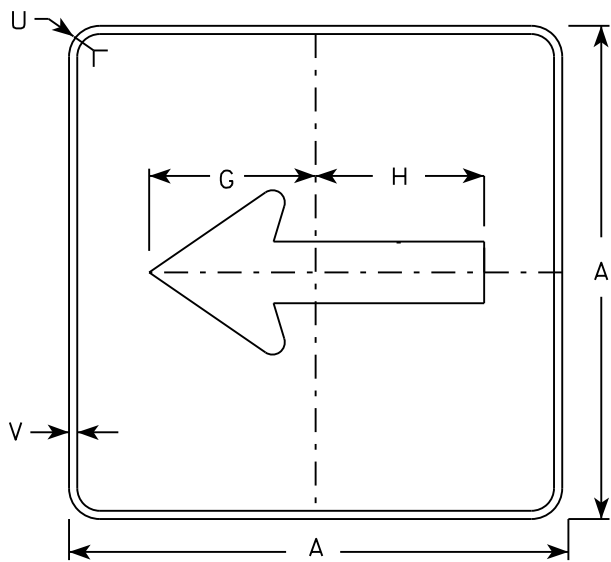
PLATE NO. M5-1.13



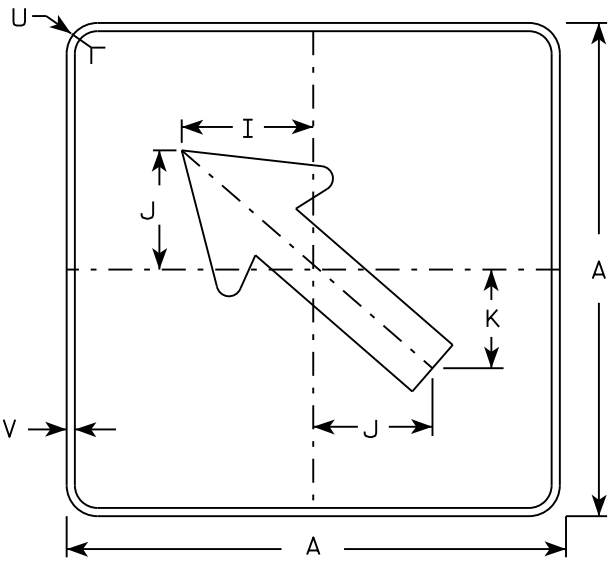
M6 - 1
MM6 - 1
M06 - 1
MP6 - 1



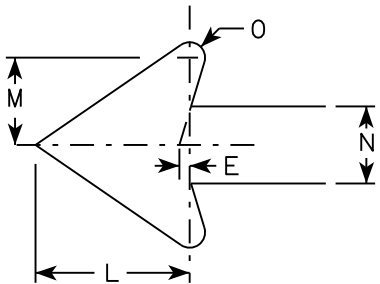
M6 - 2
MM6 - 2
M06 - 2
MP6 - 2



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



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



NOTES

- Signs are Type II - Type H except as Shown
- 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
Message - Black
MB6-1 and MB6-2 Background - Blue
Message - White
MK6-1 and MK6-2 Background - Green
Message - White
MM6-1 and MM6-2 Background - White
Message - Green
MN6-1 and MN6-2 Background - Brown
Message - White
M06-1 and M06-2 Background - Orange - Type F Reflective
Message - Black
MP6-1 and MP6-2 Background - White
Message - Blue
MR6-1 and MR6-2 Background - Brown
Message - Yellow

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

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

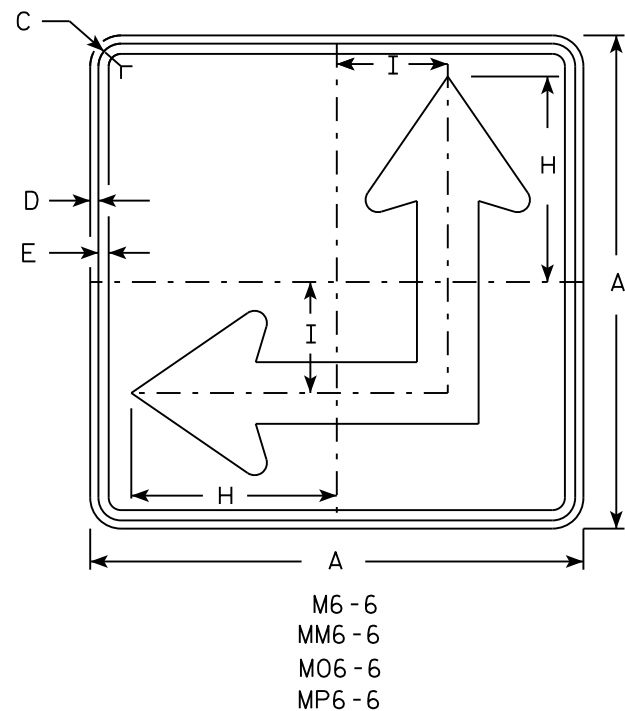
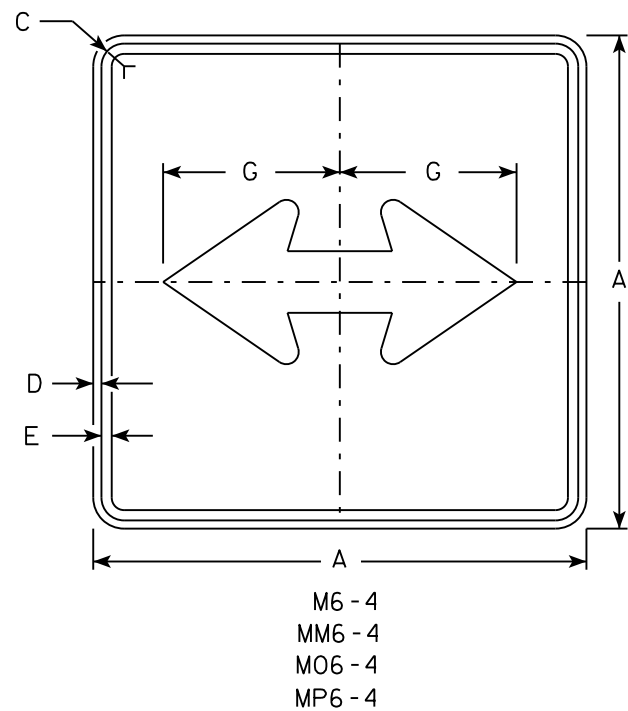
E

STANDARD SIGN
M6 - 1 & M6 - 2
SERIES

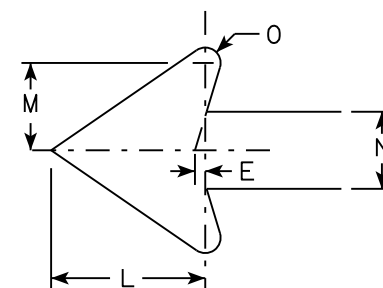
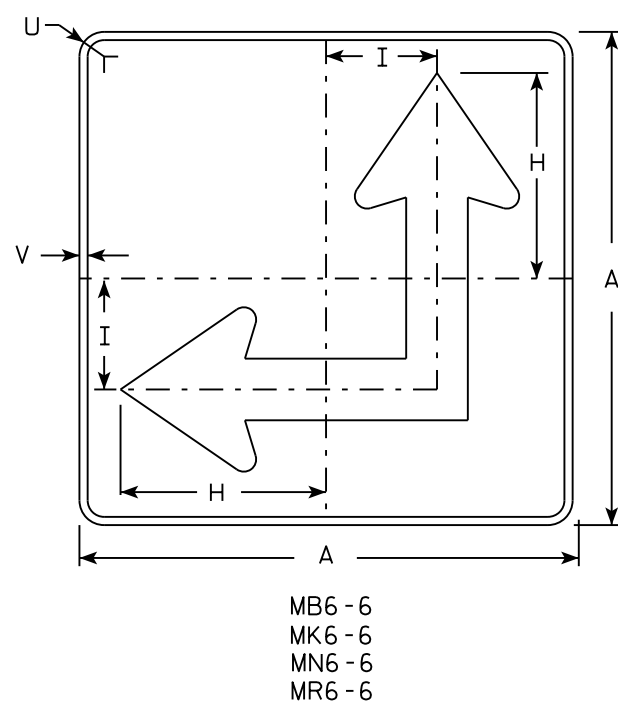
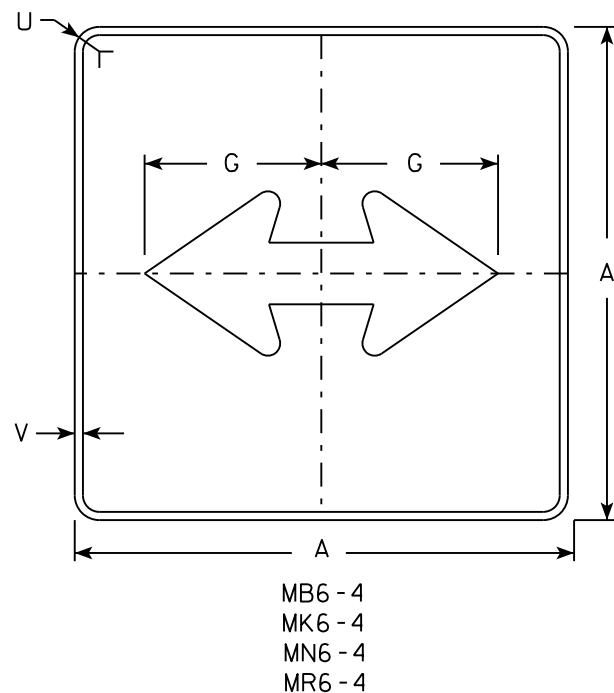
WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE NO. M6-1.15



- NOTES
- Signs are Type II - Type H except as Shown
 - 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
Message - Black
MB6-4 and MB6-6 Background - Blue
Message - White
MK6-4 and MK6-6 Background - Green
Message - White
MM6-4 and MM6-6 Background - White
Message - Green
MN6-4 and MN6-6 Background - Brown
Message - White
M06-4 and M06-6 Background - Orange - Type F Reflective
Message - Black
MP6-4 and MP6-6 Background - White
Message - Blue
MR6-4 and MR6-6 Background - Brown
Message - Yellow
 - 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

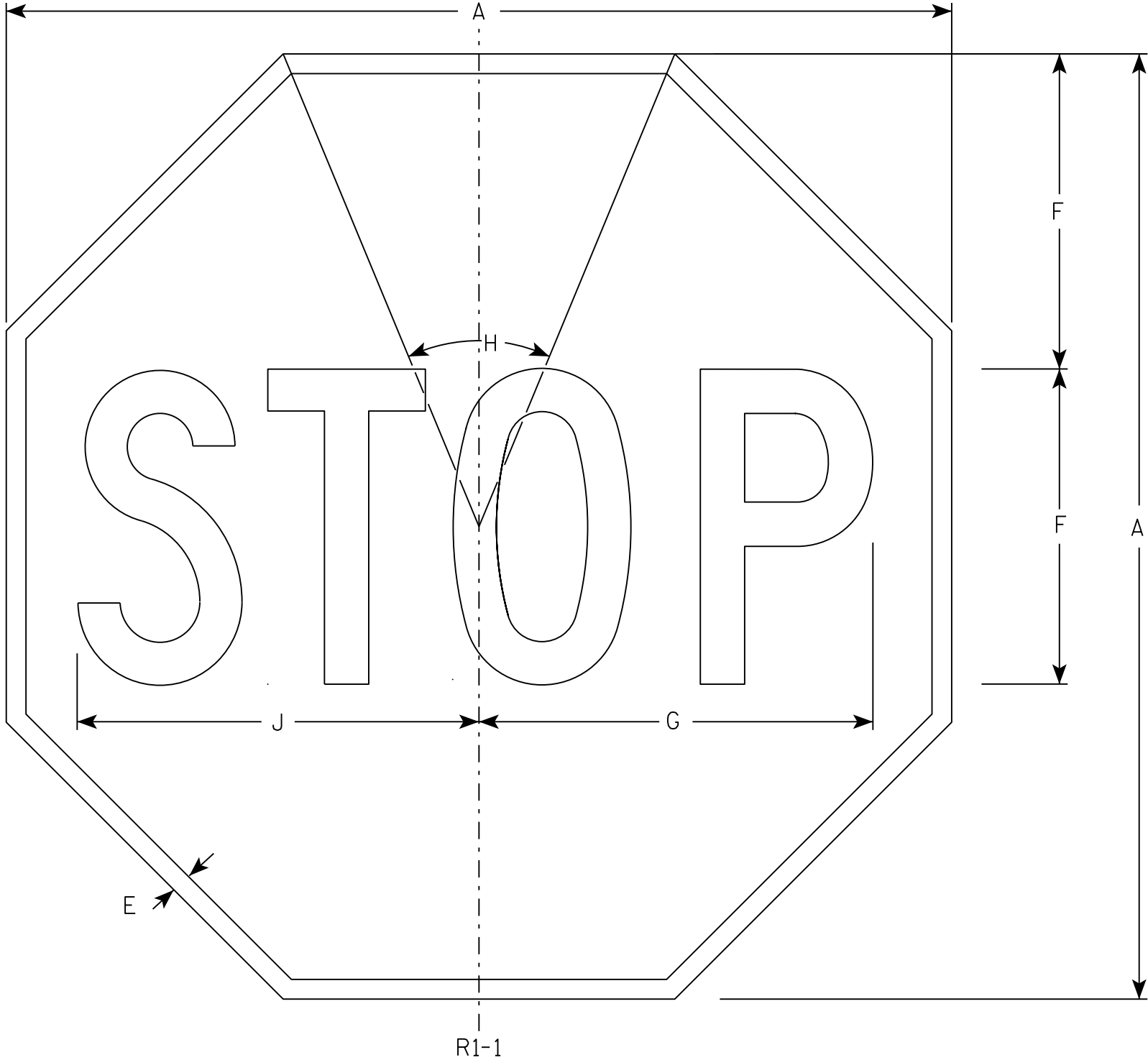
STANDARD SIGN
M6 - 4 & M6 - 6
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

DATE 10/15/15

PLATE NO. M6-4.10



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

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				5/8	10	12 1/2	45°		12 3/4																	5.18
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

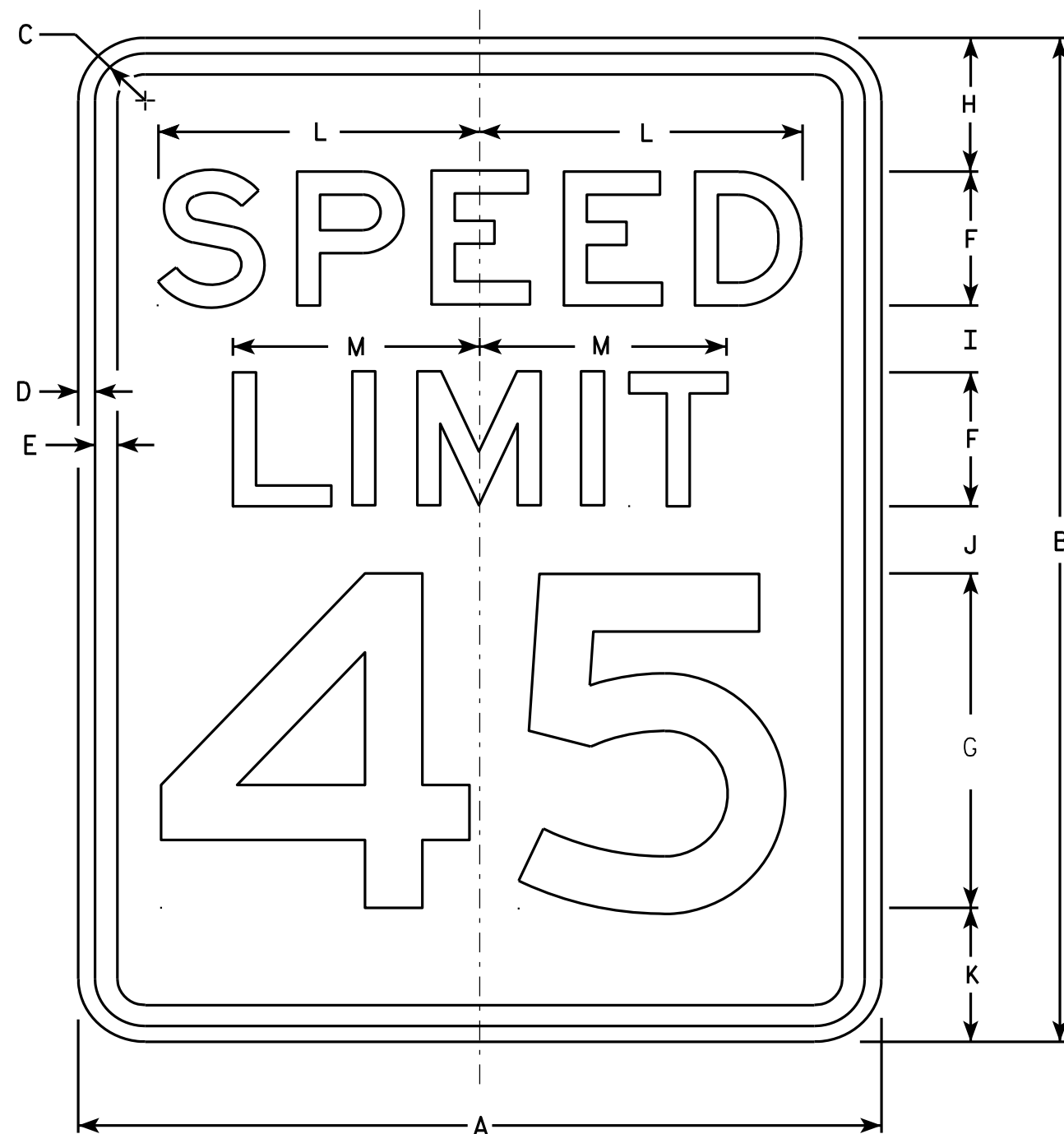
STANDARD SIGN

R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13



R2-1

NOTES

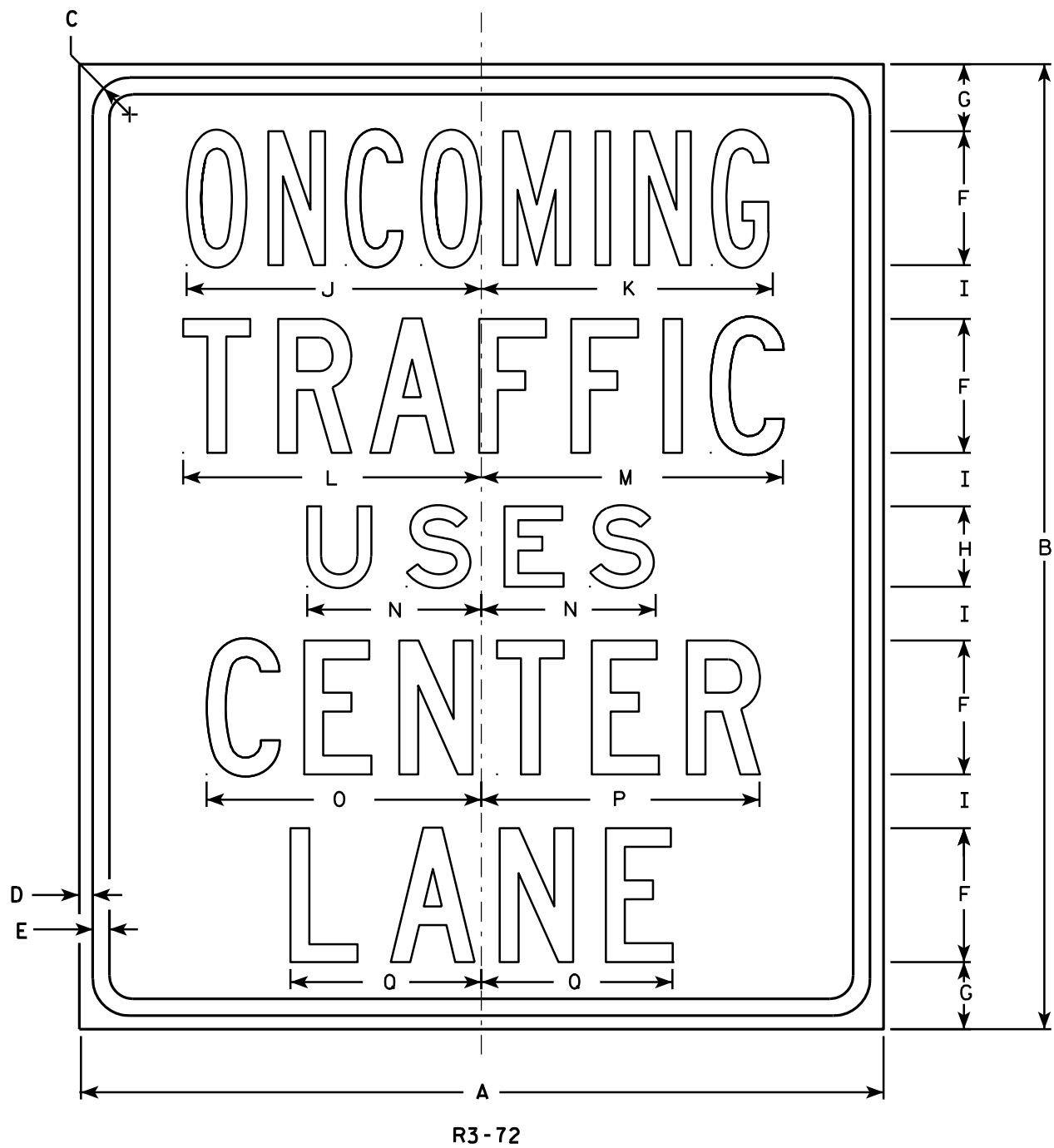
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - White
Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as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

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 - White
Message - Black
3. Message Series - Line 1 is Series B, Lines 2, 4 and 5 are Series C, and Line 3 is 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.

R3-72

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	36	1 3/8	1/2	5/8	5	2 1/2	3	2	11	10 7/8	11 1/8	11 1/4	6 1/2	10 1/4	10 3/8	7 1/8										7.50
2S	30	36	1 3/8	1/2	5/8	5	2 1/2	3	2	11	10 7/8	11 1/8	11 1/4	6 1/2	10 1/4	10 3/8	7 1/8										7.50
2M	30	36	1 3/8	1/2	5/8	5	2 1/2	3	2	11	10 7/8	11 1/8	11 1/4	6 1/2	10 1/4	10 3/8	7 1/8										7.50
3																											
4																											
5																											

STANDARD SIGN R3-72

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R3-72.5

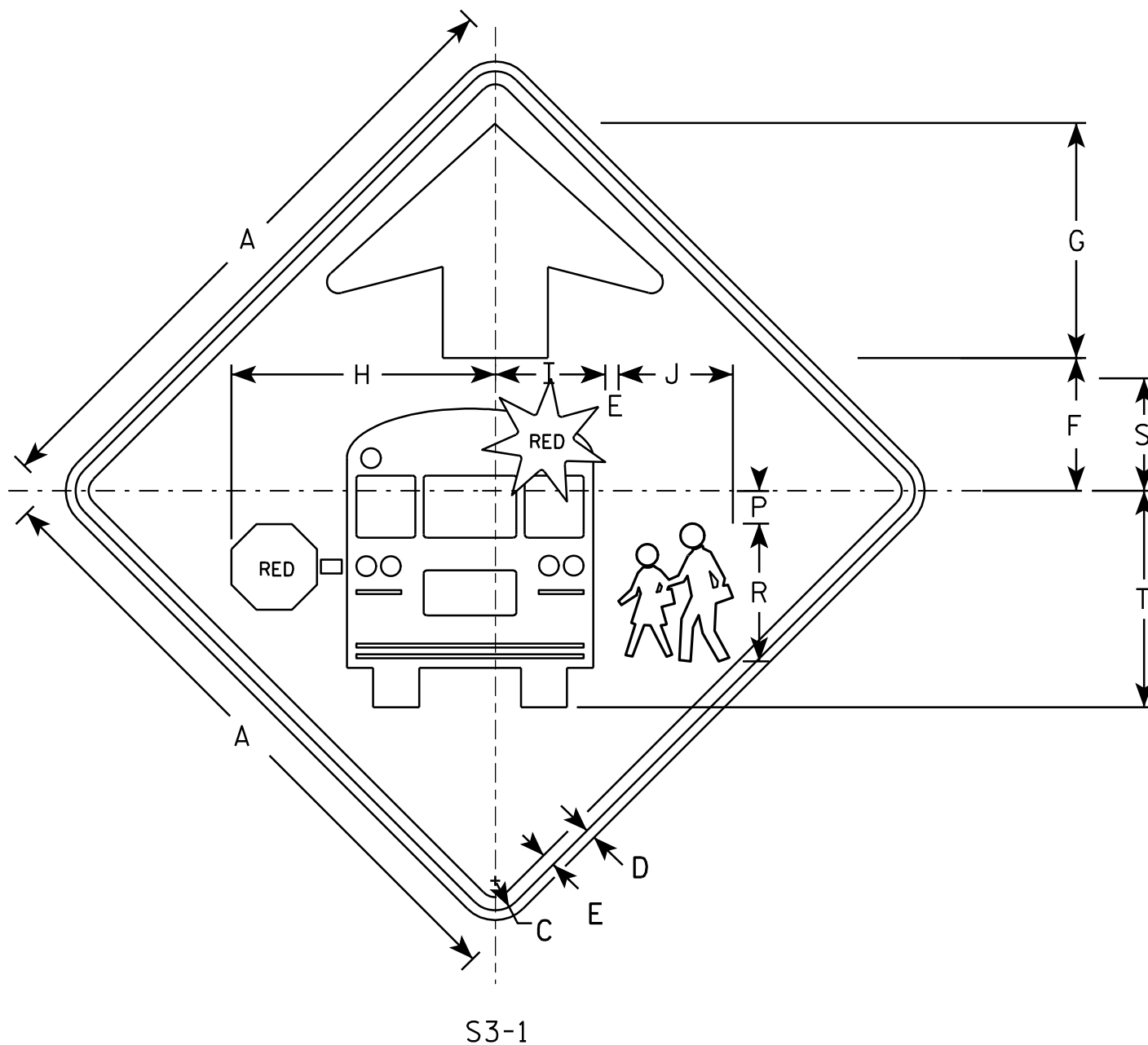
PROJECT NO:

HWY:

COUNTY:

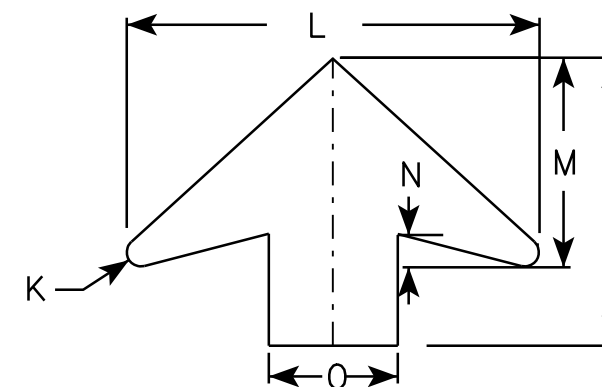
SHEET NO:

E

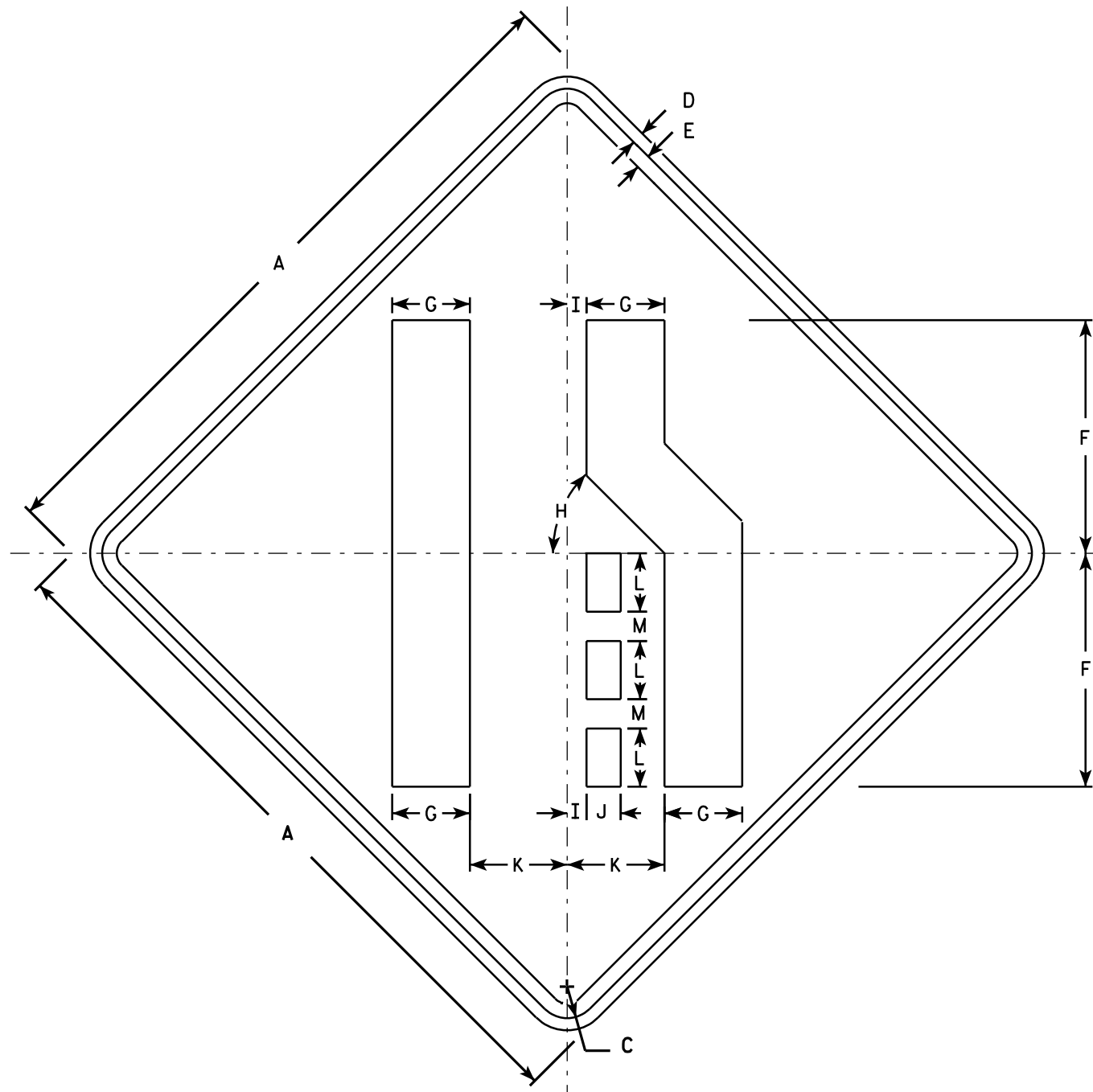


NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
 - Background - YELLOW-GREEN
 - Message - BLACK except as noted
 - Circles except PEDS- RED BACKGROUND
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.

[illegible]

STANDARD SIGN	
S3-1	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<u>Matthew R. Rauch</u> for State Traffic Engineer
DATE <u>6/8/10</u>	PLATE NO. <u>S3-16</u>



W4-2R

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. W4-2L is the same as W4-2R except the symbols is reversed along the vertical centerline.

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	10	3 3⁄8	45°	7⁄8	1 1⁄2	4 1⁄4	2 1⁄2	1 1⁄4														6.25
2S	36		1 5⁄8	5⁄8	3⁄4	12	4	45°	1	1 3⁄4	5	3	1 1⁄2														9.0
2M	36		1 5⁄8	5⁄8	3⁄4	12	4	45°	1	1 3⁄4	5	3	1 1⁄2														9.0
3	36		1 5⁄8	5⁄8	3⁄4	12	4	45°	1	1 3⁄4	5	3	1 1⁄2														9.0
4	48		2 1⁄4	3⁄4	1	16	5 3⁄8	45°	1 1⁄4	2 3⁄8	6 3⁄4	4	2														16.0
5	48		2 1⁄4	3⁄4	1	16	5 3⁄8	45°	1 1⁄4	2 3⁄8	6 3⁄4	4	2														16.0

STANDARD SIGN W4-2

WISCONSIN DEPT OF TRANSPORTATION

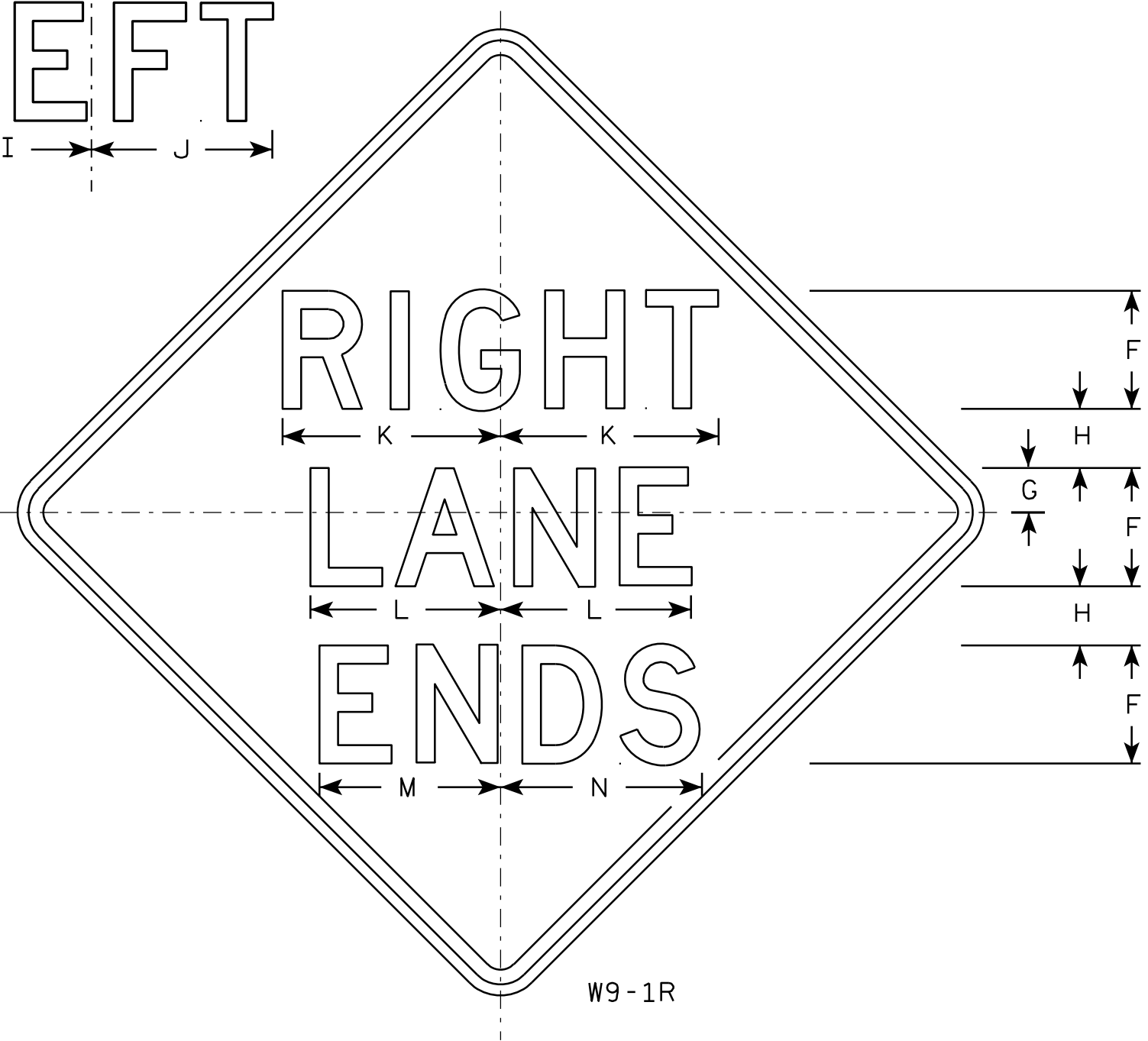
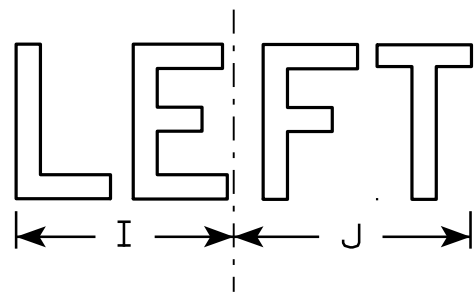
APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 3/12/13 PLATE NO. W4-2.14

PROJECT NO:

SHEET NO:

E



W9-1R

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 - 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. W9-1L same as W9-1R except the word Left replaces Right.

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 ³ / ₈	1/2	⁵ / ₈	5	1 1/2	2 1/2	7 1/8	7 5/8	9 1/4	8 1/8	7 5/8	8 5/8													6.25
2S	36		1 ⁵ / ₈	⁵ / ₈	³ / ₄	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
2M	36		1 ⁵ / ₈	⁵ / ₈	³ / ₄	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
3	36		1 ⁵ / ₈	⁵ / ₈	³ / ₄	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
4	36		1 ⁵ / ₈	⁵ / ₈	³ / ₄	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
5	48		2 1/4	³ / ₄	1	8	3	4	11 1/4	12 1/4	14 3/4	12 7/8	12 1/4	13 5/8													16.0

PROJECT NO:

SHEET NO:

E

STANDARD SIGN

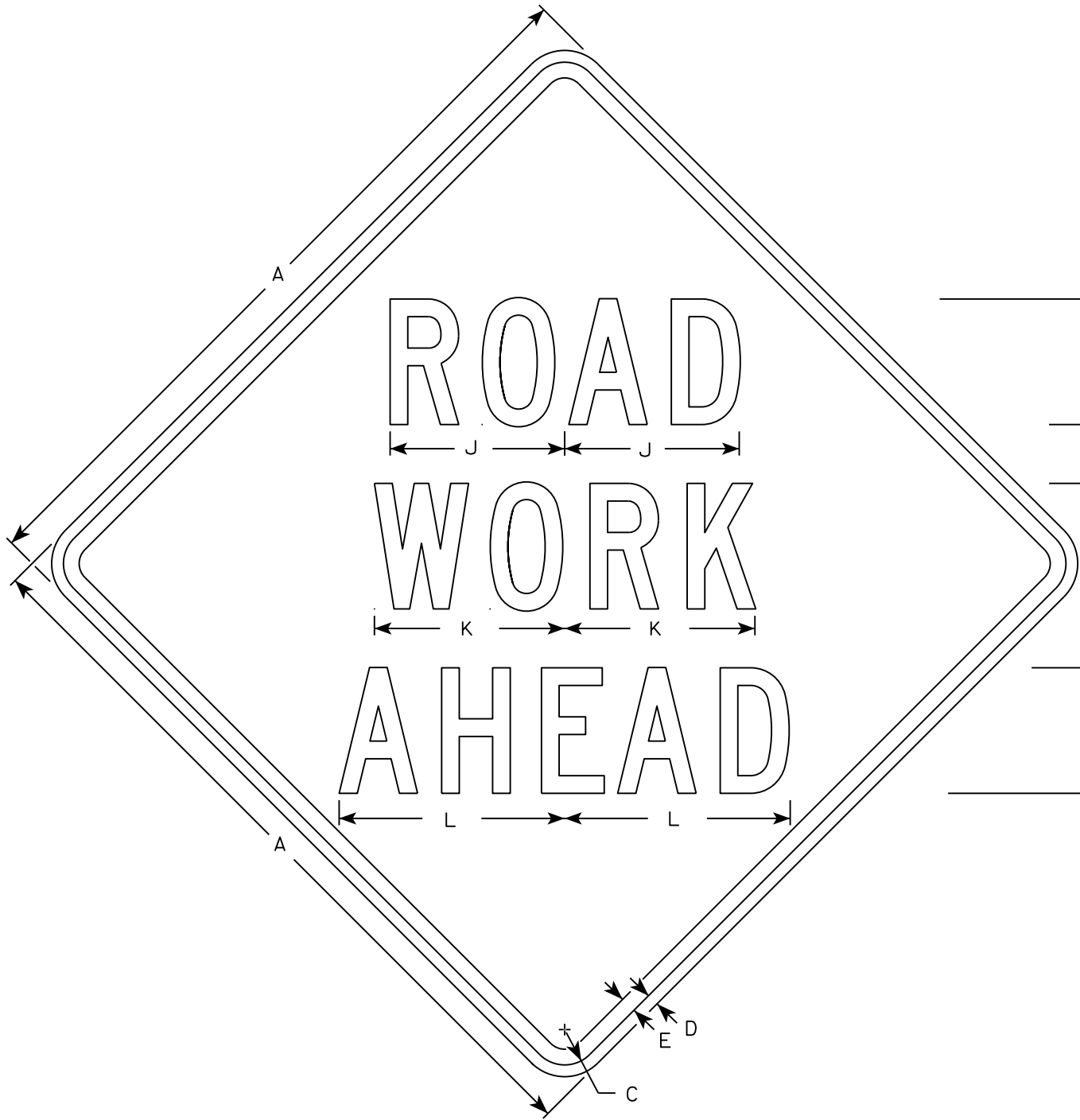
W9-1

WISCONSIN DEPT OF TRANSPORTATION

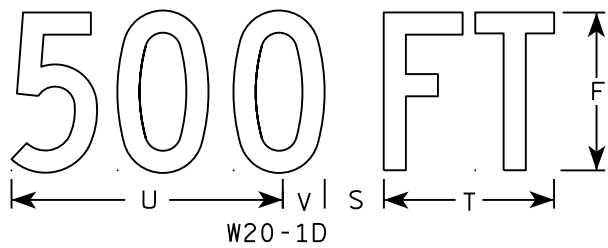
APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 03/18/13

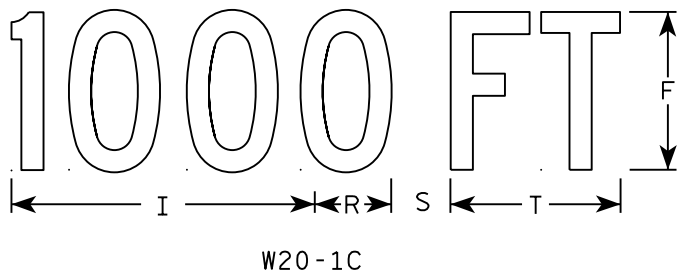
PLATE NO. W9-1.8



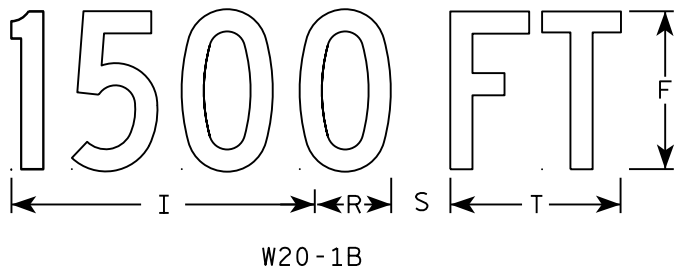
W20-1A



W20-1D



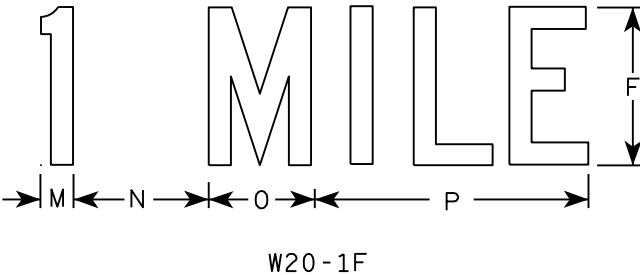
W20-1C



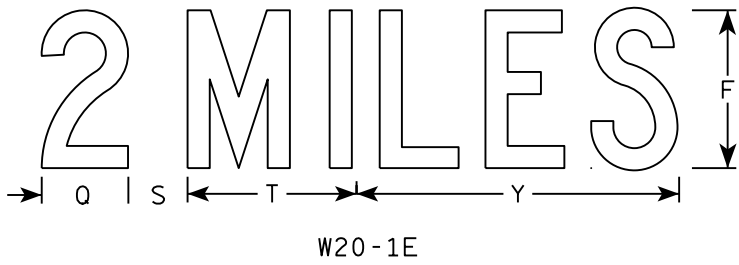
W20-1B



W20-1G



W20-1F



W20-1E

NOTES

- 1. Sign is Type II - Type F Reflective
- 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.

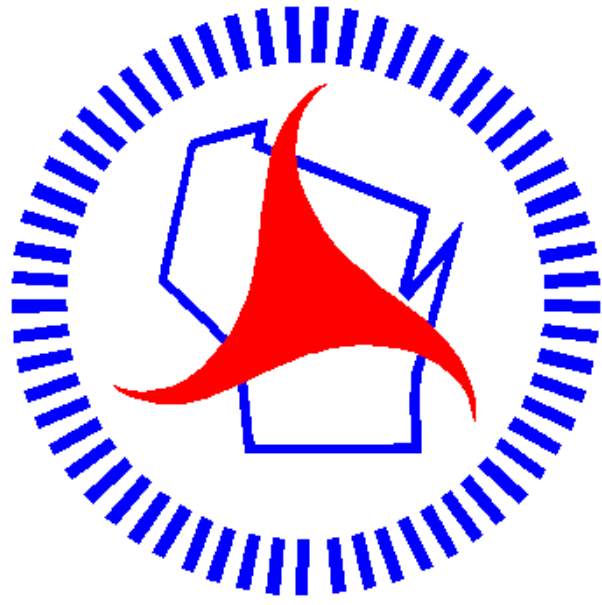
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 3/8	1/2	5/8	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9		2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13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

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

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 5/07/15 PLATE NO. W20-1.10



Wisconsin Department of Transportation

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