

SUP  
PROJECT ID:  
WITH: N/A

1610-00-63

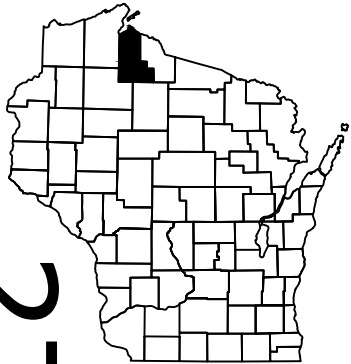
COUNTY:  
ASHLAND

FEBRUARY 2018

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 Plan
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	Gross Sections

TOTAL SHEETS = 86



DESIGN DESIGNATION 1610-00-33

A.A.D.T.	2015	=	3000
A.A.D.T.	2040	=	3800
D.H.V.		=	25.7
D.D.		=	60/40
T.		=	13.8
DESIGN SPEED		=	55 MPH
ESALS		=	1,600,000

CONVENTIONAL SYMBOLS

PLAN

CORPORATE LIMITS

PROPERTY LINE

LOT LINE

LIMITED HIGHWAY EASEMENT

EXISTING RIGHT OF WAY

PROPOSED OR NEW R/W LINE

SLOPE INTERCEPT

REFERENCE LINE

EXISTING CULVERT

PROPOSED CULVERT  
(Box or Pipe)

COMBUSTIBLE FLUIDS

MARSH AREA

WOODED OR SHRUB AREA

PROFILE

GRADE LINE

ORIGINAL GROUND

MARSH OR ROCK PROFILE  
(To be noted as such)

SPECIAL DITCH

GRADE ELEVATION

CULVERT (Profile View)

UTILITIES

ELECTRIC

FIBER OPTIC

GAS

SANITARY SEWER

STORM SEWER

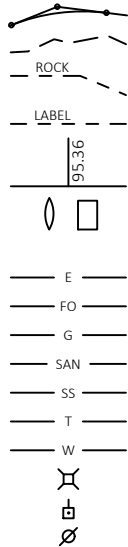
TELEPHONE

WATER

UTILITY PEDESTAL

POWER POLE

TELEPHONE POLE



EQUATION STA. 736+11.58A BK=  
STA. 108+98.36B AHD

EXCEPTION TO NET CL LENGTH  
E FORK CHIPPEWA RIVER BRIDGE  
B-02-0047  
STA. 698+44A - STA. 699+83A

EXCEPTION TO NET CL LENGTH  
BUTTERNUT CREEK BRIDGE  
B-02-0057  
STA. 193+15A - STA. 193+85A

# STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

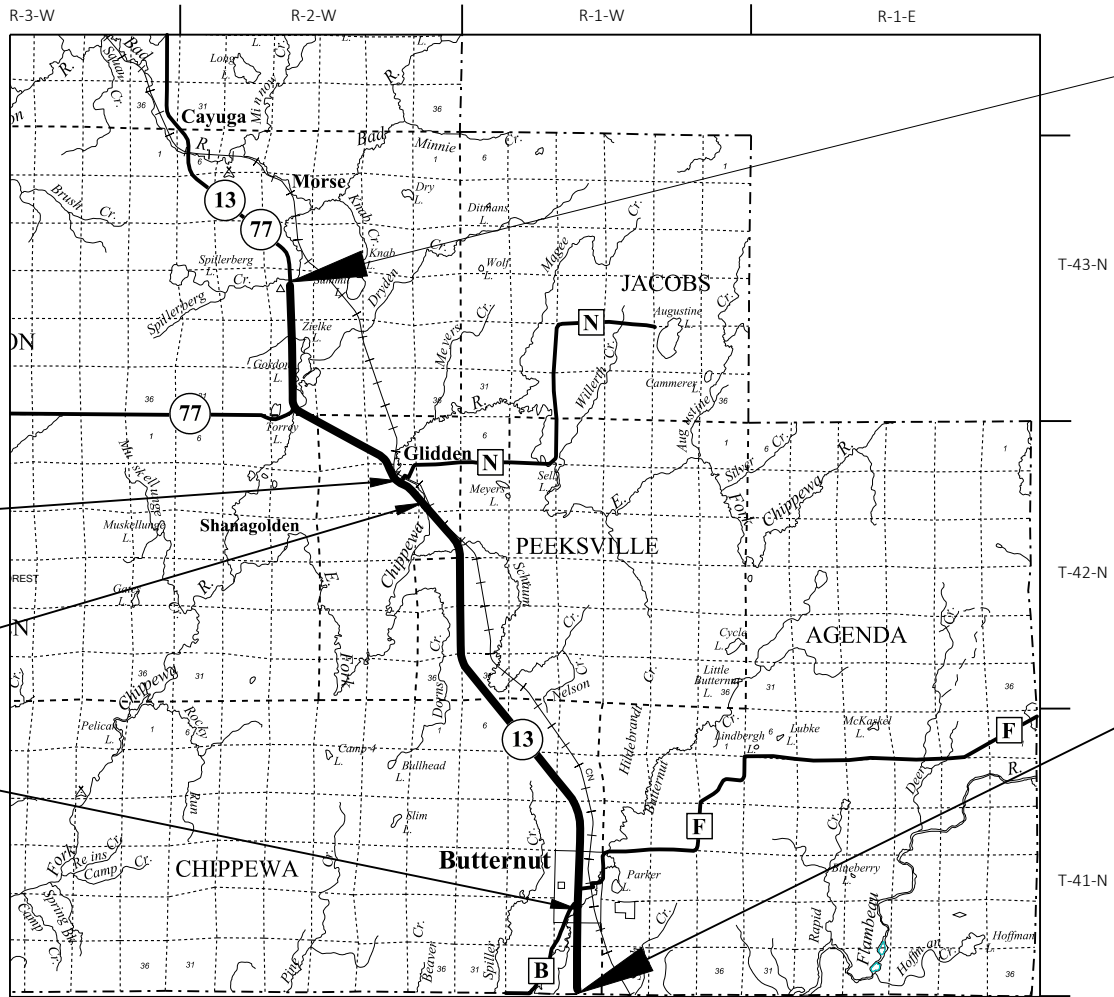
## PARK FALLS - MELLE

SOUTH COUNTY LINE TO MORSE RD

STH 13  
ASHLAND COUNTY

STATE PROJECT NUMBER

1610-00-63



LAYOUT  
SCALE 0 4 MI

TOTAL NET LENGTH OF CENTERLINE = 17.330 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, ASHLAND COUNTY, NAD83 ( 2011 ), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE PROJECT

1610-00-63

FEDERAL PROJECT

PROJECT

CONTRACT

END PROJECT

STA. 390+00B

N 178520.22

E 566142.11

BEGIN PROJECT

STA. 100+00A

N 100471.35

E 598466.54

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT NW REGION - SUPERIOR
Designer	ZACHARY ERICKSON
Project Manager	MATTHEW DICKENSON
Regional Examiner	JENNIFER OLDENBURG
Regional Supervisor	DAVID OSTROWSKI

APPROVED FOR THE DEPARTMENT

DATE: 07/21/17 Matthew J. Dickenson (Signature)

E

## COMMUNICATIONS

WISDOT - NW REGION  
ATTN: MATTHEW DICKENSON - PROJECT MANAGER  
1701 N. 4TH STREET  
SUPERIOR, WI 54880  
PHONE: (715) 395-3022  
EMAIL: matthew.dickenson@dot.wi.gov

ATTN: ZACHARY ERICKSON - DESIGN PROJECT LEADER  
1701 N. 4TH STREET  
SUPERIOR, WI 54880  
PHONE: (715) 392-7996  
EMAIL: zachary.erickson@dot.wi.gov

ATTN: MATTHEW REDDY - TRAFFIC ENGINEER  
5009 USH 53 SOUTH  
EAU CLAIRE, WI 54701  
PHONE: (715) 839-1650  
EMAIL: matthew.reddy@dot.wi.gov

WDNR - NORTHERN REGION HQ  
ATTN: SHAWN HASELEU  
810 WEST MAPLE STREET  
SPOONER, WI 54801  
PHONE: (715) 635-4228  
EMAIL: shawn.haseleu@wisconsin.gov

ASHLAND COUNTY HIGHWAY DEPARTMENT  
ATTN: EMMER SHIELDS - HIGHWAY COMMISSIONER  
PO BOX 25  
39181 STH 13  
HIGHBRIDGE, WI 54846  
PHONE: (715) 274-3662  
EMAIL: ashcohw@yahoo.com

WISCONSIN STATE PATROL SPOONER POST  
W7102 GREEN VALLEY ROAD  
SPOONER, WI 54801  
PHONE: (715) 635-2141  
EMERGENCY: (715) 635-7725  
FAX: (715) 635-6373

ASHLAND COUNTY SHERIFF'S OFFICE  
220 6TH STREET EAST  
ASHLAND, WI 54806  
PHONE: (715) 685-7640  
FAX: (715) 682-7039  
EMERGENCY: 911

THE LOCATION OF EXISTING AND PROPOSED UTILITY FACILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

ACCESS TO ALL RESIDENCES SHALL BE MAINTAINED DURING CONSTRUCTION.

DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE SALVAGED TOPSOIL, FERTILIZED, SEEDED, TEMPORARY SEEDED AND MULCHED AS DIRECTED BY THE ENGINEER.

CURVE DATA SHOWN IS "ARC DEFINITION".

THE EXACT LOCATION OF THE EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD.

## LIST OF STANDARD ABBREVIATIONS

ABUT.	ABUTMENT
AGG.	AGGREGATE
AH.	AHEAD
AADT	ANNUAL AVERAGE DAILY TRAFFIC
APPROX.	APPROXIMATE
AEW	APRON END WALL
ASPH.	ASPHALTIC
BK.	BACK
BEG.	BEGIN
B.M.	BENCH MARK
C/L OR $\text{C}$	CENTER LINE
C.E.	COMMERCIAL ENTRANCE
CONC.	CONCRETE
CONSTRUT.	CONSTRUCTION
CO.	COUNTY
CTH	COUNTY TRUNK HIGHWAY
X-SEC.	CROSS SECTION
CR.	CRUSHED
CULV.	CULVERT
DOT	DEPARTMENT OF TRANSPORTATION
D.H.V.	DESIGN HOUR VOLUME
DIA.	DIAMETER
DISCH. OR DIS.	DISCHARGE
E.	EAST
EB	EASTBOUND
EA.	EACH
ELEC.	ELECTRIC
EL. OR ELEV.	ELEVATION
ESALS	EQUIVALENT SINGLE AXLE LOADS
E.B.S.	EXCAVATION BELOW SUBGRADE
EX.	EXISTING
FERT.	FERTILIZE
FE	FIELD ENTRANCE
FIN.	FINISHED
F.L. OR $\text{f}$	FLOW LINE
HOR.	HORIZONTAL
INL.	INLET
INTER.	INTERSECTION
INV.	INVERT
LT	LEFT
L.H.F.	LEFT-HAND FORWARD

LS	LINEAR FOOT
MAX.	LUMP SUM
MISC.	MAXIMUM
N.	MISCELLANEOUS
NE	NORTH
NW	NORTHEAST
PAVT.	NORTHWEST
PC	PAVEMENT
PI	POINT OF CURVATURE
PT	POINT OF INTERSECTION
POT	POINT OF TANGENCY
PPE	POINT ON TANGENT
PROJ.	PRIVATE ENTRANCE
R	PROJECT
REQ'D	RANGE
R/L	REQUIRED
RT	REFERENCE LINE
R.H.F.	RIGHT
R/W	RIGHT-HAND FORWARD
RD	RIGHT-OF-WAY
SHLD	ROAD
S.	SHOULDER
SDD	SOUTH
STH	STANDARD DETAIL DRAWINGS
STA.	STATE TRUNK HIGHWAYS
STRUCT.	STATION
TEL	STRUCTURE
TEMP.	TELEPHONE
T	TEMPORARY
T.	TOWN
TYP.	TRUCKS (PERCENT OF)
UG	TYPICAL
VAR.	UNDERGROUND
V	VARIABLE
VC	VELOCITY OR DESIGN SPEED
W.	VERTICAL CURVE
WB	WEST
WD	WESTBOUND
WZ	WORKING DAY
X	WORK ZONE
Y	EAST GRID COORDINATE
	NORTH GRID COORDINATE

XCEL ENERGY COMMUNICATIONS TOWER, ELECTRICITY,  
TRANSMISSION, AND GAS/PETROLEUM  
ATTN: MURRAY SMERER  
2400 FARM ROAD  
ASHLAND, WI 54806  
PHONE: (715) 682-6928 (W), (715) 209-3071 (M)  
EMAIL: murray.j.smerer@xcelenergy.com

NORTHERN NATURAL GAS COMPANY  
ATTN: JEFF TELKER  
1995 NORTHERN NATURAL GAS ROAD  
CARLTON, MN 55718  
PHONE: (402) 530-3466  
EMAIL: jeff.telker@nngco.com

BAYFIELD ELECTRIC COOPERATIVE INC - ELECTRICITY  
ATTN: GARY TARASEWICZ  
P.O. BOX 68  
IRON RIVER, WI 54847  
PHONE: (715) 372-4287  
EMAIL: gary.tarasewicz@bayfieldelectric.com

GLIDDEN SANITARY DISTRICT  
ATTN: CLEON SCHMIDT  
P.O. BOX 184  
GLIDDEN, WI 54527  
PHONE: (715) 264-4851

PRICE ELECTRIC COOPERATIVE INC - ELECTRICITY  
ATTN: BEN ORYSEN  
P.O. BOX 110  
PHILLIPS, WI 54555  
PHONE: (715) 339-2155  
EMAIL: borysen@price-electric.com

BUTTERNUT MUNICIPAL WATER & SANITARY DEPARTMENT  
ATTN: JOHN FURTAK  
P.O. BOX 276  
BUTTERNUT, WI 54514-0276  
PHONE: (715) 769-3113

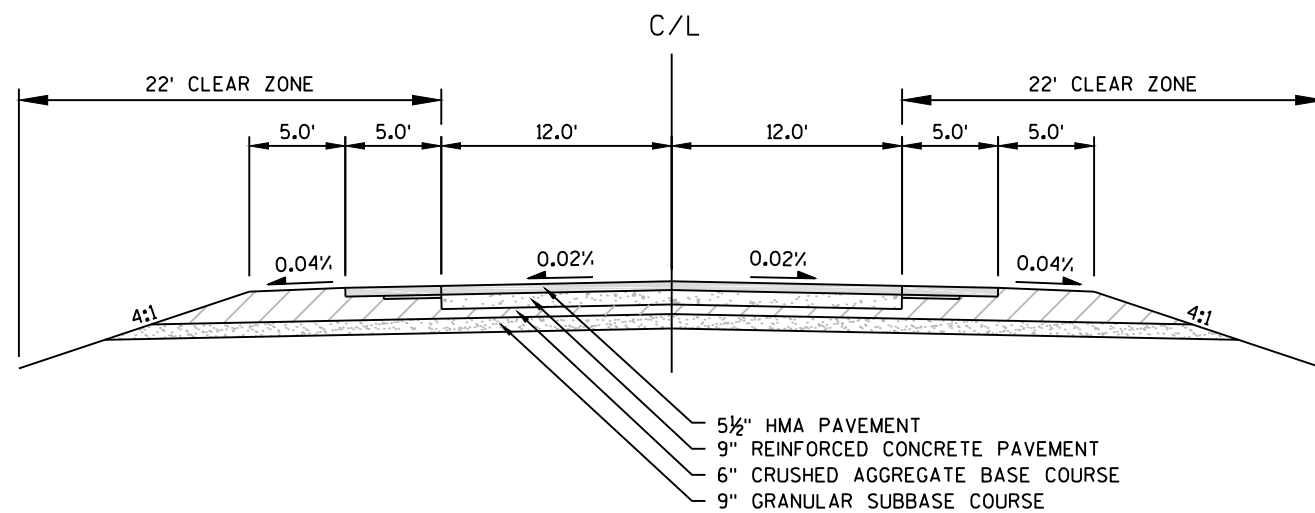
\*WISCONSIN CENTRAL LTD (CN) - RAILROAD  
ATTN: JACKIE MACEWICZ  
1625 DEPOT STREET  
STEVENS POINT, WI 54481  
PHONE: (715) 345-2503  
EMAIL: jackie.macewicz@cn.ca

**DIGGERS  HOTLINE**

Dial **811** or (800)242-8511

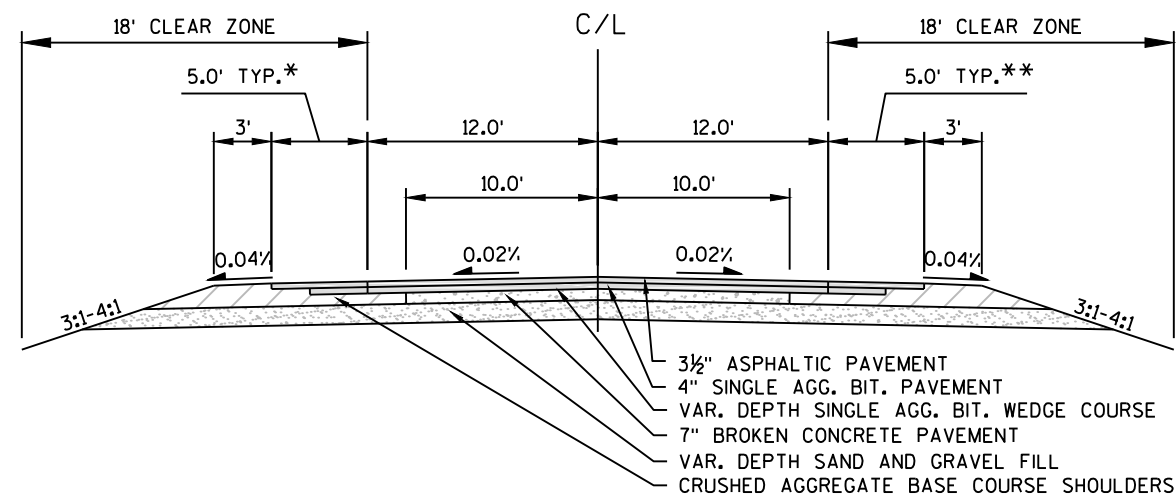
[www.DiggersHotline.com](http://www.DiggersHotline.com)

\*WISCONSIN CENTRAL LTD (CN) IS NOT PART OF  
DIGGERS HOTLINE; CALL WCL's "CALL BEFORE  
YOU DIG" LINE AT (734) 783-4533.



EXISTING TYPICAL SECTION STH 13

STA 100+00A TO STA 117+11A

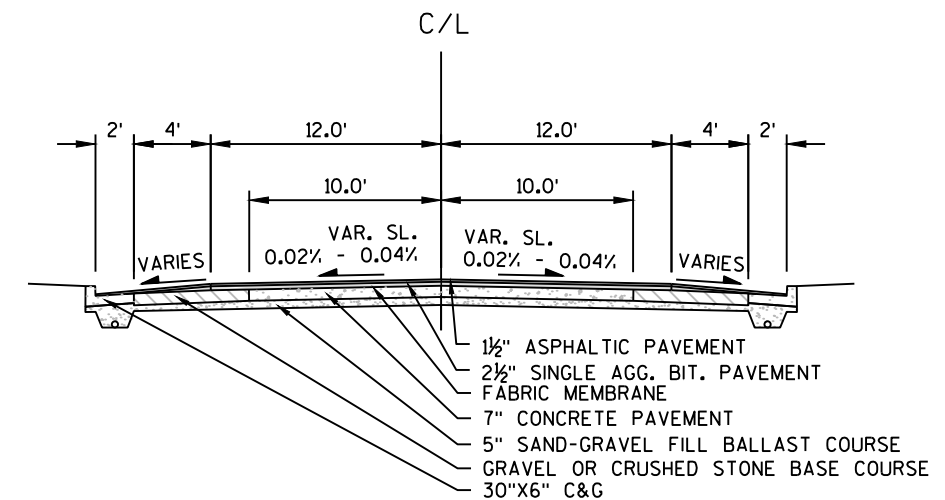


EXISTING TYPICAL SECTION STH 13

STA 117+11A TO STA 193+15A  
 STA 193+85A TO STA 204+60A  
 STA 215+00A TO STA 698+44A  
 STA 699+83A TO STA 726+00A

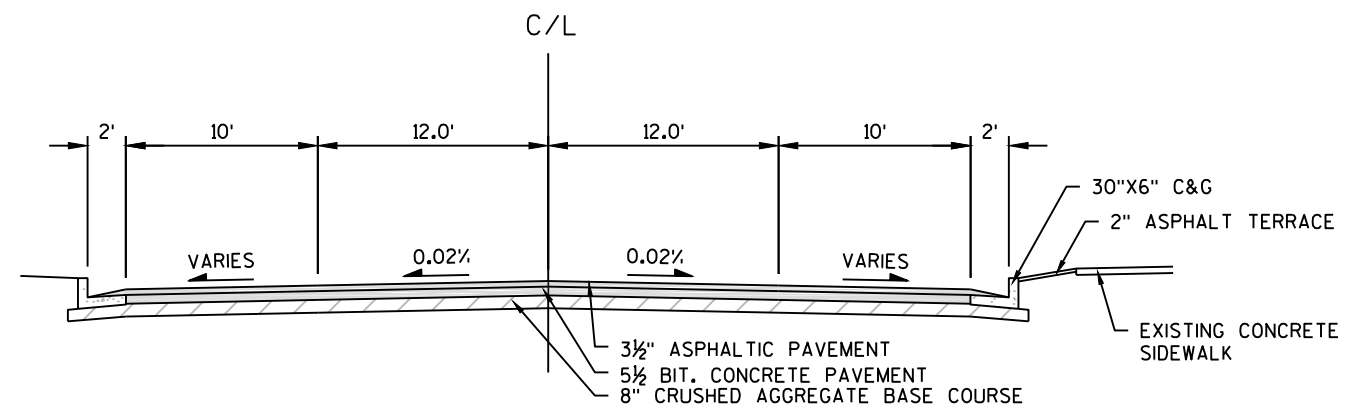
NOTE: \*PAVED LEFT SHOULDER IS FULL WIDTH  
 STA. 192+40A - STA. 193+36A (10' WIDE AT GUARDRAIL)  
 STA. 193+65A - STA. 194+60A (10' WIDE AT GUARDRAIL)  
 STA. 217+60A - STA. 219+70A (8' WIDE AT RETAINING WALL)  
 STA. 633+00A - STA. 636+50A (10' WIDE AT GUARDRAIL)  
 STA. 697+50A - STA. 698+64A (10' WIDE AT GUARDRAIL)  
 STA. 699+63A - STA. 702+10A (10' WIDE AT GUARDRAIL)  
 STA. 725+35A - STA. 726+00A (TAPERS OUT TO 12' WIDTH)

\*\*PAVED RIGHT SHOULDER IS FULL WIDTH  
 STA. 192+40A - STA. 193+36A (10' WIDE AT GUARDRAIL)  
 STA. 193+65A - STA. 194+60A (10' WIDE AT GUARDRAIL)  
 STA. 632+75A - STA. 635+90A (10' WIDE AT GUARDRAIL)  
 STA. 697+50A - STA. 698+64A (10' WIDE AT GUARDRAIL)  
 STA. 699+63A - STA. 700+75A (10' WIDE AT GUARDRAIL)  
 STA. 725+35A - STA. 726+00A (TAPERS OUT TO 12' WIDTH)



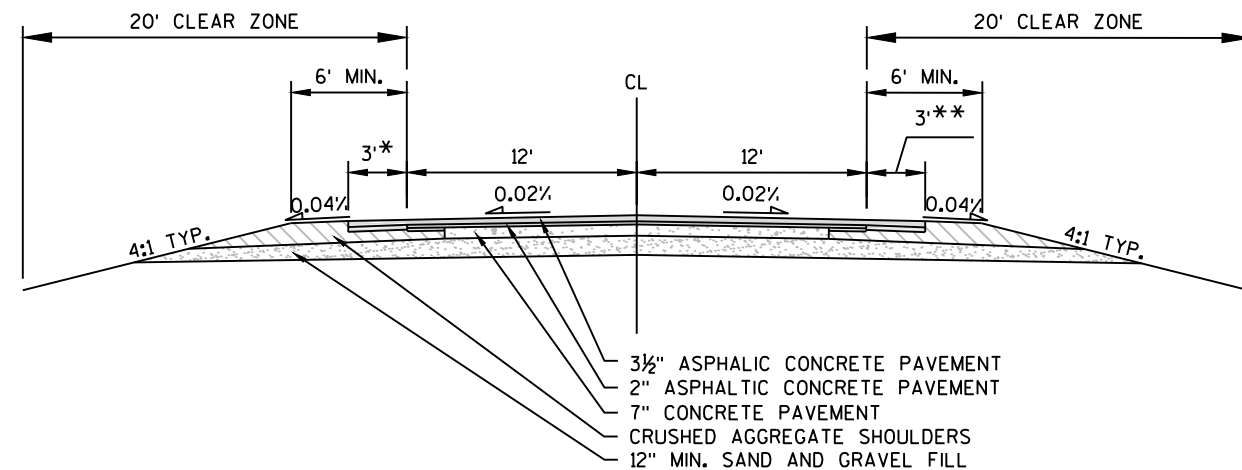
EXISTING TYPICAL SECTION STH 13 (BUTTERNUT)

STA 204+60A TO STA 215+00A



EXISTING TYPICAL SECTION STH 13 (GLIDDEN)

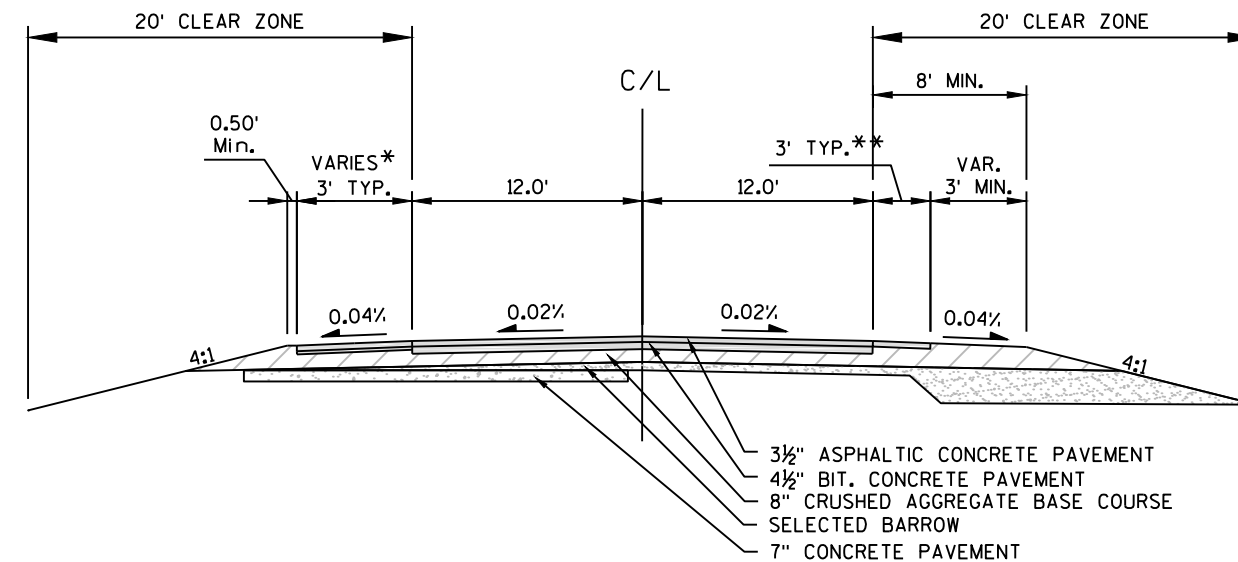
STA 726+00A TO 734+60A



#### EXISTING TYPICAL SECTION STH 13

STA. 121+50B TO STA. 379+55B  
STA. 381+40B TO STA. 390+00B

- NOTE: \*12' TURN LANE (LT)  
STA. 151+10B - STA. 152+60B (TAPER)  
STA. 152+60B - STA. 154+68B (TURN LANE)  
STA. 154+68B - STA. 156+20B (TAPER)
- \*12' TURN LANE (RT)  
STA. 356+90B - 359+33B (TURN LANE)  
STA. 359+33B - 360+23B (TAPER)
- \*\*12' BYPASS LANE (RT)  
STA. 149+22B - 151+38B (TAPER)  
STA. 151+38B - 154+55B (BYPASS LANE)  
STA. 154+55B - 157+00B (TAPER)
- \*\*PAVED RIGHT SHOULDER IS FULL WIDTH  
STA. 245+ 50B - STA. 248+75B (8'-19' WIDE AT GUARDRAIL)
- \*\*12' BYPASS LANE (RT)  
STA. 248+75B - STA. 252+30B (BYPASS LANE)  
STA. 252+30B - STA. 255+00B (TAPER)
- \*\*6' PAVED SHOULDER (RT)  
STA. 281+00B - STA. 303+00B

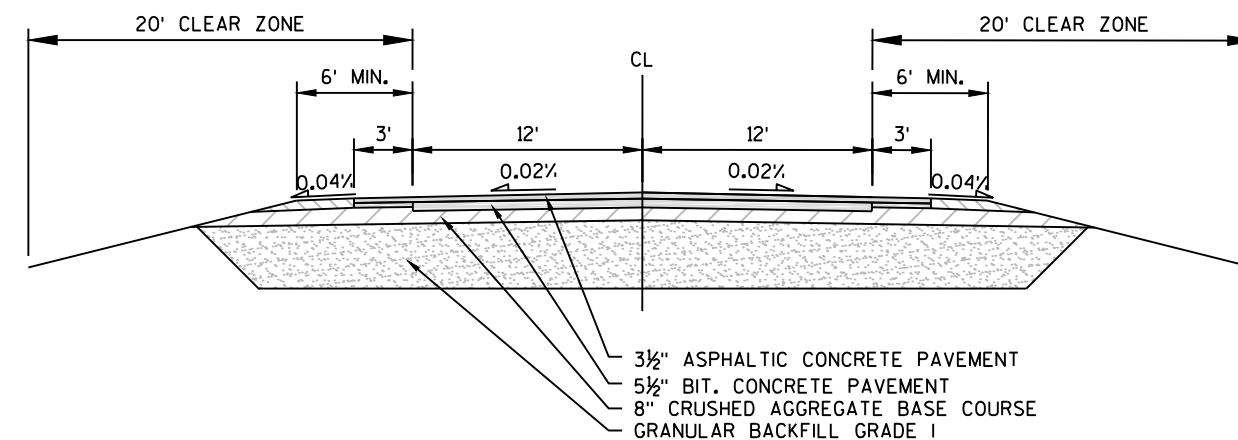


#### EXISTING TYPICAL SECTION STH 13

STA. 734+60A - STA. 736+11.58A BK.  
STA. 108+98.36B AHD. - STA. 121+50B

- NOTE: \*6' PAVED SHOULDER (LT)  
STA. 734+60A - STA. 736+11.58A BK.  
STA. 108+98.36B AHD. - STA. 115+50B
- \*3' PAVED SHOULDER (LT)  
STA. 115+50B - STA. 121+50B

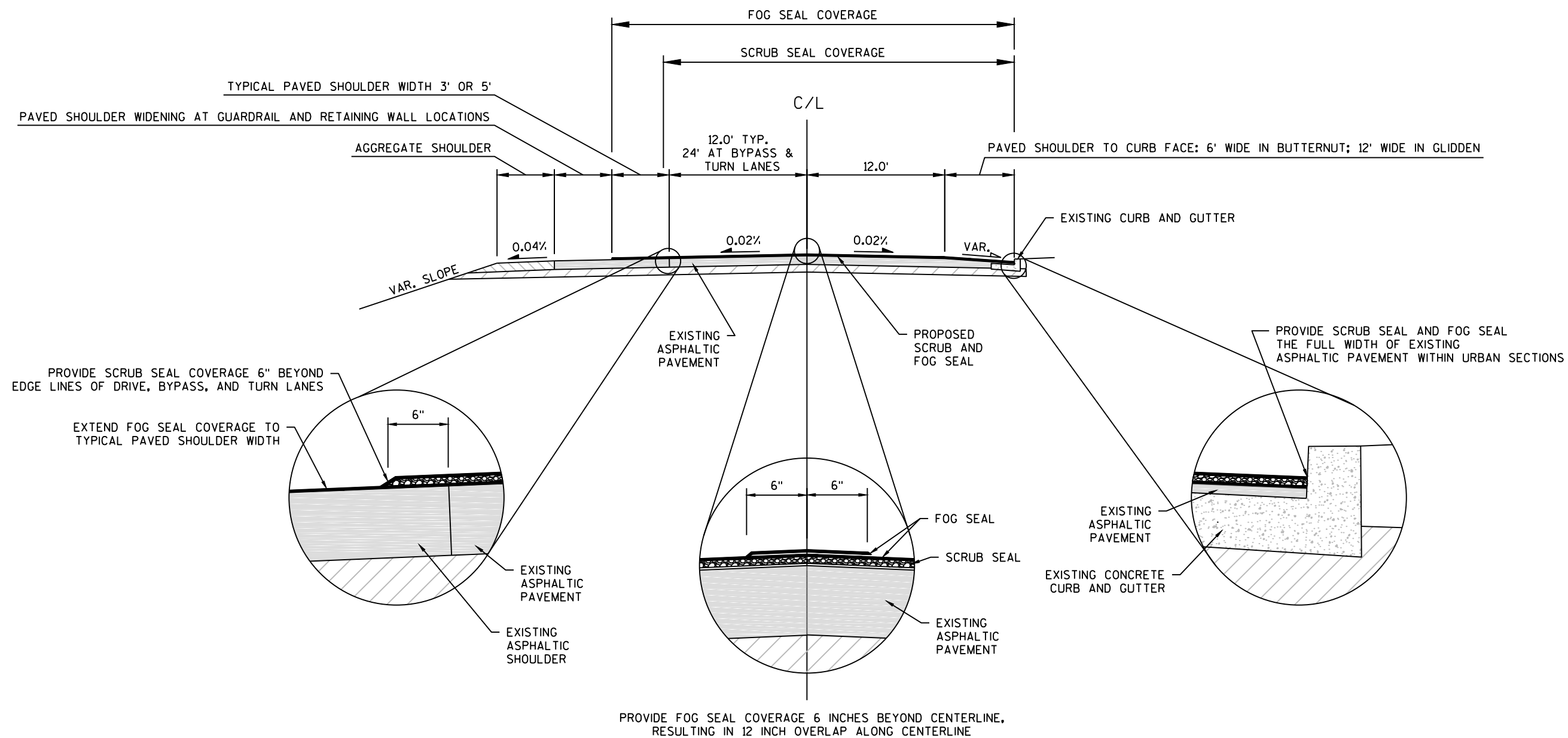
\*\*PAVED RIGHT SHOULDER TAPERS FROM 12' TO 3' WIDTH  
STA. 734+60A - STA. 736+11.58A BK.  
STA. 108+98.36B AHD. - STA. 110+00B



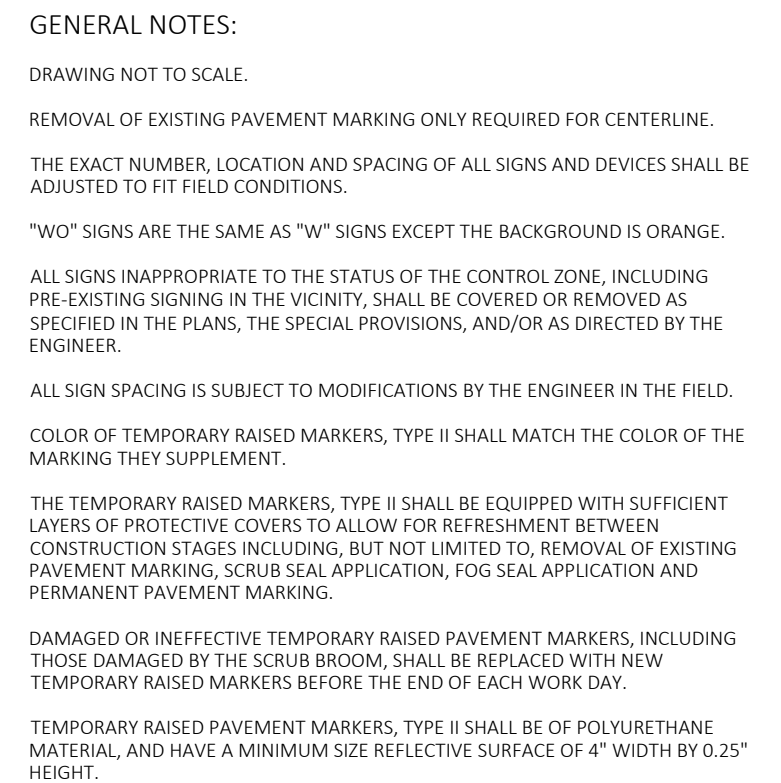
#### EXISTING TYPICAL SECTION STH 13 (FROST HEAVE CORRECTION)

STA 379+55B TO STA 381+40B









FOR ADDITIONAL TRAFFIC CONTROL REQUIRED, SEE STANDARD DETAIL DRAWINGS:

- TRAFFIC CONTROL, ADVANCED WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC\*;
- TRAFFIC CONTROL, ADVANCED WARNING SIGNS 40 M.P.H. OR LESS, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC;
- TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION;
- MOVING PAVEMENT MARKING OPERATION - TWO-LANE TWO-WAY ROADWAY;

\*INSTALL TRAFFIC CONTROL PER SDD "TRAFFIC CONTROL, ADVANCED WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC" AT BEGIN AND END CONSTRUCTION LOCATIONS ON STH 13, AND ON STH 77 PRECEDING THE INTERSECTION WITH STH 13 NEAR STA. 250+00B.

\*\*11 45 MPH" SIGNS (WO13-1) ONLY REQUIRED WHERE THE POSTED SPEED IS GREATER THAN 45 MPH

Estimate Of Quantities

1610-00-63					
Line	Item	Item Description	Unit	Total	Qty
0002	213.0100	Finishing Roadway (project) 01. 1610-00-63	EACH	1.000	1.000
0004	618.0100	Maintenance And Repair of Haul Roads (project) 01. 1610-00-63	EACH	1.000	1.000
0006	619.1000	Mobilization	EACH	1.000	1.000
0008	628.7015	Inlet Protection Type C	EACH	11.000	11.000
0010	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	94.000	94.000
0012	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	56.000	56.000
0014	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	24.000	24.000
0016	637.2210	Signs Type II Reflective H	SF	754.390	754.390
0018	637.2230	Signs Type II Reflective F	SF	330.430	330.430
0020	638.2602	Removing Signs Type II	EACH	181.000	181.000
0022	638.3000	Removing Small Sign Supports	EACH	164.000	164.000
0024	642.5001	Field Office Type B	EACH	1.000	1.000
0026	643.0900	Traffic Control Signs	DAY	4,547.000	4,547.000
0028	643.5000	Traffic Control	EACH	1.000	1.000
0030	646.1005	Marking Line Paint 4-Inch	LF	275,221.000	275,221.000
0032	646.3005	Marking Line Paint 8-Inch	LF	295.000	295.000
0034	646.9000	Marking Removal Line 4-Inch	LF	90,743.000	90,743.000
0036	646.9300	Marking Removal Special Marking	EACH	1.000	1.000
0038	649.0770	Temporary Marking Raised Pavement Marker Type II	EACH	1,063.000	1,063.000
0040	650.8000	Construction Staking Resurfacing Reference	LF	91,502.000	91,502.000
0042	650.9910	Construction Staking Supplemental Control (project) 01. 1610-00-63	LS	1.000	1.000
0044	SPV.0180	Special 01. Scrub Seal	SY	260,286.000	260,286.000
0046	SPV.0180	Special 02. Fog Seal	SY	347,309.000	347,309.000

INLET PROTECTION TYPE C

STATION	LOCATION	628. 7015 EACH	REMARKS
204+63A	LT	1	BUTTERNUT
214+88A	RT	1	BUTTERNUT
728+75A	LT	1	GLI DDEN
728+80A	RT	1	GLI DDEN
729+10A	LT	1	GLI DDEN
730+47A	LT	1	GLI DDEN
731+30A	LT	1	GLI DDEN
734+35A	LT	1	GLI DDEN
734+42A	RT	1	GLI DDEN
734+57A	RT	1	GLI DDEN
110+94B	LT	1	GLI DDEN
TOTAL 0010		11	

SIGNING SUMMARY

NO.	STATION	LOCATION	SIGN CODE	SIGN SIZE			SIGN MOUNTED ON SAME POST AS	POSTS WOOD	POSTS WOOD	POSTS WOOD	SIGNS TYPE	SIGNS TYPE	REMOVING	REMOVING	DESCRIPTION
				W	X	H		4X6-1NCH X 14-FT	4X6-1NCH X 16-FT	4X6-1NCH X 18-FT	REFLECTIVE H	REFLECTIVE F	SIGNS TYPE II	SMALL SIGN SUPPORTS	
				IN	IN	IN		634.0614 EACH	634.0616 EACH	634.0618 EACH	637.2210 SF	637.2230 SF	638.2602 EACH	638.3000 EACH	
1	See Note	RT	I2-2	66	X	15		2			6.88		1	2	Note: Replace existing "ASHLAND CO" sign at current location, approximately 80 feet south of Begin Project station 100+00A.
2	105+65A	RT	W11-6	30	X	30		1				6.25	1		SNOWMOBILE CROSSING
3	113+50A	RT	D7-54	48	X	36		1			12.00		1	1	BOAT LAND 1/2 MILE
4	115+50A	RT	W14-3	48	X	36				1		5.56	1	1	NO PASSING ZONE
5	119+85A	LT	W11-6	30	X	30		1				6.25	1		SNOWMOBILE CROSSING
6	125+75A	LT	R1-1	36	X	36		1			7.46		1	1	STOP
7	137+90A	LT	R1-1	36	X	36		1			7.46		1	1	STOP
8	187+05A	RT	W3-5	36	X	36		1				9.00	1	1	SPEED REDUCTION AHEAD (ARROW) 30
9	192+85A	RT	R7-1L	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (LEFT ARROW)
10	196+45A	LT	J4-1	24	X	36					6.00		1		SOUTH STH 13
11	197+75A	RT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
12	197+80A	LT	R7-1R	18	X	24		1			5.00		1	1	NO PARKING ANY TIME (RIGHT ARROW)
13	198+00A	RT	D1-1	84	X	15		2			8.75		1	2	BUTTERNUT, POPULATION 375
14	199+55A	LT	W14-3	48	X	36		1				5.56	1	1	NO PASSING ZONE
15	199+55A	RT	D1-1	84	X	15		2			8.75		1	2	LAKEVIEW DR (LEFT ARROW)
16	200+90A	LT	R1-1	30	X	30		1			5.18		1	1	STOP
17	201+85A	LT	R1-1	30	X	30		1			5.18		1	1	STOP
18	202+20A	RT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
19	203+45A	RT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
20	202+90A	LT	D1-1	84	X	15			2		8.75		1	2	LAKEVIEW DR (RIGHT ARROW)
21	203+45A	LT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
22	203+95A	LT	R1-1	30	X	30		1			5.18		1	1	STOP
23	205+30A	RT	R2-1	24	X	30		1			5.00		1	1	SPEED LIMIT 30
24	206+30A	RT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
25	206+20A	LT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
26	207+85A	LT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
27	209+35A	LT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
R-1	209+65A	RT	W11-2										1	1	PEDESTRIAN CROSSING (REMOVE)
28	211+35A	LT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
29	211+50A	RT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
30	213+15A	LT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
31	213+65A	LT	J4-1	24	X	36		1			6.00		1	1	SOUTH STH 13
32	214+15A	LT	R1-1	30	X	30		1			5.18		1	1	STOP
33	215+05A	RT	R1-1	36	X	36		1			7.46		1	1	STOP
34	215+60A	LT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
35	216+00A	RT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
36	216+50A	LT	R2-1	24	X	30		1			5.00		1	1	SPEED LIMIT 30
37	216+95A	LT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
38	218+15A	RT	J4-1	24	X	36		1			6.00		1	1	NORTH STH 13
39	219+05A	LT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
40	219+85A	RT	R1-1	30	X	30			1		5.18		1	1	STOP
R-2	220+20A	LT	W11-2										1	1	PEDESTRIAN CROSSING (REMOVE)
41	221+30A	LT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
R-3	221+95A	RT	J4-1										1	1	NORTH STH 13 (REMOVE)
42	222+75A	LT	R7-1D	18	X	24		1			3.00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
SUBTOTAL								41	3	1	180.41	32.62	45	46	

SIGNING SUMMARY, CONTINUED													
NO.	STATION	LOCATION	SIGN	SIGN SIZE	SIGN	POSTS WOOD	POSTS WOOD	POSTS WOOD	SIGNS TYPE	SIGNS TYPE	REMOVI NG	REMOVI NG	DESCRI PTI ON
						4X6-1NCH X 14-FT 634. 0614	4X6-1NCH X 16-FT 634. 0616	4X6-1NCH X 18-FT 634. 0618	II REFLECTI VE H 637. 2210	II REFLECTI VE F 637. 2230	SIGNS TYPE II 638. 2602	SMALL SIGN SUPPORTS 638. 3000	
						EACH	EACH	EACH	EACH	EACH	EACH	EACH	
43	226+85A	LT	R7-1D	18 X 24		1			3. 00		1	1	NO PARKI NG ANY TIME (DOUBLE ARROW)
44	227+20A	RT	R7-1D	24 X 30		1			5. 00		1	1	NO PARKI NG ANY TIME (DOUBLE ARROW)
45	227+95A	LT	R2-1	18 X 24		1			3. 00		1	1	SPEED LI MIT 30
46	228+85A	LT	R7-1D	18 X 24		1			3. 00		1	1	NO PARKI NG ANY TIME (DOUBLE ARROW)
47	229+50A	RT	R7-1D	18 X 24		1			3. 00		1	1	NO PARKI NG ANY TIME (DOUBLE ARROW)
48	231+30A	RT	R1-1	30 X 30		1			5. 18		1	1	STOP
49	231+85A	RT	R7-1D	18 X 24		1			3. 00		1	1	NO PARKI NG ANY TIME (DOUBLE ARROW)
50	232+25A	RT	W14-3	48 X 36		1				5. 56	1	1	NO PASSI NG ZONE
51	233+80A	LT	R2-1	24 X 30		1			5. 00		1	1	SPEED LI MIT 30
52	237+30A	RT	J4-1	24 X 36		1			6. 00		1		NORTH STH 13
R-4	237+30A	RT	D2-1								1	1	GLI DDEN 10 (REMOVE)
53	239+05A	RT	D2-1	72 X 15		2			7. 50				ASHLAND 50
54	241+45A	RT	R7-1D	24 X 30		1			5. 00		1	1	NO PARKI NG ANY TIME (DOUBLE ARROW)
55	244+95A	LT	W3-5	36 X 36				1		9. 00	1	1	SPEED REDUCTI ON AHEAD (ARROW) 30
56	245+70A	RT	W2-1	30 X 30				1		6. 25	1	1	CROSSROADS
57	246+55A	RT	R7-1D	18 X 24		1			3. 00		1	1	NO PARKI NG ANY TIME (DOUBLE ARROW)
58	246+60A	LT	R7-1D	18 X 24		1			3. 00		1	1	NO PARKI NG ANY TIME (DOUBLE ARROW)
59	252+10A	LT	R7-1D	18 X 24		1			3. 00		1	1	NO PARKI NG ANY TIME (DOUBLE ARROW)
60	256+85A	LT	R7-1L	18 X 24				1	3. 00		1	1	NO PARKI NG ANY TIME (LEFT ARROW)
61	256+90A	RT	R7-1R	18 X 24		1			3. 00		1	1	NO PARKI NG ANY TIME (RI GHT ARROW)
R-5	257+30A	LT	M1-6								1		STH 13 (REMOVE)
62	257+65A	RT	R1-1	30 X 30		1			5. 18		1	1	STOP
63	257+75A	RT	J13-1	24 X 45		1			7. 50				STH 13 (DOUBLE ARROW)
64	259+35A	LT	S3-1	36 X 36			1			9. 00	1	1	SCHOOL BUS STOP AHEAD
65	268+35A	RT	W14-3	48 X 36				1		5. 56	1	1	NO PASSI NG ZONE
66	280+50A	LT	W14-3	48 X 36				1		5. 56	1	1	NO PASSI NG ZONE
67	292+70A	RT	S3-1	36 X 36			1			9. 00	1	1	SCHOOL BUS STOP AHEAD
68	310+30A	LT	S3-1	36 X 36			1			9. 00	1	1	SCHOOL BUS STOP AHEAD
69	313+50A	RT	R1-1	30 X 30		1			5. 18		1	1	STOP
70	345+20A	RT	W14-3	48 X 36			1			5. 56	1	1	NO PASSI NG ZONE
71	377+20A	LT	W14-3	48 X 36				1		5. 56	1	1	NO PASSI NG ZONE
72	382+95A	RT	R1-1	30 X 30		1			5. 18		1	1	STOP
73	396+65A	RT	W14-3	48 X 36				1		5. 56	1	1	NO PASSI NG ZONE
74	399+35A	LT	W14-3	48 X 36				1		5. 56	1	1	NO PASSI NG ZONE
75	418+55A	RT	W14-3	48 X 36				1		5. 56	1	1	NO PASSI NG ZONE
76	419+65A	LT	W14-3	48 X 36			1			5. 56	1	1	NO PASSI NG ZONE
77	436+65A	RT	W14-3	48 X 36				1		5. 56	1	1	NO PASSI NG ZONE
78	457+35A	LT	W14-3	48 X 36			1			5. 56	1	1	NO PASSI NG ZONE
79	509+15A	LT	R1-1	30 X 30		1			5. 18		1	1	STOP
R-6	511+30A	RT	J4-1								1	1	NORTH STH 13 (REMOVE)
80	535+20A	RT	W14-3	48 X 36				1		5. 56	1	1	NO PASSI NG ZONE
81	537+50A	LT	W14-3	48 X 36			1			5. 56	1	1	NO PASSI NG ZONE
82	555+95A	RT	W14-3	48 X 36				1		5. 56	1	1	NO PASSI NG ZONE
83	583+20A	LT	W14-3	48 X 36			1			5. 56	1	1	NO PASSI NG ZONE
84	598+75A	RT	W14-3	48 X 36				1		5. 56	1	1	NO PASSI NG ZONE
SUBTOTAL						22	8	13	91. 90	131. 21	43	41	



SIGNING SUMMARY, CONTINUED													
NO.	STATION	LOCATION	SIGN	SIGN SIZE	SIGN	POSTS WOOD 4X6-INCH X 14-FT 634. 0614 EACH	POSTS WOOD 4X6-INCH X 16-FT 634. 0616 EACH	POSTS WOOD 4X6-INCH X 18-FT 634. 0618 EACH	SIGNS TYPE II REFLECTIVE H 637. 2210 EACH	SIGNS TYPE II REFLECTIVE F 637. 2230 EACH	REMOVING SIGNS TYPE II 638. 2602 EACH	REMOVING SMALL SIGN SUPPORTS 638. 3000 EACH	DESCRIPTION
85	613+00A	LT	R2-1	24 X 30			1		5. 00				SPEED LIMIT 55
R-7	616+15A	LT	J4-1								1	1	SOUTH STH 13 (REMOVE)
86	619+00A	RT	W1-2L	30 X 30			1			6. 25	1	1	LEFT CURVE
87	622+60A	LT	W14-3	48 X 36			1			5. 56	1	1	NO PASSING ZONE
88	626+00A	RT	J4-1	24 X 36			1		6. 00				NORTH STH 13
89	628+00A	RT	R2-1	24 X 30			1		5. 00				SPEED LIMIT 55
90	641+60A	RT	D1-1	90 X 15		2			9. 38		1	2	HAUSCHILD RD (RIGHT ARROW)
91	651+90A	LT	R1-1	30 X 30				1	5. 18		1	1	STOP
92	654+50A	RT	W14-3	48 X 36				1		5. 56	1	1	NO PASSING ZONE
93	655+85A	LT	W1-2R	30 X 30			1			6. 25	1	1	RIGHT CURVE
94	658+40A	LT	D1-1	90 X 15			2		9. 38		1	2	HAUSCHILD RD (LEFT ARROW)
95	667+00A	RT	I 55-56	30 X 36			1		7. 50		1	1	ADOPT-A-HIGHWAY SPONSER, GLIDDEN LIONS CLUB
96	669+65A	RT	W14-3	48 X 36				1		5. 56	1	1	NO PASSING ZONE
97	687+95A	RT	W14-3	48 X 36				1		5. 56	1	1	NO PASSING ZONE
98	711+15A	LT	W14-3	48 X 36				1		5. 56	1	1	NO PASSING ZONE
99	714+45A	RT	I 2-3	54 X 24		1			9. 00		1	1	GLIDDEN, UNINCORPORATED
100	714+60A	LT	D2-2	78 X 24			2		13. 00				BUTTERNUT 10, PARK FALLS 16
R-8	716+70A	LT	D2-1								1	1	BUTTERNUT 10 (REMOVE)
101	717+15A	LT	J4-1	24 X 36			1		6. 00		1	1	SOUTH STH 13
102	719+50A	LT	R1-1	30 X 30			1		5. 18		1	1	STOP
103	719+75A	RT	W3-5	36 X 36				1		9. 00	1	1	SPEED REDUCTION AHEAD (ARROW) 30
104	724+75A	LT	R1-1	30 X 30		1			5. 18		1	1	STOP
105	724+50A	RT	R2-1	24 X 30			1		1. 00		1	1	SPEED LIMIT 30
106	725+60A	RT	R1-1	30 X 30		1			5. 18		1	1	STOP
107	726+65A	LT	R1-1	30 X 30		1			5. 18		1	1	STOP
108	727+45A	LT	R2-1	24 X 30	109		1		5. 00		1	1	SPEED LIMIT 30
109	727+45A	LT	S5-2	24 X 30	108				5. 00		1		END SCHOOL ZONE
110	728+00A	RT	S1-1	36 X 36	111-112		1			6. 75	1	1	SCHOOL ZONE
111	728+00A	RT	S16-9P	30 X 18	110, 112					3. 75	1		AHEAD
112	728+00A	RT	R2-6P	24 X 18	110-111				3. 00		1		FINES HIGHER
113	728+45A	LT	R7-1L	18 X 24		1			3. 00		1	1	NO PARKING ANY TIME (LEFT ARROW)
114	730+35A	LT	R1-1	30 X 30		1			5. 18		1	1	STOP
115	730+55A	RT	S1-1	36 X 36	116		1			6. 75	1	1	SCHOOL ZONE
116	730+55A	RT	S16-7L	30 X 18	115					3. 75	1		DOWN ARROW (LEFT)
117	731+50A	LT	SPECIAL	36 X 36	118-119		1		9. 00		1	1	MARION PARK (LEFT ARROW)
118	731+50A	LT	J13-1	24 X 45	117, 119				7. 50		1		COUNTY N (RIGHT ARROW)
119	731+50A	LT	SPECIAL	36 X 36	117-118				9. 00		1		MARION PARK (RIGHT ARROW)
120	731+65A	LT	S1-1	36 X 36	121	1				6. 75	1	1	SCHOOL ZONE
121	731+65A	LT	S16-7L	30 X 18	120					3. 75	1		DOWN ARROW (LEFT)
122	731+75A	RT	R7-1D	18 X 24		1			3. 00		1	1	NO PARKING ANY TIME (DOUBLE ARROW)
123	732+65A	RT	R7-35D	18 X 24		1			3. 00		1	1	NO PARKING ON THIS SIDE (DOUBLE ARROW)
124	733+10A	LT	S4-51	24 X 48		1			6. 63	1. 38	1	1	SCHOOL SPEED LIMIT 15
125	733+30A	RT	R1-1	30 X 30		1			5. 18		1	1	STOP
126	734+15A	LT	R1-1	30 X 30		1			5. 18		1	1	STOP
127	734+70A	RT	R2-1	24 X 30	128		1		5. 00		1	1	SPEED LIMIT 30
SUBTOTAL						14	19	6	171. 82	82. 18	41	36	

SIGNING SUMMARY, CONTINUED													
NO.	STATION	LOCATION	SIGN	SIGN SIZE	SIGN	POSTS WOOD	POSTS WOOD	POSTS WOOD	SIGNS TYPE	SIGNS TYPE	REMOVING	REMOVING	DESCRIPTION
						4X6-INCH X	4X6-INCH X	4X6-INCH X	II	II	SIGNS	SMALL SIGN	
						14-FT	16-FT	18-FT	REFLECTIVE	REFLECTIVE	TYPE II	SUPPORTS	
						634.0614	634.0616	634.0618	637.2210	637.2230	638.2602	638.3000	
						EACH	EACH	EACH	EACH	EACH	EACH	EACH	
128	734+70A	RT	S5-2	24 X 30	127				5.00		1		END SCHOOL ZONE
129	734+90A	LT	S1-1	36 X 36	130-131		1			6.75	1	1	SCHOOL ZONE
130	734+90A	LT	S16-9P	30 X 18	129, 131					3.75	1		AHEAD
131	734+90A	LT	R2-6P	24 X 18	129-130				3.00		1		FINES HIGHER
132	109+60B	LT	R2-1	24 X 30		1			5.00		1	1	SPEED LIMIT 30
133	114+60B	LT	R2-1	24 X 30		1			5.00		1	1	SPEED LIMIT 30
134	114+70B	RT	R2-1	24 X 30		1			5.00		1	1	SPEED LIMIT 45
135	116+20B	LT	R1-1	30 X 30		1			5.18		1	1	STOP
136	119+90B	RT	J4-1	24 X 36		1			6.00		1	1	NORTH STH 13
137	121+50B	LT	W3-5	36 X 36			1			9.00	1	1	SPEED REDUCTION AHEAD (ARROW) 30
138	125+10B	LT	R2-1	24 X 30		1			5.00		1	1	SPEED LIMIT 45
139	127+00B	RT	SPECIAL	60 X 36			1		15.00		1		NAT'L FOREST DIST OFFICE 1/2 MILE
R-9	127+00B	RT	SPECIAL								1	1	INFORMATION (REMOVE)
140	130+45B	LT	I2-3-U	54 X 24		1			9.00		1	1	GLIDDEN, UNINCORPORATED
141	133+95B	LT	R2-1	24 X 30			1		5.00		1	1	SPEED LIMIT 45
142	139+50B	LT	W3-5	36 X 36			1			9.00	1	1	SPEED REDUCTION AHEAD (ARROW) 45
143	152+40B	RT	W14-3	48 X 36			1			5.56	1	1	NO PASSING ZONE
144	166+90B	LT	W14-3	48 X 36			1			5.56	1	1	NO PASSING ZONE
145	179+80B	LT	I55-56	30 X 36		1			7.50		1	1	ADOPT-A-HIGHWAY SPONSER, GLIDDEN LIONS CLUB
146	179+95B	RT	I55-56	30 X 36			1		7.50		1	1	ADOPT-A-HIGHWAY SPONSER, ASHLAND COUNTY JAIL INMATE WORK PROGRAM
147	183+15B	LT	SPECIAL	60 X 36			2		15.00		1		NAT'L FOREST DIST OFFICE 1/2 MILE
R-10	183+15B	LT	SPECIAL								1	1	INFORMATION (REMOVE)
148	193+30B	RT	W14-3	48 X 36			1			5.56	1	1	NO PASSING ZONE
149	218+50B	LT	W14-3	48 X 36		1				5.56	1	1	NO PASSING ZONE
150	233+00B	LT	R2-1	24 X 30			1		5.00				SPEED LIMIT 55
151	235+35B	LT	R1-1	30 X 30		1			5.18		1	1	STOP
152	236+80B	RT	R1-1	30 X 30		1			5.18		1	1	STOP
153	237+35B	RT	W8-5	30 X 30	154	1				6.25	1	1	SLIPPERY ROAD
154	237+35B	RT	W13-1	18 X 18	153					2.25	1		ADVISORY SPEED 45 MPH
155	238+05B	RT	J1-1	24 X 39		1			6.50		1	1	JCT STH 77
156	241+25B	RT	J2-3	72 X 57				2	28.50				W STH 77 (L TURN), N STH 13 (TR TURN), EAST STH 77 (TR TURN)
157	243+60B	LT	D2-1	78 X 15			2		8.13		1	1	PARK FALLS 19
158	243+75B	RT	D1-3	72 X 36			2		18.00		1	2	MELLEN (UP ARROW), CLAM LAKE, HAYWARD (LEFT ARROW)
159	245+55B	LT	J4-1	24 X 36			1		6.00		1	1	SOUTH STH 13
160	246+60B	RT	R9-55	18 X 24					3.00		1		NO FISHING FROM BRIDGE
161	247+40B	LT	R9-55	18 X 24					3.00		1		NO FISHING FROM BRIDGE
162	249+15B	RT	J3-3	72 X 57				2	28.50		1	2	W STH 77 (L ARROW), N STH 13 (TR ARROW), EAST STH 77 (TR ARROW)
163	255+45B	LT	R1-1	36 X 36		1			7.46		1	1	STOP
164	258+05B	RT	J4-2	48 X 36			1		12.00		1	1	NORTH STH 13, EAST STH 77
165	258+35B	LT	J2-2	48 X 57			1		19.00		1	1	S STH 13 (TL ARROW), W STH 77 (TR ARROW)
166	263+75B	RT	R2-1	24 X 30			1		5.00				SPEED LIMIT 55
167	266+10B	LT	W1-2L	30 X 30	168		1			6.25	1	1	LEFT CURVE
168	266+10B	LT	W13-1	18 X 18	167					2.25	1		ADVISORY SPEED 45 MPH
169	268+25B	LT	J2-2	48 X 57			1		19.00		1	1	SOUTH STH 13 (L BENT ARROW), WEST STH 77 (R BENT ARROW)
170	285+50B	RT	W14-3	48 X 36		1				5.56	1	1	NO PASSING ZONE
SUBTOTAL						15	22	4	277.63	73.30	42	35	

SIGNING SUMMARY, CONTINUED

NO.	STATION	LOCATION	SIGN	SIGN SIZE	SIGN	POSTS WOOD	POSTS WOOD	POSTS WOOD	SIGNS TYPE	SIGNS TYPE	REMOVI NG	REMOVI NG	DESCRI PTI ON
						4X6-1 NCH X 14-FT 634. 0614	4X6-1 NCH X 16-FT 634. 0616	4X6-1 NCH X 18-FT 634. 0618	II REFLECTI VE H 637. 2210	II REFLECTI VE F 637. 2230	SIGNS TYPE II 638. 2602	SMALL SIGN SUPPORTS 638. 3000	
						EACH	EACH	EACH	EACH	EACH	EACH	EACH	
171	294+80B	RT	R1-1	30 X 30		1			5. 18		1	1	STOP
172	314+30B	LT	I 55-56	30 X 36			1		7. 50		1	1	ADOPT-A-HIGHWAY SPONSER, ASHLAND COUNTY JAIL INMATE WORK PROGRAM
173	316+30B	RT	R1-1	30 X 30		1			5. 18		1	1	STOP
174	327+80B	LT	W14-3	48 X 36			1			5. 56	1	1	NO PASSING ZONE
175	327+95B	RT	R55-58A	44 X 8					2. 40		1		CLOSED
176	337+40B	RT	W14-3	48 X 36			1			5. 56	1	1	NO PASSING ZONE
177	351+20B	RT	R55-58A	44 X 8					2. 40		1		CLOSED
178	354+35B	LT	R1-1	30 X 30			1		5. 18		1	1	STOP
179	357+60B	LT	R55-58A	44 X 8					2. 40		1		CLOSED
180	382+25B	LT	R55-58A	44 X 8					2. 40		1		CLOSED
SUBTOTAL						2	4	0	32. 64	11. 12	10	6	
TOTAL 0010						94	56	24	754. 39	330. 43	181	164	

TRAFFIC CONTROL SIGNS

LOCATION	SIGNS	DAYS	643. 0900 DAY	REMARKS
BEGIN PROJECT	5	39	195	SDD 15C4
STH 77 INTERSECTION	8	39	312	SDD 15C4
END PROJECT	5	39	195	SDD 15C4
SIDEROAD APPROACH	55	39	2145	SDD 15C4, SDD 15C5
WORK AREAS WITH LOOSE GRAVEL OR NO CENTERLINE	68	25	1700	TC CONSTRUCTION DETAIL
TOTAL 0010			4547	

PAVEMENT MARKING SUMMARY

STATION	TO	STATION	LOCATION	MARKING	MARKING	MARKING	REMARKS
				LINE	LINE	REMOVAL	
				PAINT	PAINT	LINE	
				4-INCH	8-INCH	4-INCH	
				646. 1005	646. 3005	646. 9000	
				LF	LF	LF	
100+00A	-	736+12A	EDGE LINE	127224			WHI TE
108+98B	-	390+00B	EDGE LINE	57254			WHI TE
100+00A	-	736+12A	CENTER LINE	61342			YELLOW
108+98B	-	390+00B	CENTER LINE	29400			YELLOW
100+00A	-	736+12A	CENTER LINE			61342	
108+98B	-	390+00B	CENTER LINE			29400	
153+44B	-	154+68B	TURN LANE		124		WHI TE
357+44B	-	359+15B	TURN LANE		171		WHI TE
TOTAL 0010				275221	295	90743	

MARKING REMOVAL SPECIAL MARKING

646. 9300		REMARKS
STATION	EACH	
112+60A	1	REMOVE PROTECTIVE THERMOPLASTIC COATING AT SNOWMOBILE CROSSING
TOTAL 0010	<u>1</u>	

TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE II

STATION	TO	STATION	LOCATION	649. 0770	SPACING (FT)	
				EACH		
100+00A	-	111+29A	CURVE	22	50	
111+29A	-	252+76A	TANGENT	141	100	
252+76A	-	256+28A	CURVE	7	50	
256+28A	-	282+32A	TANGENT	26	100	
282+32A	-	322+41A	CURVE	80	50	
322+41A	-	500+60A	TANGENT	178	100	
500+60A	-	519+79A	CURVE	38	50	
519+79A	-	626+82A	TANGENT	107	100	
626+82A	-	647+27A	CURVE	40	50	
647+27A	-	718+38A	TANGENT	71	100	
718+38A	-	726+59A	CURVE	16	50	
726+59A	-	732+67A	TANGENT	6	100	
732+67A	-	736+12A	CURVE	6	50	
108+98B	-	114+00B	TANGENT	5	100	
114+00B	-	120+00B	CURVE	12	50	
120+00B	-	130+32B	TANGENT	10	100	
130+32B	-	145+73B	CURVE	30	50	
145+73B	-	244+34B	TANGENT	98	100	
244+34B	-	259+49B	CURVE	30	50	
259+49B	-	339+34B	TANGENT	79	100	
339+34B	-	340+80B	CURVE	2	50	
340+80B	-	390+00B	TANGENT	50	100	
151+75B	-	154+00B	BYPASS LANE TANGENT	3	100	
249+00B	-	252+00B	BYPASS LANE CURVE	6	50	
TOTAL 0010				1063		

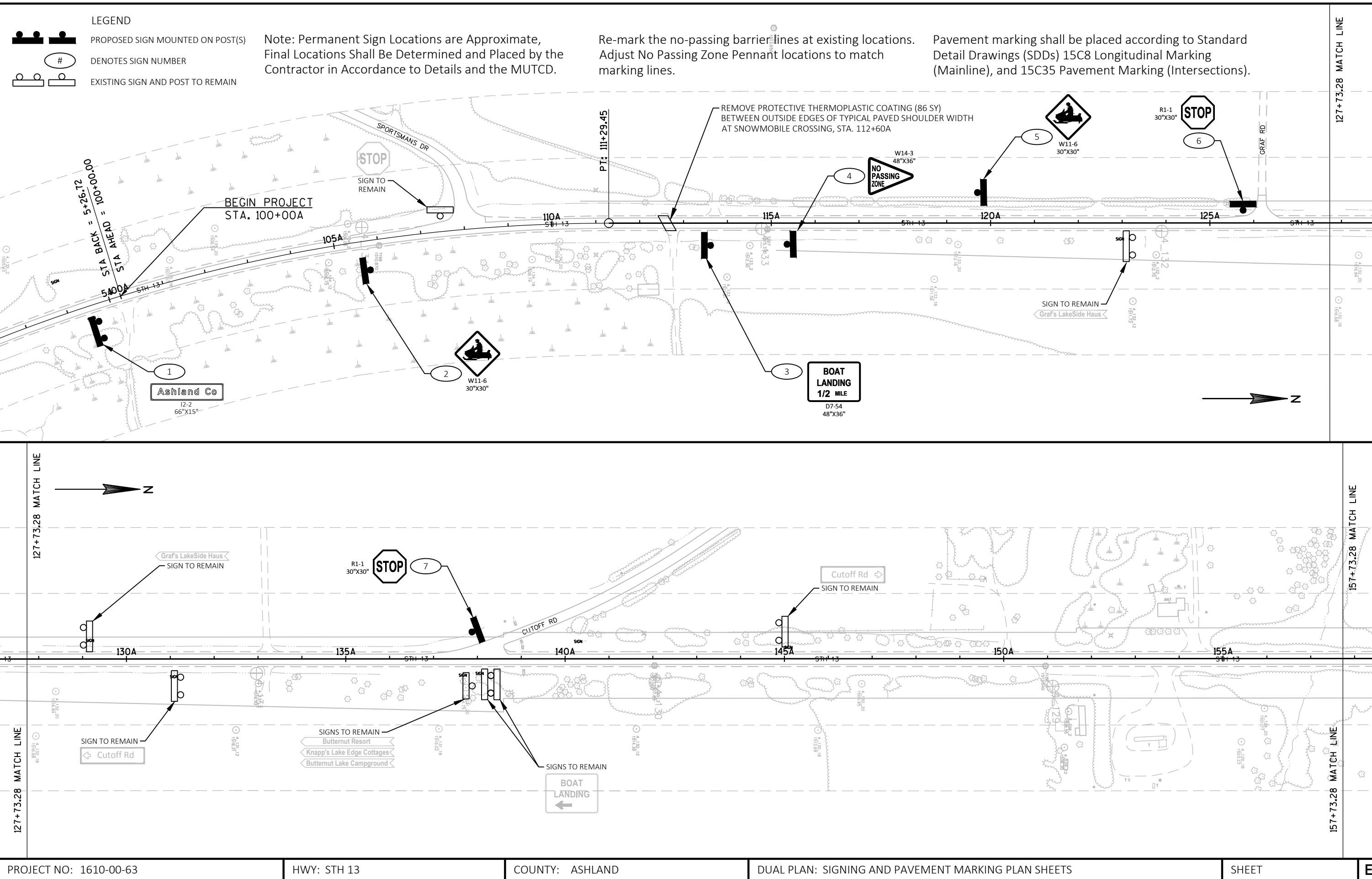
SPECIAL. 01 SCRUB SEAL

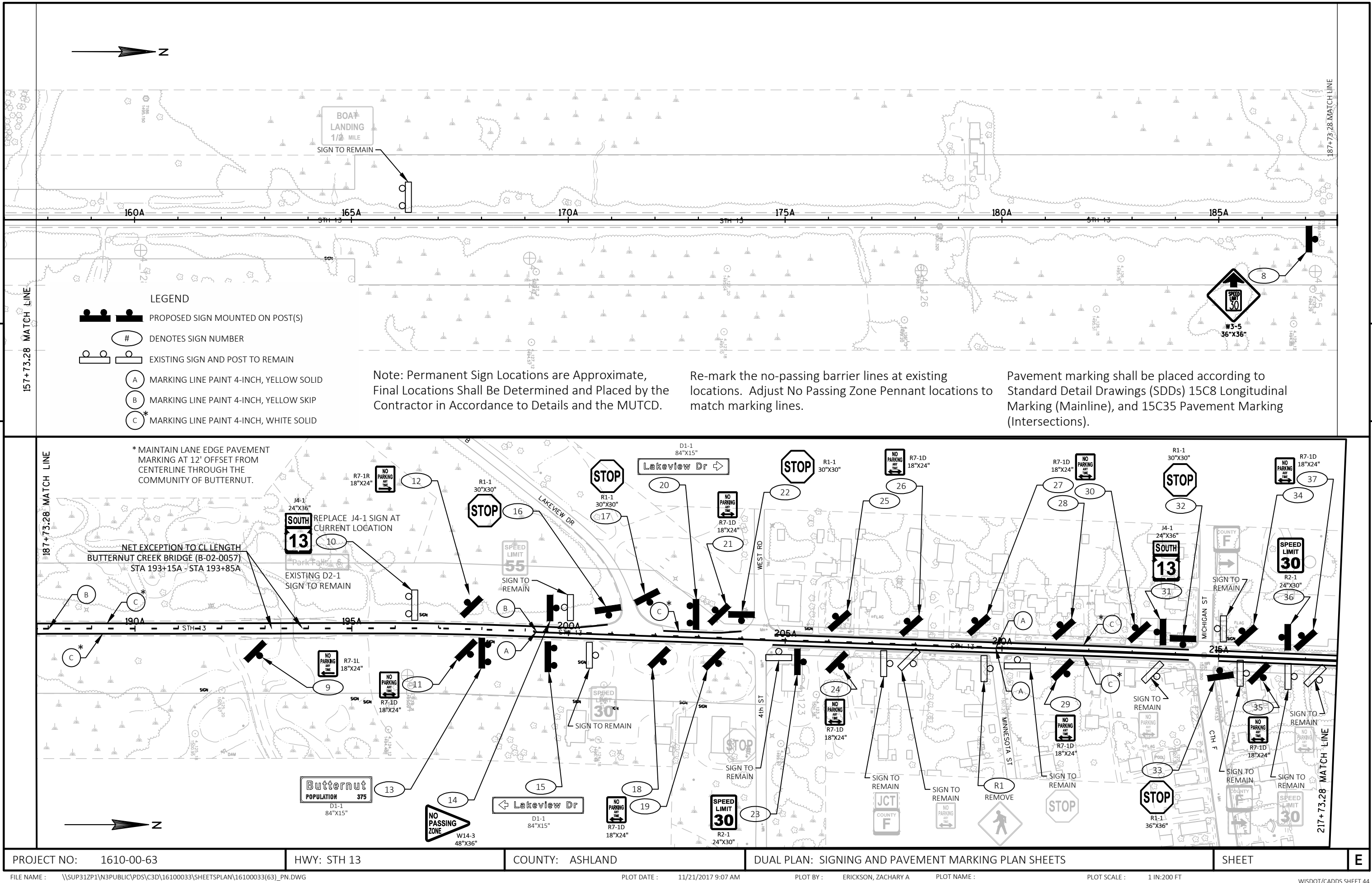
STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	AREA (SF)	SPV. 0180. 01	REMARKS
						SY	
100+00A	-	117+11A	1711	25.0	42775	4753	MAI NLI NE
117+11A	-	193+15A	7604	25.0	190100	21122	MAI NLI NE
193+15A	-	193+85A	--	--	--	--	B-02-0057 (EXCEPTI ON)
193+85A	-	204+60A	1075	25.0	26875	2986	MAI NLI NE
204+60A	-	215+00A	1040	36.0	37440	4160	BUTTERNUT
215+00A	-	698+44A	48344	25.0	1208600	134289	MAI NLI NE
698+44A	-	699+83A	--	--	--	--	B-02-0047 (EXCEPTI ON)
699+83A	-	725+00A	2517	25.0	62925	6992	MAI NLI NE
725+00A	-	726+00A	100	VARI ES	3645	405	RURAL-URBAN TRANSI TI ON
726+00A	-	735+00A	900	48.0	43200	4800	GLI DDEN
735+00A	-	736+12A	112	VARI ES	3880	431	URBAN-RURAL TRANSI TI ON
108+98B	-	110+00B	102	VARI ES	2920	324	URBAN-RURAL TRANSI TI ON
110+00B	-	121+50B	1150	25.0	28750	3194	MAI NLI NE
121+50B	-	379+55B	25805	25.0	645125	71681	MAI NLI NE
379+55B	-	381+40B	185	25.0	4625	514	MAI NLI NE
381+40B	-	390+00B	860	25.0	21500	2389	MAI NLI NE
151+10B	-	152+60B	150	VARI ES (0' -12' )	900	100	TURN LANE TAPER
152+60B	-	154+68B	208	12.0	2496	277	TURN LANE
154+68B	-	156+20B	152	VARI ES (0' -12' )	912	101	TURN LANE TAPER
356+90B	-	359+33B	243	12.0	2916	324	TURN LANE
359+33B	-	360+23B	90	VARI ES (0' -12' )	540	60	TURN LANE TAPER
149+22B	-	151+38B	216	VARI ES (0' -12' )	1296	144	BYPASS TAPER
151+38B	-	154+55B	317	12.0	3804	423	BYPASS
154+55B	-	157+00B	245	VARI ES (0' -12' )	1470	163	BYPASS TAPER
248+75B	-	252+30B	355	12.0	4260	473	BYPASS LANE
252+30B	-	255+00B	270	VARI ES (0' -12' )	1620	180	BYPASS TAPER
TOTAL 0010						260286	

SPECIAL 02 FOG SEAL

SPV. 0180. 02							
STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)*	AREA (SF)	SY	REMARKS
100+00A	-	117+11A	1711	35. 0	59885	6654	MAI NLI NE
117+11A	-	193+15A	7604	35. 0	266140	29571	MAI NLI NE
193+15A	-	193+85A	--	--	--	--	B-02-0057 (EXCEPTI ON)
193+85A	-	204+60A	1075	35. 0	37625	4181	MAI NLI NE
204+60A	-	215+00A	1040	37. 0	38480	4276	BUTTERNUT
215+00A	-	698+44A	48344	35. 0	1692040	188004	MAI NLI NE
698+44A	-	699+83A	--	--	--	--	B-02-0047 (EXCEPTI ON)
699+83A	-	725+00A	2517	35. 0	88095	9788	MAI NLI NE
725+00A	-	726+00A	100	Varies	3855	428	RURAL-URBAN TRANSI TI ON
726+00A	-	735+00A	900	49. 0	44100	4900	GLI DDEN
735+00A	-	736+12A	112	Varies	4093	455	URBAN-RURAL TRANSI TI ON
108+98B	-	110+00B	102	Vari es	3255	362	URBAN-RURAL TRANSI TI ON
110+00B	-	121+50B	1150	31. 0	35650	3961	MAI NLI NE
121+50B	-	379+55B	25805	31. 0	799955	88884	MAI NLI NE
379+55B	-	381+40B	185	31. 0	5735	637	MAI NLI NE
381+40B	-	390+00B	860	31. 0	26660	2962	MAI NLI NE
151+10B	-	152+60B	150	Varies (0' -12' )	900	100	TURN LANE TAPER
152+60B	-	154+68B	208	12. 0	2496	277	TURN LANE
154+68B	-	156+20B	152	Varies (0' -12' )	912	101	TURN LANE TAPER
356+90B	-	359+33B	243	12. 0	2916	324	TURN LANE
359+33B	-	360+23B	90	Varies (0' -12' )	540	60	TURN LANE TAPER
149+22B	-	151+38B	216	Varies (0' -12' )	1296	144	BYPASS TAPER
151+38B	-	154+55B	317	12. 0	3804	423	BYPASS
154+55B	-	157+00B	245	Varies (0' -12' )	1470	163	BYPASS TAPER
248+75B	-	252+30B	355	12. 0	4260	473	BYPASS LANE
252+30B	-	255+00B	270	Varies (0' -12' )	1620	180	BYPASS TAPER
TOTAL 0010						347309	




\* Width includes drive lanes, typical width shoulders, and 0.5' of overlap along center line for each of two passes.







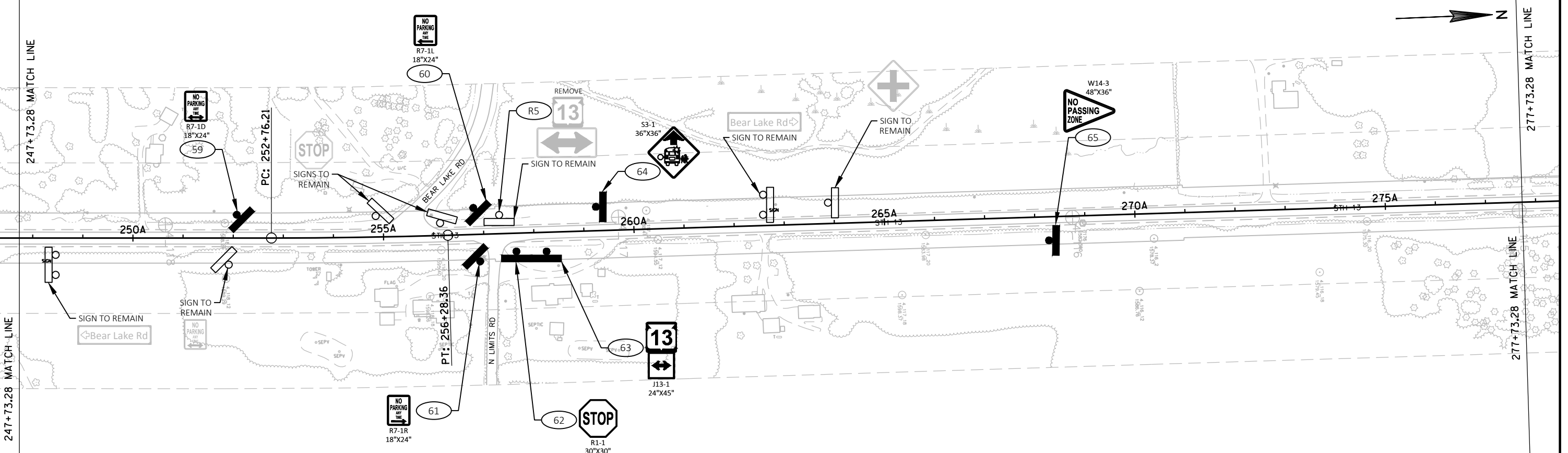
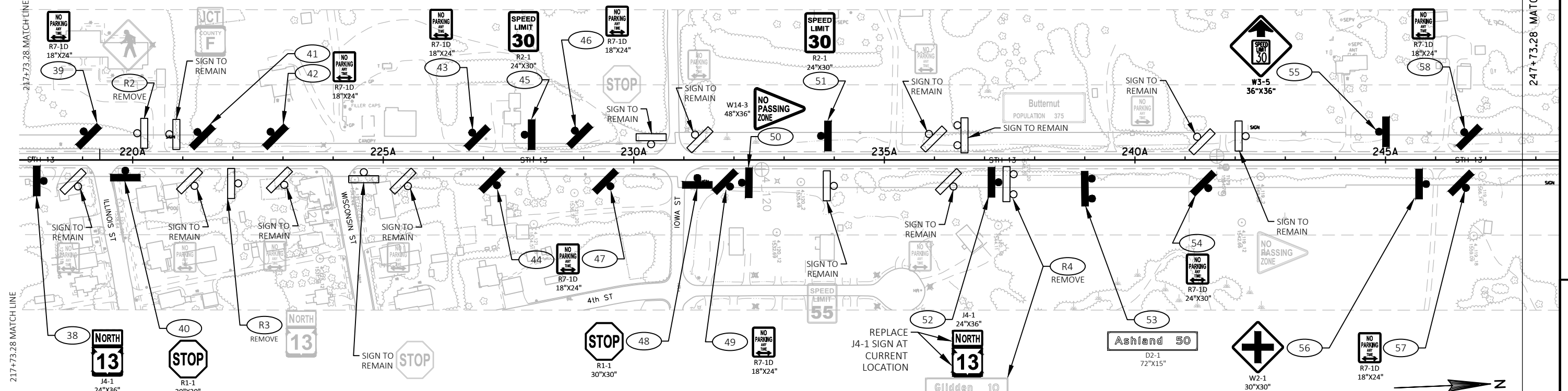
LEGEND

-  PROPOSED SIGN MOUNTED ON POST(S)
-  DENOTES SIGN NUMBER
-  EXISTING SIGN AND POST TO REMAIN

Note: Permanent Sign Locations are Approximate,  
Final Locations Shall Be Determined and Placed by the  
Contractor in Accordance to Details and the MUTCD.

Re-mark the no-passing barrier lines at existing locations.  
Adjust No Passing Zone Pennant locations to match  
marking lines.

Pavement marking shall be placed according to Standard  
Detail Drawings (SDDs) 15C8 Longitudinal Marking  
(Mainline), and 15C35 Pavement Marking (Intersections).



PROJECT NO: 1610-00-63	HWY: STH 13	COUNTY: ASHLAND	DUAL PLAN: SIGNING AND PAVEMENT MARKING PLAN SHEETS	SHEET	E
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Note: Permanent Sign Locations are Approximate,  
Final Locations Shall Be Determined and Placed by the  
Contractor in Accordance to Details and the MUTCD.

Re-mark the no-passing barrier lines at existing locations.  
Adjust No Passing Zone Pennant locations to match  
marking lines.

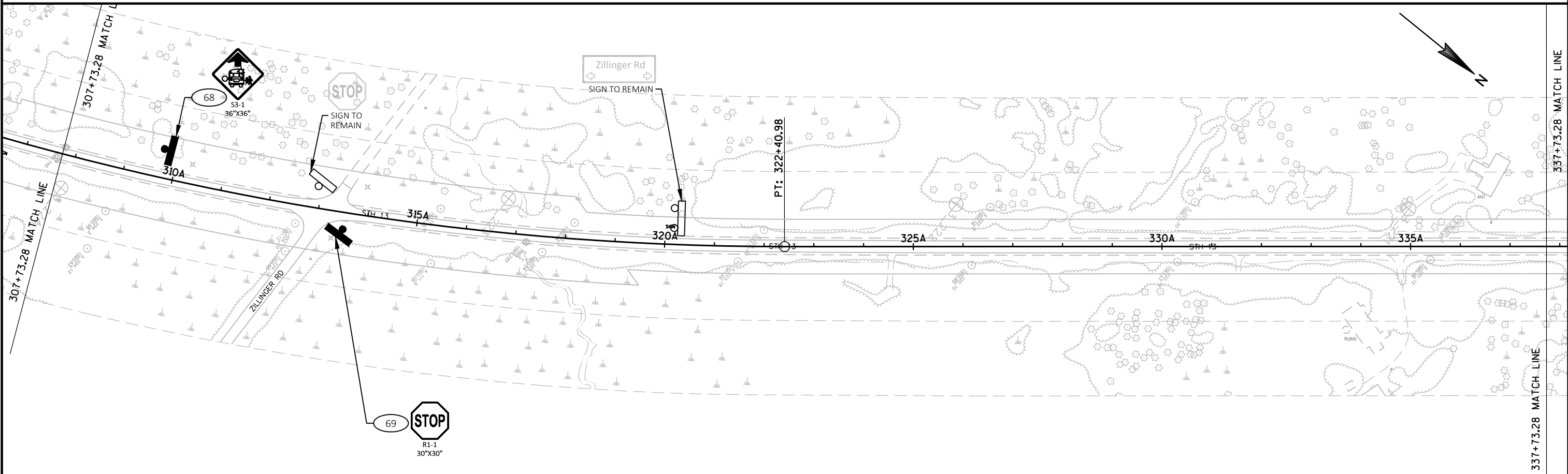
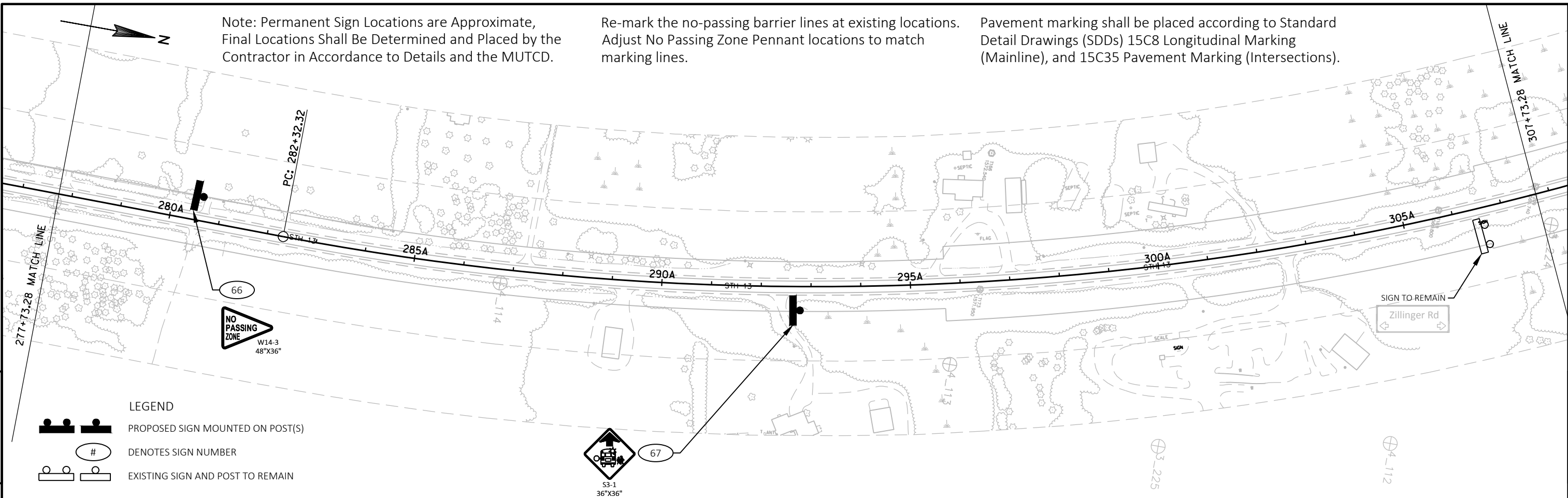
Pavement marking shall be placed according to Standard  
Detail Drawings (SDDs) 15C8 Longitudinal Marking  
(Mainline), and 15C35 Pavement Marking (Intersections).

5

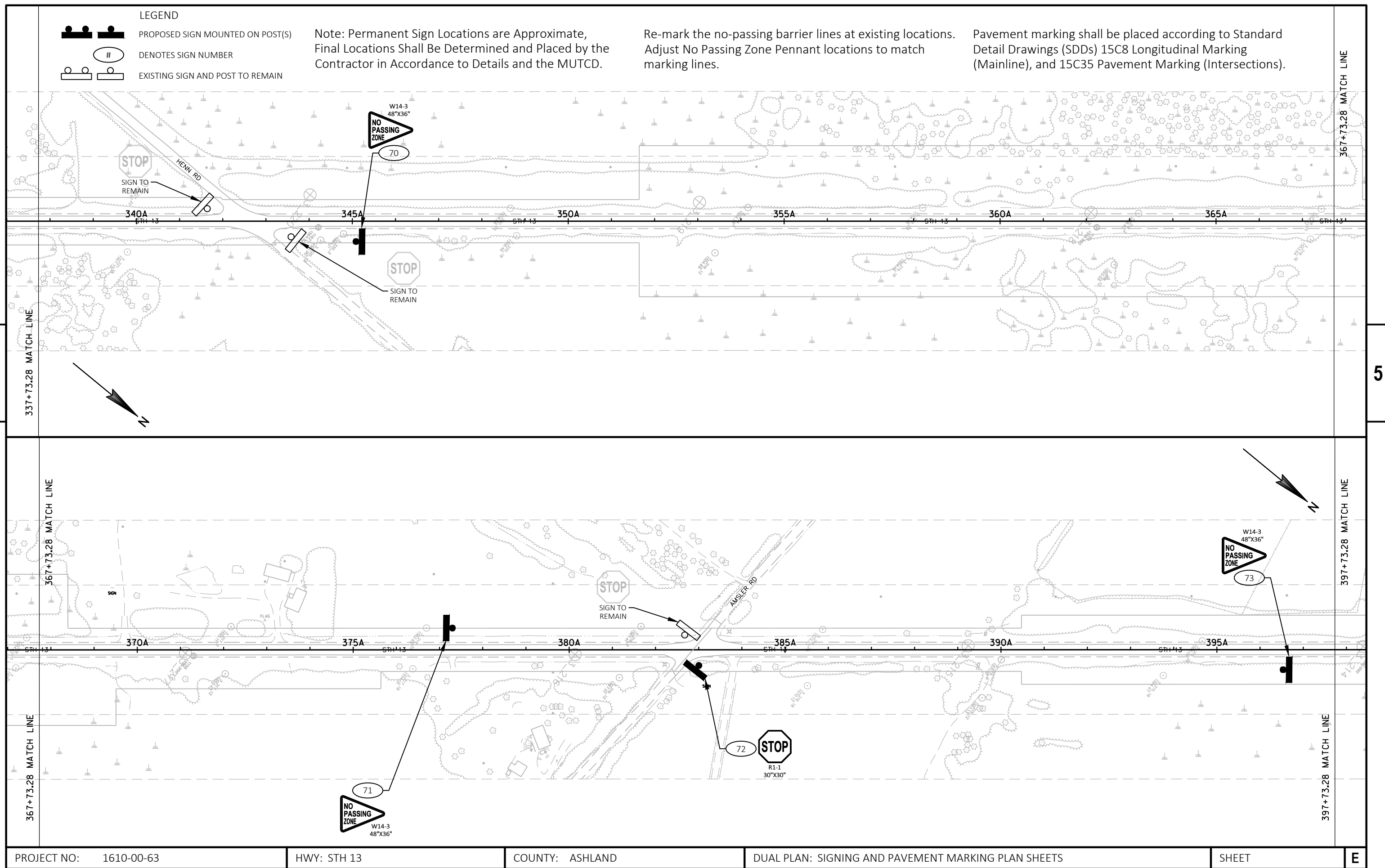
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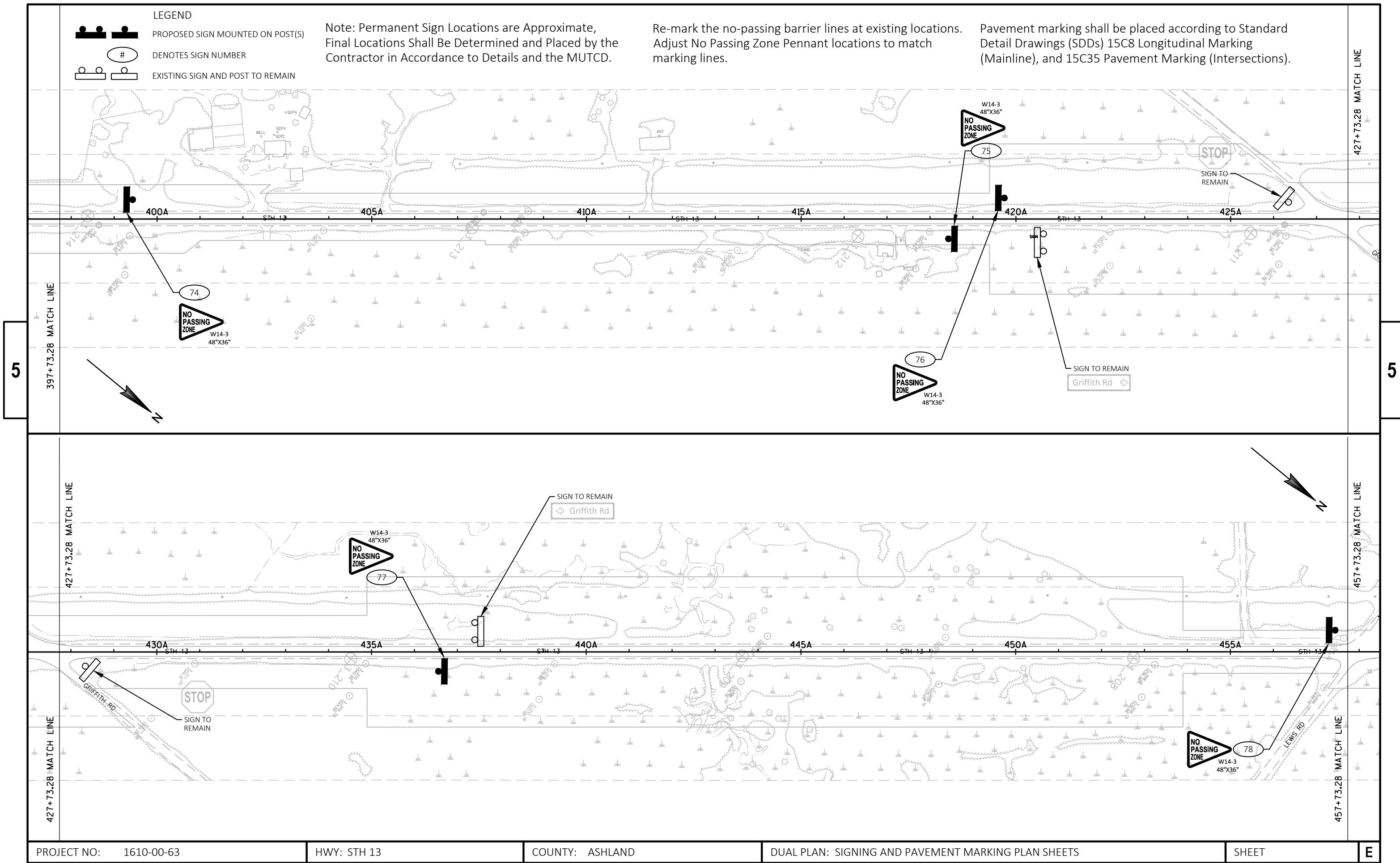
LEGEND

- PROPOSED SIGN MOUNTED ON POST(S)
- DENOTES SIGN NUMBER
- EXISTING SIGN AND POST TO REMAIN



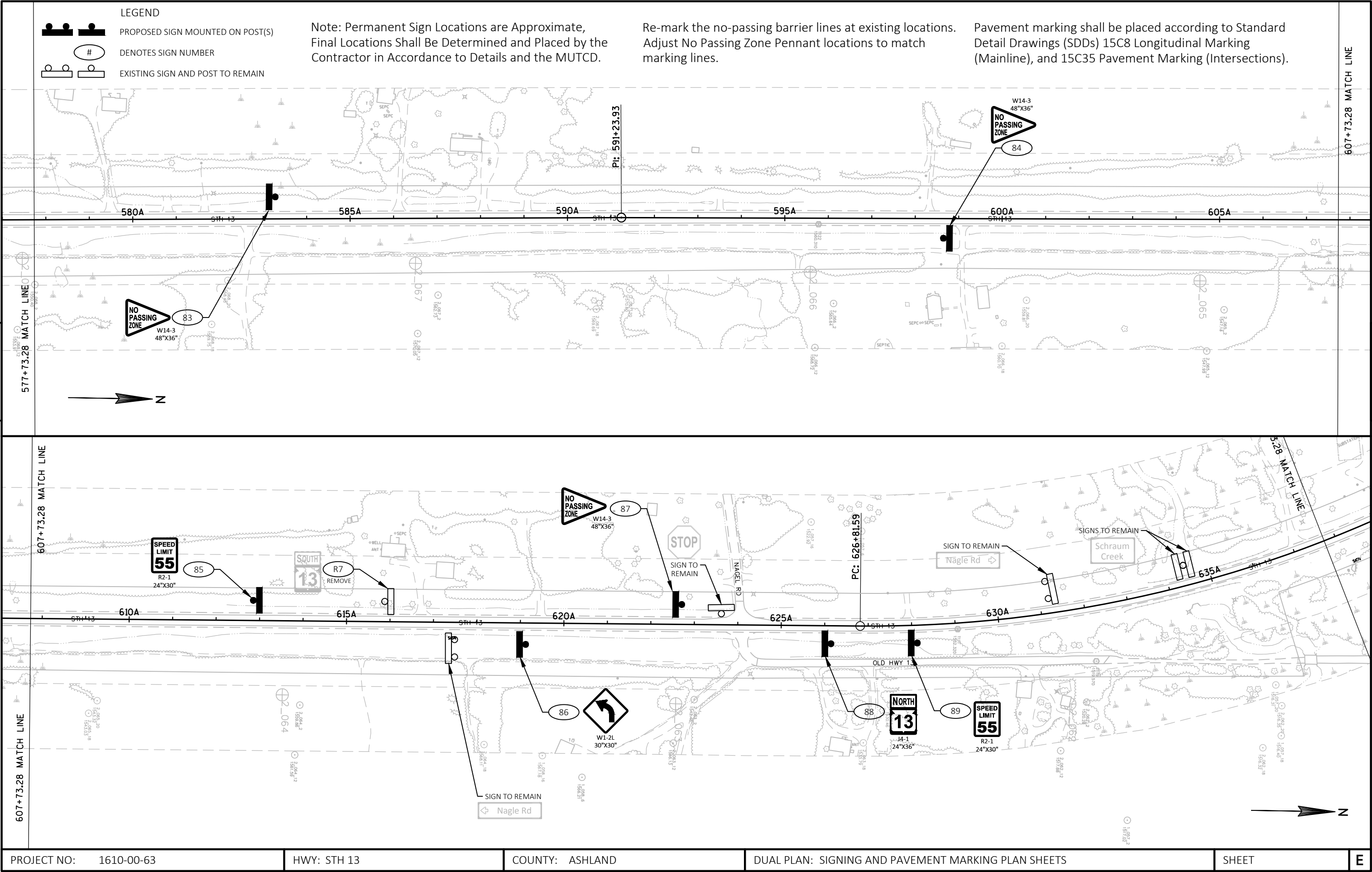
PROJECT NO: 1610-00-63	HWY: STH 13	COUNTY: ASHLAND	DUAL PLAN: SIGNING AND PAVEMENT MARKING PLAN SHEETS	SHEET	E
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PROJECT NO: 1610-00-63

HWY: STH 13

COUNTY: ASHLAND

DUAL PLAN: SIGNING AND PAVEMENT MARKING PLAN SHEETS

SHEET

E

FILE NAME : N:\PDS\C3D\16100033\SHEETSPLAN\16100033(63)\_PN.DWG  
LAYOUT NAME - PN-9

PLOT DATE : 7/19/2017 3:59 PM

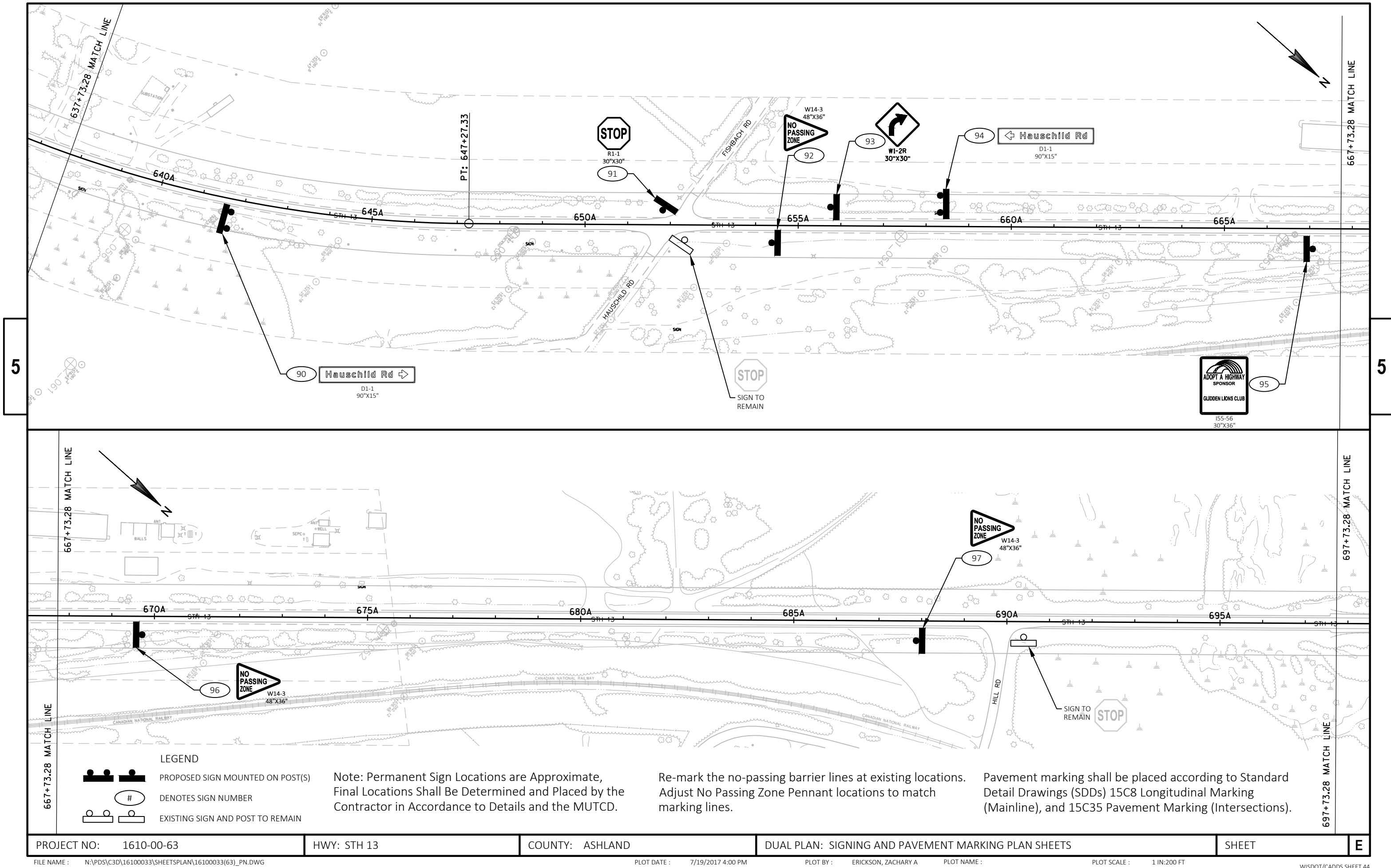
PLOT BY : ERICKSON, ZACHARY A

PLOT NAME :

PLOT SCALE : 1 IN:200 FT

WISDOT/CADDs SHEET 44





5

5

- LEGEND
- PROPOSED SIGN MOUNTED ON POST(S)
  - DENOTES SIGN NUMBER
  - EXISTING SIGN AND POST TO REMAIN

Note: Permanent Sign Locations are Approximate,  
Final Locations Shall Be Determined and Placed by the  
Contractor in Accordance to Details and the MUTCD.

Re-mark the no-passing barrier lines at existing locations.  
Adjust No Passing Zone Pennant locations to match  
marking lines.

Pavement marking shall be placed according to Standard  
Detail Drawings (SDDs) 15C8 Longitudinal Marking  
(Mainline), and 15C35 Pavement Marking (Intersections).

PROJECT NO: 1610-00-63

HWY: STH 13

COUNTY: ASHLAND

DUAL PLAN: SIGNING AND PAVEMENT MARKING PLAN SHEETS

SHEET

E

FILE NAME : N:\PDS\C3D\16100033\SHETSPLAN\16100033(63)\_PN.DWG  
LAYOUT NAME - PN-10

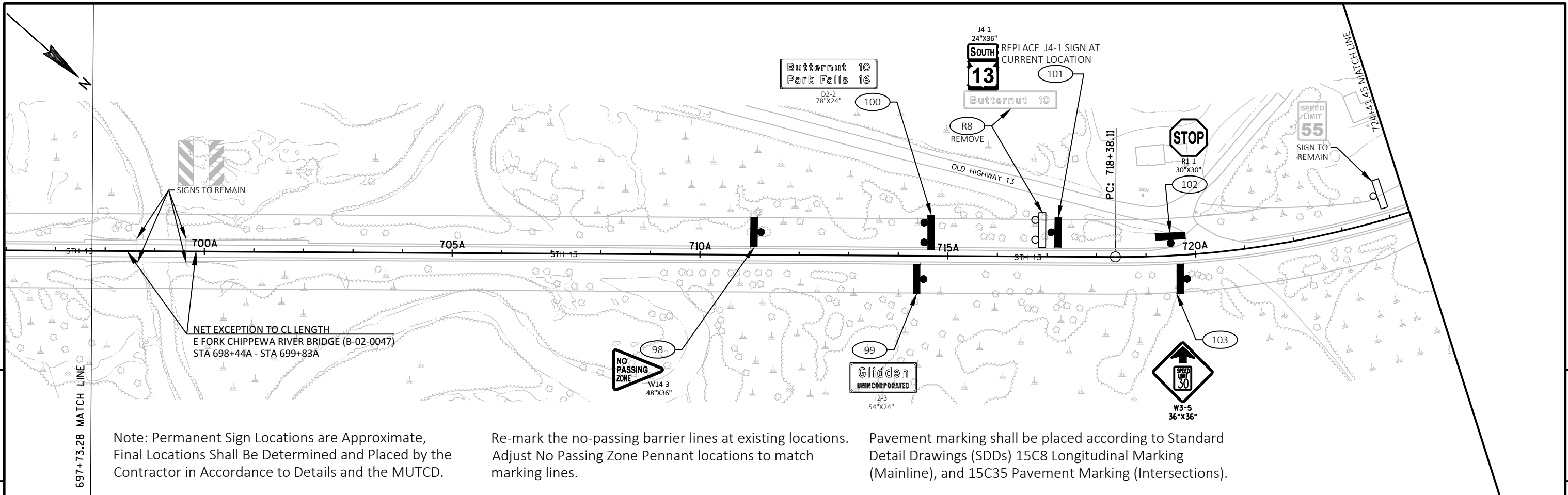
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PLOT BY : ERICKSON, ZACHARY A

PLOT NAME :

PLOT SCALE : 1 IN:200 FT

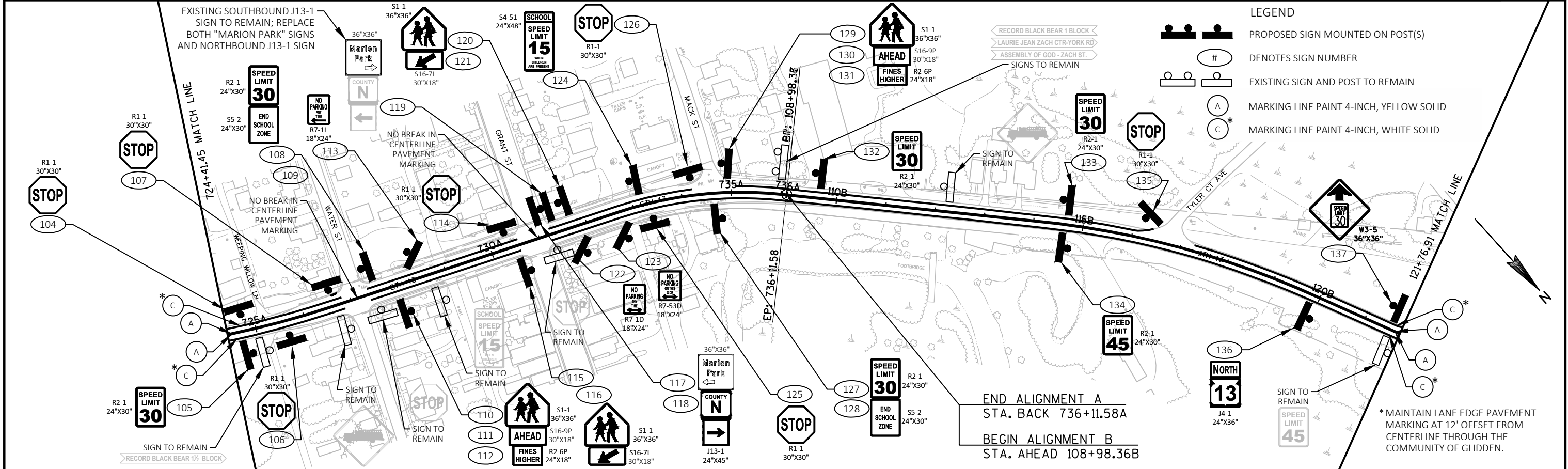
WISDOT/CADDs SHEET 44



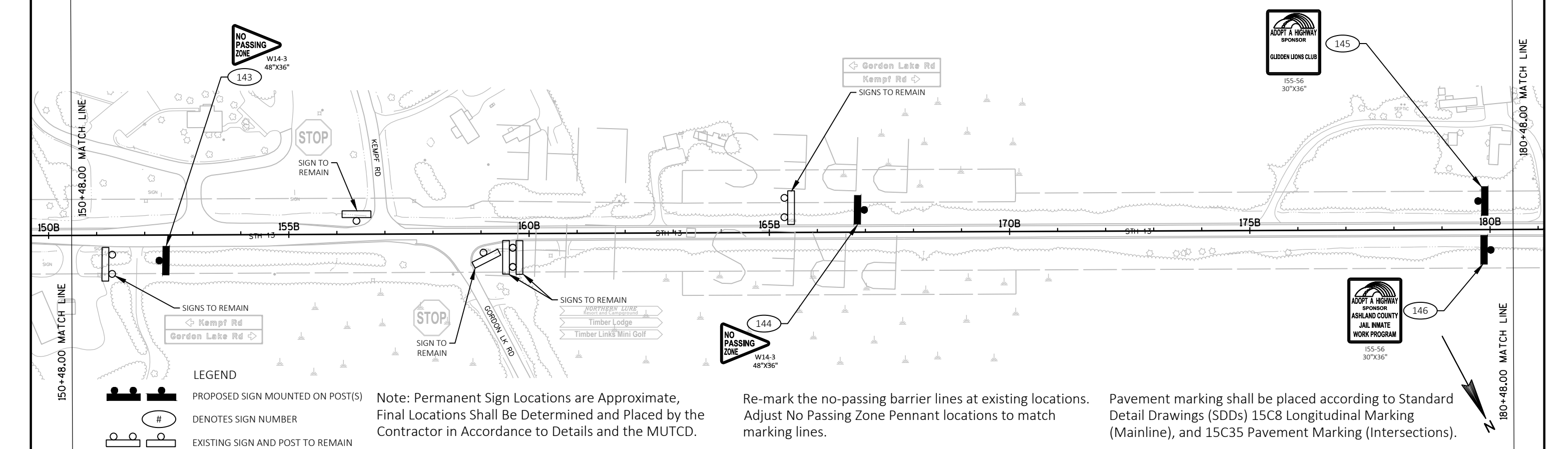
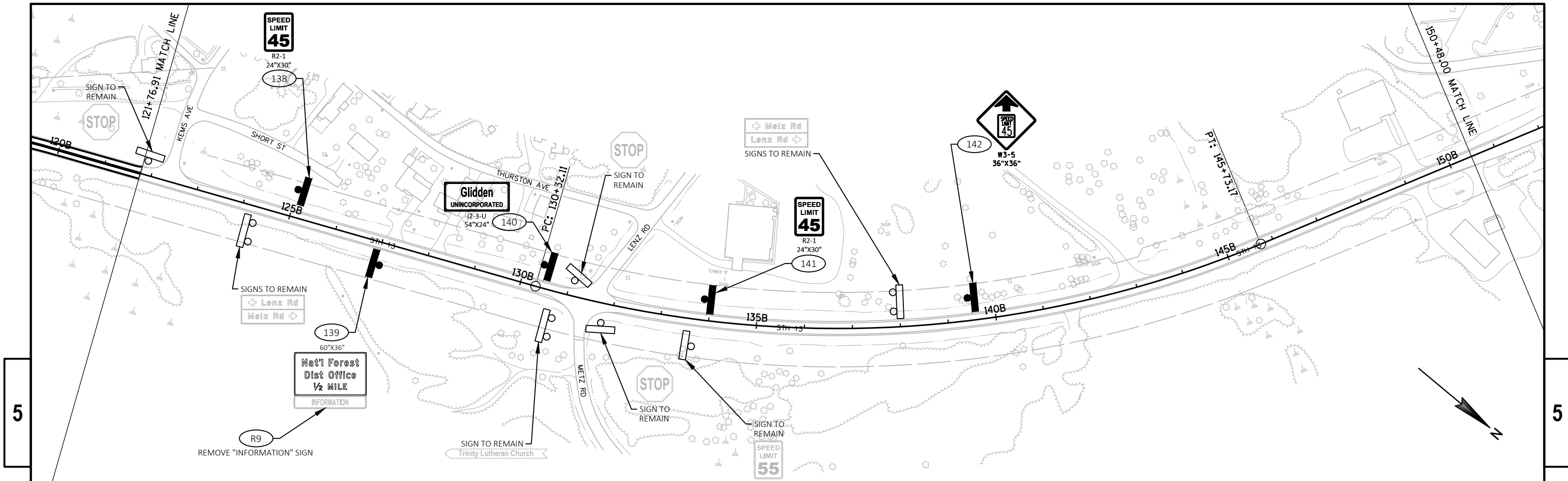
Note: Permanent Sign Locations are Approximate,  
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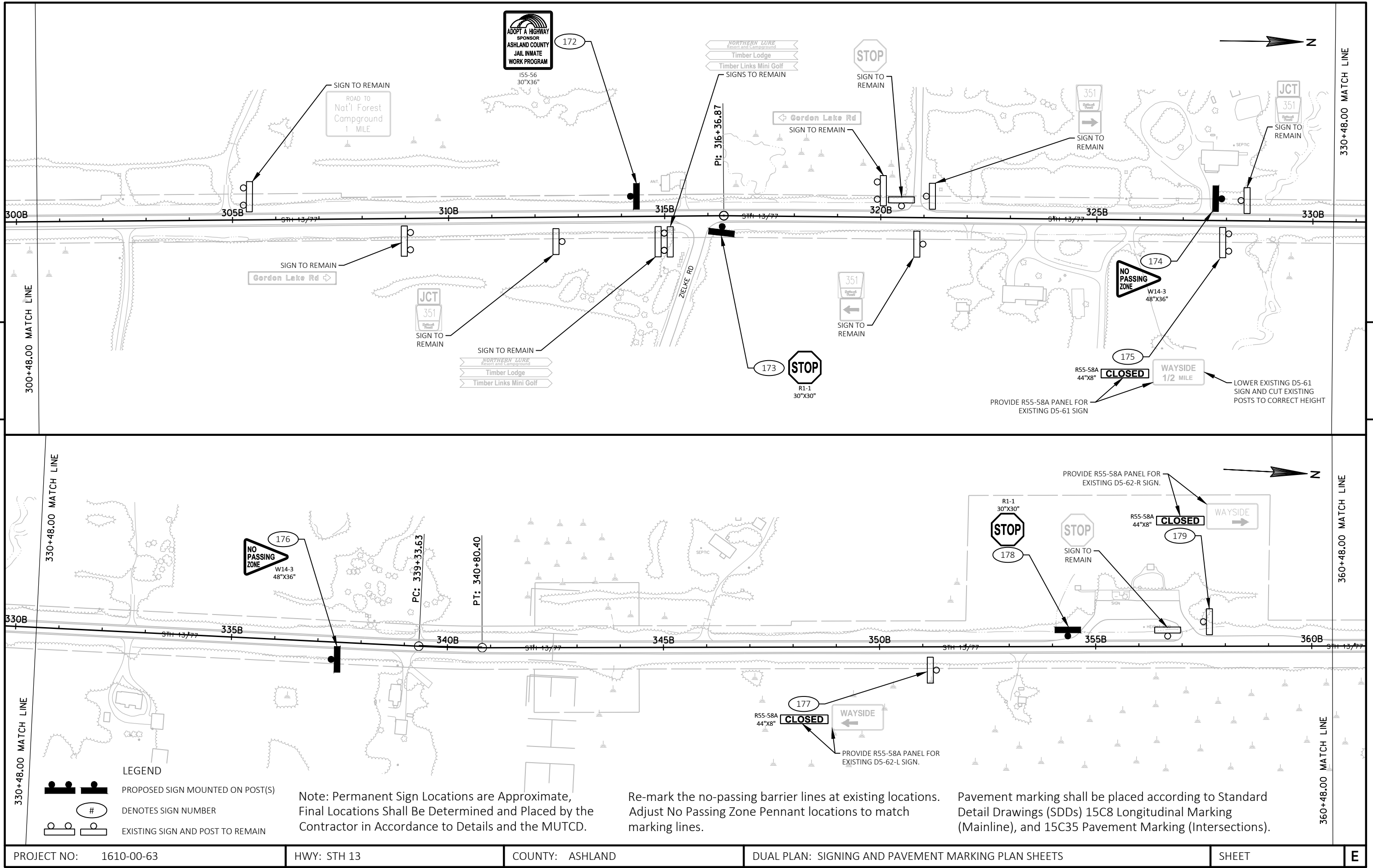
- LEGEND
- PROPOSED SIGN MOUNTED ON POST(S)
  - DENOTES SIGN NUMBER
  - EXISTING SIGN AND POST TO REMAIN
  - MARKING LINE PAINT 4-INCH, YELLOW SOLID
  - MARKING LINE PAINT 4-INCH, WHITE SOLID



PROJECT NO: 1610-00-63	HWY: STH 13	COUNTY: ASHLAND	DUAL PLAN: SIGNING AND PAVEMENT MARKING PLAN SHEETS	SHEET	E
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PROJECT NO: 1610-00-63

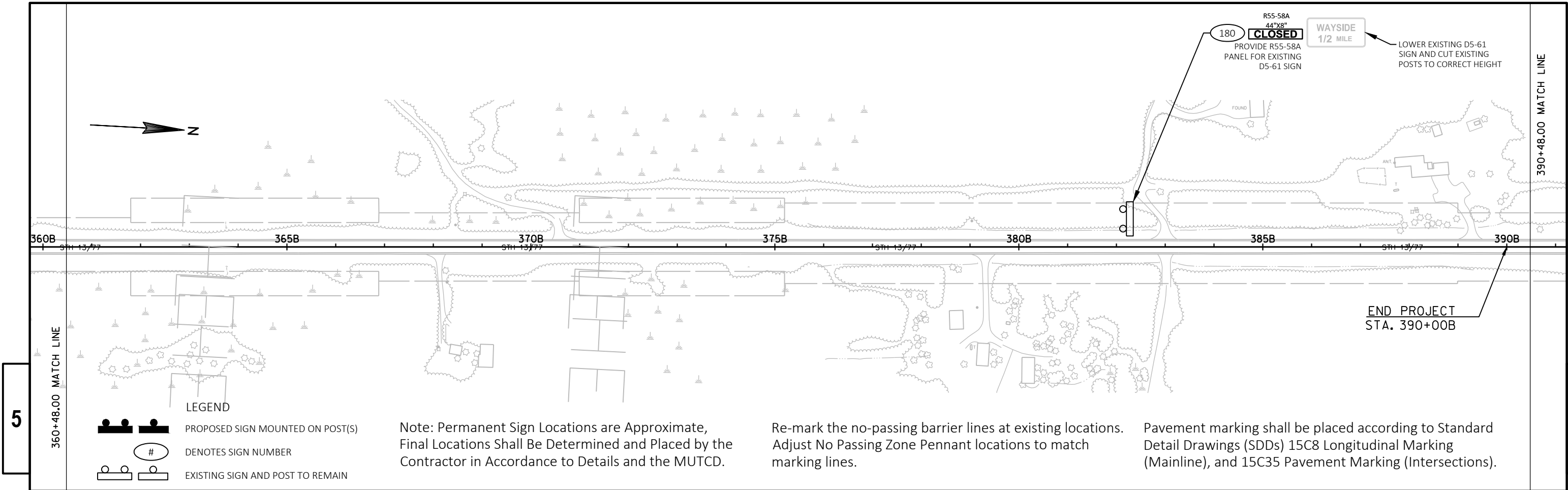
HWY: STH 13

COUNTY: ASHLAND

DUAL PLAN: SIGNING AND PAVEMENT MARKING PLAN SHEETS

SHEET

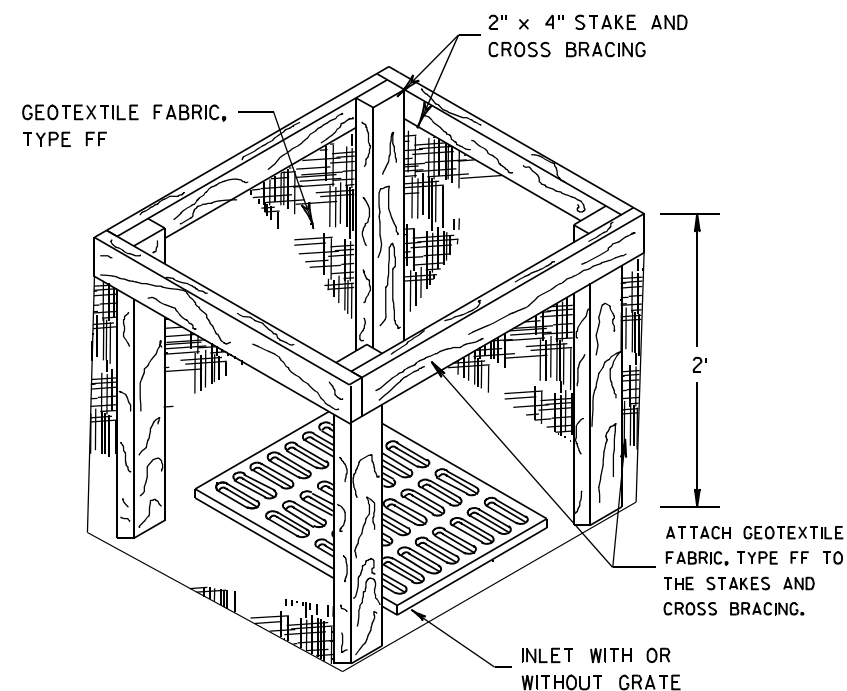
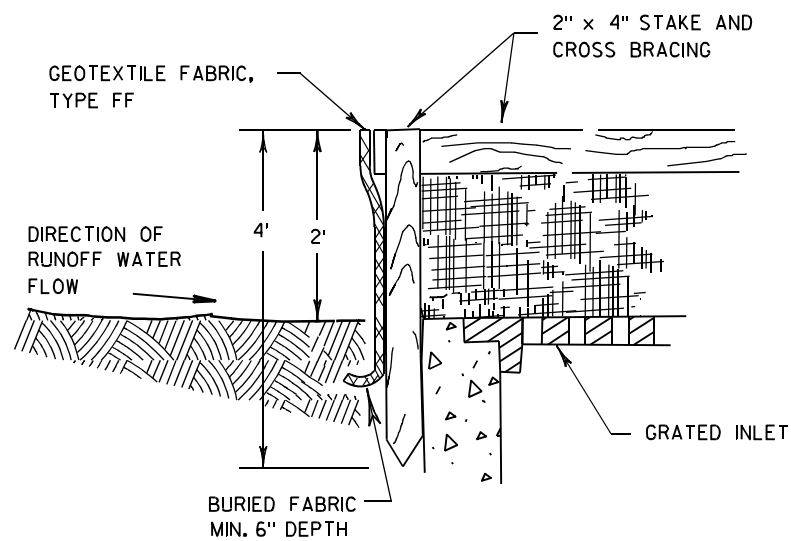
E





Standard Detail Drawing List

08E10-02	INLET PROTECTION TYPE A, B, C AND D
15C04-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C06-08	SIGNING & MARKING FOR TWO LANE BRIDGES
15C08-17A	LONGITUDINAL MARKING (MAINLINE)
15C12-05	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-04A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C33-02	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-01A	PAVEMENT MARKING (INTERSECTIONS)



**INLET PROTECTION, TYPE A**

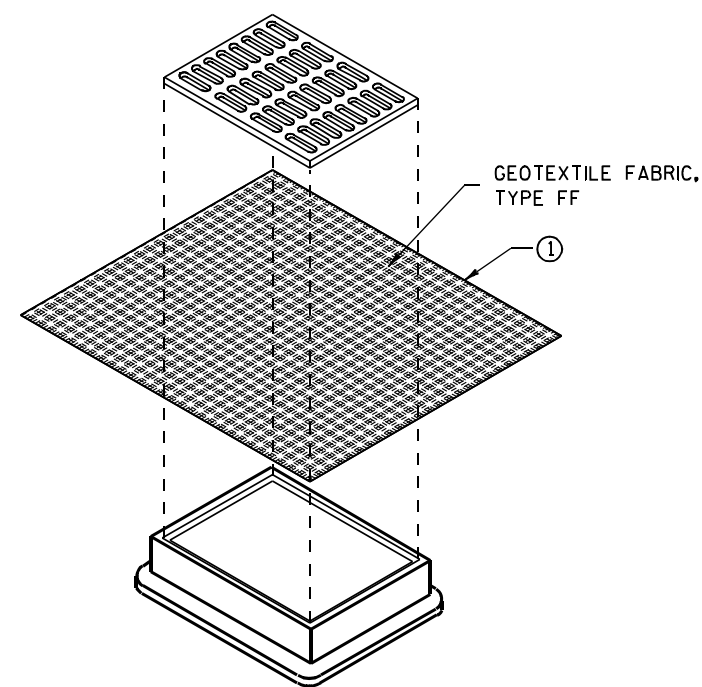
**GENERAL NOTES**

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

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

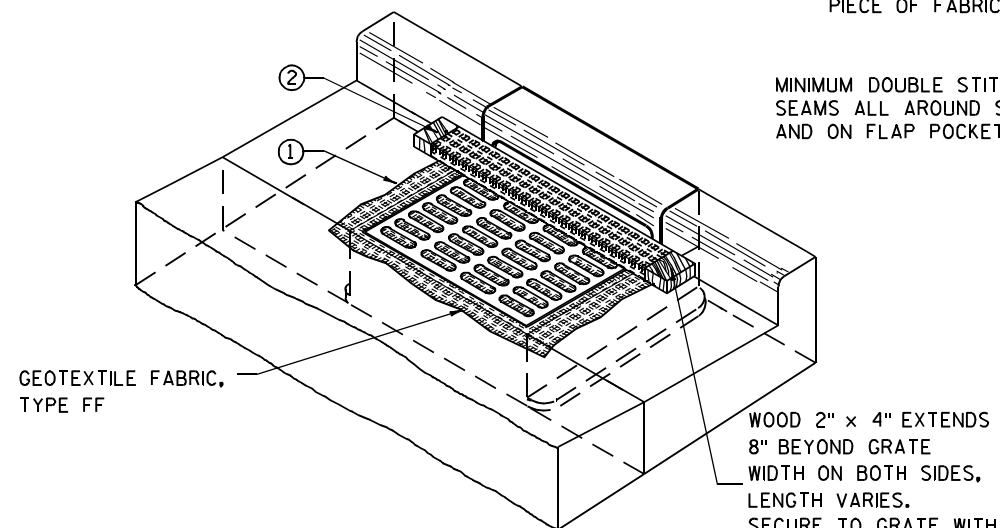
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.



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

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



**INLET PROTECTION, TYPE C (WITH CURB BOX)**

**INSTALLATION NOTES**

**TYPE B & C**

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

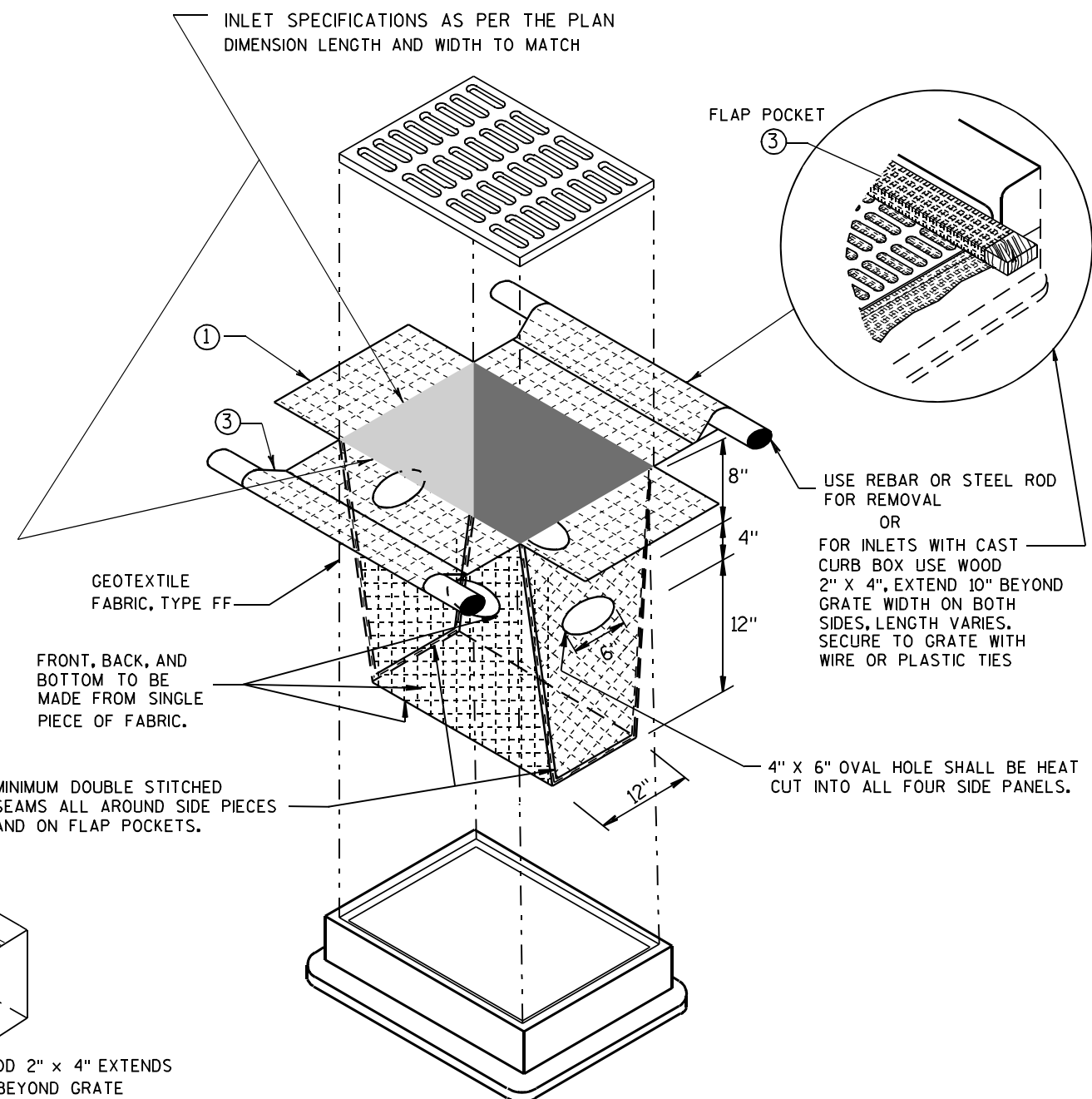
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

**TYPE D**

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

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

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



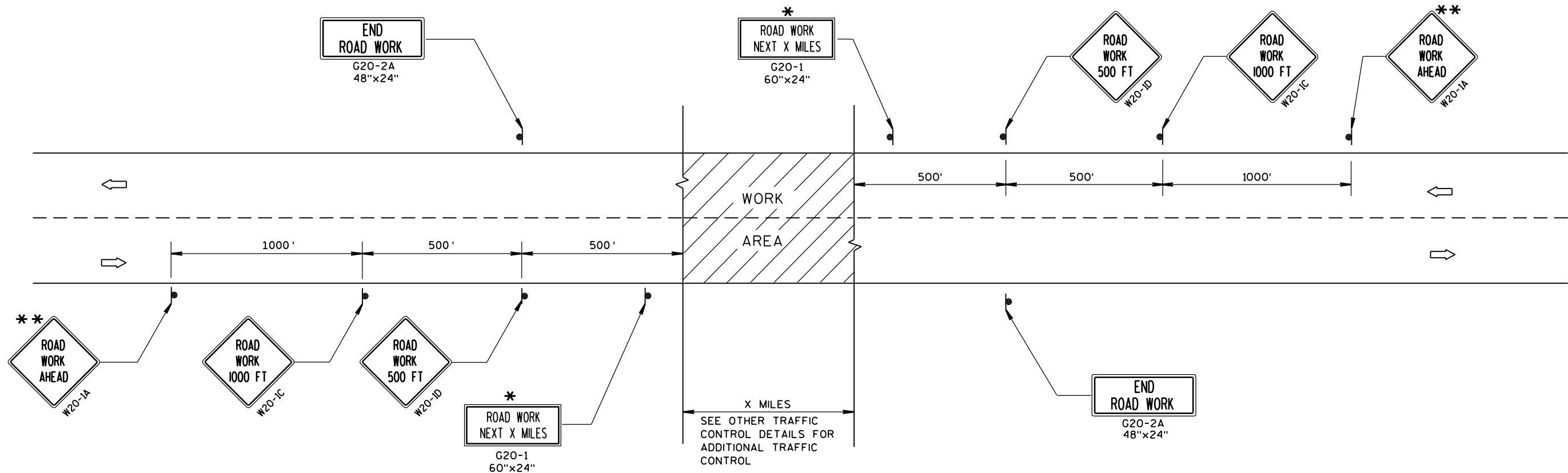
**INLET PROTECTION, TYPE D**

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

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

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

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



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.

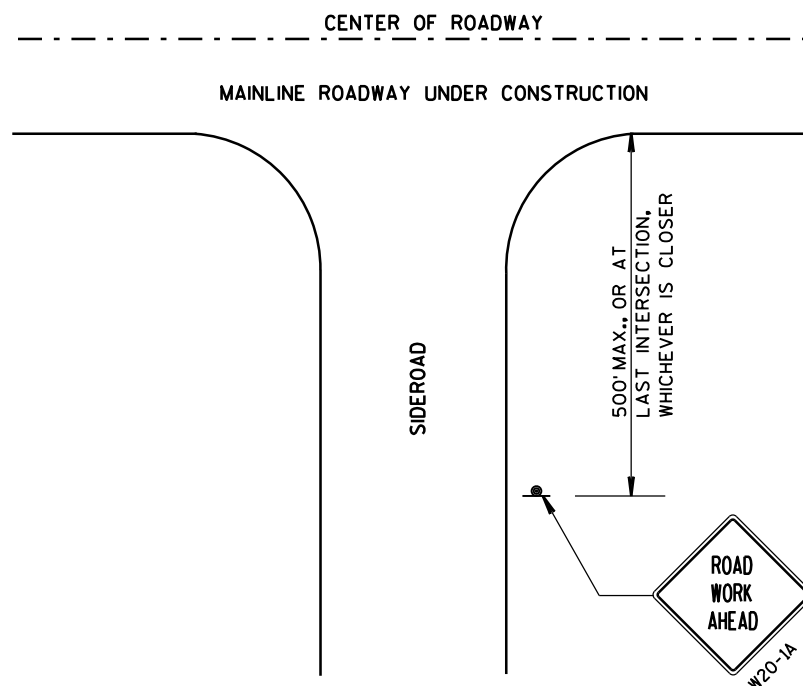
ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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.

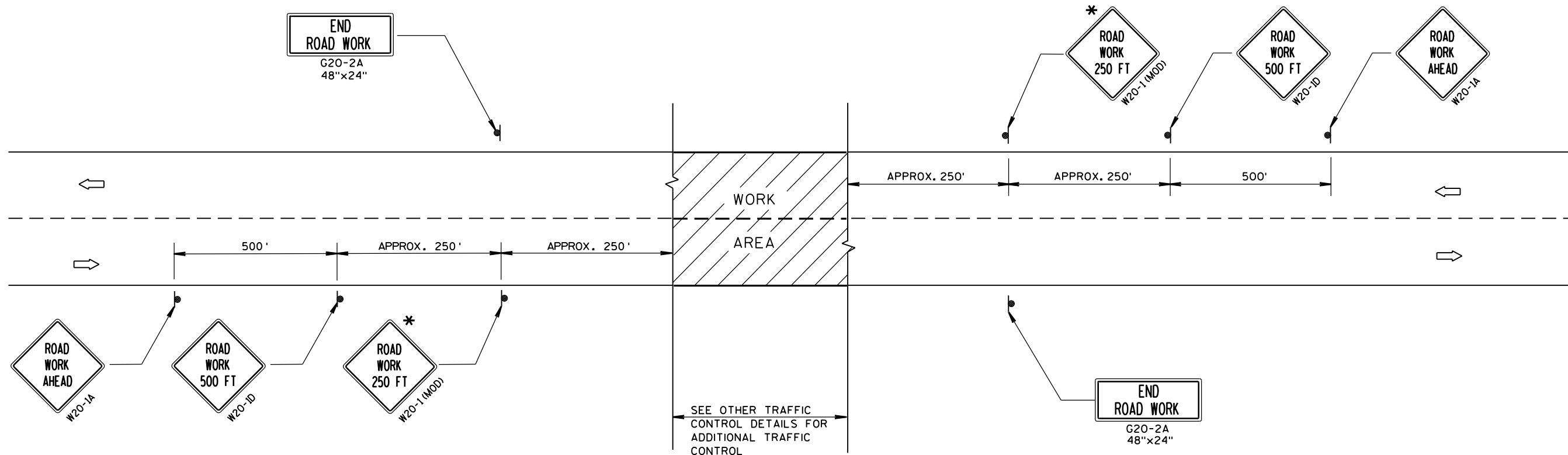
\*\* PLACE ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



## 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	



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.

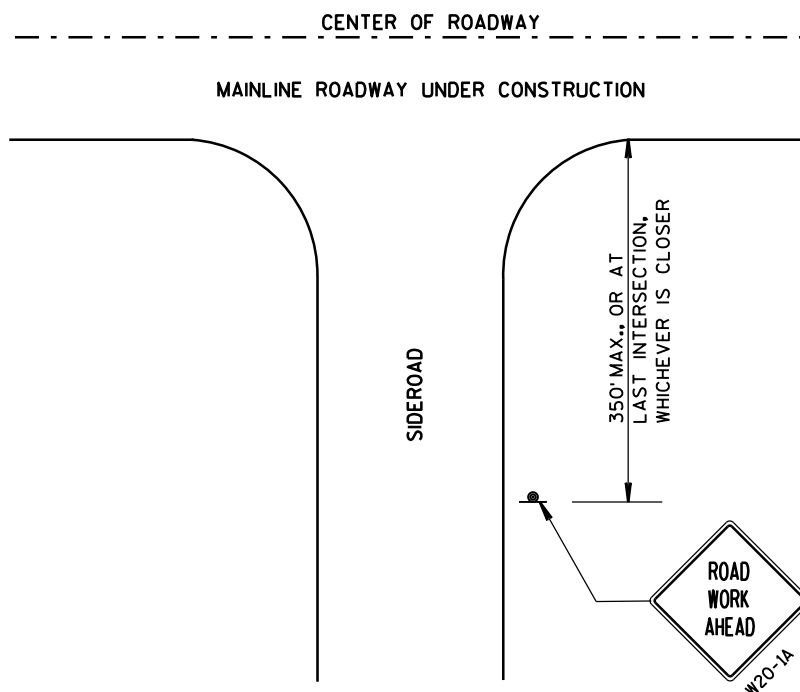
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"x36" SIGNS MAY BE USED INSTEAD OF 48"x48" SIGNS.

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.

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



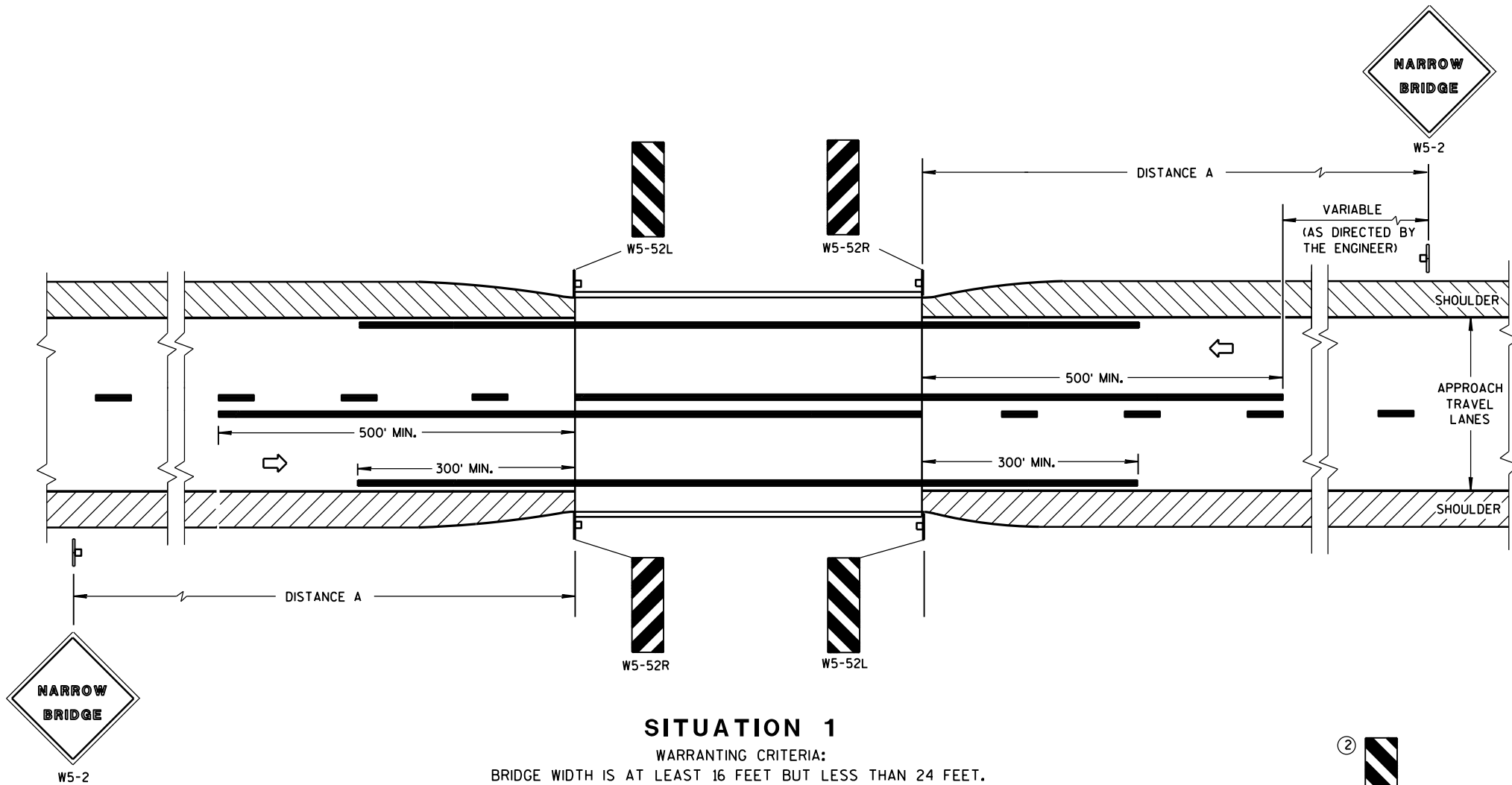
## LEGEND

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

TRAFFIC CONTROL, ADVANCE  
WARNING SIGNS 40 M.P.H.  
OR LESS TWO-WAY UNDIVIDED  
ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
Sept. 2015 /S/ Peter Amakobe Atepe  
DATE STATEWIDE WORK ZONE TRAFFIC  
FHWA SAFETY ENGINEER



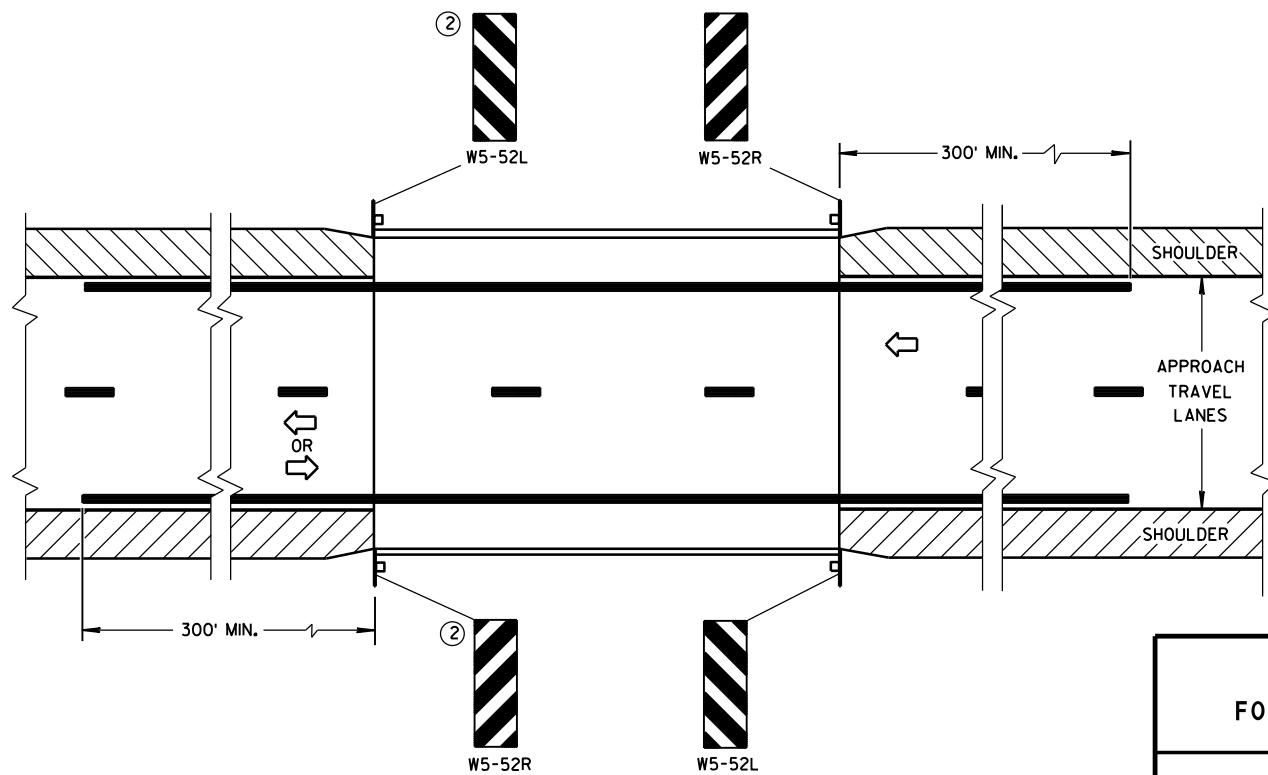
DISTANCE TABLE

POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
25	150'
30	200'
35	250'
40	300'
45	400'
50	550'
55	750'

## 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.

- ① LOCATE W5-52 SIGN POST(S) BEHIND GUARDRAIL WHEN PRESENT.
- ② OMIT ON ONE-WAY TRAVELLED WAYS.
- ③ EDGE OF W5-52 SIGN SHALL BE PLACED IN LINE WITH FACE OF CURB OR PARAPET.



## SIGNING & MARKING FOR TWO LANE BRIDGES

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED

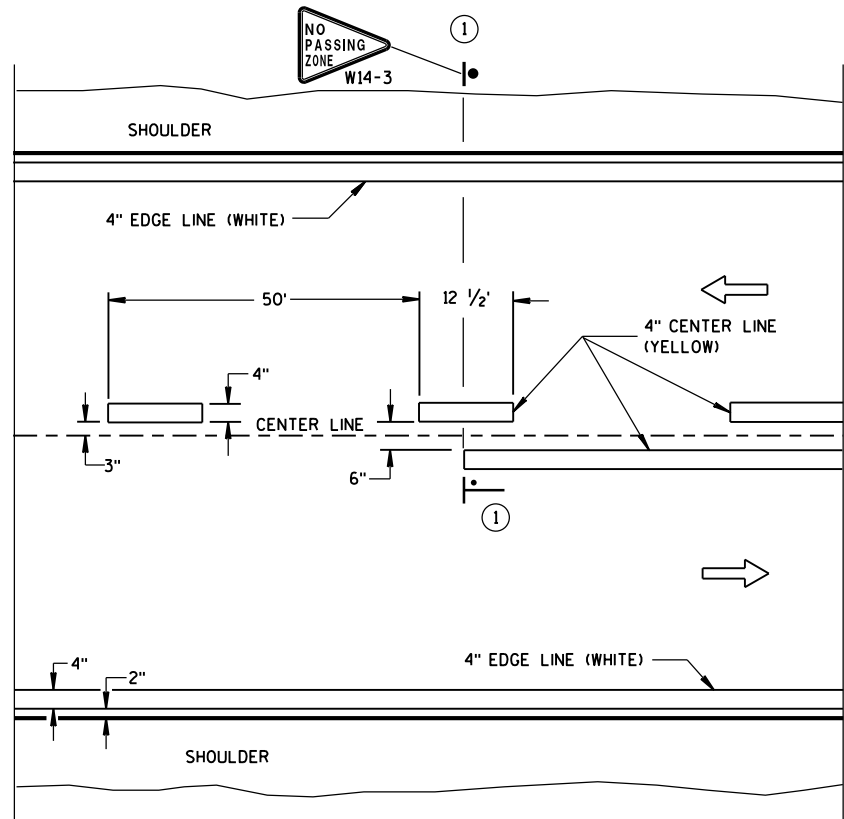
4-18-16

DATE

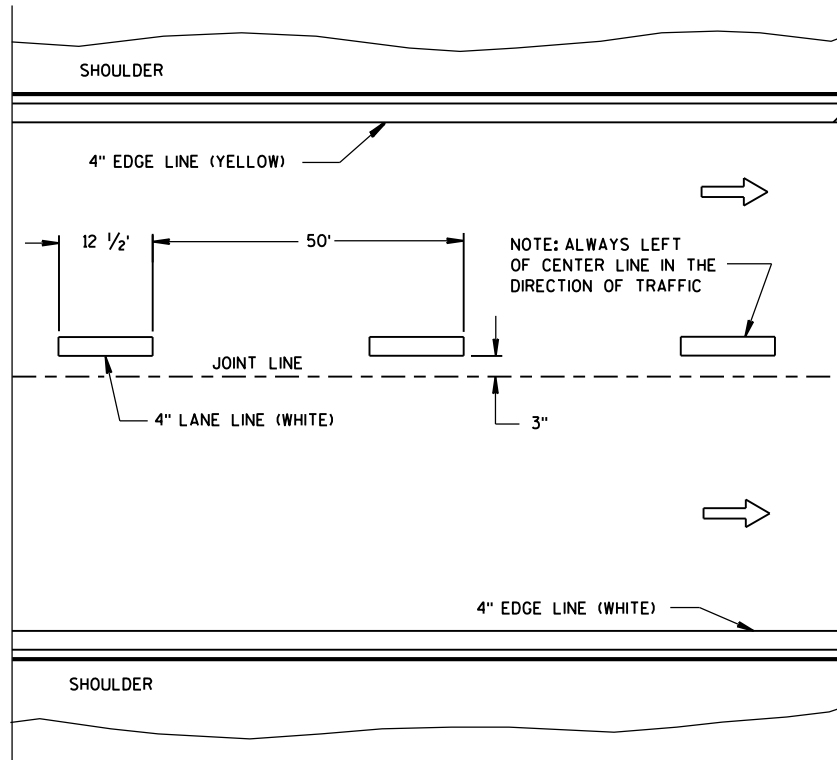
FHWA

/S/ Matthew R. Rauch

STATE SIGNING AND MARKING ENGINEER

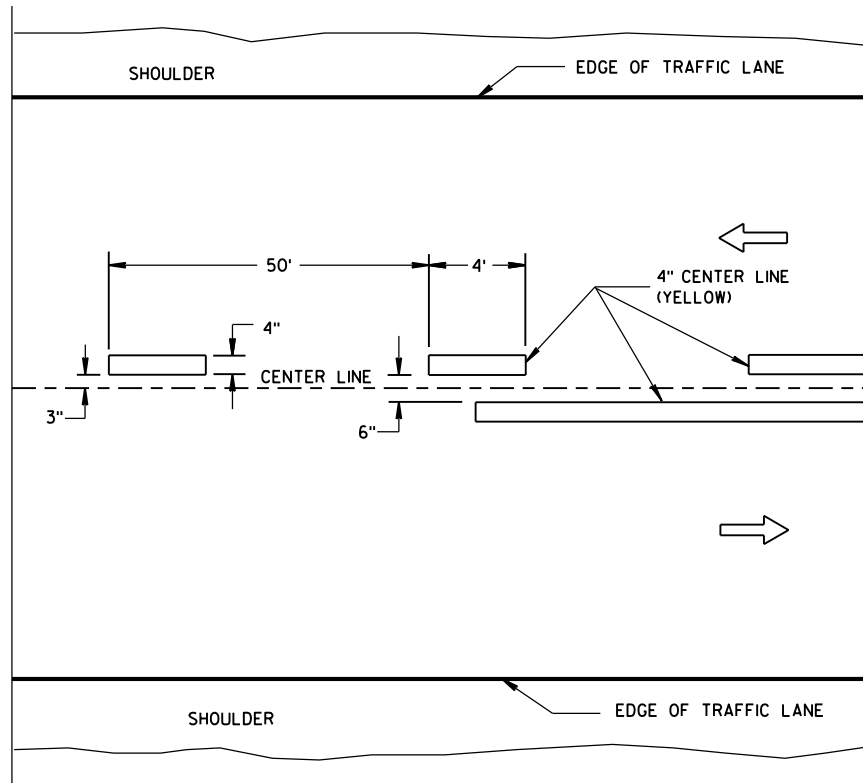


TWO WAY TRAFFIC

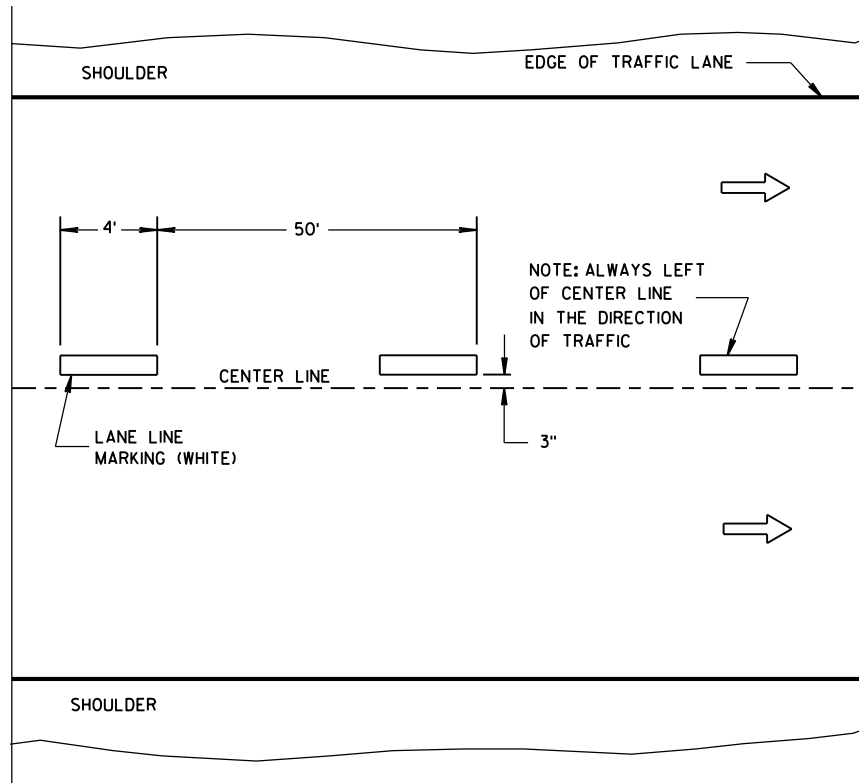


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

GENERAL NOTES

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

① NO PASSING ZONE W14-3 SIGN SHALL BE LOCATED WITHIN 50 FEET OF THE "T" MARKING.

NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

LEGEND

—●— "T" MARKING

● POST MOUNTED SIGN

LONGITUDINAL MARKING  
(MAINLINE)

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
Sept., 2016 /S/ Matthew R. Rauch  
DATE STATE SIGNING AND MARKING ENGINEER  
FHWA

LEGEND

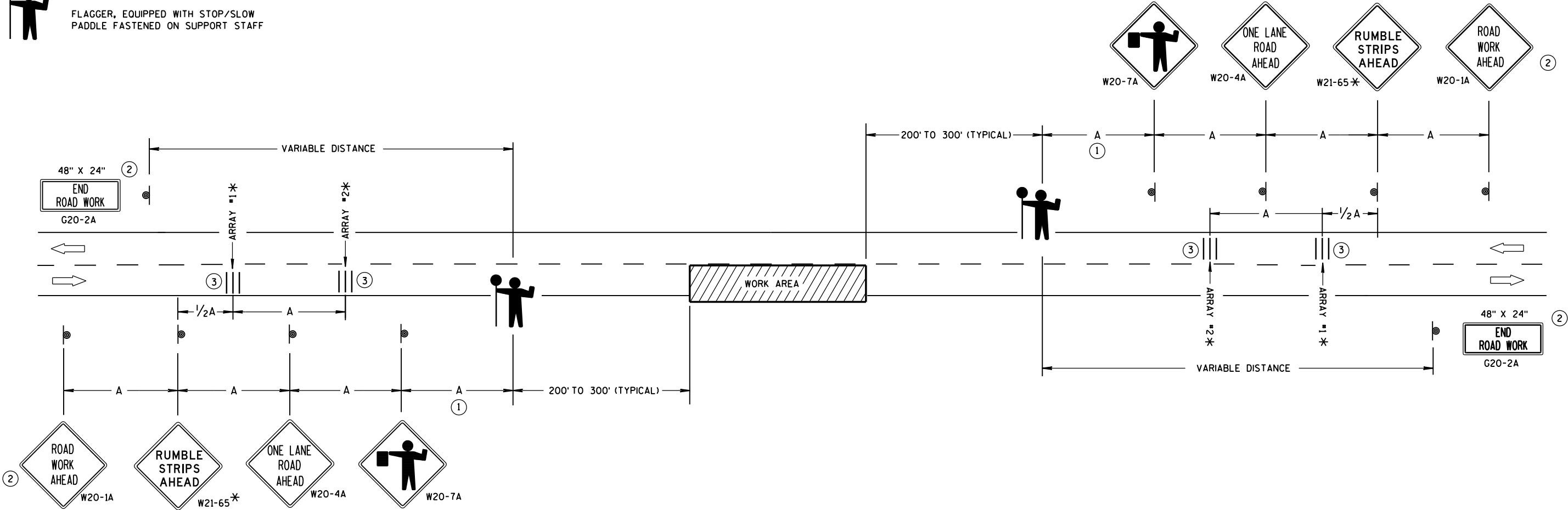
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING A
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 W20-4A SIGNS, USING SPACING A.



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

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.

"W0" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

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.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS. PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

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

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, REMOVE TEMPORARY RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

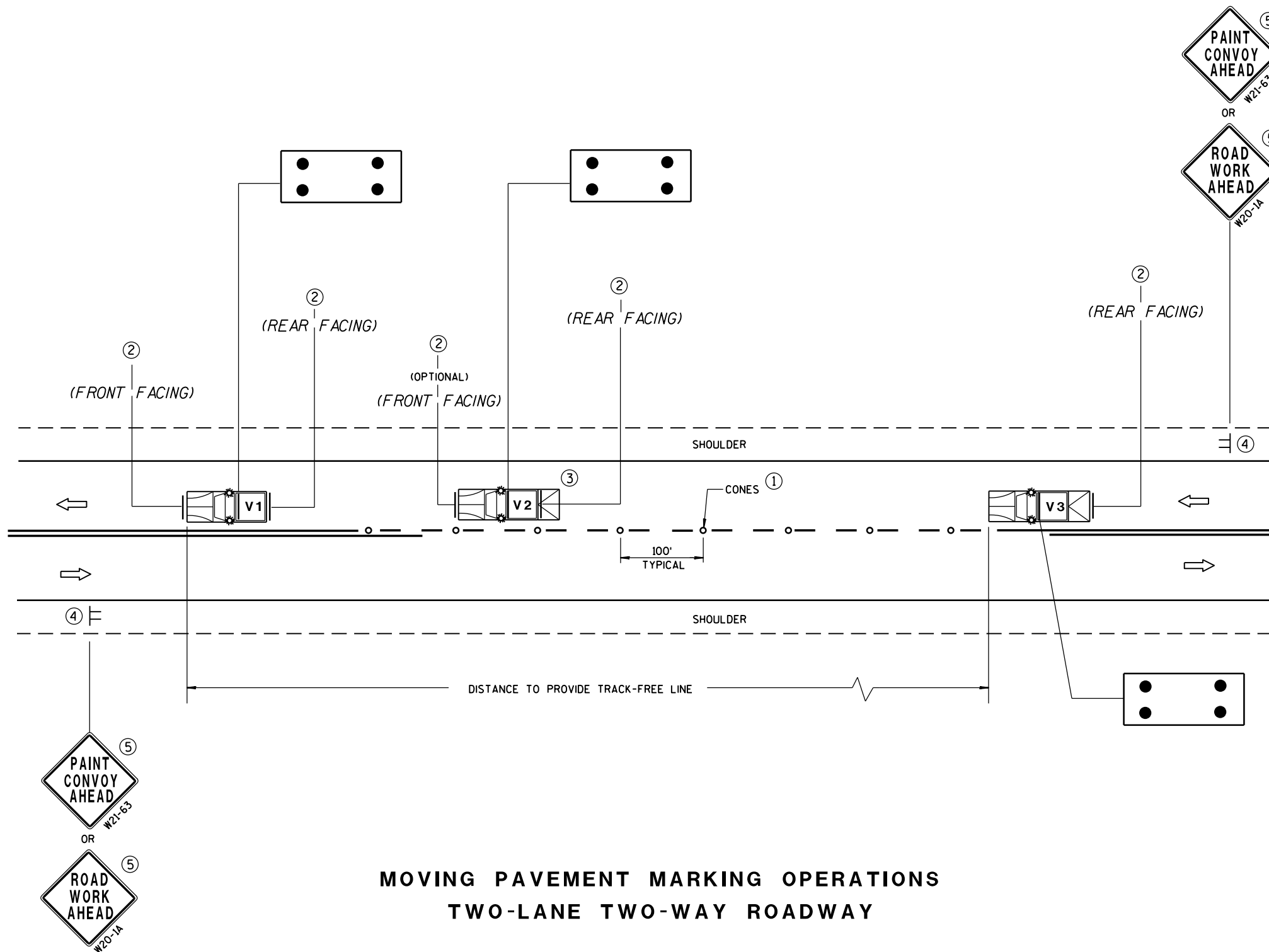
\* UTILIZE TEMPORARY RUMBLE STRIPS WHEN FLAGGING OPERATION IS ANTICIPATED TO BE STATIONARY IN EXCESS OF TWO HOURS.

- FOR A MOVING WORK OPERATION, SIGNING AND TEMPORARY RUMBLE STRIPS (IF USED) SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3,500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.
- SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.
- EACH TEMPORARY RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
December, 2016 /S/ Andrew Heldtke  
DATE WORK ZONE ENGINEER  
FHWA



MOVING PAVEMENT MARKING OPERATIONS  
TWO-LANE TWO-WAY ROADWAY

## GENERAL NOTES

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

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

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

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

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

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

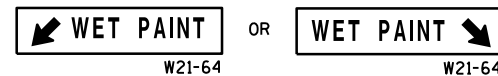
THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

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

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

② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.



③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.

④ SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

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

## LEGEND

V1 LEAD VEHICLE

V2 SHADOW VEHICLE

V3 TRAIL VEHICLE WITH TMA

TMA TRUCK-MOUNTED ATTENUATOR

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

CONES

FLASHING ARROW PANEL (CAUTION)

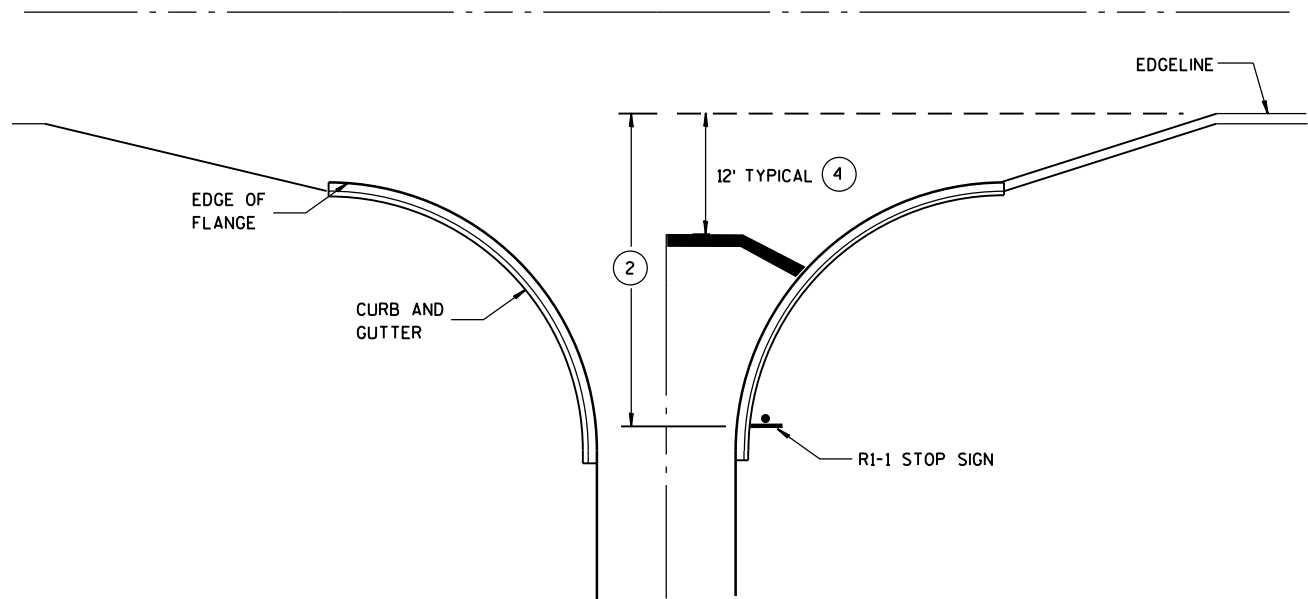
MOVING PAVEMENT MARKING  
OPERATION  
TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

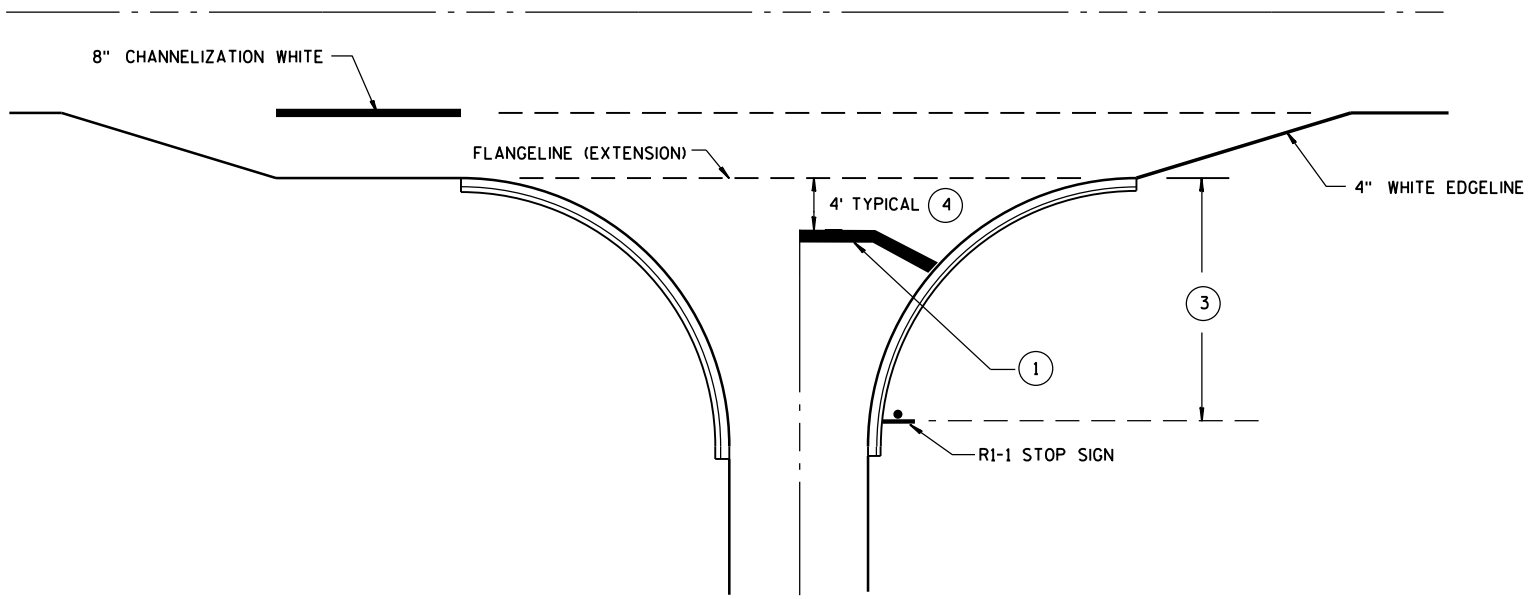
APPROVED  
June 2016  
DATE  
FHWA

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

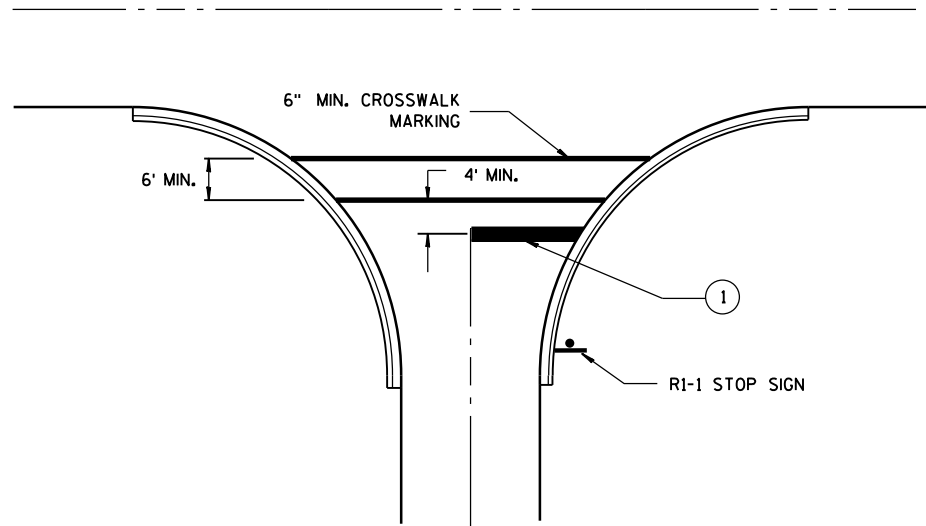




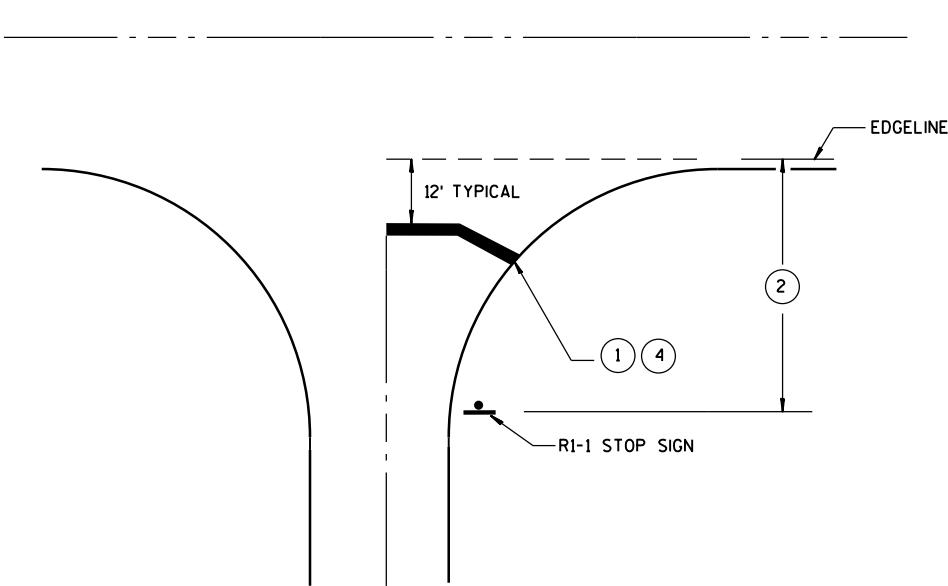
TYPICAL STOP LINE PAVEMENT MARKING  
WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING  
FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING  
FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING  
WITHOUT CURB AND GUTTER

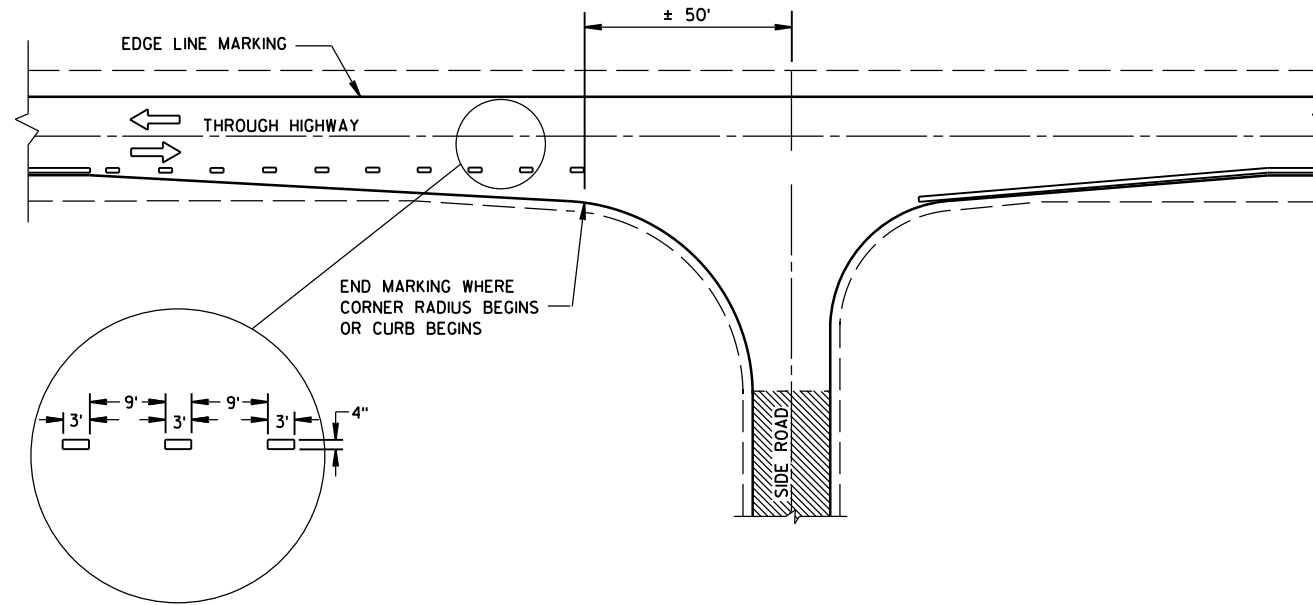
GENERAL NOTES

- 1 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- 2 IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGE LINE THAN NO STOP LINE IS REQUIRED.
- 3 IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
- 4 MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES. (NO CLOSER THAN 4 FEET).

STOP LINE AND CROSSWALK  
PAVEMENT MARKING

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
4-18-2016 /S/ Matthew R. Rauch  
DATE STATE SIGNING AND MARKING ENGINEER  
FHWA




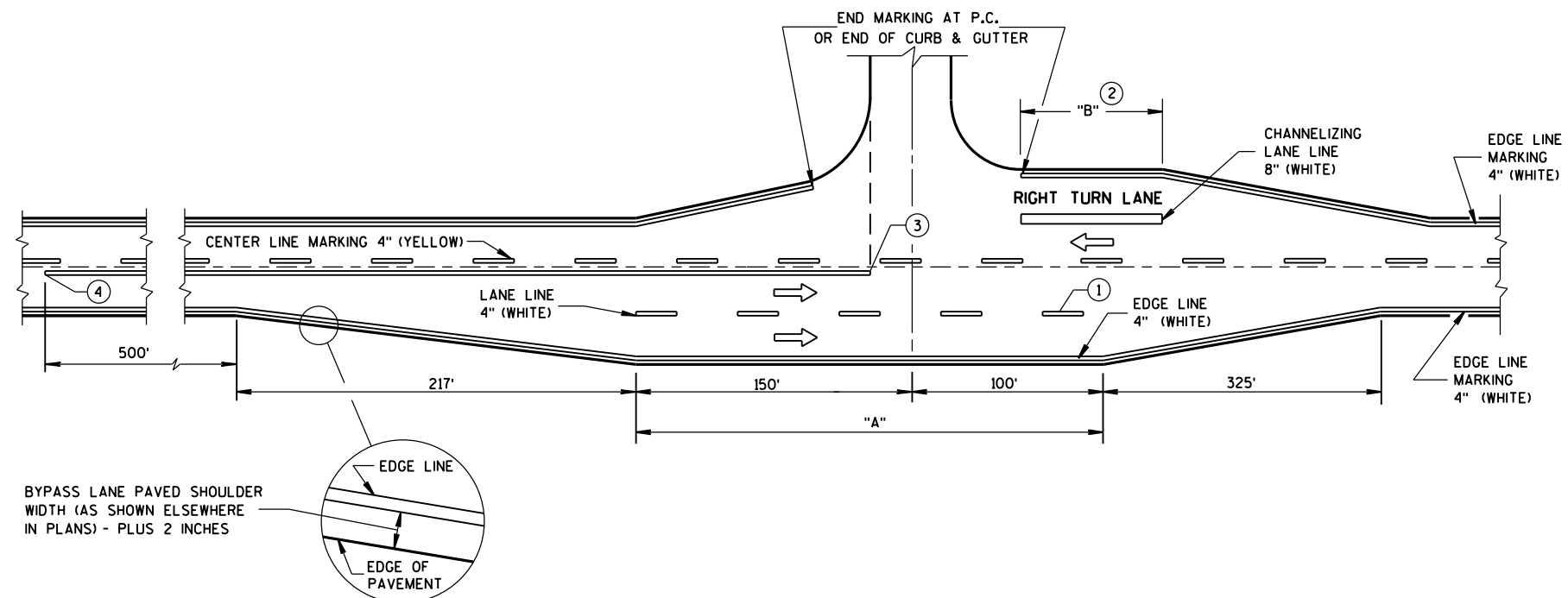
**MINOR INTERSECTION WITHOUT CURBS**

## GENERAL NOTES

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

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

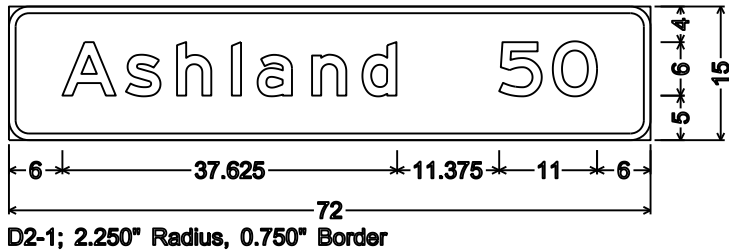
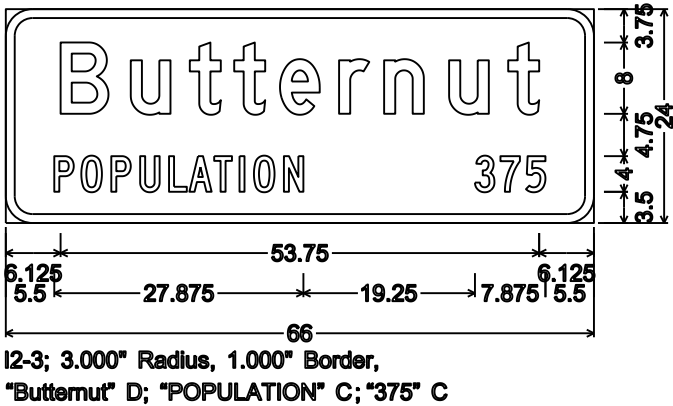
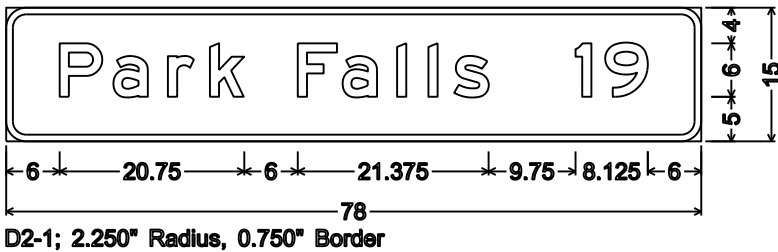
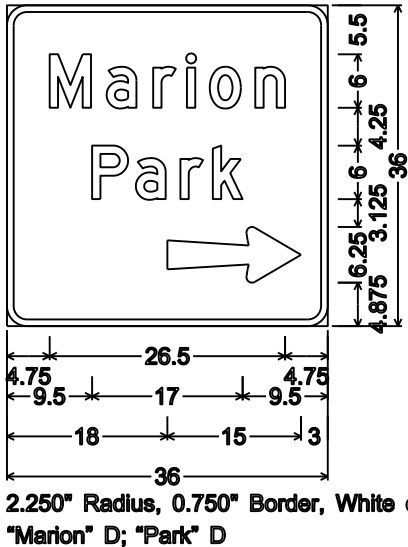
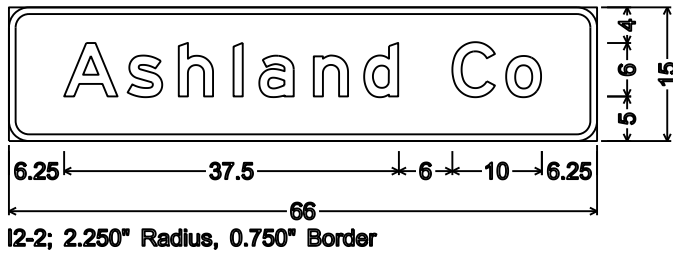
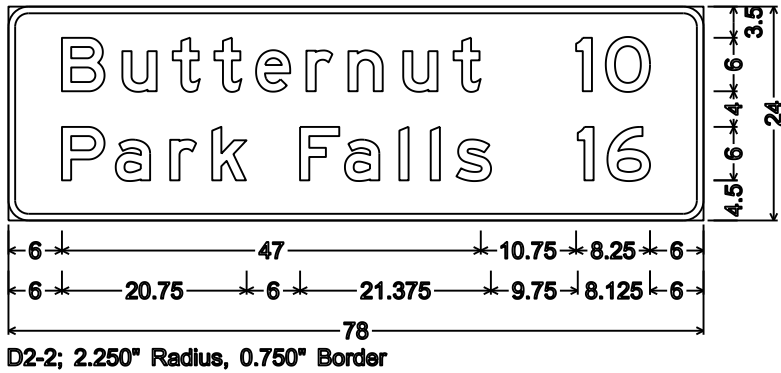
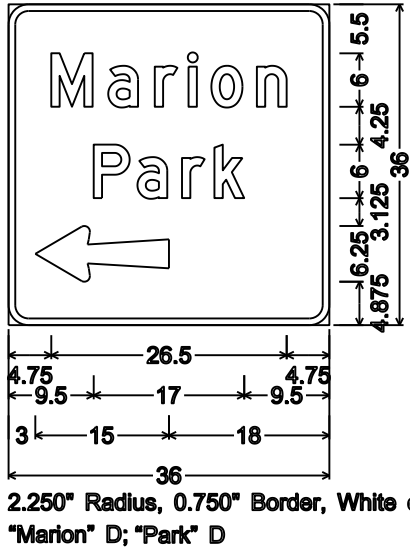
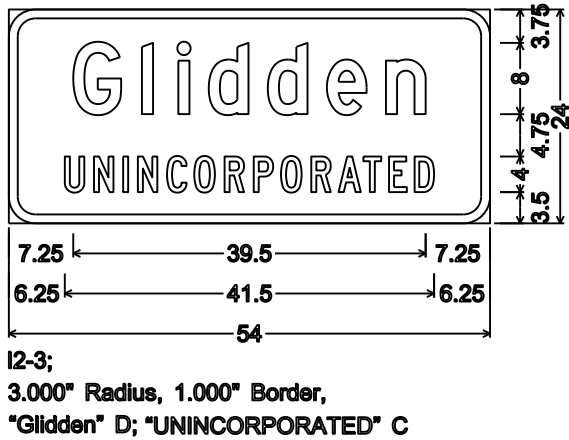
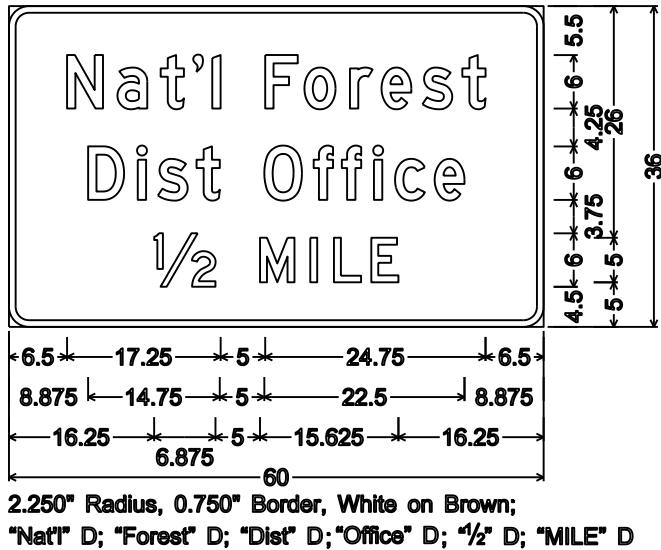
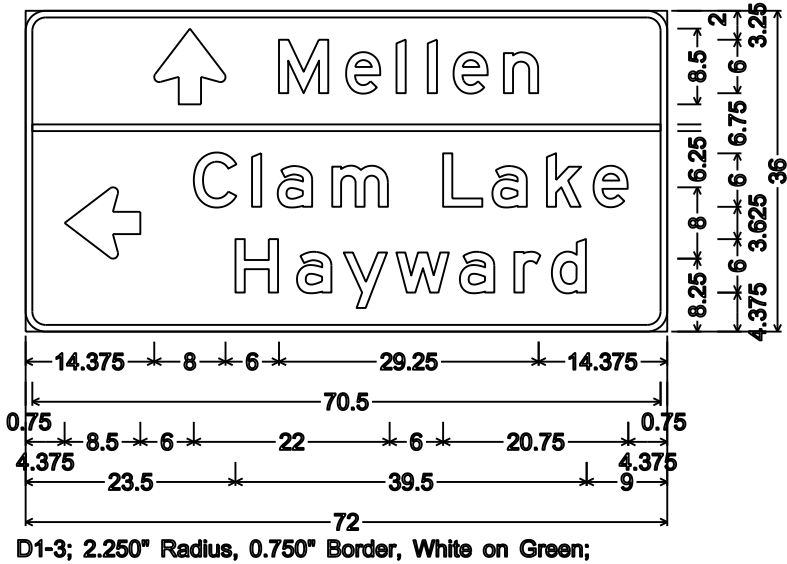
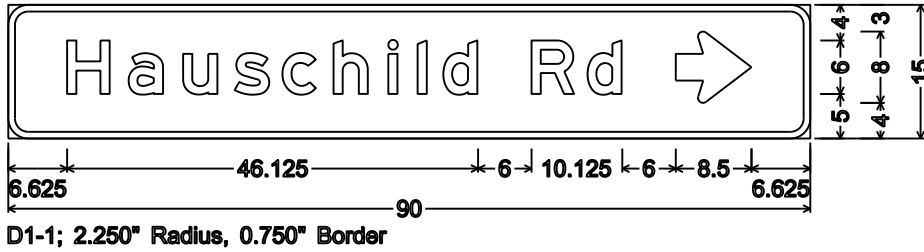
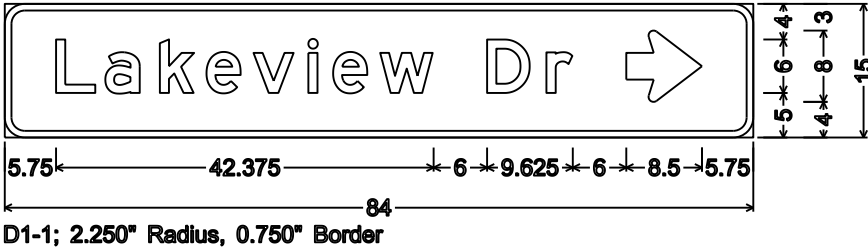
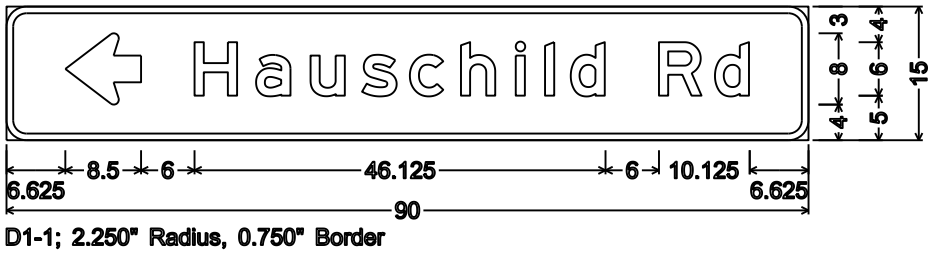
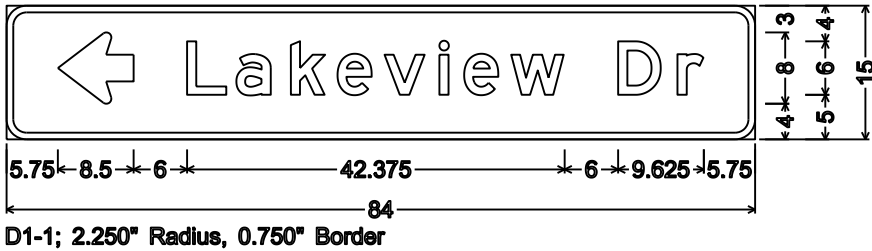
ARROW SYMBOL (  ) SHOWS DIRECTION OF TRAVEL



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

**PAVEMENT MARKING  
(INTERSECTIONS)**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION



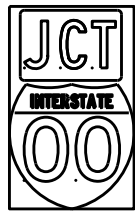
NOTES

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

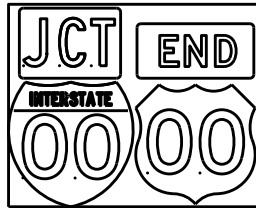
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7

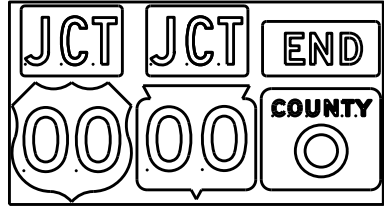
TYPICAL ASSEMBLIES



J1-1



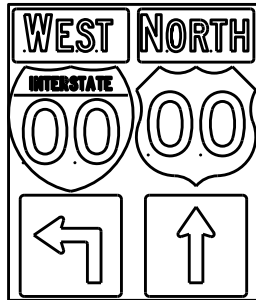
J1-2



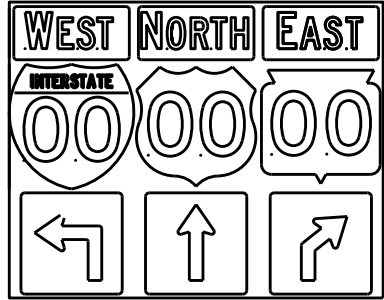
J1-3



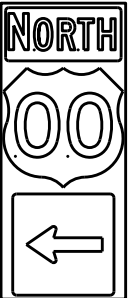
J2-1



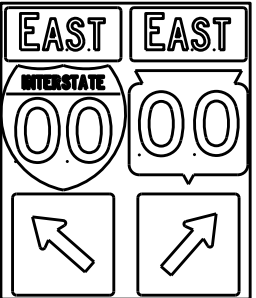
J2-2



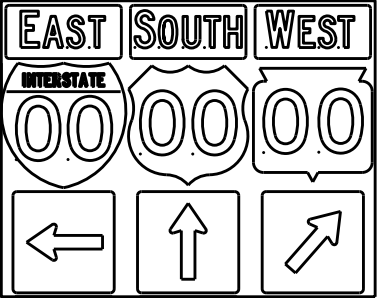
J2-3



J3-1



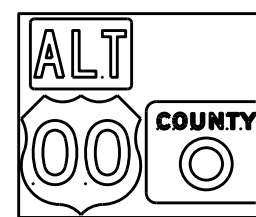
J3-2



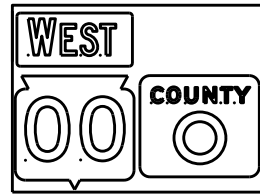
J3-3



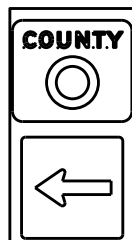
J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1



J23-1

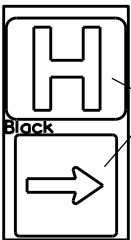


J22-1



JV

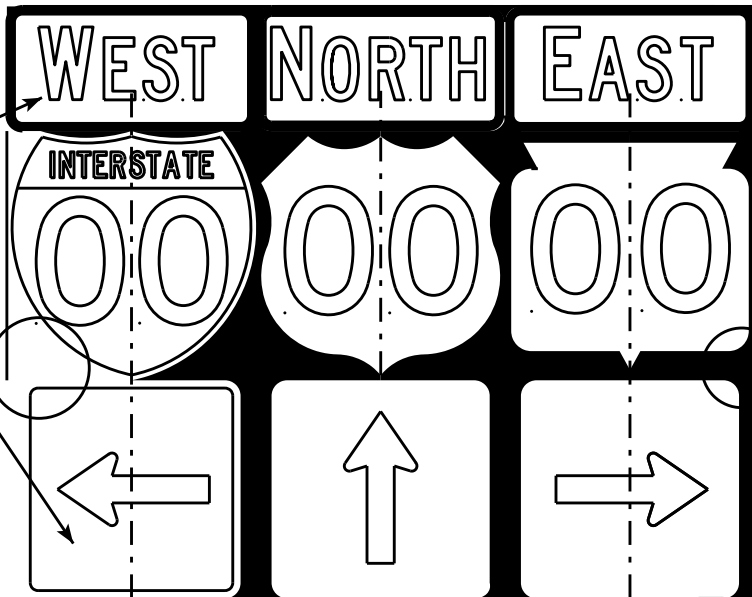
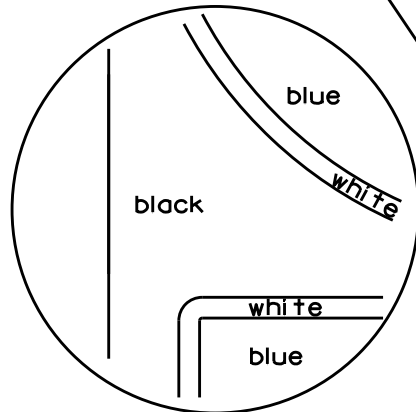
( Typical Vertical J-Assembly  
See Note 10 and 11)



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

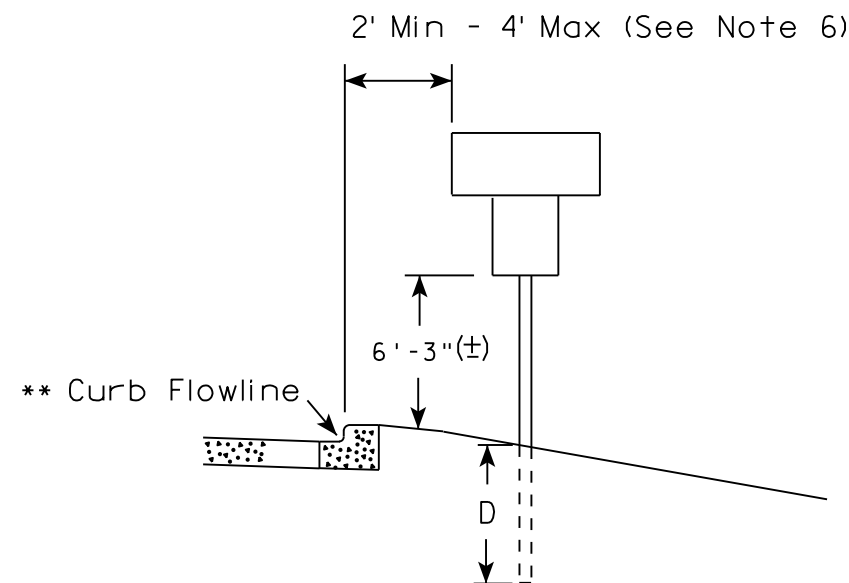
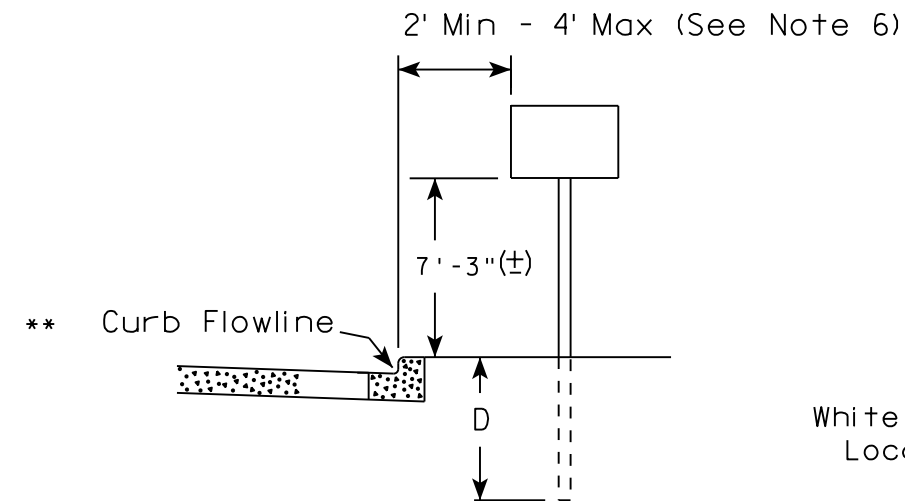
PLOT NAME :

SHEET NO:

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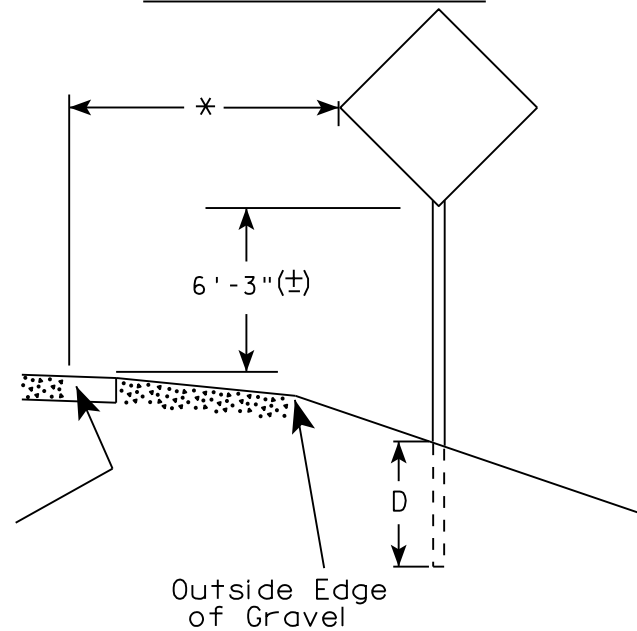
WISDOT/CADDs SHEET 42

## URBAN AREA

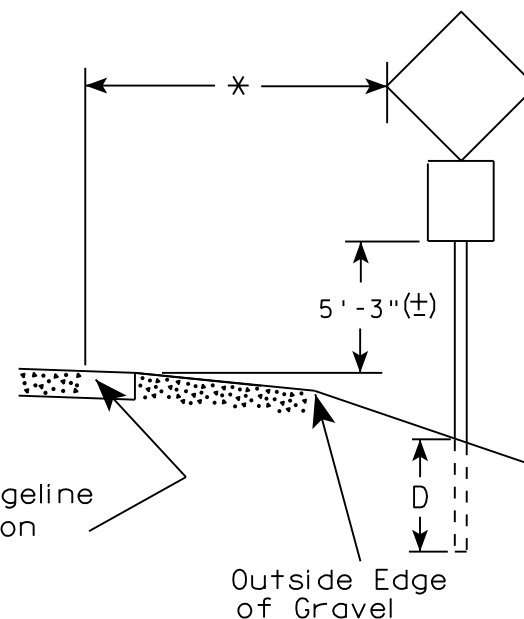


White Edgeline  
Location

## RURAL AREA (See Note 2)



White Edgeline  
Location



Outside Edge  
of Gravel

### POST EMBEDMENT DEPTH

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

### GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on 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. J-Assemblies are considered to be one sign for mounting height.
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" (±).

✱✱ 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.

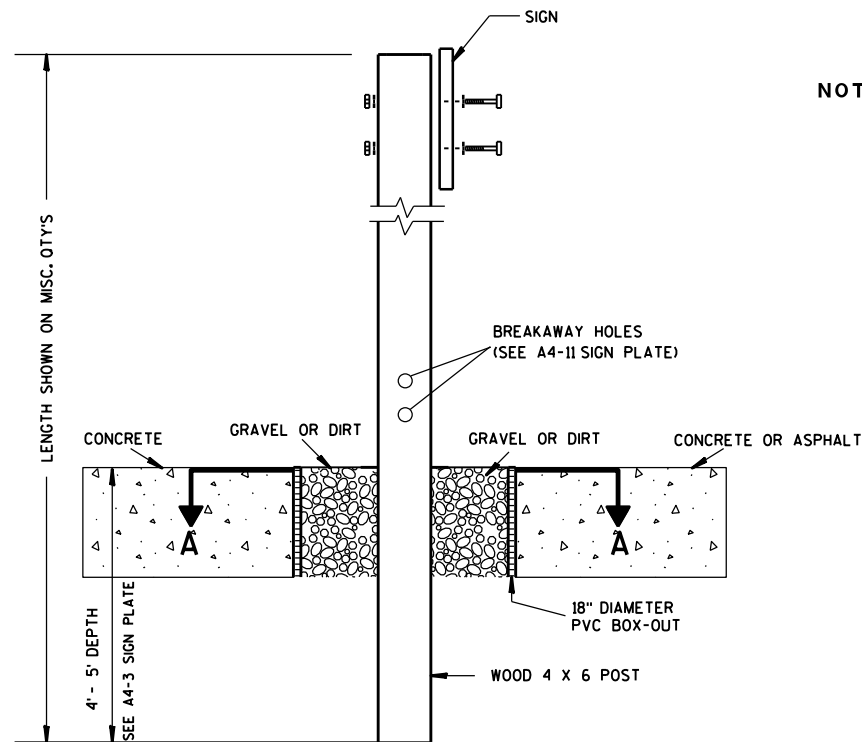
\* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

TYPICAL INSTALLATION  
OF PERMANENT TYPE II  
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

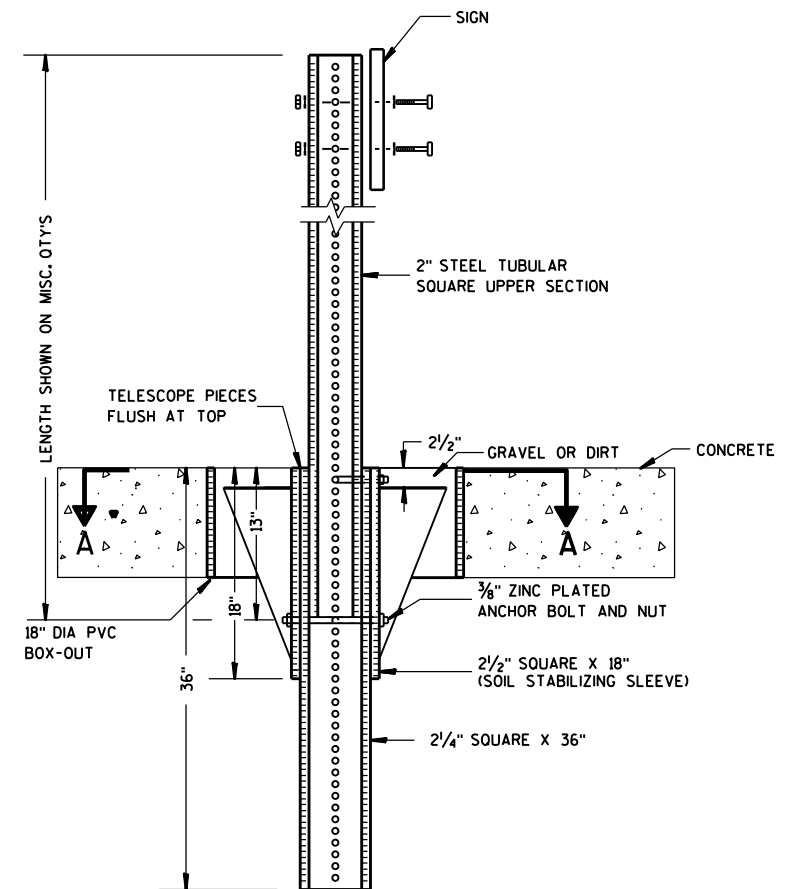
DATE 8/21/17 PLATE NO. A4-3.21



### ELEVATION VIEW

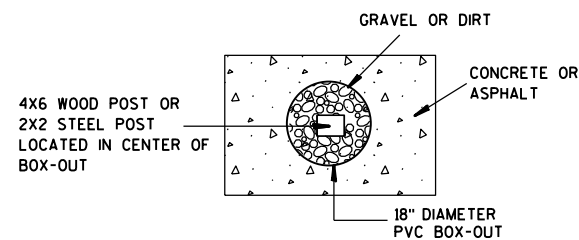
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

- 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

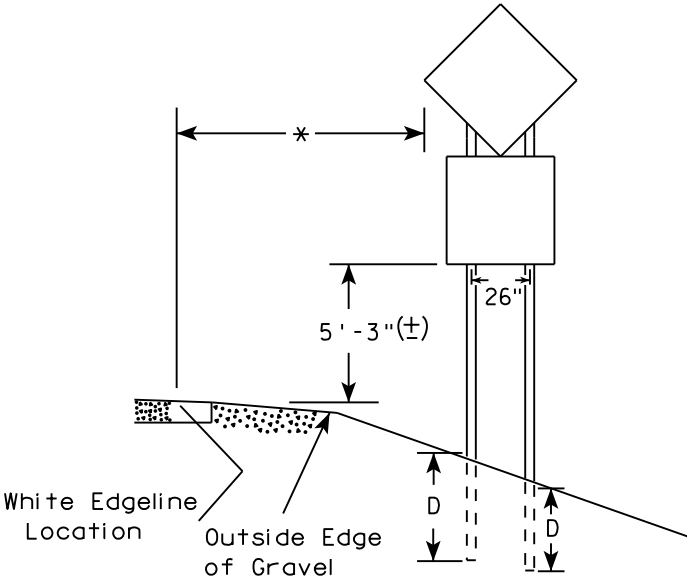
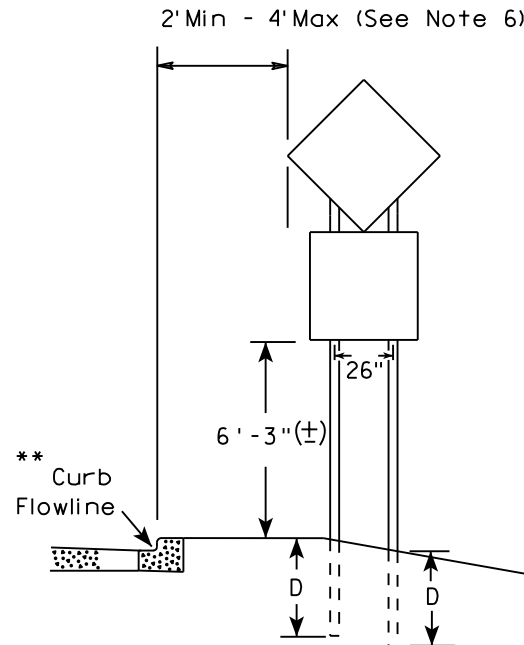
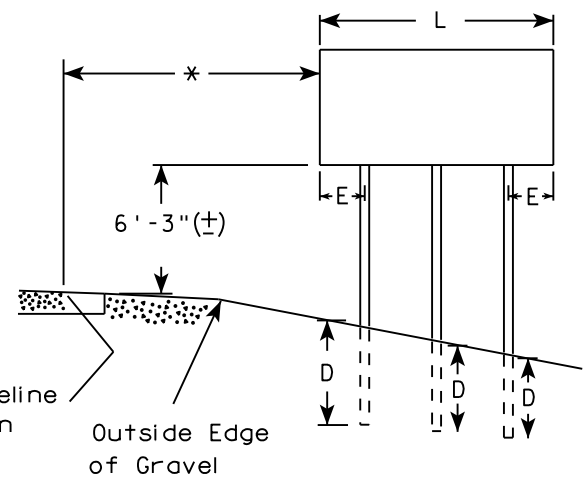
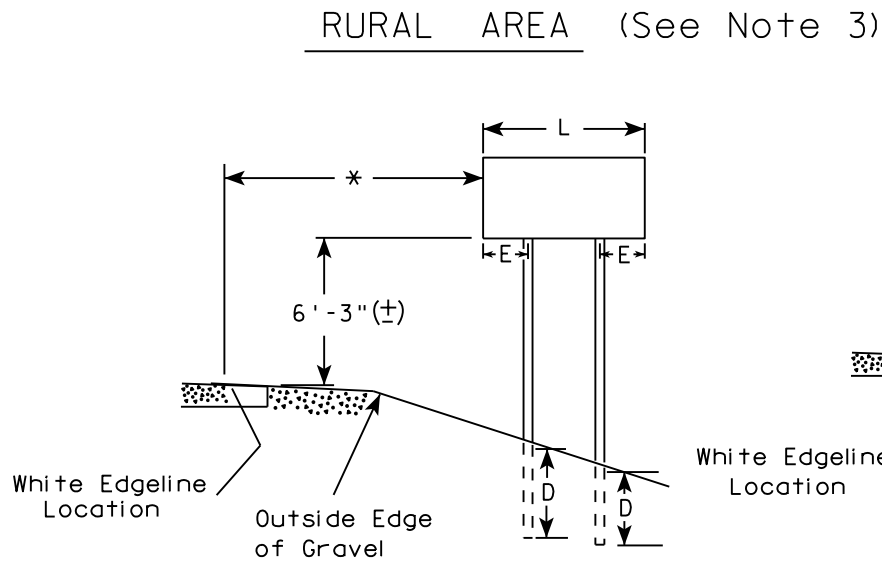
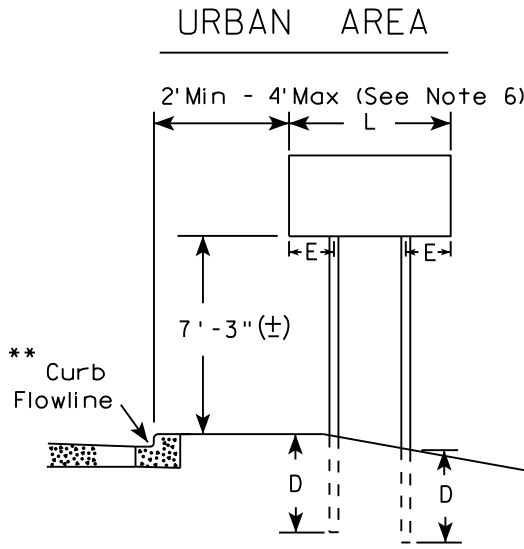
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



\*\*\*

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

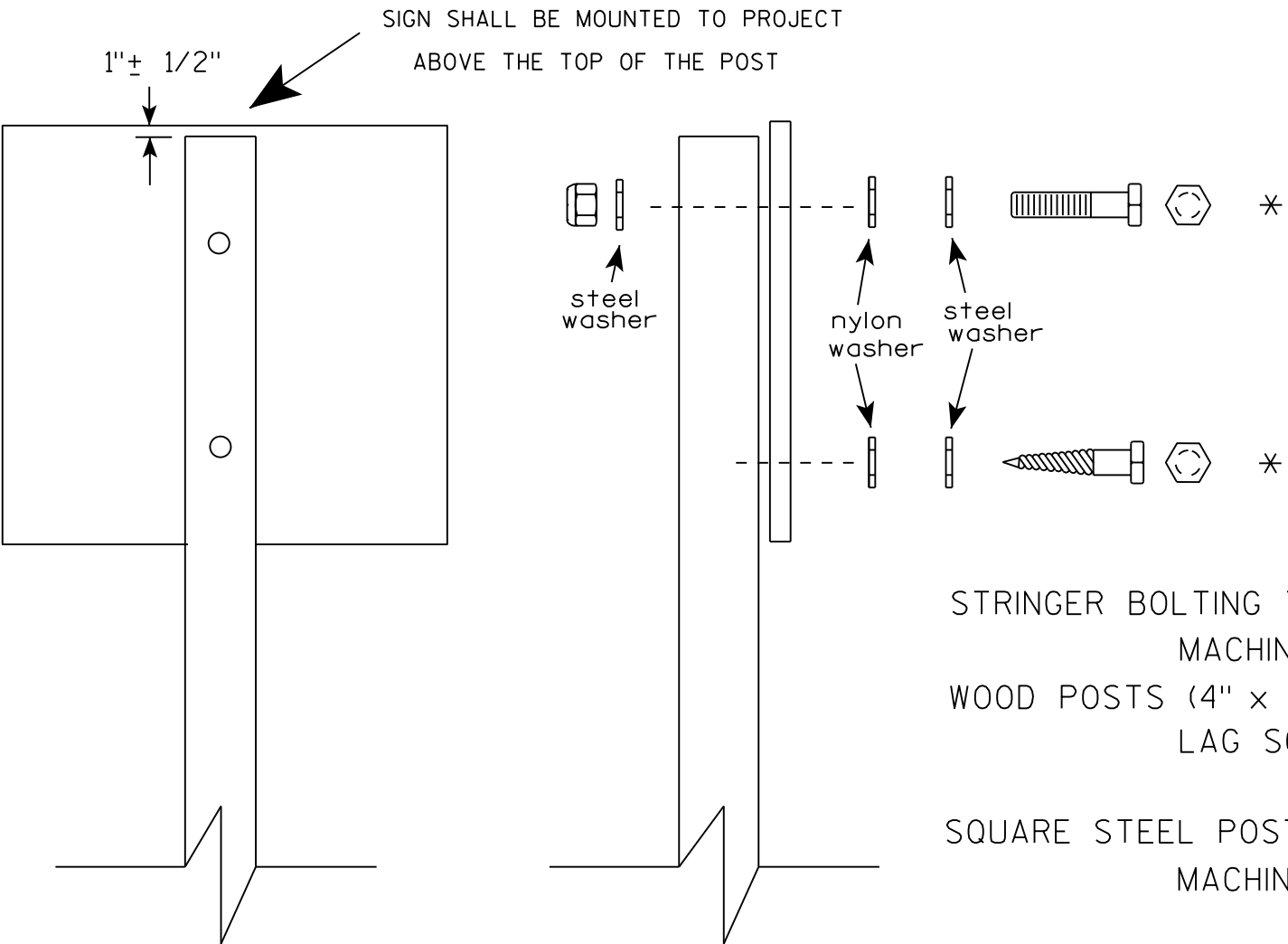
SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

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

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> for State Traffic Engineer
DATE 8/21/17	PLATE NO. A4-4.15

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

- \* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.
- \*\* The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.
- \*\*\* See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.



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

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

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

- STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)
- MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts
- WOOD POSTS (4" x 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

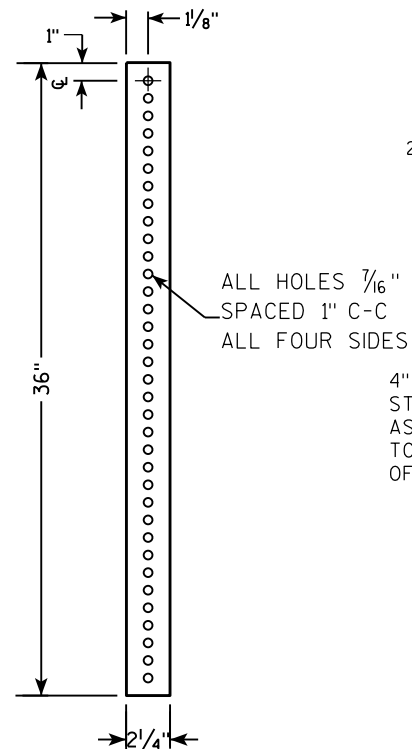
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
For State Traffic Engineer

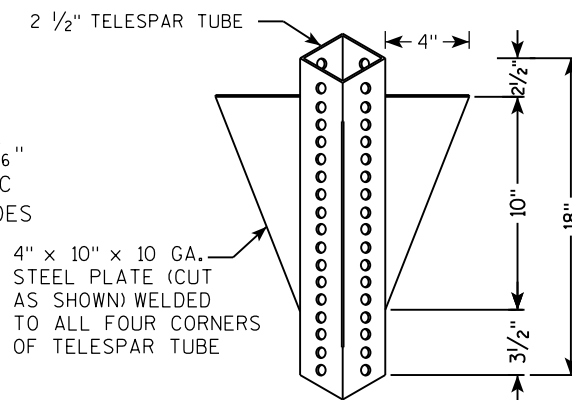
DATE 8/11/16 PLATE NO. A4-8.8



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

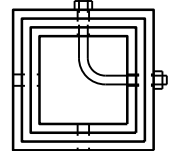


**2 1/2" SQUARE  
12 GAUGE  
OMNI-DIRECTIONAL  
PERFORATED  
SOIL STABILIZING SLEEVE  
GALVANIZED FINISH**



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

3/8" ZINC PLATED CORNER  
ANCHOR BOLT AND NUT



DIRECTION  
OF TRAFFIC

SECTION A-A

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

TUBULAR STEEL  
SIGN POST  
A4-9

WISCONSIN DEPT OF TRANSPORTATION

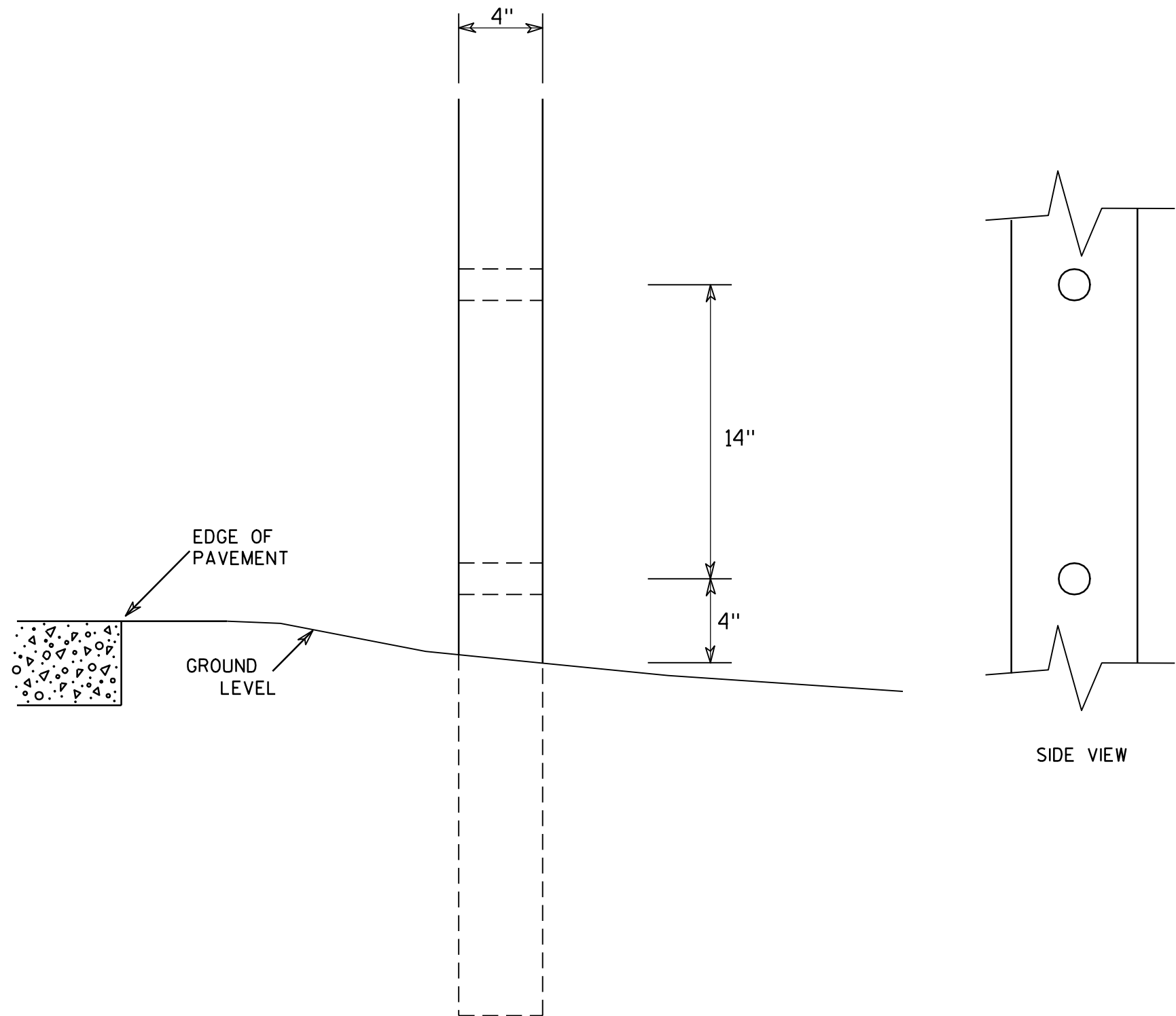
APPROVED Matthieu R. Rauch

for State Traffic Engineer

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

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



GENERAL NOTES

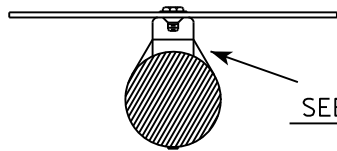
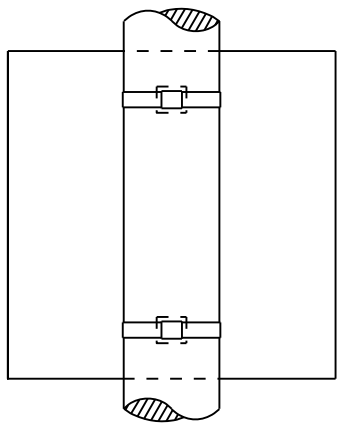
1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

4 X 6 WOOD POST MODIFICATIONS	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Chester J. Spang</i> for State Traffic Engineer
DATE 3/27/97	PLATE NO. A4-11.2

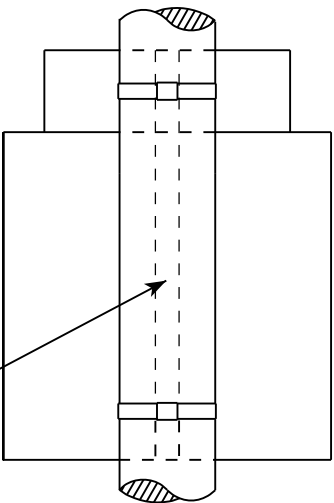
BANDING

SINGLE SIGN

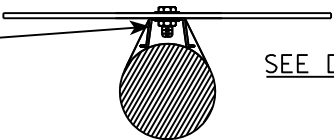


SEE DETAIL A

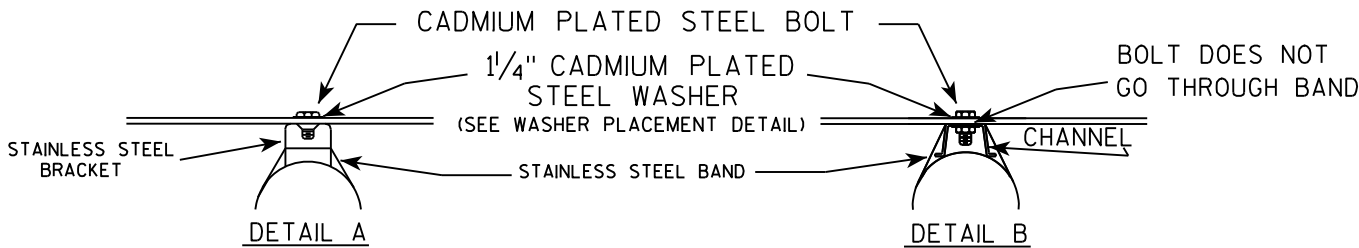
"J" ASSEMBLY



CHANNEL  
SEE TYPICAL PANEL  
INSTALLATION SHEET



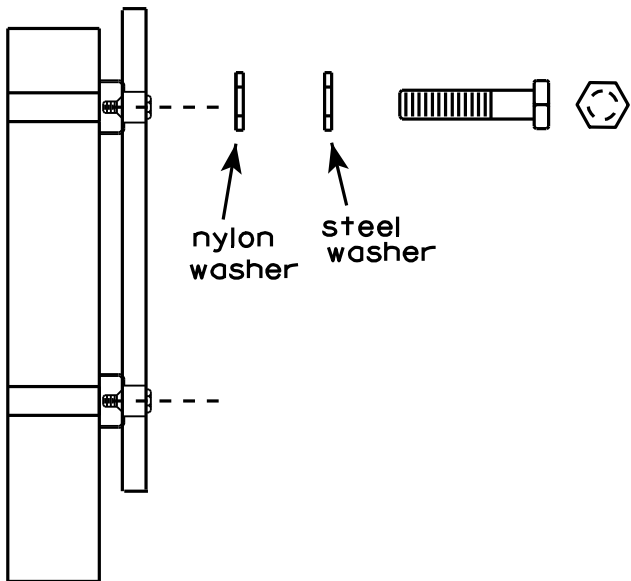
SEE DETAIL B



GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be  $\frac{3}{4}$ " in width and 0.025" thickness.

WASHER PLACEMENT



nylon washer

steel washer

WASHERS (ALL POSTS) -  
1-1/4" O.D. X  $\frac{3}{8}$ " I.D. X  $\frac{1}{16}$ " STEEL  
1-1/4" O.D. X  $\frac{3}{8}$ " I.D. X .080 NYLON  
FOR ALL TYPE H SIGNS

STANDARD SIGN  
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

*Matthew R. Rauch*  
for State Traffic Engineer

DATE 8/16/13

PLATE NO. A5-9.3

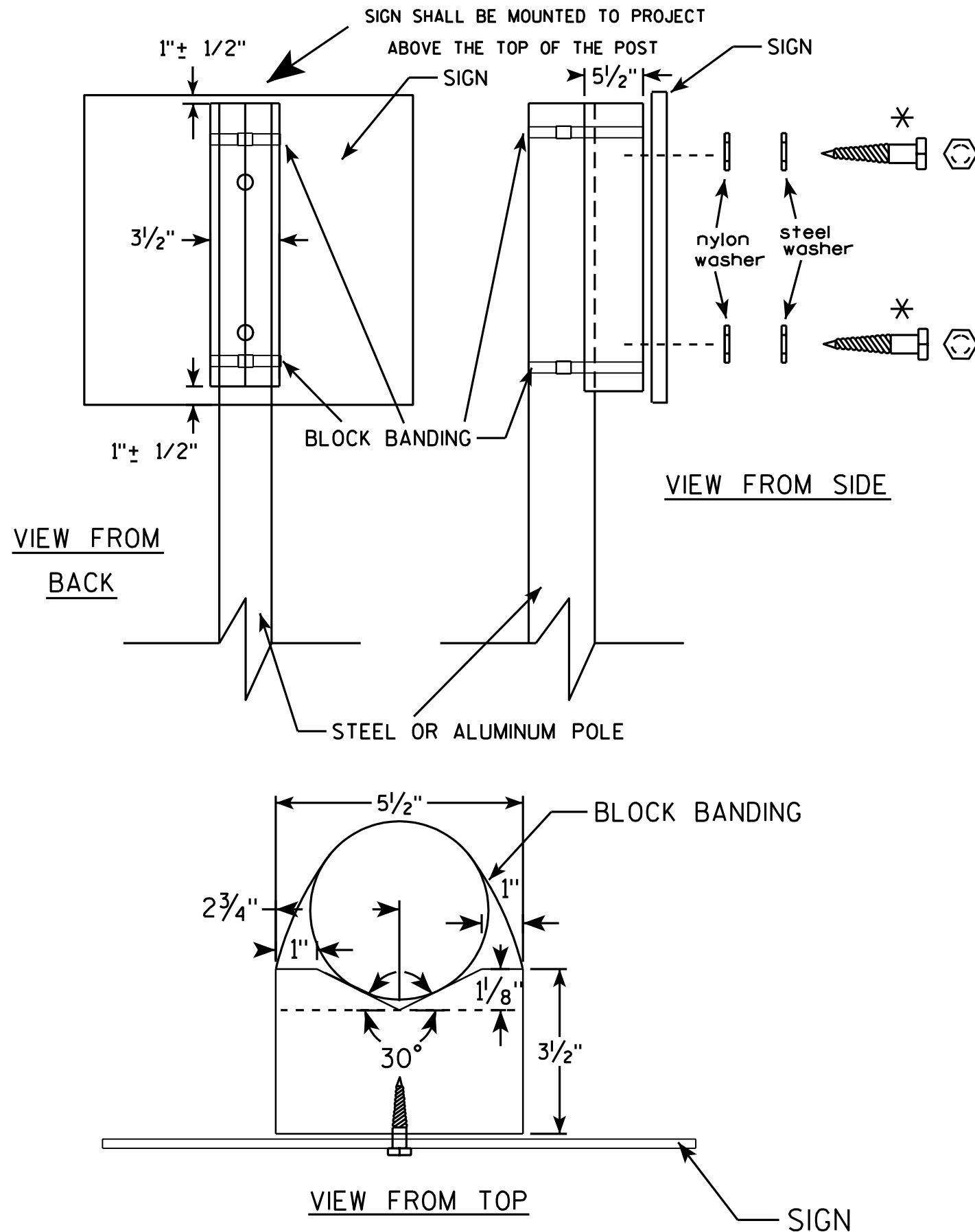
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



### GENERAL NOTES

1. WOOD 4"x6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WISDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, 3/4" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORMALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
  - a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D, or
  - b. Cadmium plated in accordance with ASTM Designation : B 766 TYPE 3, Class 12, or
  - c. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1 1/4" O.D. X 3/8" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1 1/4" O.D. X 3/8" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✱ LAG BOLTS SHALL BE 3/8" X 2 1/2"

BLOCK BANDING DETAIL  
( V-BLOCK OPTION )

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

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

PROJECT NO:

SHEET NO:

E

[illegible]

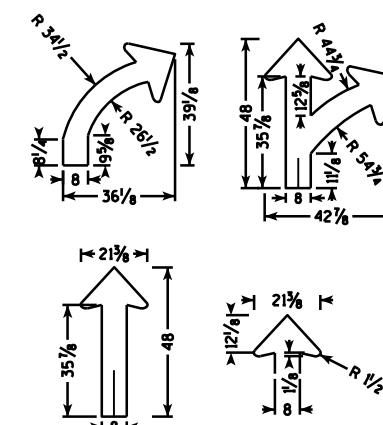
1. All signs shall have 12" LC/16" UC message copy, Series E Modified. All Cap letters are 10" Series E.
2. Vertical spacing shall be as shown in the typical. Note the differences between the various marker heads, and the associated spacings.
3. The sign code for these signs is normally E7 Series.

## BORDER

60 - 150 sq. ft. = 2" Border  
Over 150 sq. ft. = 3" Border

6' - 8' High = 9" Radius  
Over 8' High = 12" Radius

- Adjust spacing to achieve proper balance



APPROVED Matthew R Rauch  
for Director, Office of Traffic  
DATE 3/2/2012 PLATE NO. A11-18

DATE 3/2/2012 PLATE NO. A11-18.1

PROJECT NO:

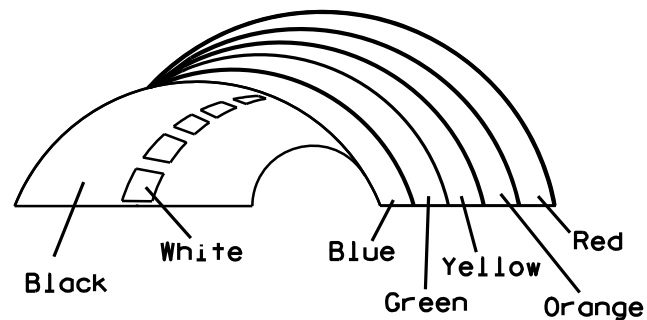
SHEET NO:

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:

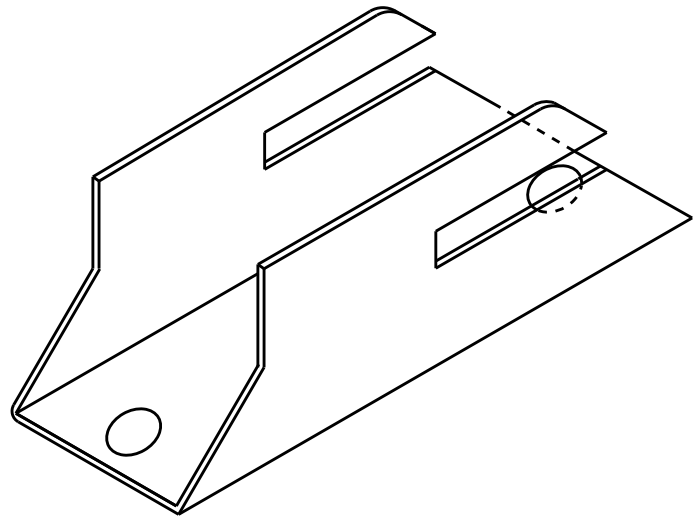
STANDARD SIGN  
I55-56

WISCONSIN DEPT OF TRANSPORTATION

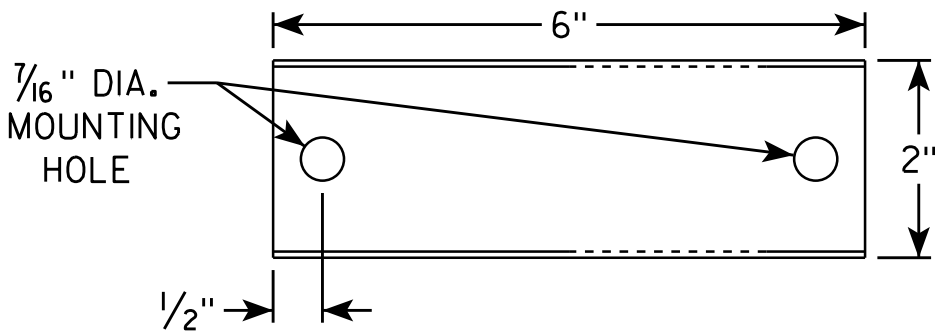
APPROVED *Matthew R. Rauch*  
For State Traffic Engineer

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

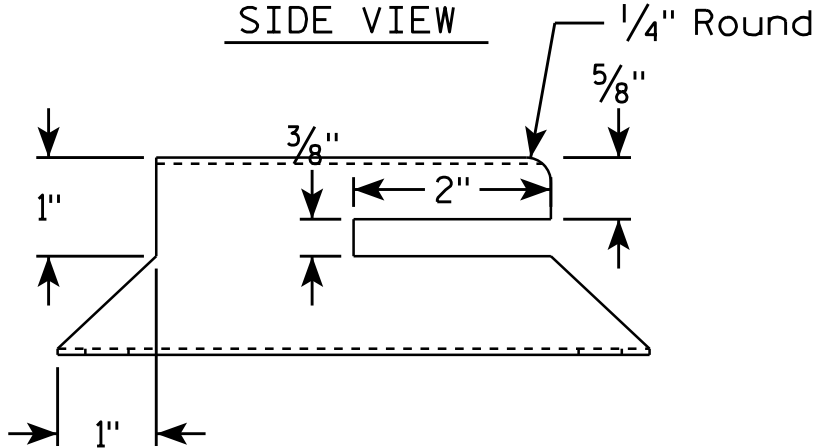
ISOMETRIC VIEW



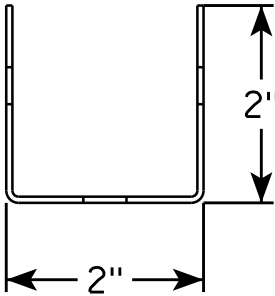
TOP VIEW



SIDE VIEW



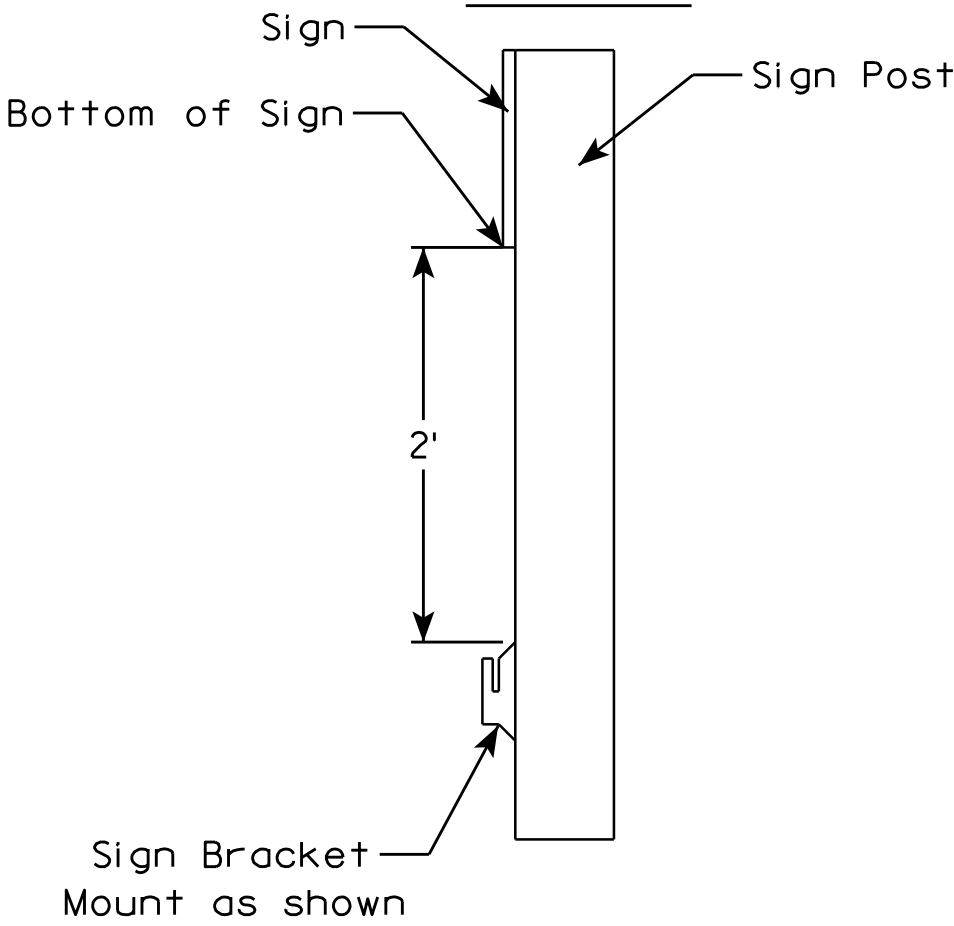
END VIEW



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.

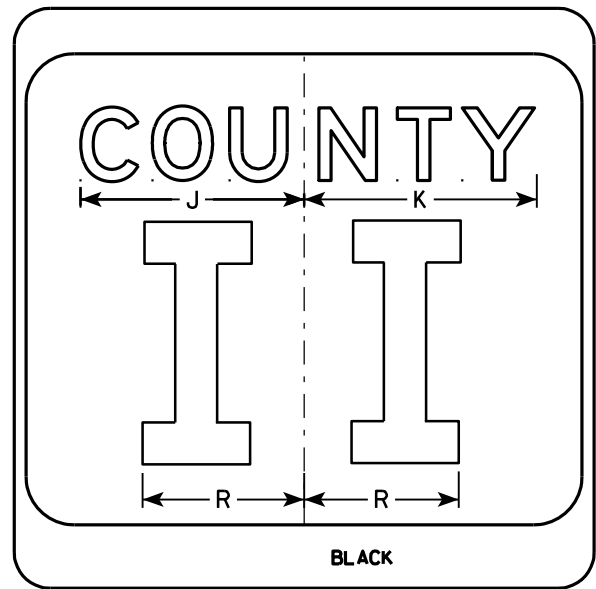
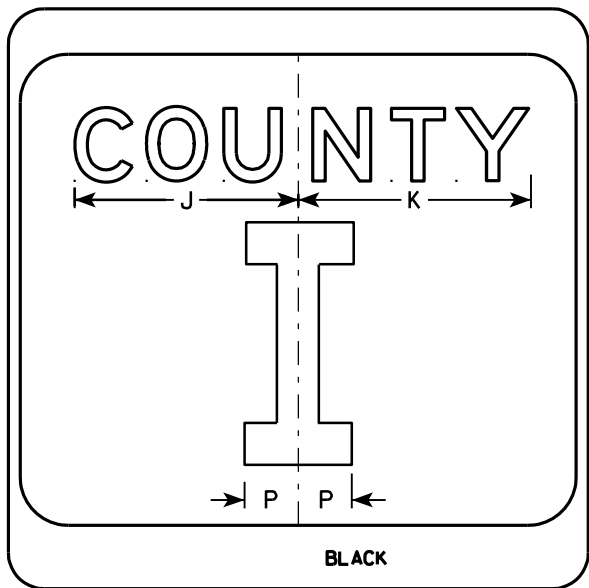
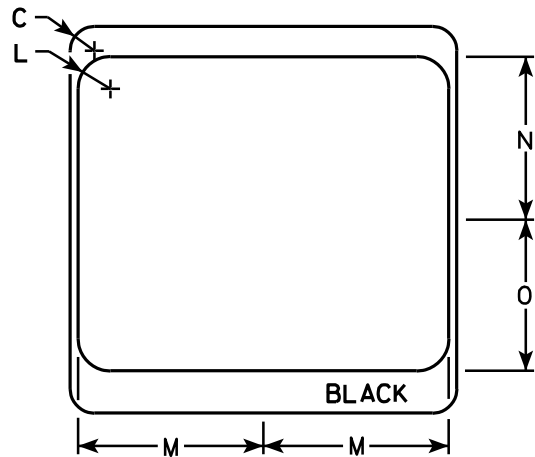
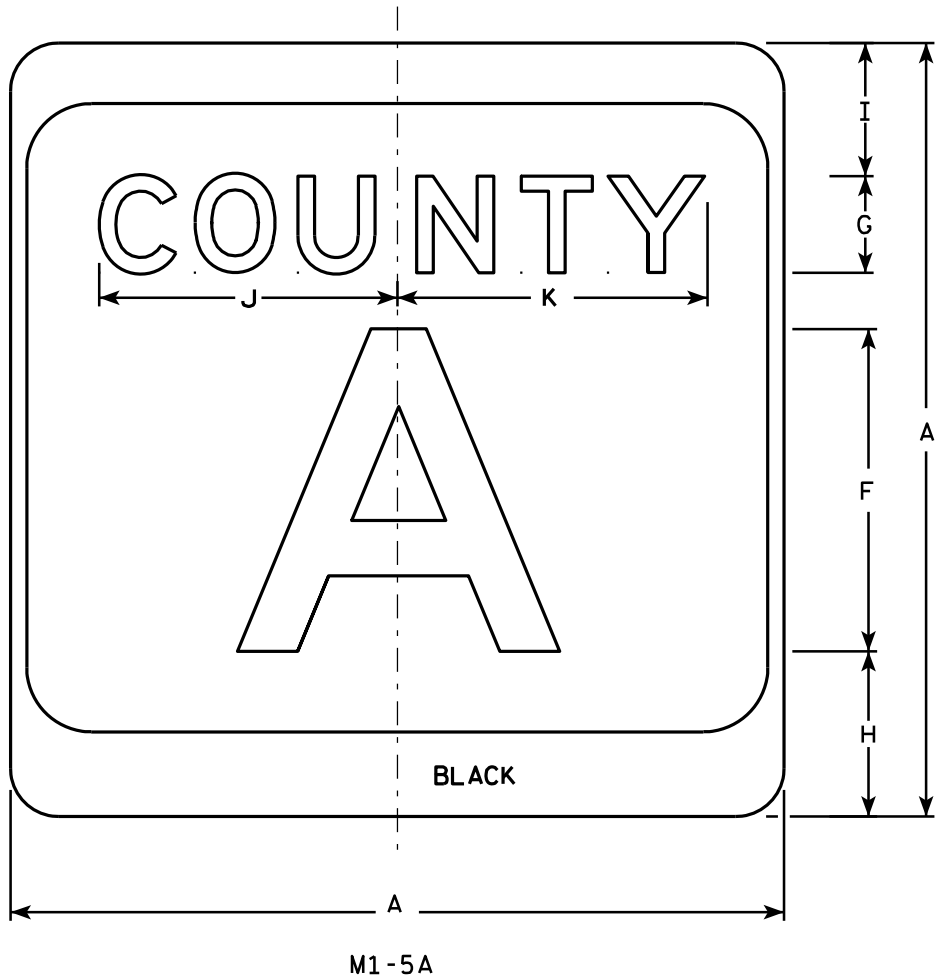
SIDE VIEW



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

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 *Matthew R. Rauch*  
for State Traffic Engineer

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

PROJECT NO:

HWY:

COUNTY:

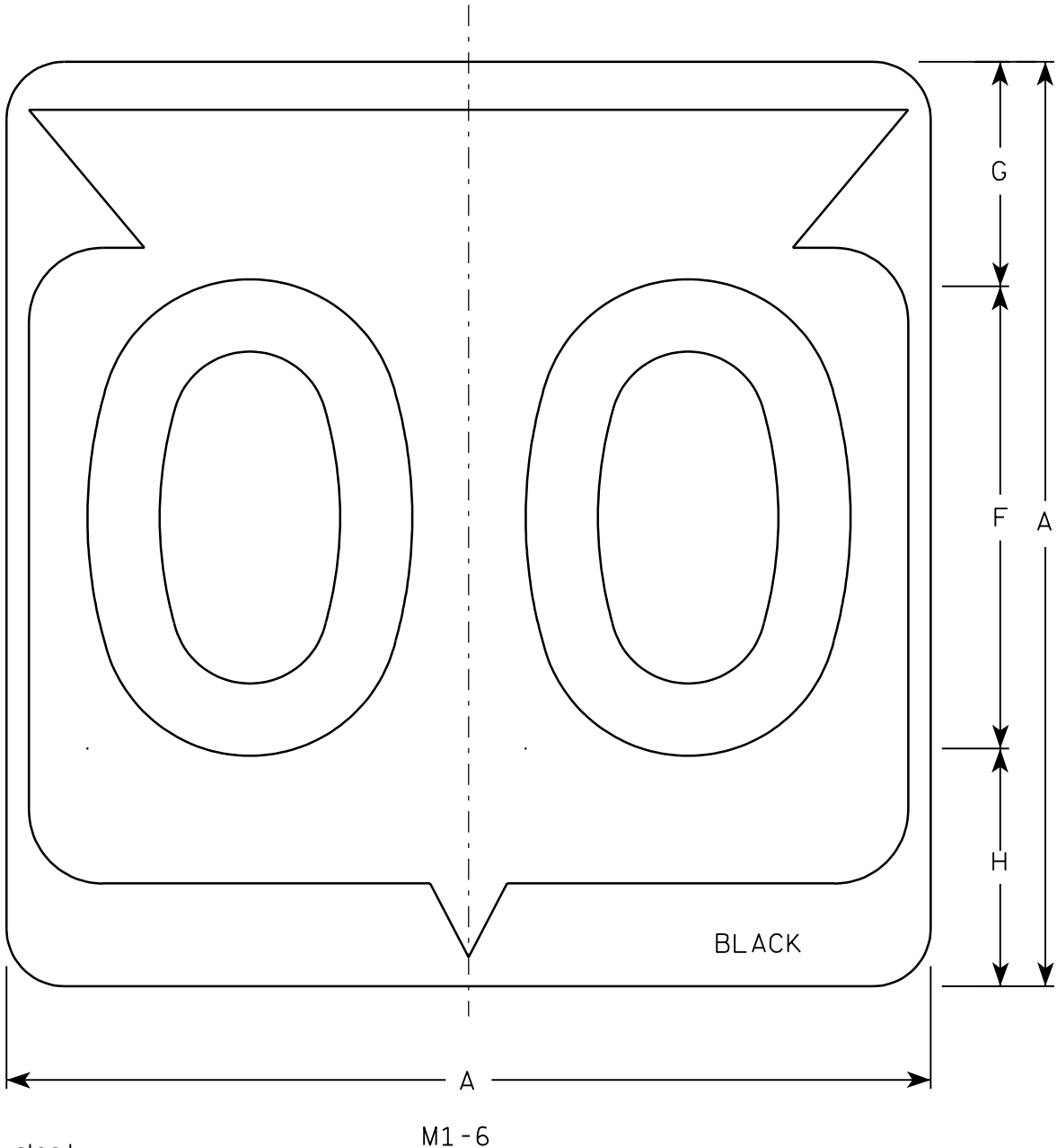
SHEET NO:

E

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 m <sup>2</sup>
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

FILE NAME : C:\Users\Projects\tr\_stdp\late\M16.DGN

PLOT DATE : 13-OCT-2005 14:55

PLOT BY : DITJPH

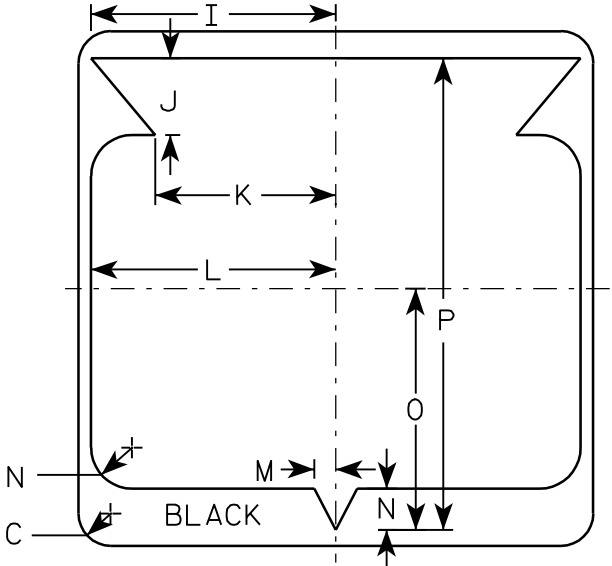
PLOT NAME :

PLOT SCALE : 6.715871:1.000000

WISDOT/CADDs SHEET 42

NOTES

1. Sign is Type II - See Note 6 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - White & Black - See Note 6  
Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate Series numerals and adjust spacing as per plate A10-1.
6. Permanent Signs  
Background - Type H Reflective  
Detour or temporary Signs  
Background - Reflective



STATE ROUTE MARKER  
M1-6 FOR ASSEMBLIES

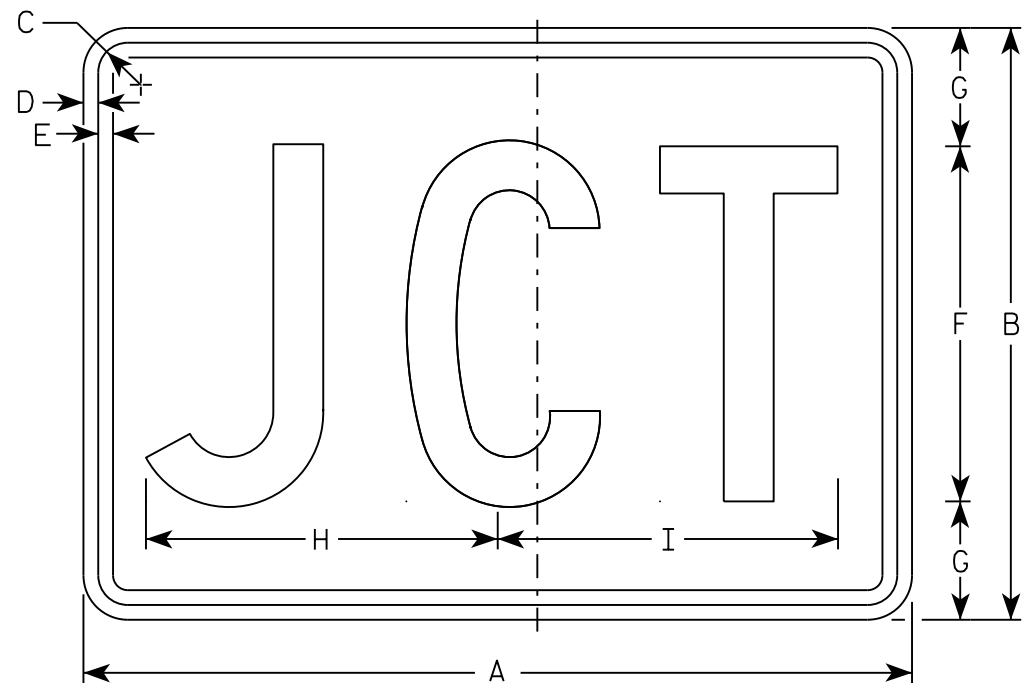
WISCONSIN DEPT OF TRANSPORTATION

APPROVED

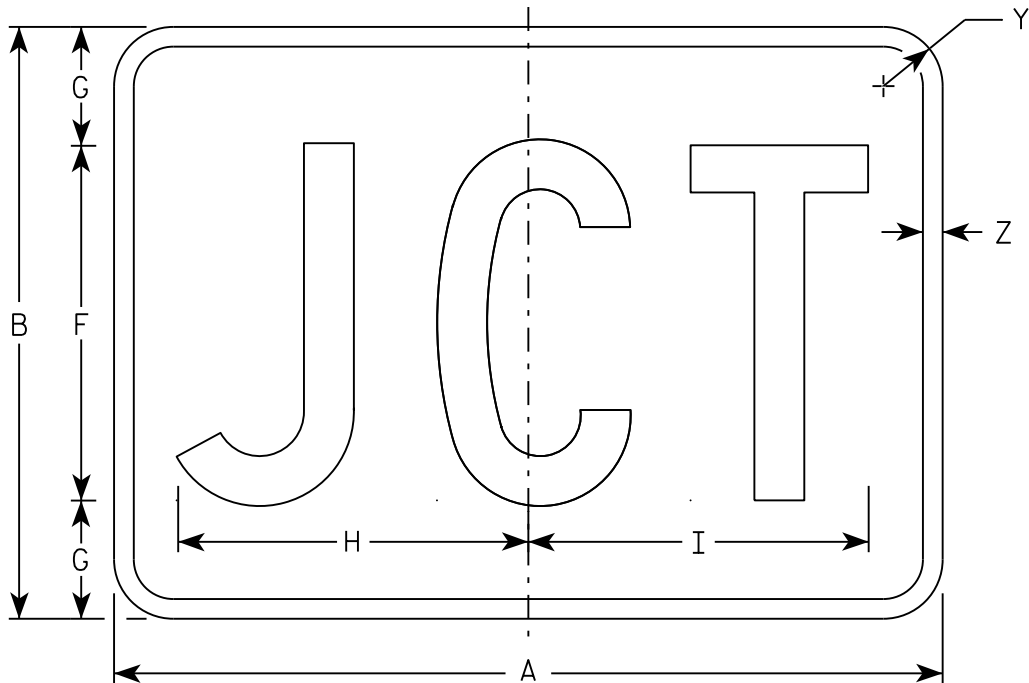
*Chester J. Spang*  
for State Traffic Engineer

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

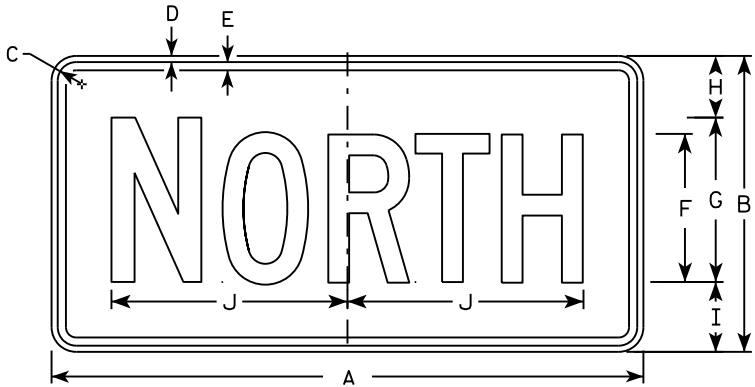
APPROVED

Matthew R. Rauch

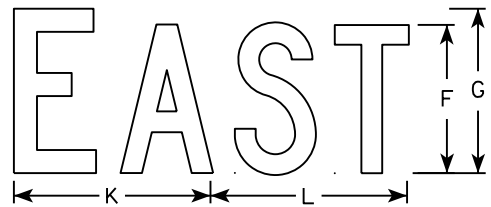
For State Traffic Engineer

DATE 10/15/15

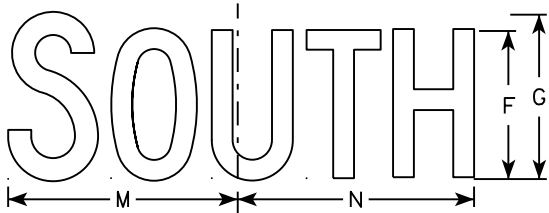
PLATE NO. M2-1.12



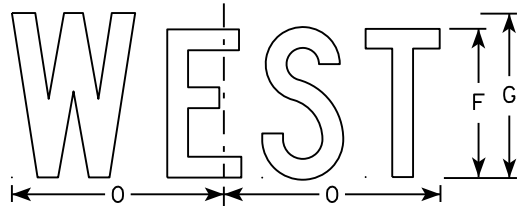
M3-1  
MM3-1  
MP3-1



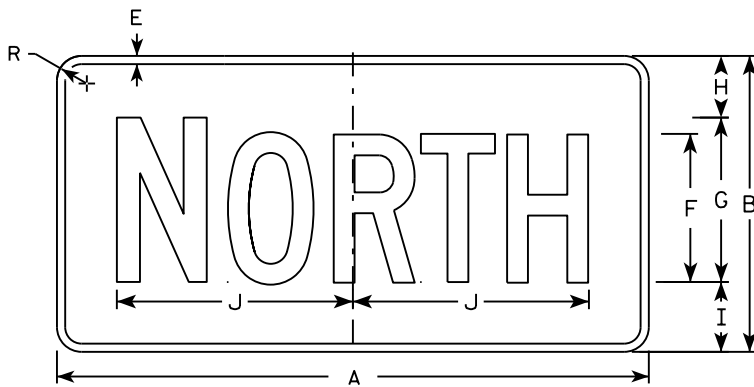
M3-2  
MM3-2  
MP3-2



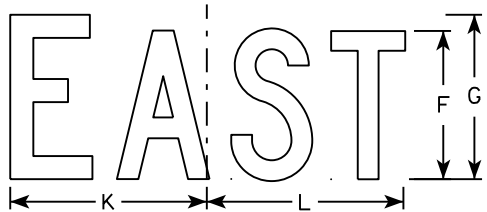
M3-3  
MM3-3  
MP3-3



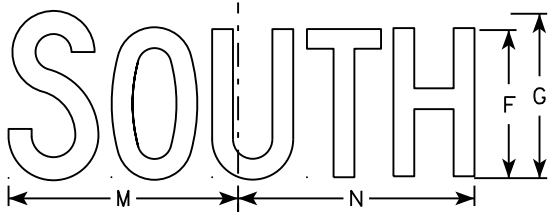
M3-4  
MM3-4  
MP3-4



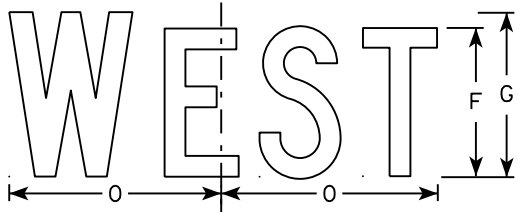
MB3-1  
MK3-1  
MN3-1



MB3-2  
MK3-2  
MN3-2



MB3-3  
MK3-3  
MN3-3



MB3-4  
MK3-4  
MN3-4

NOTES

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

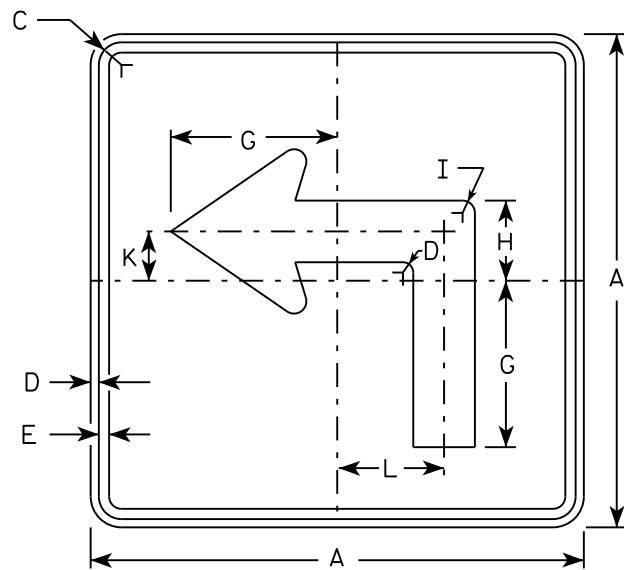
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8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

STANDARD SIGNS  
M3-1 thru M3-4  
SERIES

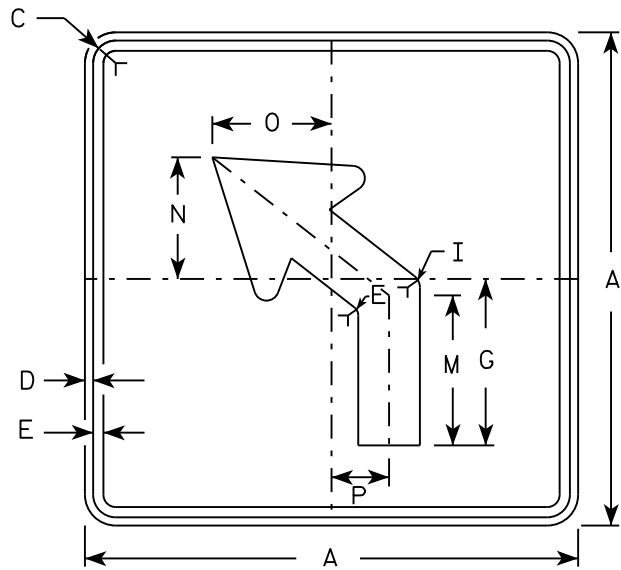
WISCONSIN DEPT OF TRANSPORTATION

APPROVED  
*Matthew R. Rauch*  
for State Traffic Engineer

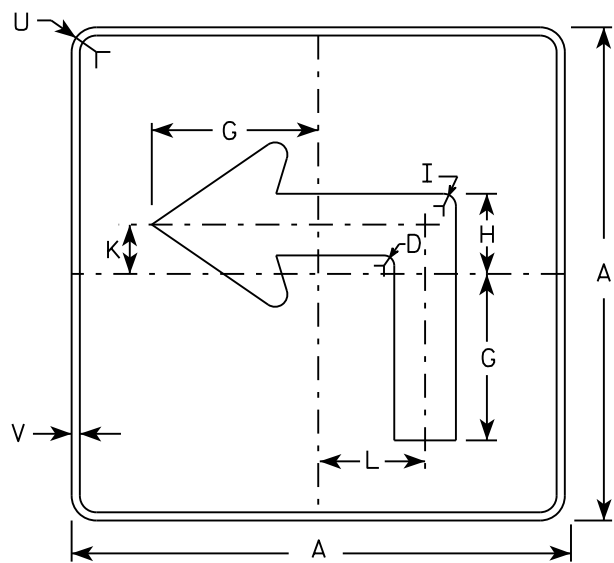
DATE 10/15/15 PLATE NO. M3-1.14



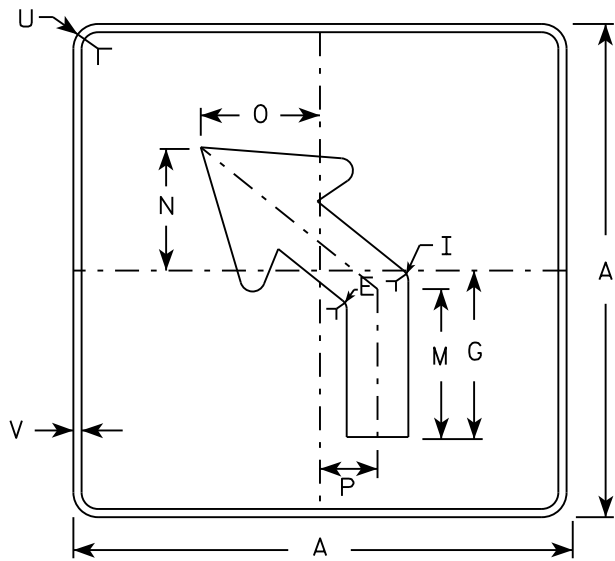
M5-1L  
MM5-1L  
M05-1L  
MP5-1L



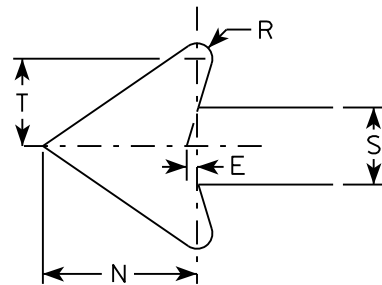
M5-2L  
MM5-2L  
M05-2L  
MP5-2L



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



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



NOTES

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

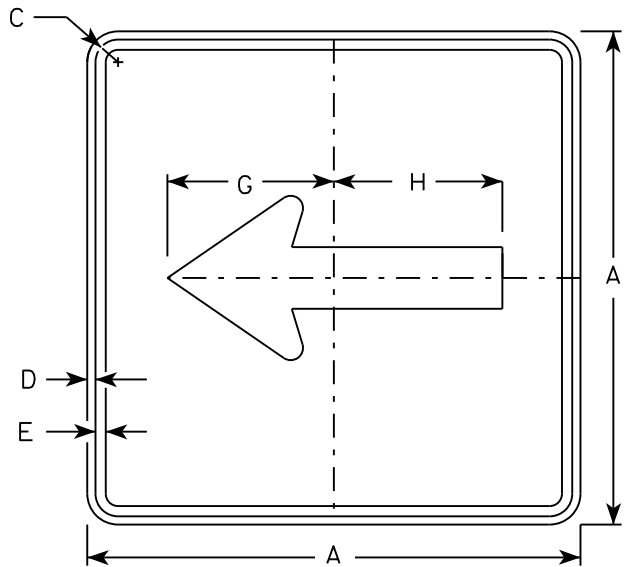
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25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

STANDARD SIGN  
M5-1 & M5-2

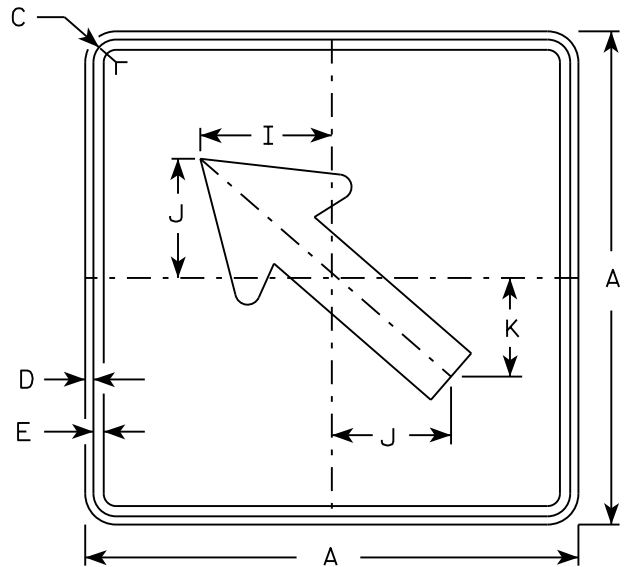
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

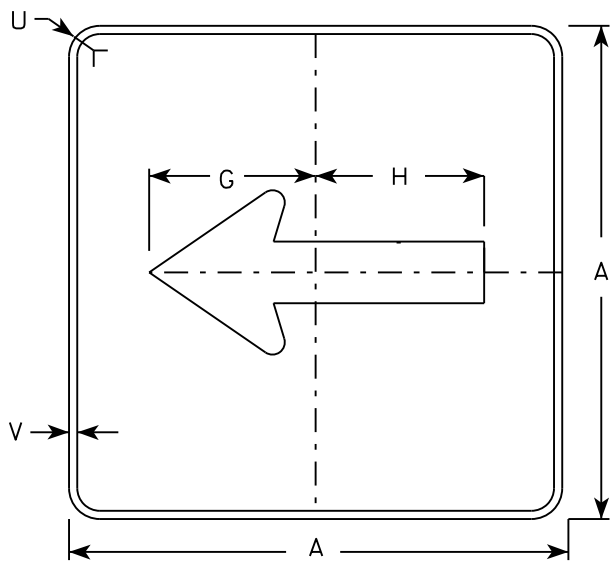
DATE 10/15/15 PLATE NO. M5-1.13



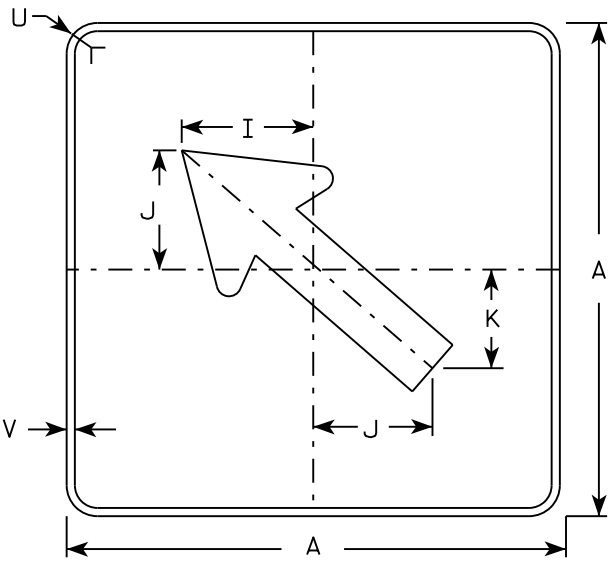
M6 - 1  
MM6 - 1  
M06 - 1  
MP6 - 1



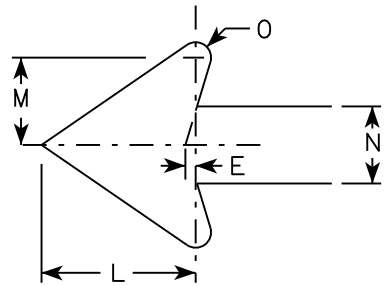
M6 - 2  
MM6 - 2  
M06 - 2  
MP6 - 2



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



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



NOTES

- 1. Signs are Type II - Type H except as Shown
- 2. Color:  
Background - See note 4  
Message - See note 4
- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. M6-1 and M6-2 Background - White  
Message - Black  
MB6-1 and MB6-2 Background - Blue  
Message - White  
MK6-1 and MK6-2 Background - Green  
Message - White  
MM6-1 and MM6-2 Background - White  
Message - Green  
MN6-1 and MN6-2 Background - Brown  
Message - White  
M06-1 and M06-2 Background - Orange - Type F Reflective  
Message - Black  
MP6-1 and MP6-2 Background - White  
Message - Blue  
MR6-1 and MR6-2 Background - Brown  
Message - Yellow

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

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

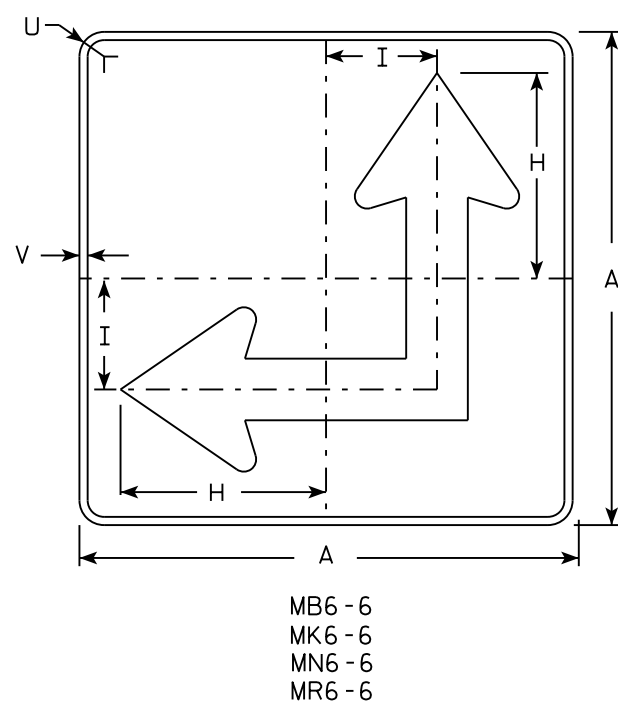
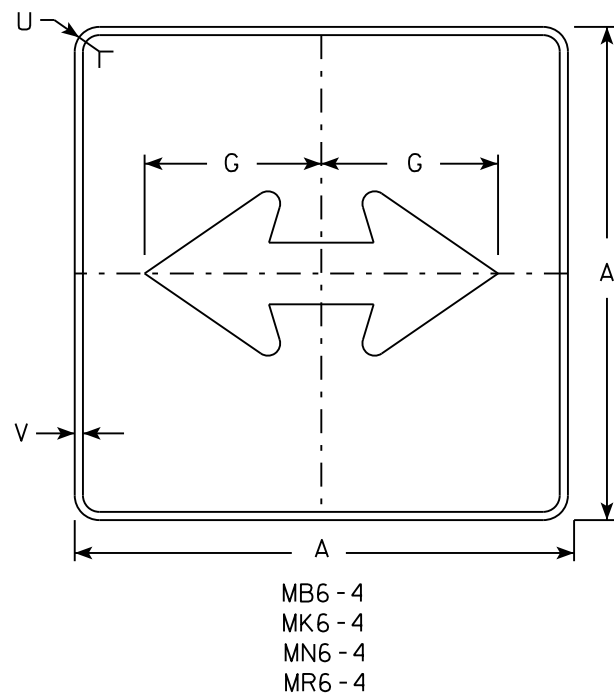
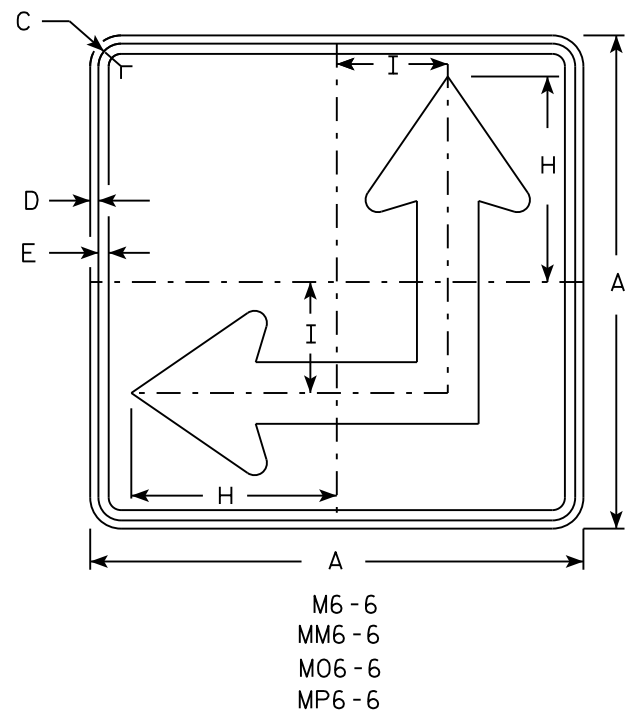
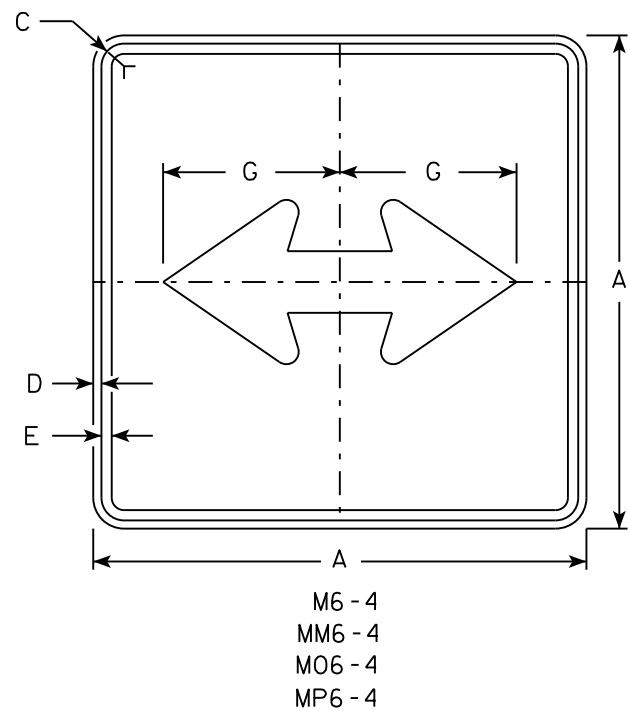
E

STANDARD SIGN  
M6 - 1 & M6 - 2  
SERIES

WISCONSIN DEPT OF TRANSPORTATION

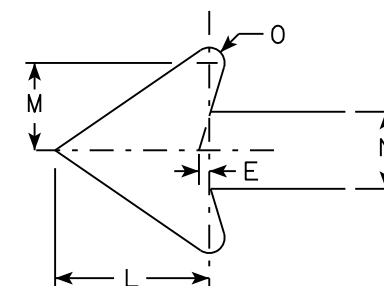
APPROVED  
*Matthew R. Rauch*  
for State Traffic Engineer

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



NOTES

- Signs are Type II - Type H except as Shown
- Color:  
Background - See Note 4  
Message - See Note 4
- Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- M6-4 and M6-6 Background - White  
Message - Black  
MB6-4 and MB6-6 Background - Blue  
Message - White  
MK6-4 and MK6-6 Background - Green  
Message - White  
MM6-4 and MM6-6 Background - White  
Message - Green  
MN6-4 and MN6-6 Background - Brown  
Message - White  
M06-4 and M06-6 Background - Orange - Type F Reflective  
Message - Black  
MP6-4 and MP6-6 Background - White  
Message - Blue  
MR6-4 and MR6-6 Background - Brown  
Message - Yellow
- M6-6R same as M6-6L except arrow points ahead and right.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25

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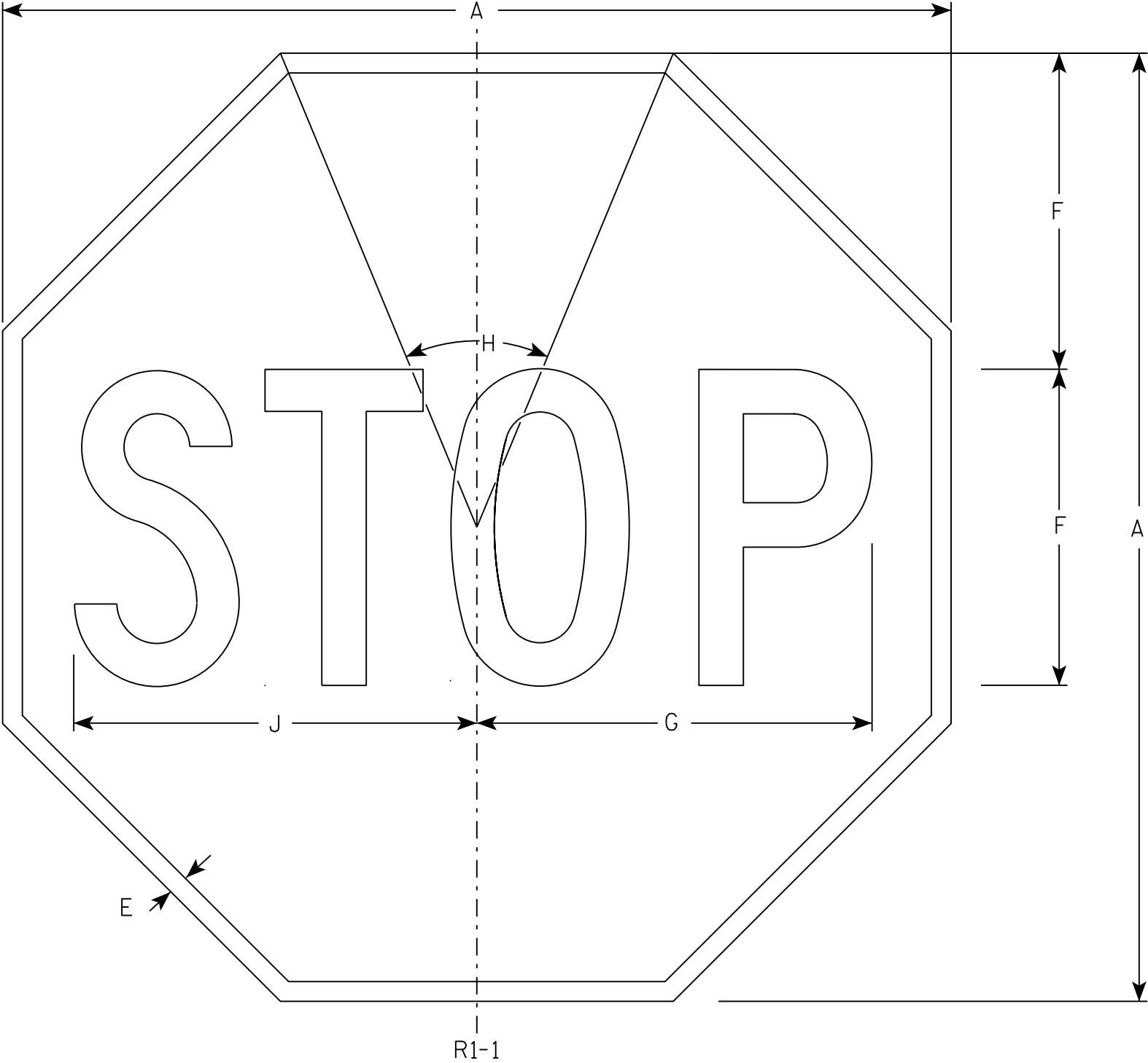
STANDARD SIGN  
M6 - 4 & M6 - 6  
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 10/15/15      PLATE NO. M6-4.10

7



NOTES

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

7

R1-1

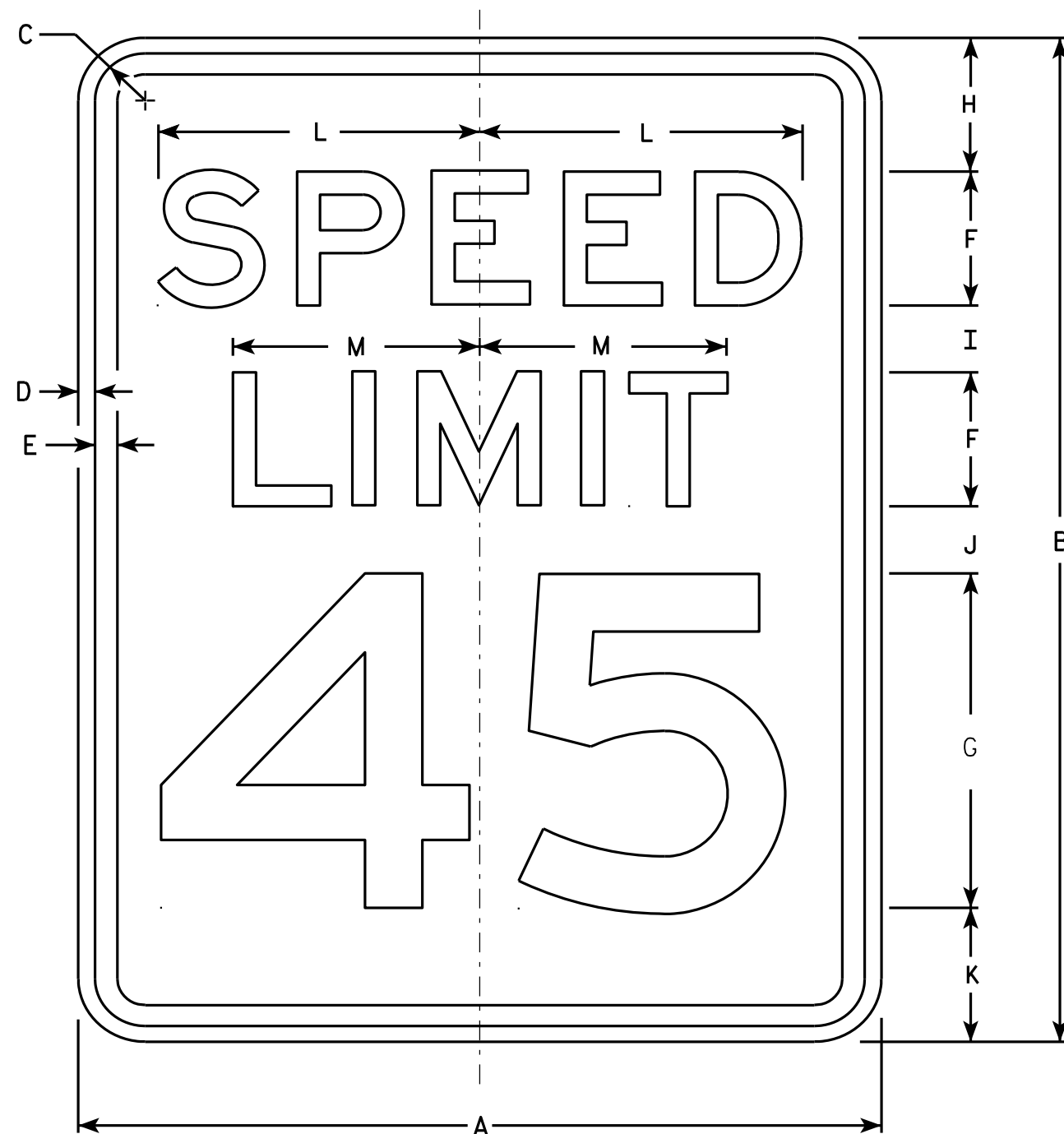
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		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





R2-6P

NOTES

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

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	18	1 1/8	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
2M	24	18	1 1/8	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
3	36	24	1 1/8	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
4	36	24	1 1/8	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
5	48	36	1 3/8	1/2	5/8	8	7	6	15 1/8	19																	12.0

STANDARD SIGN  
R2-6P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 12/20/10 PLATE NO. R2-6P.2

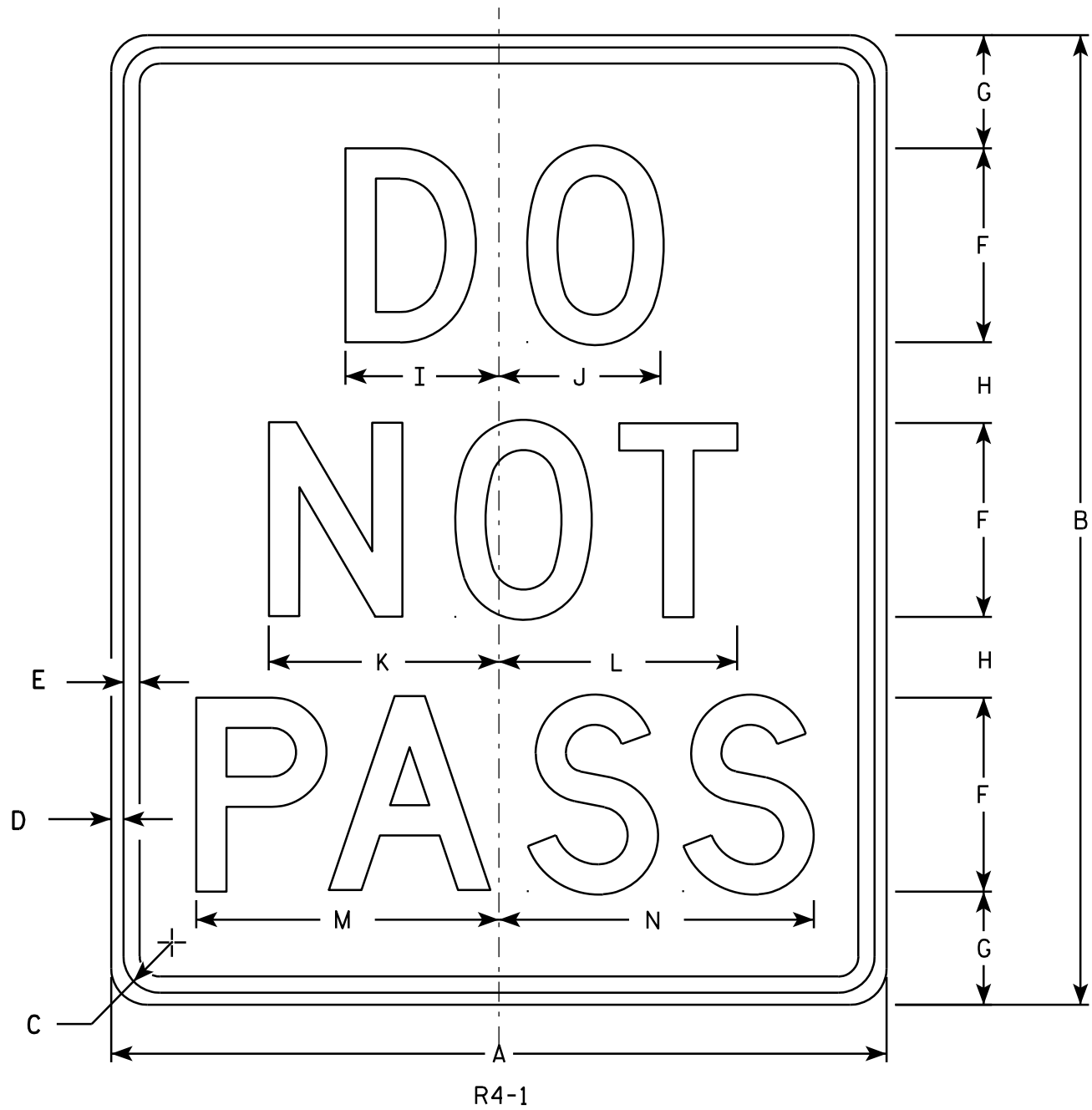
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



NOTES

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

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	4	3 1/2	2 1/2	3 1/8	3 1/4	4 3/4	4 7/8	6 1/4	6 1/2													3.0
2S	24	30	1 1/8	3/8	1/2	6	3 1/2	2 1/2	4 3/4	5	7 1/8	7 3/8	9 3/8	9 3/4													5.0
2M	24	30	1 1/8	3/8	1/2	6	3 1/2	2 1/2	4 3/4	5	7 1/8	7 3/8	9 3/8	9 3/4													5.0
3																											
4	36	48	1 5/8	5/8	3/4	8	7	5	6 1/4	6 5/8	9 1/2	9 3/4	12 1/2	13													12.0
5	48	60	2 1/4	3/4	1	10	8	7	7 3/4	8 3/8	11 7/8	12 1/4	15 5/8	16 1/4													20.0

STANDARD SIGN  
R4 - 1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-1.7

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

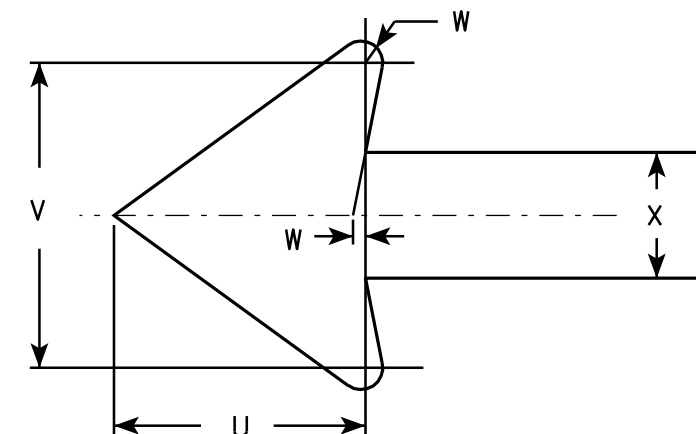
E



R7-1

### NOTES

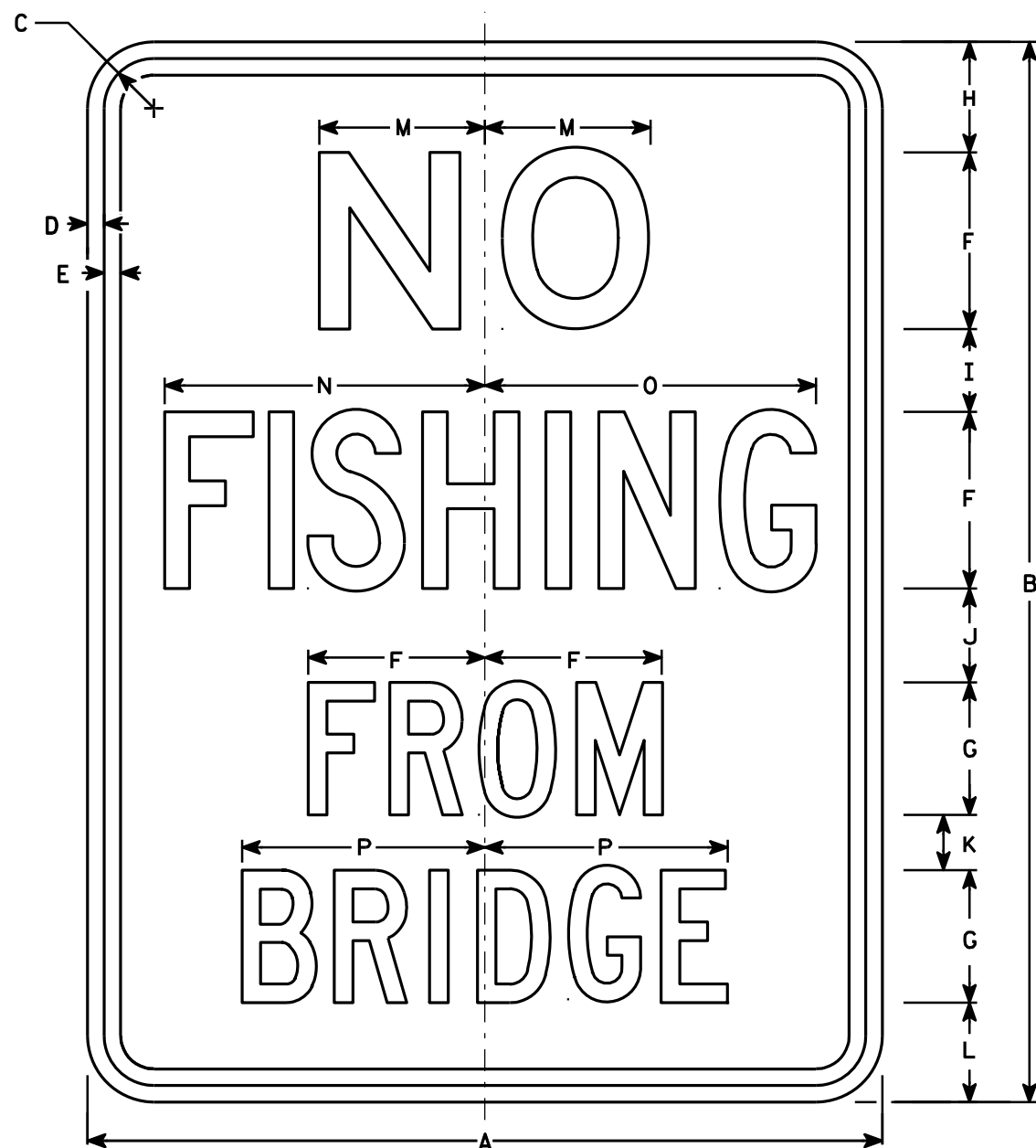
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - White  
Message - Red
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1, 3 and 4 are series C, line 2 is series B.
6. R7-1D (double arrow)  
R7-1L (left arrow)  
R7-1R (right arrow)



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 1/8	3/8	3/8	3	1 7/8	2	7/8	5/8	1 1/2	2 1/2	2	2	4 7/8	4 7/8	2 1/4	2 1/8	2 1/2	3 7/8	1 1/2	1 3/4	1/8	3/4			1.5
2S	18	24	1 1/8	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	2 3/4	2 5/8	3 1/8	5 7/8	2 1/4	2 5/8	1/4	1 1/8			3.0
2M	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
3	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
4																											
5																											

STANDARD SIGN R7-1	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> for State Traffic Engineer
DATE 3/31/2011	PLATE NO. R7-1.9

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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R9-55

### 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 - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series E.  
Lines 2, 3 and 4 are 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																											
2S	18	24	1 1/8	3/8	1/2	4	3	2 1/2	1 7/8	2 1/8	1 1/4	2 1/4	3 3/4	7 1/4	7 1/2	5 1/2											3.0
2M	18	24	1 1/8	3/8	1/2	4	3	2 1/2	1 7/8	2 1/8	1 1/4	2 1/4	3 3/4	7 1/4	7 1/2	5 1/2											3.0
3																											
4																											
5																											

### STANDARD SIGN R9-55

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
For State Traffic Engineer

DATE 4/4/2011 PLATE NO. R9-55.6

PROJECT NO:

HWY:

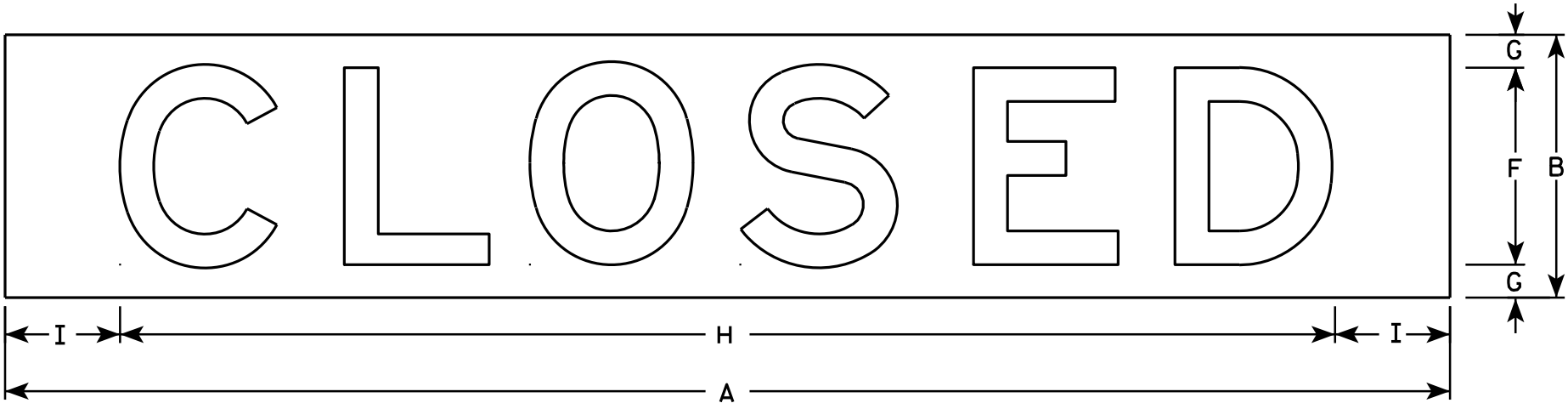
COUNTY:

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 - Yellow  
Message - Black
- 3. Message Series - E
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. This plaque to be used with the D5-61& D5-62 for wayside closures.



R55 -58A

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

STANDARD SIGN  
R55 -58A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

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

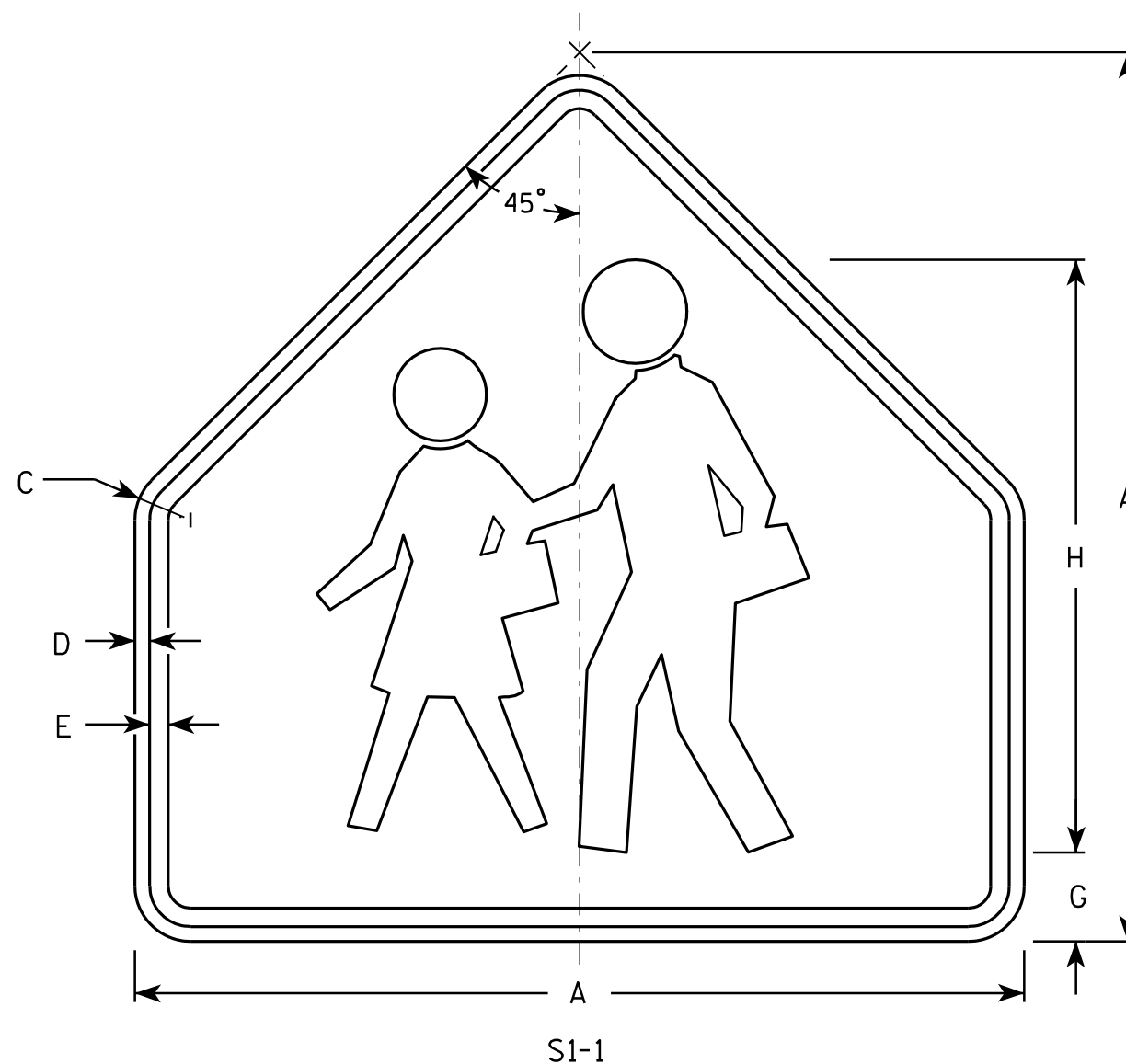
PROJECT NO:

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-Green  
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.

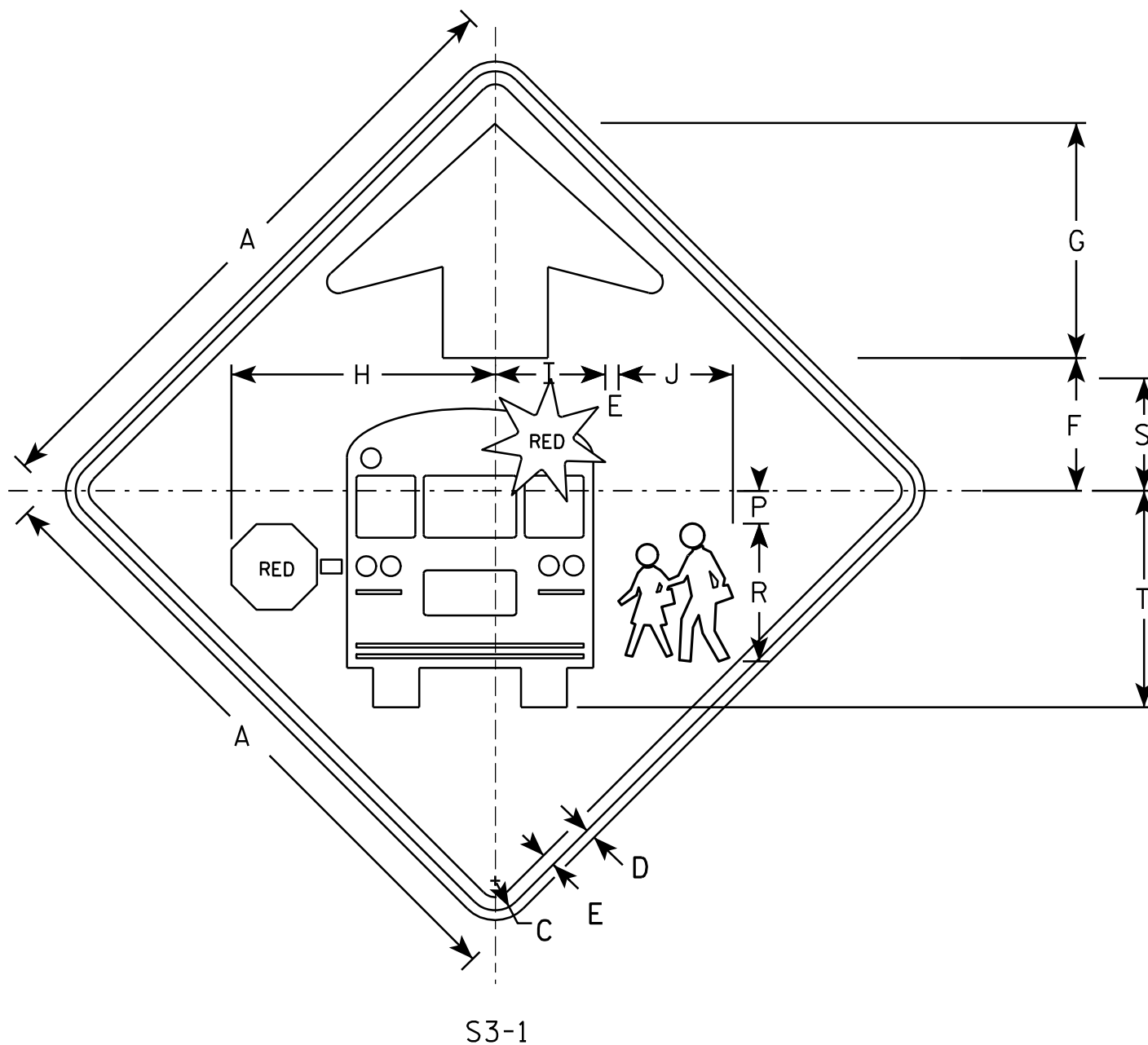
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		3	20																			4.69
2	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
3	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
4	48		2 1/4	3/4	1		4 3/4	32																			12
5																											

STANDARD SIGN  
S1-1

WISCONSIN DEPT OF TRANSPORTATION

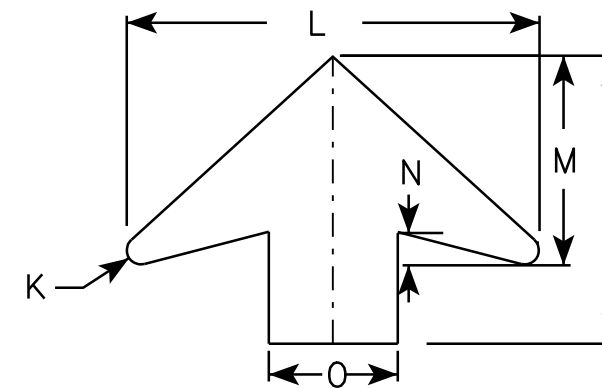
APPROVED Matthew R. Rauch  
for State Traffic Engineer  
DATE 6/30/05 PLATE NO. S1-1.8

PROJECT NO: HWY: COUNTY: SHEET NO: E



## NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
  - Background - YELLOW-GREEN
  - Message - BLACK except as noted
  - Circles except PEDS- RED BACKGROUND
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

[illegible]

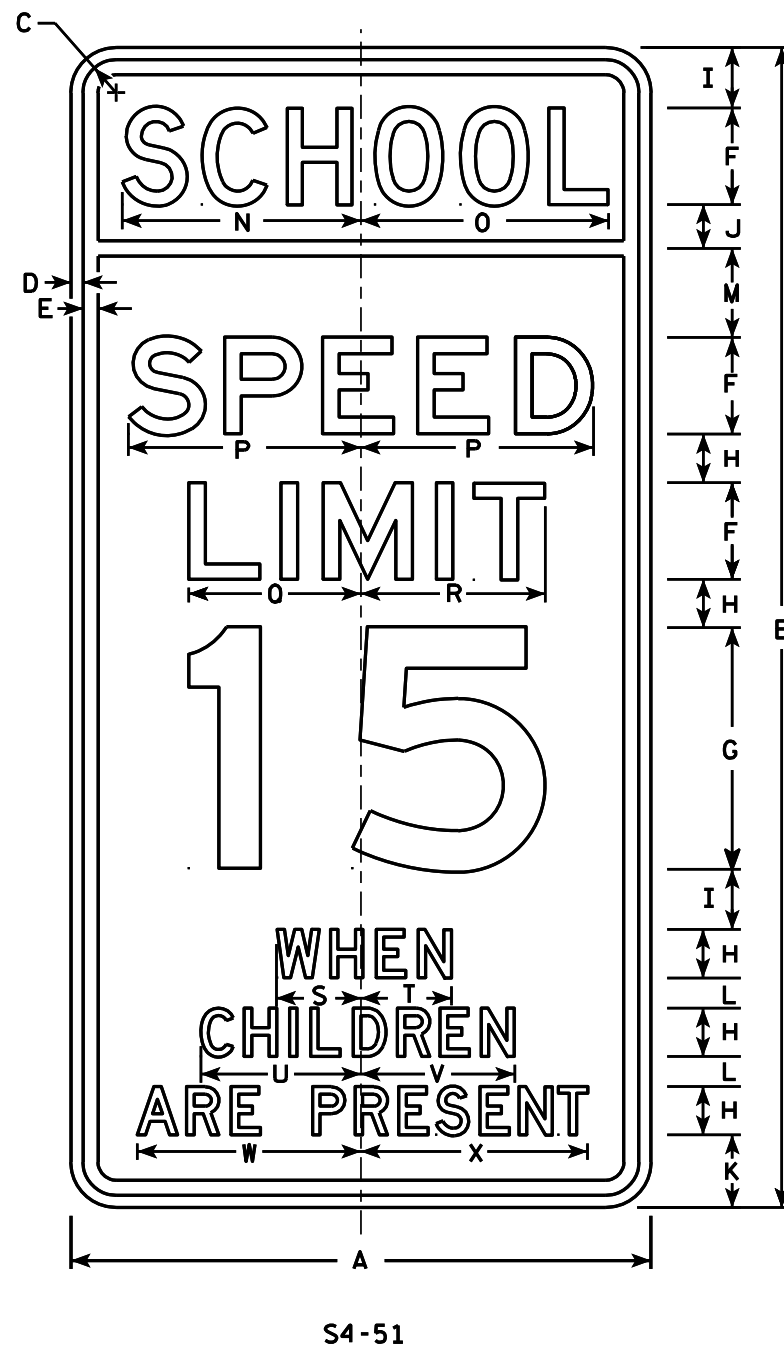
STANDARD SIGN	
S3-1	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<u>Matthew R. Rauch</u> for State Traffic Engineer
DATE <u>6/8/10</u>	PLATE NO. <u>S3-16</u>

Metric equivalent  
for this sign is:

SIZE	
1	
2	600 mm X 1200 mm
3	900 mm X 1800 mm
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m <sup>2</sup>
1																												
2	24	48	1 ⅜	½	⅝	4	10	2	2 ½	1 ¾	3	1 ¼	3 ¾	9 ⅞	10 ¼	9 ⅝	7 ⅛	7 ⅝	3 ½	3 ⅜	6 ⅝	6 ⅜	9 ¼	9 ⅜			8.00	0.72
3	36	72	2 ¼	¾	1	6	15	3	3 ¾	2 ¾	4 ½	1 ⅞	5 ½	15	15 ¼	14 ½	11 ¼	11 ½	5 ½	5 ¾	10	9 ¾	14	14 ⅛			18.00	1.62
4																												
5																												

PROJECT NO:			HWY:			COUNTY:						SHEET NO:			E
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### NOTES

- Sign is Type II - reference  
WIS DOT Standard Specification for HIGHWAY  
and STRUCTURE CONSTRUCTION latest edition. (See note 5).
- Color:  
Background - See note 5  
Message - Black
- Message Series - See note 6
- 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.
- Top panel (SCH00L) background - Yellow Green -Type F Reflective.  
Lower panel background - White -Type H Reflective.
- From top to bottom:  
Lines 1, 5, 6 & 7 are series D  
Lines 2, 3 & 4 are series E
- Line 4 substitute appropriate numerals and  
adjust spacing to achieve proper balance.

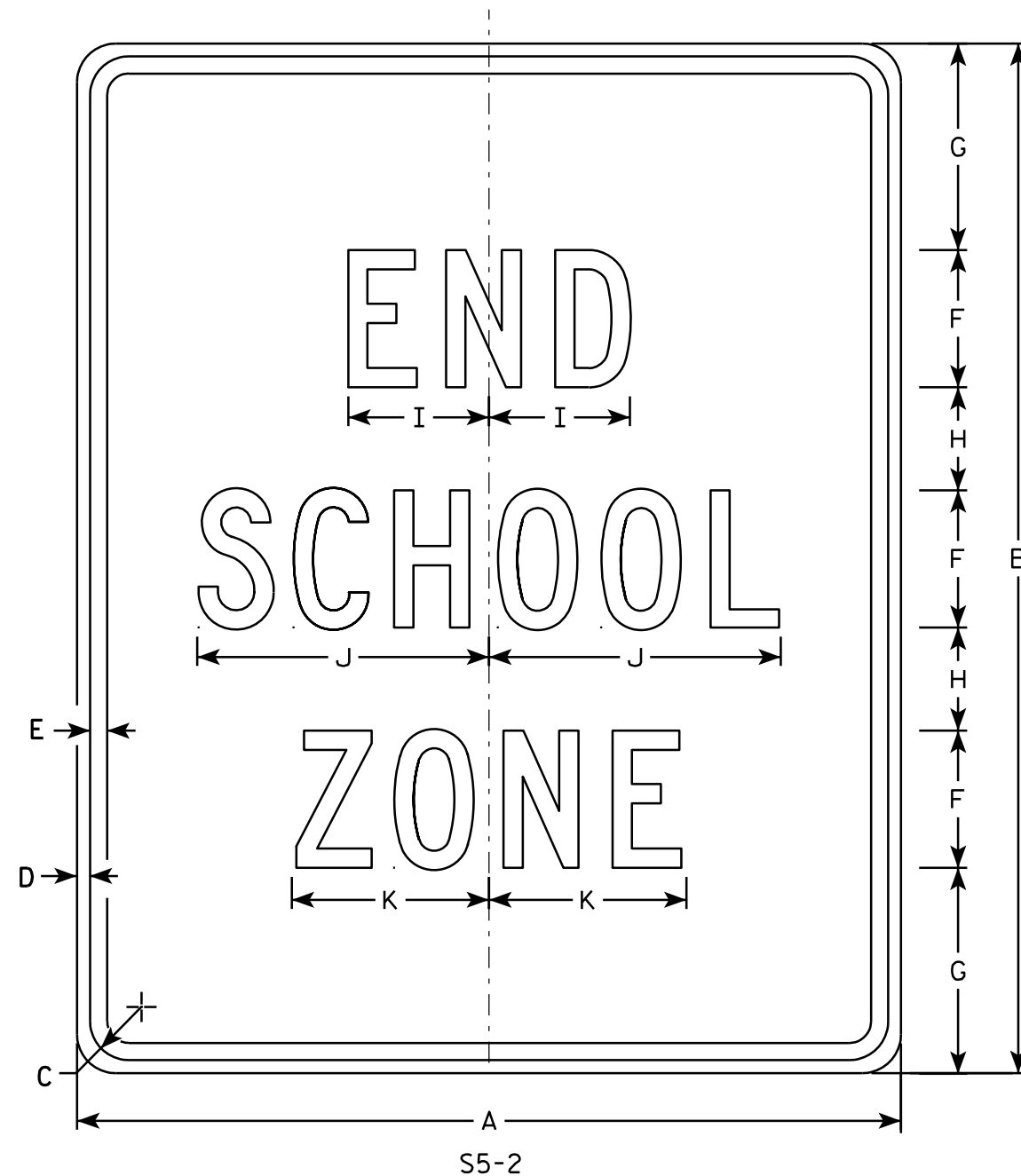
### STANDARD SIGN S4-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
For State Traffic Engineer  
DATE 4/26/10 PLATE NO. S4-51.9



7



### NOTES

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

7

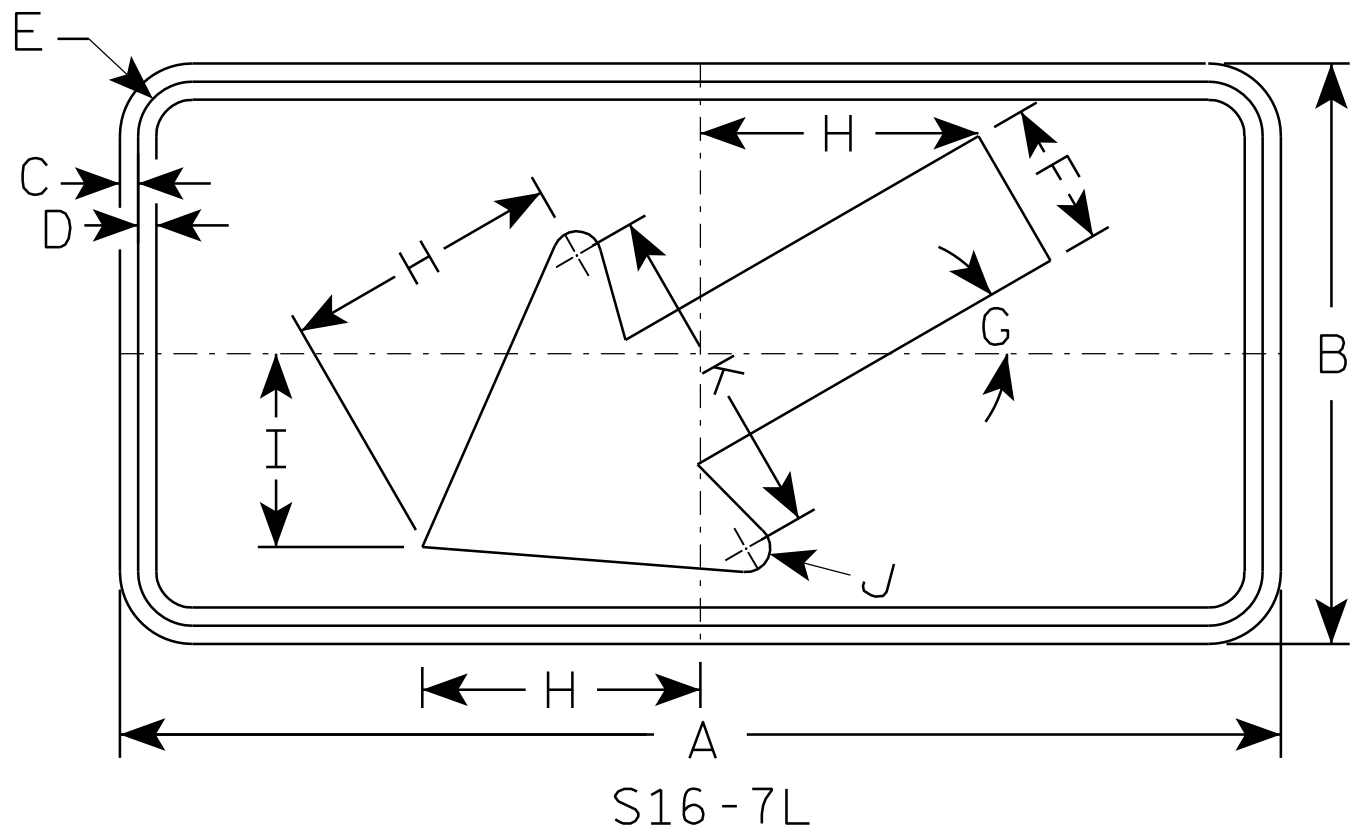
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	v	W	X	Y	Z	Area sq. ft.
1																											
2	24	30	1 1/8	3/8	1/2	4	6	3	4 1/8	8 1/2	5 3/4																5.0
3	36	42	1 5/8	5/8	3/4	6	7	5	6 1/8	12 5/8	8 5/8																10.5
4																											
5																											

STANDARD SIGN S5-2	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> For State Traffic Engineer
DATE 3/8/11	PLATE NO. S5-2.2

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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NOTES

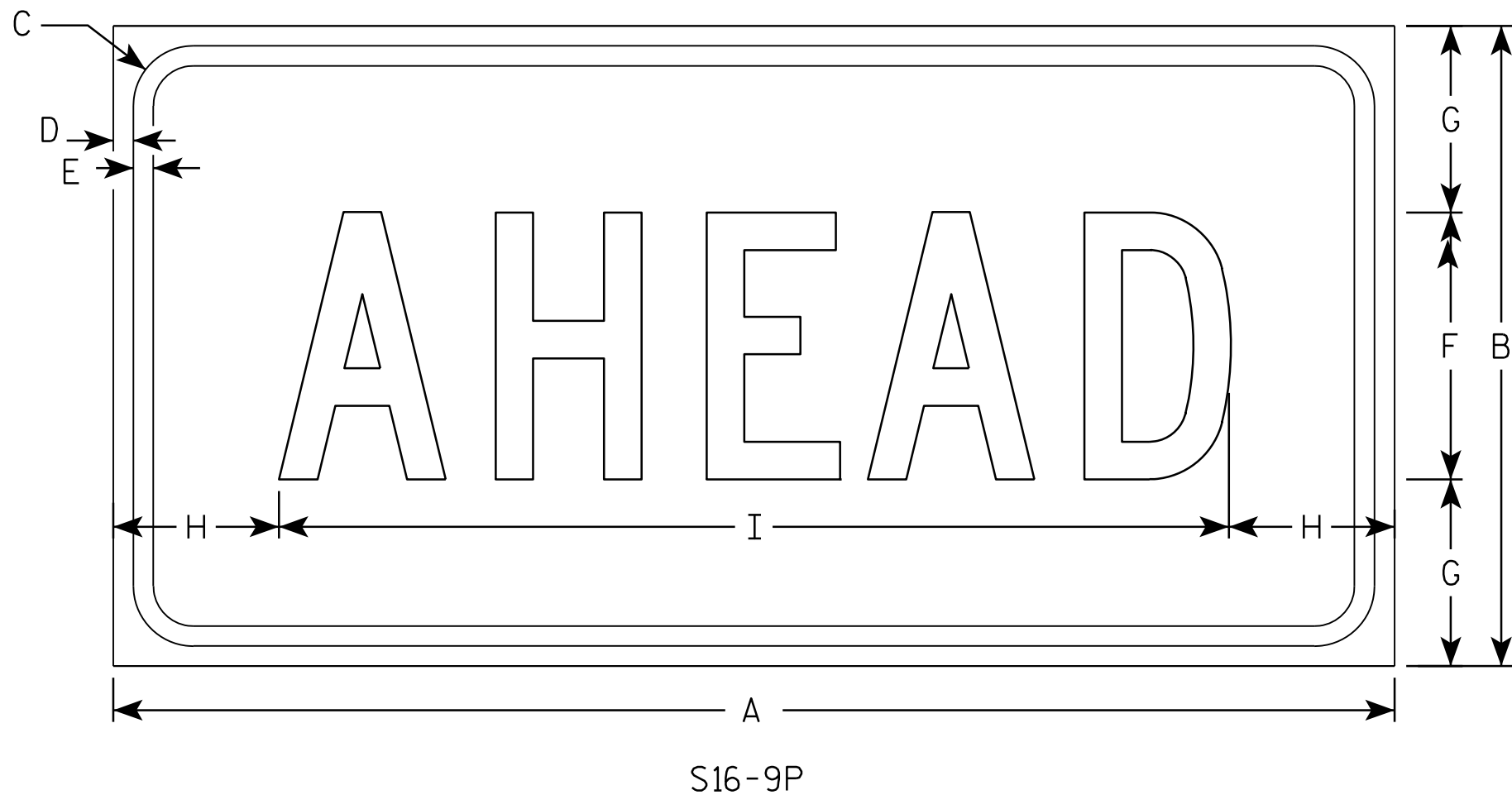
1. Sign is Type II - Type F Reflective -  
reference WIS DOT Standard Specification for  
HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - Yellow-Green  
Message - Black
3. Corners may be square or rounded when base  
material is plywood but borders shall be rounded  
as shown. When base material is metal, the  
corners and borders shall be rounded.
4. S16-7R are the same as  
S16-7L except the arrow is reversed along  
the vertical centerline.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	12	3/8	3/8	1 1/8	3	30°	5 3/4	4	1/2	7																2.0
2S	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
2M	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
3	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
4	48	24	1/2	5/8	1 3/8	6	30°	11 1/2	8	1	14																8.0
5																											

STANDARD SIGN	
S16-7	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> for State Traffic Engineer
DATE 7/22/13	PLATE NO. S16-7.1

7



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-Green  
Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

7

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	12	1 1/8	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
2S	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
2M	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
3	30	18	1 1/8	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
4	48	24	1 3/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
5																											

STANDARD SIGN

S16-9P

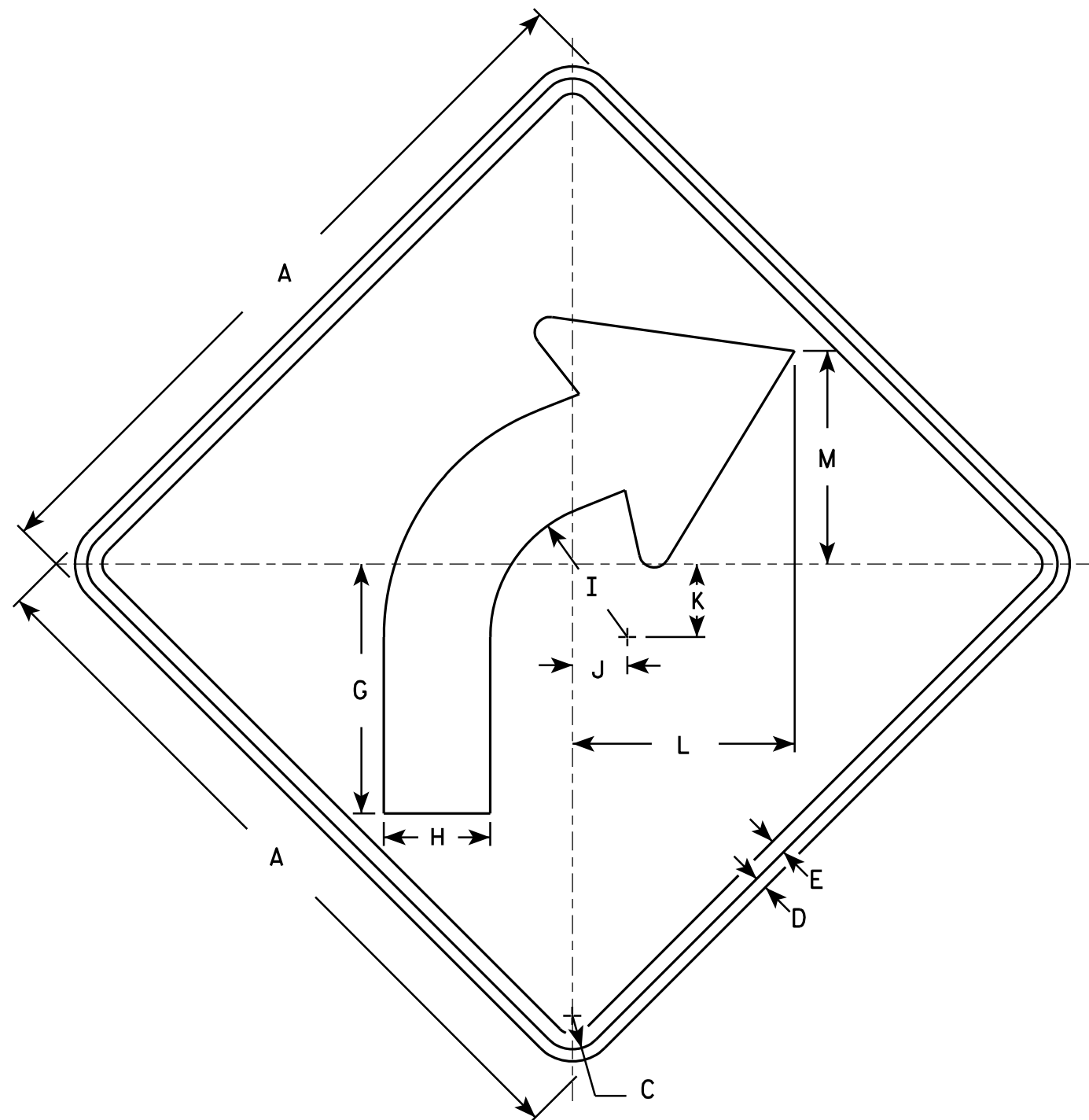
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

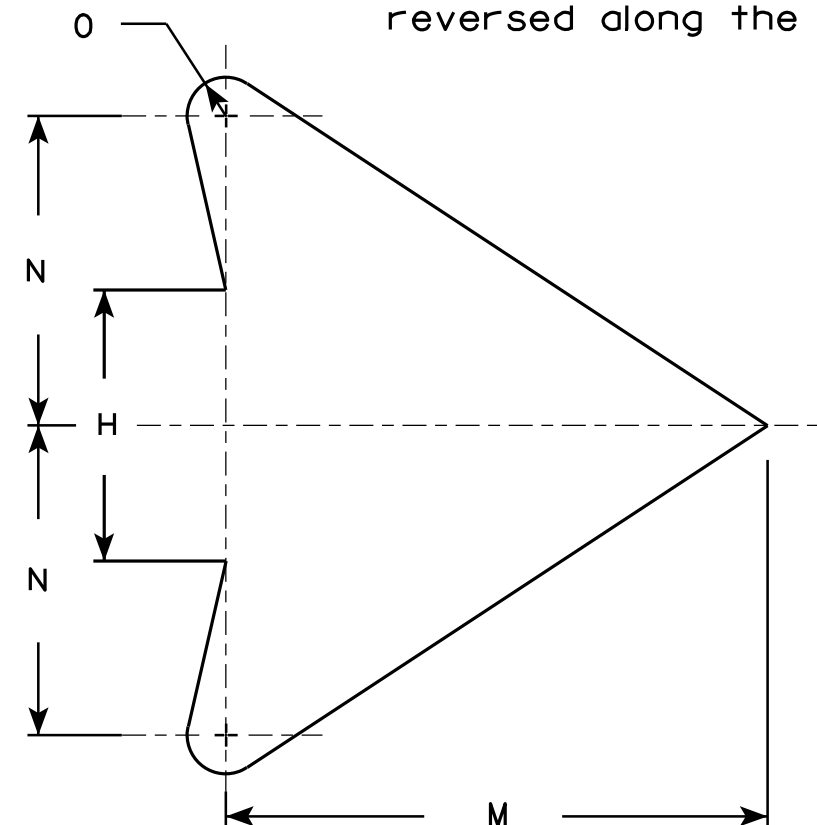
DATE 7/22/13 PLATE NO. S16-9P.1

# 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

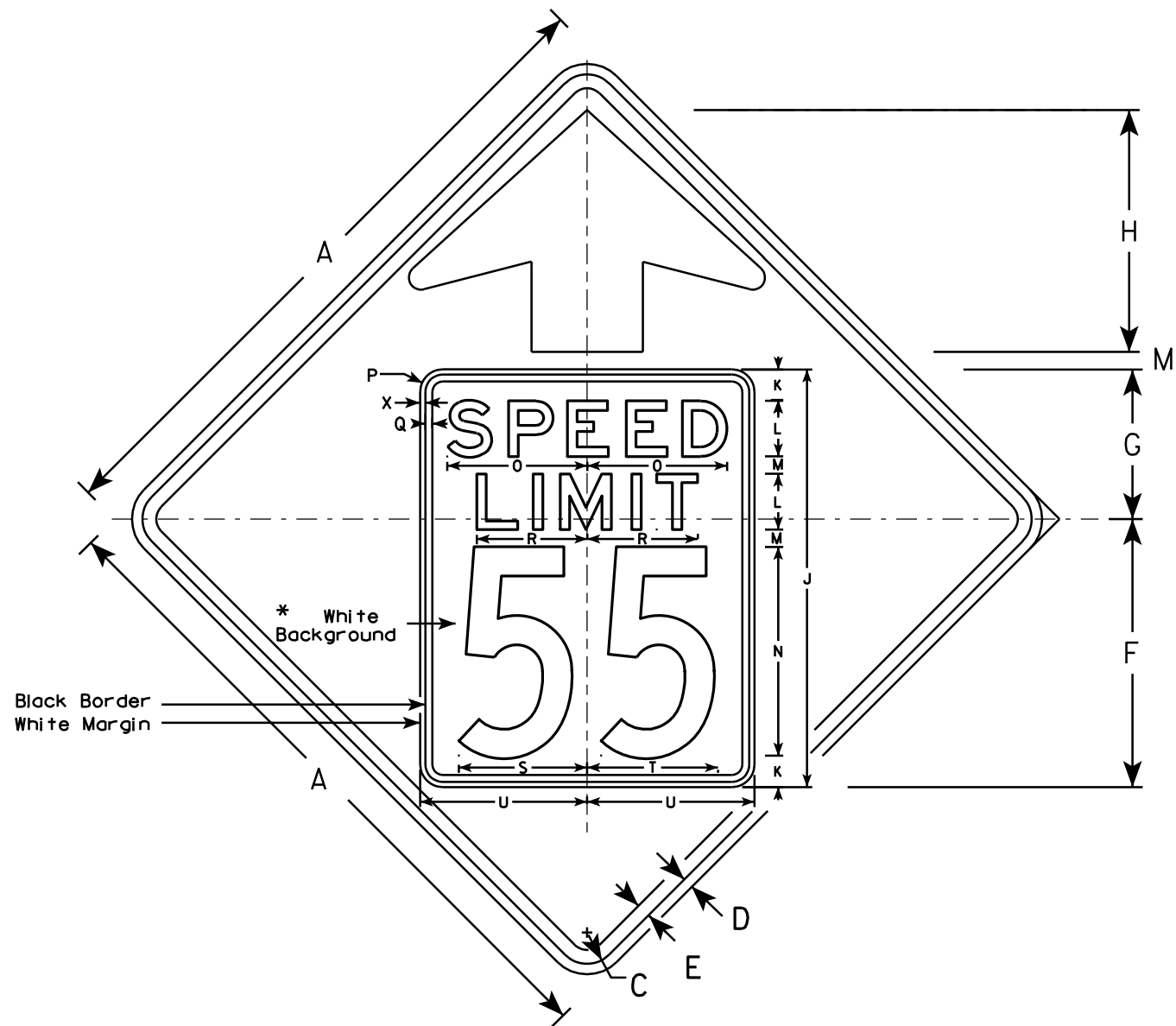
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

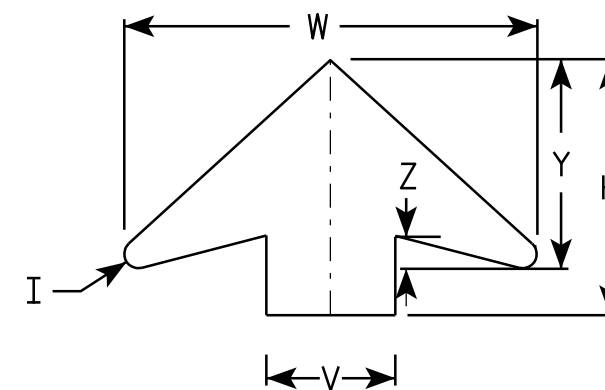


W3-5

### NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color: \*  
Background - YELLOW\*  
Message - BLACK
3. Message Series - C for numbers Series E for wording
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance

\*Speed Limit Sign shall have a White 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																											
2S	36		1 5⁄8	5⁄8	3⁄4	14 1⁄2	9 1⁄2	11 1⁄2	5⁄8	24	2	3	1	12	7 1⁄8	1 1⁄2	3⁄8	5 3⁄4	7 1⁄4	7 1⁄8	9	6	19 1⁄4	3⁄8	9 3⁄4	1 5⁄8	9.0
2M	36		1 5⁄8	5⁄8	3⁄4	14 1⁄2	9 1⁄2	11 1⁄2	5⁄8	24	2	3	1	12	7 1⁄8	1 1⁄2	3⁄8	5 3⁄4	7 1⁄4	7 1⁄8	9	6	19 1⁄4	3⁄8	9 3⁄4	1 5⁄8	9.0
3	36		1 5⁄8	5⁄8	3⁄4	14 1⁄2	9 1⁄2	11 1⁄2	5⁄8	24	2	3	1	12	7 1⁄8	1 1⁄2	3⁄8	5 3⁄4	7 1⁄4	7 1⁄8	9	6	19 1⁄4	3⁄8	9 3⁄4	1 5⁄8	9.0
4	48		2 1⁄4	3⁄4	1	19 1⁄4	10 3⁄4	17 3⁄8	7⁄8	30	2 1⁄4	4	1 1⁄4	15	10	1 5⁄8	1⁄2	8	9 1⁄4	9 3⁄8	12	8	25 5⁄8	3⁄8	13	2	16.0
5	48		2 1⁄4	3⁄4	1	19 1⁄4	10 3⁄4	17 3⁄8	7⁄8	30	2 1⁄4	4	1 1⁄4	15	10	1 5⁄8	1⁄2	8	9 1⁄4	9 3⁄8	12	8	25 5⁄8	3⁄8	13	2	16.0

### STANDARD SIGN

W3-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

*Matthew R. Rauch*  
for State Traffic Engineer

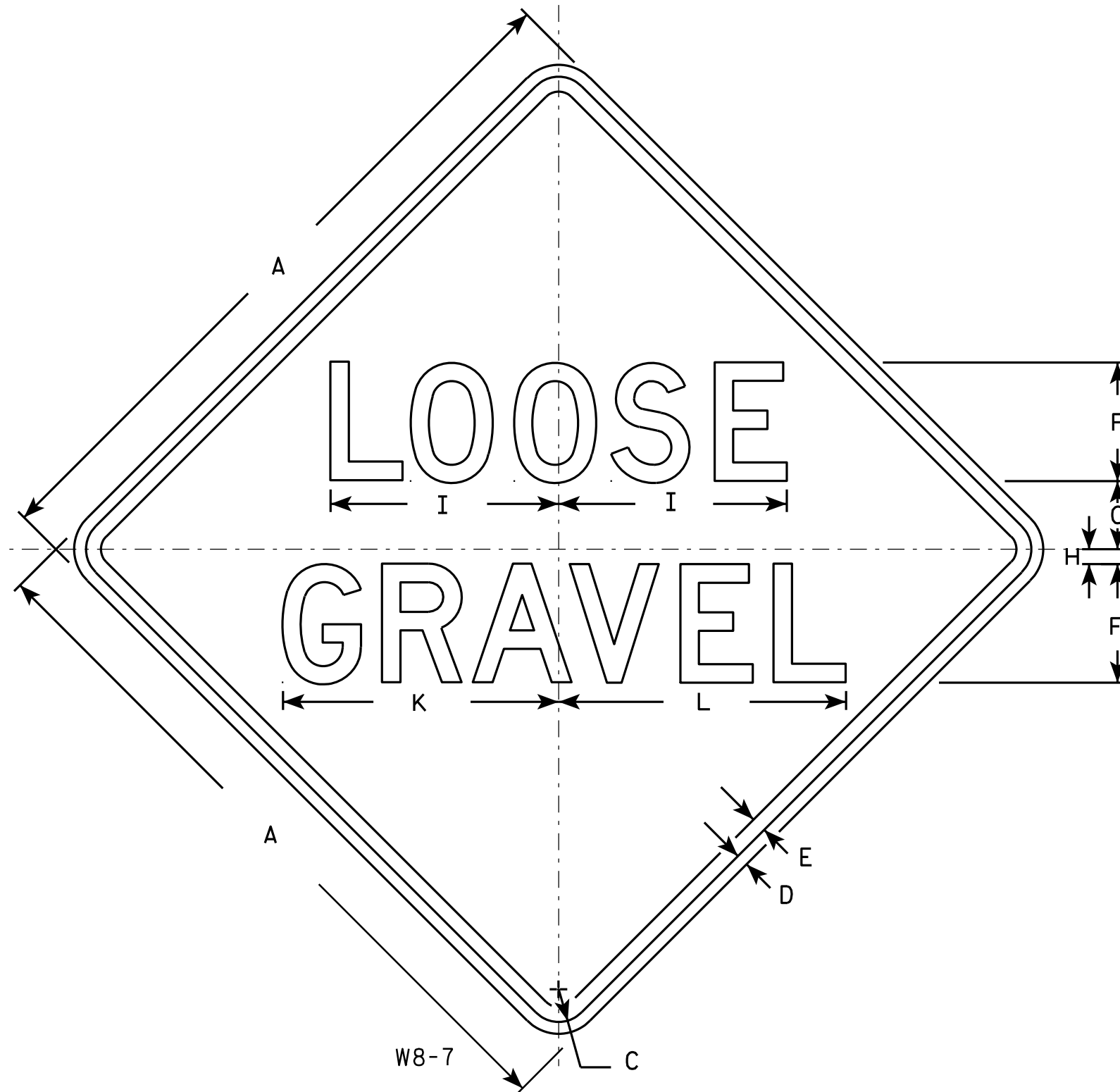
DATE 5/29/12

PLATE NO. W3-5.5

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 - Orange  
Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2	4	2 3/4	1/2	7 3/4		9 1/4	9 3/4															4.0
2S	36		1 5/8	5/8	3/4	6	4 1/8	3/4	11 5/8		14	14 1/2															9.0
2M	36		1 5/8	5/8	3/4	6	4 1/8	3/4	11 5/8		14	14 1/2															9.0
3	36		1 5/8	5/8	3/4	6	4 1/8	3/4	11 5/8		14	14 1/2															9.0
4	36		1 5/8	5/8	3/4	6	4 1/8	3/4	11 5/8		14	14 1/2															9.0
5	48		2 1/4	3/4	1	8	5 1/2	1	15 1/2		18 5/8	19 3/8															16.0

### STANDARD SIGN

W8-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer  
DATE 5/30/12 PLATE NO. W8-7.7

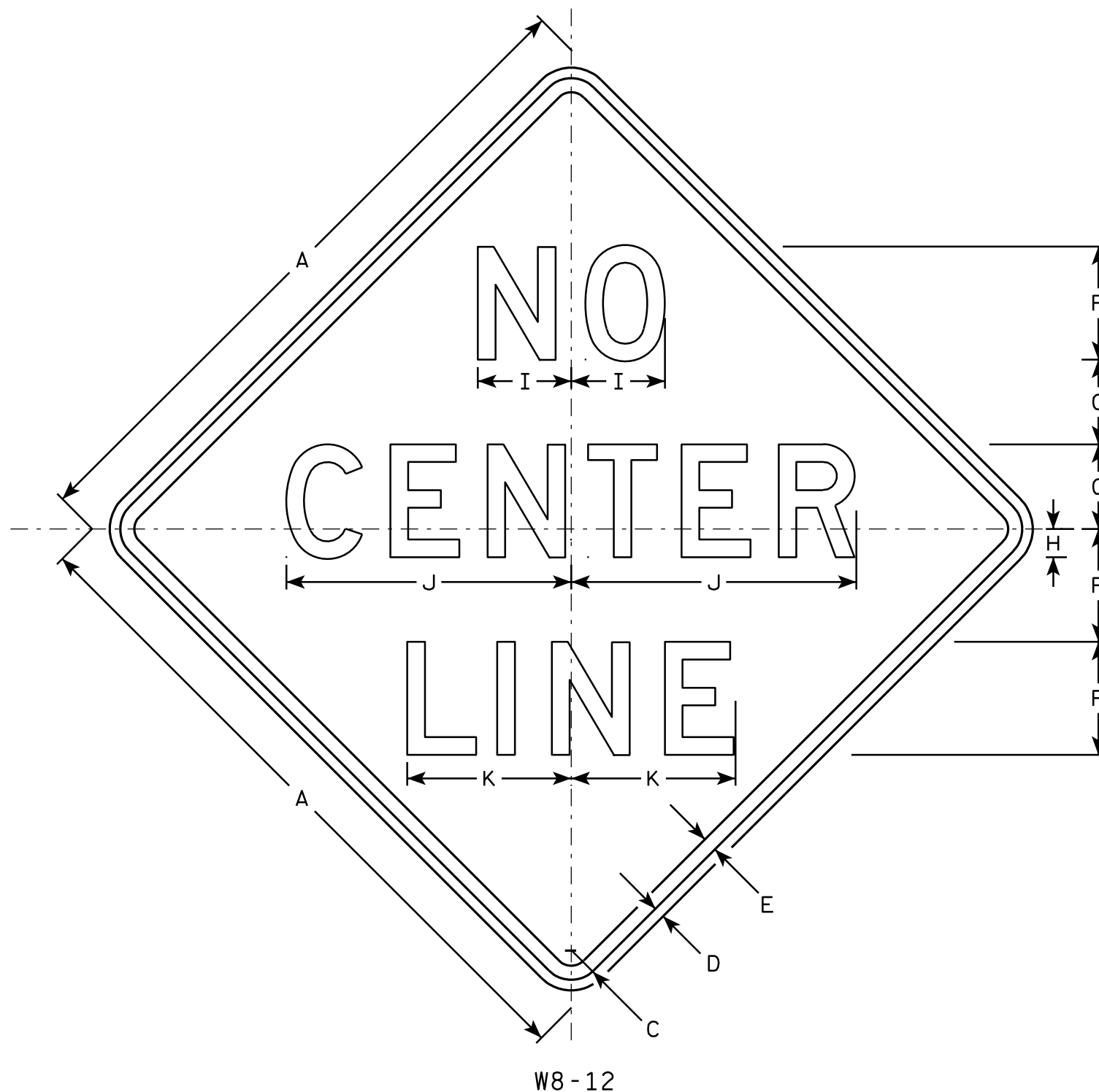
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



### NOTES

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

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	6	4 1⁄2	1 1⁄2	5 1⁄8	16	9																9.0
2M	36		1 5⁄8	5⁄8	3⁄4	6	4 1⁄2	1 1⁄2	5 1⁄8	16	9																9.0
3	48		2 1⁄4	3⁄4	1	8	6	2	6 5⁄8	20 1⁄4	11 5⁄8																16.0
4	48		2 1⁄4	3⁄4	1	8	6	2	6 5⁄8	20 1⁄4	11 5⁄8																16.0
5	48		2 1⁄4	3⁄4	1	8	6	2	6 5⁄8	20 1⁄4	11 5⁄8																16.0

### STANDARD SIGN W8-12

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 8/24/10 PLATE NO. W8-12.3

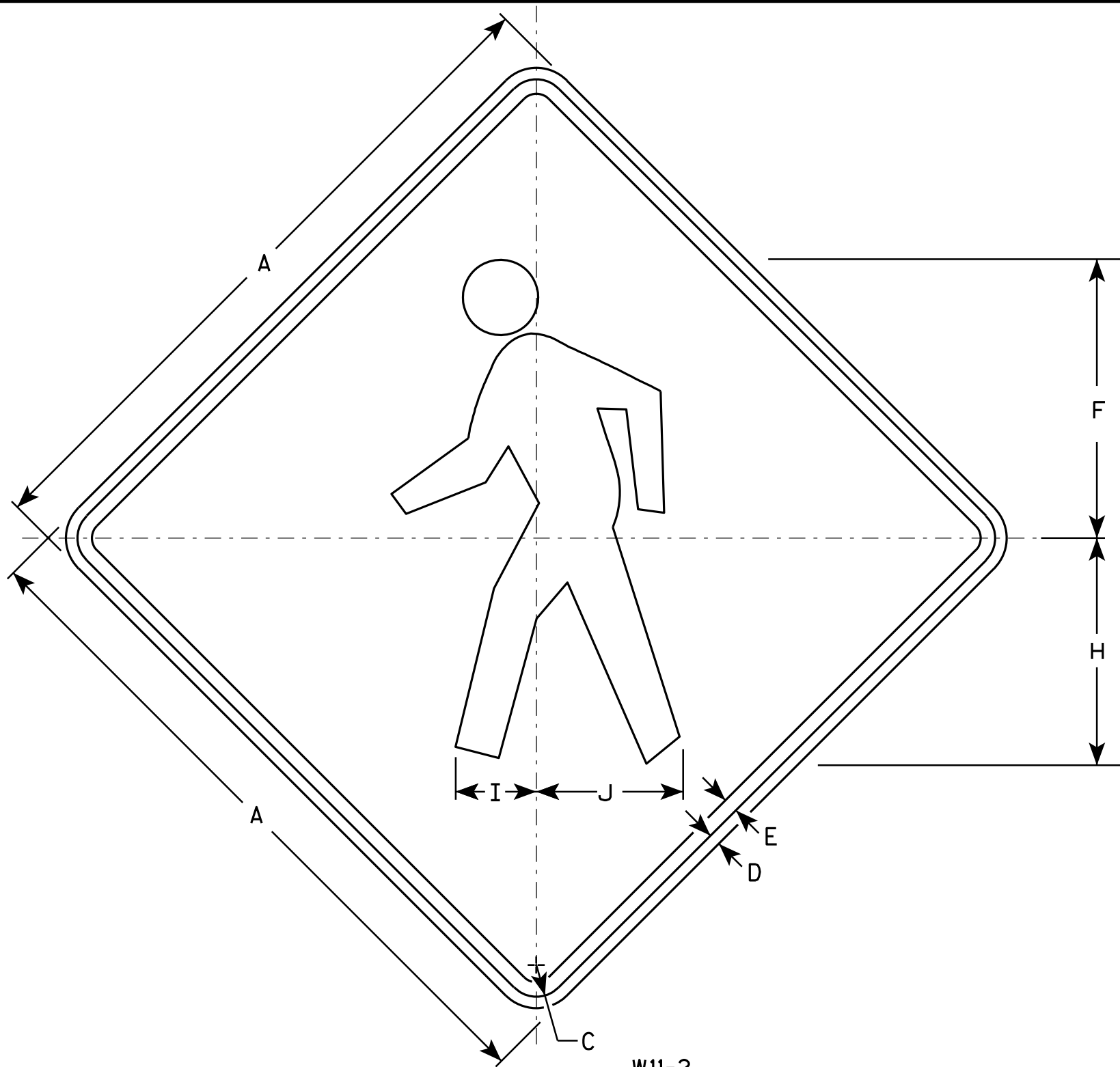
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



W11-2

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	9 3/4		7 7/8	2 7/8	5 1/8																	4.0
2S	30		1 3/8	1/2	5/8	12 1/8		9 7/8	3 1/2	6 3/8																	6.25
2M	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
3	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
4	48		2 1/4	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

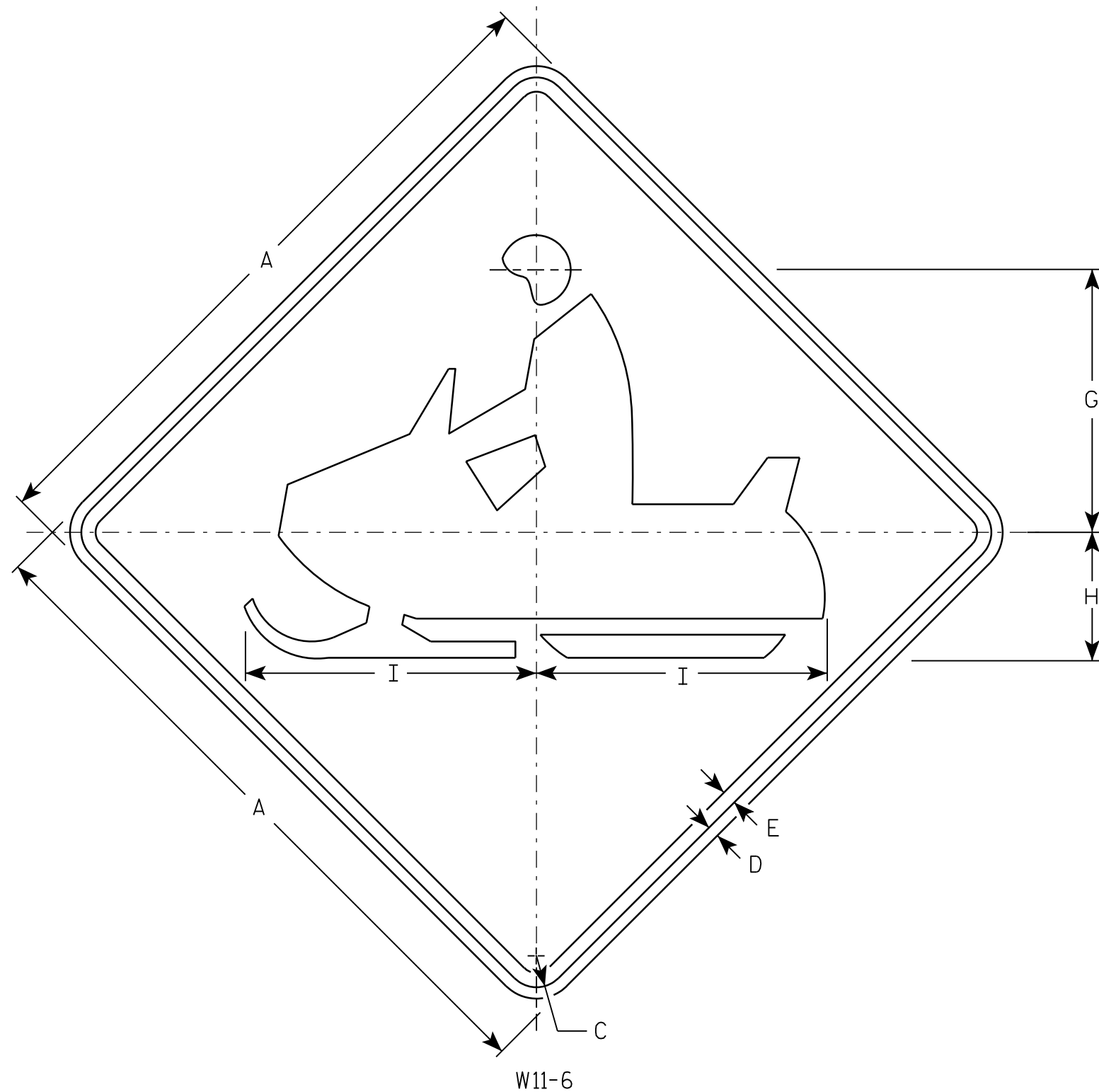
STANDARD SIGN  
W11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W11-2.7





W11-6

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		9 1/2	4 1/2	10 1/4																		4.0
2S	30		1 3/8	1/2	5/8		11 1/2	5 5/8	12 3/4																		6.25
2M	30		1 3/8	1/2	5/8		11 1/2	5 5/8	12 3/4																		6.25
3	36		1 5/8	5/8	3/4		14 1/8	6 3/4	15 1/4																		9.0
4	48		2 1/4	3/4	1		19	9	20 1/2																		16.0
5																											

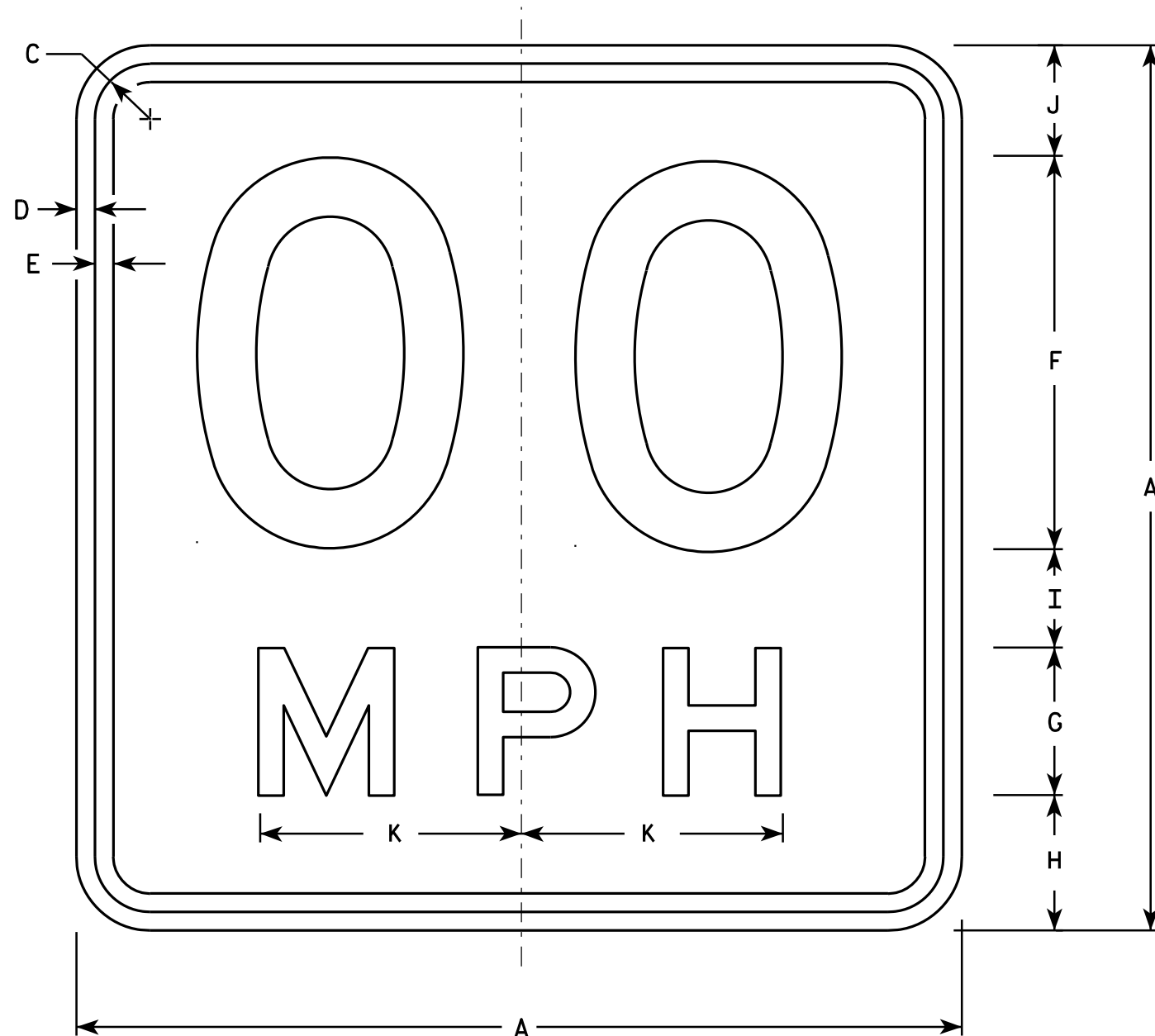
STANDARD SIGN  
W11-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R. Rauch  
for State Traffic Engineer

DATE 3/13/13 PLATE NO. W11-6.8

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 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:

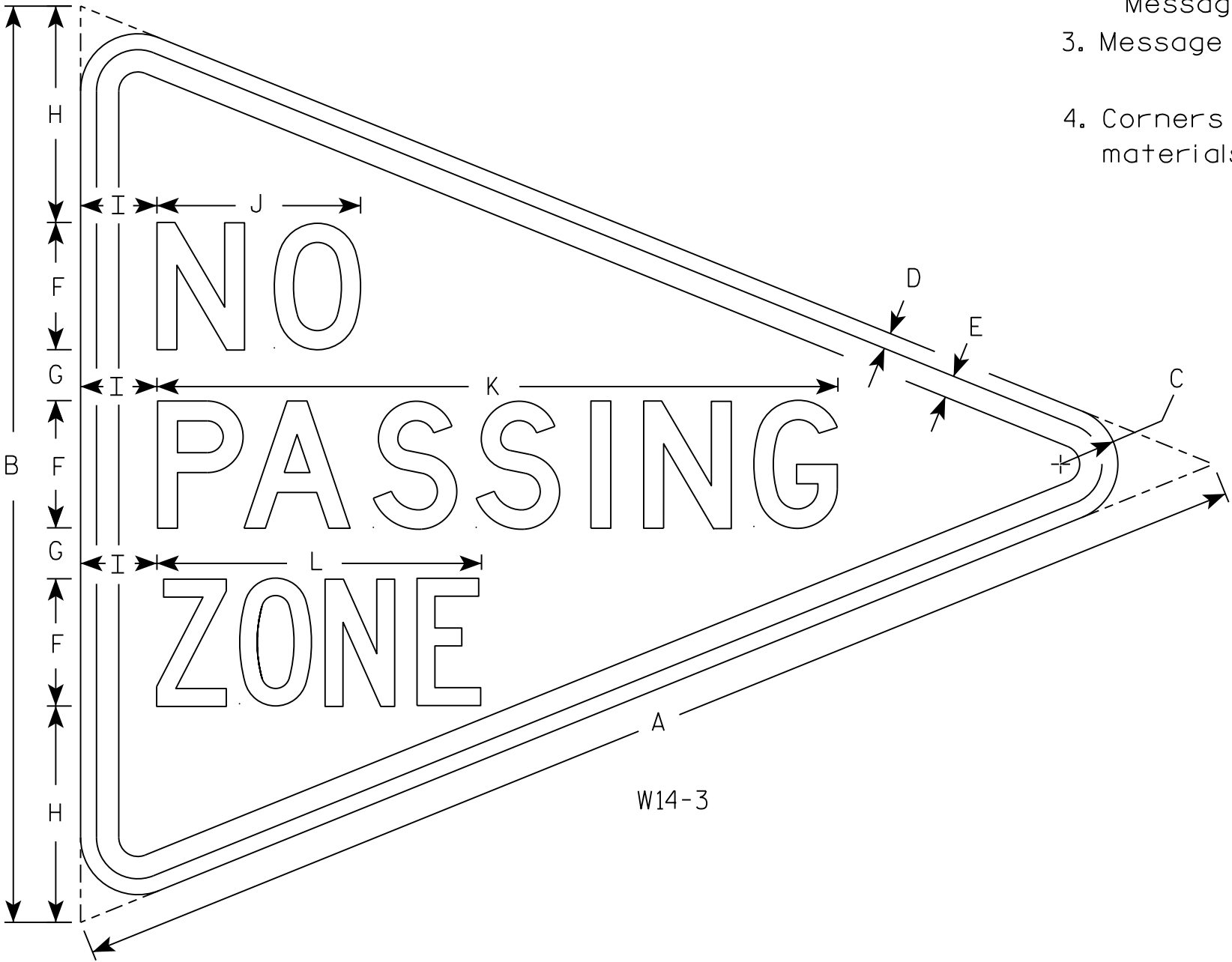
COUNTY:

SHEET NO:

E

NOTES

- 1. Sign is Type II - Type F Reflective
- 2. Color:  
Background - Yellow  
Message - Black
- 3. Message Series - Lines 1 and 2 are Series D.  
Line 3 is series C.
- 4. Corners and borders shall be rounded on all base materials for this sign.



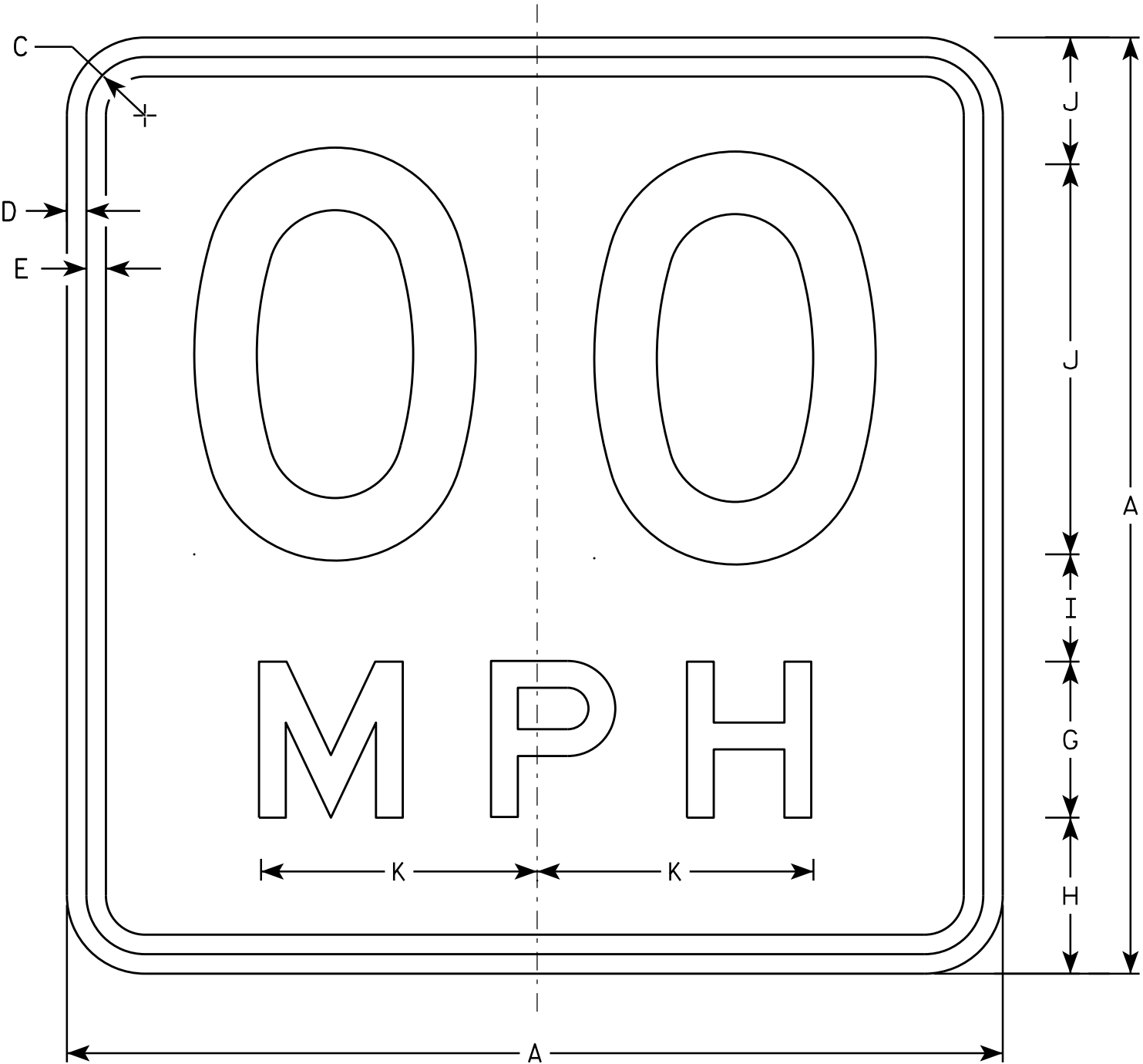
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															5.56
2M																											
3																											
4																											
5																											

STANDARD SIGN  
W14-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 3/21/17 PLATE NO. W14-3.10



W013-1

NOTES

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

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	10	4	4	2 3/4	3 1/4	7 1/8																4.00
2S	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
2M	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
3	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
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  
W013-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED  
*Matthew R. Rauch*  
For State Traffic Engineer

DATE 11/21/13 PLATE NO. W013-1.1

## Notes



## ***Wisconsin Department of Transportation***

Dedicated people creating transportation solutions  
through innovation and exceptional service.

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