

RHI

NOVEMBER 2016

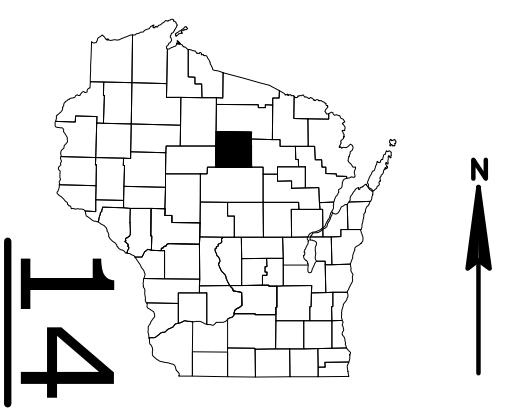
PROJECT ID: 9030-03-70

COUNTY: LINCOLN

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 = 78



DESIGN DESIGNATION

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

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

MERRILL - RHINELANDER

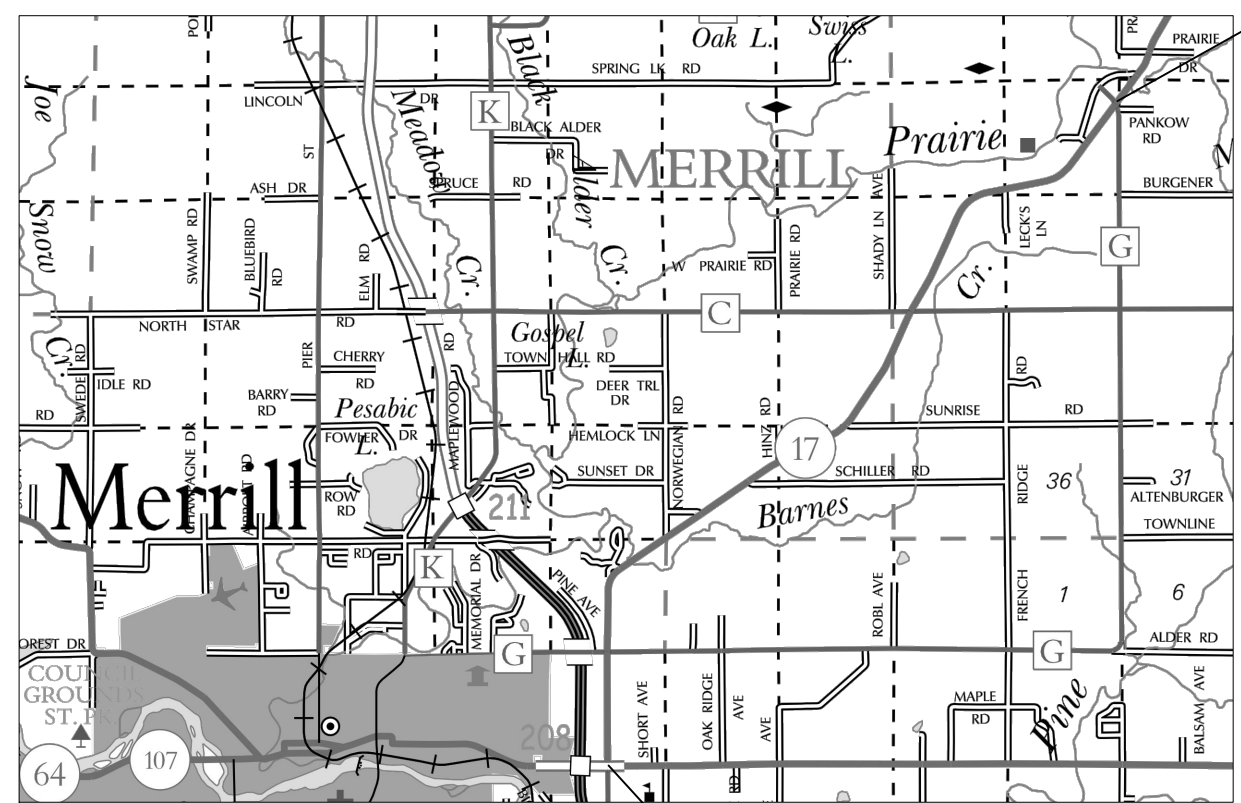
STH 64 - NORTH JUNCTION CTH G

STH 17

LINCOLN COUNTY

STATE PROJECT NUMBER

9030-03-70



BEGIN PROJECT

STA 19+58

N = 404656.763

E = 121667.539

LAYOUT

SCALE 0 NOT TO SCALE

TOTAL NET LENGTH OF CENTERLINE = 7.981 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, LINCOLN COUNTY, NAD83 (YEAR), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9030-03-70	WISC 2016349	1

END PROJECT

STA 451+84.23

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SURVEYOR
Designer	TINA A. FLATER
Project Manager	JED P. PETERS
Regional Examiner	CHERYL L. SIMON
Regional Supervisor	ROBIN W. STAFFORD

APPROVED FOR THE DEPARTMENT

DATE: 8/4/2016

(Signature)

E

GENERAL NOTES

- 1. DIMENSIONS GIVEN FOR EXISTING FACILITIES SHALL BE CONSIDERED AS APPROXIMATE AND SHOULD BE MEASURED IN THE FIELD FOR MATCHING PURPOSES.
- 2. TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- 3. PROJECT LIMITS MAY BE ADJUSTED DEPENDING ON ROADWAY CONDITIONS.
- 4. PLACEMENT OF LIVING SNOW FENCE IS APPROXIMATE. LOCATIONS OF TREES OR SHRUBS SHALL BE ADJUSTED TO AVOID UTILITIES WITH APPROVAL OF THE ENGINEER.
- 5. APPLY FERTILIZER AND MULCH IN ALL BACKFILLED PLANT HOLES.
- 6. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

CONTACTS

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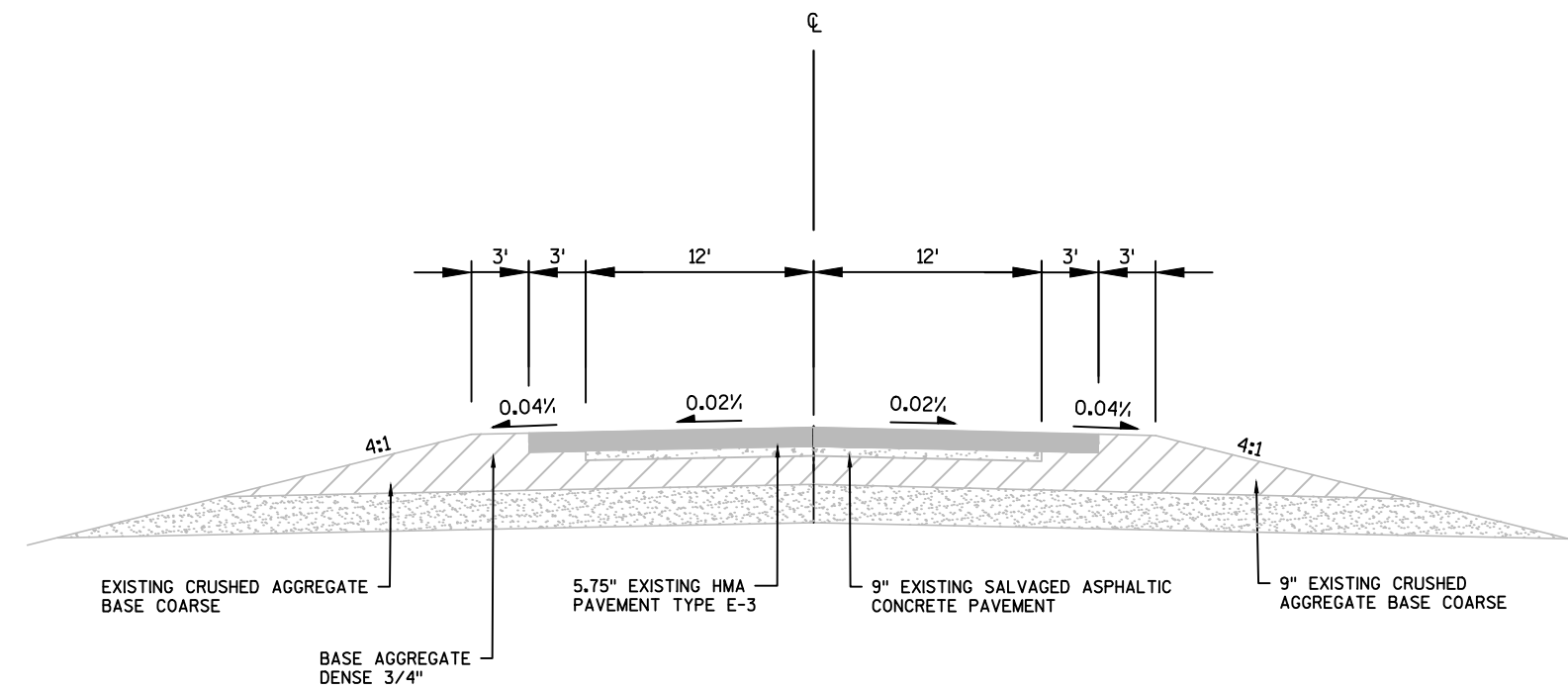
WPS GAS
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DENNIS LAFAVE
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920-619-9774

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RHINELANDER, WI 54501
JON SIMONSEN
715-365-8916
Jonathon.silmonsens@wisconsin.gov





EXISTING TYPICAL SECTION

STA 19+58 - STA 69+75
STA 69+75 - STA 126+00
STA 126+00 - STA 134+00
STA 134+00 - STA 147+00
STA 147+00 - STA 176+50
STA 176+50 - STA 186+00
STA 186+00 - STA 226+00
STA 226+00 - STA 451+84



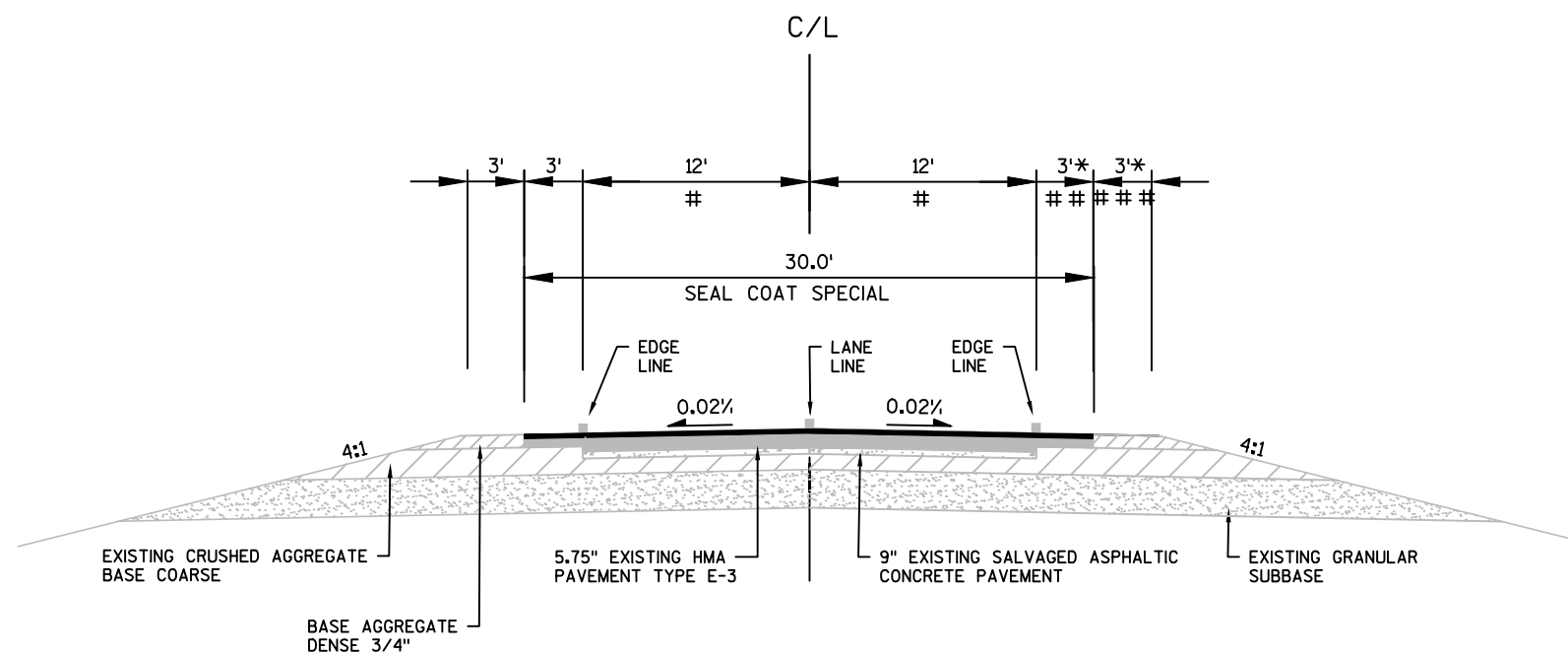
EXISTING PC
CONCRETE PAVEMENT



EXISTING HMA
PAVEMENT TYPE



EXISTING BASE AGGREGATE
DENSE 1 1/4-INCH



LEGEND

- # TRANSITIONS 12'-24' FOR RIGHT TURN LANES AT CTH G INTERSECTIONS & BYPASS LANE AT NORWEIGAN ROAD INTERSECTION.
- ## TRANSITIONS 0'-3' FOR RIGHT TURN LANES AT CTH G INTERSECTIONS & 1'-3' BYPASS LANE AT NORWEIGAN ROAD INTERSECTION.
- ### TRANSITIONS 2'-3' FOR BYPASS LANE AT NORWEIGAN ROAD INTERSECTION.

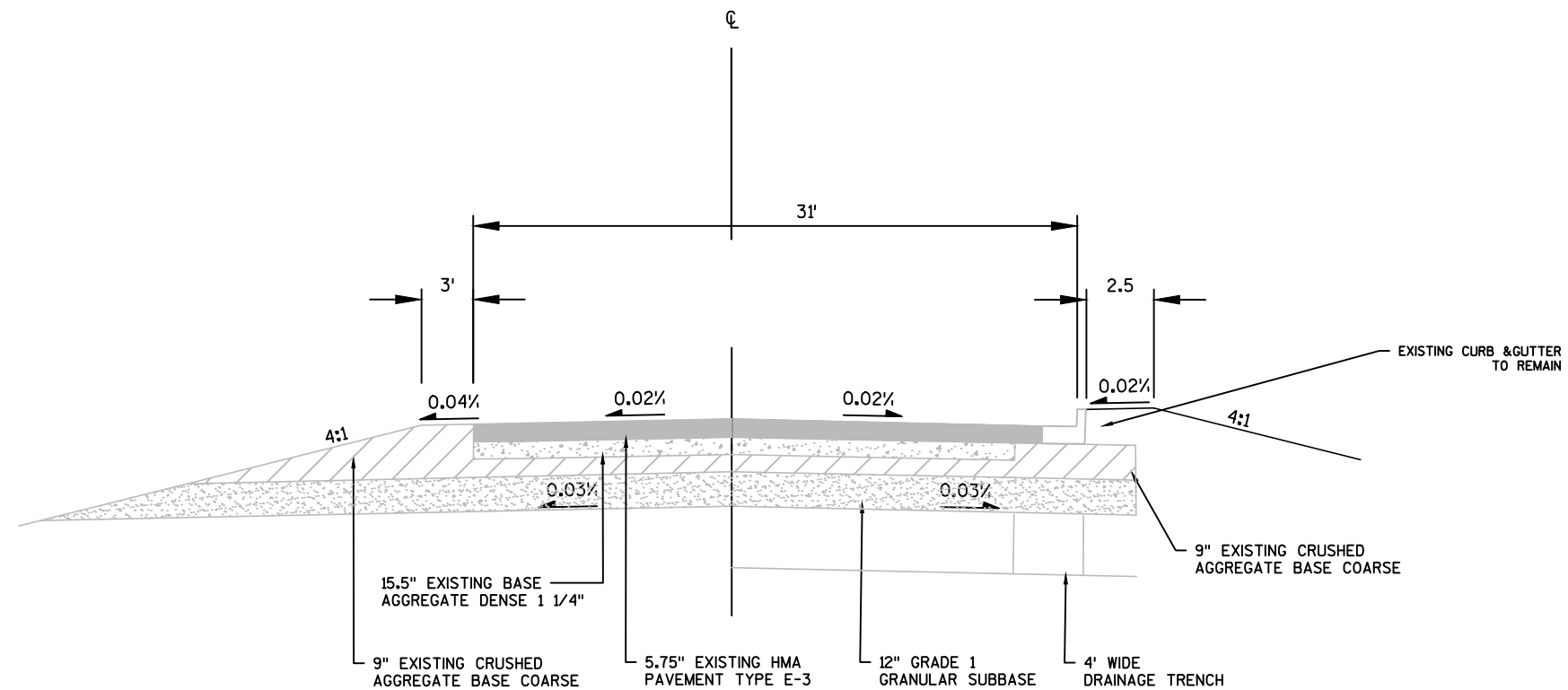
EXISTING PC CONCRETE PAVEMENT

EXISTING HMA PAVEMENT TYPE

EXISTING BASE AGGREGATE DENSE 1 1/4-INCH

PROPOSED TYPICAL SECTION

STA 19+58 - STA 69+75
STA 69+75 - STA 126+00
STA 126+00 - STA 134+00
STA 134+00 - STA 147+00
STA 147+00 - STA 176+50
STA 176+50 - STA 186+00
STA 186+00 - STA 226+00
STA 226+00 - STA 451+84



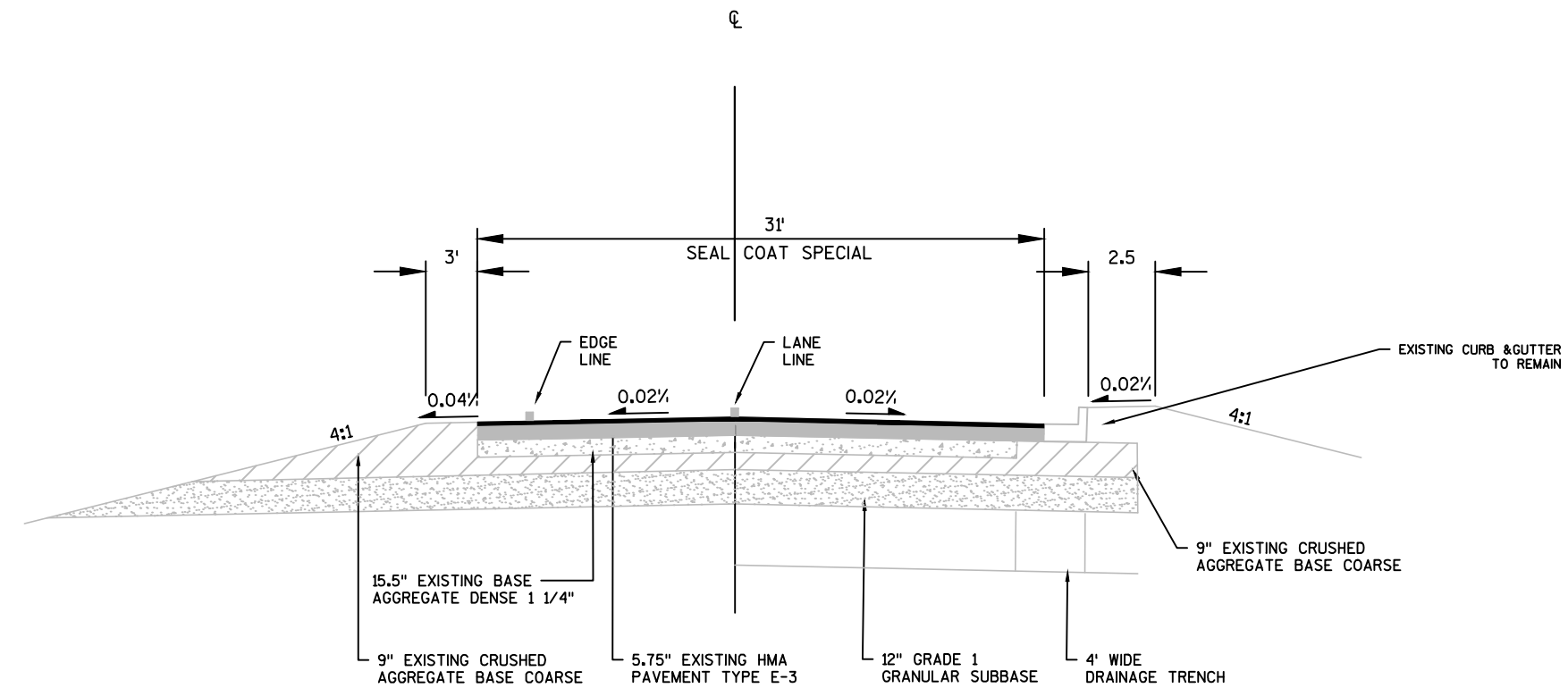
EXISTING TYPICAL SECTION
WITH CURB AND GUTTER

STA 114+50 TO STA 117+00

EXISTING PC
CONCRETE PAVEMENT

EXISTING HMA
PAVEMENT TYPE

EXISTING BASE AGGREGATE
DENSE 1 1/4-INCH



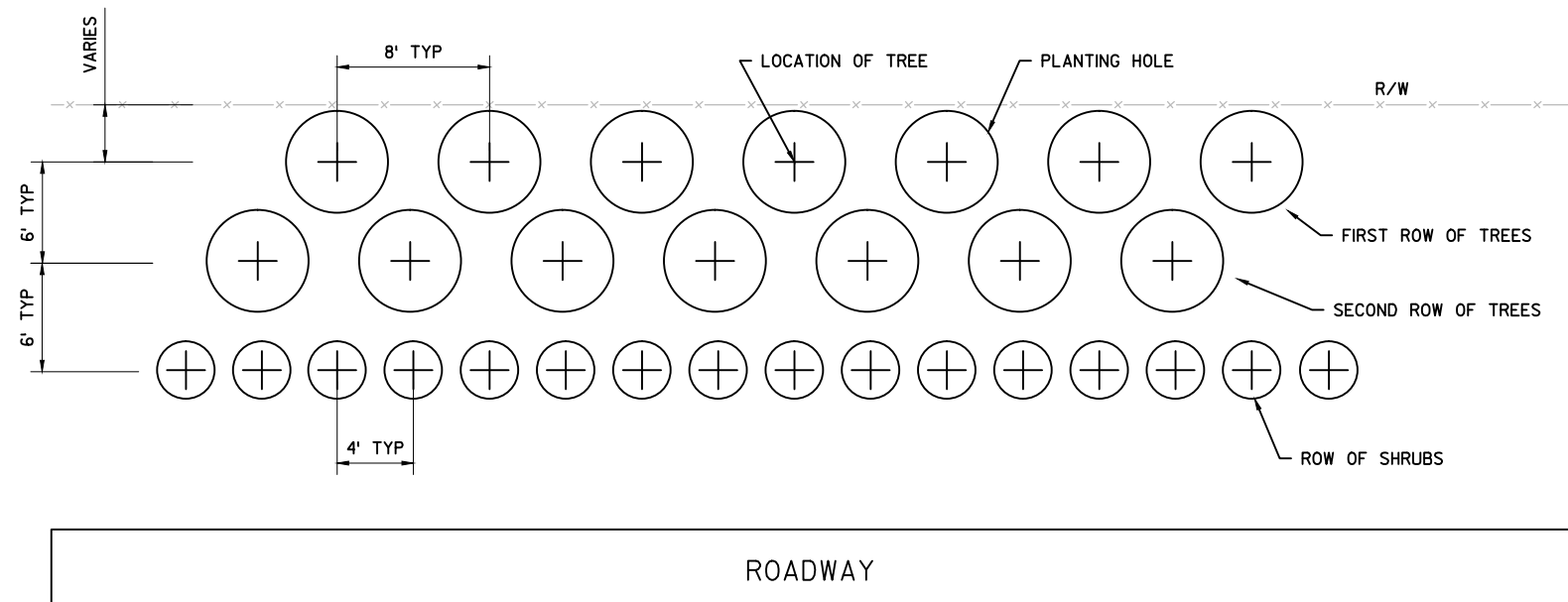
PROPOSED TYPICAL SECTION
WITH CURB AND GUTTER

STA 114+50 TO STA 117+00

EXISTING PC
CONCRETE PAVEMENT

EXISTING HMA
PAVEMENT TYPE

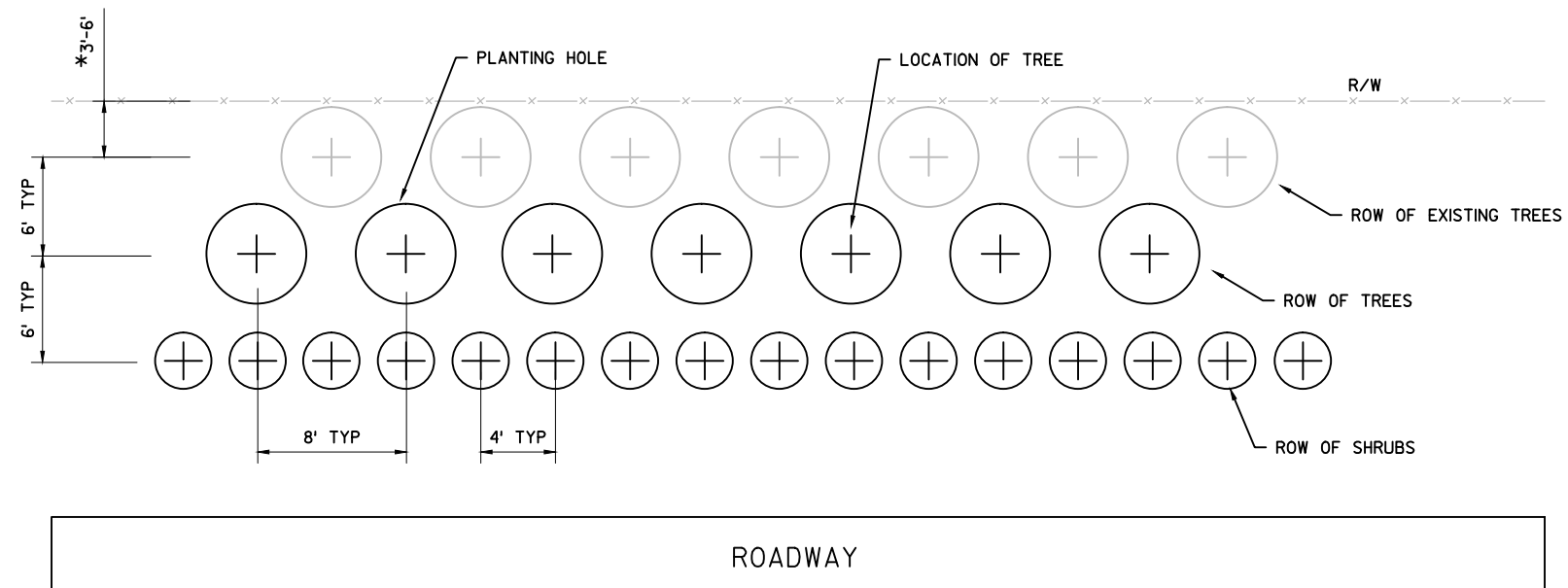
EXISTING BASE AGGREGATE
DENSE 1 1/4-INCH

**NOTES:**

1. DO NOT DISTURB EXISTING TREES AND SHRUBS.
2. IF OBSTACLE IS PRESENT, CONTINUE ROW IN NEXT AVAILABLE SPACE BEYOND OBSTACLE.
3. MULCH/FABRIC LIMITS ARE TO EXTEND TO OUTER EDGE OF BACKFILLED PLANT HOLE, UNLESS OTHERWISE SPECIFIED BY ENGINEER.
4. FOLLOW SECTION 632 OF THE STANDARD SPEC FOR ADDITIONAL GUIDANCE.
5. IF R/W FENCE PRESENT, PLACE ROW 6' ON CENTER FROM THE FENCE FOR TREES, AND 4' FOR SHRUBS. IF NO R/W FENCE PRESENT, PLACE ROW 3' FROM THE R/W PROPERTY LINE.

**PLANTING DETAIL - LIVING SNOW FENCE
THREE ROWS, NEW INSTALLATION**

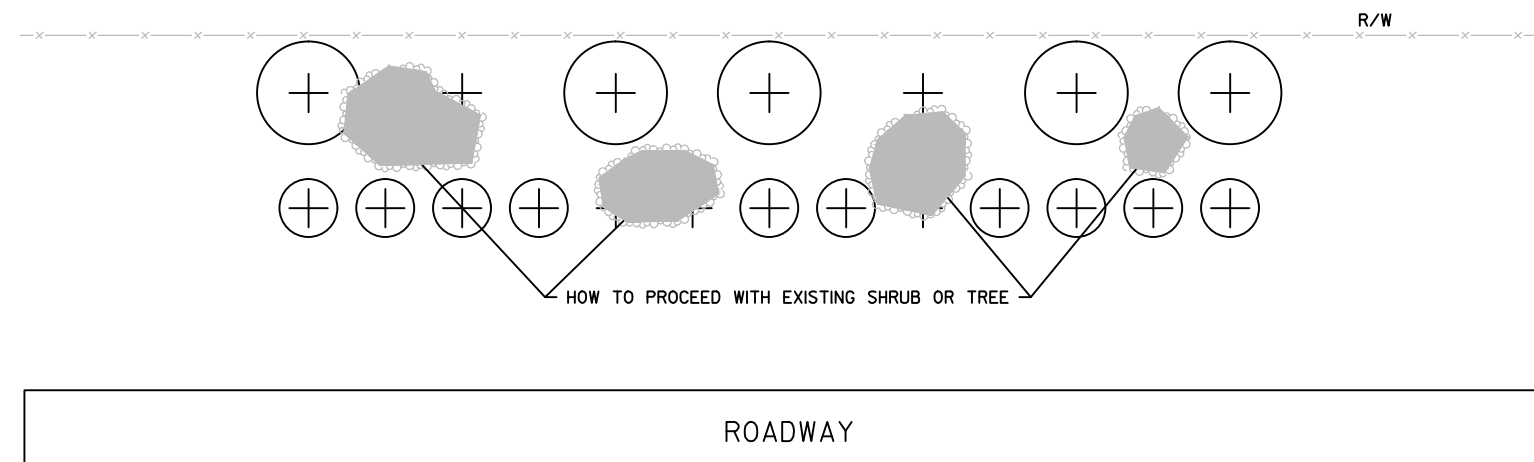
STA 96+05 - STA 100+00 LT
STA 100+70 - STA 104+50 LT
STA 108+70 - STA 110+00 LT

**NOTES:**

1. DO NOT DISTURB EXISTING TREES AND SHRUBS.
2. IF OBSTACLE IS PRESENT, CONTINUE ROW IN NEXT AVAILABLE SPACE BEYOND OBSTACLE.
3. MULCH/FABRIC LIMITS ARE TO EXTEND TO OUTER EDGE OF BACKFILLED PLANT HOLE, UNLESS OTHERWISE SPECIFIED BY ENGINEER.
4. FOLLOW SECTION 632 OF THE STANDARD SPEC FOR ADDITIONAL GUIDANCE.
5. IF R/W FENCE PRESENT, PLACE ROW 6' ON CENTER FROM THE FENCE FOR TREES, AND 4' FOR SHRUBS. IF NO R/W FENCE PRESENT, PLACE ROW 3' FROM THE R/W PROPERTY LINE.

**PLANTING DETAIL - LIVING SNOW FENCE
TWO ROWS, WITH EXISTING TREES**

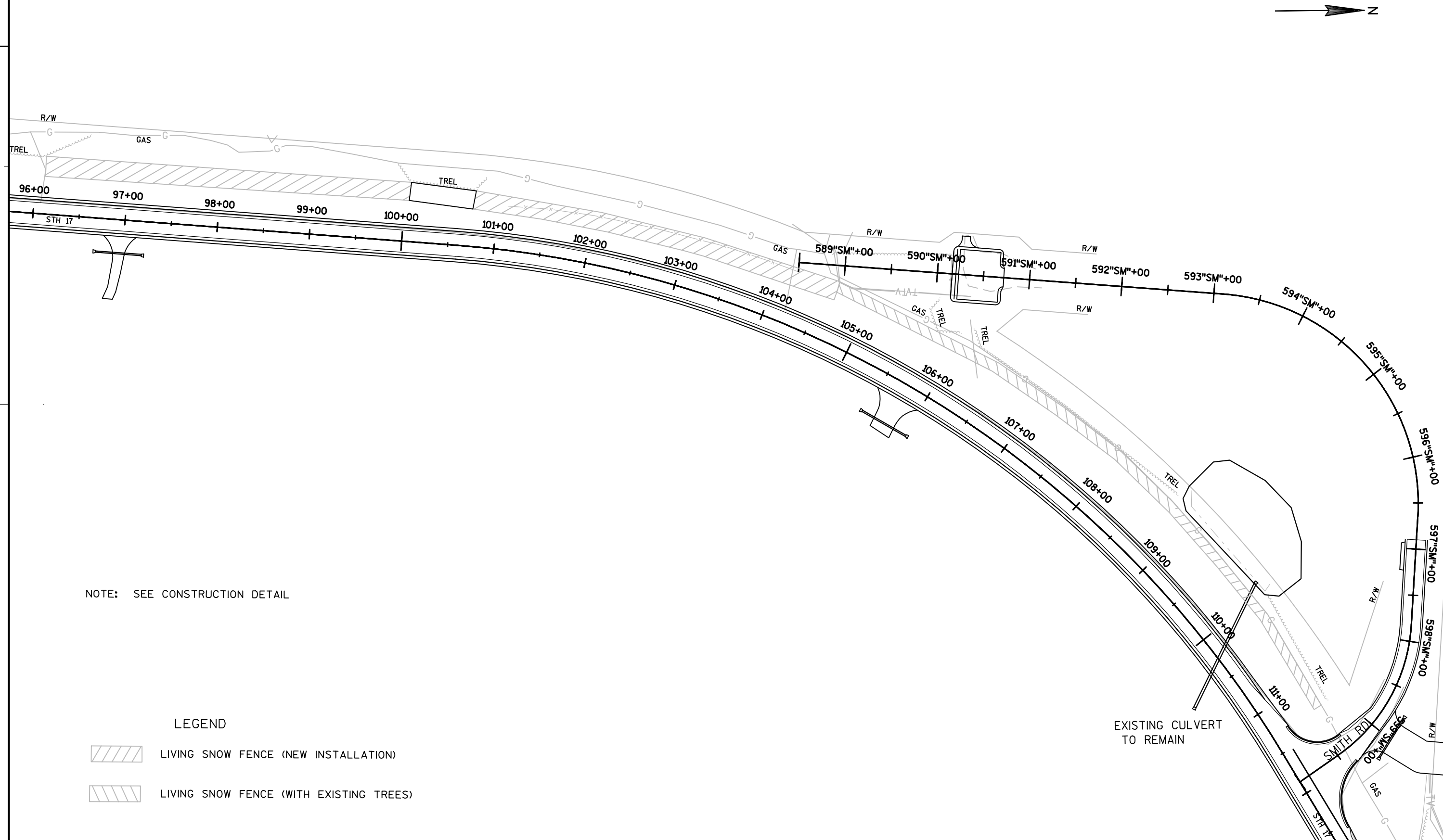
STA 100+00 - STA 100+70 LT
STA 104+50 - STA 108+70 LT
STA 110+00 - STA 111+30 LT

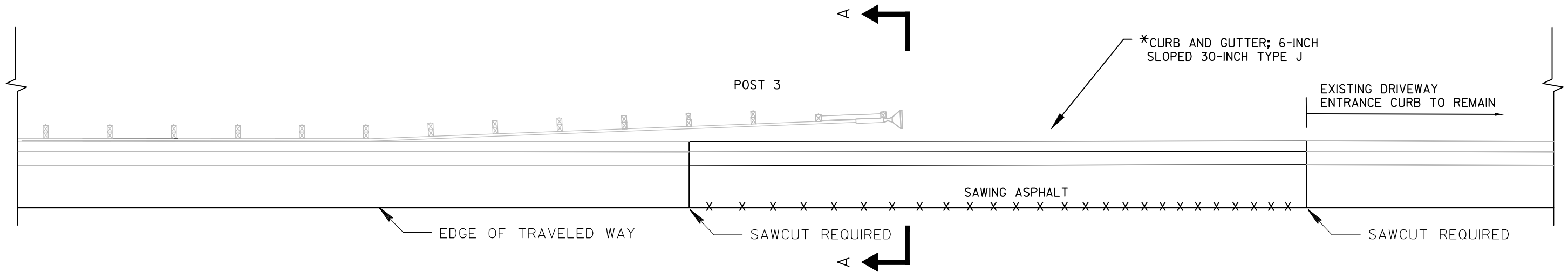


LIVING SNOW FENCE - OBSTACLE DETAIL

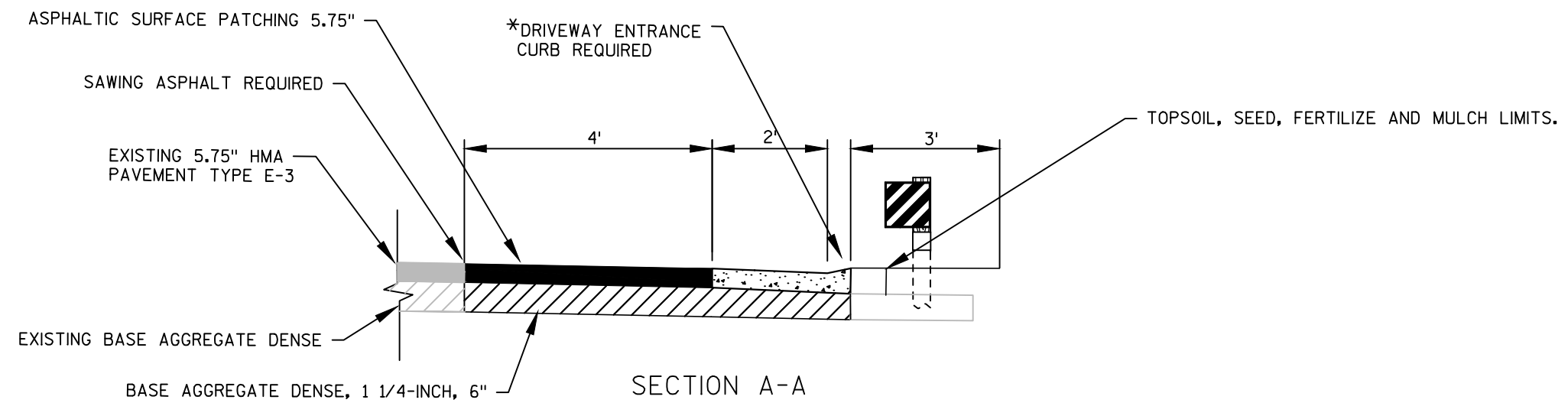
NOTES:

1. DO NOT DISTURB EXISTING TREES AND SHRUBS.
2. IF OBSTACLE IS PRESENT, CONTINUE ROW IN NEXT AVAILABLE SPACE BEYOND OBSTACLE.
3. MULCH/FABRIC LIMITS ARE TO EXTEND TO OUTER EDGE OF BACKFILLED PLANT HOLE, UNLESS OTHERWISE SPECIFIED BY ENGINEER.
4. FOLLOW SECTION 632 OF THE STANDARD SPEC FOR ADDITIONAL GUIDANCE.



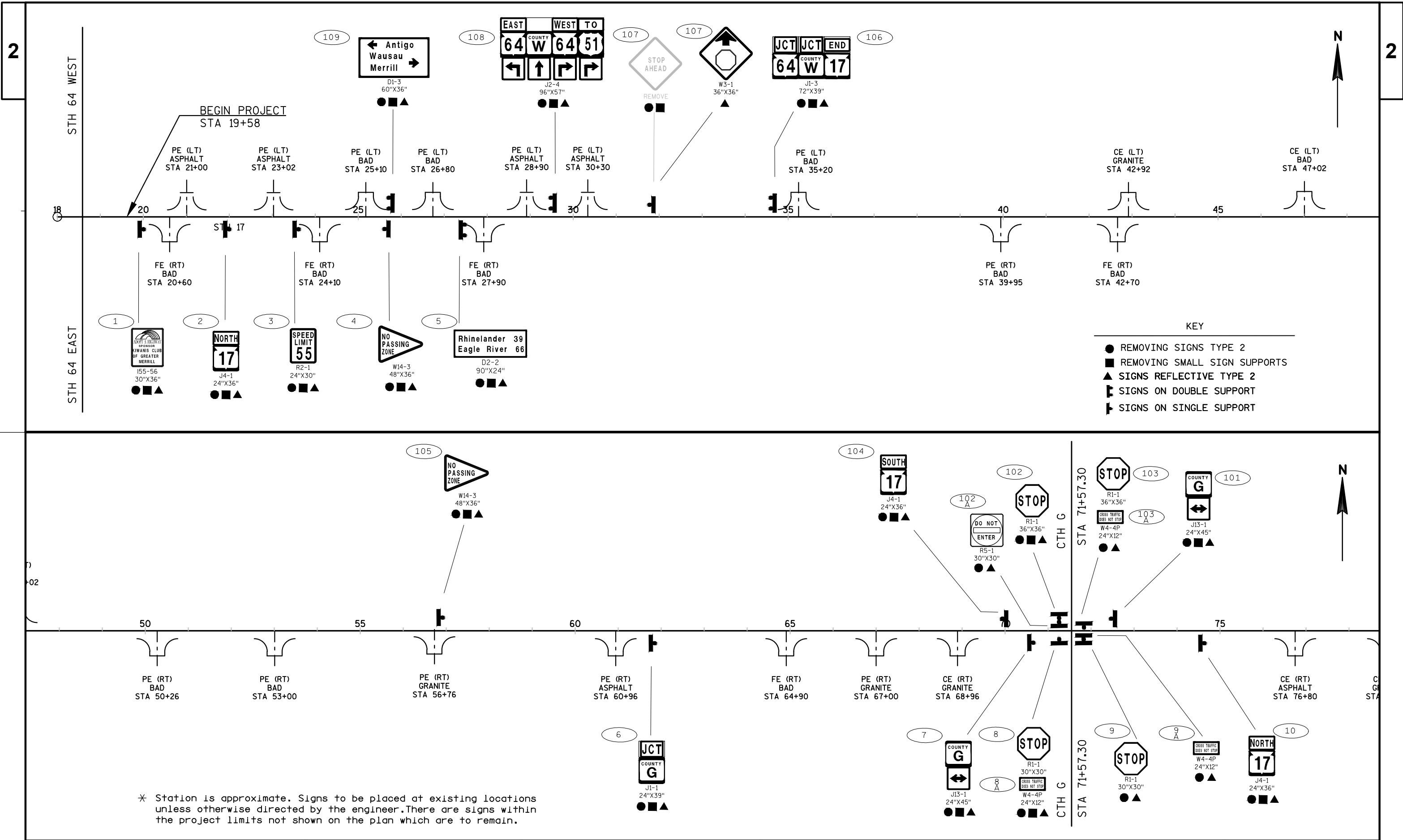


*DRIVEWAY ENTRANCE CURB REQUIRED TO EAT POST 3. TRANSITION TO EXISTING 6 INCH SLOPED CURB AFTER POST 3



WORK TO BE COMPLETED
PRIOR TO CHIP SEAL

CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT



PROJECT NO: 9030-03-70

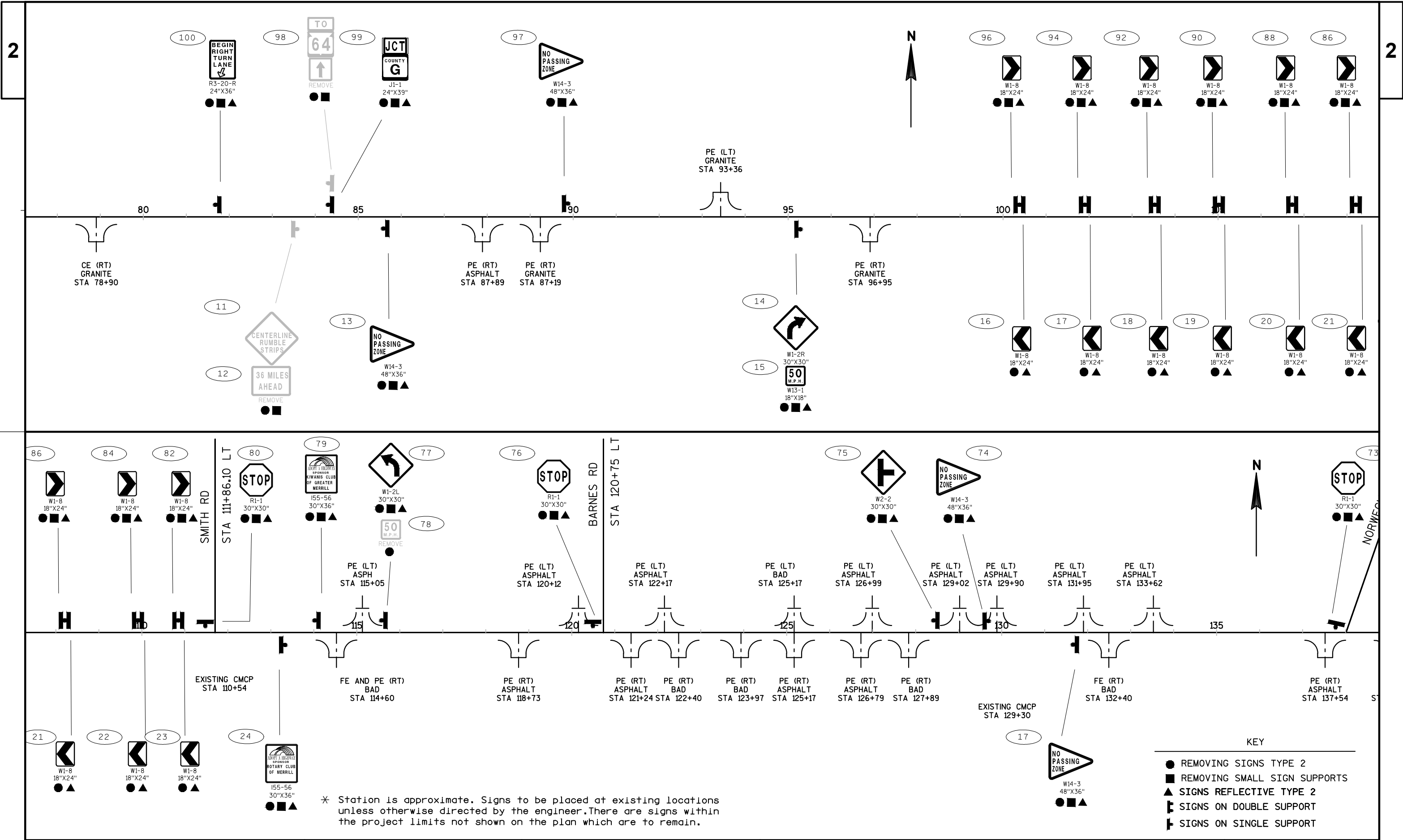
HWY: STH 17

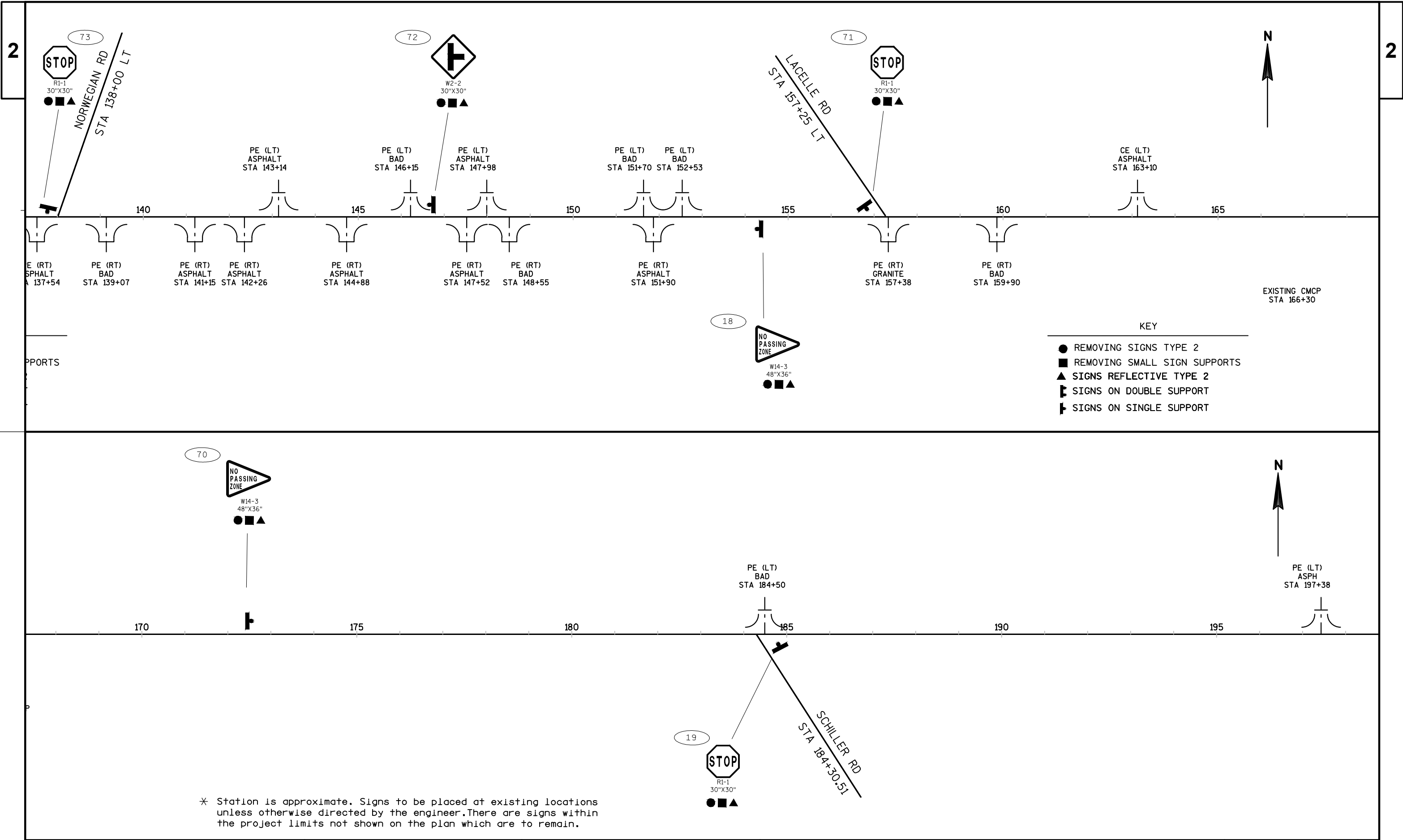
COUNTY: LINCOLN

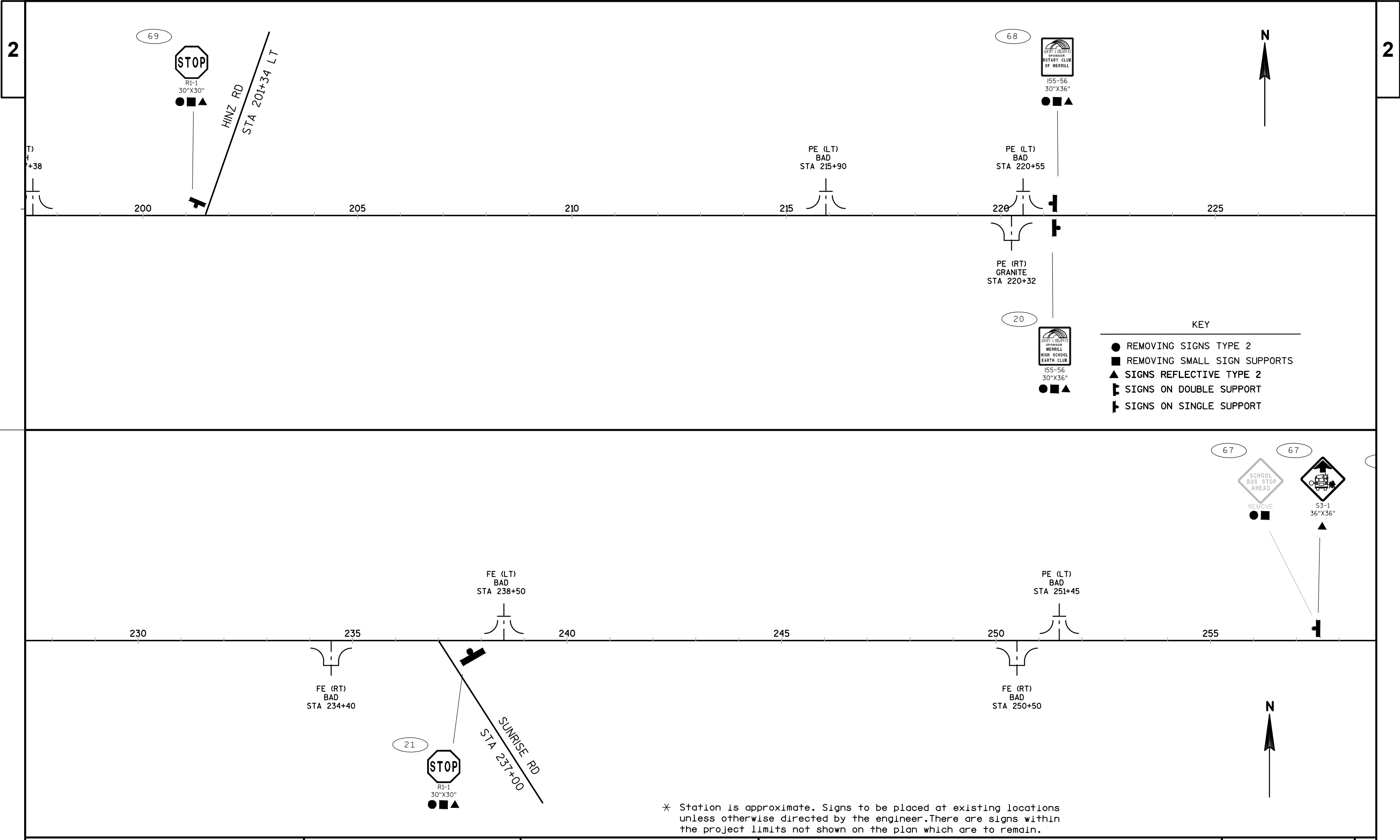
PLAN: PERMENANT SIGNING

SHEET

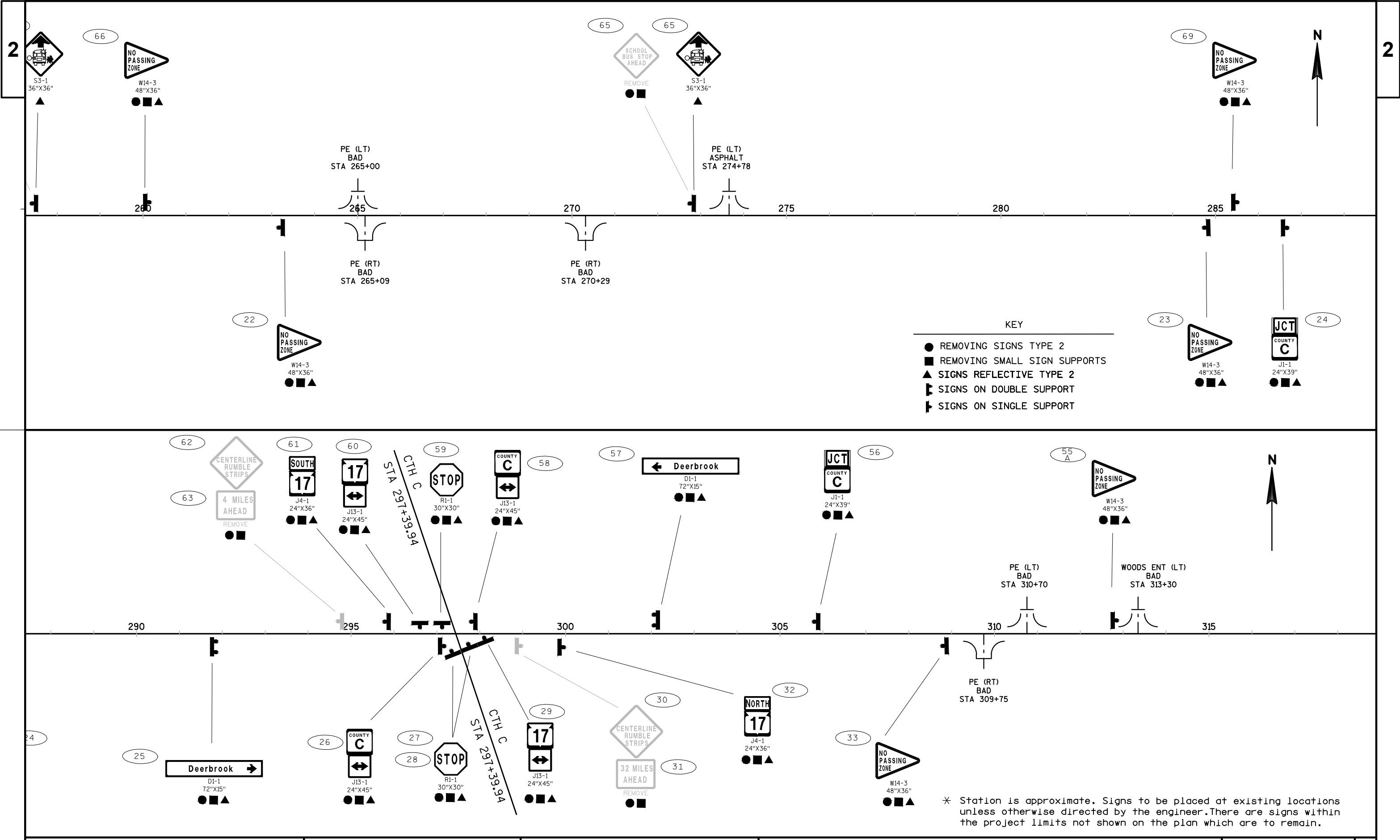
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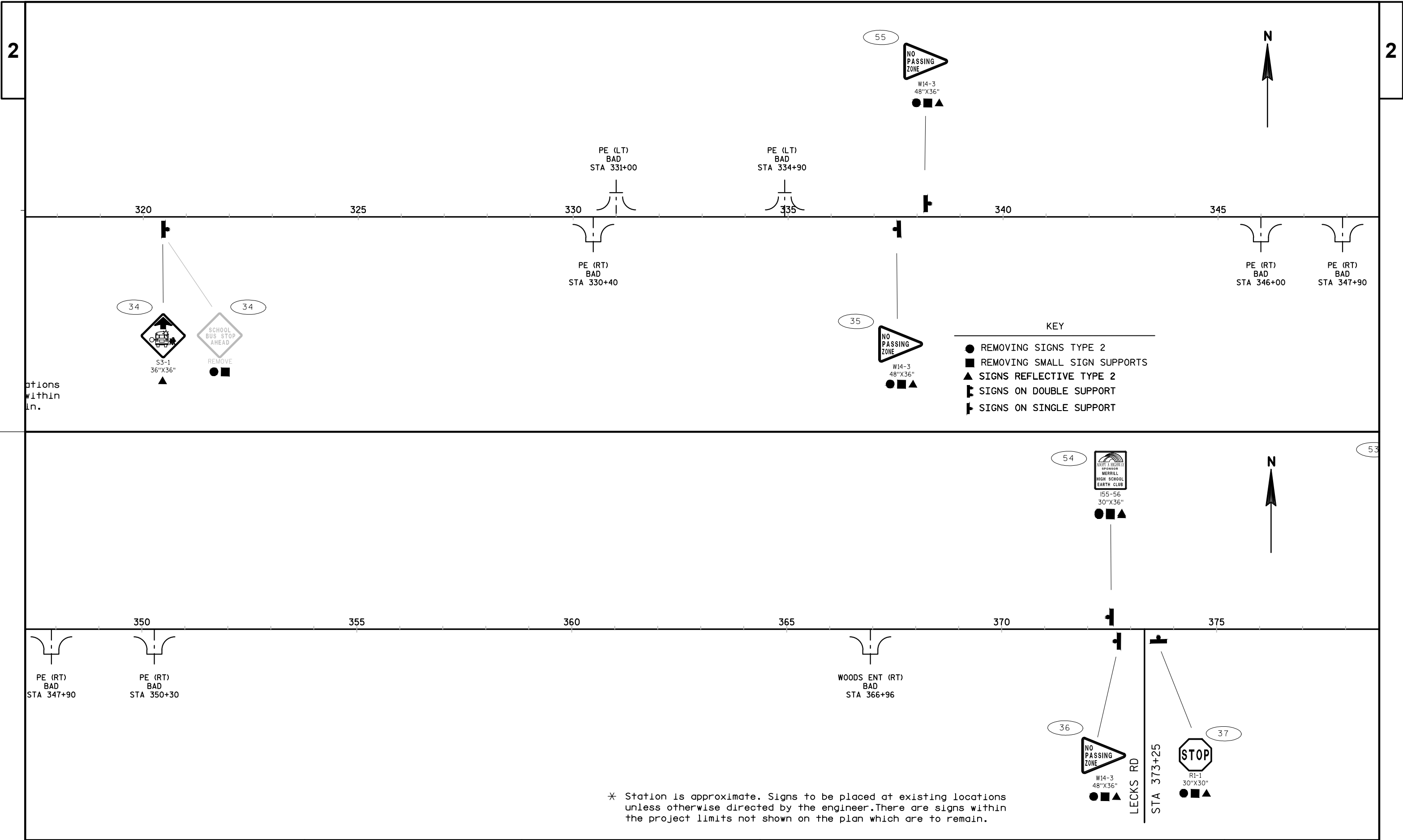


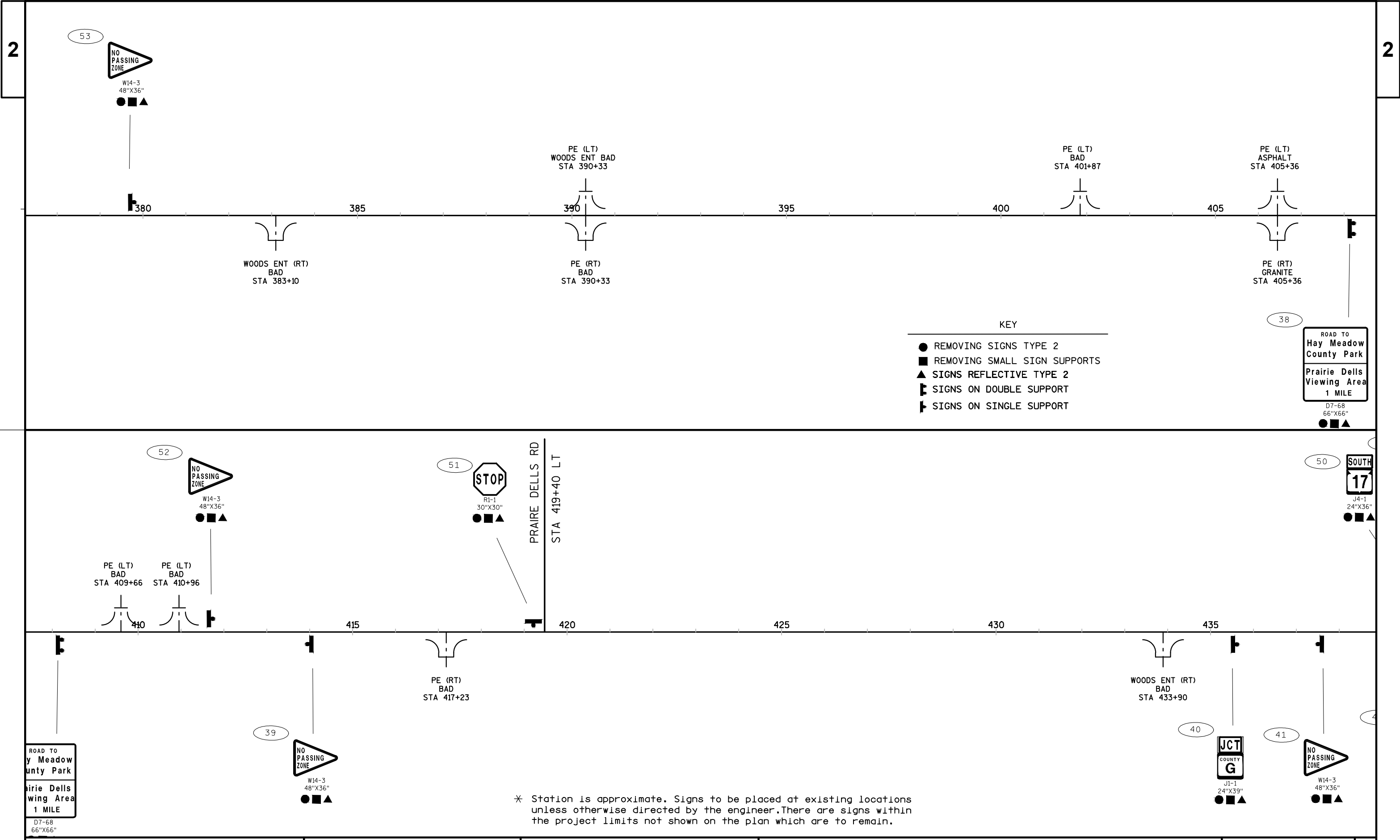


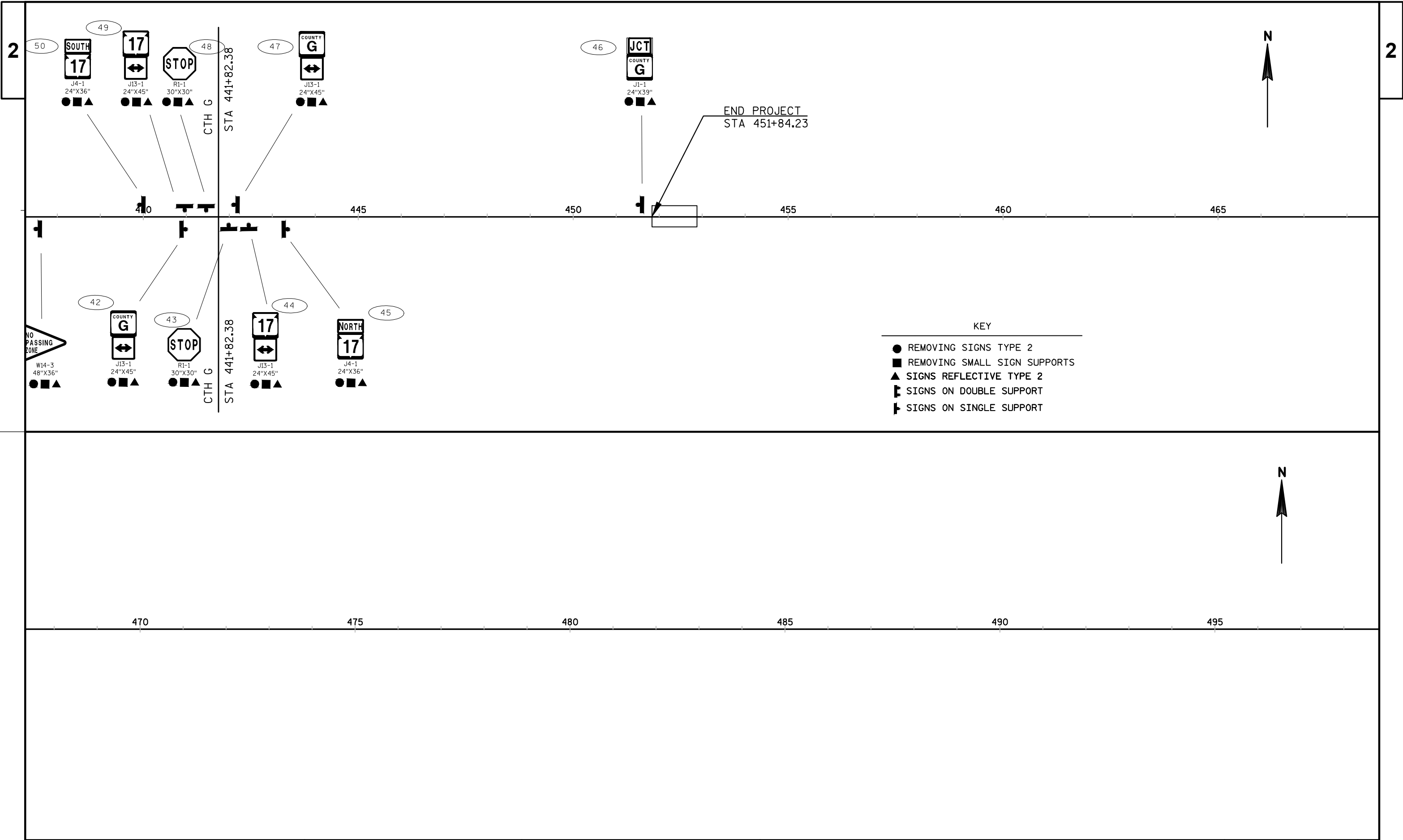


* Station is approximate. Signs to be placed at existing locations unless otherwise directed by the engineer. There are signs within the project limits not shown on the plan which are to remain.





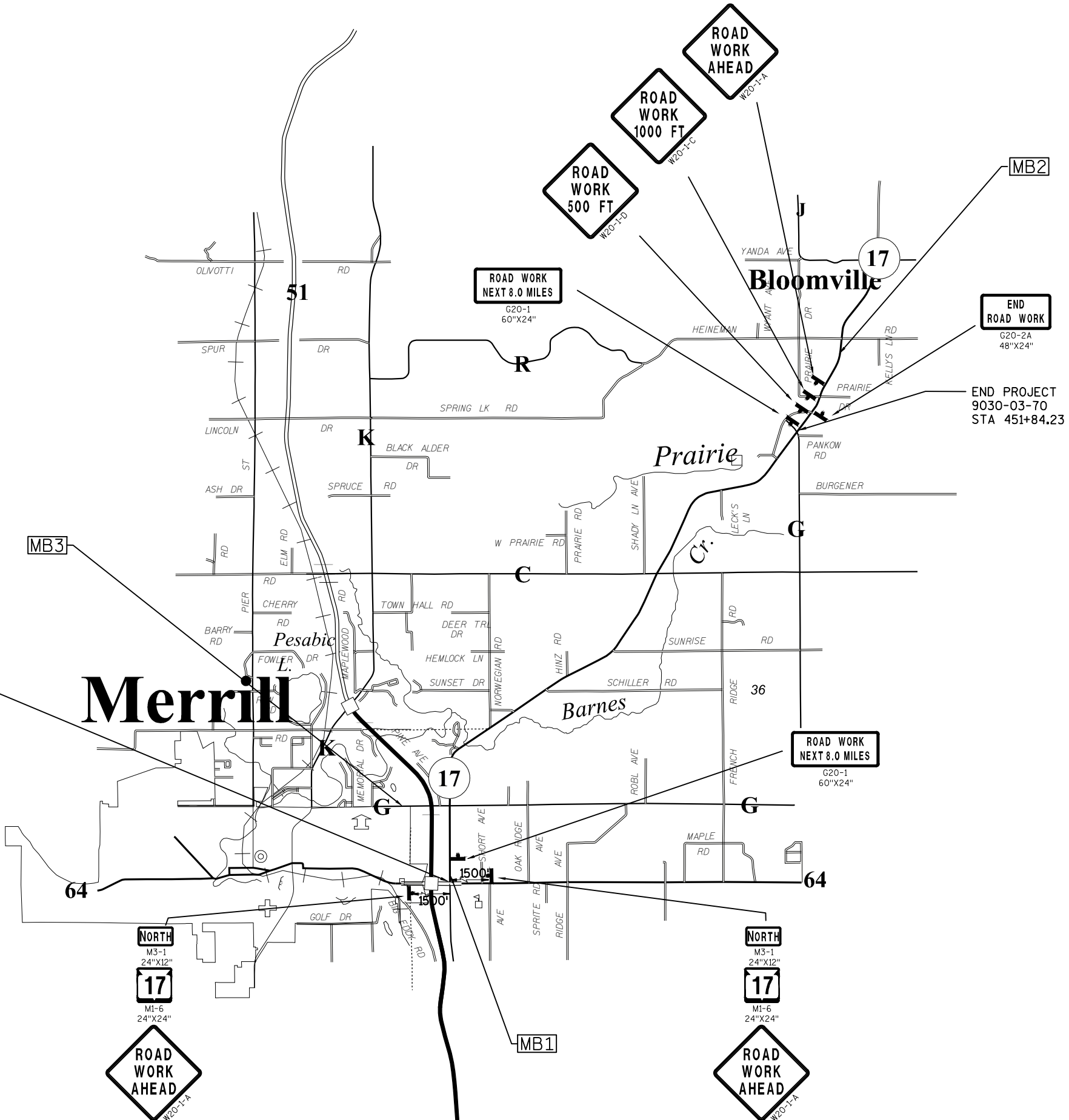




- 1). CONSIDERGEOMETRICS WHEN LOCATING MESSAGE BOARDS SO THE DRIVER HAS CLEAR VIEW OF THE BOARD FOR A MINIMUM OF 1000' IN FRONT OF THE MESSAGE BOARD.
- 2). PLACE MESSAGE BOARDS AS FAR A WAY FROM LIVE TRAFFIC LANES AS POSSIBLE WITHOUT HAMPERING VISIBILITY. IN ADVANCE OF HIGHWAY CONSTRUCTION PROJECTS, THE SIGNS SHOULD BE PLACED ON THE BACK SLOPE BEYOND THE DITCH. THE LOCATION SELECTED SHOULD BE AT OR SLIGHTLY ABOVE THE ELEVATION OF THE ROADWAY. FOR INTERMITTENT WORK SUCH AS LANE CLOSURE OR WHERE SITE CONDITIONS DO NOT ALLOW OTHERWISE, THE SIGNS MAY BE PLACED ON THE SHOULDER. THE SITE SHOULD BE VISITED TO ASSURE VISIBILITY, SAFETY AND MAINTENANCE CONSIDERATIONS. A TAPER OF REFLECTORIZED DRUMS AND BARRICADES SHOULD BE PLACED AHEAD OF THE PCMS PLACED ON A SHOULDER IF IT IS NOT SHIELDED BY A BARRIER.
- 3). DISPLAY THE "PRIOR TO CONSTRUCTION" MESSAGE 10 DAYS PRIOR TO THE EXPECTED START OF THE PROPOSED WORK THAT WILL REQUIRE LANE CLOSURES. ADJUST THE MESSAGE ACCORDINGLY.

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- STA 102+00	ROADWORK BEGINS (DATE)	EXPECT DELAYS	FOLLOW PILOT CAR	EXPECT DELAYS
MB2- STA 528+25	ROADWORK BEGINS (DATE)	EXPECT DELAYS	FOLLOW PILOT CAR	EXPECT DELAYS
MB3- CTH G	ROADWORK BEGINS (DATE)	EXPECT DELAYS	FOLLOW PILOT CAR	EXPECT DELAYS

BEGIN PROJECT
9030-03-70
STA 19+58
N= 404656.763
E= 121667.539



DATE 31AUG16		E S T I M A T E O F Q U A N T I T I E S			
LINE					9030-03-70
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	204.0110	Removing Asphaltic Surface	SY	35.000	35.000
0020	204.0120	Removing Asphaltic Surface Milling	SY	1,800.000	1,800.000
0030	204.0150	Removing Curb & Gutter	LF	76.000	76.000
0040	213.0100	Finishing Roadway (project) 01.	EACH	1.000	1.000
		9030-03-70			
0050	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	20.000	20.000
0060	465.0110	Asphaltic Surface Patching	TON	200.000	200.000
0070	601.0415	Concrete Curb & Gutter 6-Inch Sloped	LF	76.000	76.000
		30-Inch Type J			
0080	618.0100	Maintenance And Repair of Haul Roads	EACH	1.000	1.000
		(project) 01. 9030-03-70			
0090	619.1000	Mobilization	EACH	1.000	1.000
0100	625.0100	Topsoil	SY	25.000	25.000
0110	627.0200	Mulching	SY	25.000	25.000
0120	628.1504	Silt Fence	LF	200.000	200.000
0130	628.1520	Silt Fence Maintenance	LF	50.000	50.000
0140	628.7504	Temporary Ditch Checks	LF	50.000	50.000
0150	628.7555	Culvert Pipe Checks	EACH	6.000	6.000
0160	628.7570	Rock Bags	EACH	25.000	25.000
0170	629.0210	Fertilizer Type B	CWT	0.020	0.020
0180	630.0130	Seeding Mixture No. 30	LB	1.000	1.000
0190	632.0101	Trees (species) (size) (root) 01. White	EACH	320.000	320.000
		Spruce, 4' BB 16"			
0200	632.0201	Shrubs (species) (size) (root) 01.	EACH	390.000	390.000
		Dogwood Isanti, 3', BB 12"			
0210	632.9101	Landscape Planting Surveillance and	EACH	20.000	20.000
		Care Cycles			
0220	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	113.000	113.000
0230	637.2210	Signs Type II Reflective H	SF	492.010	492.010
0240	637.2230	Signs Type II Reflective F	SF	288.890	288.890
0250	638.2602	Removing Signs Type II	EACH	114.000	114.000
0260	638.3000	Removing Small Sign Supports	EACH	122.000	122.000
0270	643.0100	Traffic Control (project) 01. 9030-03-70	EACH	1.000	1.000
0280	643.0900	Traffic Control Signs	DAY	780.000	780.000
0290	643.1050	Traffic Control Signs PCMS	DAY	45.000	45.000
0300	646.0106	Pavement Marking Epoxy 4-Inch	LF	145,225.000	145,225.000
0310	646.0126	Pavement Marking Epoxy 8-Inch	LF	1,360.000	1,360.000
0320	647.0726	Pavement Marking Diagonal Epoxy 12-Inch	LF	350.000	350.000
0330	648.0100	Locating No-Passing Zones	MI	7.980	7.980
0340	690.0150	Sawing Asphalt	LF	83.000	83.000
0350	690.0250	Sawing Concrete	LF	5.000	5.000
0360	ASP.1T0A	On-the-Job Training Apprentice at \$5.	HRS	1,200.000	1,200.000
		00/HR			
0370	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	1,200.000	1,200.000
0380	SPV.0060	Special 01. Temporary Raised Pavement	EACH	4,219.000	4,219.000
		Markers, Type II			
0390	SPV.0125	Special 01. Prepare Existing Pavement	MI	7.980	7.980
		For Seal Coat			
0400	SPV.0180	Special 01. Protective Thermoplastic	SY	270.000	270.000
		Coating At Snowmobile Crossings			
0410	SPV.0180	Special 02. Seal Coat Special	SY	147,335.000	147,335.000

MILLING

	204.0110 REMOVING ASPHALTIC SURFACE (SY)	204.0120 REMOVING ASPHALTIC SURFACE MILLING (SY)	NOTES
STATION - STATION			
19+58 -451+85	35	1,800	1.75" MILL DEPTH PRIOR TO ASPHALTIC SURFACE PATCHING
TOTAL	35	1,800	

SURFACE PATCHING

		465.0110 ASPHALTIC SURFACE PATCHING (TON)	NOTES
STATION - STATION	LOCATION		
19+58 - 451+85	Project	200	1.75" DEPTH OF PATCH
	TOTAL	200	

CURB AND GUTTER

		204.0150 REMOVING CURB & GUTTER (LF)	305.0120 BASE AGGREGATE DENSE 1 1/4 INCH (TON)	601.0415 CONCRETE CURB & GUTTER 30"TYPE J DRIVEWAY ENTRANCE (LF)	630.0130 SEEDING MIXTURE (LB)	625.0100 TOPSOIL (SY)	629.0210 FERTILIZER TYPE B (CWT)	627.0200 MULCHING (SY)	690.0150 SAWING ASPHALT (LF)	690.0250 SAWING CONCRETE (LF)
STATION - STATION	LOCATION									
115+00 - 115+70	RIGHT	76	20	76	1	25	0.02	25	83	5
	TOTAL	76	20	76	1	25	0.02	25	83	5

EROSION CONTROL

	628.1504 SILT FENCE (LF)	628.1520 SILT FENCE MAINTENANCE (LF)	628.7504 TEMPORARY DITCH CHECKS (LF)	628.7555 CULVERT PIPE CHECKS (EACH)	628.757 ROCK BAGS (EACH)
PROJECT	200	50	50	6	25
TOTAL	200	50	50	6	25

PAVEMENT MARKING

		646.0106 PAVEMENT MARKING EPOXY 4-INCH	646.0126 PAVEMENT MARKING EPOXY 8-INCH	647.0726 PAVEMENT MARKING DIAGONAL EPOXY 12 INCH	
STATION - STATION	LOCATION	(LF)	(LF)	(LF)	DESCRIPTION
19+58 - 451+84	PROJECT CL	58,535		-	YELLOW
19+58 - 451+84	PROJECT EDGELINE	86,690	-	-	WHITE
PROJECT	CTH G SOUTH	-	1,360	-	YELLOW
PROJECT	TRANSITIONS	-	-	350	YELLOW
TOTAL		145,225	1,360	350	

TRAFFIC CONTROL

		643.0900 TRAFFIC CONTROL SIGNS	643.1050 PORTABLE CHANGEABLE MESSAGE BOARDS
PROJECT	LOCATION	(DAYS)	(DAYS)
PROJECT	-	780	45
TOTAL		780	45

TEMPORARY PVMT MARKING

		SPV.0060.01 TEMPORARY RAISED PAVEMENT MARKERS TYPE II	
STATION - STATION	LOCATION	EACH	NOTES
19+58 - 451+85	CL	4219	YELLOW
TOTAL		4,219	

25' SPACING ON SOLID YELLOW
3 TABS PER SKIP (1 AT EACH END AND ONE IN THE MIDDLE)

SNOWMOBILE CROSSINGS

		SPV.0060 PROTECTIVE THERMOPLASTIC COATING AT SNOWMOBILE CROSSINGS
STATION	(SY)	
83+80	90	
286+00	90	
442+97	90	
TOTAL	270	

SEAL COAT

		SPV.0180.02 SEAL COAT SPECIAL	SPV.0125.01 PREPARE EXISTING PAVEMENT FOR SEAL COAT
STATION	LOCATION	(SY)	(MI)
19+58 - 451+84	PROJECT	147,335	7.98
TOTAL		147,335	7.98

LIVING SNOW FENCE

ITEM NO	QUANTITY	PLANT CODE	COMMON NAME	SCIENTIFIC NAME	TYPE	AVE. MATURE HEIGHT	SIZE WHEN PLANTED	ROOT ZONE MODE
		DECIDUOUS TREES						
632.0101	320	WS	SPRUCE, WHITE	PICEA GLAUCA	4E	50'	4'	BB
	DECIDUOUS SHRUBS							
632.0201	390	ID	DOGWOOD, ISANTI	CORNUS SERICEA ISANTI	2S	10'	2'-3'	BB

CARE CYCLES

632.9101
LANDSCAPE
PLANTING
SURVEILLANCE
AND CARE CYCLES

LOCATION	EACH
96+00 - 112+00	20
TOTAL	20

PLANT DATA CHART

PLANT CODE		COMMON NAME	SCIENTIFIC NAME	TYPE	AVE. MATURE HEIGHT	SIZE WHEN PLANTED	ROOT ZONE MODE						GUY OR BRACE	FERT. PACK. REQ'D.	RODENT PROTECTION REQUIRED
										ROOT SPREAD					
								MIN ROOT BALL SIZE	MIN. DEPTH		MIN. HOLE DIA.	MIN. HOLE DEPTH			
	DECIDUOUS TREES														
	WS	SPRUCE, WHITE	PICEA GLAUCA	4E	50'	4'	BB	21"	12.5"	45"	45"	12.5"	GUY	4	NO
DECIDUOUS SHRUBS															
	ID	DOGWOOD, ISANTI	CORNUS SERICEA ISANTI	2S	10'	2'-3'	BB	10"	6.5"	34"	34"	6.5"	105-005	4	NO

PERMENANT SIGNING												
SIGN NUMBER	STATION	POSITION	CODE	DESCRIPTION	SIZE	634.0616	637.2210	637.2230	638.3000	638.2602	REMARKS	REMARKS
						POSTS	SIGNS	SIGNS	REMOVING	REMOVING		
						WOOD 4"X6" 16-FT EACH	TYPE II REFLECTIVE H SF	TYPE II REFLECTIVE F SF	SMALL SIGNS SUPPORTS EACH	SIGNS TYPE II EACH		
1	19+90	RIGHT	I-55-56	ADOPT-A-HIGHWAY [SPONSOR]	24 X 30	1.00	5.00	0.00	1.00	1.00	KIWANIS CLUB OF	GREATER MERRILL
2	21+85	RIGHT	J4-1	REASSURANCE ASSEMBLY (1 HEADED ROUTE PANEL)	24x36	1.00	3.00	0.00	1.00	1.00	NORTH	17
3	23+50	RIGHT	R2-1	SPEED LIMIT 55 MPH	24 X 30	1.00	5.00	0.00	1.00	1.00	55	
4	25+75	LEFT	W14-3	NO PASSING ZONE	48x36	1.00	0.00	6.00	1.00	1.00		
5	27+40	RIGHT	D2-2	DESTINATION /DISTANCE (TWO) WITH DIE CUT LETTERS	90x24	2.00	0.00	15.00	2.00	1.00	RHINELANDER 39	EAGLE RIVER 66
6	61+75	RIGHT	J1-1	JUNCTION OR END ASSEMBLY	24x39	1.00	6.50	0.00	1.00	1.00	JCT	G
7	70+60	RIGHT	J13-1	DIRECTIONAL WITHOUT CARDINAL (1 HEADED ROUTE PANEL)	24x45	1.00	7.50	0.00	1.00	1.00	G	[DBA]
8	71+25	CROSSROAD	R1-1	STOP	36x36	1.00	7.46	0.00	1.00	1.00		
8A	71+25			CROSS TRAFFIC DOES NOT STOP	36X36		9.00					
9	71+75	CROSSROAD	R1-1	STOP	36x36	1.00	7.46	0.00	1.00	1.00		
9A	71+75			CROSS TRAFFIC DOES NOT STOP			9.00					
10	74+50	CROSSROAD	J13-1	DIRECTIONAL WITHOUT CARDINAL (1 HEADED ROUTE PANEL)	24	1.00	0.00	0.00	1.00	1.00	17	[DBA]
10	74+50	RIGHT	J4-1	REASSURANCE ASSEMBLY (1 HEADED ROUTE PANEL)	24x36	1.00	6.00	0.00	1.00	1.00	NORTH	17
11	83+45	RIGHT	W8-70	CENTERLINE RUMBLE STRIPS	36x36		0.00	9.00		1.00		
12	83+45	RIGHT	W57-51	NEXT _ MILES	30x15	1.00	0.00	3.13	1.00	1.00	36	
13	85+60	LEFT	W14-3	NO PASSING ZONE	48x36	1.00	0.00	6.00	1.00	1.00		
14	95+10	RIGHT	W1-2-R	RIGHT CURVE	30x30	1.00	0.00	6.25	1.00	1.00		
15	95+10	RIGHT	W13-1	ADVISORY SPEED PLATE (YELLOW BACK)	18x18	0.00	0.00	0.00	0.00	1.00	50	
16	100+40	LEFT	W1-8	CHEVRON	18x24	1.00	0.00	3.00	1.00	1.00		
17	102+00	LEFT	W1-8	CHEVRON	18x24	1.00	0.00	3.00	1.00	1.00		
18	103+60	LEFT	W1-8	CHEVRON	18x24	1.00	0.00	3.00	1.00	1.00		
19	105+10	LEFT	W1-8	CHEVRON	18x24	1.00	0.00	3.00	1.00	1.00		
20	106+90	LEFT	W1-8	CHEVRON	18x24	1.00	0.00	3.00	1.00	1.00		
21	107+25	LEFT	W1-8	CHEVRON	18x24	1.00	0.00	3.00	1.00	1.00		
22	108+25	LEFT	W1-8	CHEVRON	18x24	1.00	0.00	3.00	1.00	1.00		
23	110+05	LEFT	W1-8	CHEVRON	18x24	1.00	0.00	3.00	1.00	1.00		
16	113+15	RIGHT	I-55-56	ADOPT-A-HIGHWAY [SPONSOR]	24x30	1.00	5.00	0.00	1.00	1.00	ROTARY CLUB	OF MERRILL
17	131+60	LEFT	W14-3	NO PASSING ZONE	48x36	1.00	0.00	6.00	1.00	1.00		
18	154+40	LEFT	W14-3	NO PASSING ZONE	48x36	1.00	0.00	6.00	1.00	1.00		
19	184+90	CROSSROAD	R1-1	STOP	30x30	1.00	5.18	0.00	1.00	1.00		
20	221+25	RIGHT	I-55-56	ADOPT-A-HIGHWAY [SPONSOR]	24x30	1.00	5.00	0.00	1.00	1.00		
21	237+50	RIGHT	r1-1	STOP	30x30	1.00	5.18	0.00	1.00	1.00		
22	263+15	LEFT	W14-3	NO PASSING ZONE	48x36	1.00	0.00	6.00	1.00	1.00		
23	284+90	LEFT	W14-3	NO PASSING ZONE	48x36	1.00	0.00	6.00	1.00	1.00		
32	286+50	RIGHT	J1-1	JUNCTION OR END ASSEMBLY	24x39		6.50	0.00		1.00	JCT	C
25	291+90	RIGHT	D1-1	ONE DESTINATION (ARROW)	72x15	2.00	7.50	0.00	2.00	1.00	DEERBROOK [RA]	
26	297+00	RIGHT	J13-1	DIRECTIONAL WITHOUT CARDINAL (1 HEADED ROUTE PANEL)	24x45	1.00	7.50	0.00	1.00	1.00	C	[DBA]
27	297+15	CROSSROAD	R1-1	STOP	36x36	1.00	7.46	0.00	1.00	1.00		
28	297+60	CROSSROAD	R1-1	STOP	36x36	1.00	7.46	0.00	1.00	1.00		
29	298+00	CROSSROAD	J13-1	DIRECTIONAL WITHOUT CARDINAL (1 HEADED ROUTE PANEL)	24x45	1.00	7.50	0.00	1.00	1.00	17	[DBA]
30	298+90	CROSSROAD	W8-70	CENTERLINE RUMBLE STRIPS	36x36	1.00	0.00	9.00	1.00	1.00		
31	298+90	CROSSROAD	W57-51	NEXT _ MILES	30x15	1.00	0.00	3.13	1.00	1.00	32	
32	299+95	RIGHT	J4-1	REASSURANCE ASSEMBLY (1 HEADED ROUTE PANEL)	24x36	1.00	6.00	0.00	1.00	1.00	NORTH	17
33	308+90	LEFT	W14-3	NO PASSING ZONE	48x36	1.00	0.00	6.00	1.00	1.00		
34	320+50	RIGHT	S3-1	SCHOOL BUS STOP AHEAD	30x30	1.00	0.00	6.25	1.00	1.00		
35	337+75	LEFT	W14-3	NO PASSING ZONE	48x36	1.00	0.00	6.00	1.00	1.00		
36	372+75		W14-3	NO PASSING ZONE	48x36	1.00	0.00	6.00	1.00	1.00		
37	373+50	CROSSROAD	R1-1	STOP	30x30	1.00	5.18	0.00	1.00	1.00		
38	408+05	RIGHT	D7-68	ROAD TO [NAME COUNTY PARK] [1] MILE	66x66	2.00	30.25	0.00	2.00	1.00	HAY MEADOW	PRAIRIE DELLS
		RIGHT	D7-68	ROAD TO [NAME COUNTY PARK] [1] MILE			0.00	0.00		1.00	HAY MEADOW	COUNTY PARK
												VIEWING AREA
39	414+00	LEFT	W14-3	NO PASSING ZONE	48x36	1.00	0.00	6.00	1.00	1.00		
40	435+50	RIGHT	J1-1	JUNCTION OR END ASSEMBLY	24x39	1.00	6.50	0.00	1.00	1.00	JCT	G
41	437+50	LEFT	W14-3	NO PASSING ZONE	48x36	1.00	0.00	6.00	1.00	1.00		
42	440+95	RIGHT	J13-1	DIRECTIONAL WITHOUT CARDINAL (1 HEADED ROUTE PANEL)	24x45	1.00	7.50	0.00	1.00	1.00	G	[RA]
43	442+00	CROSSROAD	R1-1	STOP	30x30	1.00	5.18	0.00	1.00	1.00		
44	442+20	CROSSROAD	J13-1	DIRECTIONAL WITHOUT CARDINAL (1 HEADED ROUTE PANEL)	24x45	1.00	7.50	0.00	1.00	1.00	17	[DBA]
45	443+10	RIGHT	J4-1	REASSURANCE ASSEMBLY (1 HEADED ROUTE PANEL)	24x36	1.00	6.00	0.00	1.00	1.00	NORTH	17
SUB TOTAL						54	204.31	141.76	54	55		

3

PERMENANT SIGNING

SIGN NUMBER	STATION	POSITION	CODE	DESCRIPTION	SIZE (IN)	634.0616	637.2210	637.2230	638.3000	638.2602	REMARKS	REMARKS
						WOOD	SIGNS	SIGNS	REMOVING	REMOVING		
						POSTS	TYPE II	TYPE II	SMALL	SIGNS		
						4X6	REFLECTIVE H	REFLECTIVE F	SIGNS	TYPE II		
						16-FT			SUPPORTS			
						EACH	SF	SF	EACH	EACH		
46	451+60	LEFT	J1-1	JUNCTION COUNTY G	24X39	1.00	6.50	0.00		1.00		
47	442+10	LEFT	J13-1	DIRECTIONAL WITHOUT CARDINAL (1 HEADED ROUTE PANEL)	24X45	2.00	7.50	0.00	1.00	2.00	G	[DBA]
48	441+50	CROSSROAD	R1-1	STOP	30X30	1.00	5.18	0.00	1.00	1.00		
49	440+99	CROSSROAD	J13-1	DIRECTIONAL WITHOUT CARDINAL (1 HEADED ROUTE PANEL)	24X45	2.00	7.50	0.00	1.00	2.00	17	[DBA]
50	440+00	CROSSROAD	J4-1	REASSURANCE ASSEMBLY (1 HEADED ROUTE PANEL)	24X36	1.00	3.00	0.00	1.00	1.00	SOUTH	17
51	419+15	CROSSROAD	R1-1	STOP	30X30	1.00	5.18	0.00	1.00	1.00		
52	411+75	LEFT	W14-3	NO PASSING ZONE	48X36	1.00	0.00	6.00	1.00	1.00		
53	379+90	LEFT	W14-3	NO PASSING ZONE	48X36	1.00	0.00	6.00	1.00	1.00		
54	372+60	LEFT	I-55-56	ADOPT-A-HIGHWAY [SPONSOR]	24X30	1.00	5.00	0.00	1.00	1.00	MERRIL HIGH SCHOOL EARTH CLUB	
55	338+10	LEFT	W14-3	NO PASSING ZONE	48X36	1.00	0.00	6.00	1.00	1.00		
55A	312+75	LEFT	W14-3	NO PASSING ZONE	48X36	1.00	0.00	6.00	1.00	1.00		
56	306+00	LEFT	J1-1	JUNCTION OR END ASSEMBLY	24X39	1.00	6.50	0.00	1.00	1.00	JCT	C
57	306+00	LEFT	D1-1	ONE DESTINATION (ARROW)	72x15	2.00	7.50	0.00	1.00	2.00	(LA) DEERBROOK	
58	297+90	LEFT	J13-1	DIRECTIONAL WITHOUT CARDINAL (1 HEADED ROUTE PANEL)	24X45	2.00	7.50	0.00	1.00	2.00	C	[DBA]
59	297+10	CROSSROAD	R1-1	STOP	30X30	1.00	5.18	0.00	1.00	1.00		
60	296+90	CROSSROAD	J13-1	DIRECTIONAL WITHOUT CARDINAL (1 HEADED ROUTE PANEL)	24X45	2.00	7.50	0.00	1.00	2.00	17	[DBA]
61	295+90	CROSSROAD	J4-1	REASSURANCE ASSEMBLY (1 HEADED ROUTE PANEL)	24X36	1.00	6.00	0.00	1.00	1.00	SOUTH	17
62	294+90	LEFT	W8-70	CENTERLINE RUMBLE STRIPS	36X36	1.00	0.00	9.00	1.00	1.00		
63	294+90	LEFT	W57-51	NEXT _ MILES	30X15		0.00	3.13	1.00	1.00	4	
64	285+45	LEFT	W14-3	NO PASSING ZONE	48X36	1.00	0.00	6.00	1.00	1.00		
65	273+00	LEFT	S3-1	SCHOOL BUS STOP AHEAD	30X30	1.00	0.00	6.25	1.00	1.00		
66	280+00	LEFT	W14-3	NO PASSING ZONE	48X36	1.00	0.00	6.00	1.00	1.00		
67	257+50	LEFT	S3-1	SCHOOL BUS STOP AHEAD	30X30	1.00	0.00	6.25	1.00	1.00		
68	221+25	LEFT	I-55-56	ADOPT A HIGHWAY	30X36	1.00	5.00	0.00	1.00	1.00	ROTARY CLUB OF MERRILL	
69	201+25	CROSSROAD	R1-1	STOP	30X30	1.00	5.18	0.00	1.00	1.00		
70	172+40	LEFT	W14-3	NO PASSING ZONE	48X36	1.00	0.00	6.00	1.00	1.00		
71	157+00	CROSSROAD	R1-1	STOP	30X30	1.00	5.18	0.00	1.00	1.00		
72	146+90	LEFT	W2-2	SIDE ROAD (90 DEGREES)	30X30	1.00	9.00	0.00	1.00	1.00		
73	138+90	CROSSROAD	R1-1	STOP	30X30	1.00	5.18	0.00	1.00	1.00		
74	129+80	LEFT	W14-3	NO PASSING ZONE	48X36	1.00	0.00	6.00	1.00	1.00		
75	128+50	LEFT	W2-2	SIDE ROAD (90 DEGREES)	30X30	1.00	9.00	0.00	1.00	1.00		
76	120+50	LEFT	R1-1	STOP	30X30	1.00	5.18	0.00	1.00	1.00		
77	115+75	LEFT	W1-2-L	LEFT CURVE	30X30	1.00	0.00	6.25	1.00	1.00		
78	115+75	LEFT	W13-1	ADVISORY SPEED PLATE (YELLOW BACK)	18X18	1.00	0.00	6.25	1.00	1.00	50	
79	114+00	LEFT	I-55-56	ADOPT-A-HIGHWAY [SPONSOR]	24X30	1.00	5.00	0.00	1.00	1.00	KIWANIS CLUB OF	GREATER MERRILL
80	111+50	CROSSROAD	R1-1	STOP	30X30	1.00	5.18	0.00	1.00	1.00		
81	111+00	RIGHT	W1-8	CHEVRON	18x24	0.00	0.00	5.00	1.00	0.00		
82	111+00	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
83	109+90	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
84	109+90	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
85	108+10	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
86	108+70	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
87	106+90	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
88	106+90	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
89	105+00	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
90	105+00	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
91	103+50	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
92	103+50	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
93	101+90	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
94	101+90	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
95	100+40	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
96	100+40	LEFT	W1-8	CHEVRON	18x24	0.00	0.00	3.00	1.00	0.00		
97	89+90	LEFT	W14-3	NO PASSING ZONE	48X36	1.00	0.00	6.00	1.00	1.00		
99	84+40	LEFT	J4-1	REASSURANCE ASSEMBLY (1 HEADED ROUTE PANEL)	24X36	1.00	3.00	0.00	1.00	1.00	JCT	G
100	81+90	LEFT	R3-20-R	BEGIN RIGHT TURN LANE WITH DOWN LEFT ARROW	24X36	1.00	3.00	0.00	1.00	1.00		
101	72+60	LEFT	J13-1	DIRECTIONAL WITHOUT CARDINAL (1 HEADED ROUTE PANEL)	24X45	2.00	7.50	0.00	1.00	2.00	G	[DBA]
102	71+90	CROSSROAD	R1-1	STOP	36x36	1.00	7.46	0.00	1.00	1.00		
103	71+15	CROSSROAD	R1-1	STOP	36X36	1.00	7.46	0.00	1.00	1.00		
103A	71+15	LEFT	R5-1	DO NOT ENTER	36X36	1.00	9.00					
104	70+00	LEFT	J4-1	REASSURANCE ASSEMBLY (1 HEADED ROUTE PANEL)	24X36	1.00	6.00	0.00	1.00	1.00	SOUTH	17
105	56+75	LEFT	W14-3	NO PASSING ZONE	48X36	1.00	0.00	6.00	1.00	1.00		
106	34+75	LEFT	J1-3	JUNCTION OR END ASSEMBLY (3HEADED PANEL)	72X39	2.00	19.50	0.00	2.00	2.00	JCT JCT END	64 W 17
107	31+75	LEFT	W3-1	STOP AHEAD	36X36	1.00	9.00	0.00	1.00	1.00		
108	29+50	LEFT	J2-4	ROUTE TURN ASSEMBLY (4 HEADED ROUTE PANEL)	96X57	2.00	30.88	0.00	1.00	2.00	EAST BLANK WEST TC	64 W 64 51
109	25+60	LEFT	D1-3	TRIPLE DESTINATION /ARROW	60X36	1.00	15.00	0.00	2.00	1.00	[RA] ANTIGO	WAUSAU (RA)
		CROSSROAD	R1-1	STOP	36X36	1.00	7.46	0.00	1.00	1.00		
		LEFT	J3-3	DIRECTIONAL ASSEMBLY (3 HEADED PANEL)	72X57	2.00	28.50	0.00	2.00	2.00	EAST WEST TO	64 64 51
PAGE 2 TOTAL						59	287.70	147.13	68	59		
PAGE 1 TOTAL						54.00	204.31	141.76	54	55		
GRAND TOTAL						113.00	492.01	288.89	122.00	114.00		

PROJECT NO: 9030-03-70

HWY: STH 17

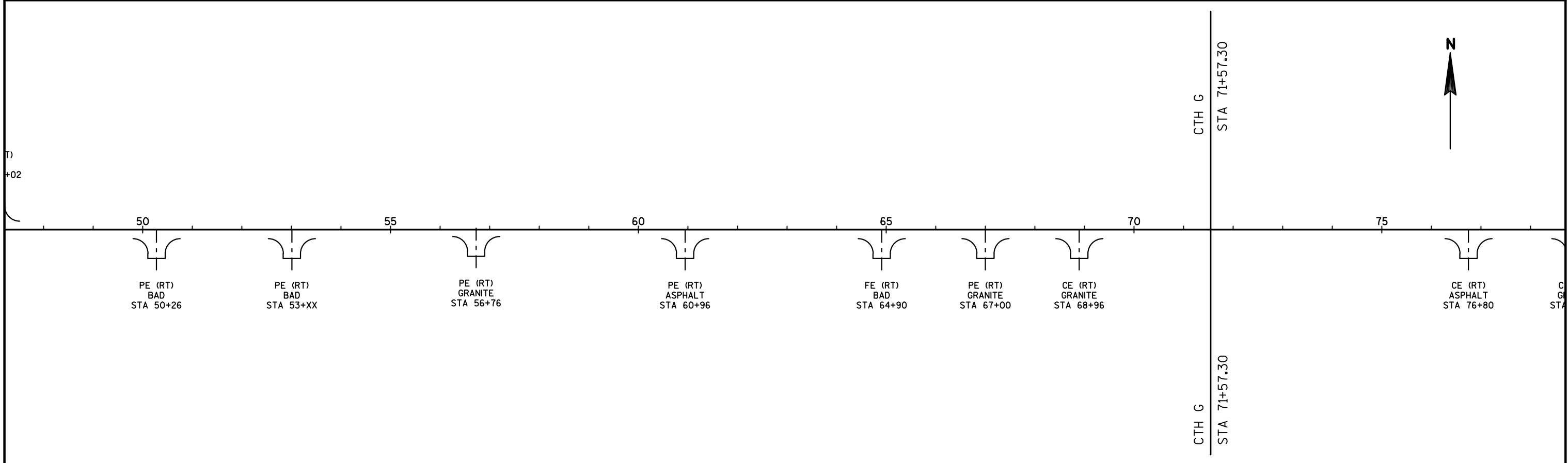
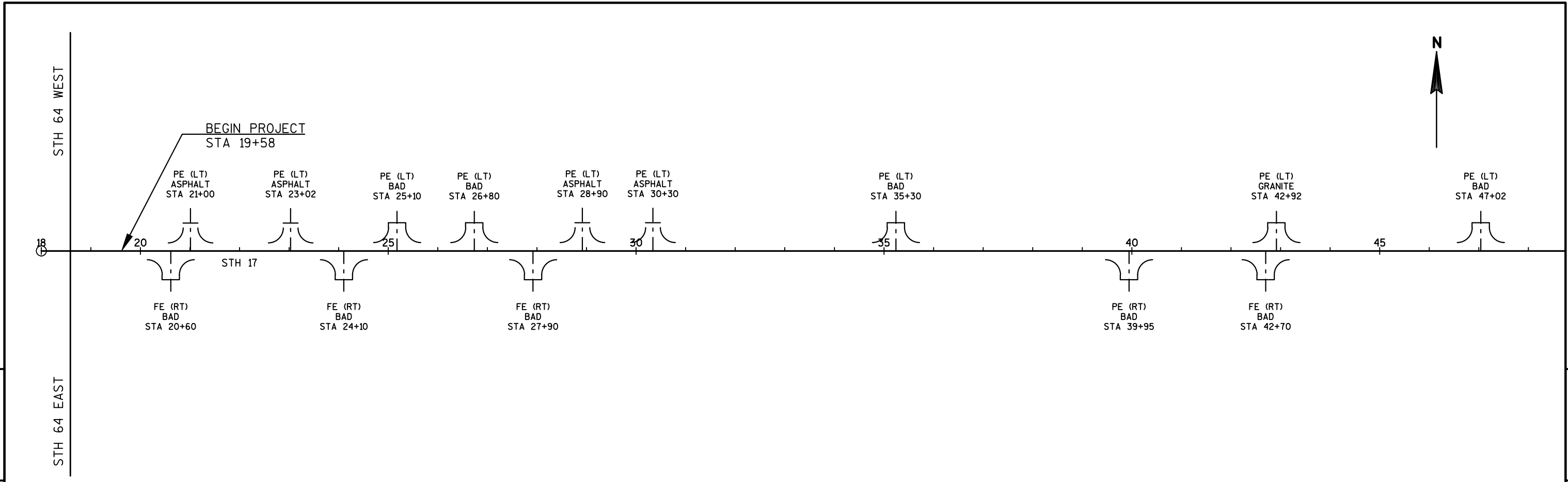
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MISCELLANEOUS QUANTITIES

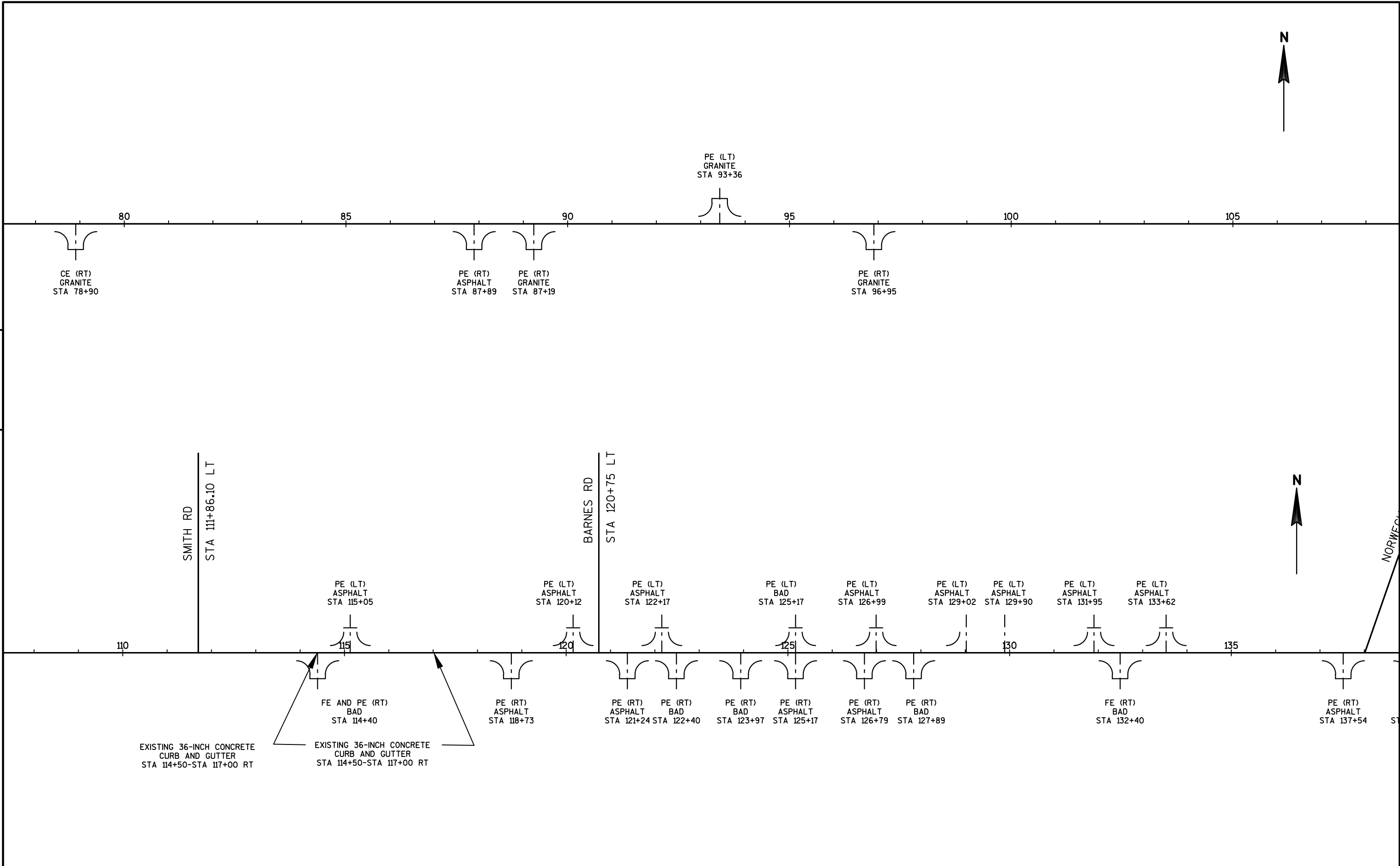
SHEET:

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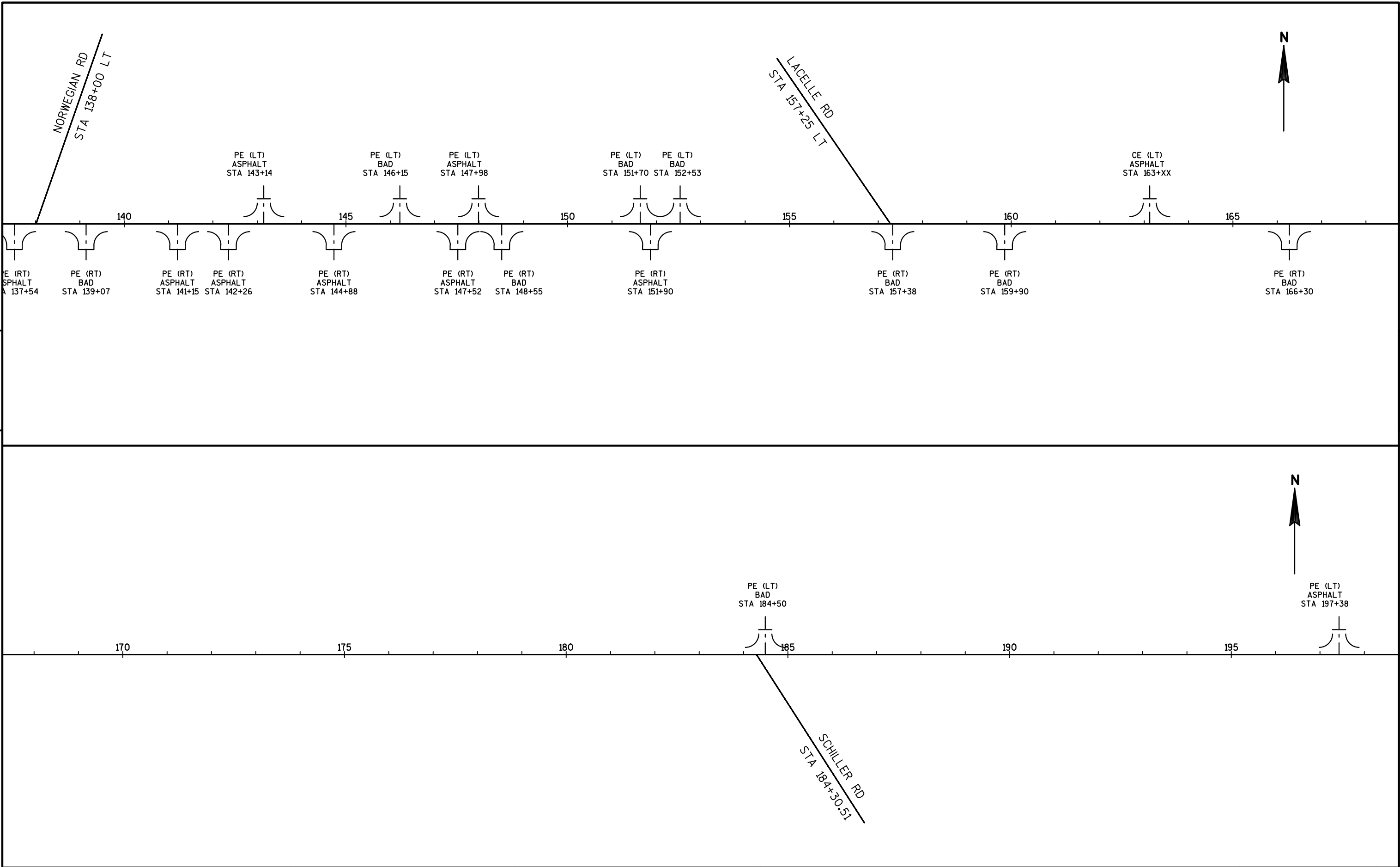
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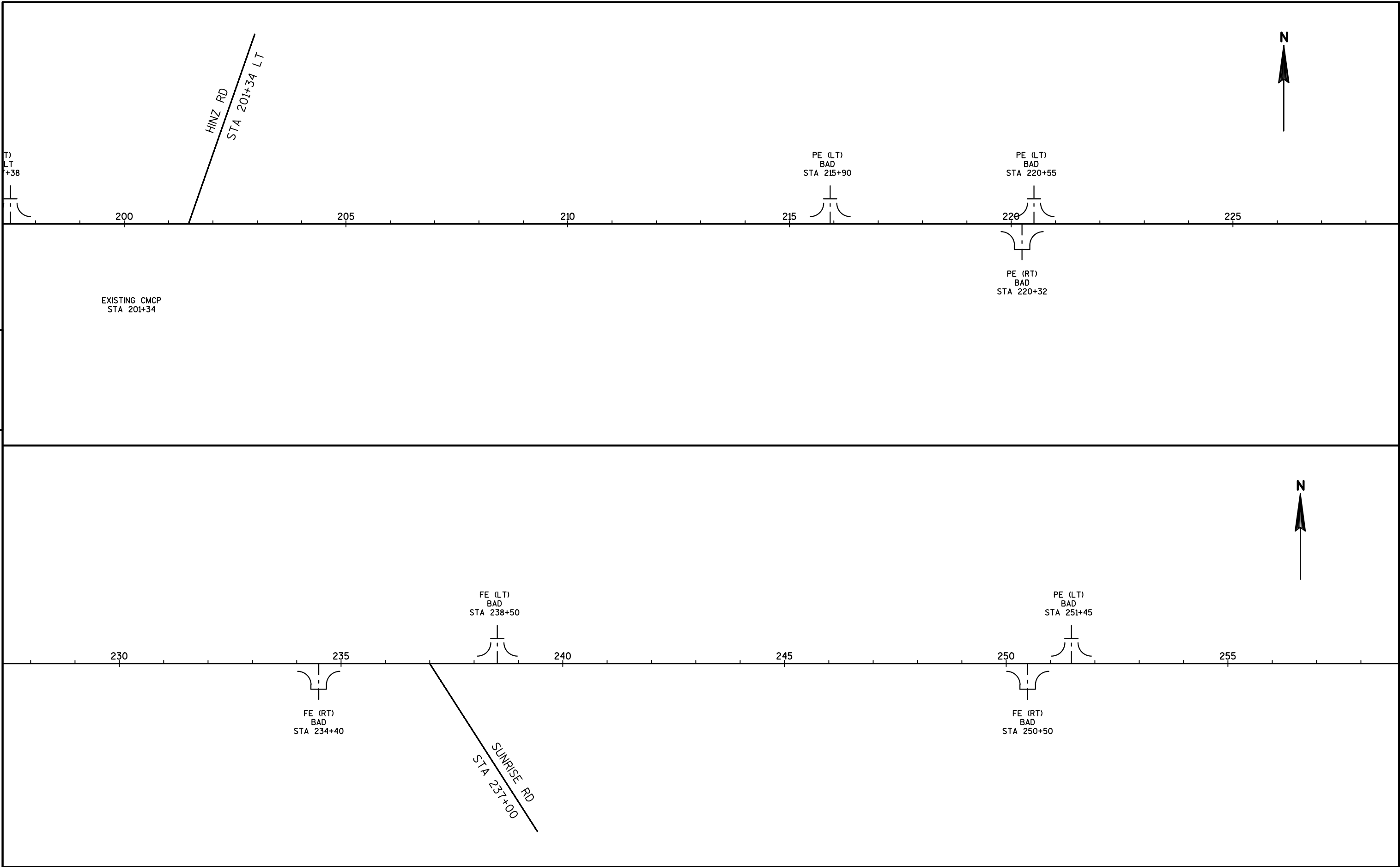
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PROJECT NO:9030-03-70	HWY:STH 17	COUNTY:LINCOLN	LINE DIAGRAM	SHEET	E
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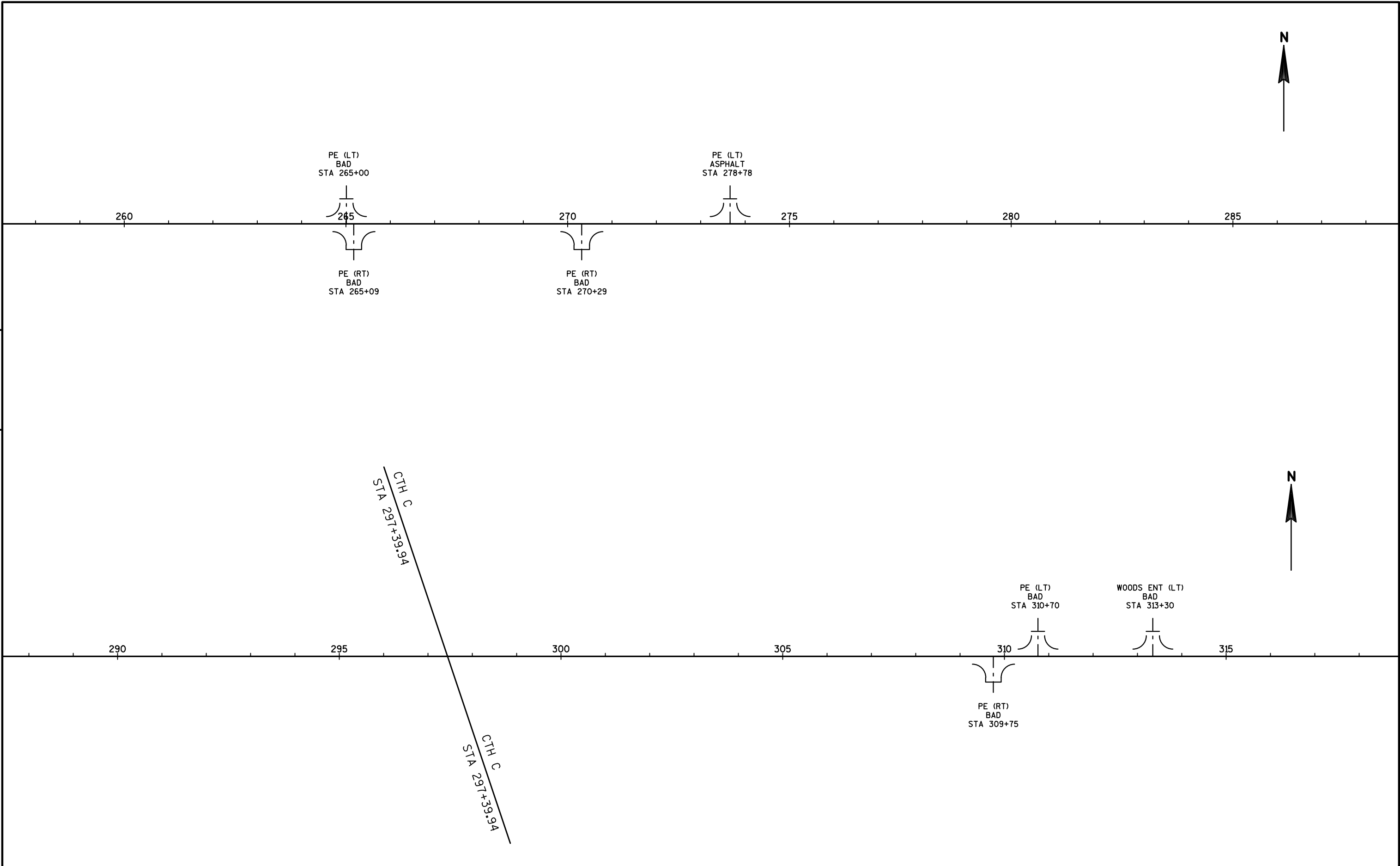
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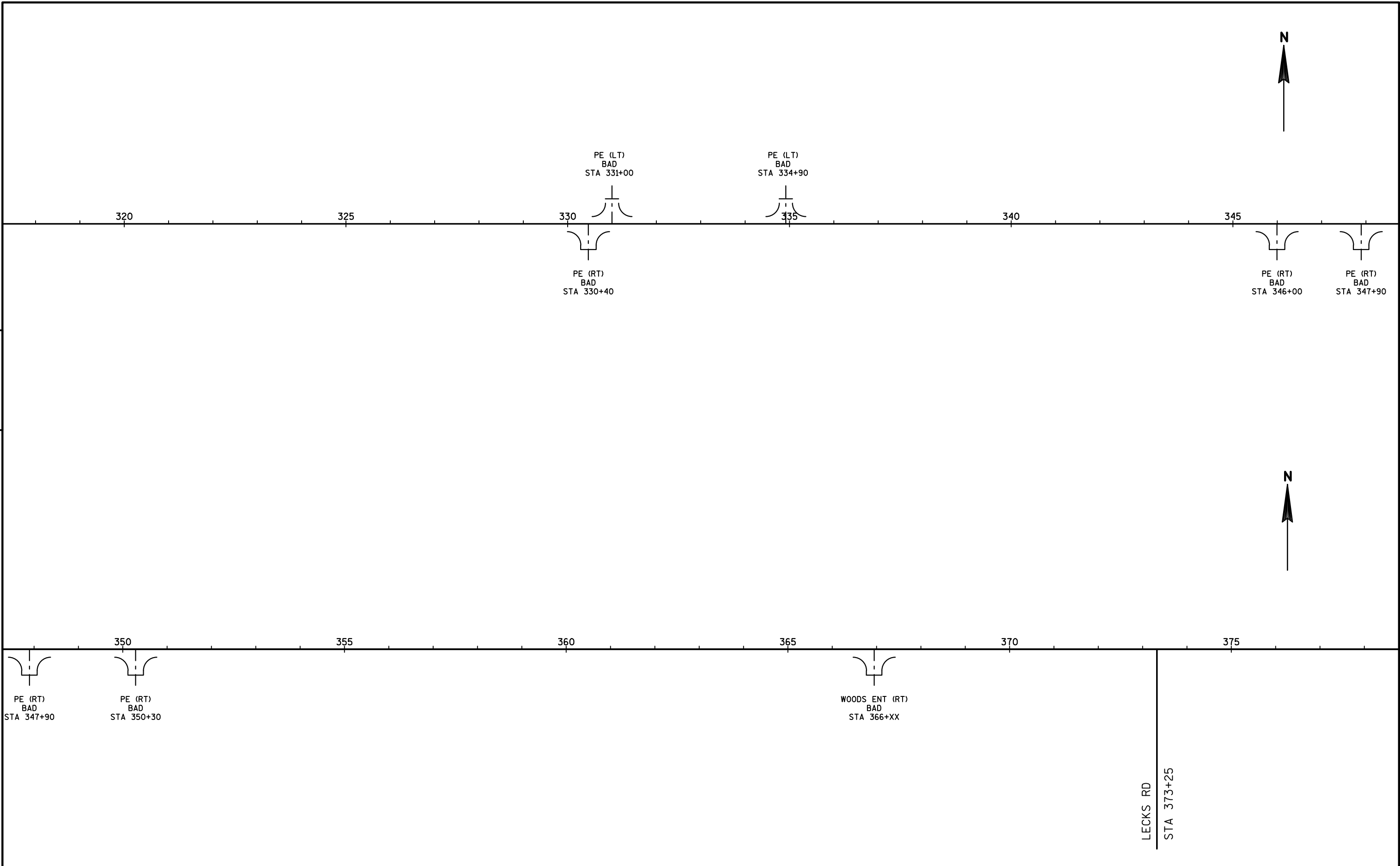
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5

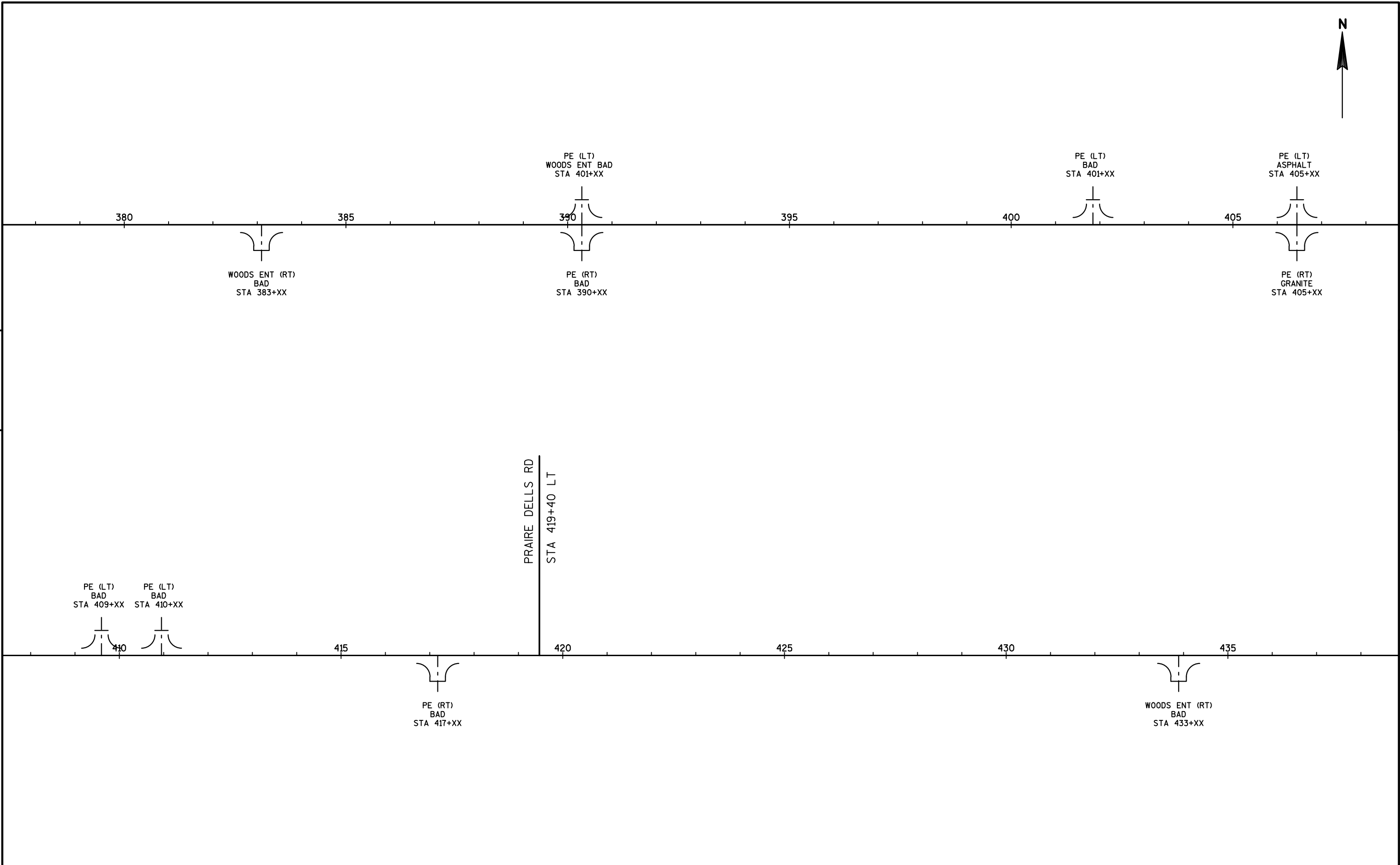
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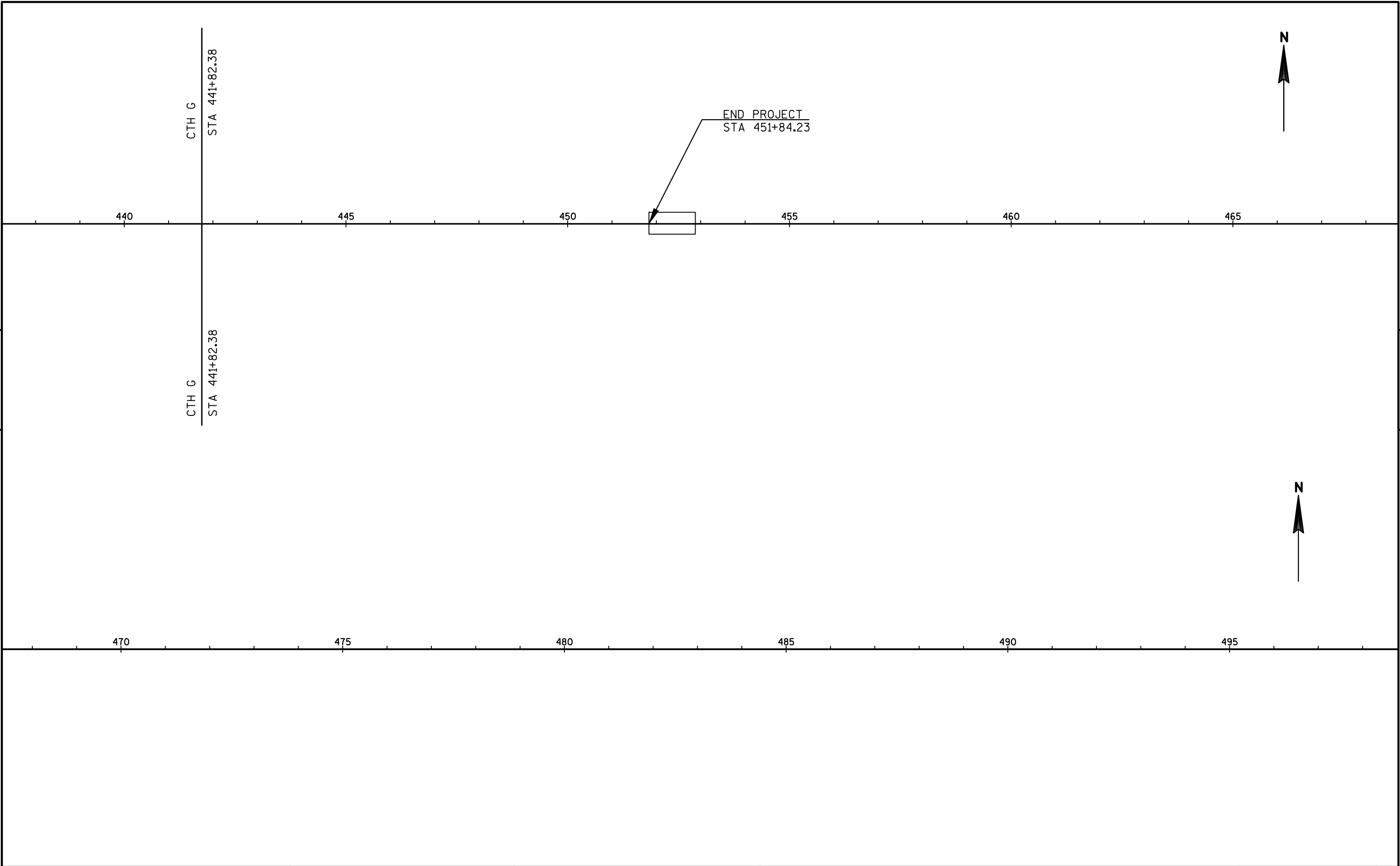
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PROJECT NO:9030-03-70	HWY:STH 17	COUNTY:LINCOLN	LINE DIAGRAM	SHEET	E
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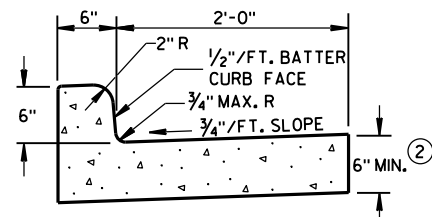
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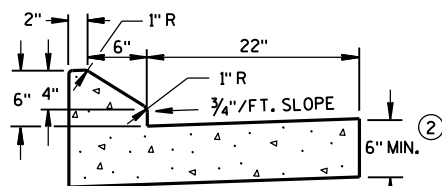
PROJECT NO: 9030-03-70	HWY: STH 17	COUNTY: LINCOLN	LINE DIAGRAM	SHEET	E
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Standard Detail Drawing List

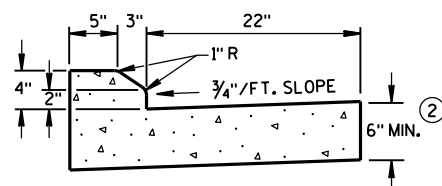
08D01-18	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
14A02-01	TREE PLANTING DETAIL
15C04-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16E	PAVEMENT MARKING (LEFT TURN LANE)
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C34-01	STANDARD APPLICATION FOR TEMPORARY RAISED PAVEMENT MARKER, TYPE 2



TYPES A & D ①

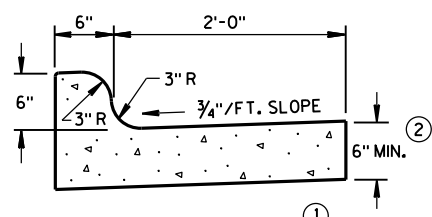


6" SLOPED CURB TYPES G & J ①



4" SLOPED CURB TYPES G & J ①

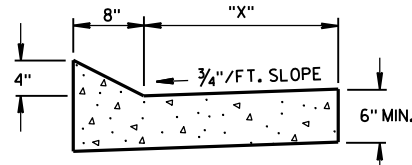
CONCRETE CURB & GUTTER 30"



TYPES K & L ①

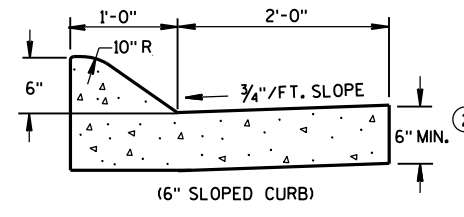
OPTIONAL CURB SHAPE
FOR TYPES K & L ①

CONCRETE CURB & GUTTER 30"

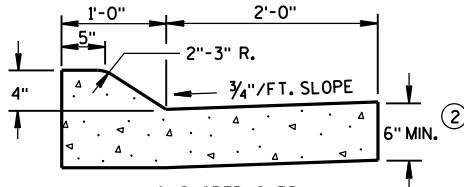


TYPES TBT & TBT ①
CONCRETE CURB & GUTTER

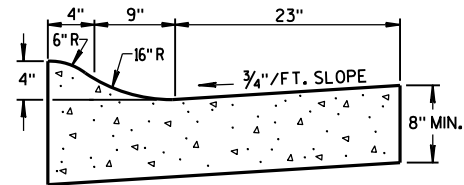
TBT & TBT	"X"
30"	22"
36"	28"



(6" SLOPED CURB)

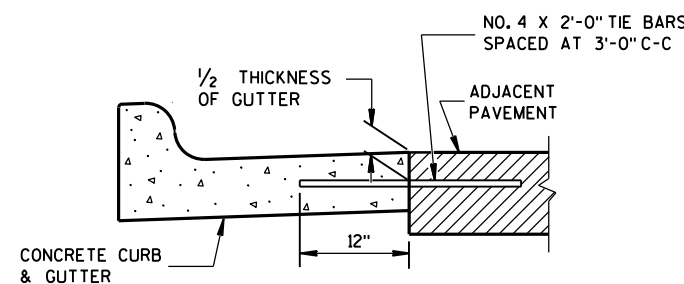


TYPES A & D ①

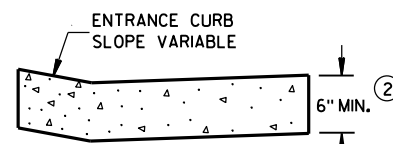


4" SLOPED CURB TYPES R & T ① ④

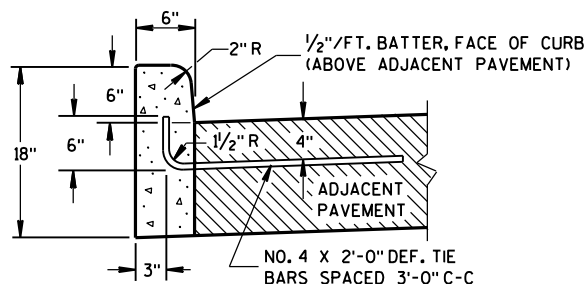
CONCRETE CURB & GUTTER 36"



TYPICAL TIE BAR LOCATION ①

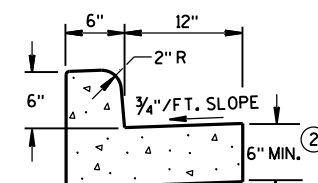


DRIVEWAY ENTRANCE CURB
(WHEN DIRECTED BY THE ENGINEER)

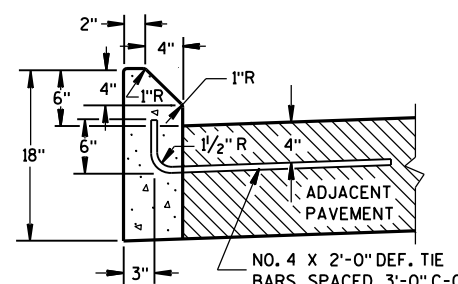


TYPES A & D ①

CONCRETE CURB



TYPES A & D
CONCRETE CURB & GUTTER 18"



TYPES G & J ①

GENERAL NOTES

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

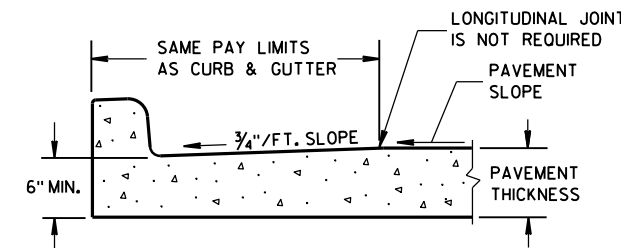
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

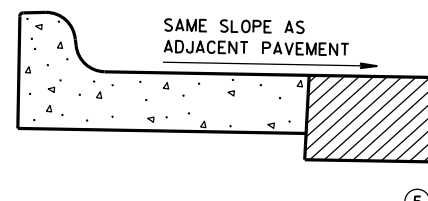
WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

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

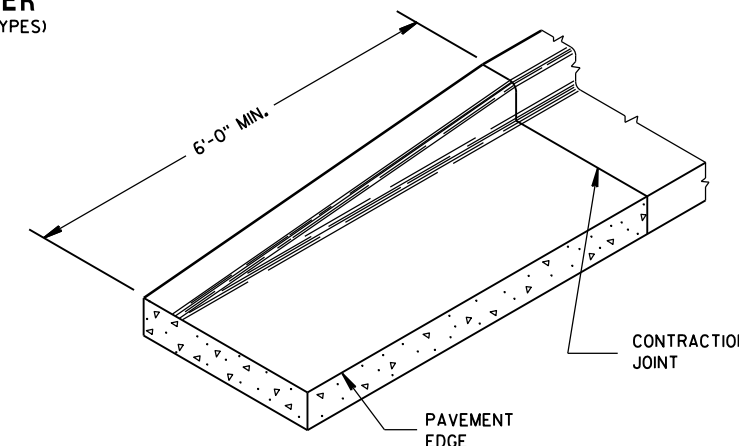
- ① TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBT.
- ② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ③ THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ④ THE FACE OF CURB IS 6" FROM THE BACK OF CURB.
- ⑤ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.



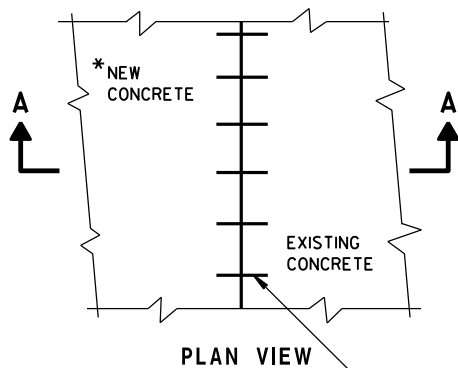
PARTIAL SECTION OF PAVEMENT
WITH INTEGRAL CURB & GUTTER



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



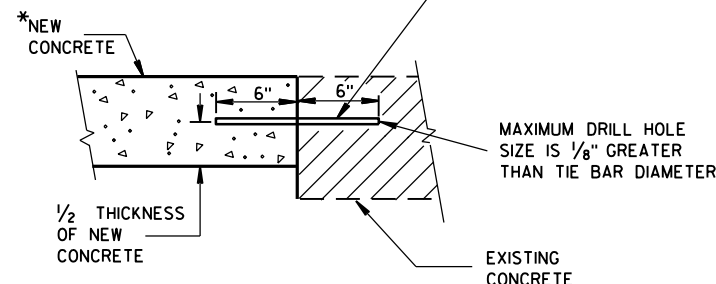
END SECTION CURB & GUTTER



PLAN VIEW

* NEW CURB & GUTTER,
SURFACE DRAINS,
CONCRETE PAVEMENT
OR OTHER NEW CONCRETE.

NO. 6 TIE BARS SPACED 2'-6" C-C,
INSTALLED PERPENDICULAR
TO THE LONGITUDINAL JOINT.

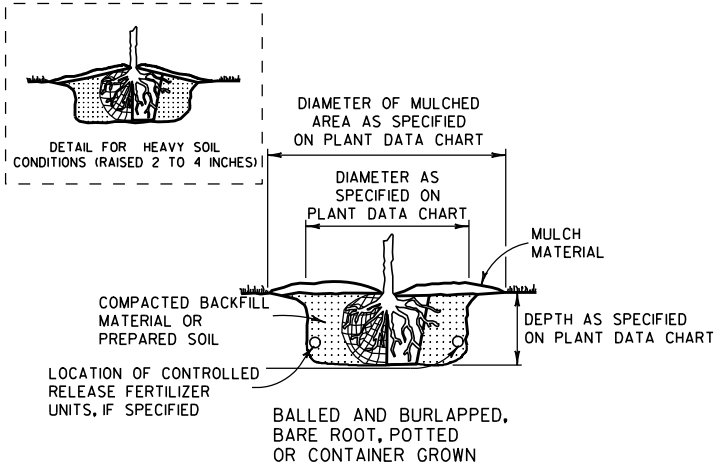
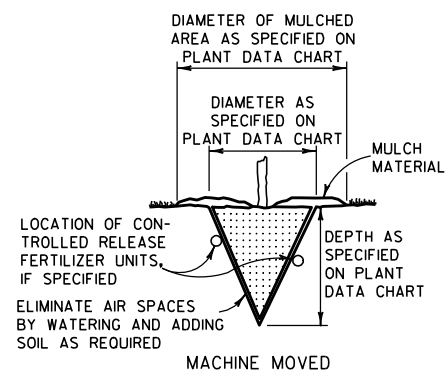


SECTION A-A
TIE BARS DRILLED
INTO EXISTING PAVEMENT

CONCRETE CURB, CONCRETE
CURB & GUTTER AND TIES

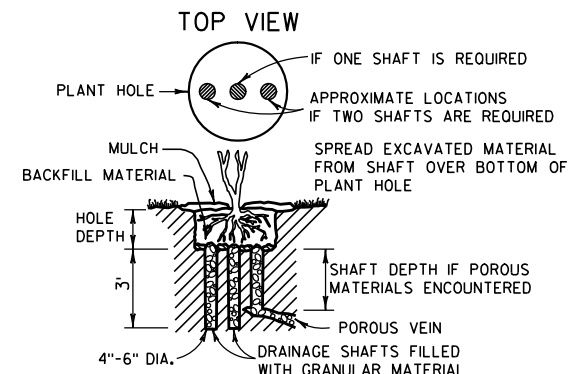
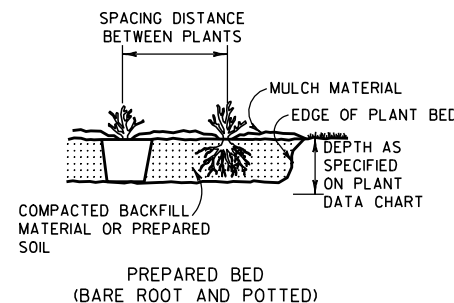
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 /S/ Jerry H. Zogg
DATE ROADWAY STANDARDS DEVELOPMENT
ENGINEER
FHWA



ACCOMMODATE ROOTS
(SMOOTH AND STAGHORN SUMAC)

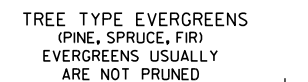
NOTE:
1) ENGINEER SHALL REQUIRE 3 SLITS IN POT TO SPEED DETERIORATION
2) METAL, PLASTIC OR OTHER NONDEGRADABLE POTS SHALL BE REMOVED PRIOR TO PLANTING



NOTE:
DRAINAGE SHAFT AS SPECIFIED ON PLANT DATA CHART

DRAINING

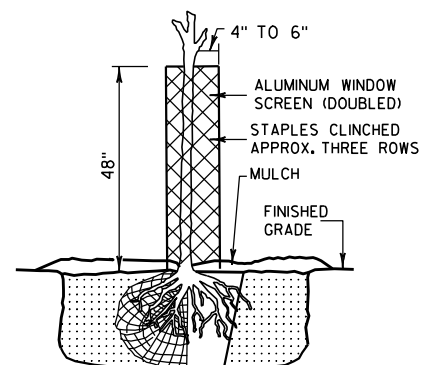
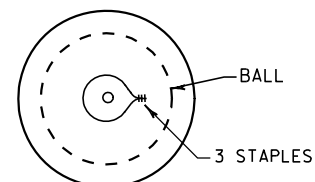
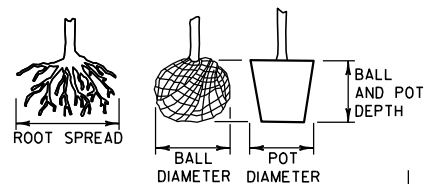
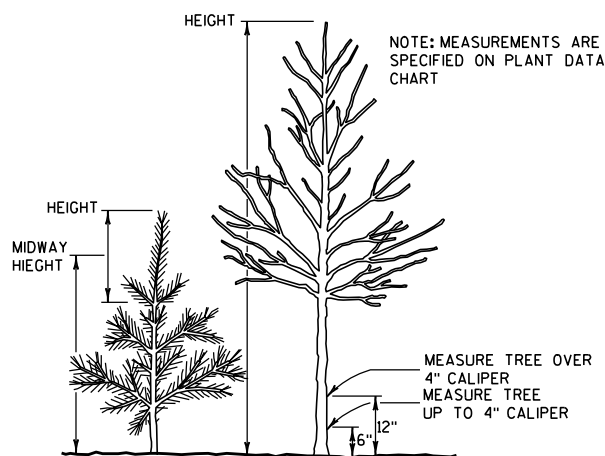
NOTE: WHEN PRUNING, PRESERVE CHARACTER AND SHAPE OF TREE. AVOID LEAVING STUBS - REMOVE BRANCH OR TWIG BACK TO THE NEAREST CROTCH
1) PRUNE TO REMOVE DEAD AND BROKEN BRANCHES
2) PRUNE TO REMOVE BRANCHES THAT TOUCH OR ARE TOO CLOSE TO OTHER BRANCHES



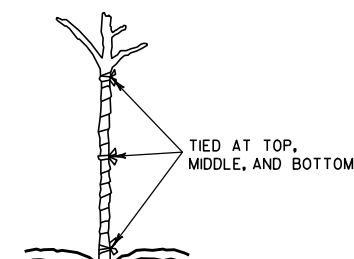
PRUNE LEAST VIGOROUS OF TWO LEADERS BACK TO MAIN TRUNK

REMOVE BROKEN BRANCHES

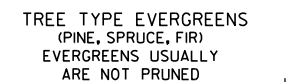
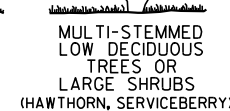
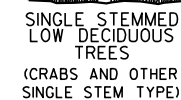
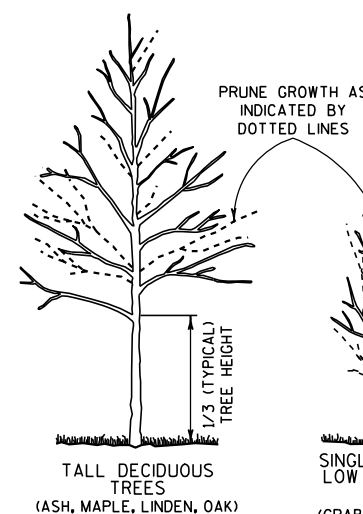
PRUNING



RODENT PROTECTION



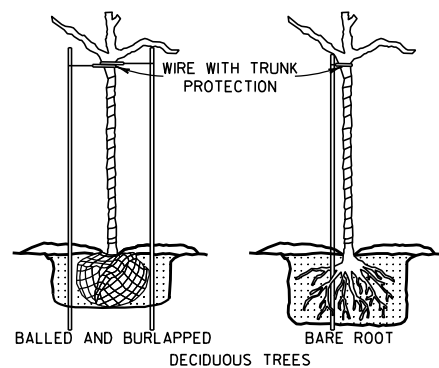
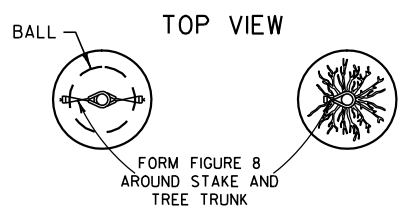
WRAPPING



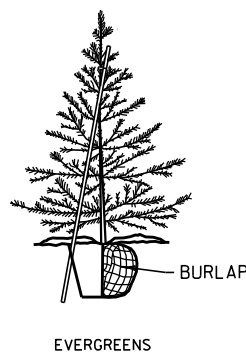
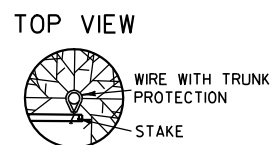
PRUNE LEAST VIGOROUS OF TWO LEADERS BACK TO MAIN TRUNK

REMOVE BROKEN BRANCHES

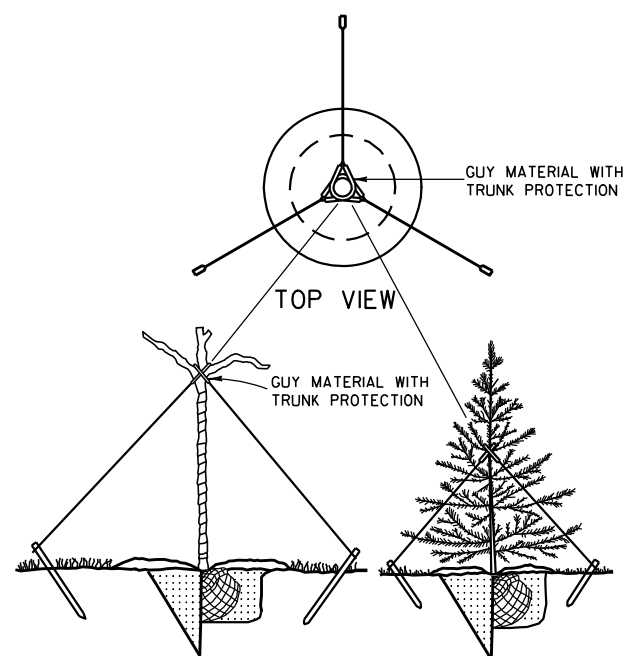
PRUNING



BRACING

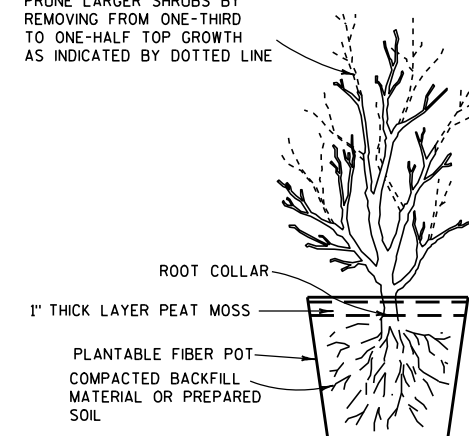


NOTE: BRACING STAKE
1) SHALL BE DRIVEN INTO THE GROUND AS CLOSE TO THE TREE AS POSSIBLE WITHOUT DAMAGING THE BRANCHES.
2) MAY BE DRIVEN AT SUCH AN ANGLE THAT IT DOES NOT PENETRATE THE BALL OR POT.
3) SHALL NOT PROTRUDE ABOVE THE TOP OF THE TREE; AND
4) SHALL HAVE A HOLE NEAR THE TOP TO HOLD THE WIRE IN PLACE.



GUYING

PRUNE LARGER SHRUBS BY REMOVING FROM ONE-THIRD TO ONE-HALF TOP GROWTH AS INDICATED BY DOTTED LINE



POTTING

NOTES

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

BRACING, WRAPPING, GUYING, RODENT PROTECTION, FERTILIZER AND MULCH SHALL BE USED ONLY WHEN SPECIFIED ON THE PLANT DATA CHART (PART OF PLAN) OR SPECIAL PROVISIONS.

TREE PLANTING DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

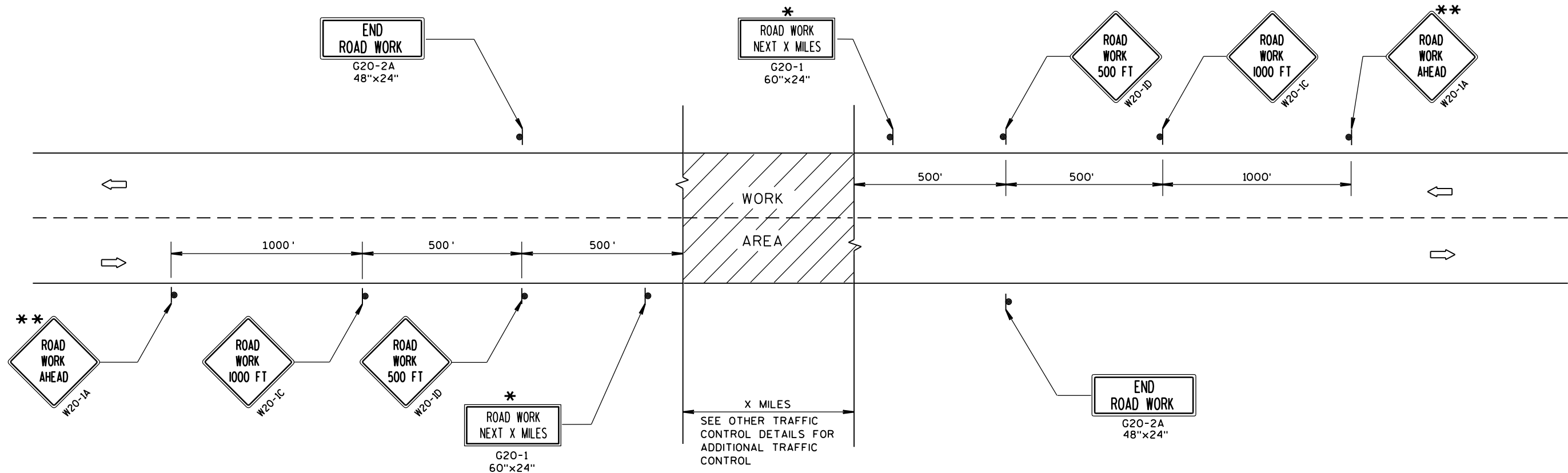
4/11/94

DATE

/S/ Rory L. Rhinesmith

CHIEF METHODS DEVELOPMENT ENGINEER

FHWA



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.

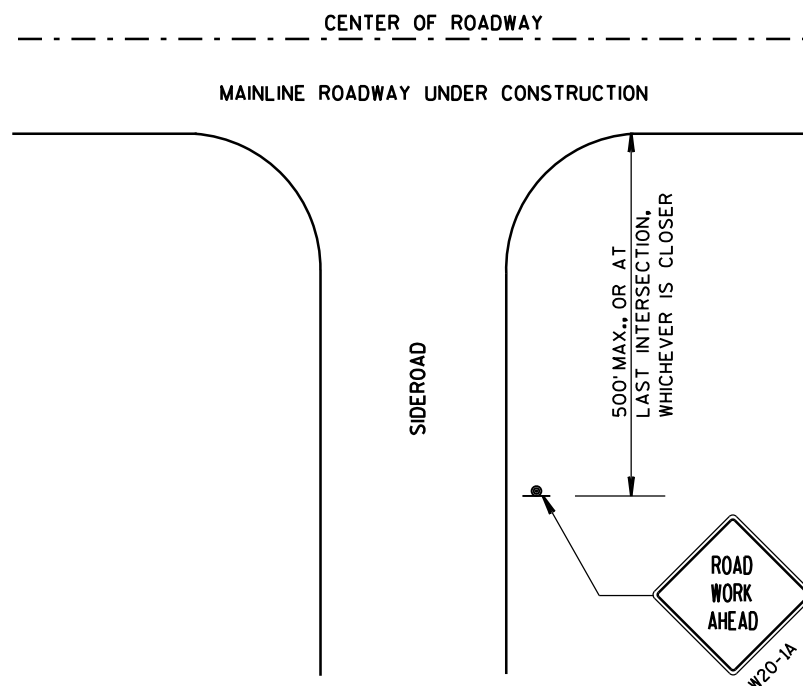
ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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.

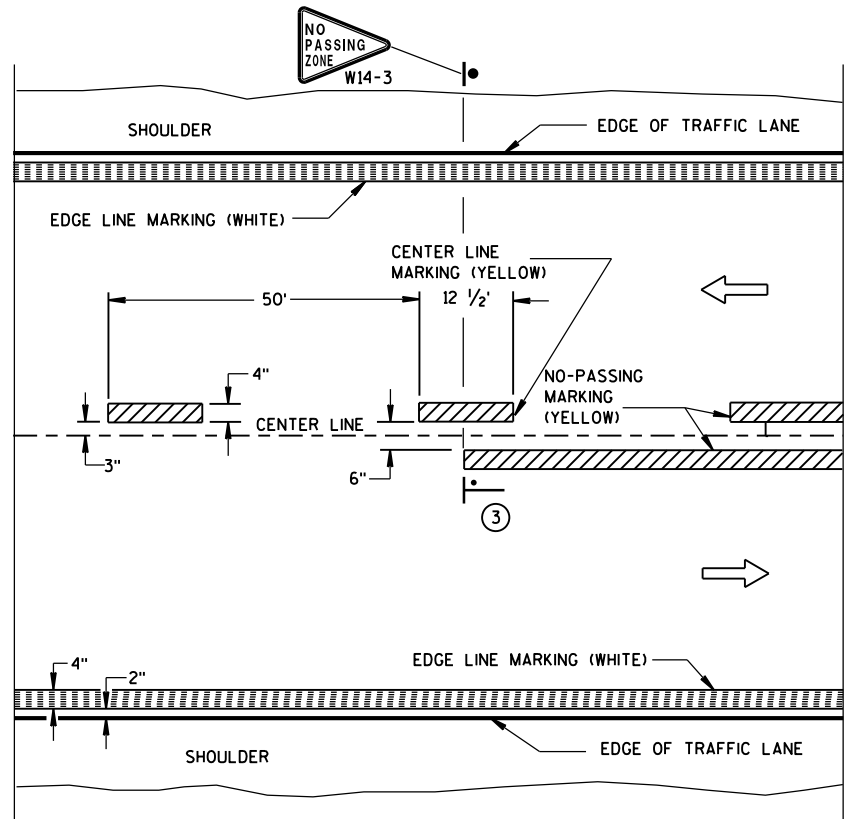
** PLACE ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



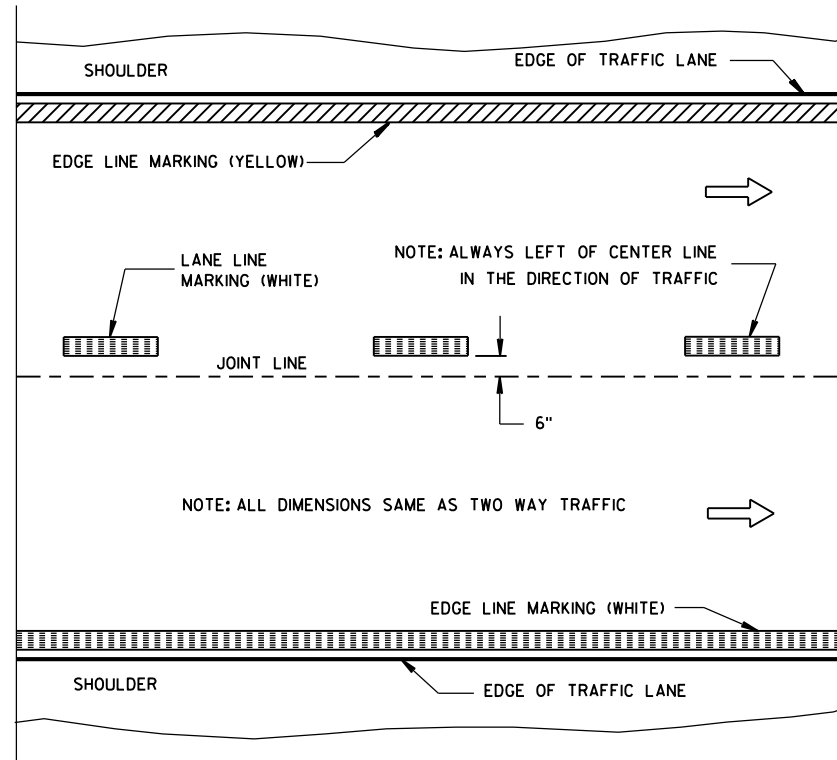
LEGEND

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

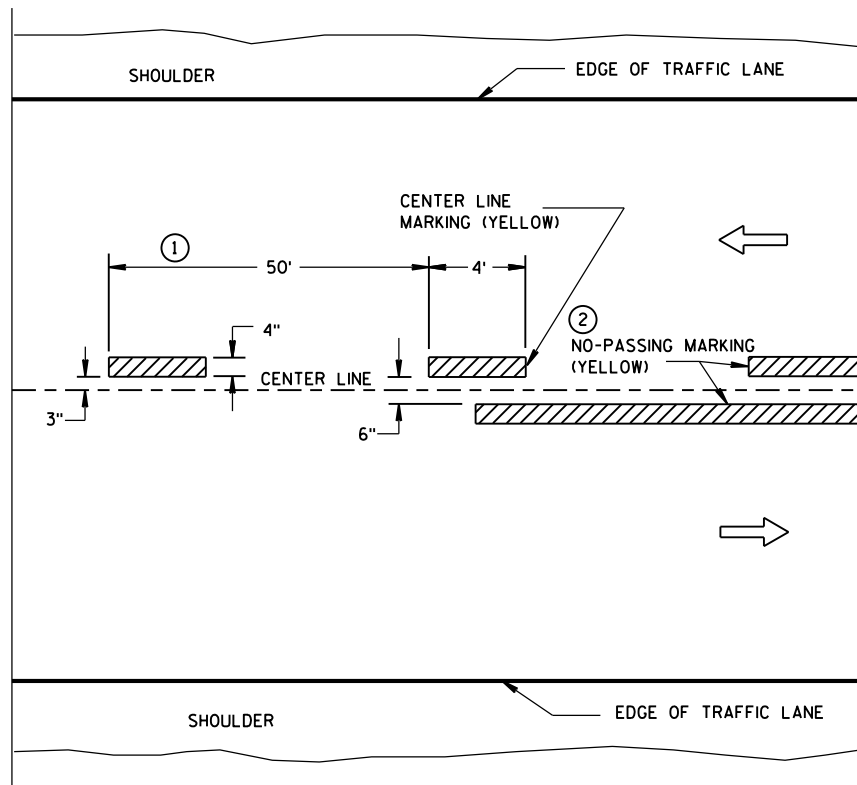


TWO WAY TRAFFIC

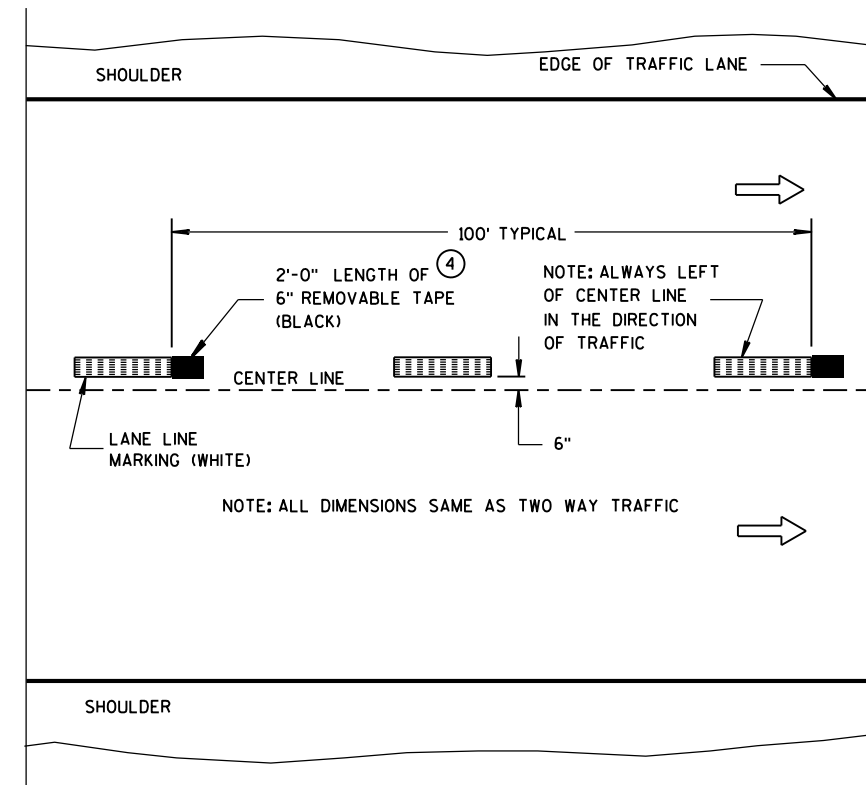


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

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

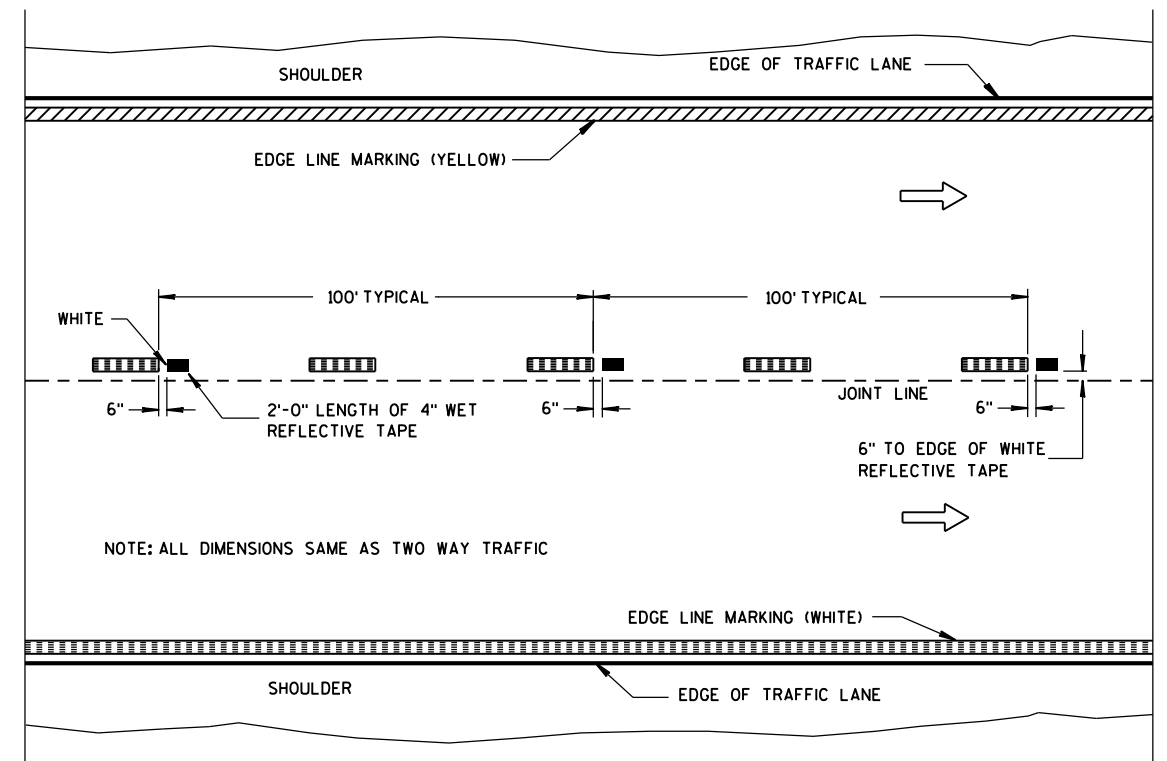
GENERAL NOTES

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

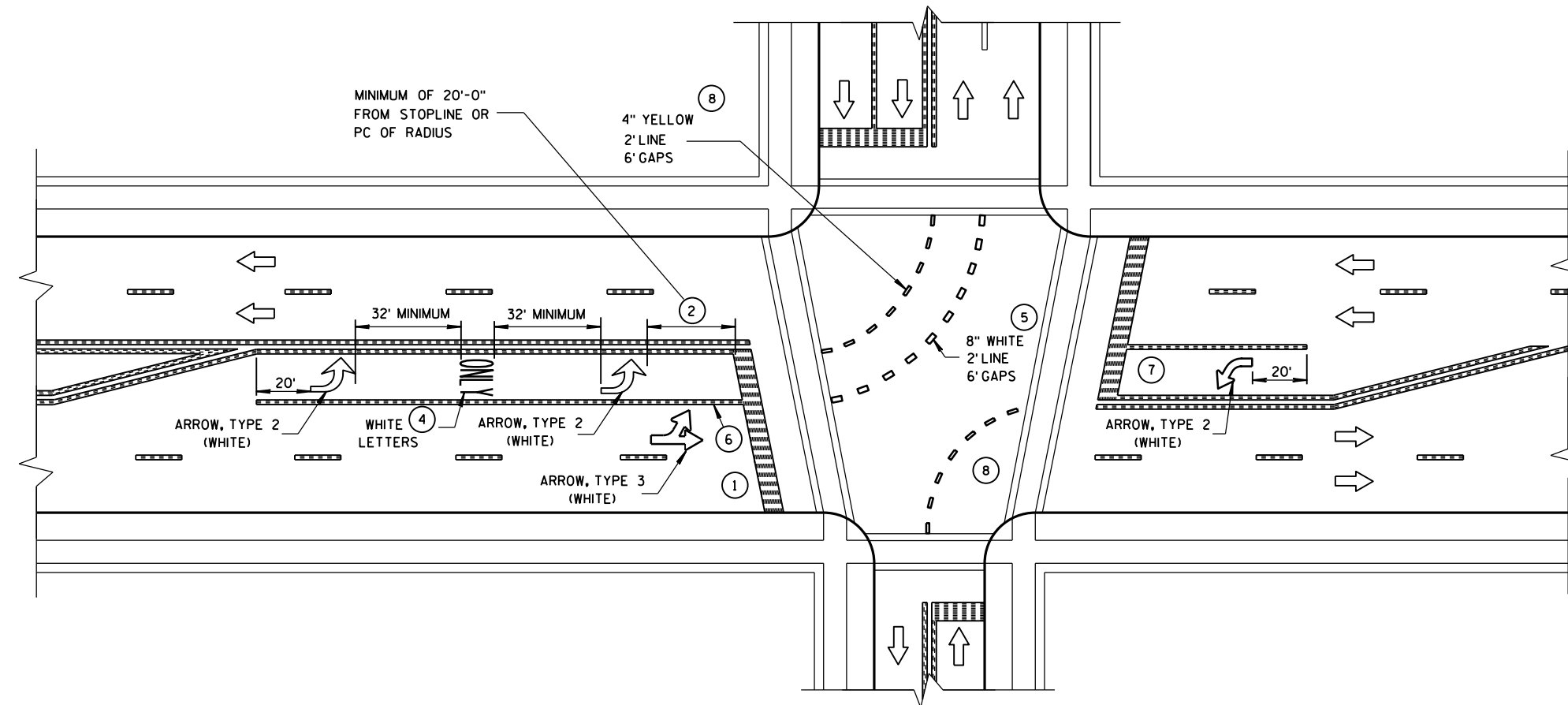
LEGEND

- "T" MARKING
- POST MOUNTED SIGN

PAVEMENT MARKING
(MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

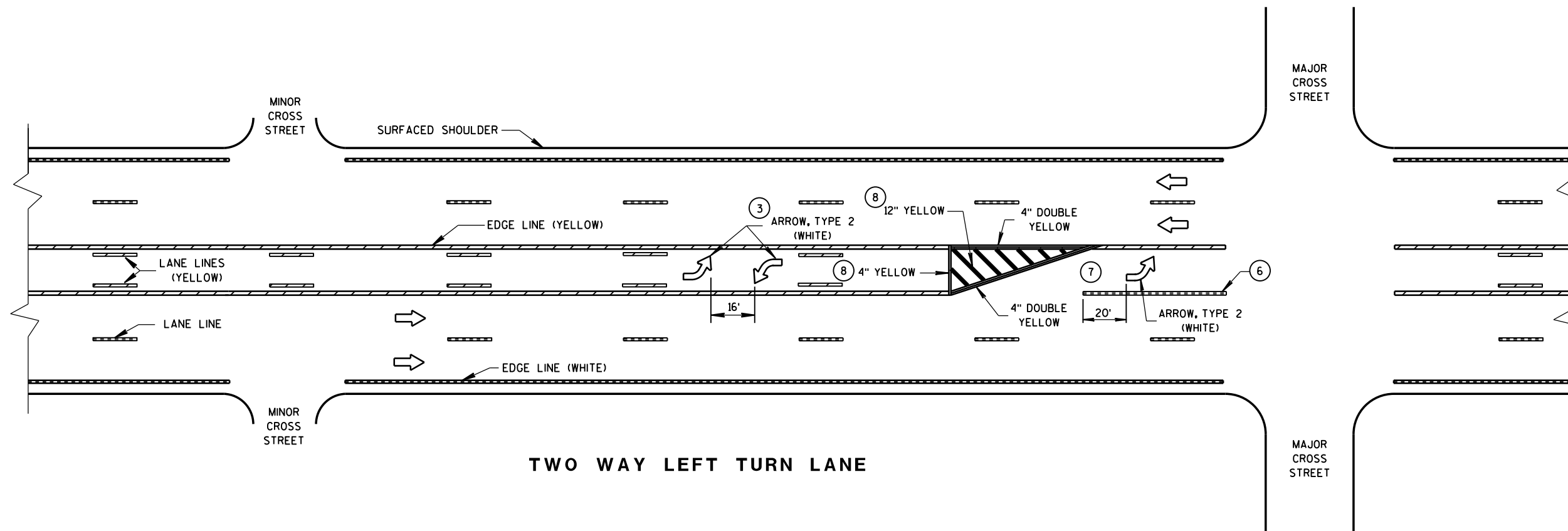
APPROVED
5-13-2013 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER
FHWA



GENERAL NOTES

- ① STOP BAR IS REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
- ② DISTANCE MAY BE ADJUSTED TO ACCOMMODATE SHORT LEFT TURN LANES, AS APPROVED BY THE ENGINEER.
- ③ A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
- ④ ADD EXTRA SETS OF ONE ARROW AND ONE ONLY PER 160 FEET OR WHEN ON A CURVE.
- ⑤ 8" WHITE WITH 2' LINE 6' GAPS FOR DUAL TURN LANE.
- ⑥ 8" WHITE
- ⑦ ADD SECOND ARROW WHEN TURN BAY IS GREATER THAN OR EQUAL TO 108 FEET.
- ⑧ REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.

NOTE:
ARROW SYMBOL (➡)
SHOWS DIRECTION OF TRAVEL



PAVEMENT MARKING
(LEFT TURN LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

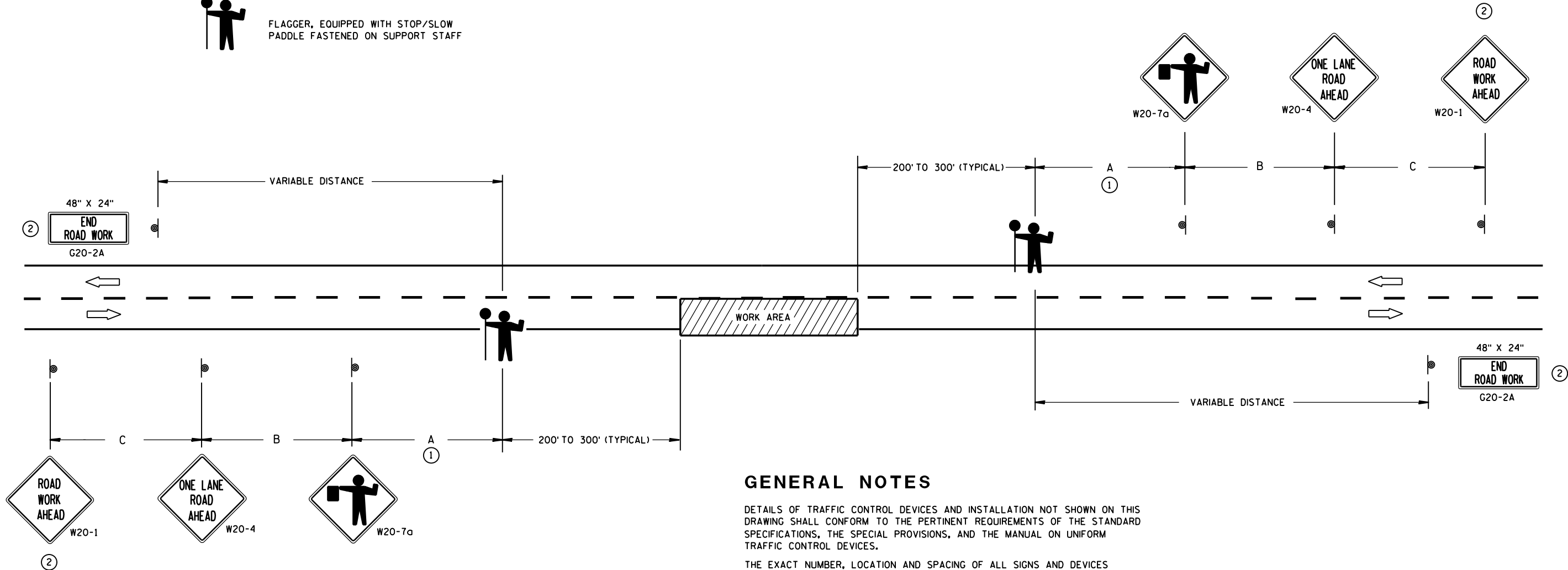
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

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.

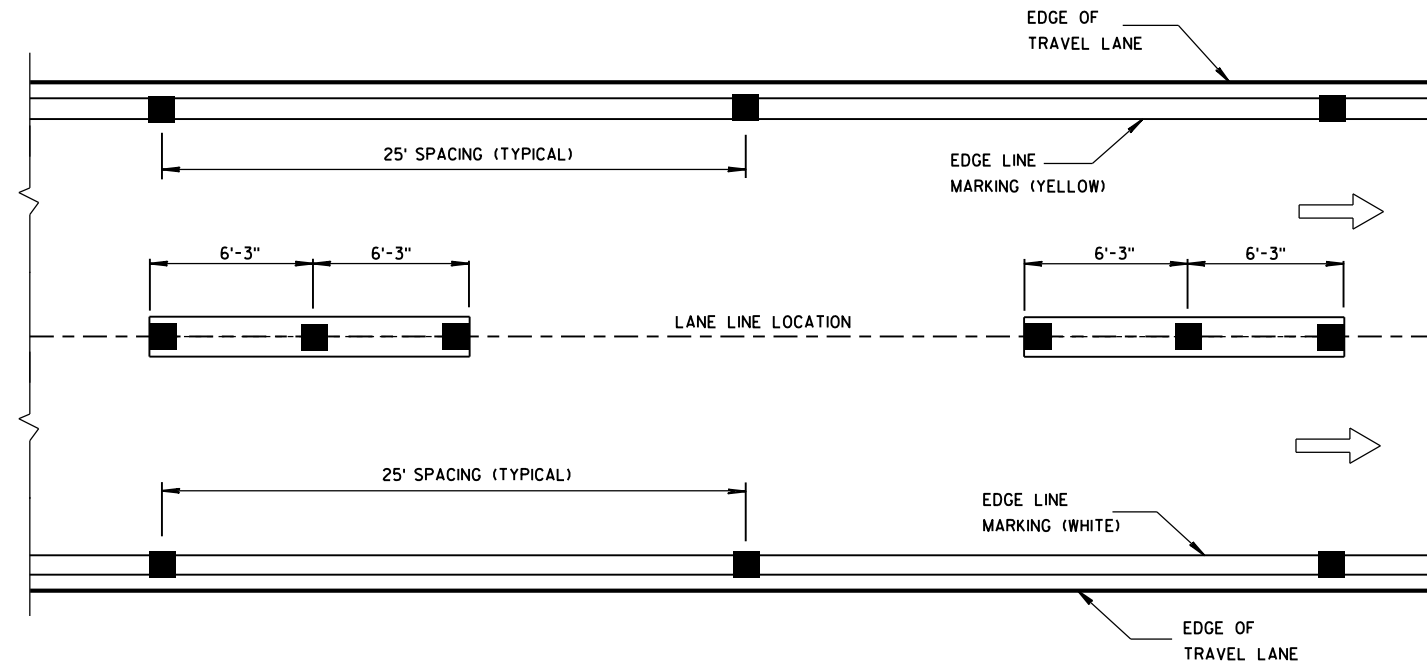
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

- 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.

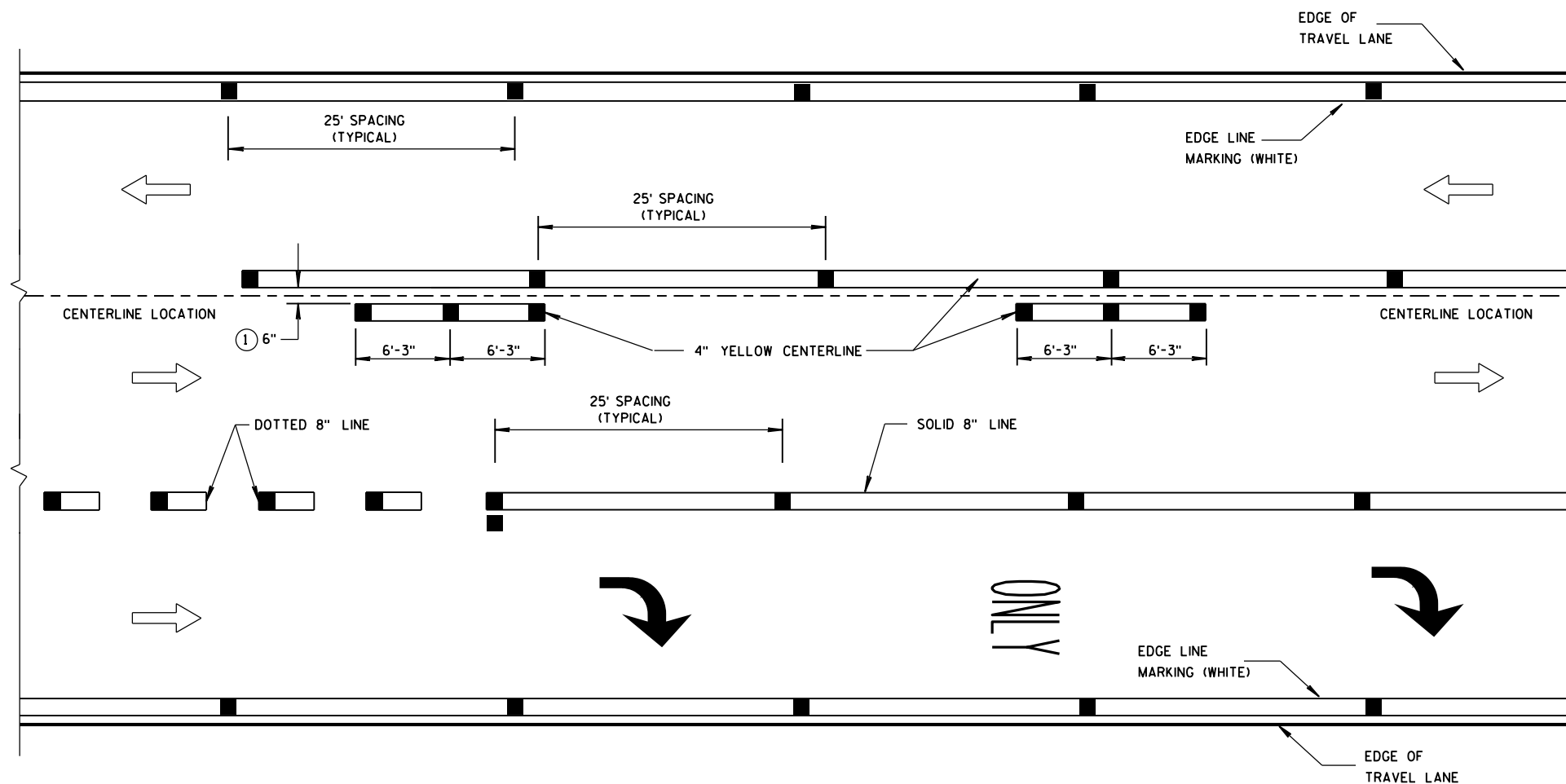
TRAFFIC CONTROL FOR LANE
CLOSURE (SUITABLE FOR
MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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



**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.

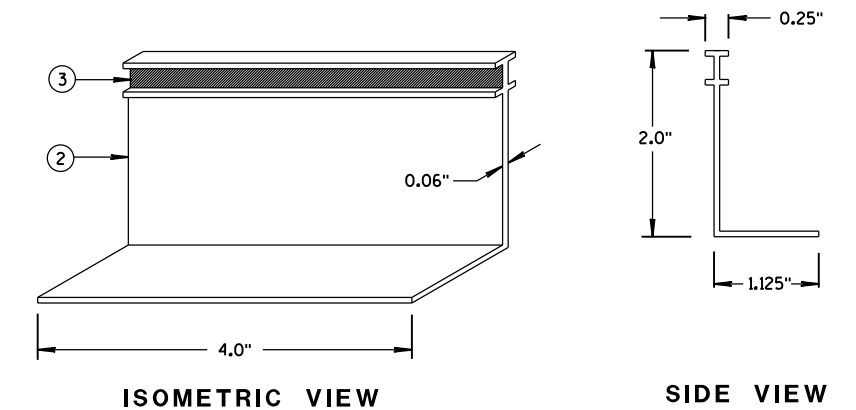
- ① FOR DOUBLE SOLID YELLOW, PLACE THE MARKERS DIRECTLY ACROSS FROM EACH OTHER, WITH A 6 INCH SPACE BETWEEN THEM.
- ② MARKERS SHALL BE OF POLYURETHANE MATERIAL.
- ③ MARKERS SHALL HAVE A MINIMUM SIZE REFLECTIVE SURFACE OF 4 INCH WIDTH X 0.25 INCH HEIGHT.

NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

LEGEND

■ TEMPORARY RAISED PAVEMENT MARKER, TYPE II

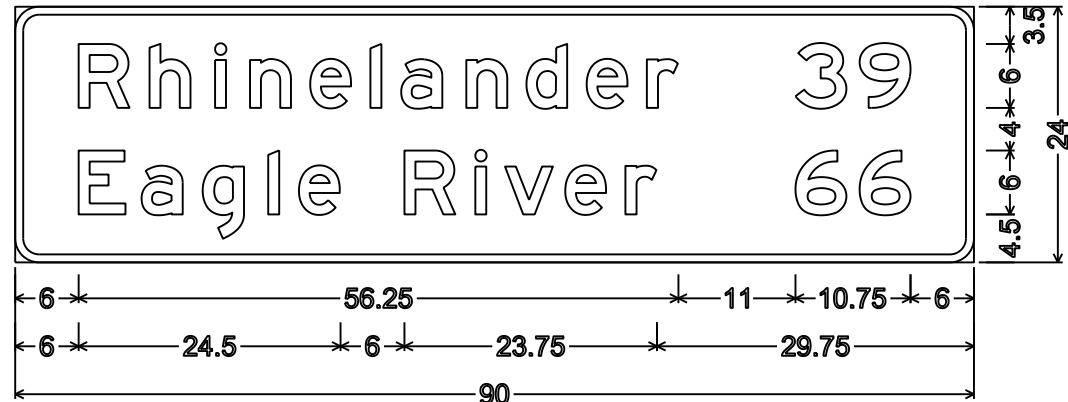


**TEMPORARY
RAISED PAVEMENT MARKER**

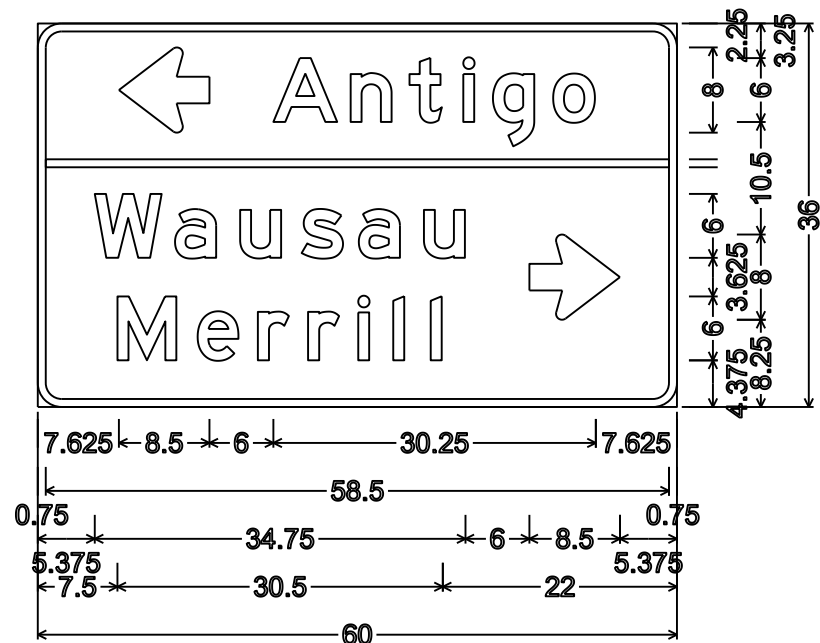
**STANDARD APPLICATION FOR
TEMPORARY RAISED PAVEMENT
MARKERS, TYPE II**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-28-2016 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA



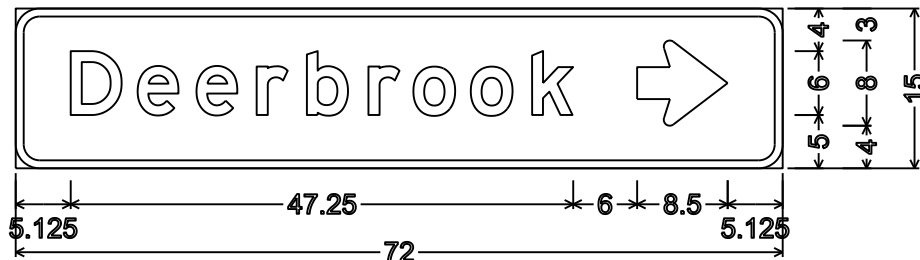
D2-2; 2.250" Radius, 0.750" Border



D1-3;
2.250" Radius, 0.750" Border,



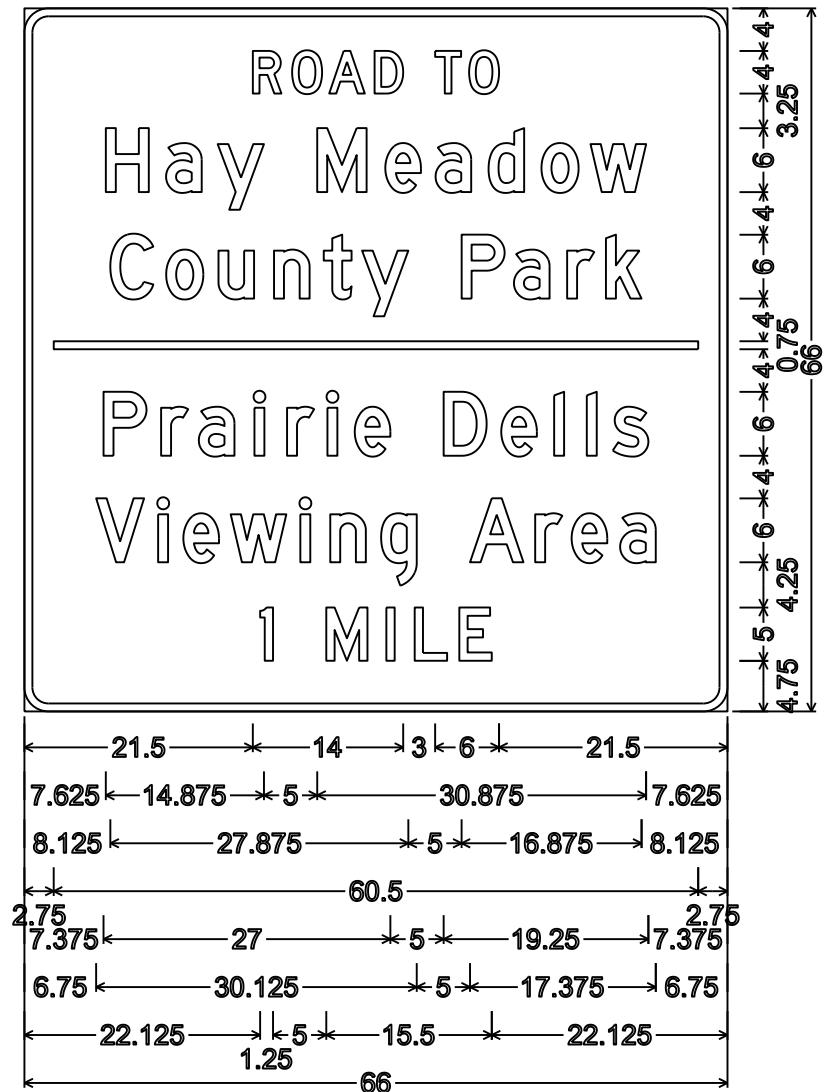
D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border

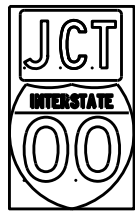
NOTES

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

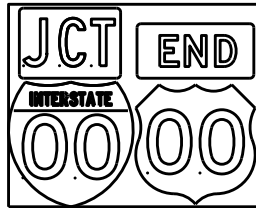


D7-68Mod;
2.250" Radius, 0.750" Border, White on Brown;
"ROAD" D; "TO" D; "Hay" D; "Meadow" D; "County" D
"Park" D; "Prairie" D; "Dells" D; "Viewing" D; "Area" D
"1" D; "MILE" D

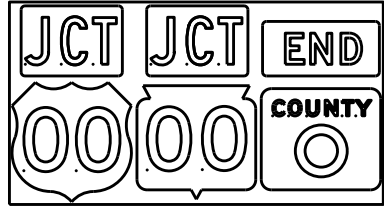
TYPICAL ASSEMBLIES



J1-1



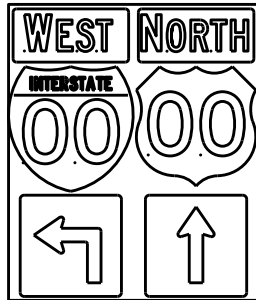
J1-2



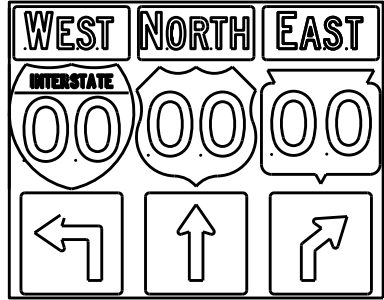
J1-3



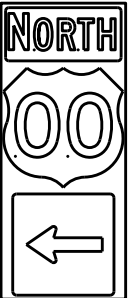
J2-1



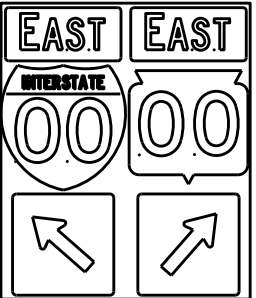
J2-2



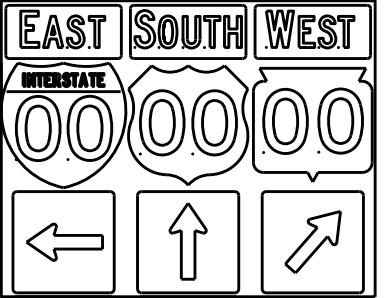
J2-3



J3-1



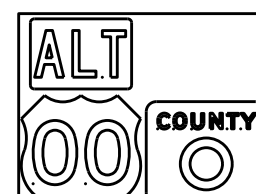
J3-2



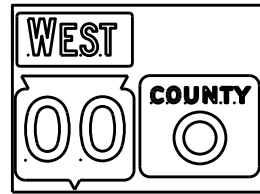
J3-3



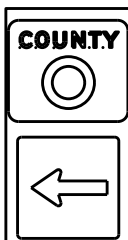
J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1



J23-1

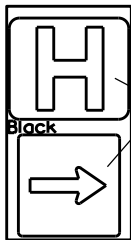


J22-1



JV

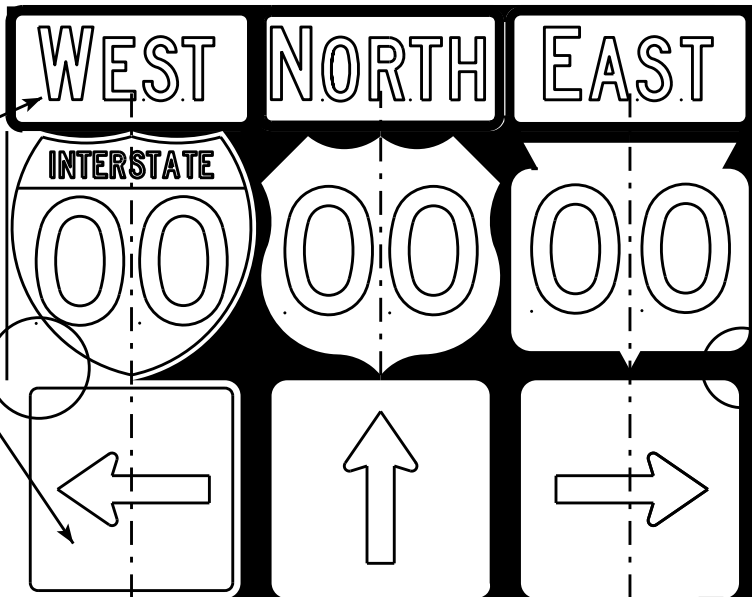
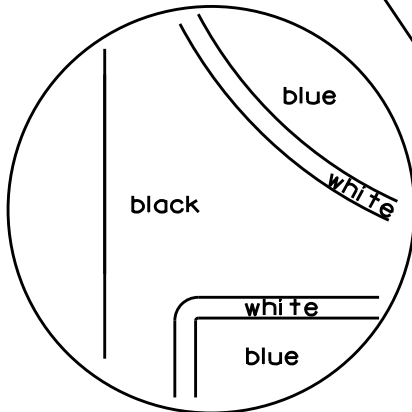
(Typical Vertical J-Assembly
See Note 10 and 11)



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.

PROJECT NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A21S.DGN

PLOT DATE : 06-FEB-2014 14:10

PLOT BY : mscs.ja

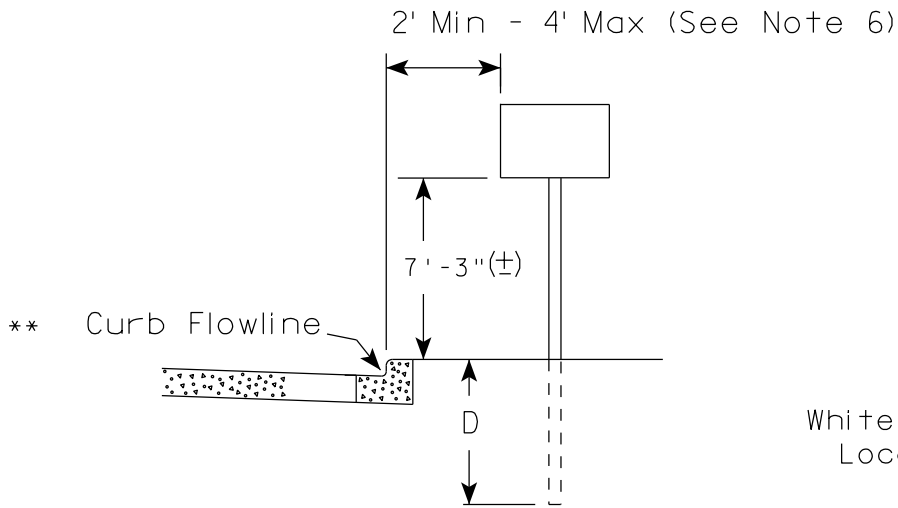
PLOT NAME :

SHEET NO:

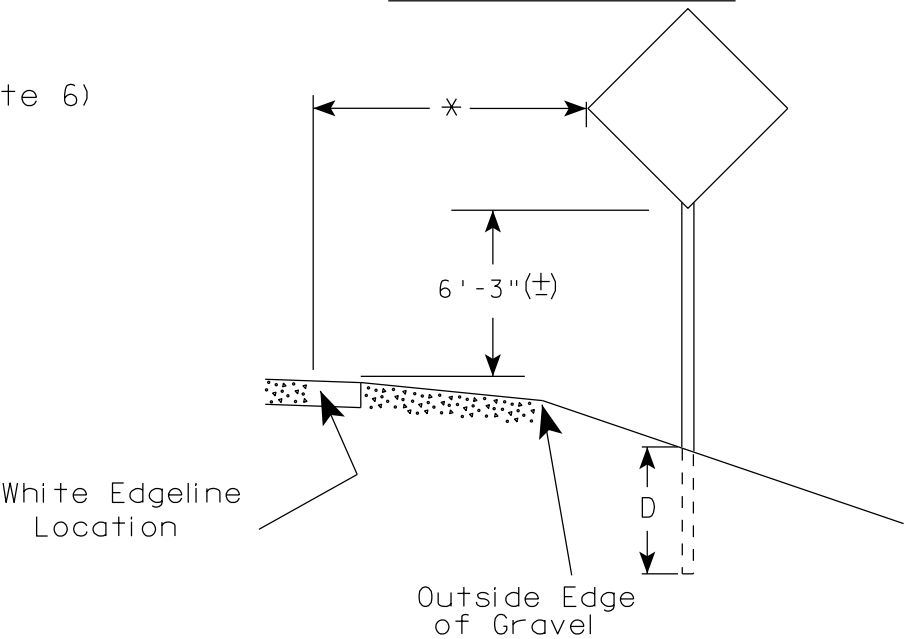
E

WISDOT/CADDs SHEET 42

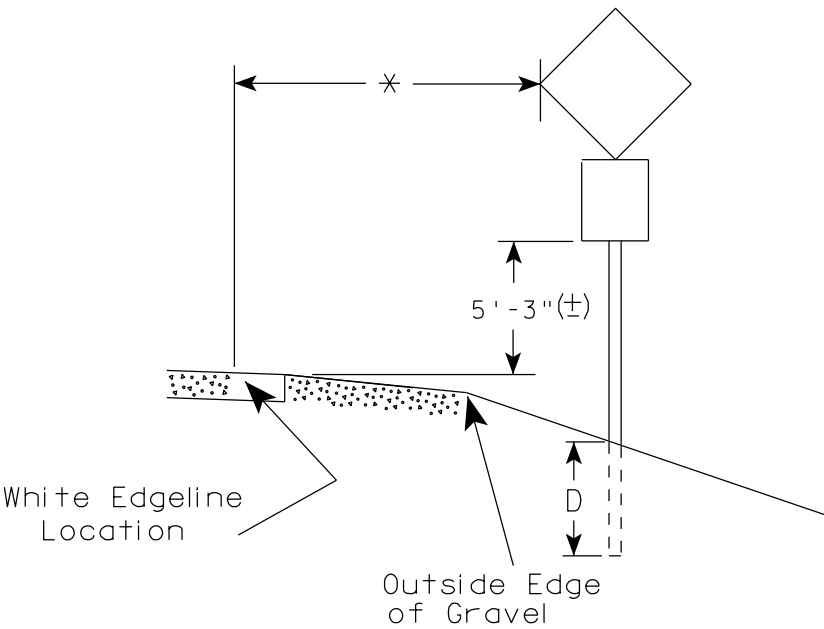
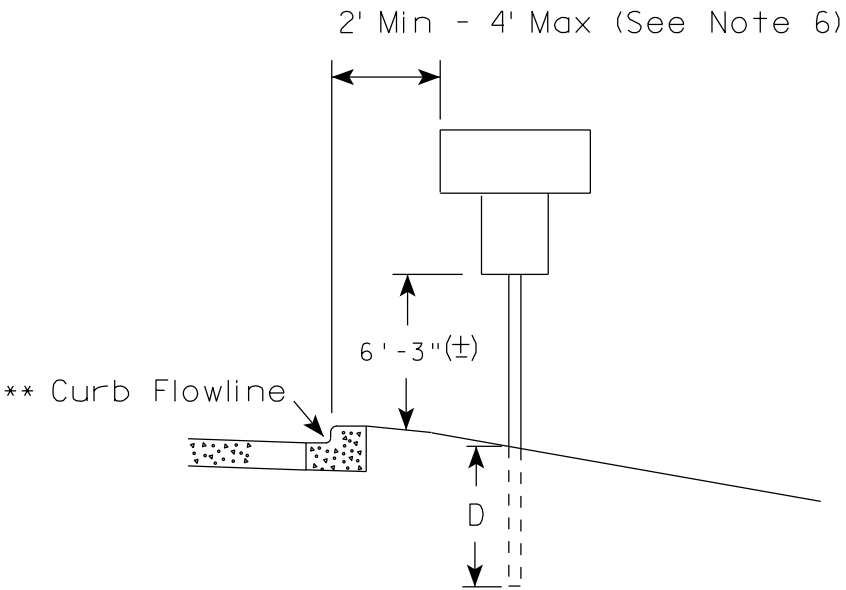
URBAN AREA



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.

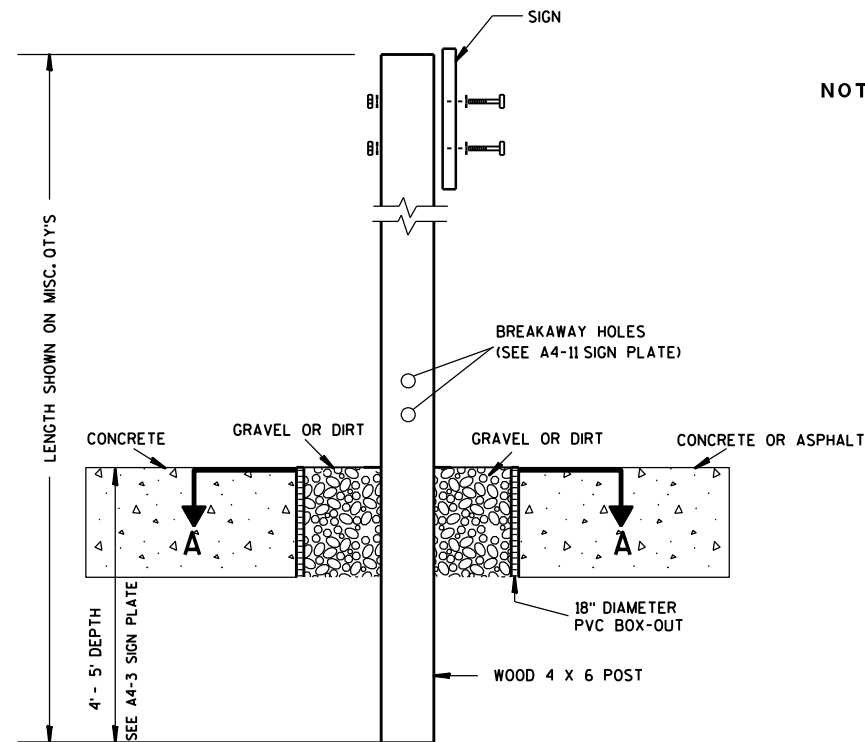
* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

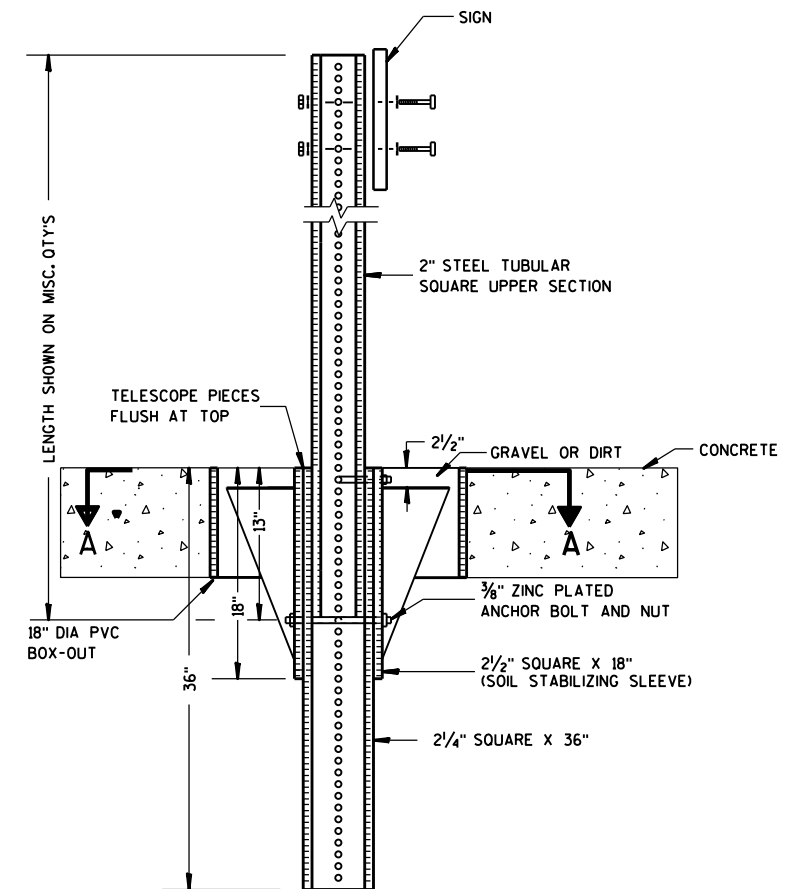
DATE 7/23/15 PLATE NO. A4-3.20



ELEVATION VIEW

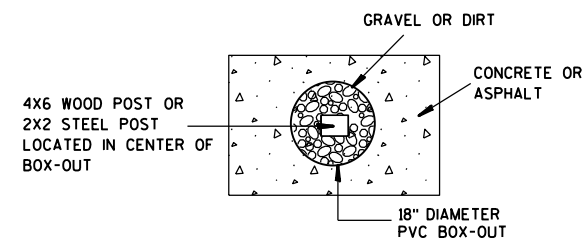
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

- 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

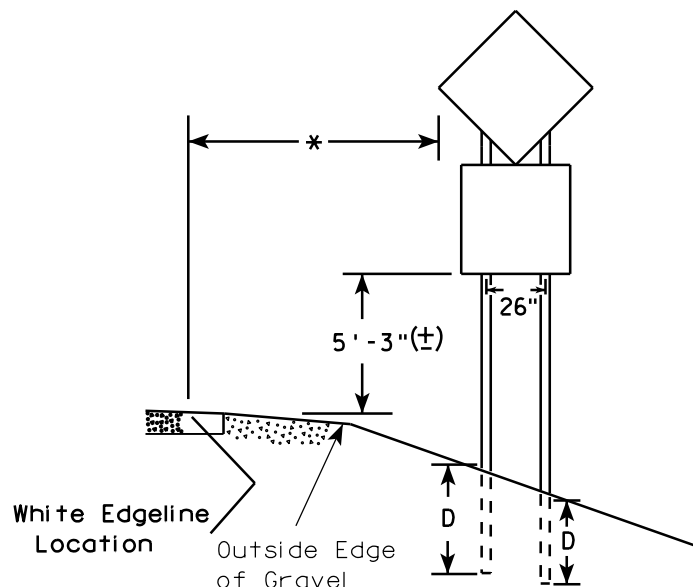
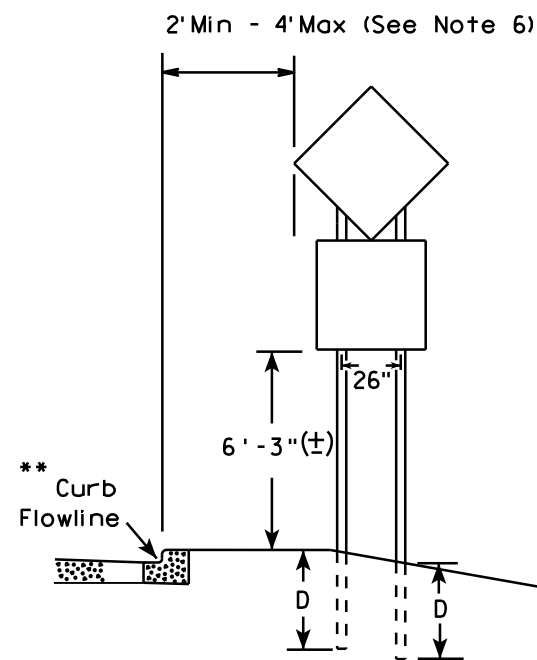
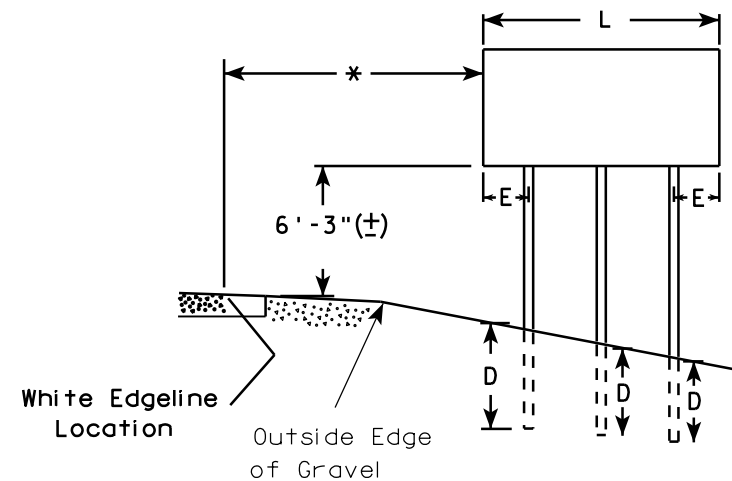
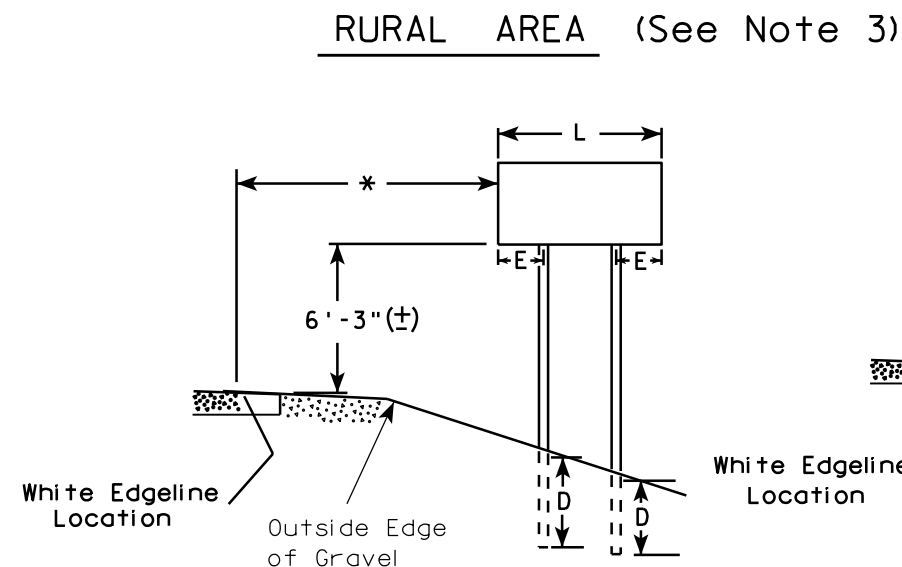
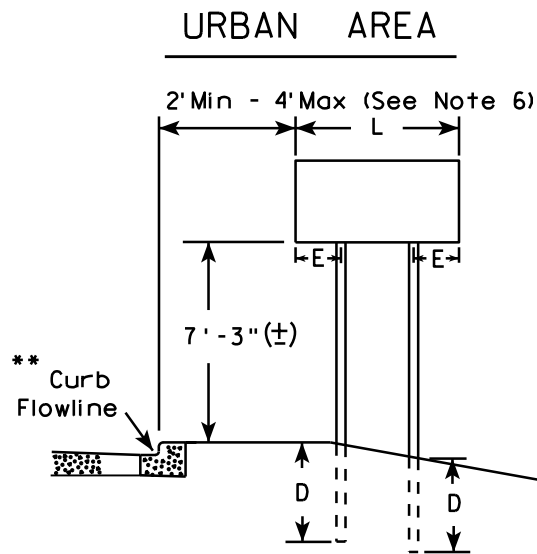
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



48" DIAMOND WARNING SIGN

- 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

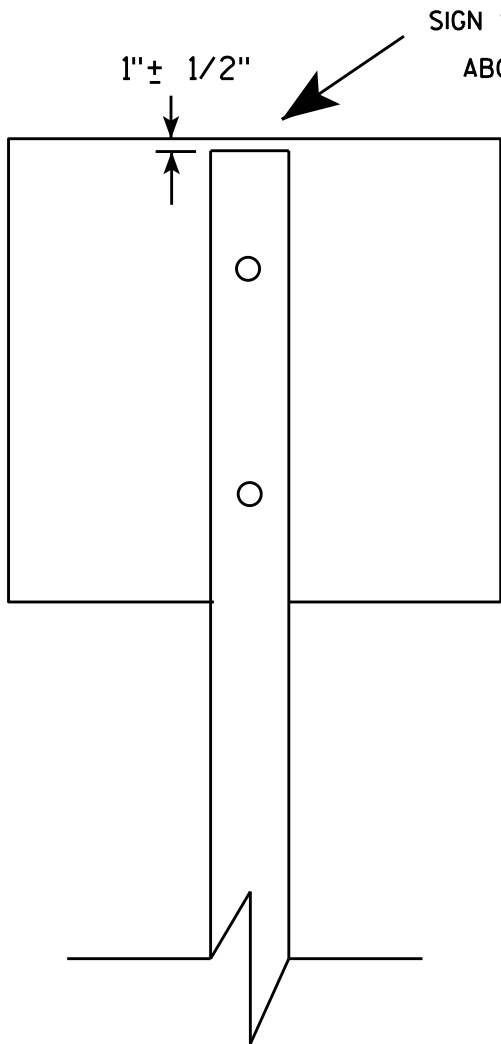
Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION
OF TYPE II SIGNS
ON MULTIPLE POSTS

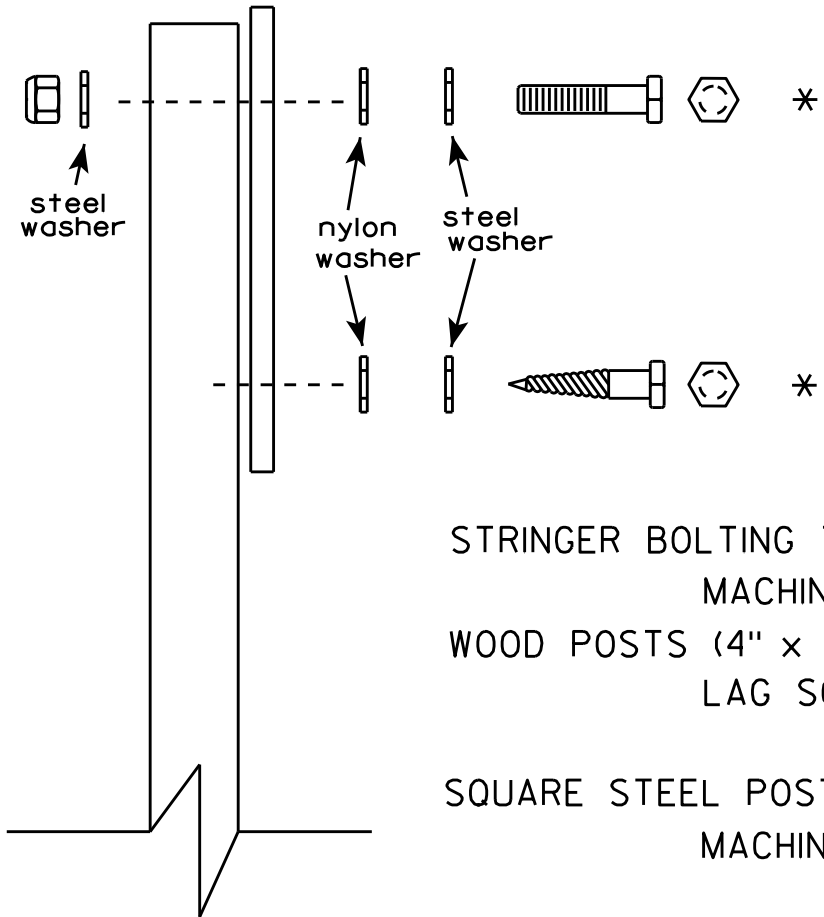
WISCONSIN DEPT OF TRANSPORTATION

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



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

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

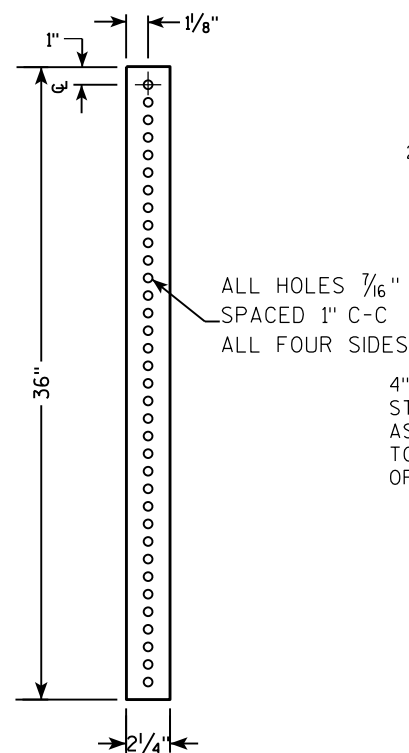
Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

- STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)
- MACHINE BOLTS - 5/16" X 1-3/4" Length w/ nuts
- WOOD POSTS (4" x 4" or 4" x 6")
- LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
 - 3/8" X 4" (STRINGERS ON BACK OF SIGN)
- SQUARE STEEL POSTS (2" x 2")
- MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
 - 3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)
- RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
- O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH
- WASHERS (ALL POSTS) -
- 1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
 - 1-1/4" O.D. X 3/8" I.D. X .080 NYLON

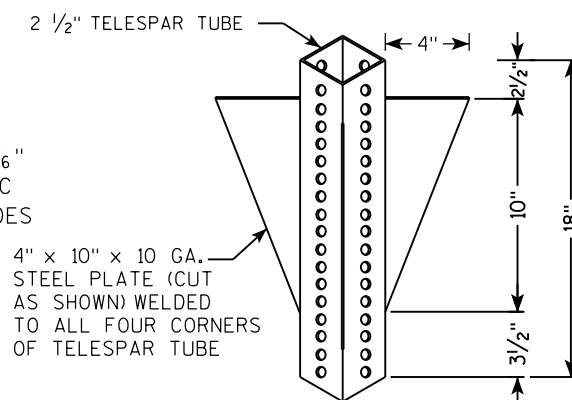
* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require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

ATTACHMENT OF SIGNS TO POSTS	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> For State Traffic Engineer
DATE 4/27/16	PLATE NO. A4-8.8

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

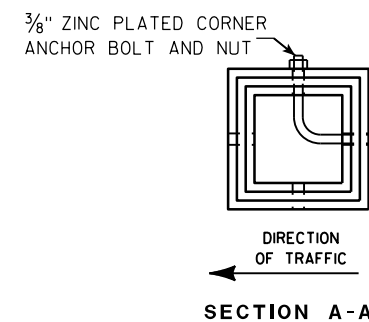


**2 1/2" SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH**

[illegible]

TECHNICAL DRAWING OF A SIGNPOST ASSEMBLY:

- Dimensions:**
 - Overall height: LENGTH SHOWN ON MISC. Q'TYS
 - Section A-A: 36" (total), 18" (upper), 12" (lower)
 - Section B-B: 1"
- Components:**
 - 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
 - $\frac{3}{8}$ " ZINC PLATED ANCHOR BOLT AND NUT
 - 2 1/2" SQUARE X 18" (SOIL STABILIZING SLEEVE)
 - 2 1/4" SQUARE X 36"
 - TELESCOPE PIECES FLUSH AT TOP



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

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

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R. Rauch

for State Traffic Engineer

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

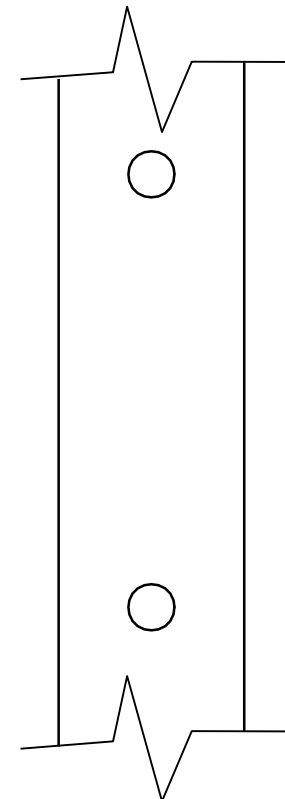
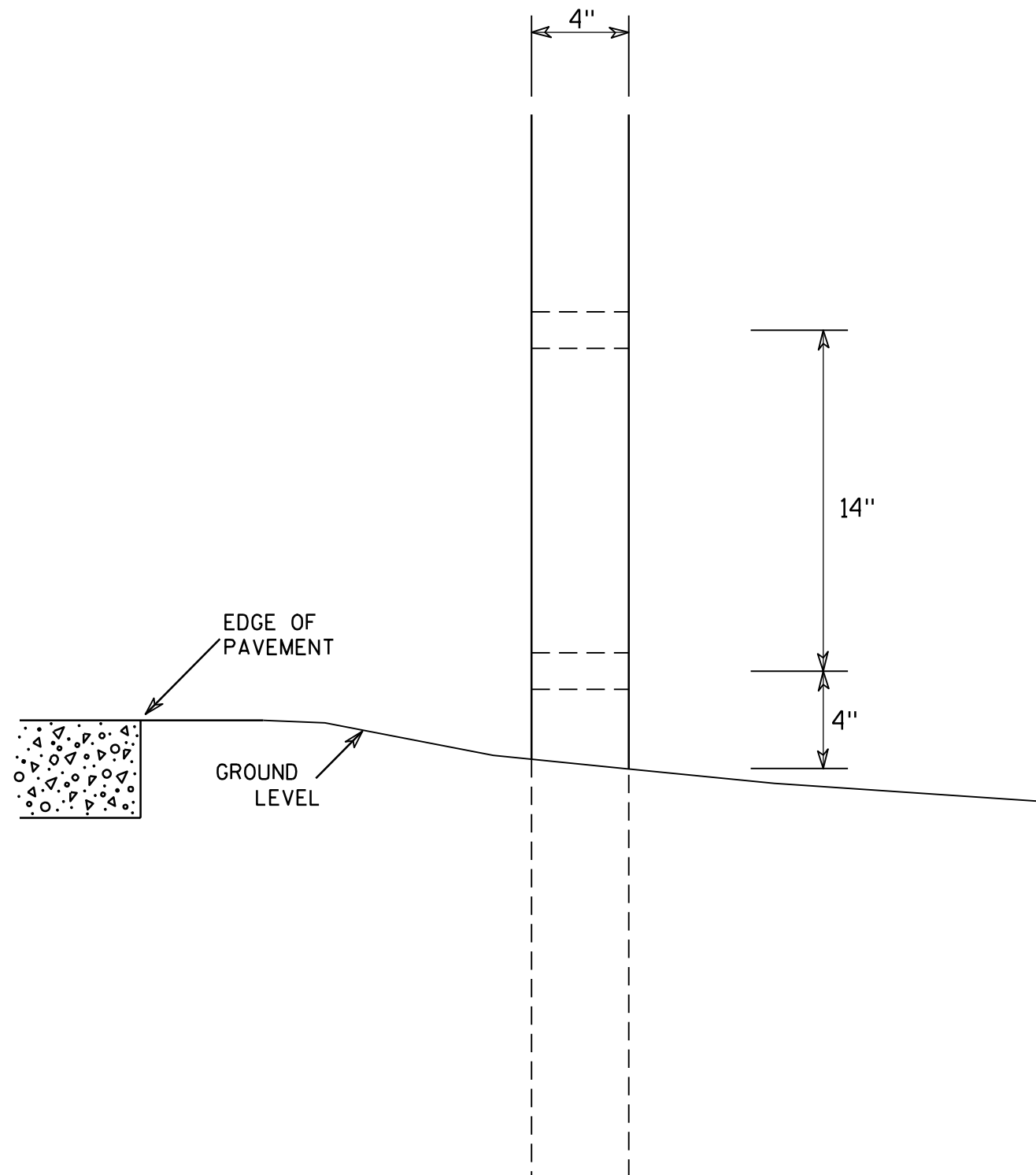
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

T



SIDE VIEW

GENERAL NOTES

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

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:

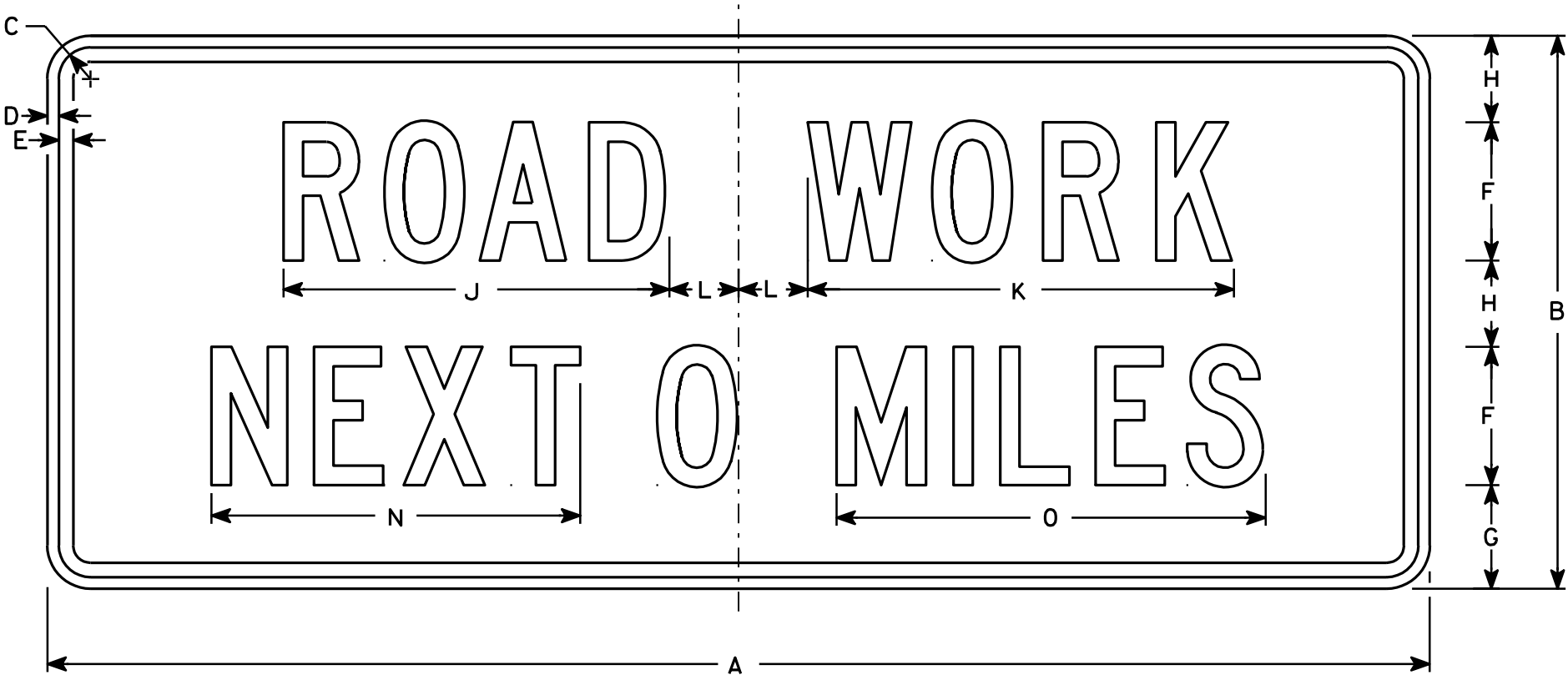
COUNTY:

SHEET NO:

E

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	

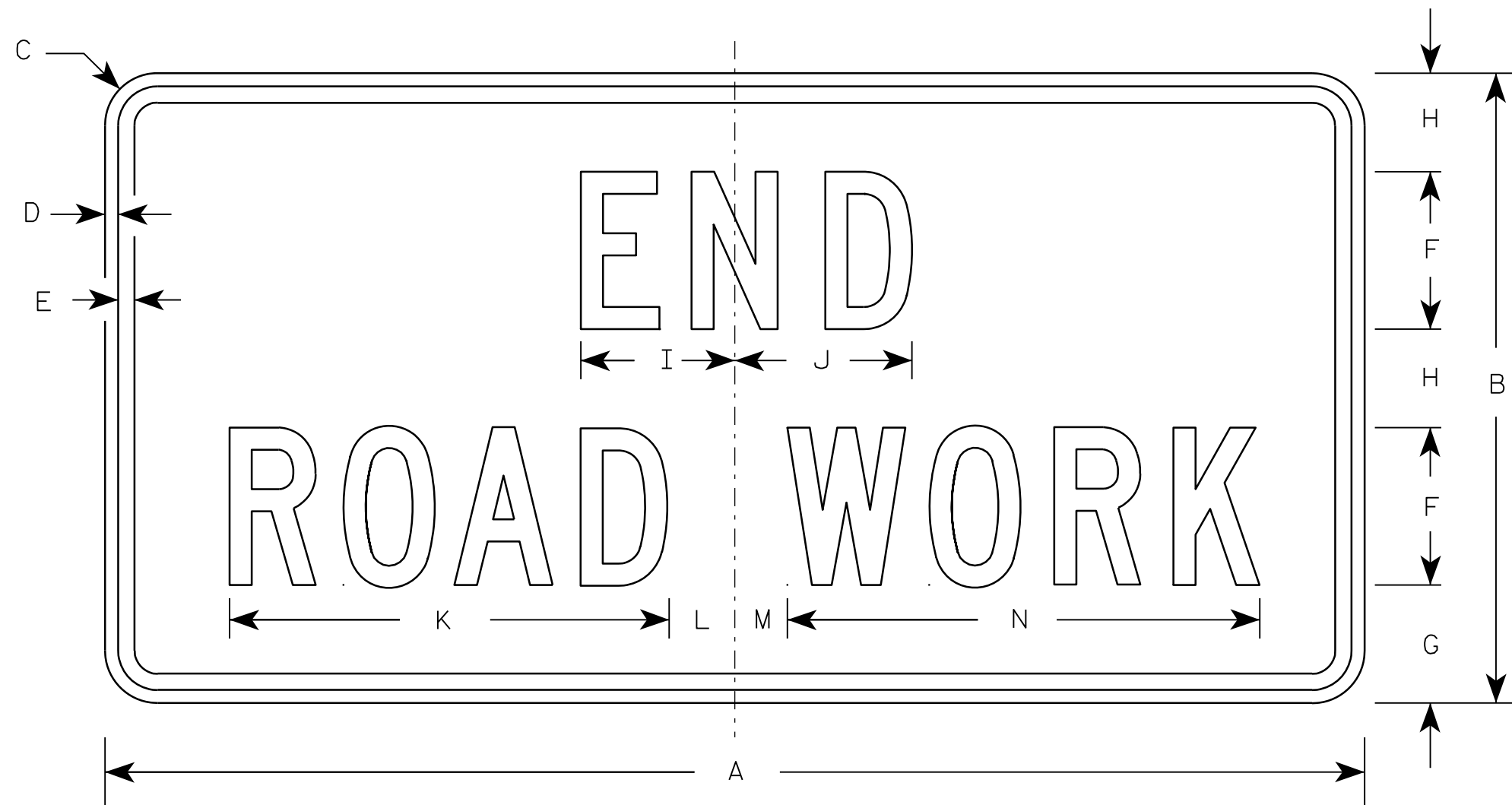
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m ²
1																												
2	60	24	1 3⁄8	1⁄2	5⁄8	6	4 1⁄2	3 3⁄4		16 3⁄4	18 1⁄2	3		16	18 5⁄8												10	.90
3																												
4	60	24	1 3⁄8	1⁄2	5⁄8	6	4 1⁄2	3 3⁄4		16 3⁄4	18 1⁄2	3		16	18 5⁄8												10	.90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

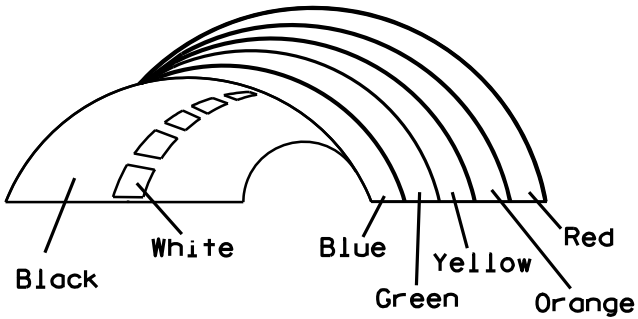
SHEET NO:

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:

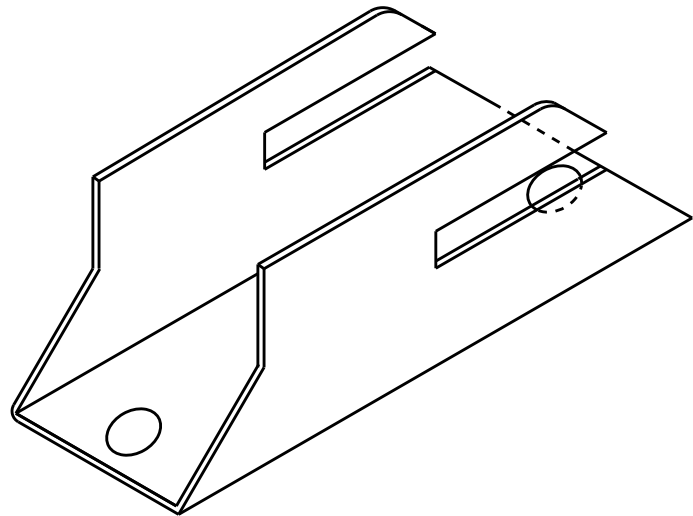
STANDARD SIGN
I55-56

WISCONSIN DEPT OF TRANSPORTATION

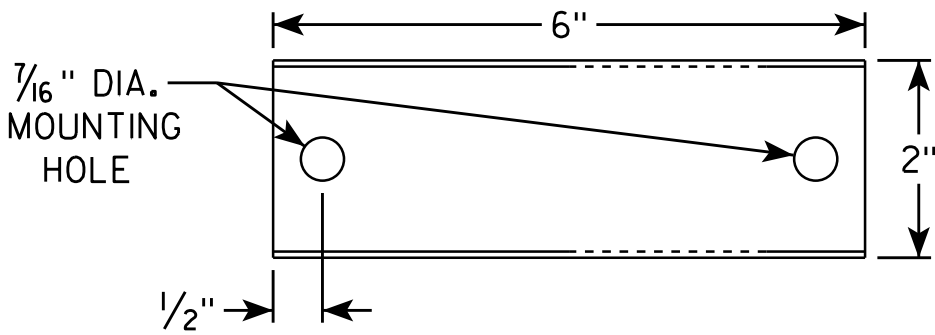
APPROVED *Matthew R. Rauch*
For State Traffic Engineer

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

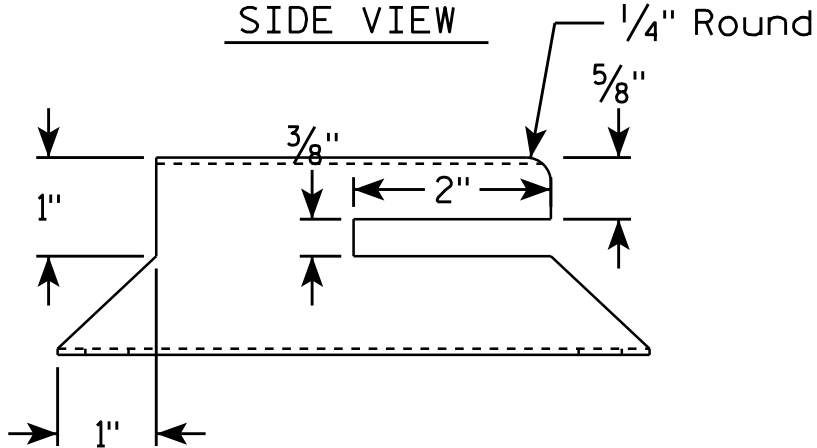
ISOMETRIC VIEW



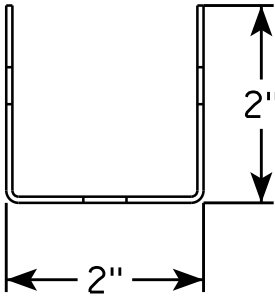
TOP VIEW



SIDE VIEW



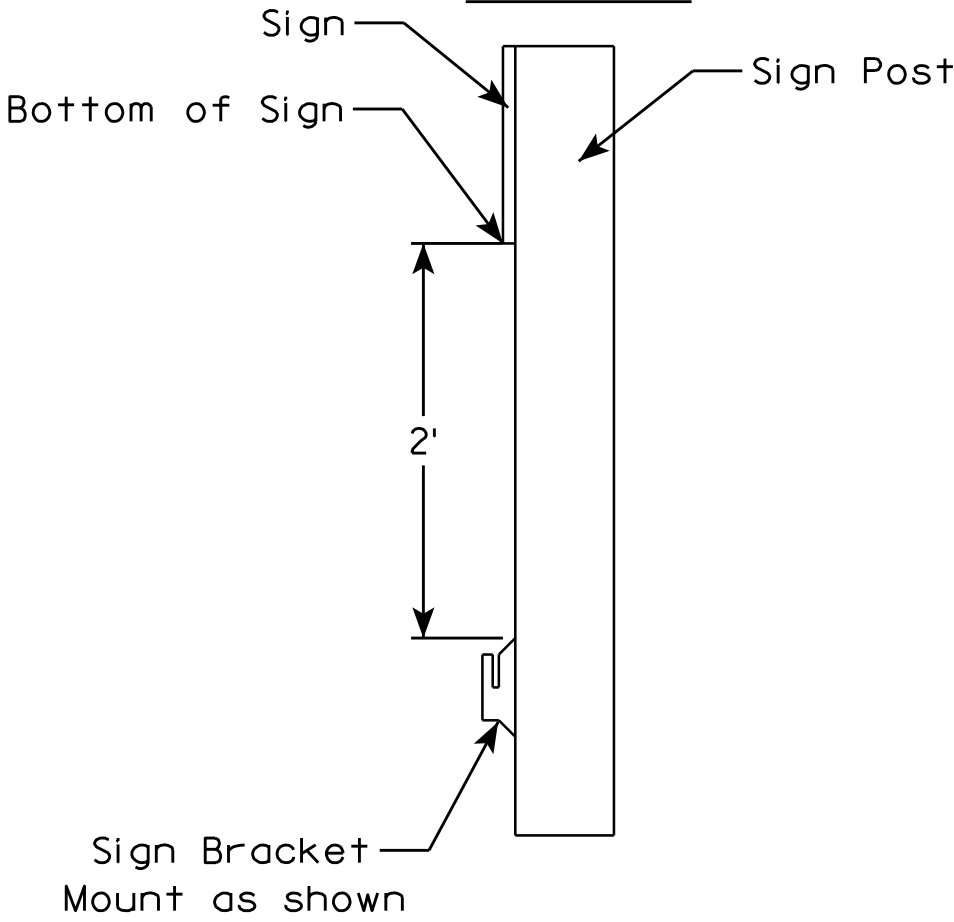
END VIEW



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

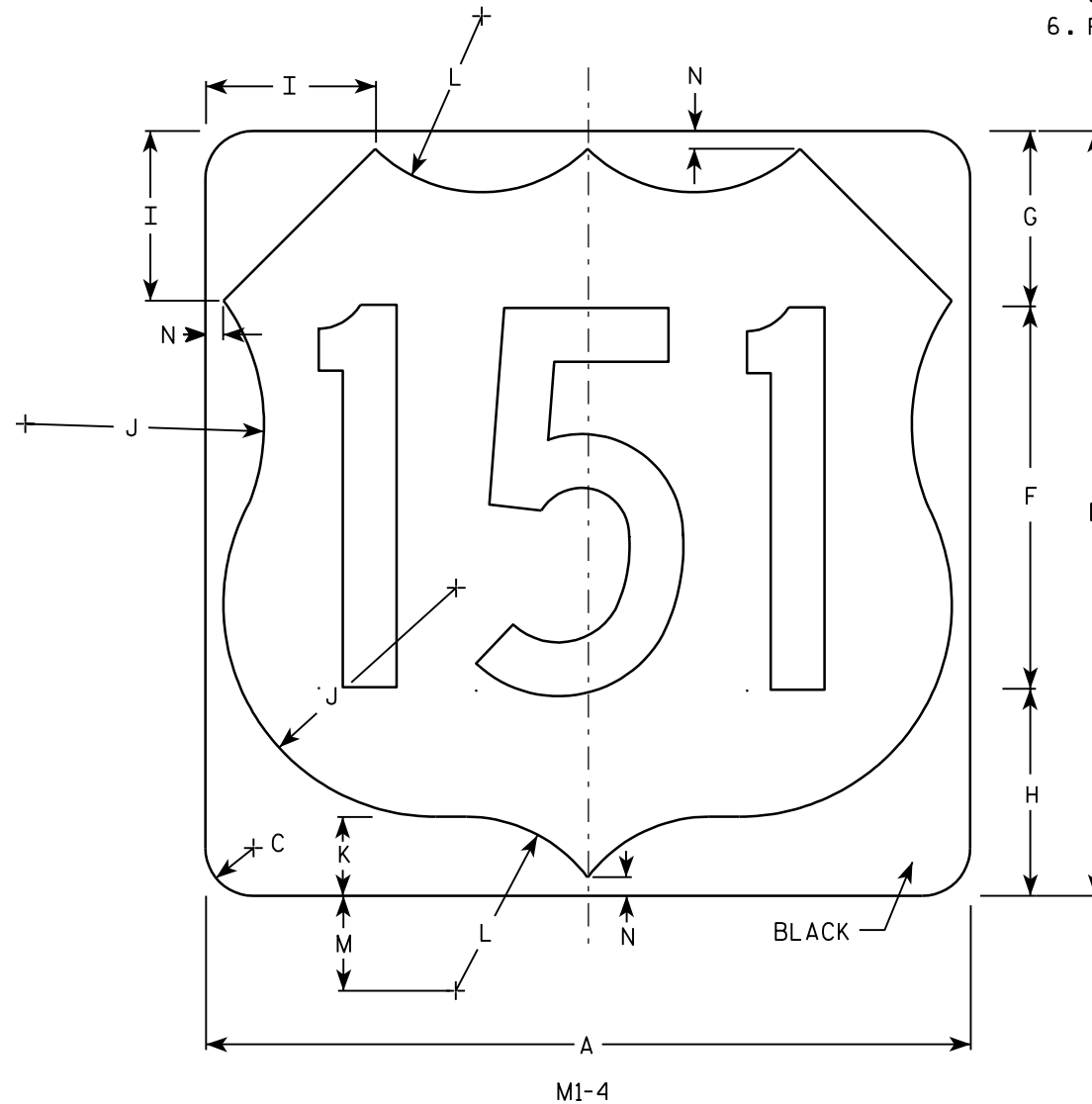
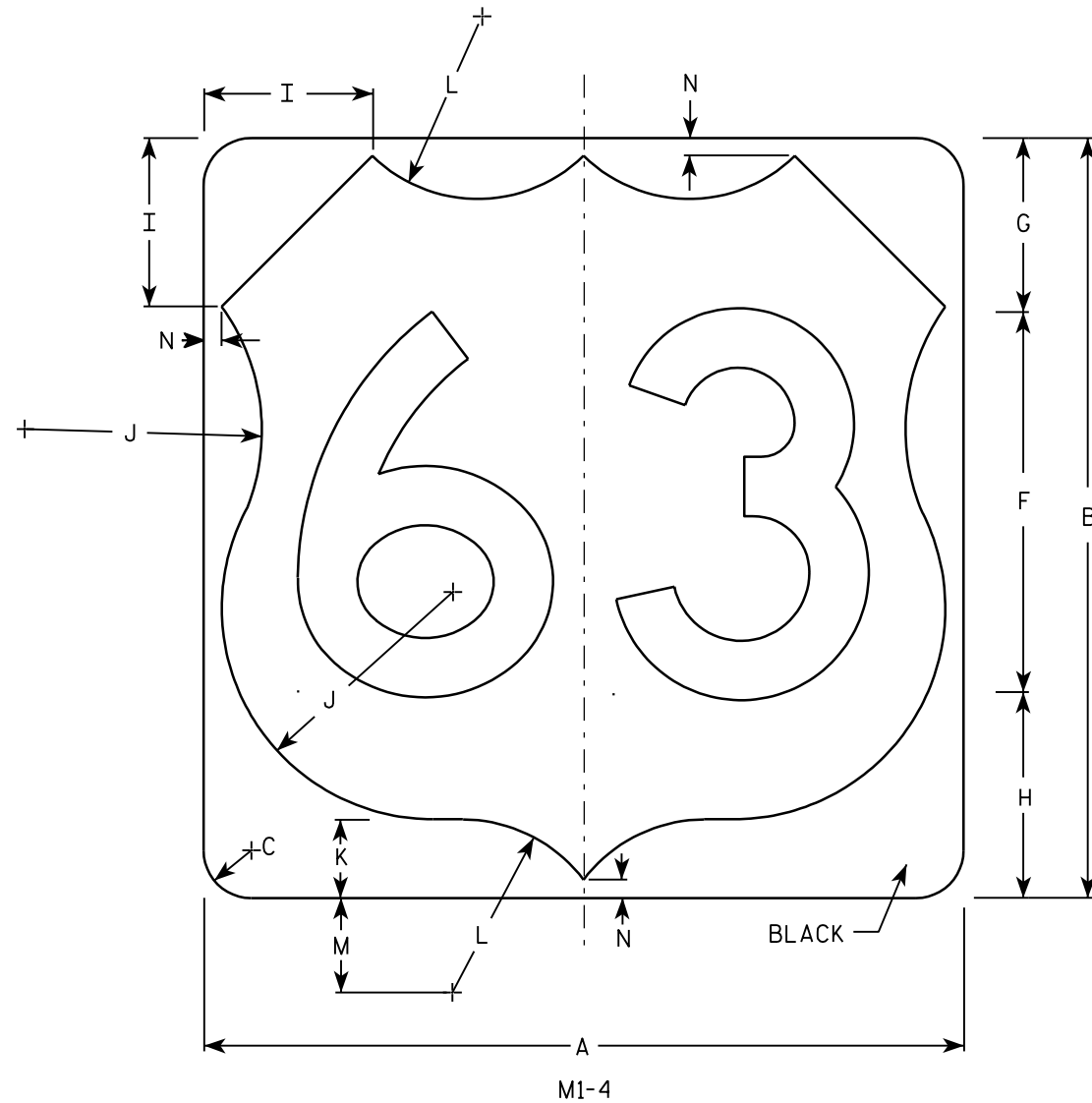


ROLLUP SIGN BRACKET
I55-56B

WISCONSIN DEPT OF TRANSPORTATION
APPROVED *Matthew R. Rauch*
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



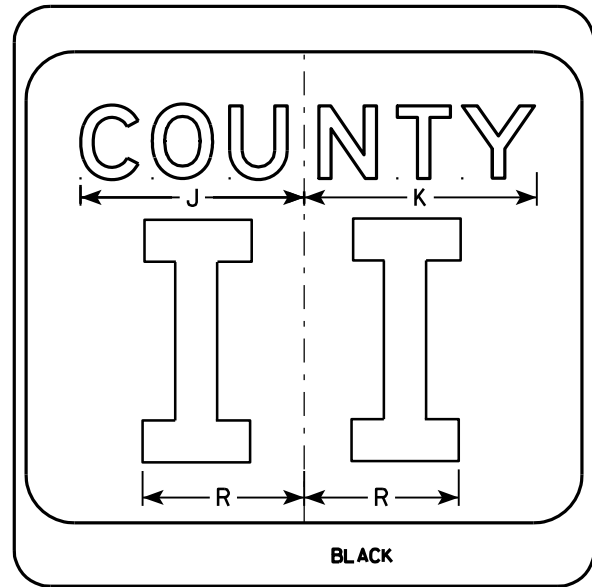
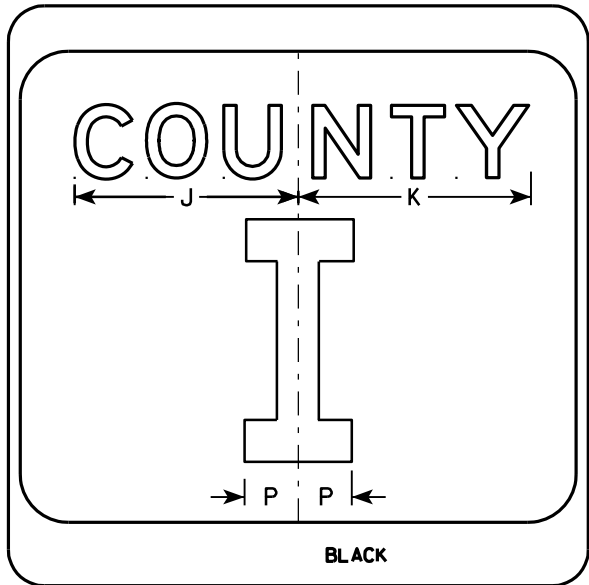
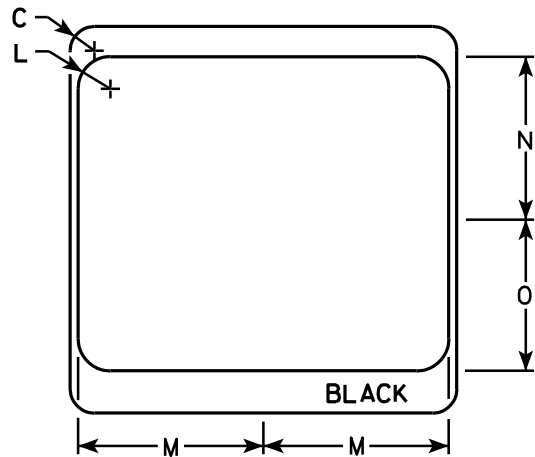
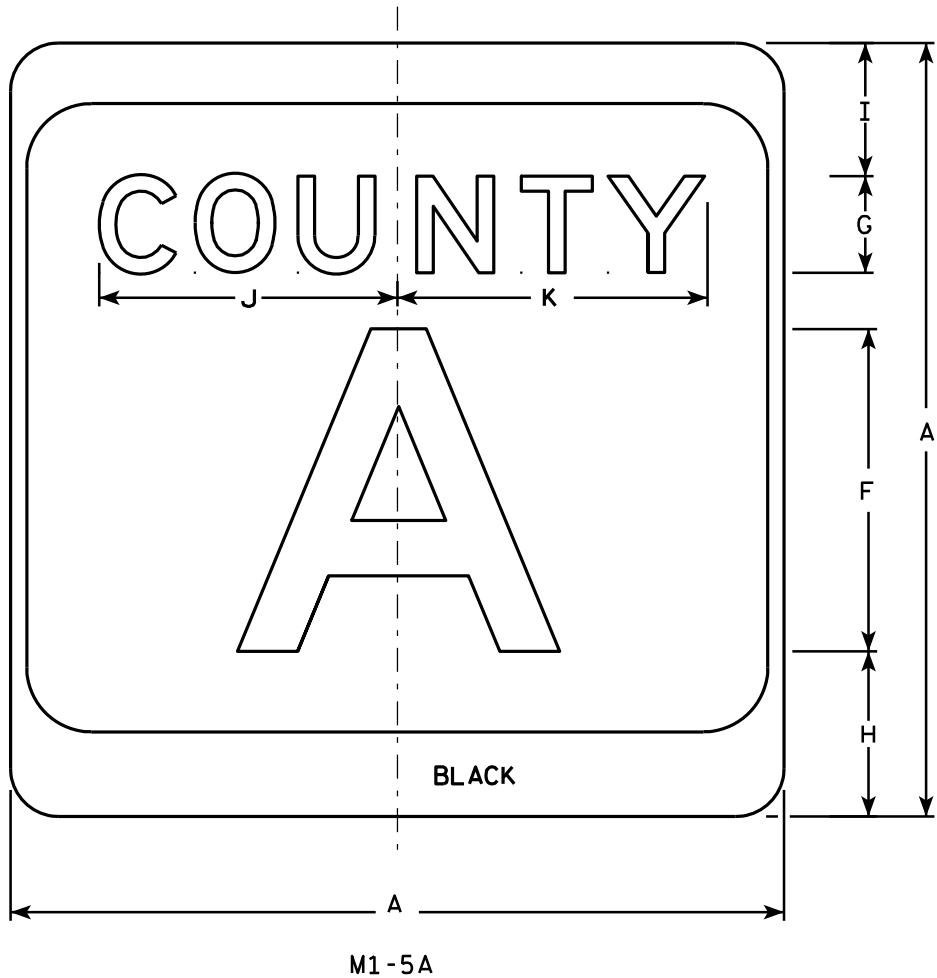
Metric equivalent
for this sign is:

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

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

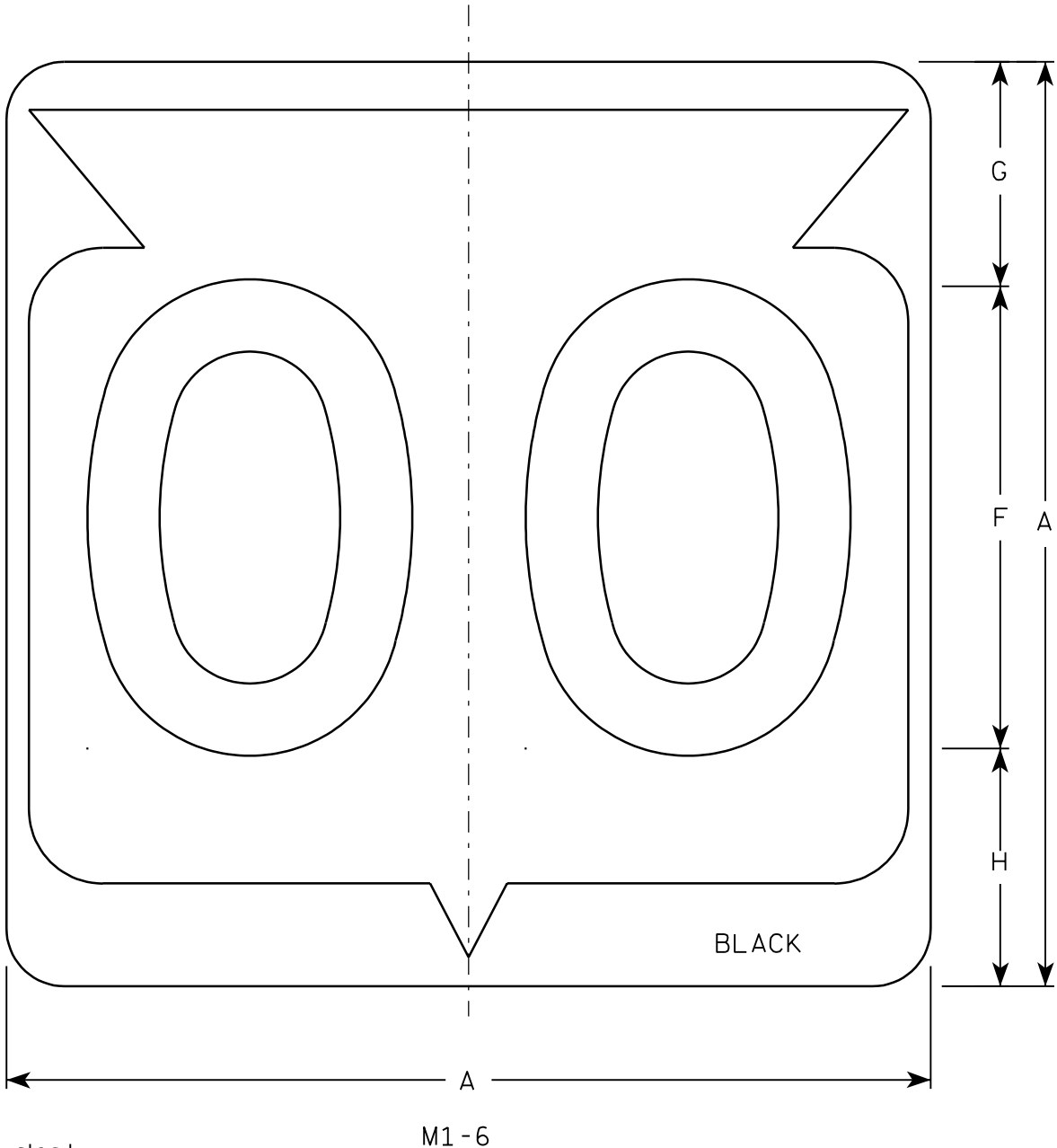
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 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

CTH MARKER	
M1-5A FOR ASSEMBLIES	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> For State Traffic Engineer
DATE 9/27/11	PLATE NO. M1-5A.8

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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7

7



Metric equivalent
for this sign is:

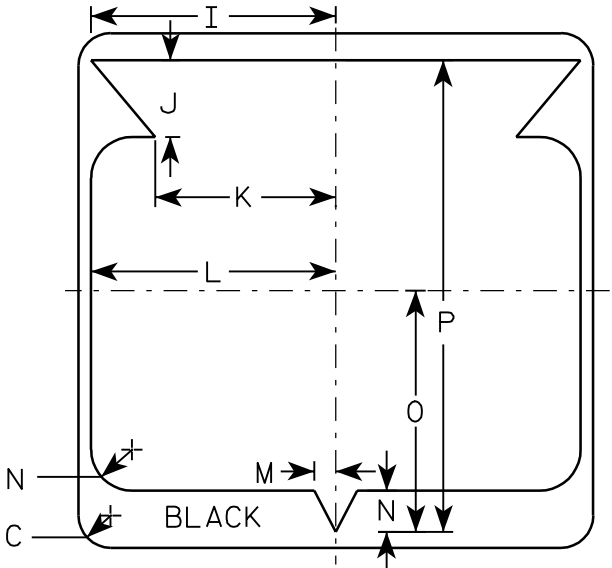
SIZE	
1	
2	600 mm X 600 mm
3	900 mm X 900 mm
4	900 mm X 900 mm
5	900 mm X 900 mm

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 m2
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



7

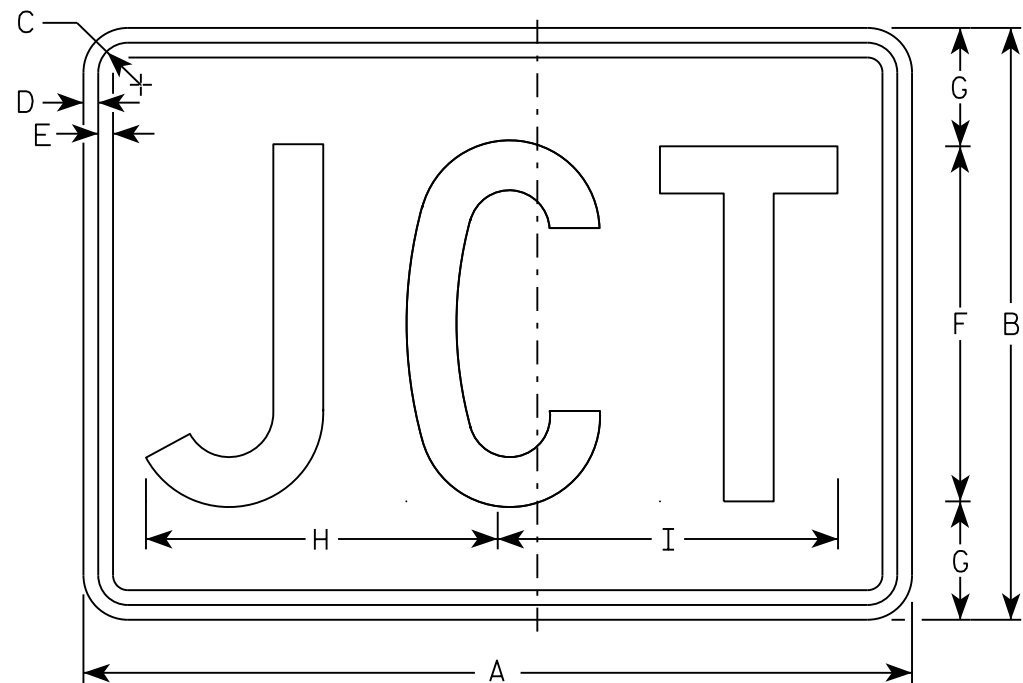
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

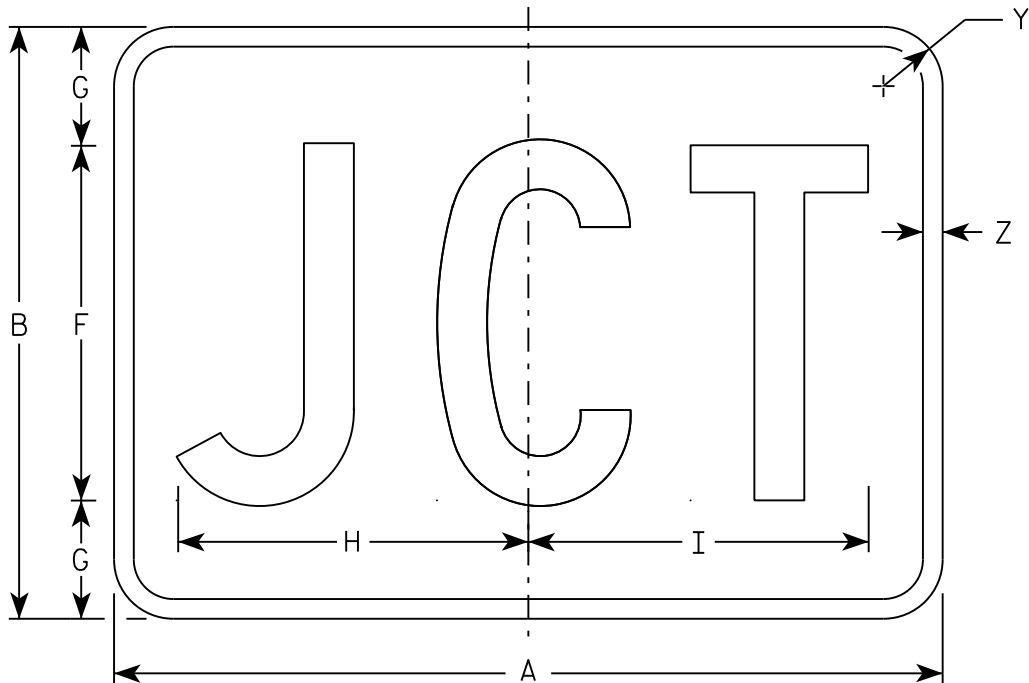
APPROVED

for State Traffic Engineer

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



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

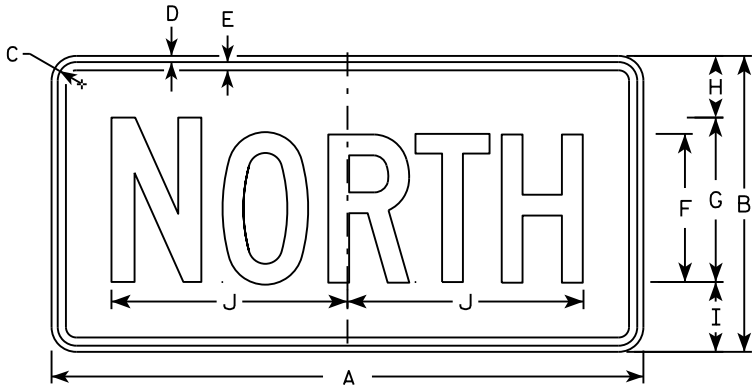
APPROVED

Matthew R. Rauch

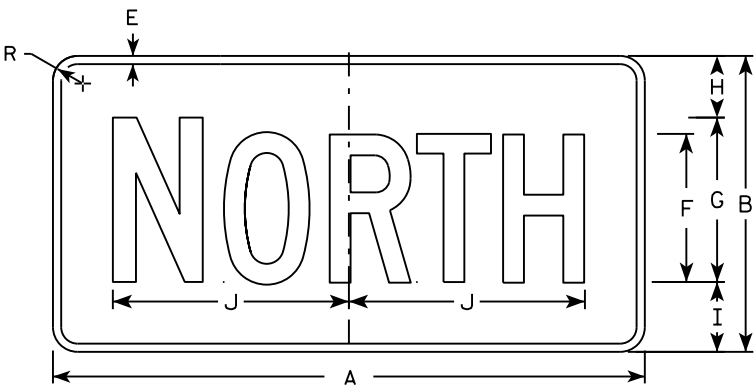
For State Traffic Engineer

DATE 10/15/15

PLATE NO. M2-1.12



M3-1
MM3-1
MP3-1



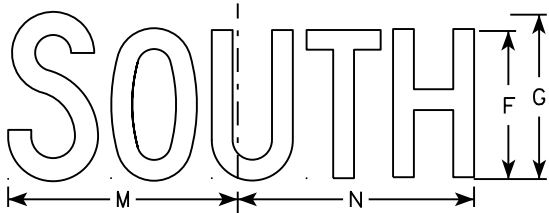
MB3-1
MK3-1
MN3-1



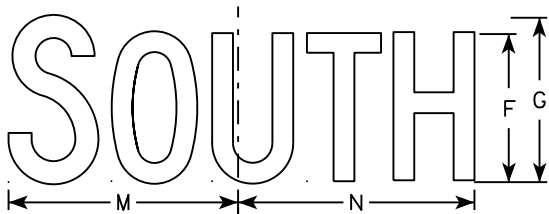
M3-2
MM3-2
MP3-2



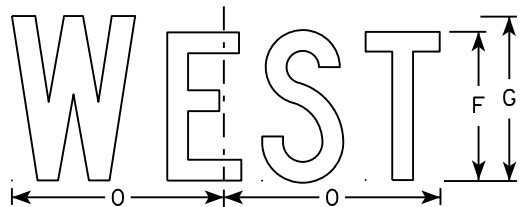
MB3-2
MK3-2
MN3-2



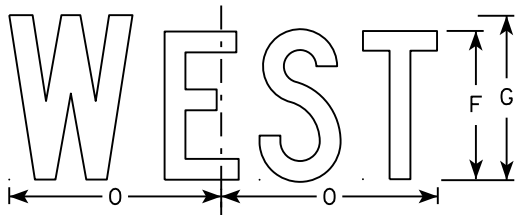
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

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

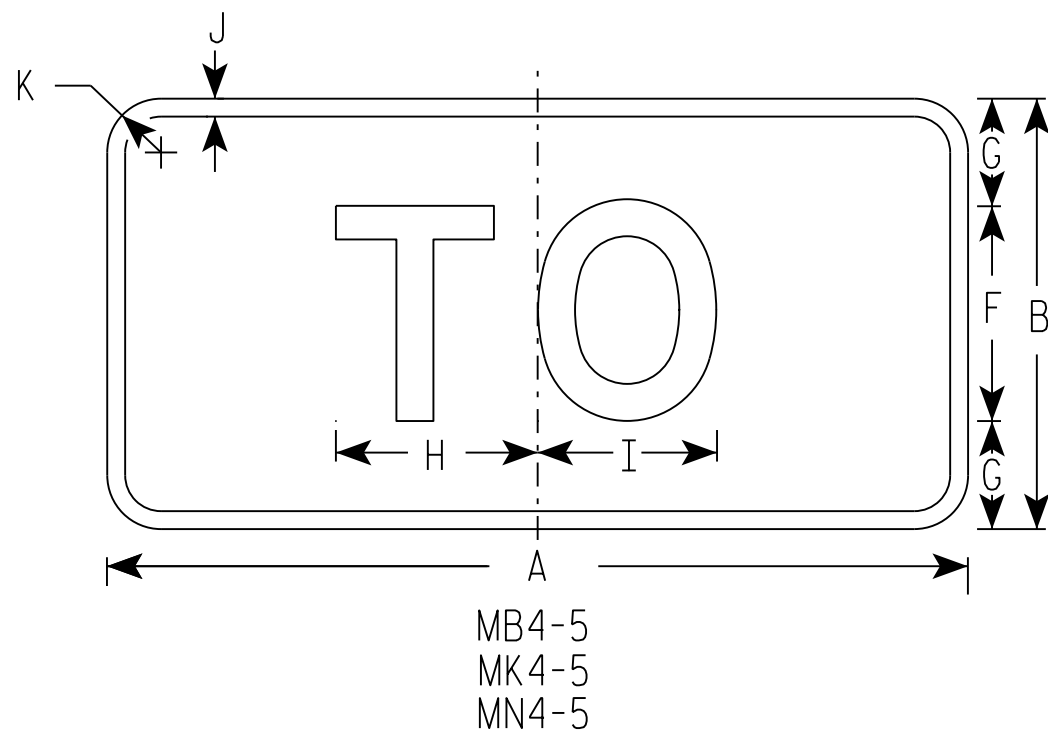
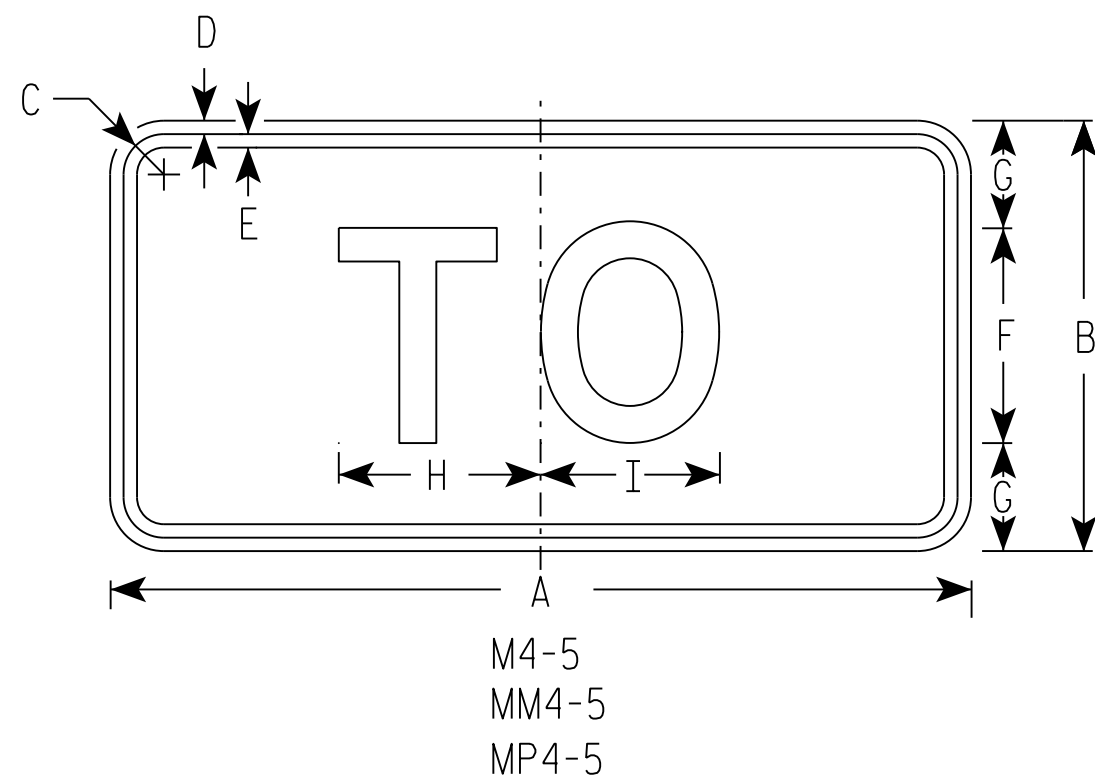
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8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

STANDARD SIGNS
M3-1 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



NOTES

1. Sign is Type II - Type H
2. Color:
Background - See note 5
Message - See note 5
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. M4-5 Background - White
Message - Black
MB4-5 Background - Blue
Message - White
MK4-5 Background - Green
Message - White
MM4-5 Background - White
Message - Green
MN4-5 Background - Brown
Message - White
MP4-5 Background - White
Message - Blue

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

STANDARD SIGN

M4 - 5

WISCONSIN DEPT OF TRANSPORTATION

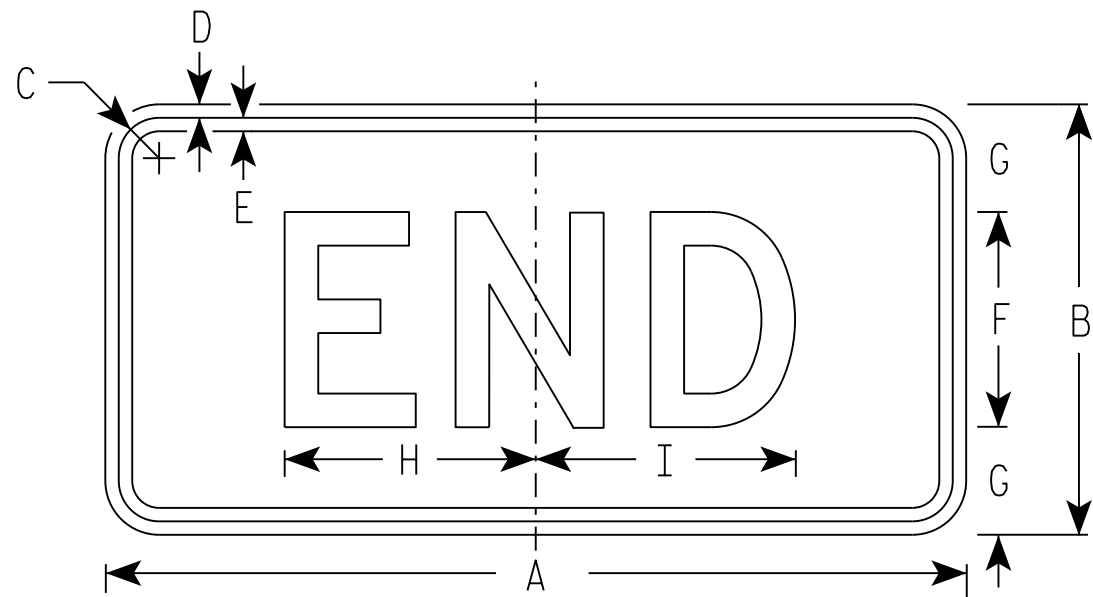
APPROVED

Matthew R. Rauch

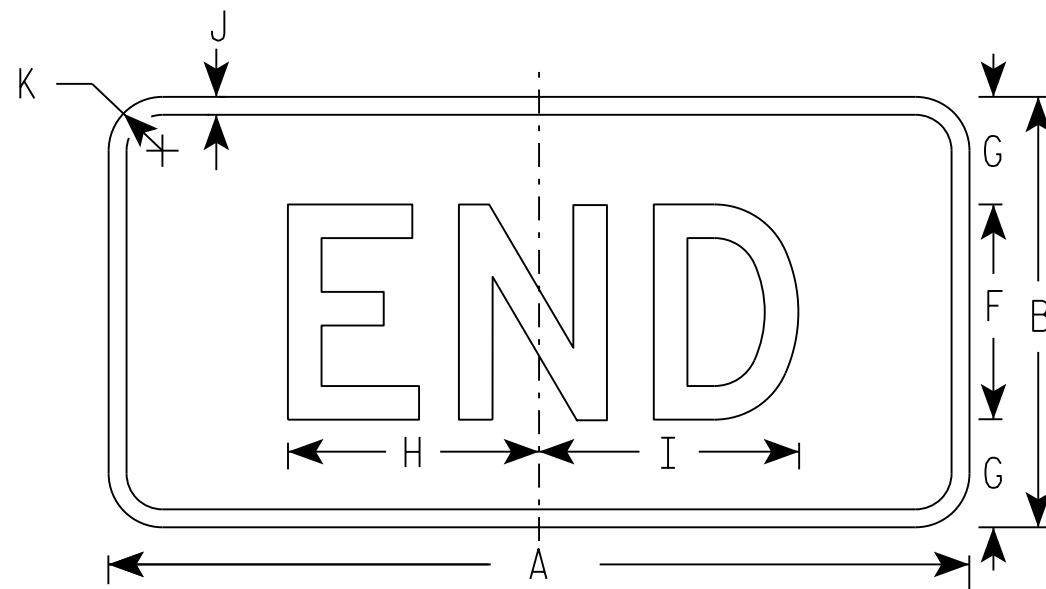
for State Traffic Engineer

DATE 10/15/15

PLATE NO. M4-5.8



M4-6
MM4-6
MP4-6



MB4-6
MK4-6
MN4-6
MR4-6

NOTES

- Sign is Type II - Type H
- Color:
Background - See note 5
Message - See note 5
- Message Series - D
- 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.
- M4-6 Background - White
Message - Black
MB4-6 Background - Blue
Message - White
MK4-6 Background - Green
Message - White
MM4-6 Background - White
Message - Green
MN4-6 Background - Brown
Message - White
MP4-6 Background - White
Message - Blue
MR4-6 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	24	12	1 1/8	3/8	3/8	6	3	7	7 1/4	1/2	1 1/2																2.00
3	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5
4	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5
5	36	18	1 1/8	3/8	1/2	9	4 1/2	12	11 7/8	1/2	1 1/2																4.5

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

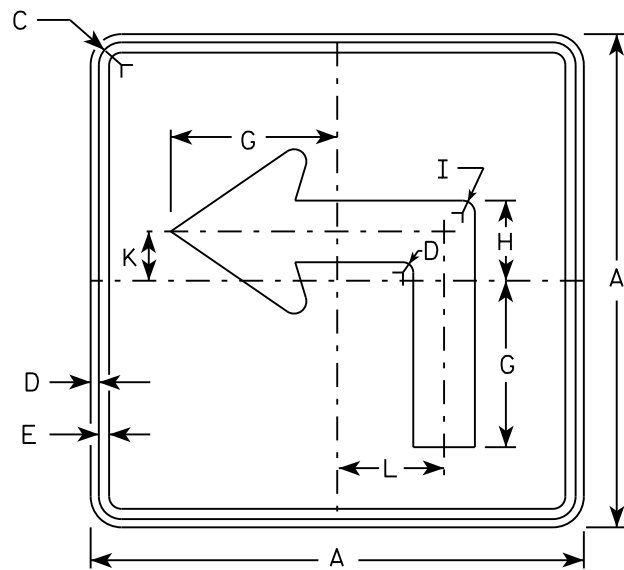
E

STANDARD SIGN
M4-6

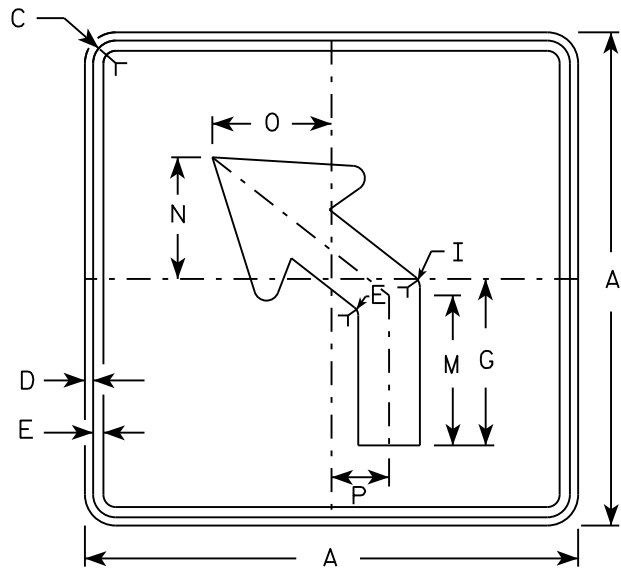
WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

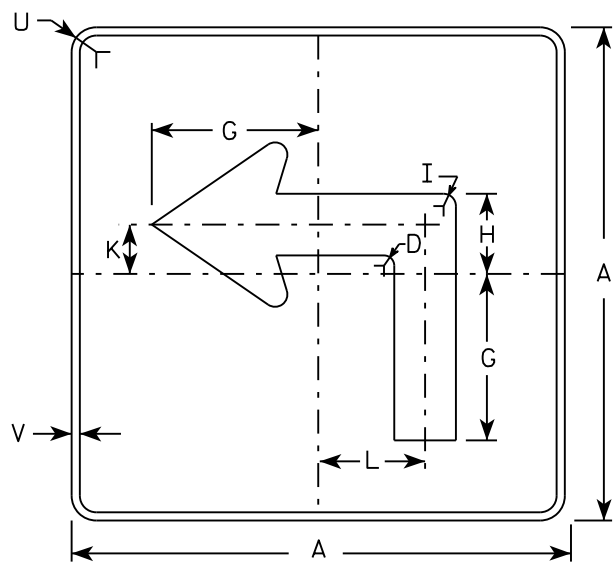
DATE 10/15/15 PLATE NO. M4-7.9



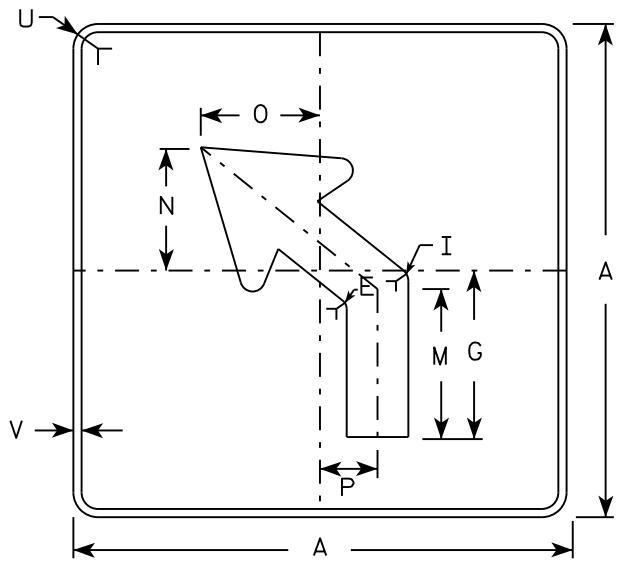
M5-1L
MM5-1L
M05-1L
MP5-1L



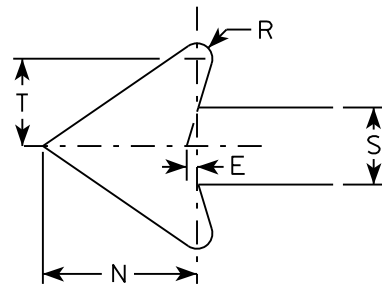
M5-2L
MM5-2L
M05-2L
MP5-2L



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.

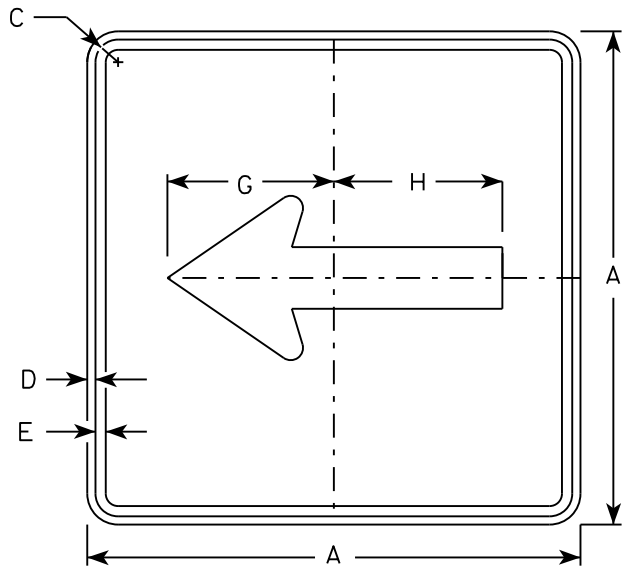
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
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

STANDARD SIGN
M5-1 & M5-2

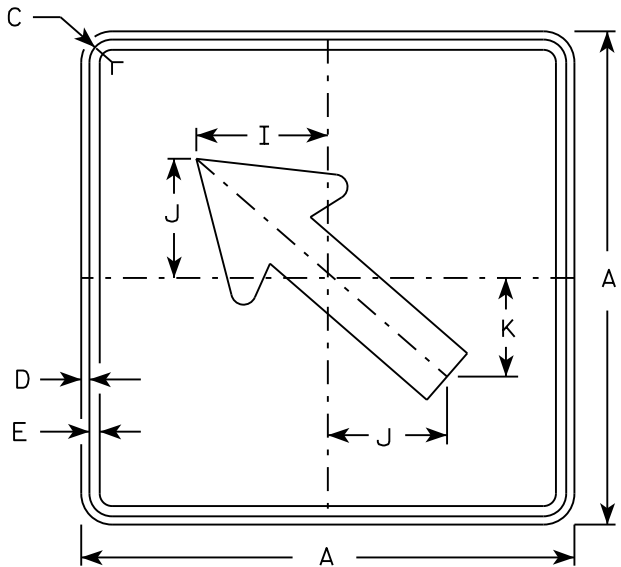
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

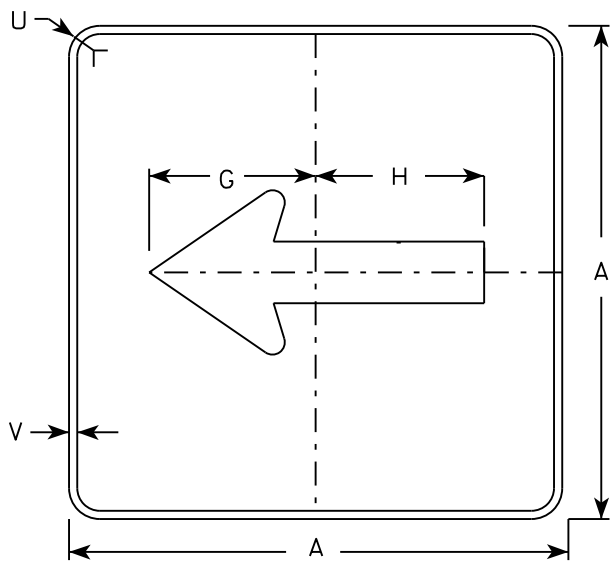
DATE 10/15/15 PLATE NO. M5-1.13



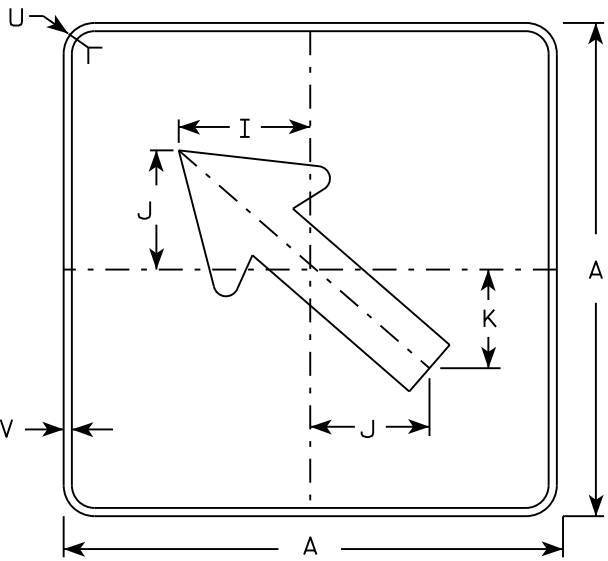
M6 - 1
MM6 - 1
M06 - 1
MP6 - 1



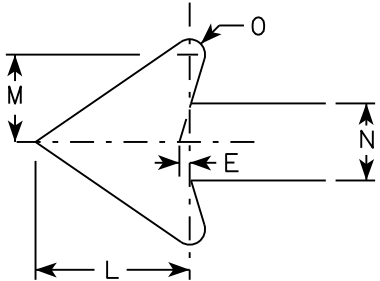
M6 - 2
MM6 - 2
M06 - 2
MP6 - 2



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

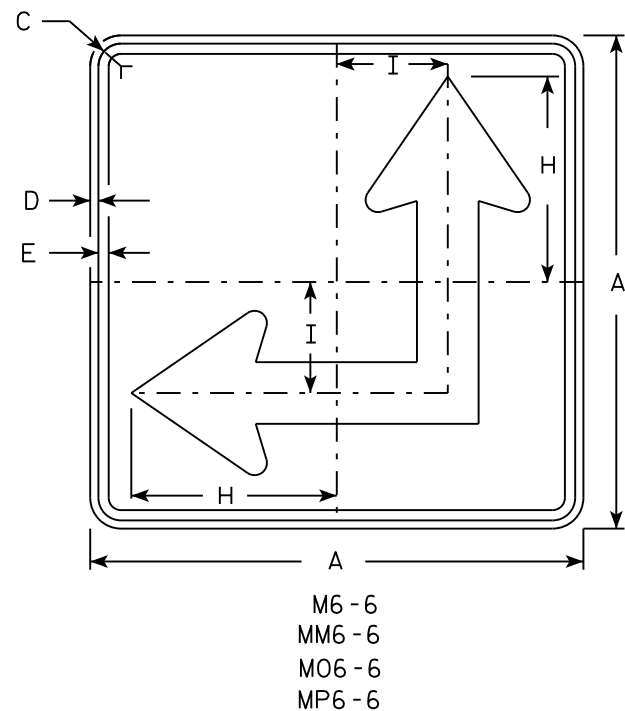
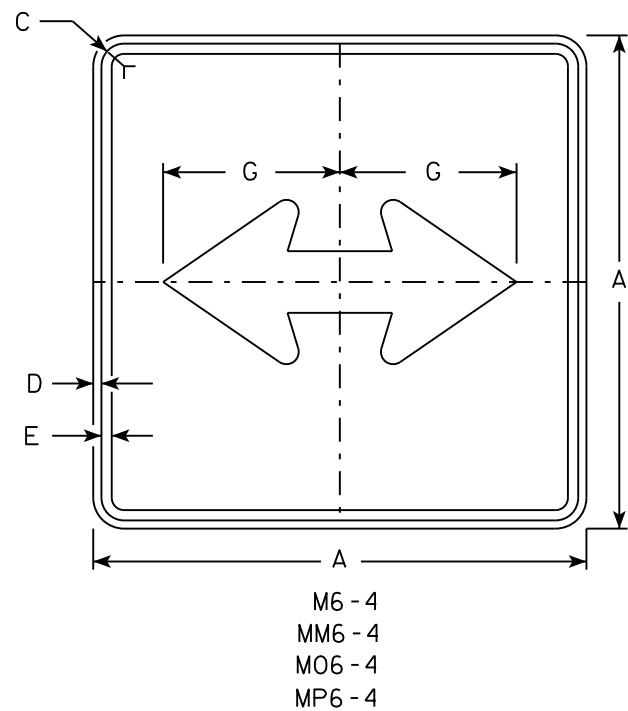
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10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

STANDARD SIGN
M6 - 1 & M6 - 2
SERIES

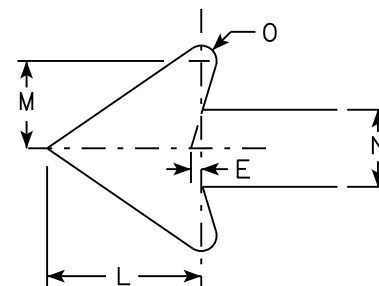
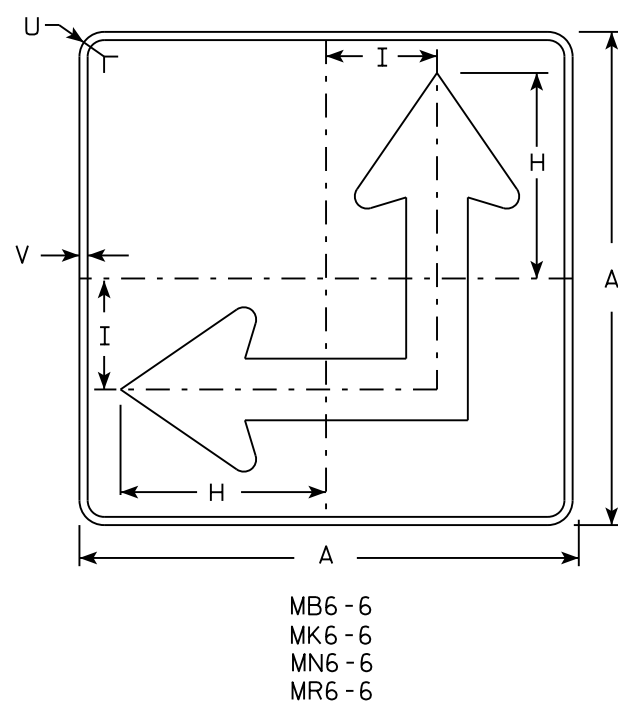
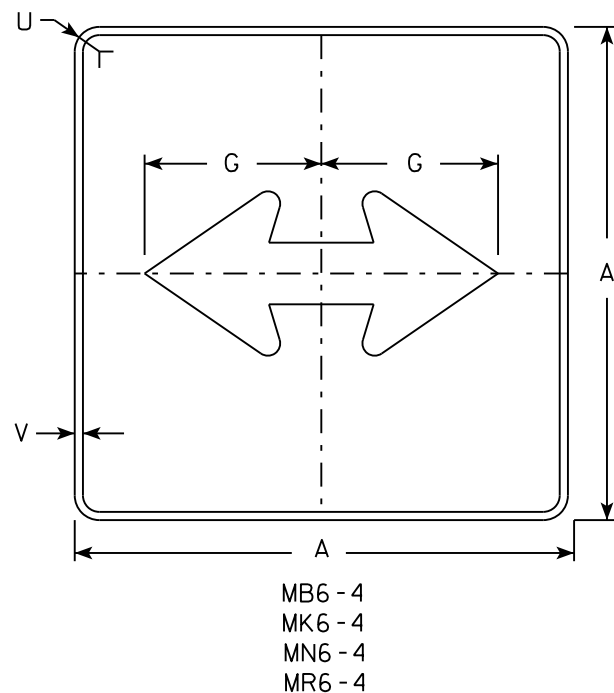
WISCONSIN DEPT OF TRANSPORTATION

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

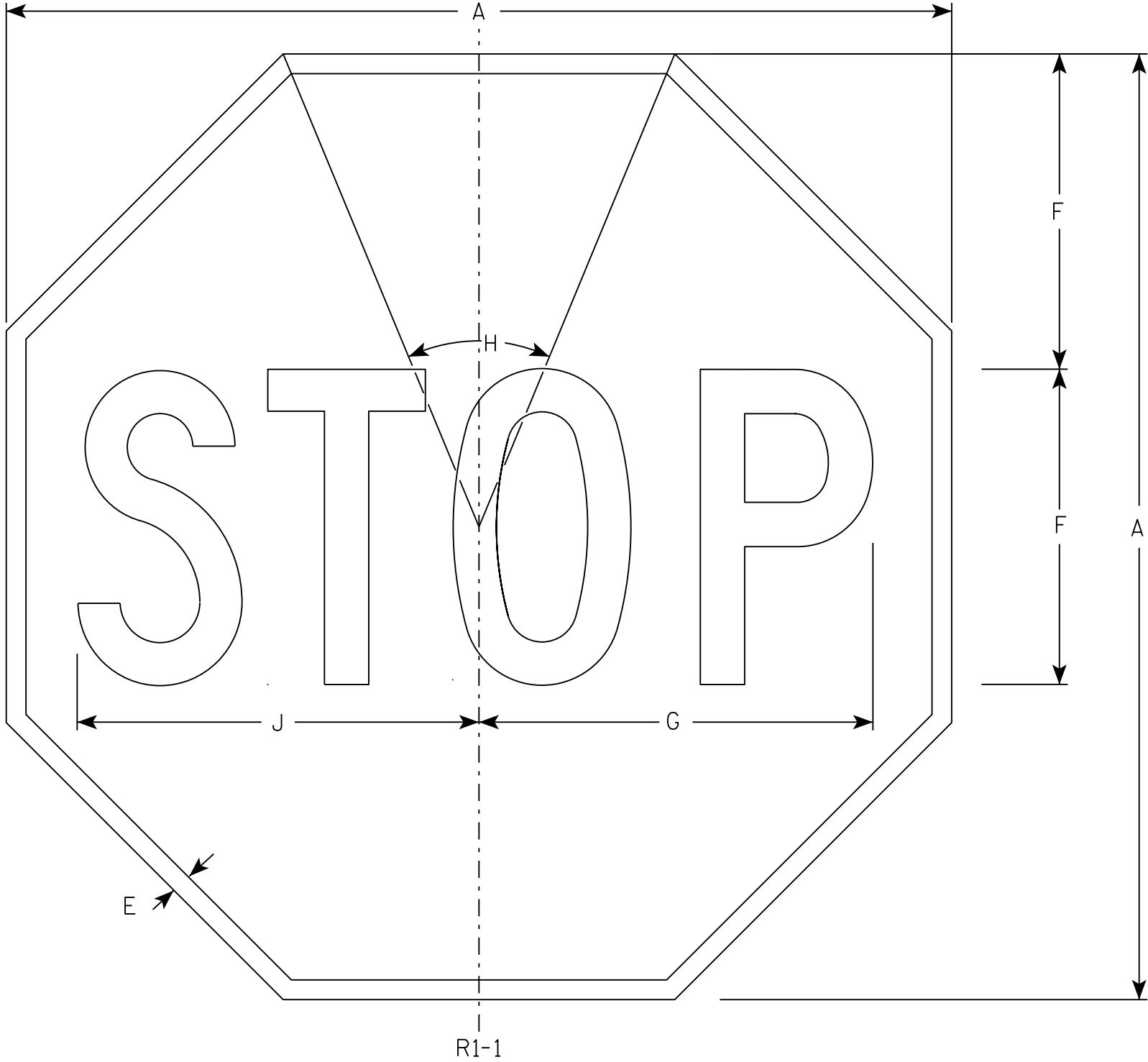
PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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STANDARD SIGN
M6 - 4 & M6 - 6
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 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

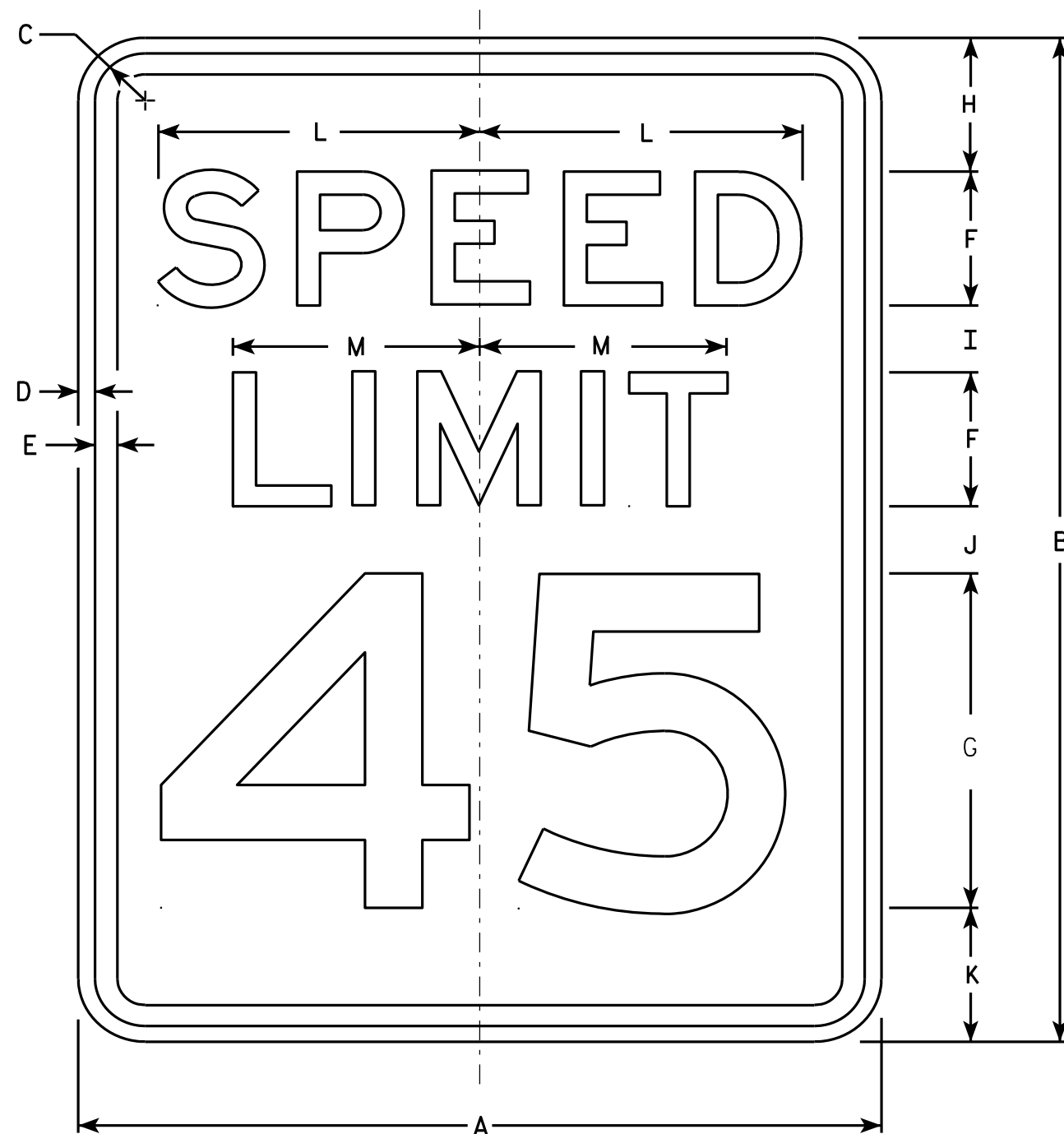
STANDARD SIGN

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

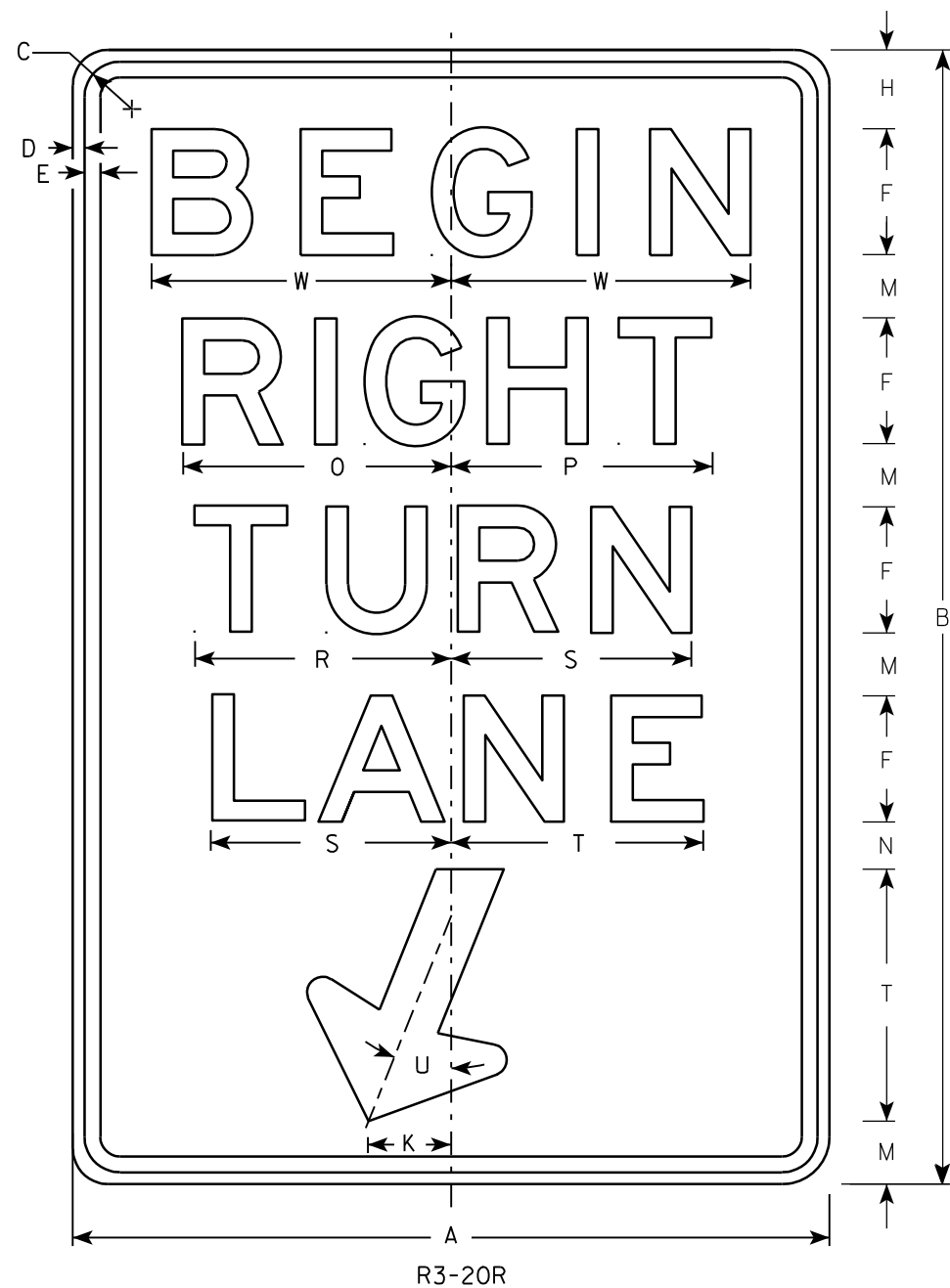
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - White
Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as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

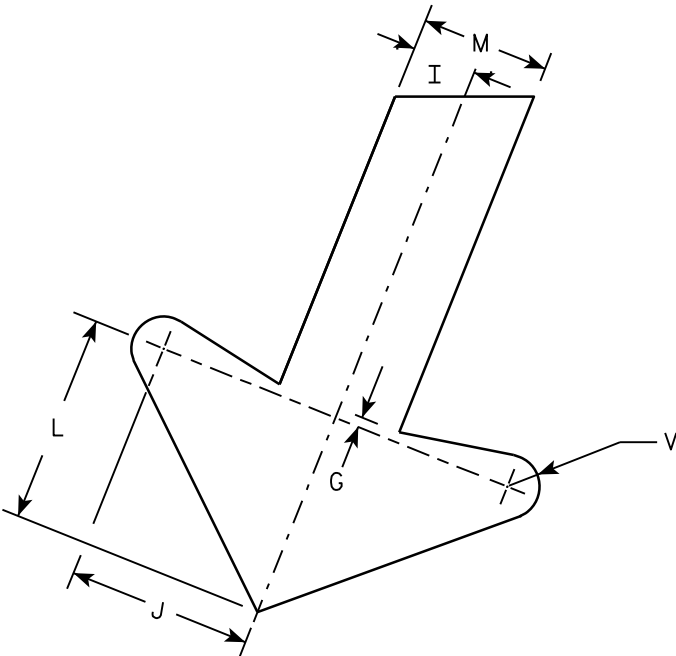
PROJECT NO: HWY: COUNTY: SHEET NO: E



R3-20R

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.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 3/4	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	12 3/4	12 1/2		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

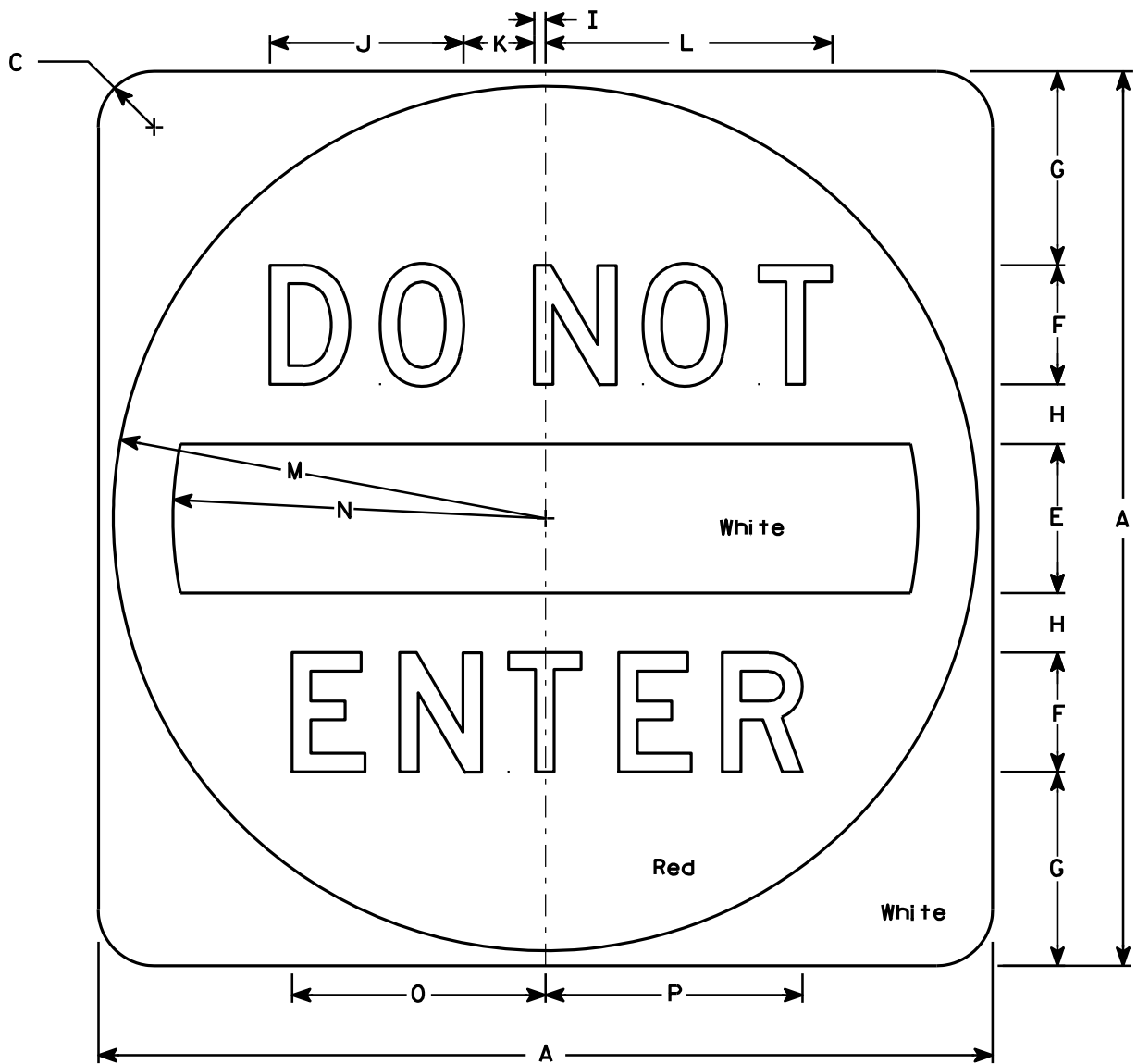
E

NOTES

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

Background - See detail

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



R5 - 1

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30		1 7⁄8		5	4	6 1⁄2	2	3⁄8	6 1⁄2	2 3⁄8	9 5⁄8	14 1⁄2	12 1⁄2	8 1⁄2	8 5⁄8											6.26
2M	36		2 1⁄4		6	5	7 1⁄2	2 1⁄2	1⁄2	8 1⁄8	3	12 1⁄8	17 1⁄2	15	10 5⁄8	10 3⁄4											9.0
3	36		2 1⁄4		6	5	7 1⁄2	2 1⁄2	1⁄2	8 1⁄8	3	12 1⁄8	17 1⁄2	15	10 5⁄8	10 3⁄4											9.0
4	36		2 1⁄4		6	5	7 1⁄2	2 1⁄2	1⁄2	8 1⁄8	3	12 1⁄8	17 1⁄2	15	10 5⁄8	10 3⁄4											9.0
5	48		3		8	6	11	3	5⁄8	9 3⁄4	3 5⁄8	14 1⁄2	23 1⁄2	20	12 3⁄4	12 7⁄8											16.0

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

STANDARD SIGN

R5 - 1

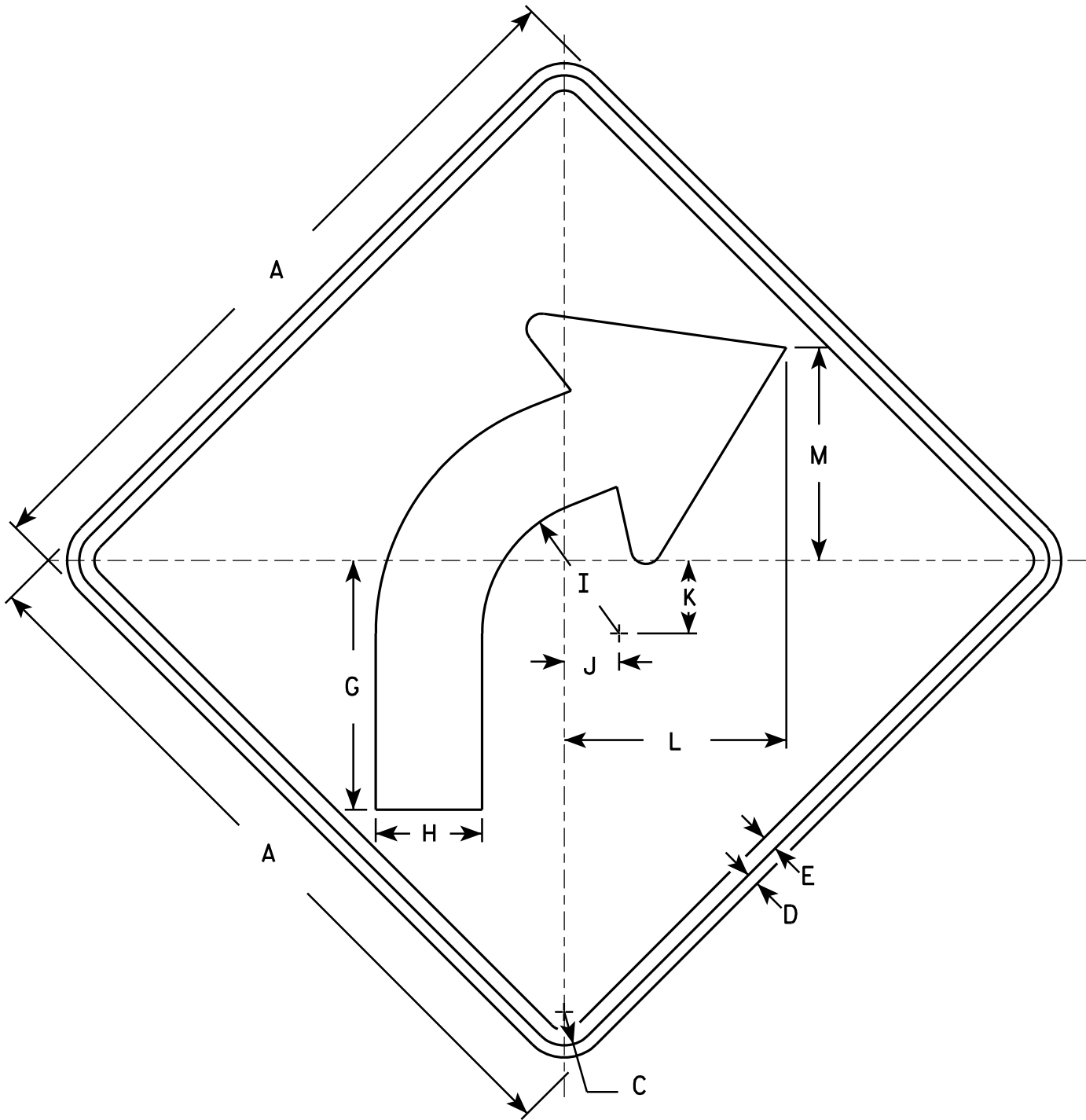
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

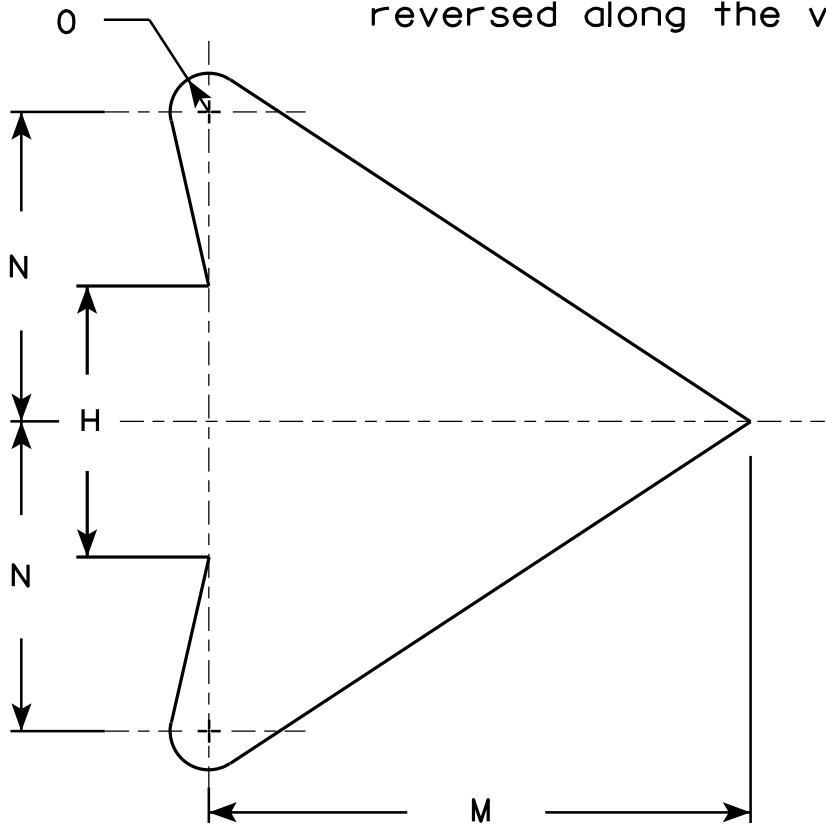
DATE 12/17/10 PLATE NO. R5-1.15

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Yellow
Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



W1-2R



ARROW DETAIL

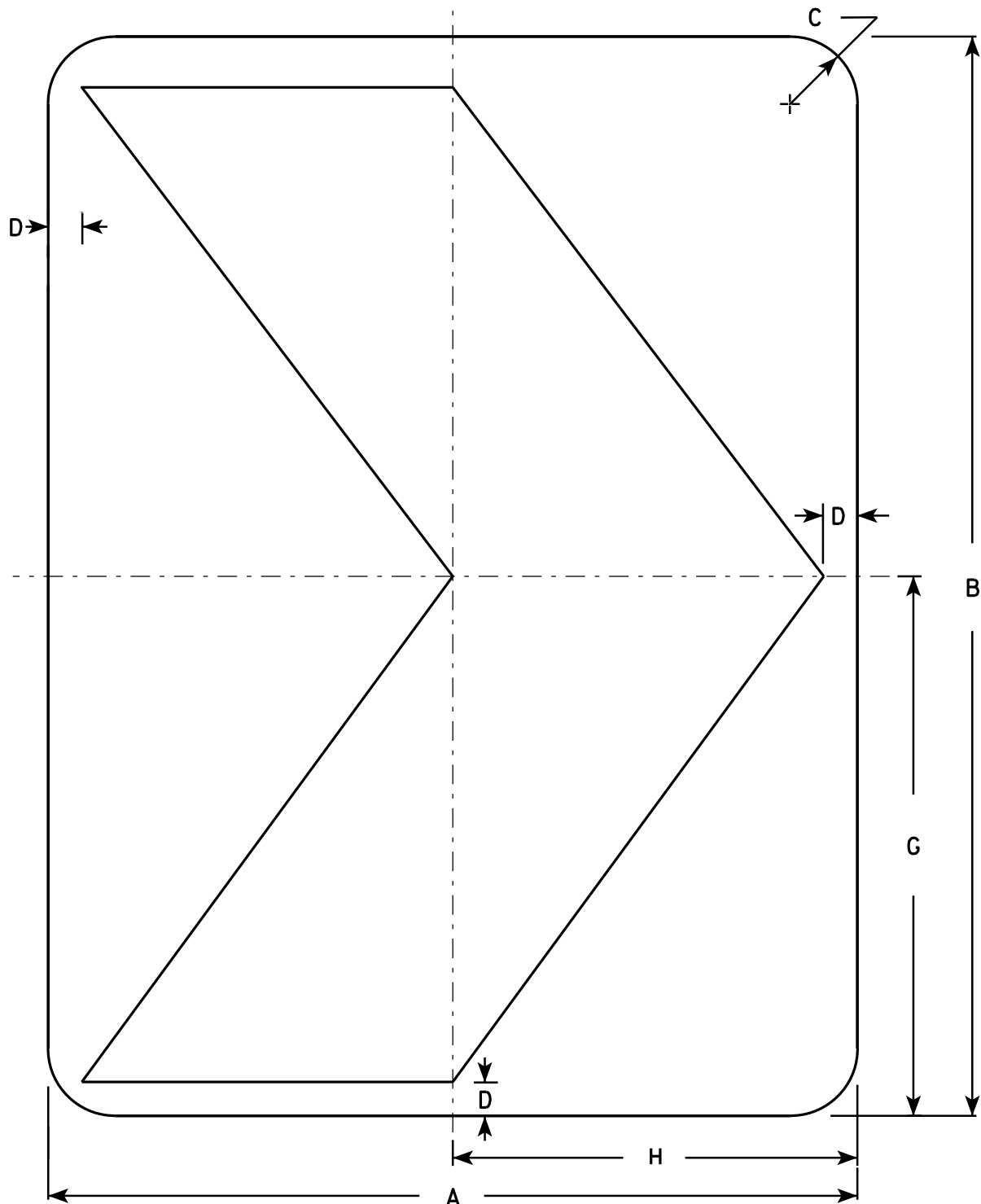
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
2S	30		1 3/8	1/2	5/8		10 1/4	4 3/8	5 5/8	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6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

STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

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



NOTES

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

W1-8

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	12	18	1 1/2	1/2			9	6																			1.5
2S	18	24	1 1/2	3/4			12	9																			3.0
2M	18	24	1 1/2	3/4			12	9																			3.0
3	24	30	1 1/2	1			15	12																			5.0
4	30	36	1 7/8	1 1/4			18	15																			7.5
5	36	48	2 1/4	1 1/2			24	18																			12.0

STANDARD SIGN

W1-8

WISCONSIN DEPT OF TRANSPORTATION

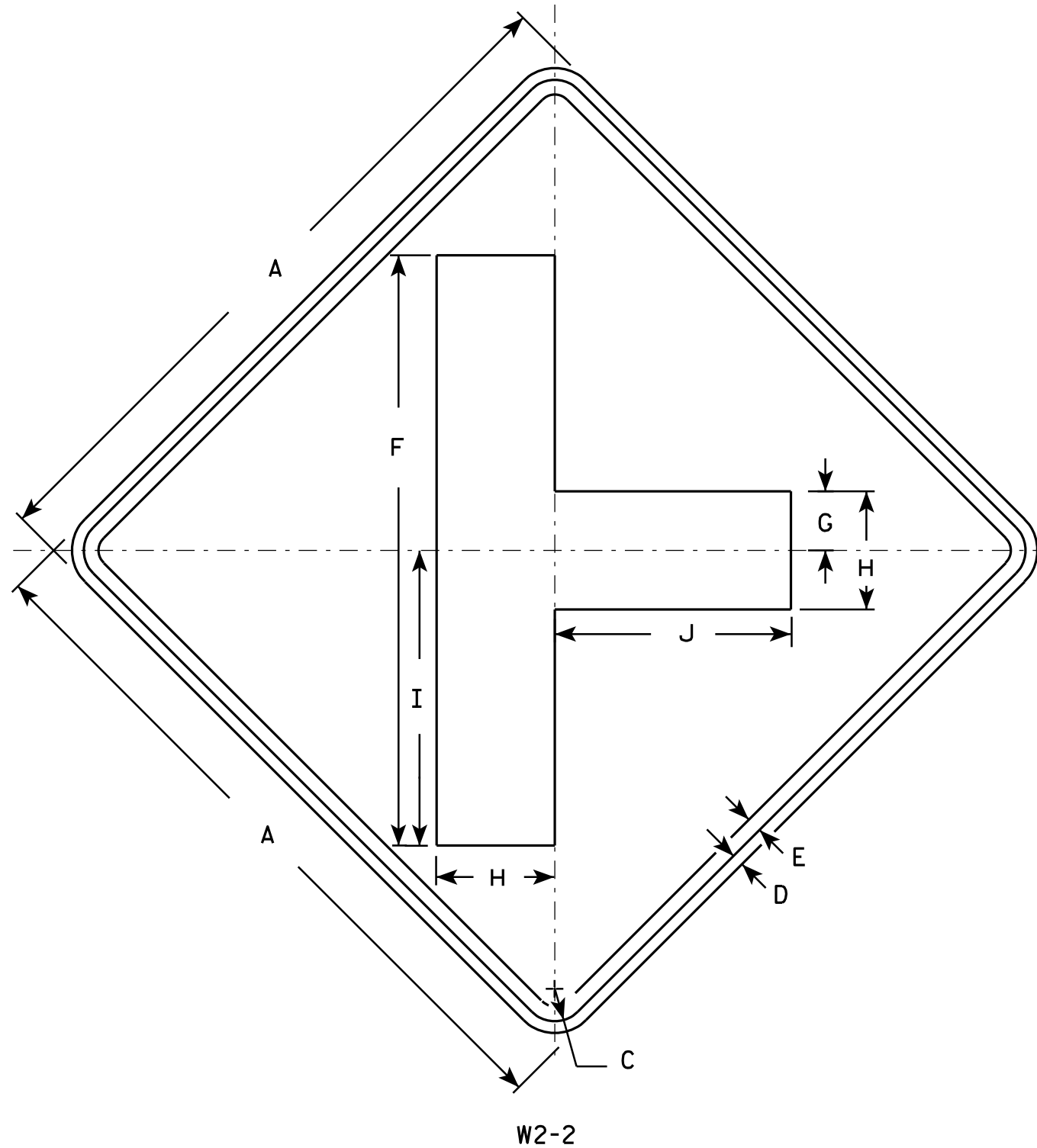
APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-8.6

PROJECT NO:

SHEET NO:

E



NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	20	2	4	10	8																	4.0
2S	30		1 3/8	1/2	5/8	25	2 1/2	5	12 1/2	10																	6.25
2M	30		1 3/8	1/2	5/8	25	2 1/2	5	12 1/2	10																	6.25
3	36		1 5/8	5/8	3/4	30	3	6	15	12																	9.0
4	48		2 1/4	3/4	1	40	4	8	20	16																	16.0
5																											

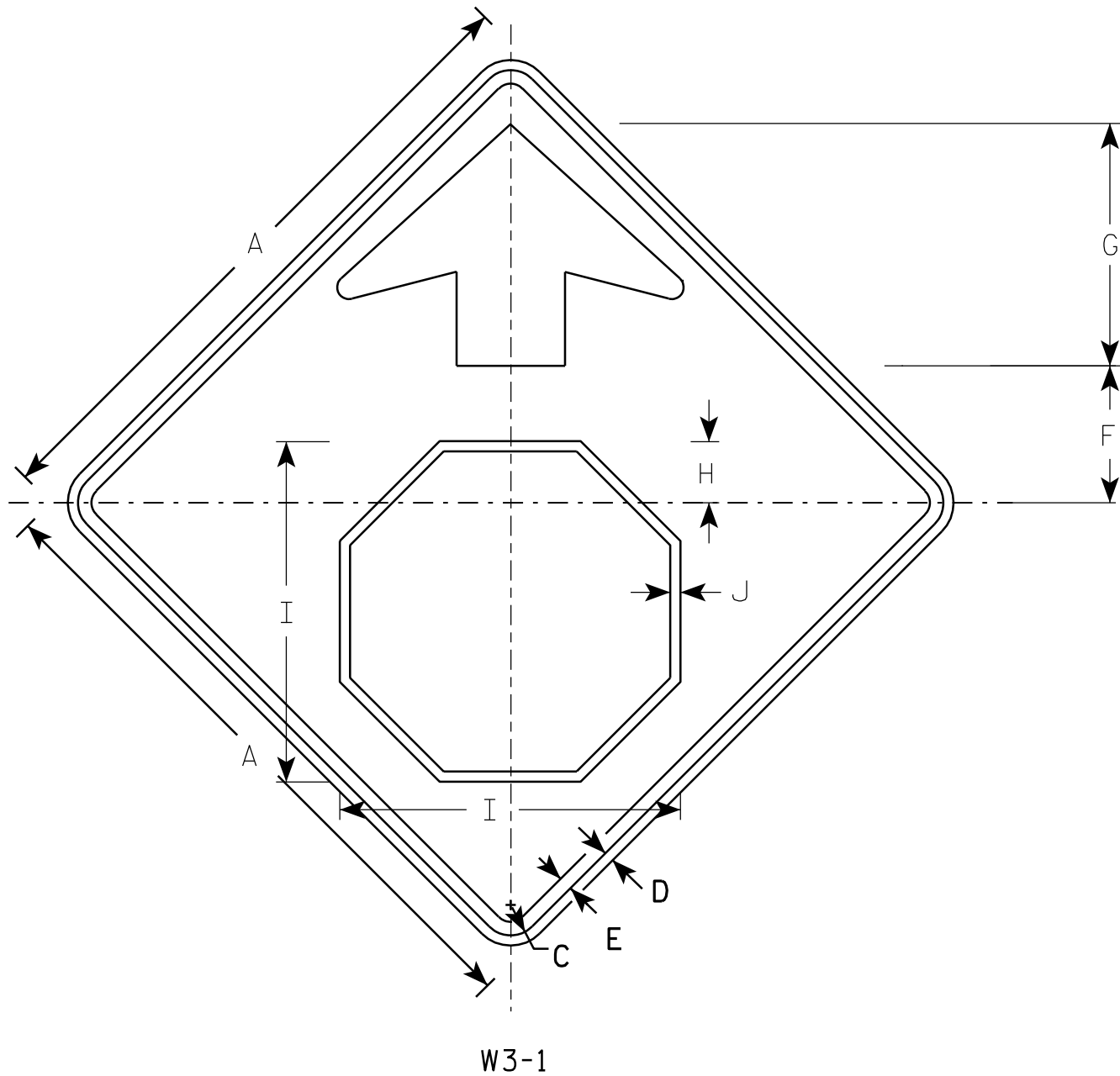
STANDARD SIGN W2-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

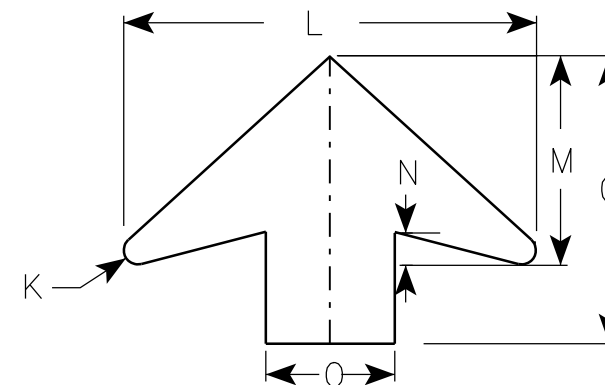
DATE 5/29/12 PLATE NO. W2-2.6

PROJECT NO: HWY: COUNTY: SHEET NO: E



NOTES

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



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	6 1/4	11 1/4	2 7/8	15 3/4	1/2	1/2	16	8	1 1/4	5												6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

PROJECT NO:

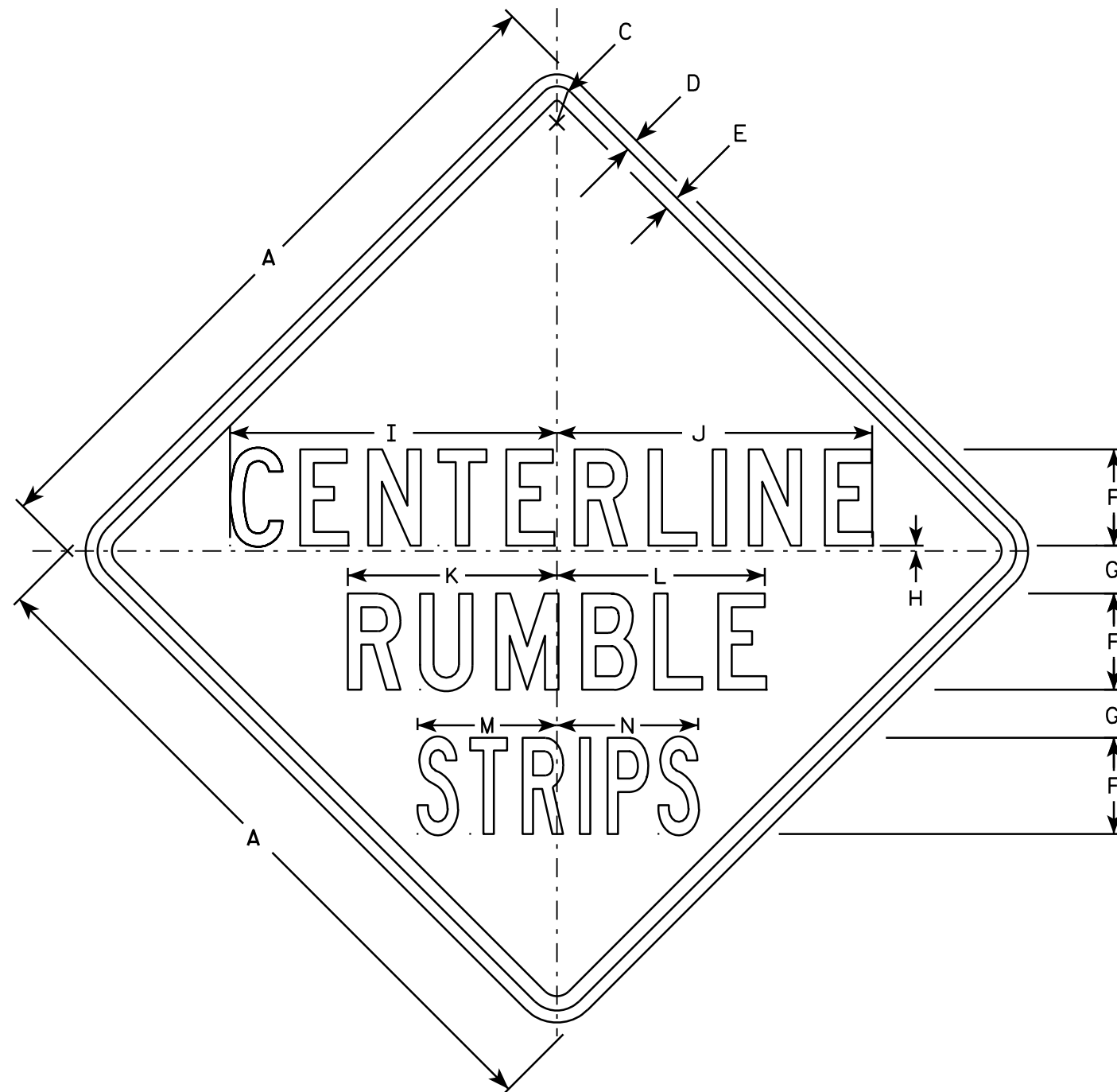
STANDARD SIGN
W3-1

WISCONSIN DEPT OF TRANSPORTATION

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

SHEET NO:

E



W8-70

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - YELLOW
Message - BLACK
3. Message Series - SEE NOTE 5.
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 and 2 are Series C.
Line 3 is Series B.

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

STANDARD SIGN W8-70

WISCONSIN DEPT OF TRANSPORTATION

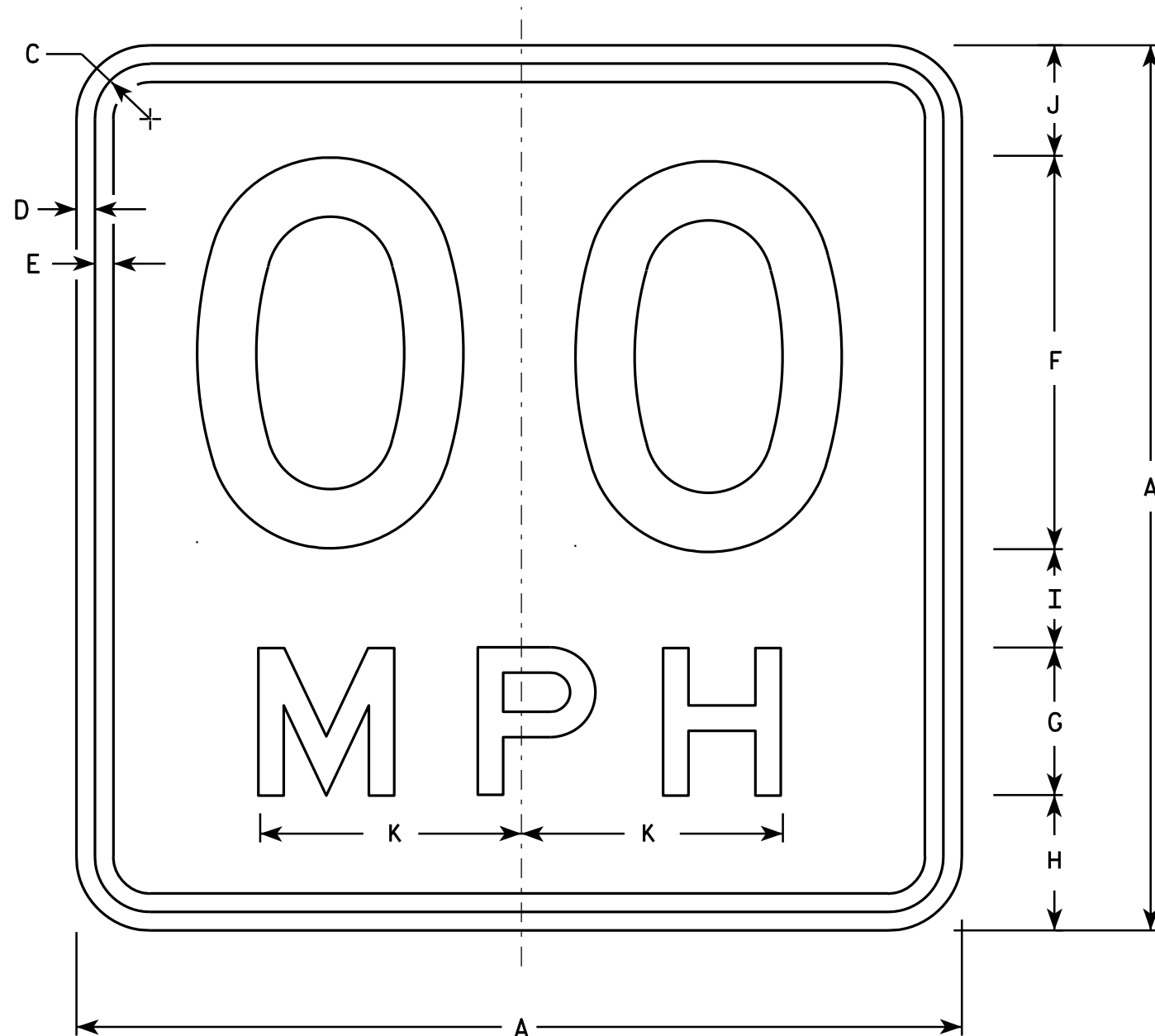
APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 03/18/13 PLATE NO. W8-70.3

PROJECT NO:

SHEET NO:

E



NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Yellow
Message - Black
3. Message Series - See Note 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. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D
Line 2 is Series E

W13-1

- * For 30" x 30" Warning Signs, use 18" x 18" W13-1 signs.
For 36" x 36" Warning Signs, use 24" x 24" W13-1 signs.

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		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
* 2S	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
* 2M	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
3	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

STANDARD SIGN

W13-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 5/31/12 PLATE NO. W13-1.16

PROJECT NO:

HWY:

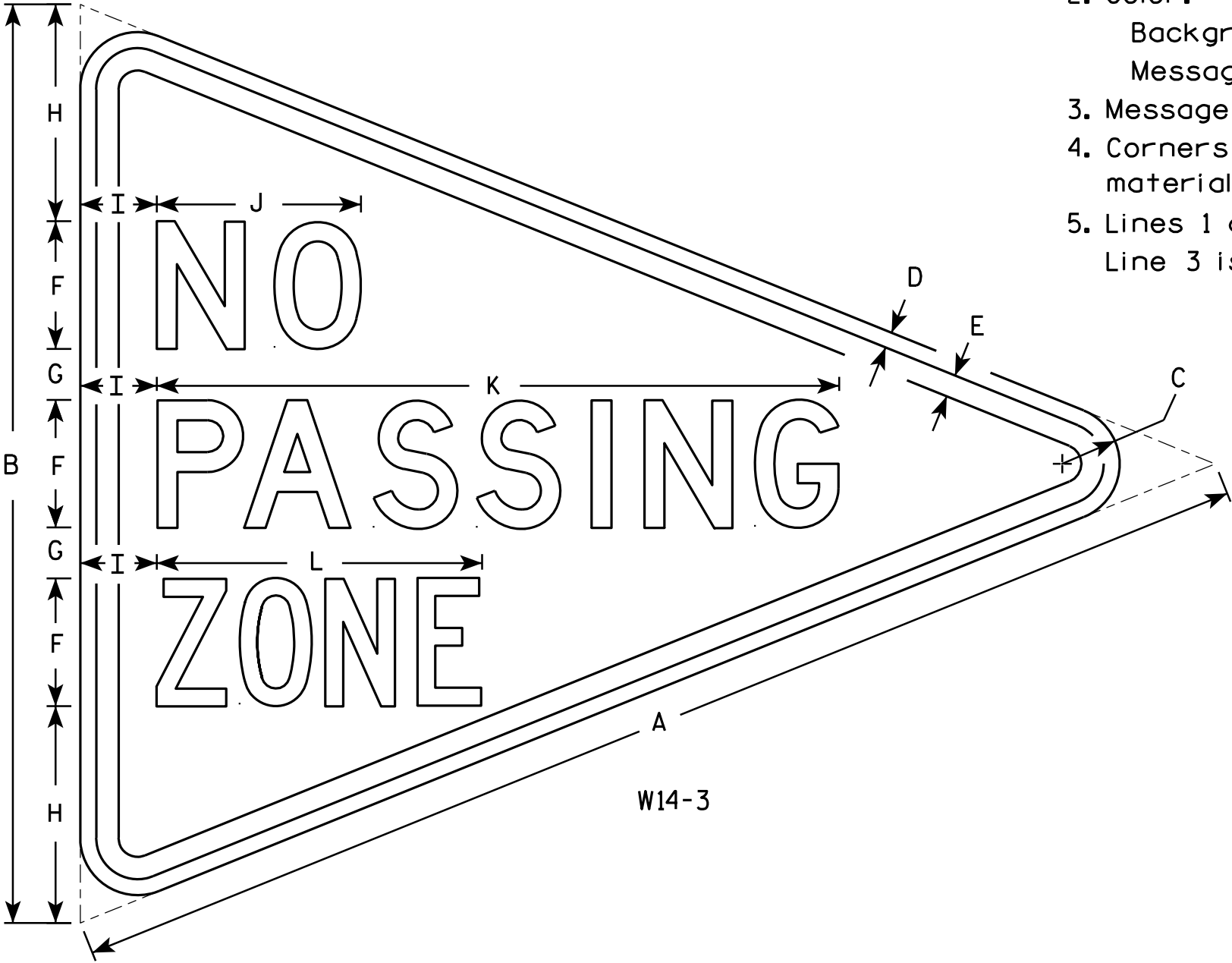
COUNTY:

SHEET NO:

E

NOTES

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



W14-3

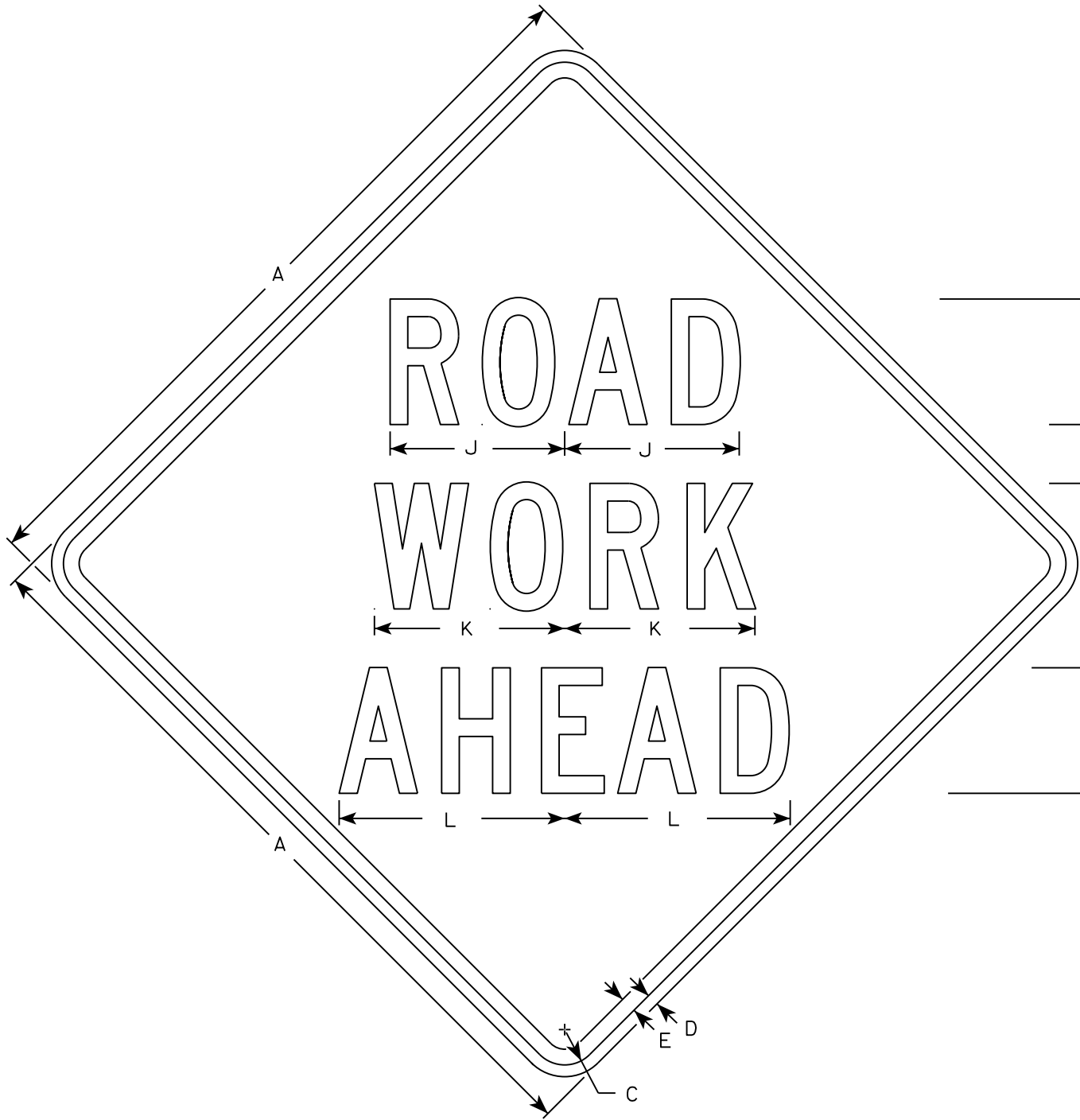
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4														6.0	
2M	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4														6.0	
3	64	48	3	3/4	1 1/4	6	3	12	4	10 3/4	33 5/8	16 1/2														10.7	
4																											
5																											

STANDARD SIGN
W14-3

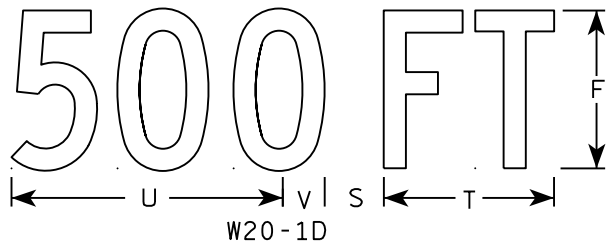
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

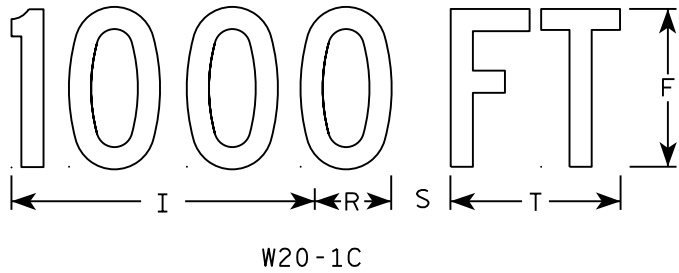
DATE 6/7/10 PLATE NO. W14-3.9



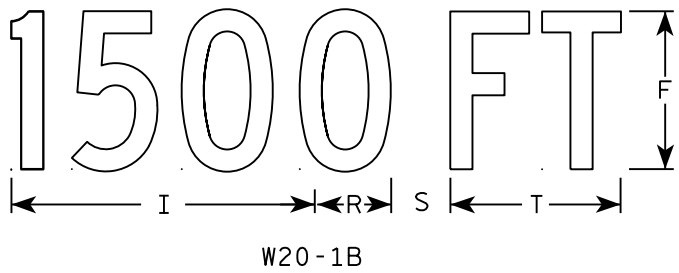
W20-1A



W20-1D



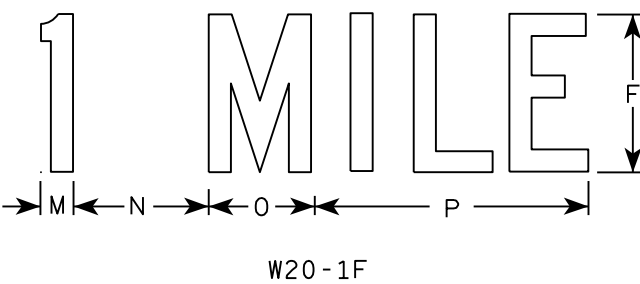
W20-1C



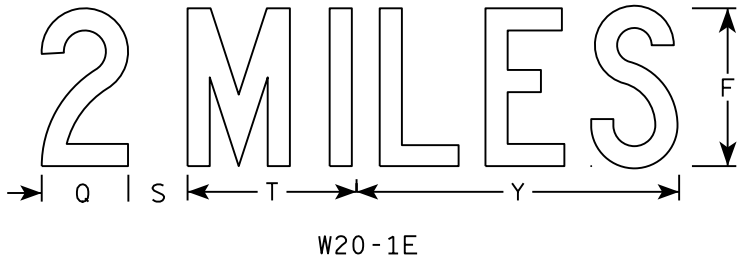
W20-1B



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

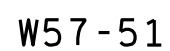
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*

DATE 5/07/15

for State Traffic Engineer

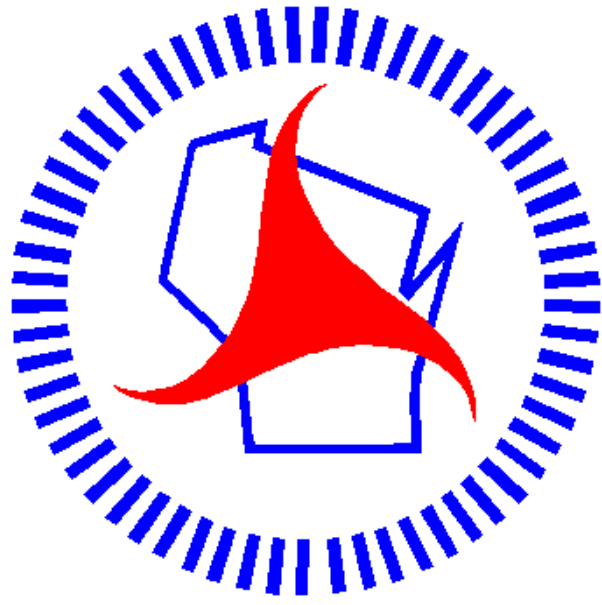
PLATE NO. W20-1.10



* See note 5

STANDARD SIGN	
W57-51	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<u>Matthew R Rauch</u> for State Traffic Engineer
DATE <u>3/13/13</u>	PLATE NO. <u>W57-51.9</u>

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