

GRE

MAY 2014

PROJECT ID: 4085-49-60

COUNTY: BROWN

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
<del>Section No. 4</del>	<del>Right of Way Plat</del>
Section No. 5	Plan and Profile
Section No. 6	Standard Detail Drawings
Section No. 7	Sign Plates
<del>Section No. 8</del>	<del>Structure Plans</del>
<del>Section No. 9</del>	<del>Computer Earthwork Data</del>
<del>Section No. 9</del>	<del>Cross Sections</del>

TOTAL SHEETS = 74



DESIGN DESIGNATION

A.A.D.T.	2014	=	4,900
A.A.D.T.	2034	=	5,500
D.H.V.		=	561
D.D.		=	60/40
T.		=	9.9%
DESIGN SPEED		=	60
ESALS		=	1,204,500

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	

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

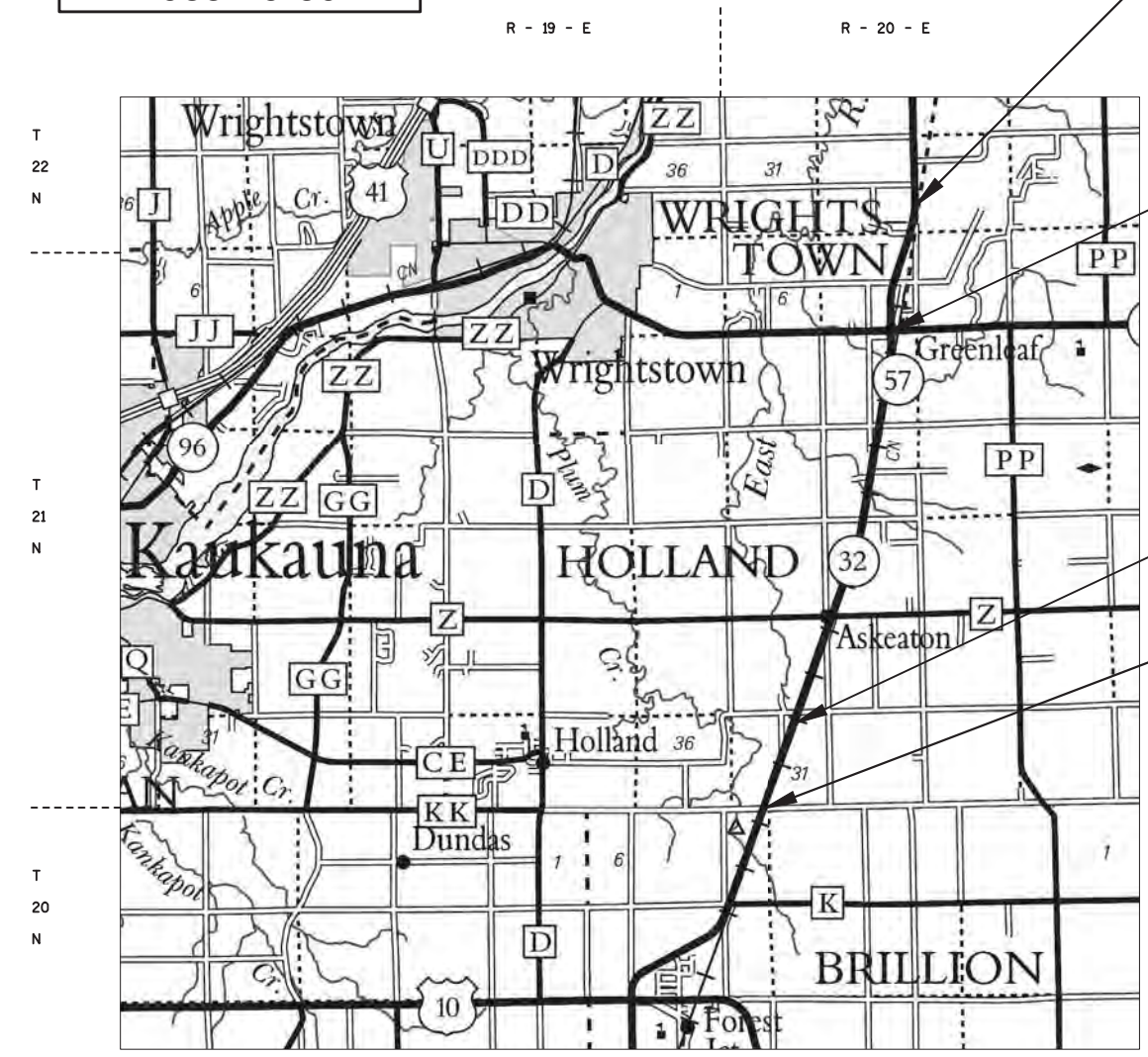
HILBERT - DE PERE

SCL - DEUSTER STREET

STH 32

BROWN COUNTY

STATE PROJECT NUMBER
4085-49-60



LAYOUT  
SCALE 0 1 MI  
TOTAL NET LENGTH OF CENTERLINE = 6.572

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, BROWN COUNTY, NAD83 (1991), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
4085-49-60		

END PROJECT 4085-49-60  
STA 452+00

EXCEPTION TO NET C/L LENGTH  
STA 375+00 TO STA 379+60

EXCEPTION TO NET C/L LENGTH  
STA 151+60 TO STA 152+00

BEGIN PROJECT 4085-49-60  
STA 100+00  
Y=467,396.63  
X=70,754.84

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	
Designer	A T DUMS
Project Manager	A D FULCER
Regional Examiner	
Regional Supervisor	D J SEGERSTROM
APPROVED FOR THE DEPARTMENT	
DATE: 1/7/2014	
	(Signature)

GENERAL NOTES

THE LOCATIONS OF EXISTING UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT THAT ARE NOT SHOWN.

EXISTING PERMANENT SIGNS ARE TO REMAIN IN PLACE UNLESS SPECIALLY CALLED FOR REMOVAL ON MISCELLANEOUS QUANTITIY TABLE.

CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY HIS OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

THE CONTRACTOR IS TO WORK WITH UTMOST CARE AND PROTECT ALL SURVEY MARKERS. REMOVAL OF ANY SURVEY MARKER IS TO BE WITH THE APPROVAL OF THE ENGINEER. DETAILS OF CONSTRUCTION NOT SHOWN ON THE PLAN SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

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

ALL DISTURBED AREAS, NOT OTHERWISE SURFACED, ARE TO BE TOPSOILED, FERTILIZED, SEEDED AND COVERED WITH MULCH OR EROSION MAT, AS SHOWN ON THE PLANS.

THE EXACT LOCATIONS OF ALL EROSION CONTROL ITEMS SHALL BE DETERMINED BY THE ENGINEER.

IN ORDER TO MINIMIZE CONSTRUCTION/PERFORMANCE ISSUES WITH THE CENTERLINE RUMBLE STRIP, THE NOTCHED WEDGE LONGITUDINAL JOINT SHALL BE MILLED OUT PRIOR TO PAVING.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND ALL UTILITIES IN THE VICINITY OF THE PROJECT TO LOCATE THEIR FACILITIES AT LEAST THREE WORKING DAYS PRIOR TO BEGINNING WORK.

DNR AREA LIAISON

WISCONSIN DEPARTMENT OF NATURAL RESOURCES  
2984 SHAWANO AVENUE  
GREEN BAY, WI 54313-6727  
ATTN: JAMES P. DOPERALSKI JR.  
PHONE: 920-662-5119  
FAX: 920-662-5159  
E-MAIL: JAMES.DOPERALSKI@WISCONSIN.GOV

UTILITIES

ATC MANAGEMENT, INC. - ELECTRICITY  
801 O'KEEFE ROAD  
P.O. BOX 6113  
DE PERE, WI 54115-6113  
ATTN: MIKE OLSEN  
PHONE: 920-338-6582  
E-MAIL: MOLSEN@ATCLLC.COM

CENTURYLINK - COMMUNICATION LINE  
144 N PEARL STREET  
P.O. BOX 70  
BERLIN, WI 54923  
ATTN: DENNIS HAAG  
PHONE: 920-361-0040  
E-MAIL: DENNIS.HAAG@CENTURYTEL.COM

TOWN OF HOLLAND SANITARY DISTRICT #1 - SEWER & WATER  
8126 KATIE LANE  
KAUKAUNA, WI 54130  
ATTN: DICK EITING  
PHONE: 920-766-4726  
E-MAIL: HOLLANDSANITARY@GMAIL.COM

WRIGHTSTOWN SANITARY DISTRICT #1 - SEWER  
6481 DEUSTER ROAD  
P.O. BOX 85  
GREENLEAF, WI 54126  
ATTN: LYLE DEQUAINE  
PHONE: 920-864-7783  
E-MAIL: LDEQUAINE@NEW.RR.COM

TDS TELECOM - COMMUNICATION LINE  
SUITE 218A  
10 COLLEGE AVENUE  
APPLETON, WI 54911  
ATTN: STEVE JAKUBIEC  
PHONE: 920-882-4166  
E-MAIL: STEVE.JAKUBIEC@TDSTELECOM.COM

TIME WARNER CABLE - COMMUNICATION LINE  
3520 DESTINATION DRIVE  
APPLETON, WI 54915  
ATTN: VINCE ALBIN  
PHONE: 920-831-9249  
E-MAIL: VINCE.ALBIN@TWCABLE.COM

AT&T WISCONSIN - COMMUNICATION LINE  
205 S JEFFERSON STREET  
GREEN BAY, WI 54301  
ATTN: STEVE WINTER  
PHONE: 920-433-4200

WISCONSIN PUBLIC SERVICE CORPORATION - ELECTRICITY  
2850 S ASHLAND AVENUE  
GREEN BAY, WI 54307  
ATTN: RANDY STEIER  
PHONE: 920-617-5167  
E-MAIL: RDSTEIER@WISCONSINPUBLICSERVICE.COM

WISCONSIN PUBLIC SERVICE CORPORATION - GAS/PETROLEUM  
2850 S ASHLAND AVENUE  
GREEN BAY, WI 54307  
ATTN: TERRY LUTTENEGGER  
PHONE: 920-617-5129  
E-MAIL: TBLUTTENEGGER@WISCONSINPUBLICSERVICE.COM

COUNTY SURVEYOR OR SURVEYS CONTACT PERSON

BROWN COUNTY SURVEY COORDINATOR  
305 E WALNUT STREET  
GREEN BAY, WI 54305  
ATTN: PAT FORD  
TEL: 920-448-4493  
FAX: 920-448-4487  
E-MAIL: FORD\_PJ@CO.BROWN.WI.US



Call 811 3 Work Days Before You Dig  
or Toll Free (800) 242-8511  
Hearing Impaired TDD (800) 542-2289  
www.DiggersHotline.com

EMERGENCY CONTACT NUMBERS FOR WISCONSIN POWER AND LIGHT COMPANY

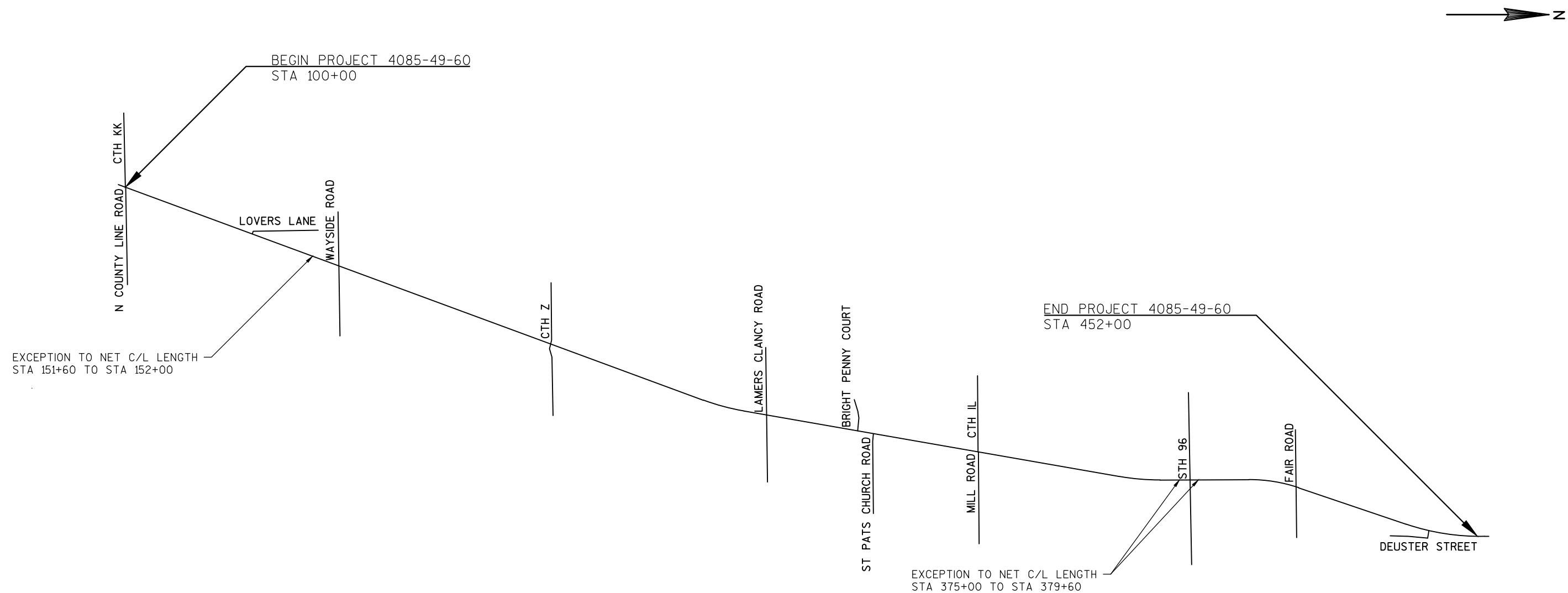
ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-862-6261  
GAS 24 HOUR EMERGENCY SERVICE: 1-800-862-6263

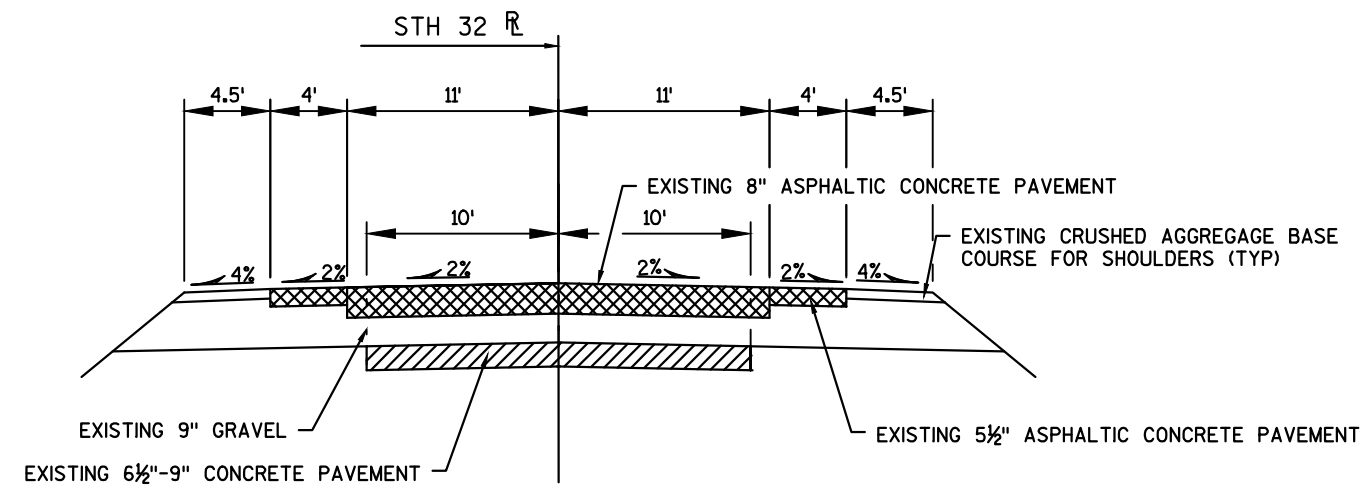
EMERGENCY CONTACT NUMBERS FOR WISCONSIN PUBLIC SERVICE

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-450-7240  
GAS 24 HOUR EMERGENCY SERVICE: 1-800-450-7280

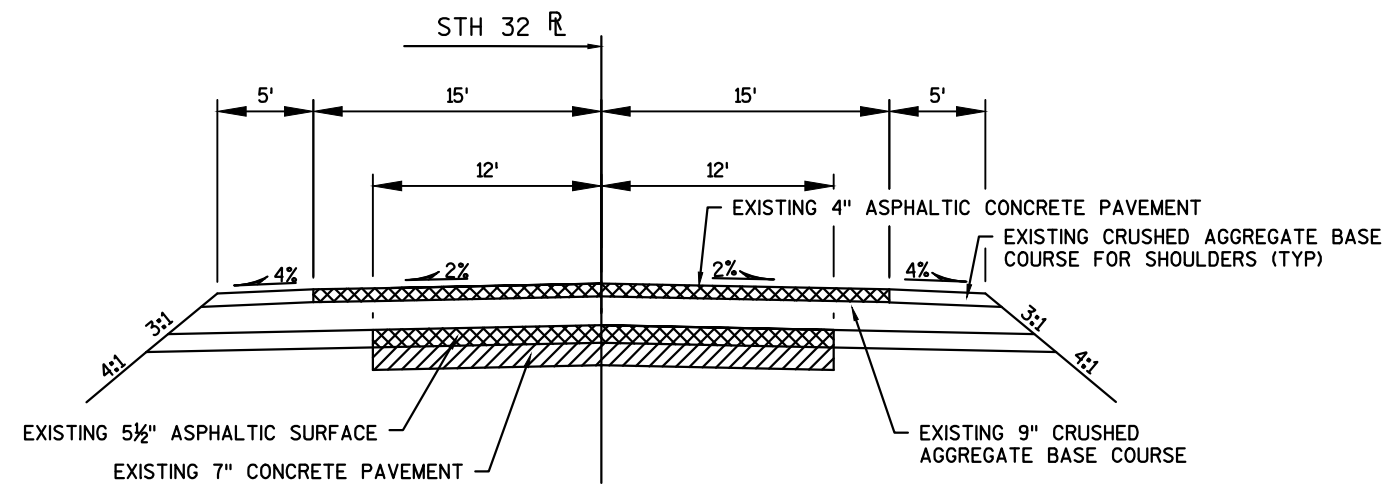
EMERGENCY CONTACT NUMBERS FOR WE ENERGIES

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-800-662-4797  
GAS 24 HOUR EMERGENCY SERVICE: 1-800-261-5325

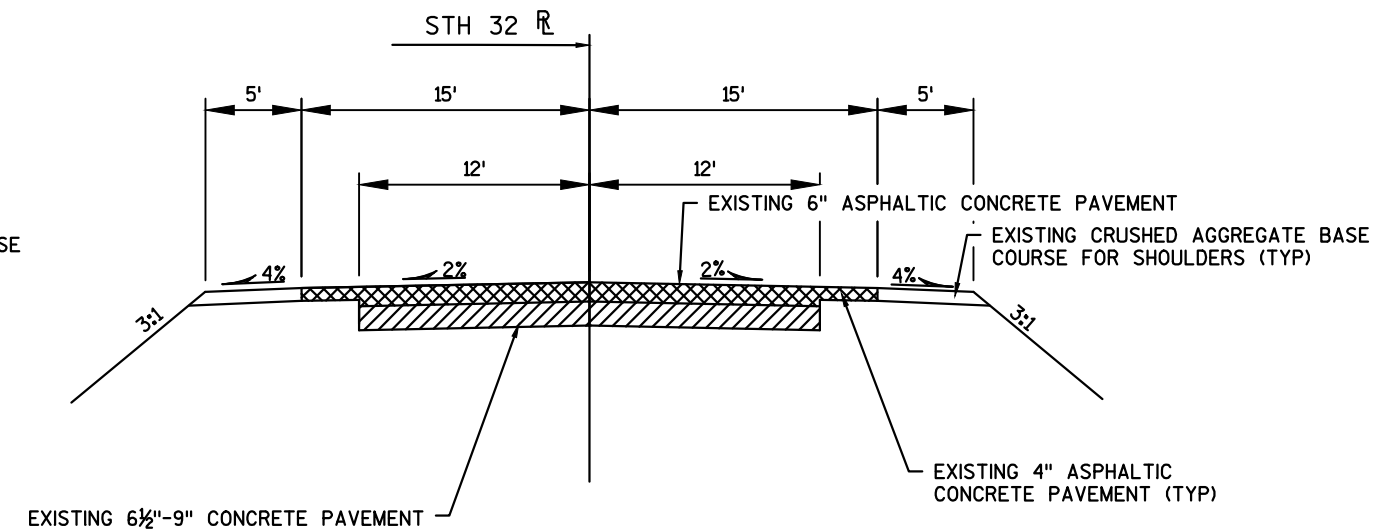




TYPICAL EXISTING CROSS SECTION FOR STH 32  
100+00 TO 201+20

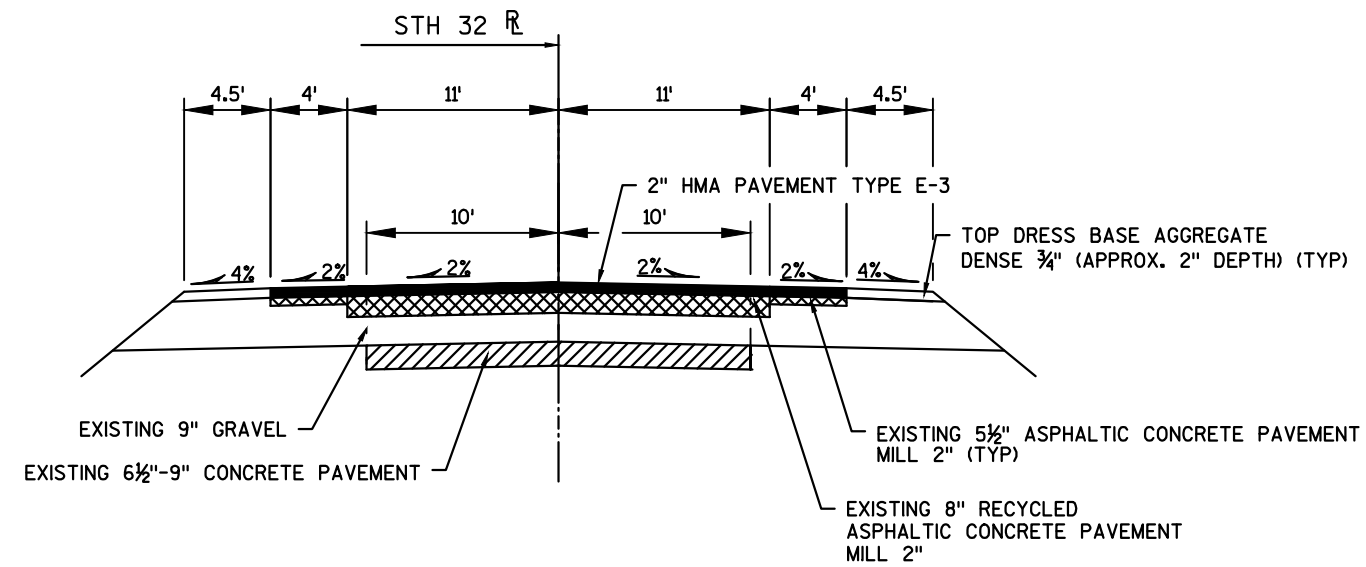


TYPICAL EXISTING CROSS SECTION FOR STH 32  
201+20 TO 362+42

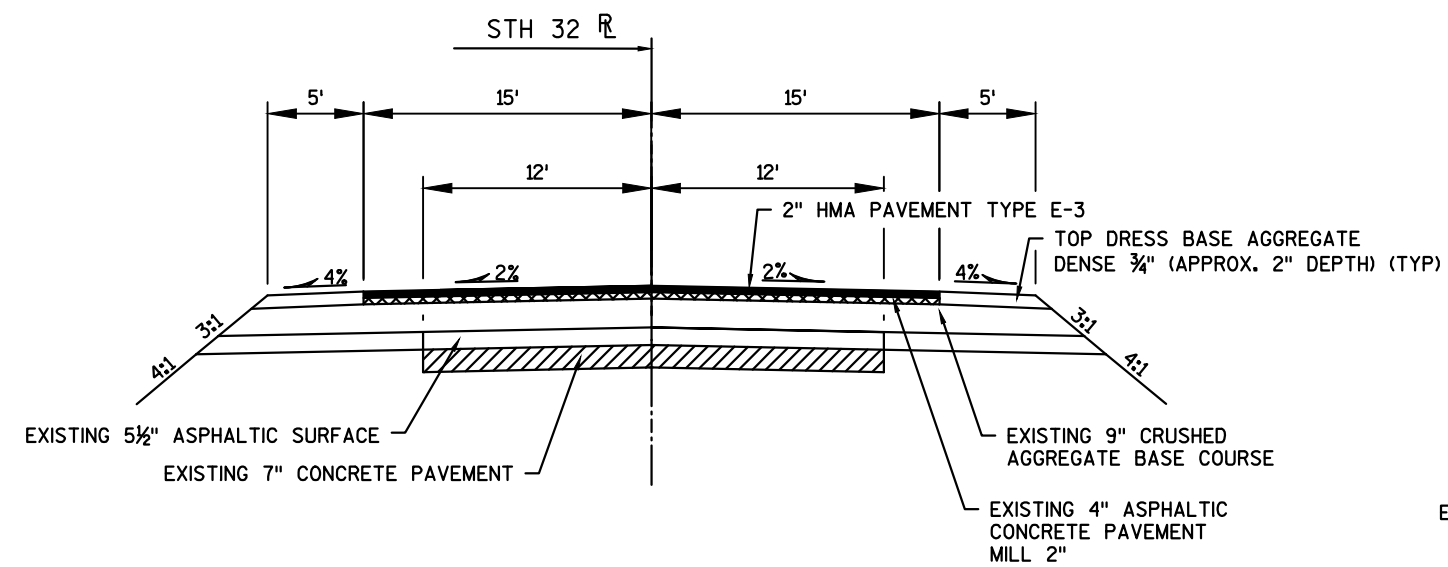


TYPICAL EXISTING CROSS SECTION FOR STH 32  
362+42 TO 375+00  
379+60 TO 452+00

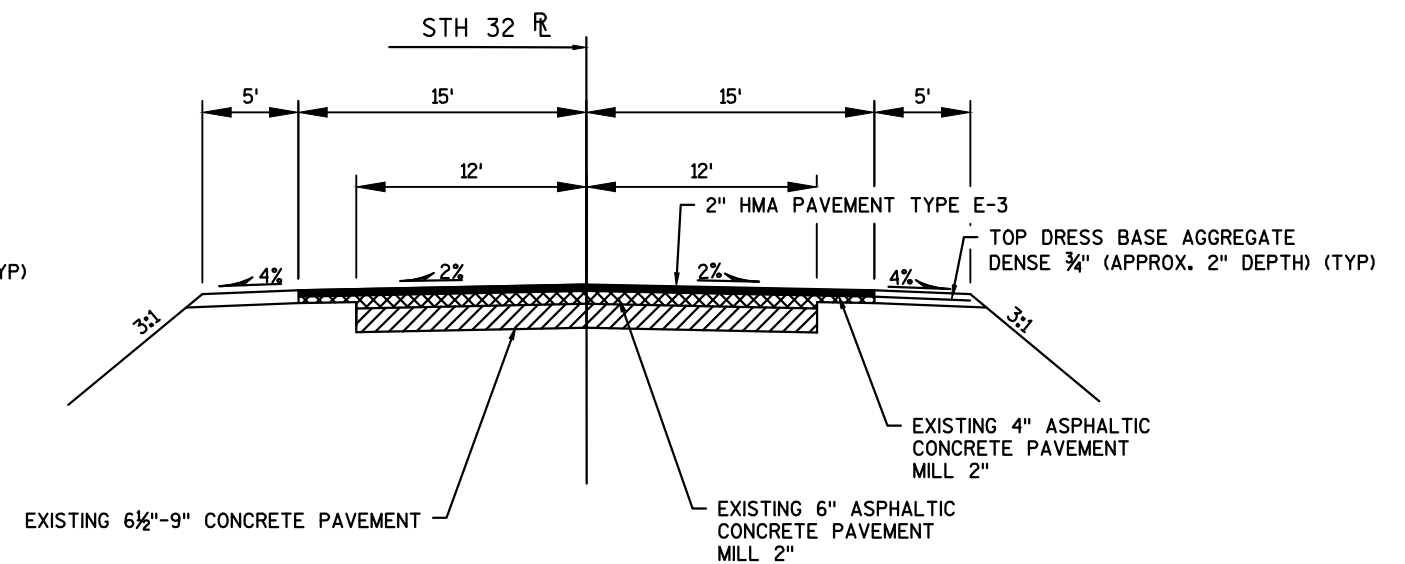




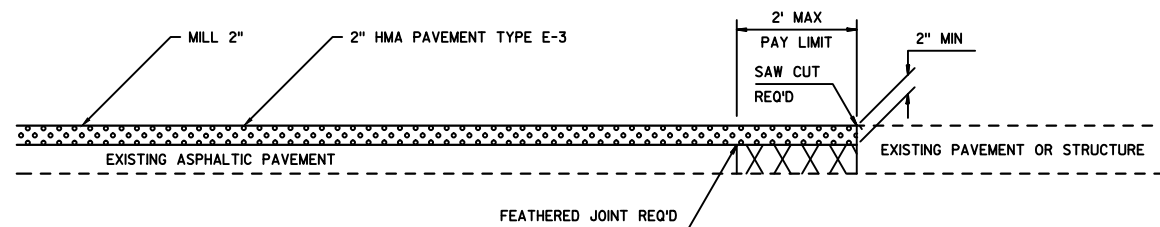
TYPICAL FINISHED CROSS SECTION FOR STH 32  
100+00 TO 201+20






TYPICAL FINISHED CROSS SECTION FOR STH 32  
201+20 TO 362+42

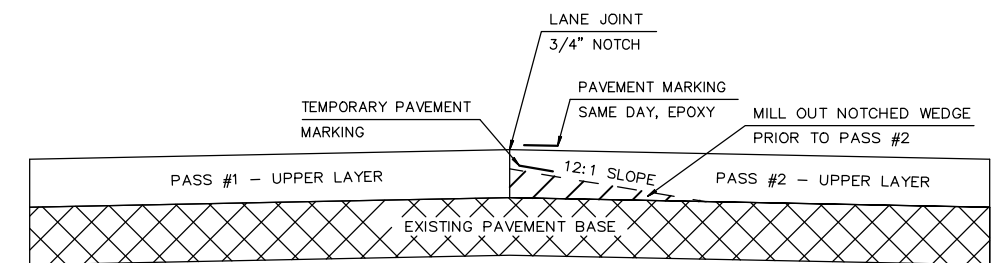


TYPICAL FINISHED CROSS SECTION FOR STH 32  
362+42 TO 375+00  
379+60 TO 452+00



-  REMOVING ASPHALTIC SURFACE, MILLING
-  REMOVING ASPHALTIC SURFACE, BUTT JOINTS (FULL DEPTH REMOVAL OPTIONAL)
-  ASPHALTIC WEDGING (FULL DEPTH REMOVAL OPTION)

BUTT JOINT DETAIL FOR MILLED ASPHALTIC PAVEMENTS

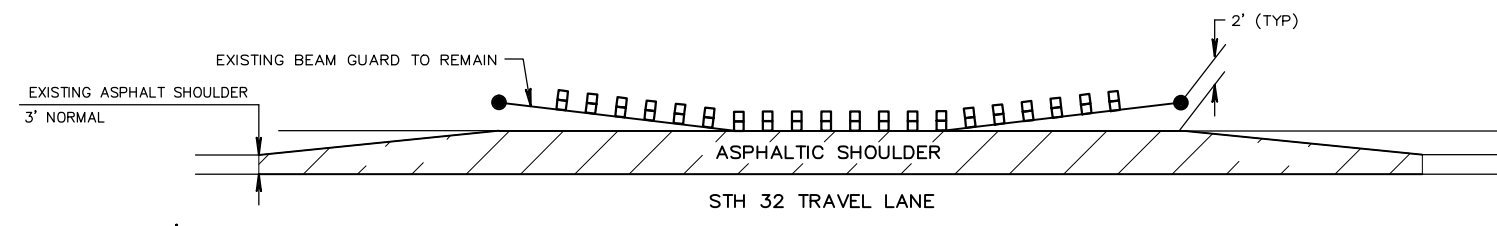


UPPER LAYER

NOTE

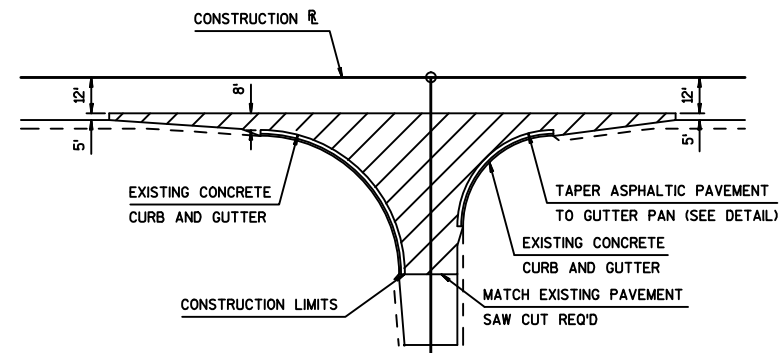
SEE SPV.0090.02 "MILLING AND REMOVING TEMPORARY JOINT" FOR MILLING DETAILS

TYPICAL PAVEMENT CROSS SECTION AT NOTCHED WEDGE LONGITUDINAL JOINT

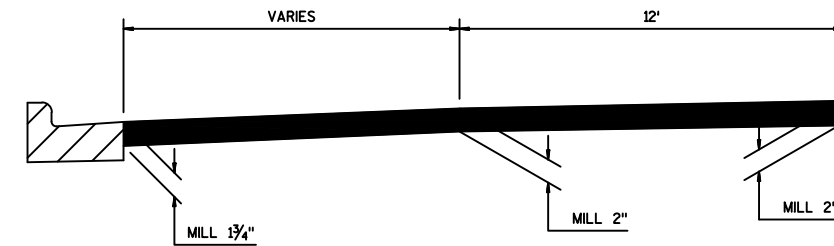


ASPHALTIC SHOULDER DETAIL AT GUARDRAIL

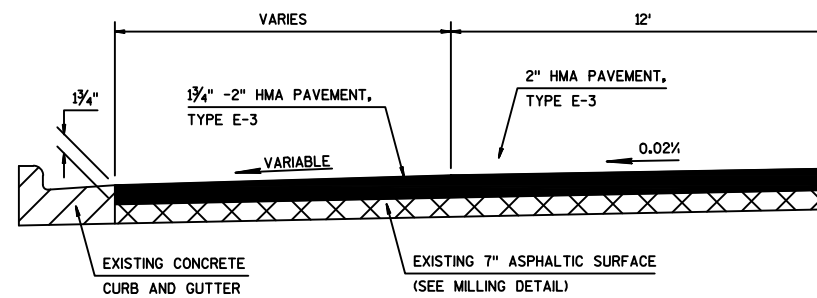
113+00 - 118+20 STH 32, LT  
112+40 - 120+30 STH 32, RT  
149+85 - 154+10 STH 32, LT (EXCEPTION FROM 151+60 - 152+00 CONCRETE TO REMAIN)  
148+85 - 153+60 STH 32, RT (EXCEPTION FROM 151+60 - 152+00 CONCRETE TO REMAIN)  
362+85 - 369+20 STH 32, LT  
450+20 - 452+00 STH 32, RT (END OF PROJECT)



SIDE ROAD CONSTRUCTION LIMITS

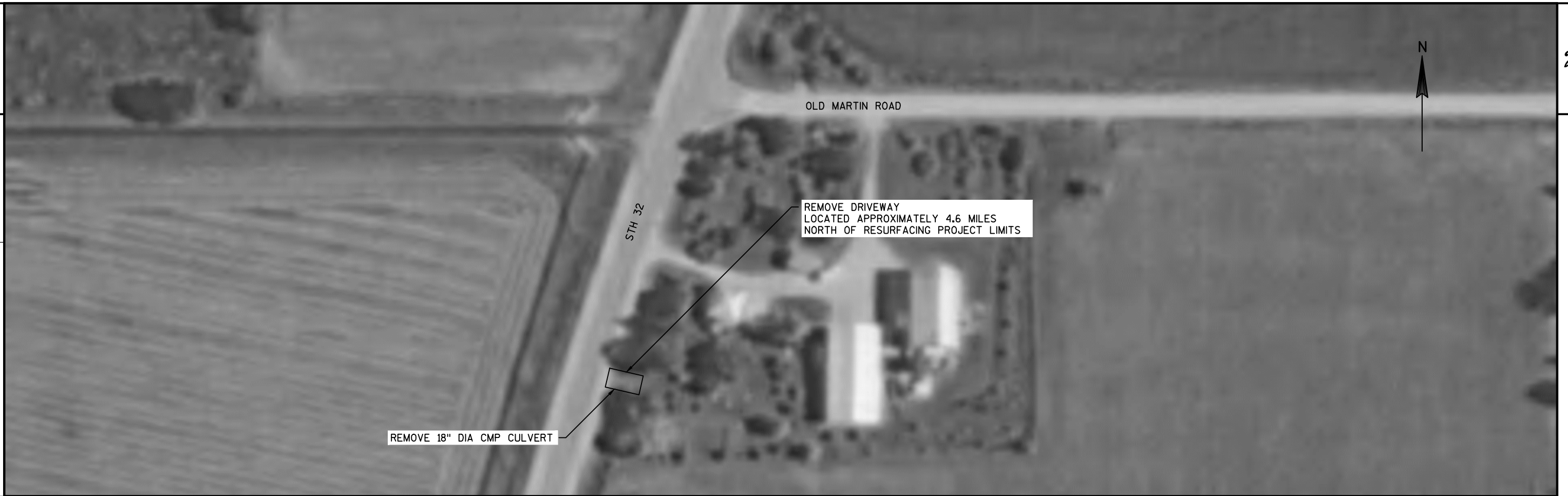


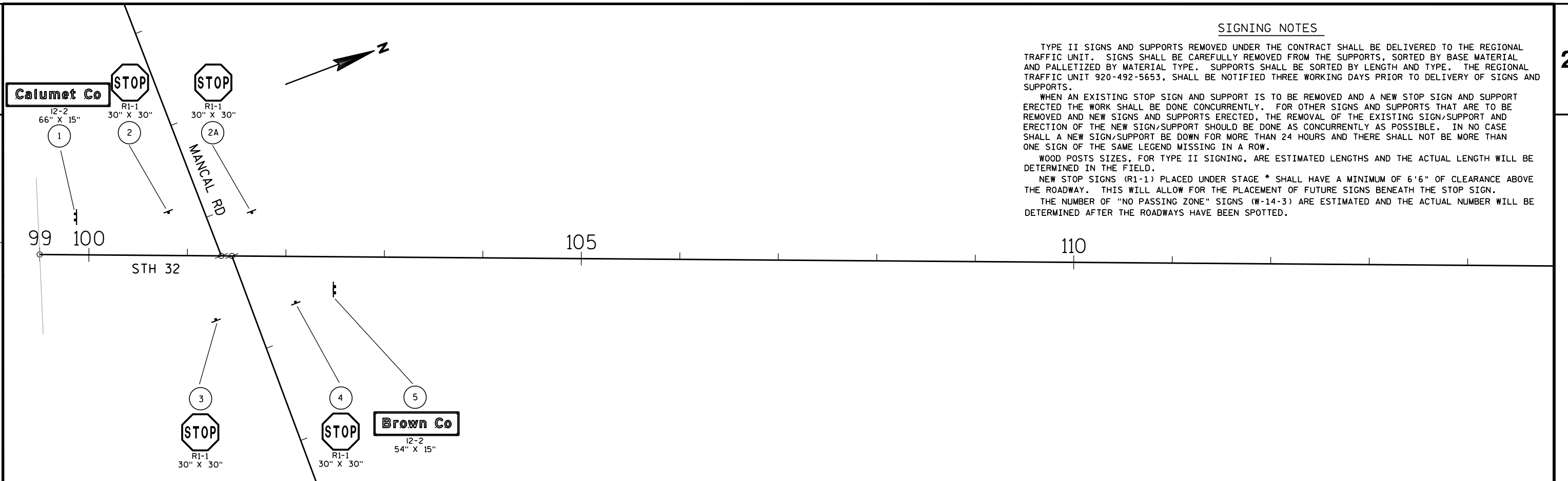
MILLING DETAIL



PAVING DETAIL

TYPICAL CROSS SECTION AT INTERSECTIONS WITH CURB AND GUTTER





## SIGNING NOTES

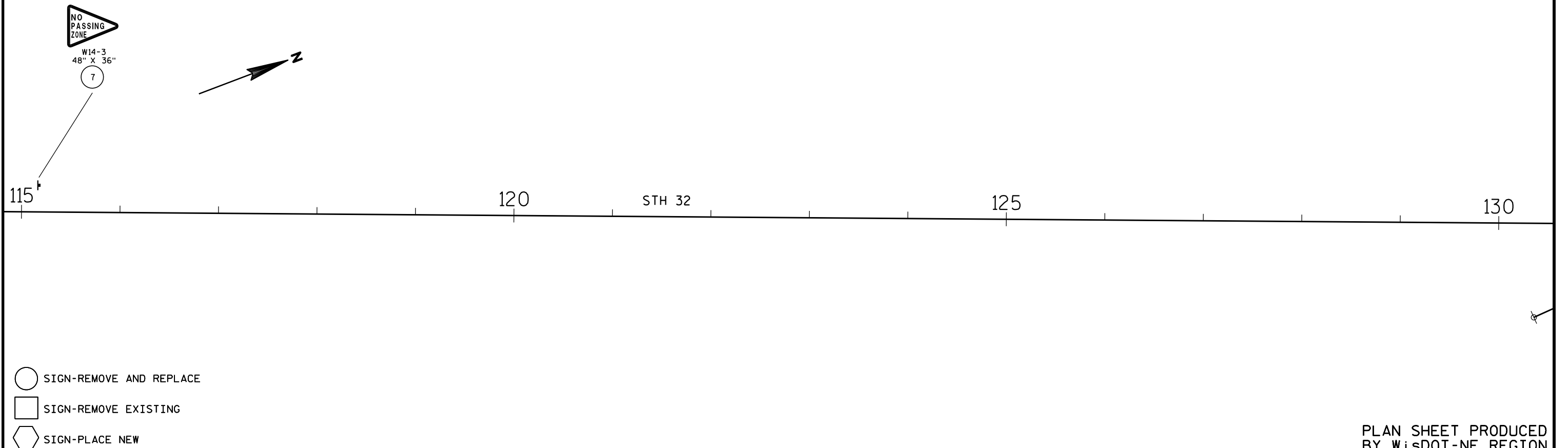
TYPE II SIGNS AND SUPPORTS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE REGIONAL TRAFFIC UNIT. SIGNS SHALL BE CAREFULLY REMOVED FROM THE SUPPORTS, SORTED BY BASE MATERIAL AND PALLETIZED BY MATERIAL TYPE. SUPPORTS SHALL BE SORTED BY LENGTH AND TYPE. THE REGIONAL TRAFFIC UNIT 920-492-5653, SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF SIGNS AND SUPPORTS.




WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

NEW STOP SIGNS (R1-1) PLACED UNDER STAGE \* SHALL HAVE A MINIMUM OF 6'6" OF CLEARANCE ABOVE THE ROADWAY. THIS WILL ALLOW FOR THE PLACEMENT OF FUTURE SIGNS BENEATH THE STOP SIGN.

THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.



-  SIGN-REMOVE AND REPLACE
-  SIGN-REMOVE EXISTING
-  SIGN-PLACE NEW

PLAN SHEET PRODUCED  
BY WisDOT-NE REGION

PROJECT NO: 4085-49-60

HWY: STH 32

COUNTY: BROWN

PERMANENT SIGNING

SHEET

E

## SIGNING NOTES

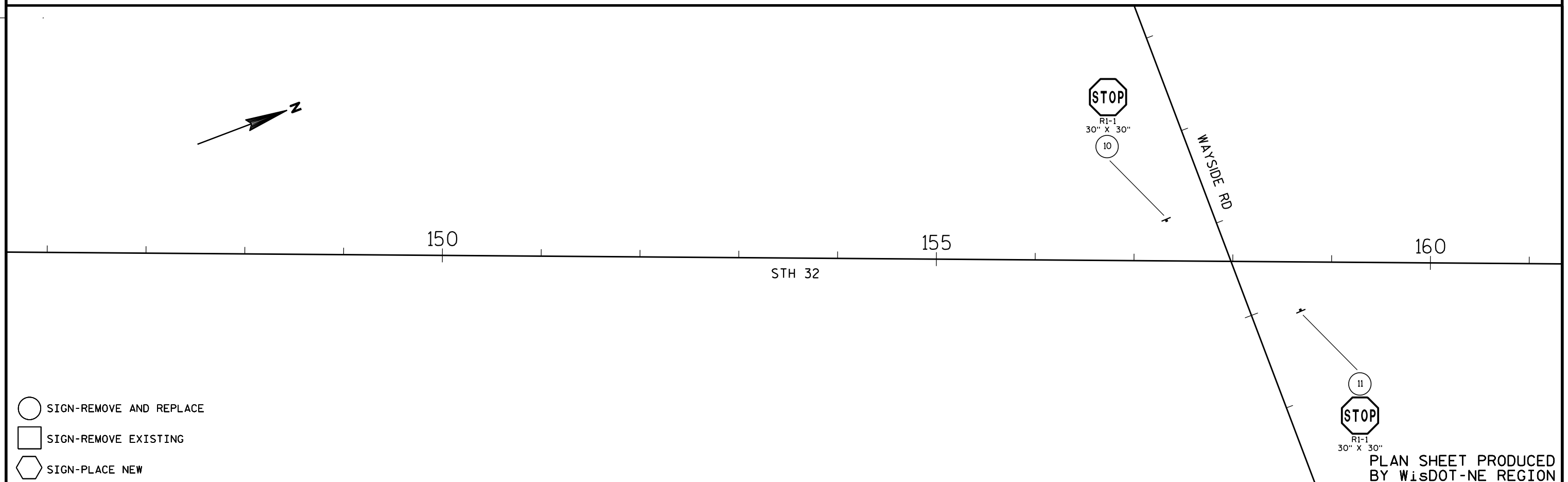
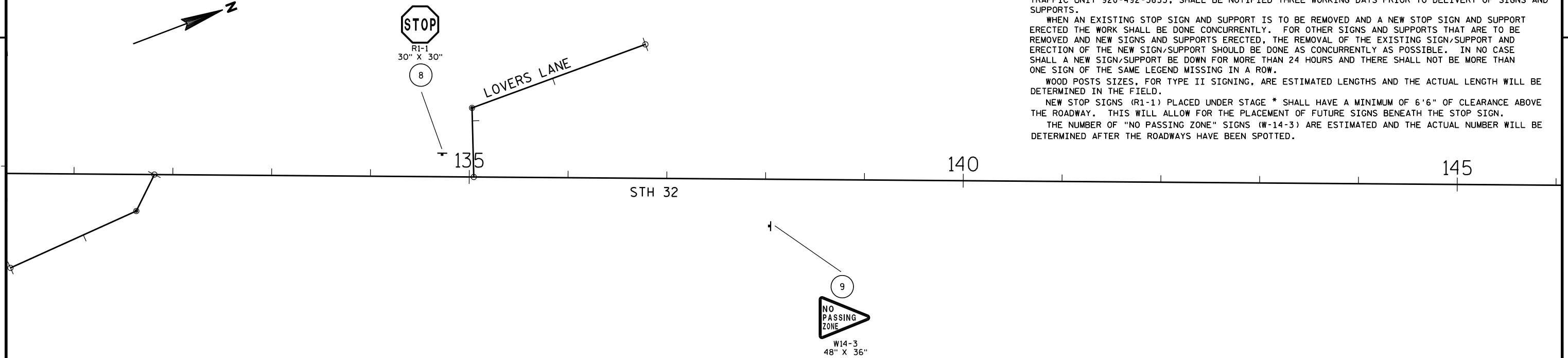
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-  SIGN-REMOVE AND REPLACE
-  SIGN-REMOVE EXISTING
-  SIGN-PLACE NEW

PLAN SHEET PRODUCED  
BY WisDOT-NE REGION

PROJECT NO: 4085-49-60

HWY: STH 32

COUNTY: BROWN

PERMANENT SIGNING

SHEET

E

W14-3  
48" X 36"

12

165

STH 32

170

175

SIGNING NOTES

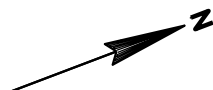
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180

STH 32

185

190



SIGN-REMOVE AND REPLACE



SIGN-REMOVE EXISTING



SIGN-PLACE NEW

13

W14-3  
48" X 36"PLAN SHEET PRODUCED  
BY WisDOT-NE REGION

PROJECT NO: 4085-49-60

HWY: STH 32

COUNTY: BROWN

PERMANENT SIGNING

SHEET

E





## SIGNING NOTES

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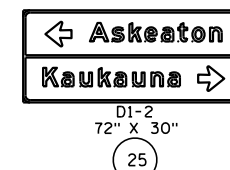
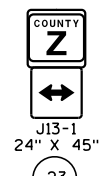
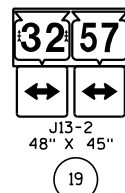
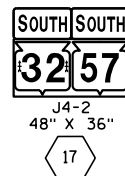
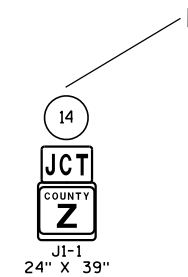
THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.

195

STH 32

200

205



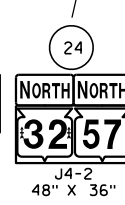
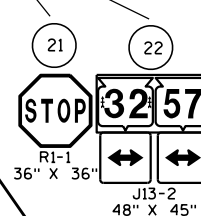
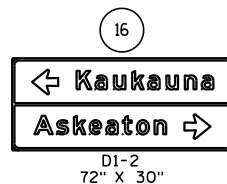
210

215

STH 32

220

- SIGN-REMOVE AND REPLACE
- SIGN-REMOVE EXISTING
- SIGN-PLACE NEW

PLAN SHEET PRODUCED  
BY WisDOT-NE REGION

PROJECT NO: 4085-49-60

HWY: STH 32

COUNTY: BROWN

PERMANENT SIGNING

SHEET

E

SIGNING NOTES

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THE NUMBER OF "NO PASSING ZONE" SIGNS (W-14-3) ARE ESTIMATED AND THE ACTUAL NUMBER WILL BE DETERMINED AFTER THE ROADWAYS HAVE BEEN SPOTTED.



J1-1  
24" X 39"

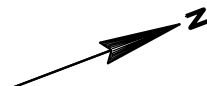
27



225

230

235



W14-3  
48" X 36"

28

240

245

250

○ SIGN-REMOVE AND REPLACE

□ SIGN-REMOVE EXISTING

⬡ SIGN-PLACE NEW

PLAN SHEET PRODUCED  
BY WisDOT-NE REGION

PROJECT NO: 4085-49-60

HWY: STH 32

COUNTY: BROWN

PERMANENT SIGNING

SHEET

E



255

STH 32

260

265

SIGNING NOTES

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R1-1  
30" X 30"

29

LAMERS CLANCY RD

270

275

280

285

STH 32



SIGN-REMOVE AND REPLACE



SIGN-REMOVE EXISTING



SIGN-PLACE NEW

30

R1-1  
30" X 30"

31

R1-1  
30" X 30"

32

W14-3  
48" X 36"PLAN SHEET PRODUCED  
BY WisDOT-NE REGION

PROJECT NO: 4085-49-60

HWY: STH 32

COUNTY: BROWN

PERMANENT SIGNING

SHEET

E



290

295

300

SIGNING NOTES

STH 32

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33

W1-7  
48" X 24"

ST PATS CHURCH RD



34

R1-1  
30" X 30"

305

310

315

STH 32

SIGN-REMOVE AND REPLACE

SIGN-REMOVE EXISTING

SIGN-PLACE NEW

35

J1-1  
24" X 39"PLAN SHEET PRODUCED  
BY WisDOT-NE REGION

PROJECT NO: 4085-49-60

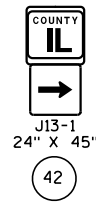
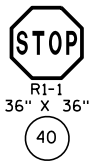
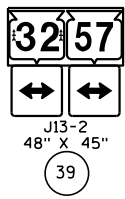
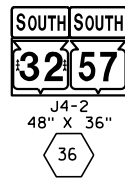
HWY: STH 32

COUNTY: BROWN

PERMANENT SIGNING

SHEET

E



320

STH 32

325

330

## SIGNING NOTES

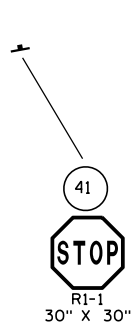
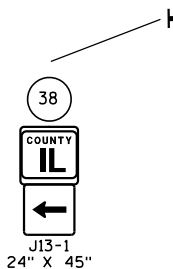
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CTH IL




MILL RD

335

STH 32

340

345

-  SIGN-REMOVE AND REPLACE
-  SIGN-REMOVE EXISTING
-  SIGN-PLACE NEW

PLAN SHEET PRODUCED  
BY WisDOT-NE REGION

PROJECT NO: 4085-49-60

HWY: STH 32

COUNTY: BROWN

PERMANENT SIGNING

SHEET

E

W3-5  
36" X 36"

45

W14-3  
48" X 36"

46

W14-3  
48" X 36"

47



350

355

360

STH 32

## SIGNING NOTES

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48

R2-1  
24" X 30"

49

JI-1  
24" X 39"W2-6  
30" X 30"

51



W2-6P

15  
M.P.M.W13-1  
18" X 18"

53

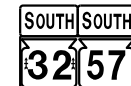
R2-1  
24" X 30"

54

Hilbert	13
Chilton	21
Milwaukee	99

D2-3  
84" X 36"

55

J4-2  
48" X 36"

58

365

370

375

STH 32

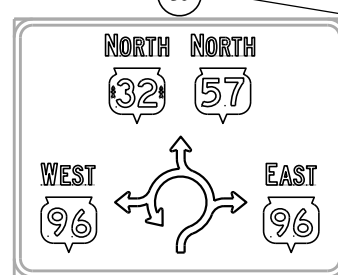
STH 96

SIGN-REMOVE AND REPLACE

SIGN-REMOVE EXISTING

SIGN-PLACE NEW

50

I2-3  
60" X 24"D1-62  
108" X 84"

57



W11-2

59

W3-2  
36" X 36"

60

D1-3  
84" X 42"PLAN SHEET PRODUCED  
BY WISDOT-NE REGION

PROJECT NO: 4085-49-60

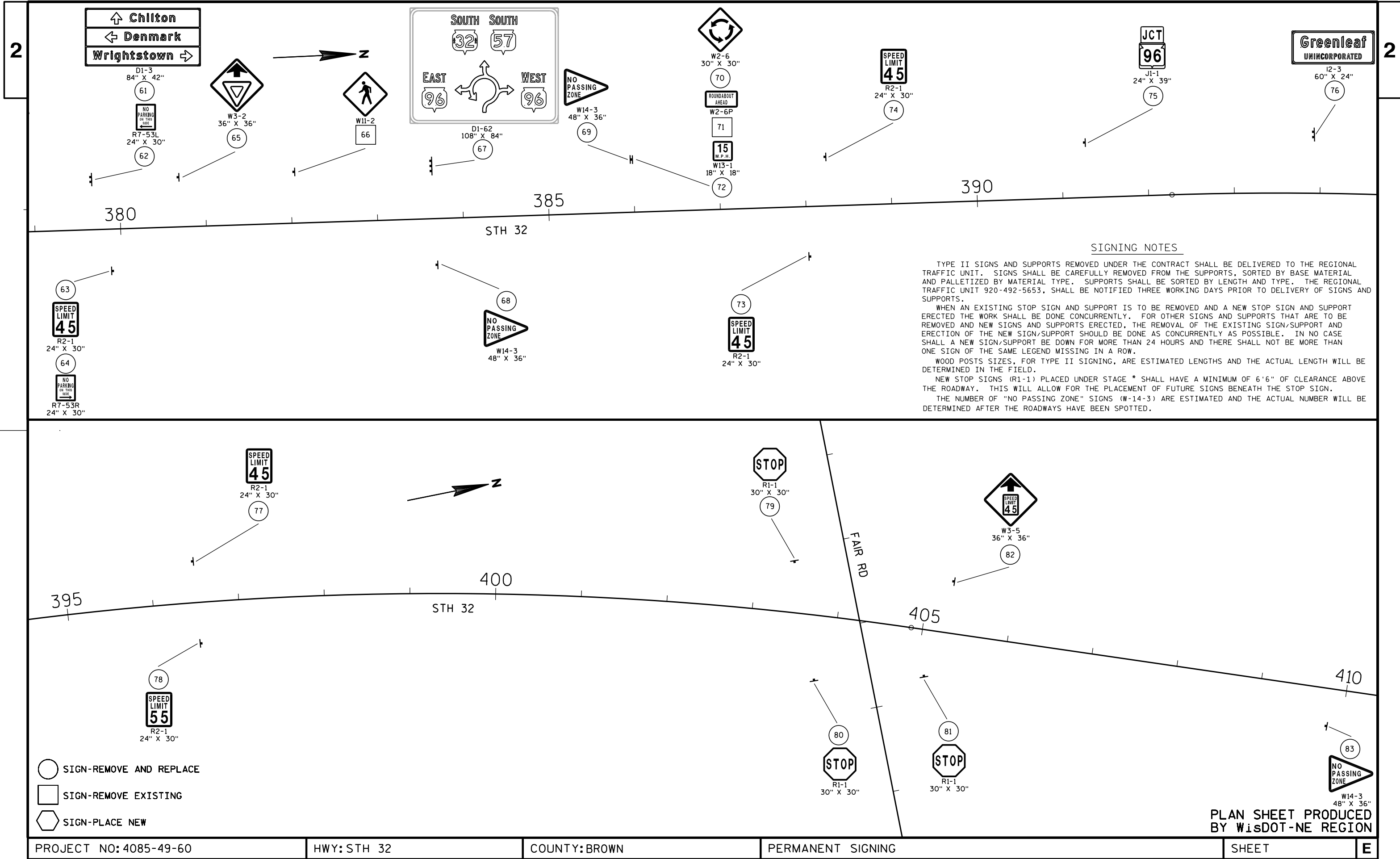
HWY: STH 32

COUNTY: BROWN

PERMANENT SIGNING

SHEET

E







415

420

425

STH 32

SIGNING NOTES

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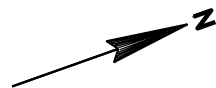
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De Pere 9  
Green Bay 14

D2-3  
78" X 24"



NO  
PASSING  
ZONE

W14-3  
48" X 36"

85



I55-56  
30" X 36"

87



R1-1  
30" X 30"

88

OAKVIEW LN

430

435

440

STH 32

DEUSTER ST



I55-56  
30" X 36"

86



R1-1  
30" X 30"

89

○ SIGN-REMOVE AND REPLACE

□ SIGN-REMOVE EXISTING

⬡ SIGN-PLACE NEW

PLAN SHEET PRODUCED  
BY WisDOT-NE REGION

PROJECT NO: 4085-49-60

HWY: STH 32

COUNTY: BROWN

PERMANENT SIGNING

SHEET

E

DATE 20MAR14		E S T I M A T E O F Q U A N T I T I E S			
LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	4085-49-60 QUANTITY
0010	203.0100	REMOVING SMALL PIPE CULVERTS	EACH	2.000	2.000
0020	204.0115	REMOVING ASPHALTIC SURFACE BUTT JOINTS **P**	SY	132.000	132.000
0030	204.0120	REMOVING ASPHALTIC SURFACE MILLING **P**	SY	118,378.000	118,378.000
0040	205.0100	EXCAVATION COMMON	CY	53.000	53.000
0050	213.0100	FINISHING ROADWAY (PROJECT) 01. 4085-49-60	EACH	1.000	1.000
0060	305.0110	BASE AGGREGATE DENSE 3/4-INCH	TON	2,200.000	2,200.000
0070	305.0500	SHAPING SHOULDERS	STA	645.000	645.000
0080	440.4410.S	INCENTIVE IRI RIDE	DOL	26,300.000	26,300.000
0090	455.0105	ASPHALTIC MATERIAL PG58-28	TON	798.000	798.000
0100	455.0605	TACK COAT	GAL	3,163.000	3,163.000
0110	460.1103	HMA PAVEMENT TYPE E-3	TON	14,516.000	14,516.000
0120	460.2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	9,300.000	9,300.000
0130	460.4110.S	REHEATING HMA PAVEMENT LONGITUDINAL JOINTS	LF	34,700.000	34,700.000
0140	465.0110	ASPHALTIC SURFACE PATCHING	TON	1,232.000	1,232.000
0150	465.0475	ASPHALT CENTER LINE RUMBLE STRIP 2-LANE RURAL	LF	25,460.000	25,460.000
0160	618.0100	MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) 01. 4085-49-60	EACH	1.000	1.000
0170	619.1000	MOBILIZATION	EACH	1.000	1.000
0180	625.0100	TOPSOIL	SY	200.000	200.000
0190	627.0200	MULCHING	SY	200.000	200.000
0200	628.1504	SILT FENCE	LF	200.000	200.000
0210	628.1520	SILT FENCE MAINTENANCE	LF	200.000	200.000
0220	628.1905	MOBILIZATIONS EROSION CONTROL	EACH	2.000	2.000
0230	628.2002	EROSION MAT CLASS I TYPE A	SY	200.000	200.000
0240	628.7504	TEMPORARY DITCH CHECKS	LF	100.000	100.000
0250	629.0210	FERTILIZER TYPE B	CWT	0.200	0.200
0260	630.0120	SEEDING MIXTURE NO. 20	LB	6.000	6.000
0270	634.0614	POSTS WOOD 4X6-INCH X 14-FT	EACH	66.000	66.000
0280	634.0616	POSTS WOOD 4X6-INCH X 16-FT	EACH	24.000	24.000
0290	634.0618	POSTS WOOD 4X6-INCH X 18-FT	EACH	6.000	6.000
0300	637.2210	SIGNS TYPE II REFLECTIVE H	SF	651.940	651.940
0310	637.2230	SIGNS TYPE II REFLECTIVE F	SF	133.000	133.000
0320	638.2602	REMOVING SIGNS TYPE II	EACH	106.000	106.000
0330	638.3000	REMOVING SMALL SIGN SUPPORTS	EACH	89.000	89.000
0340	642.5001	FIELD OFFICE TYPE B	EACH	1.000	1.000
0350	643.0100	TRAFFIC CONTROL (PROJECT) 01. 4085-49-60	EACH	1.000	1.000
0360	643.0300	TRAFFIC CONTROL DRUMS	DAY	300.000	300.000
0370	643.0715	TRAFFIC CONTROL WARNING LIGHTS TYPE C	DAY	75.000	75.000
0380	643.0900	TRAFFIC CONTROL SIGNS	DAY	960.000	960.000
0390	643.1050	TRAFFIC CONTROL SIGNS PCMS	DAY	14.000	14.000
0400	646.0406	PAVEMENT MARKING SAME DAY EPOXY 4-INCH	LF	48,000.000	48,000.000
0410	648.0100	LOCATING NO-PASSING ZONES	MI	5.880	5.880
0420	649.0100	TEMPORARY PAVEMENT MARKING 4-INCH	LF	24,000.000	24,000.000
0430	650.8000	CONSTRUCTION STAKING RESURFACING REFERENCE	LF	34,740.000	34,740.000
0440	650.9910	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 01. 4085-49-60	LS	1.000	1.000
0450	690.0150	SAWING ASPHALT	LF	570.000	570.000
0460	SPV.0090	SPECIAL 01. GROOVED WET REFLECTIVE EPOXY 4-INCH	LF	69,480.000	69,480.000

DATE 20MAR14			E S T I M A T E O F Q U A N T I T I E S		
LINE			4085-49-60		
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0470	SPV. 0090	SPECIAL 02. MILLING AND REMOVING TEMPORARY JOINT	LF	34,700.000	34,700.000

REMOVING ASPHALTIC SURFACE BUTT JOINTS

				204. 0115 **p**	
STATION	TO	STATION	LOCATION	SY	REMARKS
CATEGORY 0010					
100+00.00	-	100+02.00	STH 32	7	BEGINNING OF PROJECT
101+50.00	-	101+50.00	CTH KK	7	WEST OF STH 32
101+50.00	-	101+50.00	N COUNTY LINE ROAD	7	EAST OF STH 32
158+00.00	-	158+00.00	WAYSIDE ROAD	7	WEST OF STH 32
158+00.00	-	158+00.00	WAYSIDE ROAD	7	EAST OF STH 32
214+20.00	-	214+20.00	CTH Z	7	WEST OF STH 32
214+20.00	-	214+20.00	CTH Z	7	EAST OF STH 32
270+90.00	-	270+90.00	LAMERS CLANCY ROAD	7	WEST OF STH 32
270+90.00	-	270+90.00	LAMERS CLANCY ROAD	7	EAST OF STH 32
298+00.00	-	298+00.00	ST. PATS CHURCH ROAD	7	EAST OF STH 32
324+30.00	-	324+30.00	CTH IL	7	WEST OF STH 32
324+30.00	-	324+30.00	MILL ROAD	7	EAST OF STH 32
374+98.00	-	375+00.00	STH 32	7	S. SIDE RAB
379+60.00	-	379+62.00	STH 32	7	N. SIDE RAB
404+25.00	-	404+25.00	FAIR ROAD	7	WEST OF STH 32
404+25.00	-	404+25.00	FAIR ROAD	7	EAST OF STH 32
433+00.00	-	433+00.00	OAK VIEW LANE	7	WEST OF STH 32
439+00.00	-	439+00.00	DEUSTER STREET	7	EAST OF STH 32
451+98.00	-	452+00.00	STH 32	7	END OF PROJECT

TOTAL 132

DRIVEWAY REMOVALS

		203. 0100 REMOVING SMALL PIPE CULVERTS EACH	205. 0100 EXCAVATION COMMON CY	625. 0100 TOPSOIL SY	627. 0200 MULCHING SY	628. 2002 EROSION MAT CLASS I TYPE A SY	629. 0210 FERTILIZER TYPE B CWT	630. 0120 SEEDING MIXTURE NO. 20 LB	REMARKS
CATEGORY 0010									
DRIVEWAY 350' SOUTH OF OLD MARTIN ROAD	STH 32	1	55	100	100	100	0.1	3	LOCATED APPROX 4.6 MILES N. OF RESURFACING PROJECT LIMITS
DRIVEWAY 50' NORTH OF HJORTH ROAD	STH 32	1	25	100	100	100	0.1	3	LOCATED APPROX 1.4 MILES N. OF RESURFACING PROJECT LIMITS

TOTAL 2 80 200 200 200 0.2 6

REMOVING ASPHALTIC SURFACE MILLING

				204. 0120 **p**	
STATION	TO	STATION	LOCATION	SY	REMARKS
CATEGORY 0010					
100+00.00	-	135+00.00	STH 32	11,667	BEGINNING OF PROJECT TO LOVERS LANE
135+00.00	-	151+60.00	STH 32	5,533	LOVERS LANE TO B-05-262
152+00.00	-	158+00.00	STH 32	2,000	B-05-262 TO WAYSIDE ROAD
158+00.00	-	214+10.00	STH 32	18,700	WAYSIDE ROAD TO CTH Z
214+10.00	-	270+90.00	STH 32	18,933	CTH Z TO LAMERS CLANCY ROAD
270+90.00	-	298+00.00	STH 32	9,033	LAMERS CLANCY ROAD TO ST PATS CHURCH ROAD
298+00.00	-	324+30.00	STH 32	8,767	ST PATS CHURCH ROAD TO CTH IL
324+30.00	-	375+00.00	STH 32	16,900	CTH IL TO RAB
379+60.00	-	404+00.00	STH 32	10,844	RAB TO FAIR ROAD
404+00.00	-	433+00.00	STH 32	9,667	FAIR ROAD TO OAKVIEW LANE
433+00.00	-	452+00.00	STH 32	6,333	OAKVIEW LANE TO END OF PROJECT

TOTAL 118,378

SHOULDER WORK

					305. 0110 BASE AGGREGATE 3/4" TON	305. 0500  SHAPI NG SHOULDER S STA
STATION	TO	STATION	DIR	LOCATION		
CATEGORY 0010						
100+00. 00	-	375+00. 00	LT & RT	STH 32	1, 900	550
404+50. 00	-	452+00. 00	LT & RT	STH 32	300	95

TOTAL 2, 200 645

ASPHALTIC MATERIALS

				455. 0105 ASPHALTIC MATERI AL PG58-28 TON	455. 0605  TACK COAT GAL	460. 1103 HMA PAVEMENT TYPE E-3 TON	460. 4110. S REHEATING HMA PAVEMENT LONGI TUDI NAL JOI NT LF	465. 0110 ASPHALTIC SURFACE PATCHI NG TON	465. 0475 CENTER LI NE RUMBLE STRI P 2 LANE RURAL LF	
STATION	TO	STATION	LOCATION							REMARKS
CATEGORY 0010										
100+00. 00	-	151+60. 00	STH 32	116	459	2, 108	5, 160	--	5, 160	BEGINNING OF PROJECT TO B-05-262
152+00. 00	-	355+00. 00	STH 32	459	1, 820	8, 353	20, 300	--	20, 300	B-05-262 TO 45 MPH ZONE
355+00. 00		375+00. 00	STH 32	42	167	767	2, 000	--	--	45 MPH ZONE TO RAB
379+60. 00	-	404+00. 00	STH 32	73	291	1, 335	2, 440	--	--	RAB TO FAIR ROAD
404+00. 00	-	452+00. 00	STH 32	107	426	1, 953	4, 800	--	--	FAIR ROAD TO END OF PROJECT
100+00. 00	-	201+00. 00	STH 32	--	--	--	--	1, 032	--	SB SHOULDER EDGE TO OUTSIDE WHEEL PATH - APPROX 4' WIDTH
UNDI STRI BUTED			STH 32	--	--	--	--	200	--	AS NEEDED; LOCATIONS TO BE DETERMINED IN FIELD

TOTAL 798 3, 163 14, 516 34, 700 1, 232 25, 460

EROSION CONTROL

LOCATION	LOCATION	628. 1504  SILT FENCE LF	628. 1520  SILT FENCE MAINTENANCE LF	628. 1905 MOBILIZATIONS EROSION CONTROL EACH	628. 7504 TEMPORARY DITCH CHECKS LF
CATEGORY 0010					
DRIVEWAY 350' SOUTH OF OLD MARTIN ROAD	STH 32	100	100	1	50
DRIVEWAY 50' NORTH OF HJORTH ROAD	STH 32	100	100	1	50

TOTAL 200 200 2 100

TRAFFIC CONTROL

LOCATION/STAGE	643. 0300	643. 0715	APPROX.		643. 0900	APPROX.		643. 1050	REMARKS
	TRAFFIC CONTROL DRUMS DAYS	TRAFFIC CONTROL WARNING LIGHTS TYPE C DAYS	SERVI CE PERI OD DAYS		SIGN DAYS	SERVI CE PERI OD DAYS		PCMS DAYS	
CATEGORY 0010									
ADVANCE WARNING									
PROJECT LIMITS, NB	--	--	30	5	150	7	1	7	INSTALL PCMS PRIOR TO START OF CONSTRUCTION
PROJECT LIMITS, SB	--	--	30	5	150	7	1	7	INSTALL PCMS PRIOR TO START OF CONSTRUCTION
SIDE ROADS									
CTH KK	--	--	30	2	60	--	--	--	ADVANCE WARNING
CTH Z	--	--	30	4	120	--	--	--	ADVANCE WARNING
CTH IL	--	--	30	2	60	--	--	--	ADVANCE WARNING
SIDE ROADS									
N COUNTY LINE ROAD	--	--	30	1	30	--	--	--	ADVANCE WARNING
LOVERS LANE	--	--	30	1	30	--	--	--	ADVANCE WARNING
WAYSIDE ROAD	--	--	30	2	60	--	--	--	ADVANCE WARNING
LAMERS CLANCY ROAD	--	--	30	2	60	--	--	--	ADVANCE WARNING
BRIGHT PENNY COURT	--	--	30	1	30	--	--	--	ADVANCE WARNING
ST PATS CHURCH ROAD	--	--	30	1	30	--	--	--	ADVANCE WARNING
MILL ROAD	--	--	30	2	60	--	--	--	ADVANCE WARNING
FAIR ROAD	--	--	30	2	60	--	--	--	ADVANCE WARNING
OAK VIEW LANE	--	--	30	1	30	--	--	--	ADVANCE WARNING
DEUSTER STREET	--	--	30	1	30	--	--	--	ADVANCE WARNING
UNDISTRIBUTED	300	75	--	--	--	--	--	--	FOR DRIVEWAY AND SHOULDER WORK AS NEEDED
TOTALS	300	75			960			14	

LOCATING NO-PASSING ZONES

				648. 0100
STATION	TO	STATION	LOCATION	MI
CATEGORY 0010				
100+00. 00	-	355+00. 00	STH 32	4. 83
396+50. 00	-	452+00. 00	STH 32	1. 05

TOTAL 5. 88

PAVEMENT MARKING

				SPV. 0090. 01 GROOVED WET REFLECTIVE EPOXY 4-INCH WHITE LF	646. 0406 SAME DAY EPOXY 4-INCH YELLOW LF	649. 0100 TEMPORARY 4-INCH MILLED SURFACE LF	
STATION	TO	STATION	LOCATION				REMARKS
CATEGORY 0010							
100+00. 00	-	135+00. 00	STH 32	7, 000	5, 300	2, 650	BEGINNING OF PROJECT TO LOVERS LANE
135+00. 00	-	158+00. 00	STH 32	4, 600	1, 900	950	LOVERS LANE TO WAYSIDE ROAD
158+00. 00	-	214+10. 00	STH 32	11, 220	5, 800	2, 900	WAYSIDE ROAD TO CTH Z
214+10. 00	-	270+90. 00	STH 32	11, 360	7, 050	3, 525	CTH Z TO LAMERS CLANCY ROAD
270+90. 00	-	298+00. 00	STH 32	5, 420	1, 700	850	LAMERS CLANCY ROAD TO ST PATS CHURCH ROAD
298+00. 00	-	324+30. 00	STH 32	5, 260	1, 300	650	ST PATS CHURCH ROAD TO CTH I L
324+30. 00	-	375+00. 00	STH 32	10, 140	10, 300	5, 150	CTH I L TO RAB
379+60. 00	-	404+30. 00	STH 32	4, 940	6, 300	3, 150	RAB TO FAIR ROAD
404+30. 00	-	433+00. 00	STH 32	5, 740	3, 750	1, 875	FAIR ROAD TO OAKVIEW LANE
433+00. 00	-	452+00. 00	STH 32	3, 800	4, 600	2, 300	OAKVIEW LANE TO END OF PROJECT

TOTAL 69, 480 48, 000 24, 000

NOTE: SAME DAY EPOXY 4-INCH YELLOW QUANTITY IS FOR 2 LAYERS OF EPOXY. 17.6 GALLONS PER MILE SHALL BE APPLIED FOR THE FIRST APPLICATION AND 22.0 GALLONS PER MILE SHALL BE APPLIED FOR THE FINAL APPLICATION ON RUMBLE STRIP SURFACES.

REMOVING HMA PAVEMENT NOTCHED WEDGE LONGITUDINAL JOINT MILLING

				SPV. 0090. 02	
STATION	TO	STATION	LOCATION	LF	REMARKS
CATEGORY 0010					
100+00. 00	-	135+00. 00	STH 32	3, 500	BEGINNING OF PROJECT TO LOVERS LANE
135+00. 00	-	151+60. 00	STH 32	1, 660	LOVERS LANE TO B-05-262
152+00. 00	-	158+00. 00	STH 32	600	B-05-262 TO WAYSIDE ROAD
158+00. 00	-	214+10. 00	STH 32	5, 610	WAYSIDE ROAD TO CTH Z
214+10. 00	-	270+90. 00	STH 32	5, 680	CTH Z TO LAMERS CLANCY ROAD
270+90. 00	-	298+00. 00	STH 32	2, 710	LAMERS CLANCY ROAD TO ST PATS CHURCH ROAD
298+00. 00	-	324+30. 00	STH 32	2, 630	ST PATS CHURCH ROAD TO CTH I L
324+30. 00	-	375+00. 00	STH 32	5, 070	CTH I L TO RAB
379+60. 00	-	404+00. 00	STH 32	2, 440	RAB TO FAIR ROAD
404+00. 00	-	433+00. 00	STH 32	2, 900	FAIR ROAD TO OAKVIEW LANE
433+00. 00	-	452+00. 00	STH 32	1, 900	OAKVIEW LANE TO END OF PROJECT

TOTAL 34, 700

CONSTRUCTION STAKING

				650. 8000  RESURFACING REFERENCE LF
STATION	TO	STATION	LOCATION	
CATEGORY 0010				
100+00. 00	-	375+00. 00	STH 32	27, 500
379+60. 00	-	452+00. 00	STH 32	7, 240

TOTAL 34, 740

SAWING ASPHALT

		690. 0150	
STATION	LOCATION	LF	REMARKS
CATEGORY 0010			
100+00. 00	STH 32	30	BEGINNING OF PROJECT
101+50. 00	CTH KK - WEST	30	MATCH TO EXISTING JOINT
101+50. 00	N COUNTY LINE ROAD - EAST	25	MATCH TO EXISTING JOINT
158+00. 00	WAYSIDE ROAD - WEST	25	MATCH TO EXISTING JOINT
158+00. 00	WAYSIDE ROAD - EAST	30	MATCH TO EXISTING JOINT
214+20. 00	CTH Z - WEST	40	MATCH TO EXISTING JOINT
214+20. 00	CTH Z - EAST	35	MATCH TO EXISTING JOINT
270+90. 00	LAMERS CLANCY ROAD - WEST	25	MATCH TO EXISTING JOINT
270+90. 00	LAMERS CLANCY ROAD - EAST	25	MATCH TO EXISTING JOINT
298+00. 00	ST. PATS CHURCH ROAD - EAST	35	MATCH TO EXISTING JOINT
324+30. 00	CTH I L - WEST	40	MATCH TO EXISTING JOINT
324+30. 00	MILL ROAD - EAST	30	MATCH TO EXISTING JOINT
374+98. 00	STH 32	30	SOUTH SIDE RAB
379+60. 00	STH 32	30	NORTH SIDE RAB
404+25. 00	FAIR ROAD - WEST	30	MATCH TO EXISTING JOINT
404+25. 00	FAIR ROAD - EAST	30	MATCH TO EXISTING JOINT
433+00. 00	OAK VIEW LANE - WEST	30	MATCH TO EXISTING JOINT
439+00. 00	DEUSTER STREET - EAST	20	MATCH TO EXISTING JOINT
452+00. 00	STH 32	30	END OF PROJECT

TOTAL 570



ERECTION & REMOVAL OF PERMANENT SIGNING, TYPE II

SIGN NO.	LOCATION	SIGN CODE	W X H	637. 2210 SIGNS TYPE II REFLECTIVE TYPE H S. F.	637. 2230 SIGNS TYPE II REFLECTIVE TYPE F S. F.	634. 0614 POSTS WOOD 4x6x14 EACH	634. 0616 POSTS WOOD 4x6x16 EACH	634. 0618 POSTS WOOD 4x6x18 EACH	638. 2602 REMOVING SIGNS TYPE II EACH	638. 3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
1	STH 32/57, S. OF MANCAL RD	I 2-2	66" X 15"	6. 88		2			1	2	CALUMET CO, SEE SIGN DETAIL SHEET
2	MANCAL RD	R1-1	30" X 30"	5. 18		1			1	1	
2A	"	R1-1	30" X 30"	5. 18		1			1	1	
3	"	R1-1	30" X 30"	5. 18		1			1	1	
4	"	R1-1	30" X 30"	5. 18		1			1	1	
5	STH 32/57, N. OF MANCAL RD	I 2-2	54" X 15"	5. 63		2			1	2	BROWN CO, SEE SIGN DETAIL SHEET
6	VACANT										
7	STH 32/57, N. OF MANCAL RD	W14-3	48" X 36"		6. 00	1			1	1	
8	LOVERS LN	R1-1	30" X 30"	5. 18		1			1	1	
9	STH 32/57, N. OF LOVERS LN	W14-3	48" X 36"		6. 00	1			1	1	
10	WAYSIDE RD	R1-1	30" X 30"	5. 18		1			1	1	
11	"	R1-1	30" X 30"	5. 18		1			1	1	
12	STH 32/57, N. OF WAYSIDE RD	W14-3	48" X 36"		6. 00	1			1	1	
13	"	W14-3	48" X 36"		6. 00	1			1	1	
14	"	J1-1	24" X 39"	6. 50			1		2	1	JCT CTH Z
15	"	R2-1	24" X 30"	5. 00		1					55 MPH
16	"	D1-2	72" X 30"	15. 00		2			1	2	KAUKAUNA, ASKEATON, SEE SIGN DETAIL SHEET
17	"	J4-2	48" X 36"	12. 00		1					SOUTH STH 32, SOUTH STH 57
18	"	J13-1	24" X 45"	7. 50			1		2	1	CTH Z, SEE PLAN SHEET
19	CTH Z	J13-2	48" X 45"	15. 00			1		4	1	STH 32, STH 57, SEE PLAN SHEET
20	"	R1-1	36" X 36"	7. 46		1					
21	"	R1-1	36" X 36"	7. 46		1					
22	"	J13-2	48" X 45"	15. 00			1		4	1	STH 32, STH 57, SEE PLAN SHEET
23	STH 32/57, N. OF CTH Z	J13-1	24" X 45"	7. 50			1		2	1	CTH Z, SEE PLAN SHEET
24	"	J4-2	48" X 36"	12. 00		1			4	1	NORTH STH 32, NORTH STH 57
25	"	D1-2	72" X 30"	15. 00		2			1	2	ASKEATON, KAUKAUNA, SEE SIGN DETAIL SHEET
26	"	I 55-56	30" X 36"	7. 50		1			1	1	JIMMY BUFFET PARROTHEADS GREEN BAY
26A	"	R2-1	24" X 30"	5. 00		1					55 MPH
27	"	J1-1	24" X 39"	6. 50			1		2	1	JCT CTH Z
28	"	W14-3	48" X 36"		6. 00	1			1	1	
29	LAMERS CLANCY RD	R1-1	30" X 30"	5. 18		1			1	1	
30	"	R1-1	30" X 30"	5. 18		1			1	1	
31	"	R1-1	30" X 30"	5. 18		1			1	1	
32	STH 32/57, N. OF LAMERS CLANCY RD	W14-3	48" X 36"		6. 00	1			1	1	
33	ST PATS CHURCH RD	W1-7	48" X 24"		8. 00	1			1	1	
34	"	R1-1	30" X 30"	5. 18		1			1	1	
35	STH 32/57, N. OF ST PATS CHURCH RD	J1-1	24" X 39"	6. 50			1		2	1	JCT CTH IL
35A	"	R2-1	24" X 30"	5. 00		1					55 MPH
36	"	J4-2	48" X 36"	12. 00		1					SOUTH STH 32, SOUTH STH 57
37	"	I 55-56	30" X 36"	7. 50		1			1	1	JIMMY BUFFET PARROTHEADS GREEN BAY
PAGE SUBTOTALS				244. 90	44. 00	36	7	0	46	36	

PLAN SHEET PRODUCED  
BY WisDOT - NE REGION

ERECTION & REMOVAL OF PERMANENT SIGNING, TYPE II

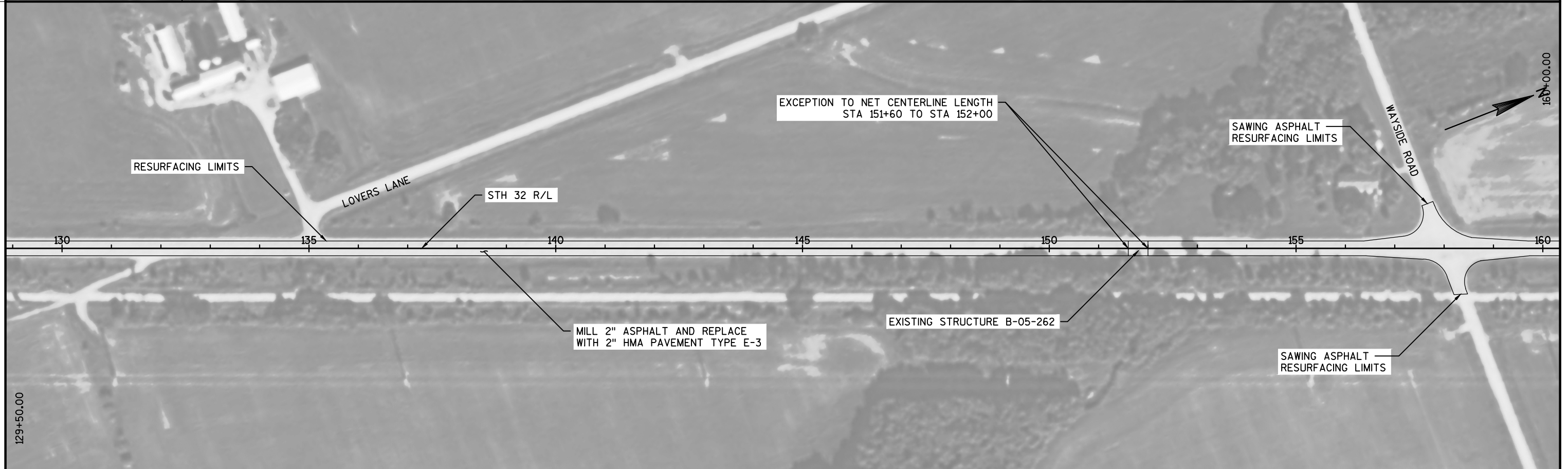
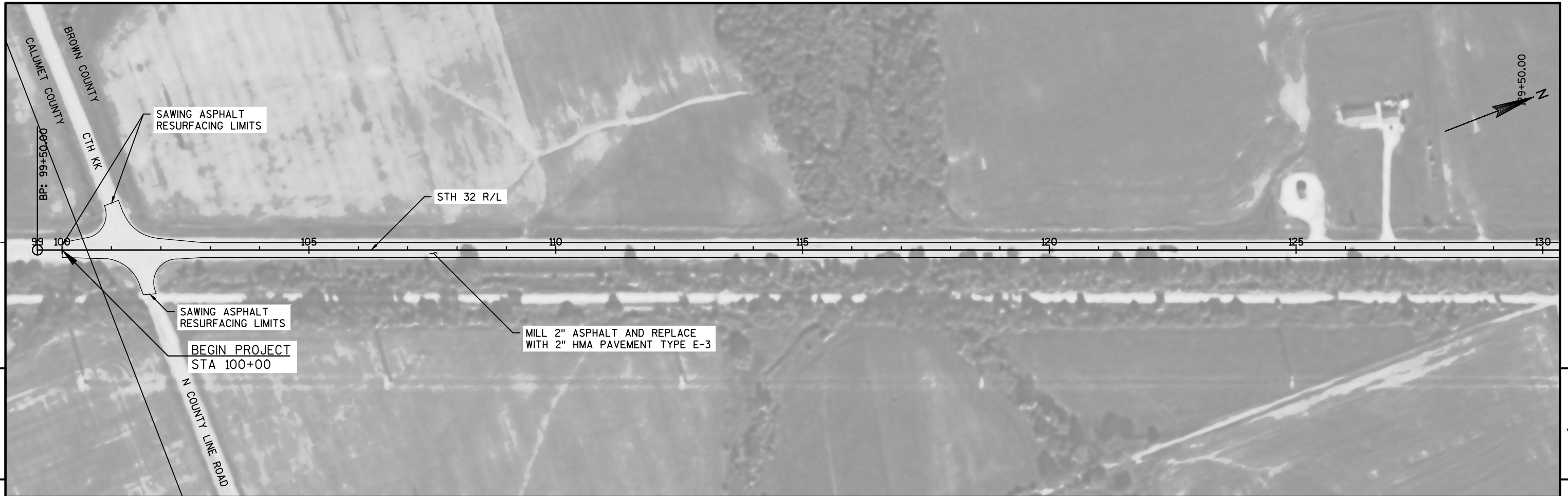
SIGN NO.	LOCATION	SIGN CODE	W X H	637. 2210 SIGNS TYPE II REFLECTIVE TYPE H S. F.	637. 2230 SIGNS TYPE II REFLECTIVE TYPE F S. F.	634. 0614 POSTS WOOD 4x6x14 EACH	634. 0616 POSTS WOOD 4x6x16 EACH	634. 0618 POSTS WOOD 4x6x18 EACH	638. 2602 REMOVING SIGNS TYPE II EACH	638. 3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
38	STH 32/57, N. OF ST PATS CHURCH RD	J13-1	24" X 45"	7.50			1		2	1	CTH IL, SEE PLAN SHEET
39	CTH IL	J13-2	48" X 45"	15.00			1		4	1	STH 32, STH 57, SEE PLAN SHEET
40	"	R1-1	36" X 36"	7.46		1			1	1	
41	MILL RD	R1-1	30" X 30"	5.18		1			1	1	
42	STH 32/57, N. OF CTH IL	J13-1	24" X 45"	7.50			1		2	1	CTH IL, SEE PLAN SHEET
43	"	J4-2	48" X 36"	12.00		1					NORTH STH 32, NORTH STH 57
44	"	I55-56	30" X 36"	7.50		1			1	1	GREENLEAF 4-H CLUB
44A	"	R2-1	24" X 30"	5.00		1					55 MPH
45	"	W3-5	36" X 36"		9.00		1		1	1	45 MPH
46	"	W14-3	48" X 36"		6.00				1		MOUNT ON BACK OF SIGN #45
47	"	W14-3	48" X 36"		6.00	1			1	1	
48	"	R2-1	24" X 30"	5.00		1			1	1	45 MPH
49	"	J1-1	24" X 39"	6.50			1		2	1	JCT STH 96
50	"	I2-3	60" X 24"	10.00		2			1	2	GREENLEAF, SEE SIGN DETAIL SHEET
51	"	W2-6	30" X 30"		6.25		1		1	1	
52	"	W2-6P							1		
53	"	W13-1	18" X 18"		2.25				1		MOUNT BELOW SIGN #51
54	"	R2-1	24" X 30"	5.00		1			1	1	55 MPH
55	"	D2-3	84" X 36"	21.00			2		1	2	SEE SIGN DETAIL SHEET
56	"	D1-62	108" X 84"	63.00				3	1	3	SEE SIGN DETAIL SHEET
57	"	W11-2							1	1	
58	"	J4-2	48" X 36"	12.00		1			4	1	SOUTH STH 32, SOUTH STH 57
59	"	W3-2	36" X 36"		9.00		1		1	1	
60	"	D1-3	84" X 42"	24.50			2		1	2	GREEN BAY, WRIGHTSTOWN, DENMARK, SEE SIGN DETAIL SHEET
61	STH 32/57, N. OF STH 96 RAB	D1-3	84" X 42"	24.50			2		1	2	CHILTON, DENMARK, WRIGHTSTOWN, SEE SIGN DETAIL SHEET
62	"	R7-53L	24" X 30"	5.00					1		MOUNT TO THE LEFT POST BELOW SIGN #61
63	"	R2-1	24" X 30"	5.00		1			1	1	45 MPH
64	"	R7-53R	24" X 30"	5.00					1		MOUNT TO THE LEFT POST BELOW SIGN #63
65	"	W3-2	36" X 36"		9.00		1		1	1	
66	"	W11-2							1	1	
67	"	D1-62	108" X 84"	63.00				3	1	3	SEE SIGN DETAIL SHEET
68	"	W14-3	48" X 36"		6.00	1			1	1	
69	"	W14-3	48" X 36"		6.00		1		1	1	
70	"	W2-6	30" X 30"		6.25				1		MOUNT ON BACK OF SIGN #69
71	"	W2-6P									
72	"	W13-1	18" X 18"		2.25				1		15 MPH, MOUNT BELOW SIGN #70
73	"	R2-1	24" X 30"	5.00		1			1	1	45 MPH
PAGE SUBTOTALS				321.64	68.00	14	15	6	43	35	

PLAN SHEET PRODUCED  
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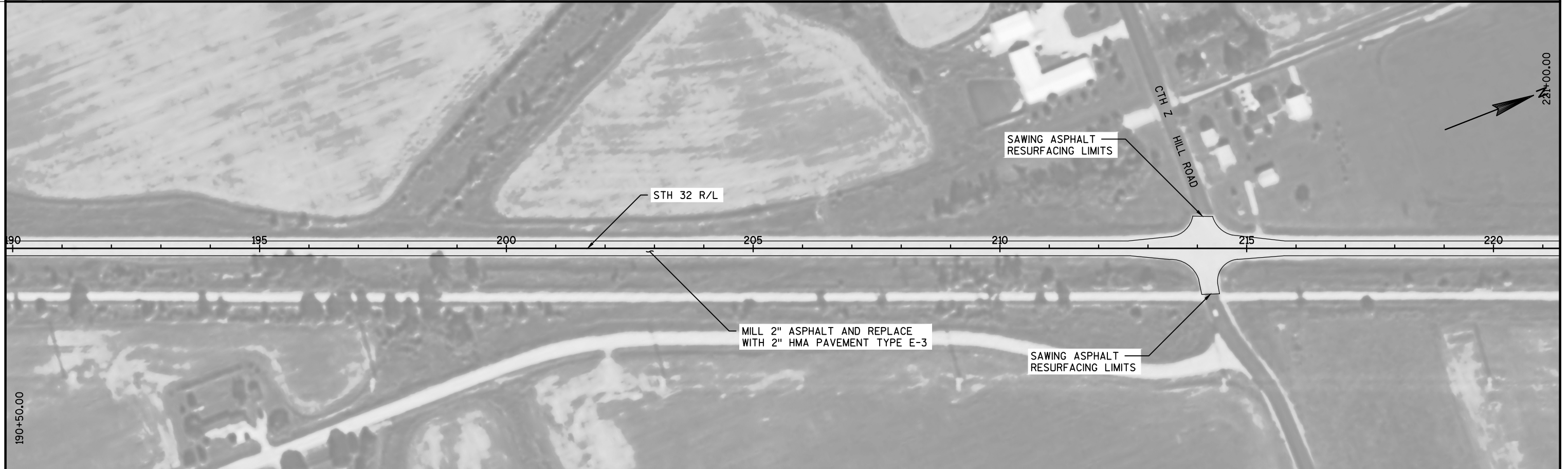
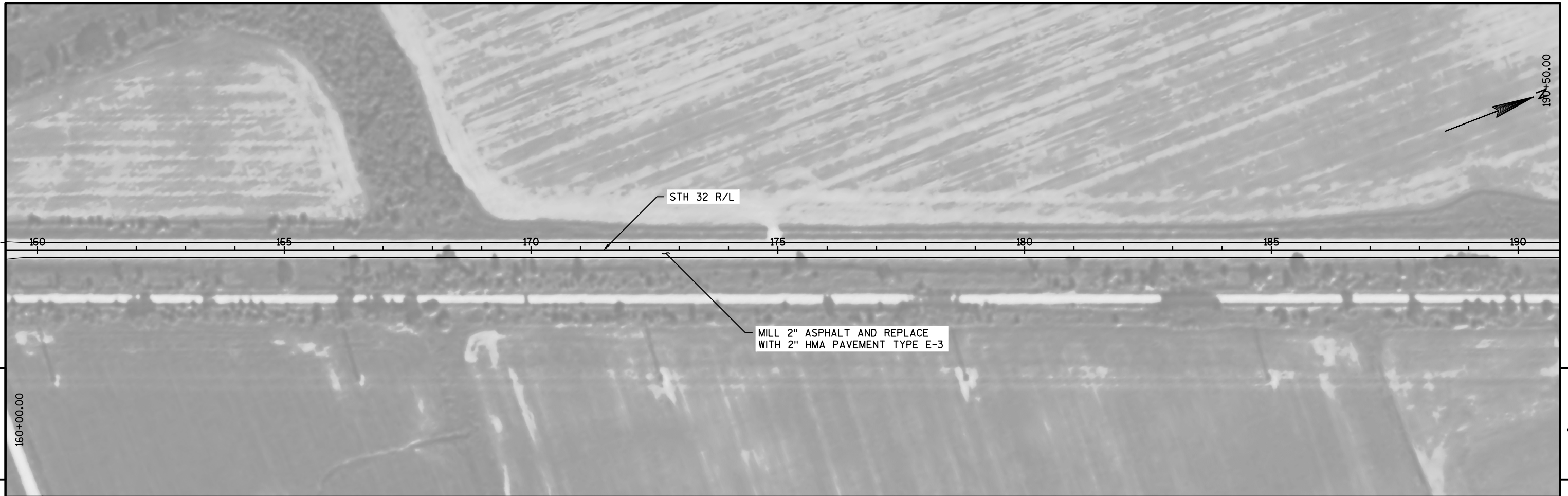
ERECTION & REMOVAL OF PERMANENT SIGNING, TYPE II

SIGN NO.	LOCATION	SIGN CODE	W X H	637. 2210 SIGNS TYPE II REFLECTIVE TYPE H S. F.	637. 2230 SIGNS TYPE II REFLECTIVE TYPE F S. F.	634. 0614 POSTS WOOD 4x6x14 EACH	634. 0616 POSTS WOOD 4x6x16 EACH	634. 0618 POSTS WOOD 4x6x18 EACH	638. 2602 REMOVING SIGNS TYPE II EACH	638. 3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
74	STH 32/57, N. OF STH 96 RAB	R2-1	24" X 30"	5.00		1			1	1	45 MPH
75	"	J1-1	24" X 39"	6.50			1		2	1	JCT STH 96
76	"	I2-3	60" X 24"	10.00		2			1	2	GREENLEAF, SEE SIGN DETAIL SHEET
77	"	R2-1	24" X 30"	5.00		1			1	1	45 MPH
78	"	R2-1	24" X 30"	5.00		1			1	1	55 MPH
79	FAIR RD	R1-1	30" X 30"	5.18		1			1	1	
80	"	R1-1	30" X 30"	5.18		1			1	1	
81	"	R1-1	30" X 30"	5.18		1			1	1	
82	STH 32/57, N. OF FAIR RD	W3-5	36" X 36"		9.00		1		1	1	45 MPH
83	"	W14-3	48" X 36"		6.00	1			1	1	
84	"	D2-2	78" X 24"	13.00		2			1	2	DEPERE 9, GREEN BAY 14, SEE SIGN DETAIL SHEET
85	"	W14-3	48" X 36"		6.00	1			1	1	
86	"	I55-56	30" X 36"	7.50		1			1	1	ST NORBERT COMPUTER SCIENCE DEPT
87	"	I55-56	30" X 36"	7.50		1			1	1	GREENLEAF 4-H CLUB
88	OAKVIEW LN	R1-1	30" X 30"	5.18		1			1	1	
89	DEUSTER ST	R1-1	30" X 30"	5.18		1			1	1	
PAGE SUBTOTALS				85.40	21.00	16	2	0	17	18	
PROJECT TOTALS				651.94	133.00	66	24	6	106	89	

PLAN SHEET PRODUCED  
BY WisDOT - NE REGION

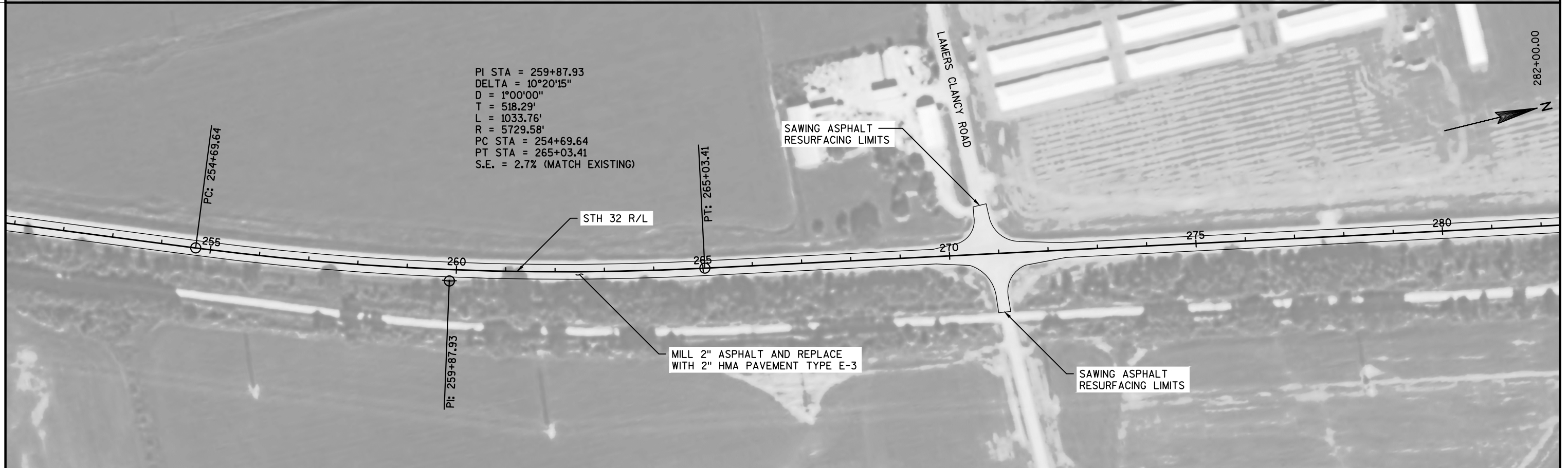
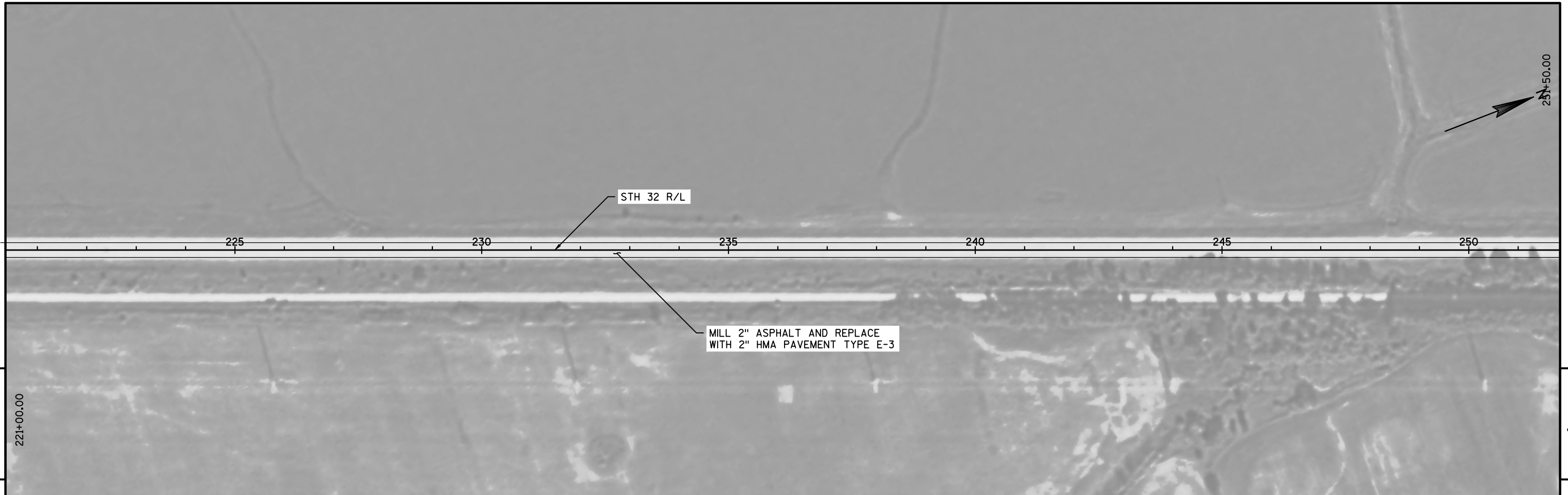


PROJECT NO: 4085-49-60	HWY: STH 32	COUNTY: BROWN	PLAN	SHEET	E
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PROJECT NO: 4085-49-60	HWY: STH 32	COUNTY: BROWN	PLAN	SHEET	E
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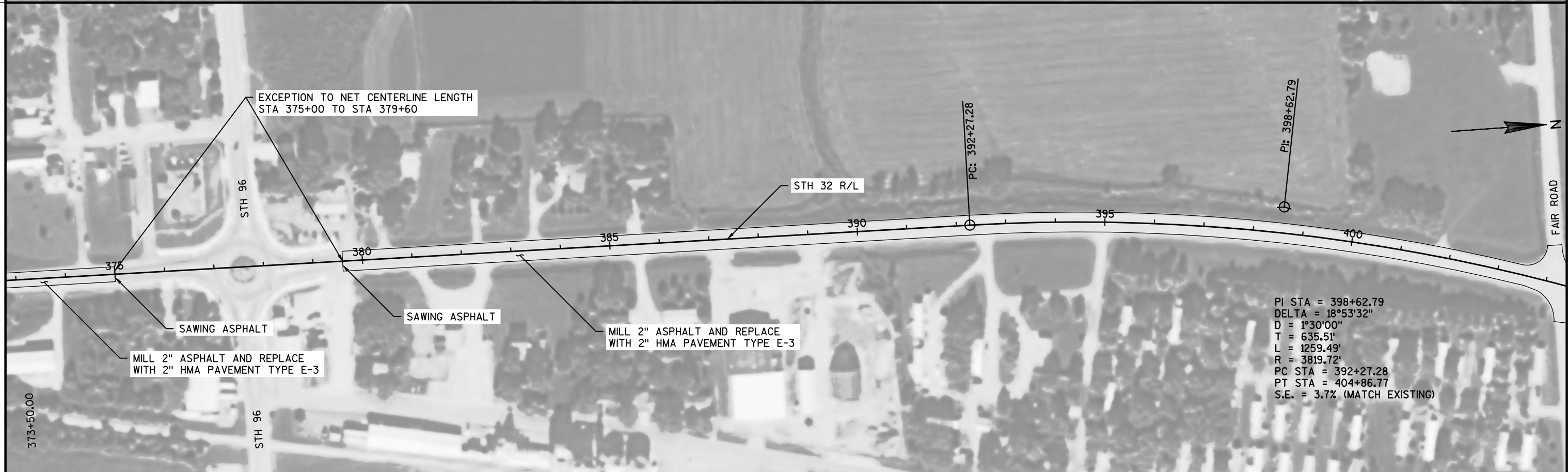


PROJECT NO: 4085-49-60	HWY: STH 32	COUNTY: BROWN	PLAN	SHEET	E
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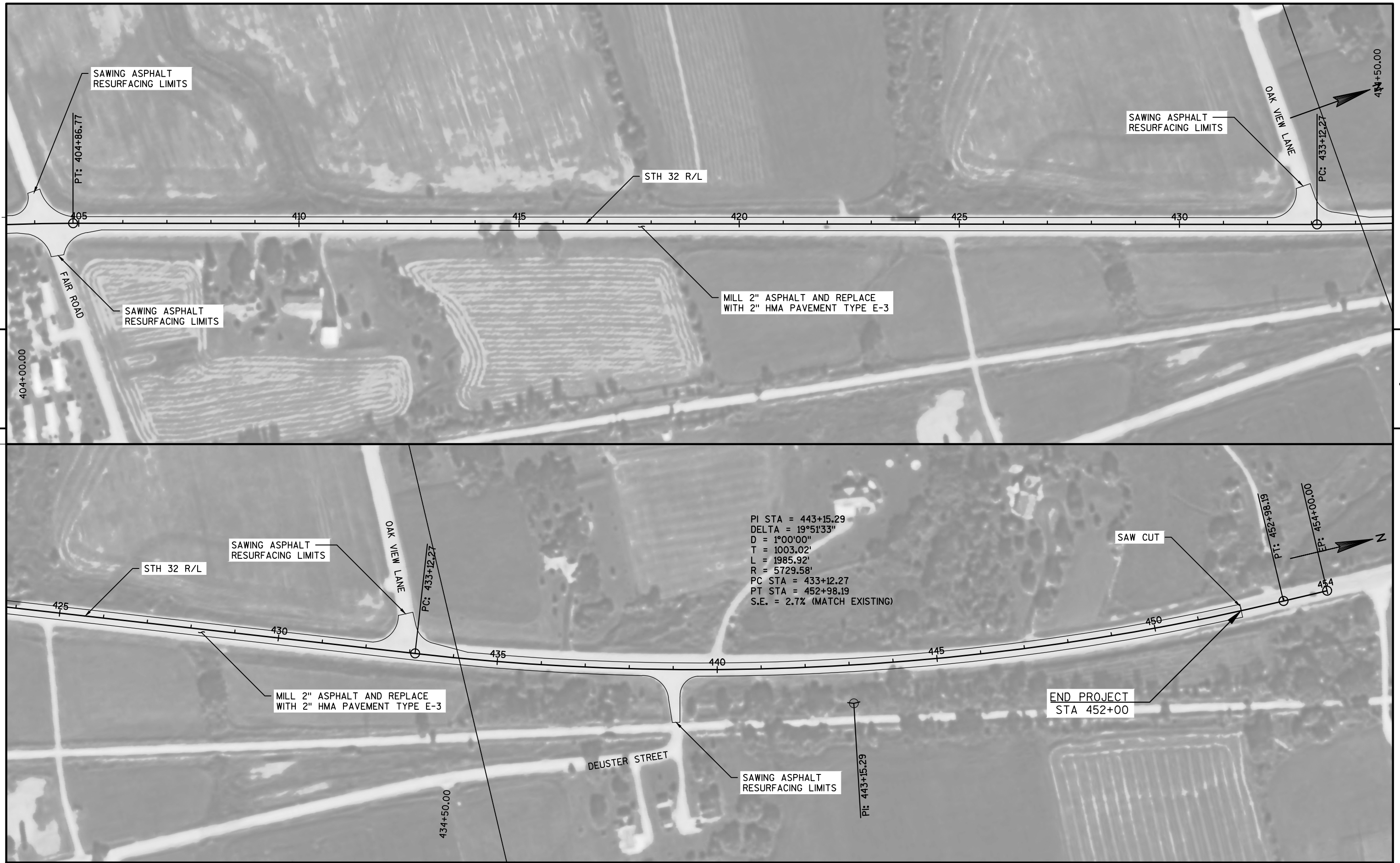


PROJECT NO: 4085-49-60	HWY: STH 32	COUNTY: BROWN	PLAN	SHEET	E
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PROJECT NO: 4085-49-60	HWY: STH 32	COUNTY: BROWN	PLAN	SHEET	E
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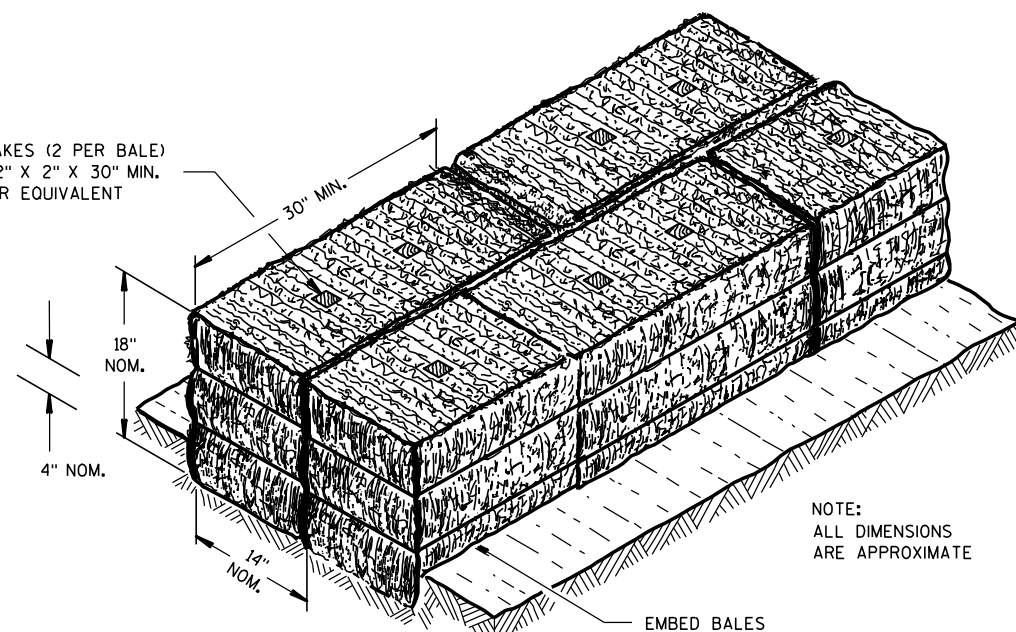


PROJECT NO: 4085-49-60	HWY: STH 32	COUNTY: BROWN	PLAN	SHEET	E
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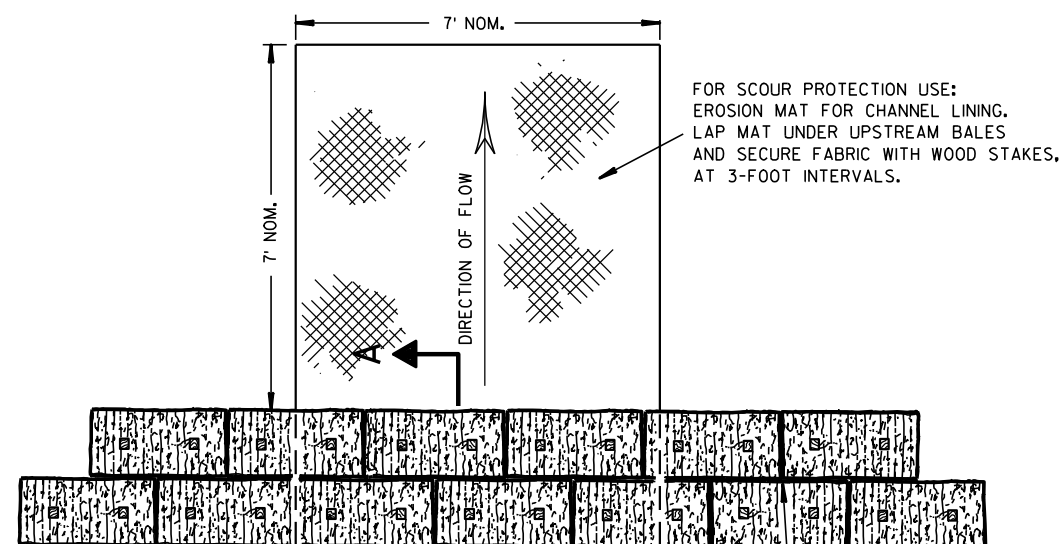
Standard Detail Drawing List

08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
13A11-02A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-02B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
14B29-01	SAFETY EDGE
15C04-02	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M. P. H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16B	PAVEMENT MARKING (INTERSECTIONS)
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C19-02A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

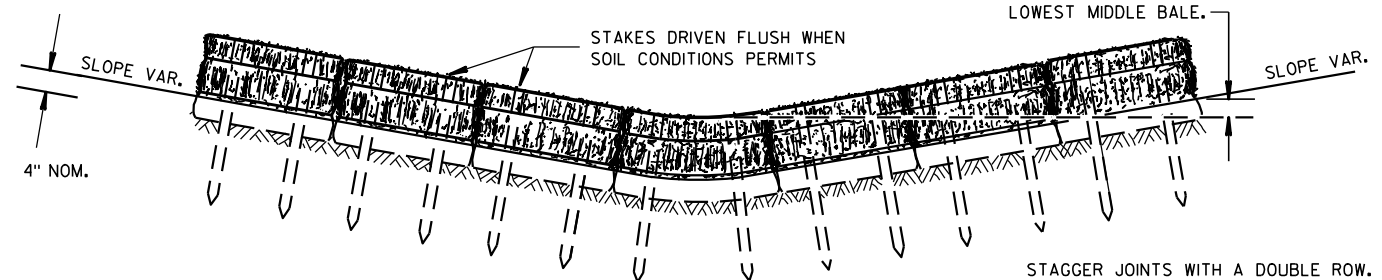
WOOD STAKES (2 PER BALE)  
NOMINAL 2" X 2" X 30" MIN.  
LENGTH OR EQUIVALENT



SECTION A-A



PLAN VIEW



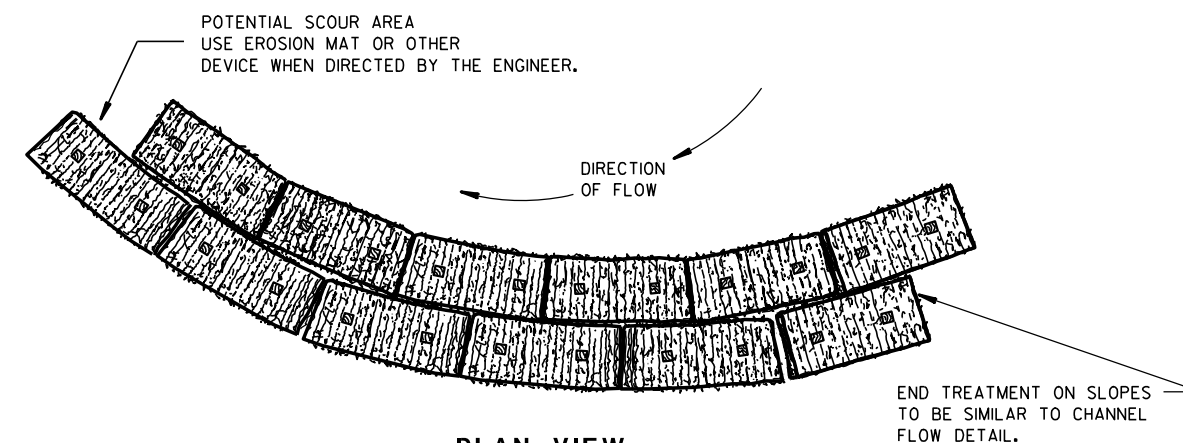
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

## GENERAL NOTES

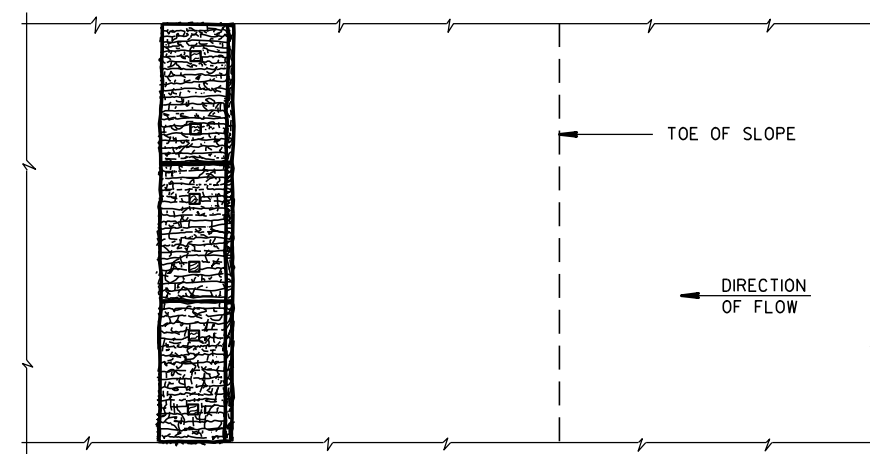
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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

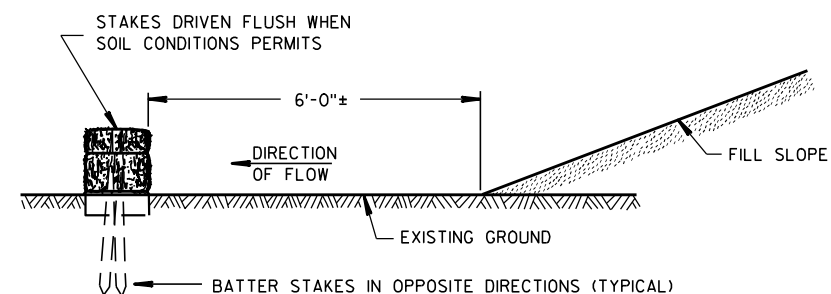


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF  
EROSION BALES / TEMPORARY  
DITCH CHECKS

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

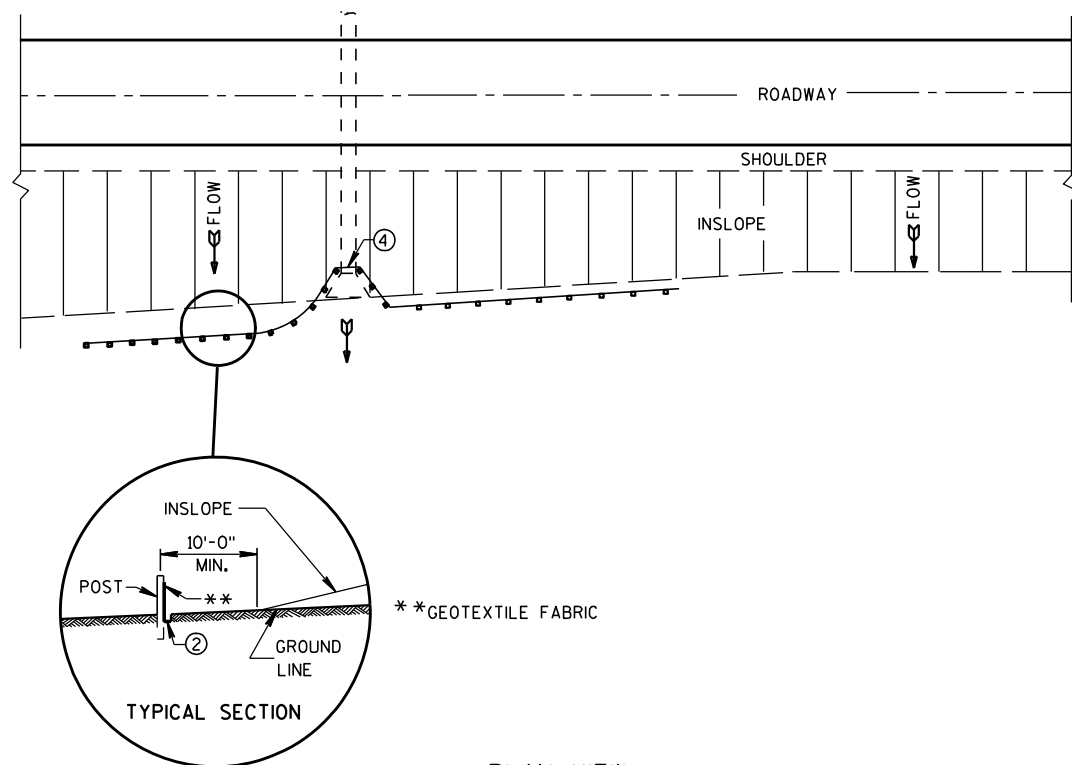
APPROVED

6/04/02  
DATE

FHWA

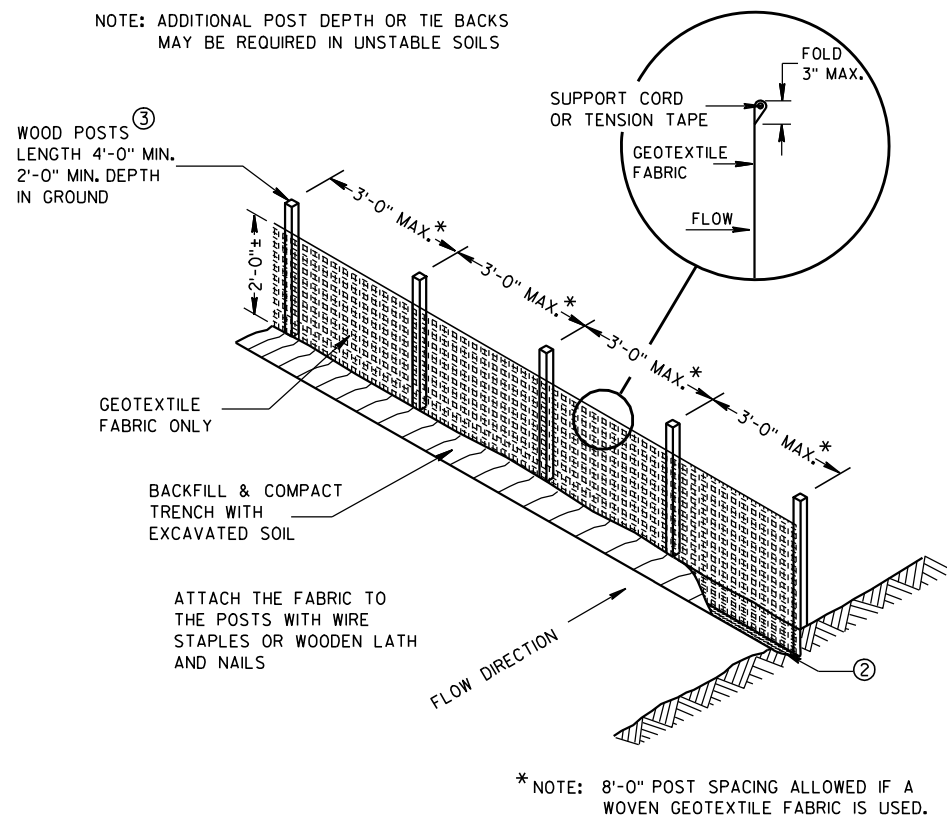
/S/ Beth Canestra  
CHIEF ROADWAY DEVELOPMENT ENGINEER



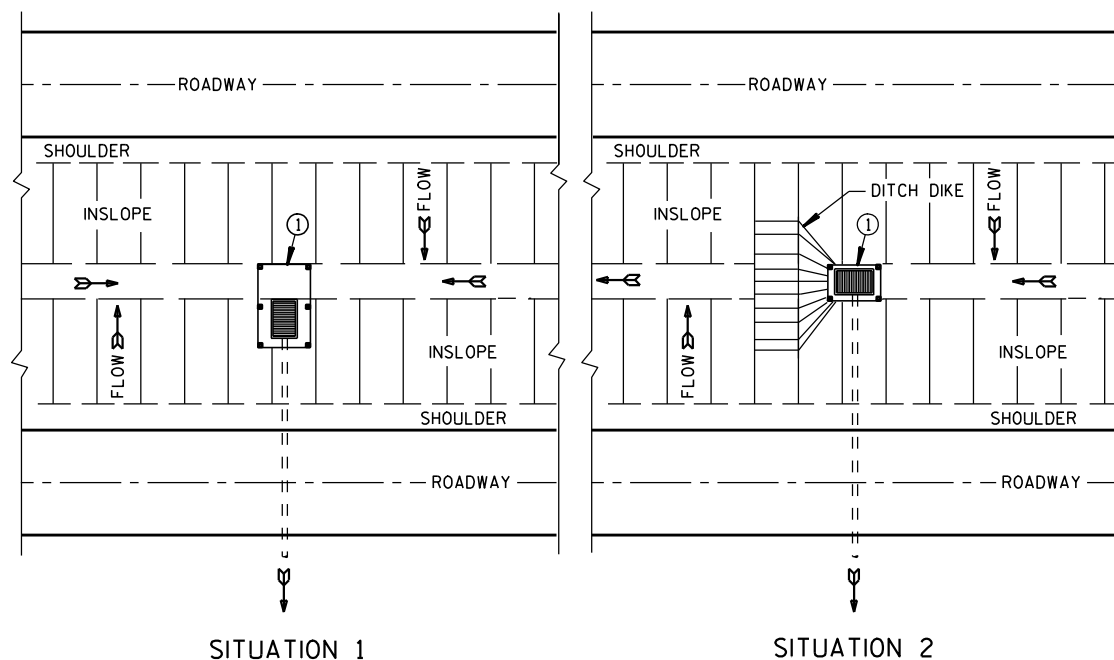


TYPICAL APPLICATION OF SILT FENCE

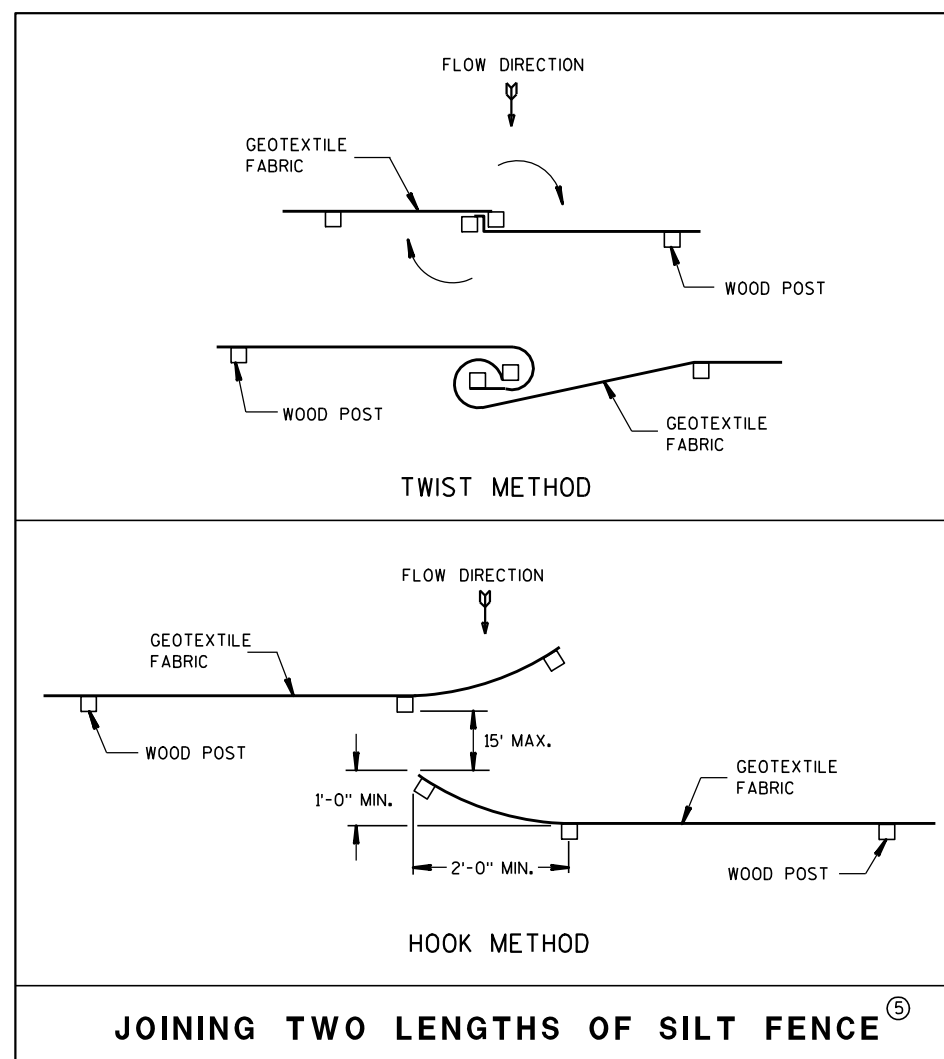
NOTE: ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS



SILT FENCE



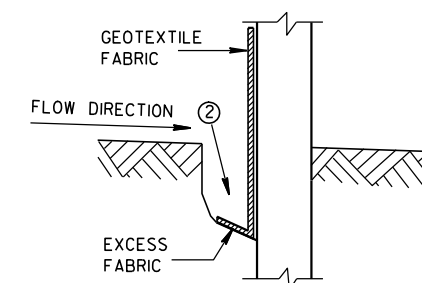
PLAN VIEW  
SILT FENCE AT MEDIAN SURFACE DRAINS



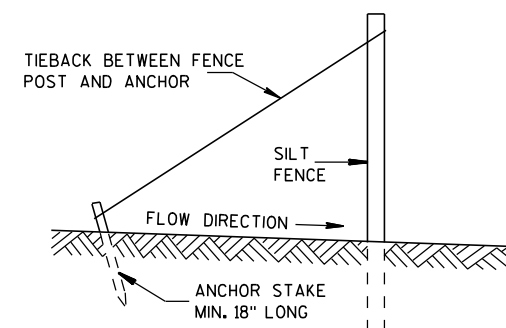
## GENERAL NOTES

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

- ① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
- ② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- ③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY.
- ④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
- ⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



TRENCH DETAIL



SILT FENCE TIE BACK  
(WHEN REQUIRED BY THE ENGINEER)

## SILT FENCE

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED

4-29-05  
DATE

FHWA

/S/ Beth Canestra  
CHIEF ROADWAY DEVELOPMENT ENGINEER

GENERAL NOTES

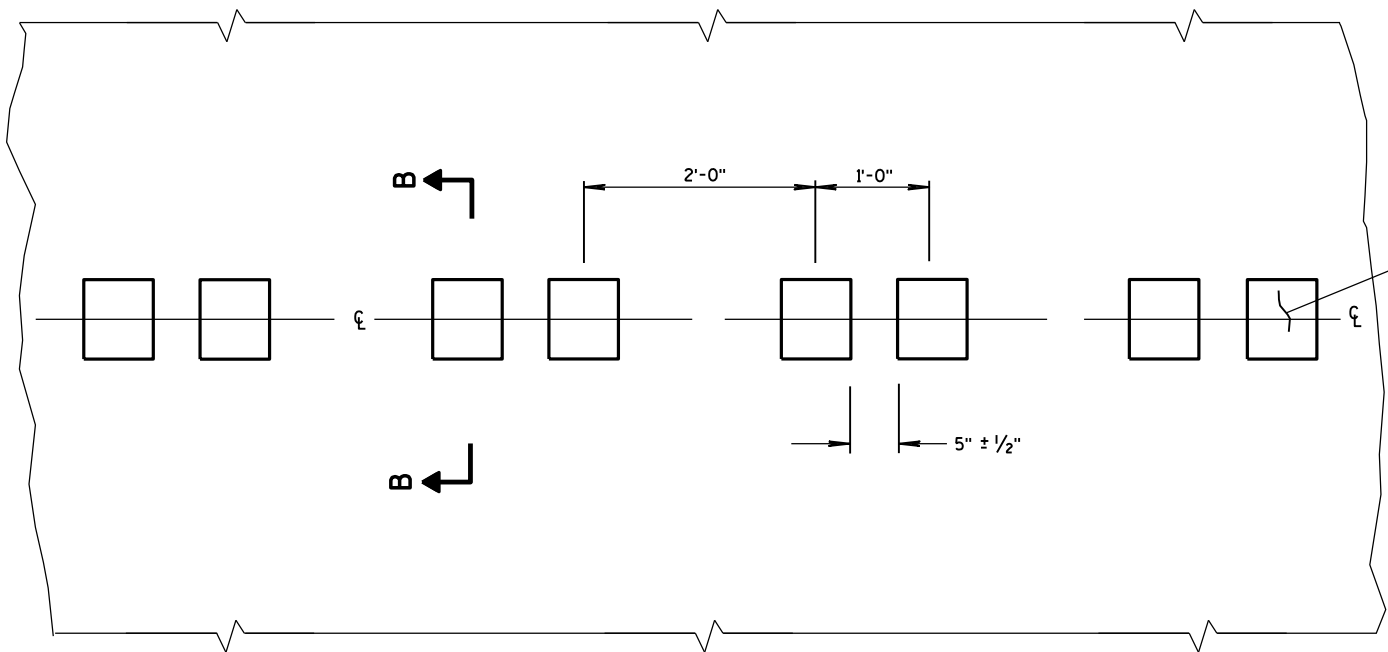
DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

DO NOT MILL CENTER LINE GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

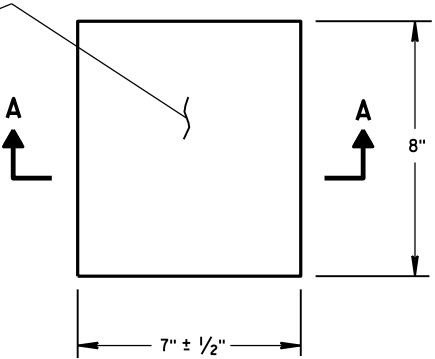
INSTALL PAVEMENT MARKING AFTER THE GROOVES ARE INSTALLED.

SEE SIGNING PLAN FOR SIGN REQUIREMENTS THAT MAY BE NEEDED.

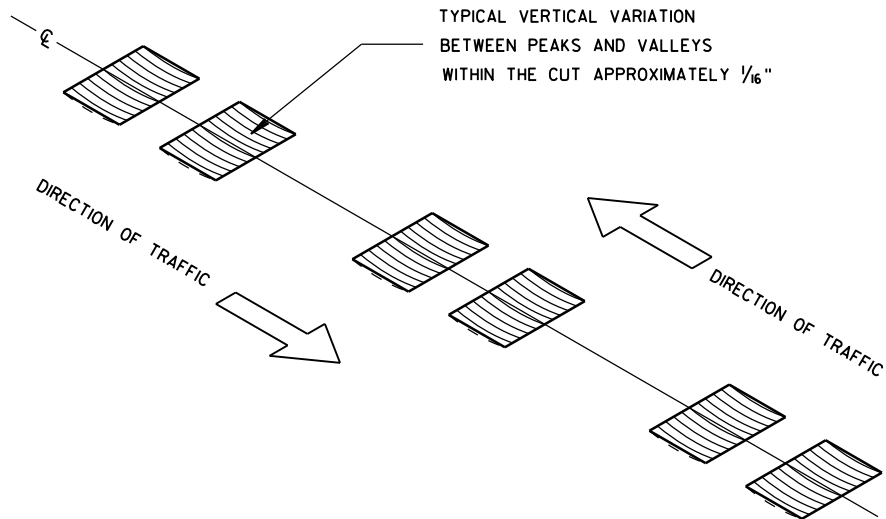
- ① CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



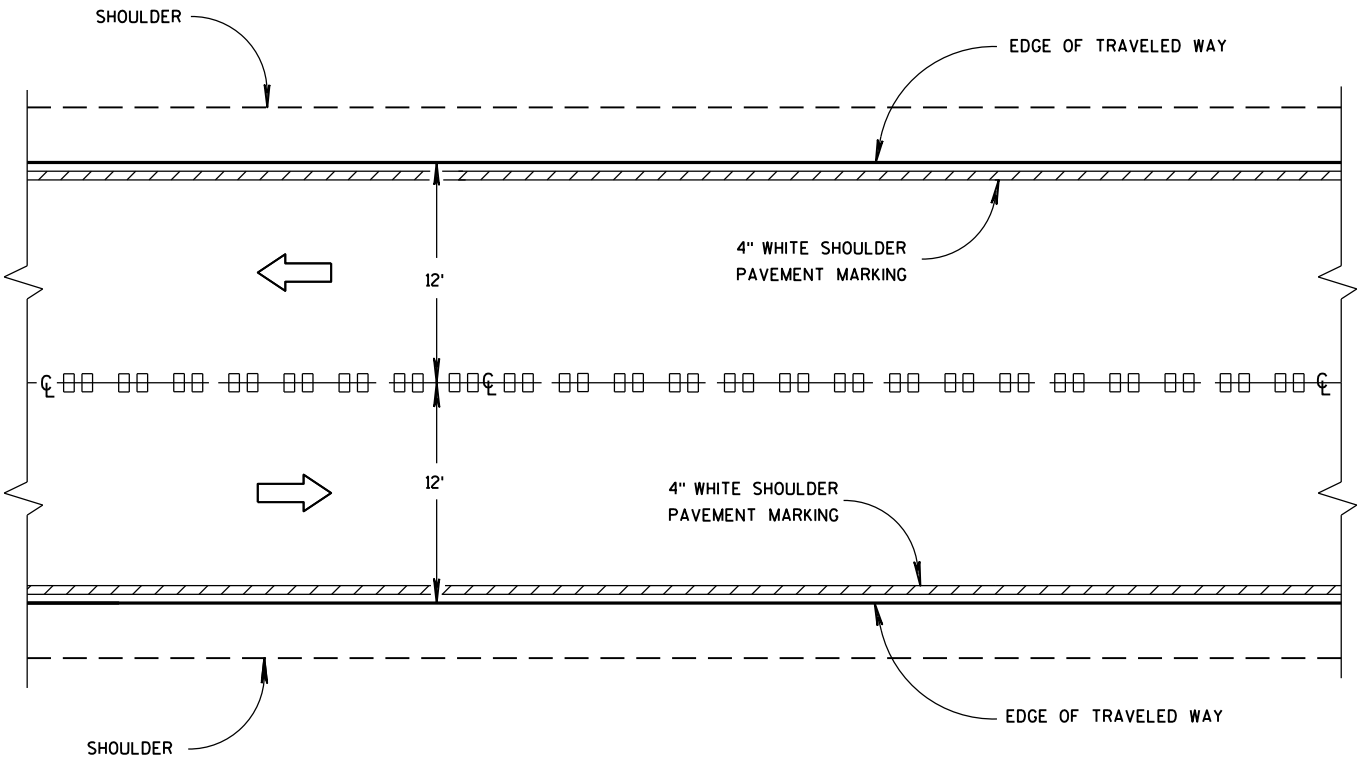
PLAN VIEW  
CENTER LINE WITH GROOVES



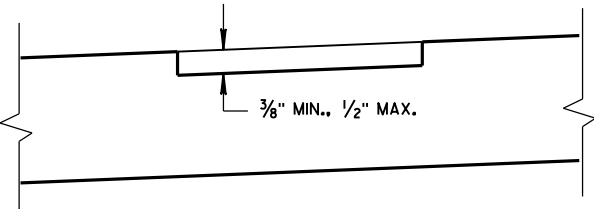
PLAN VIEW  
(SINGLE GROOVE)



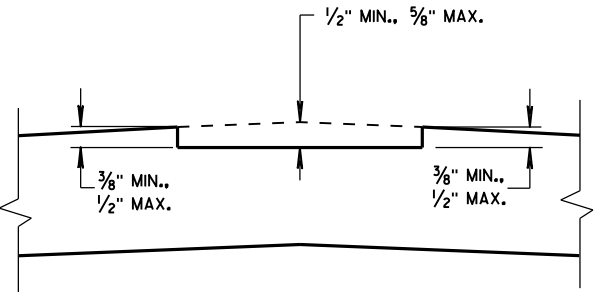
ISOMETRIC



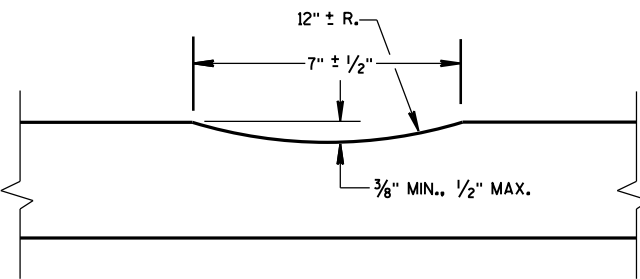
CENTER LINE GROOVES ON TWO-WAY ROADWAYS



SECTION B-B  
SUPERELEVATED ROADWAY



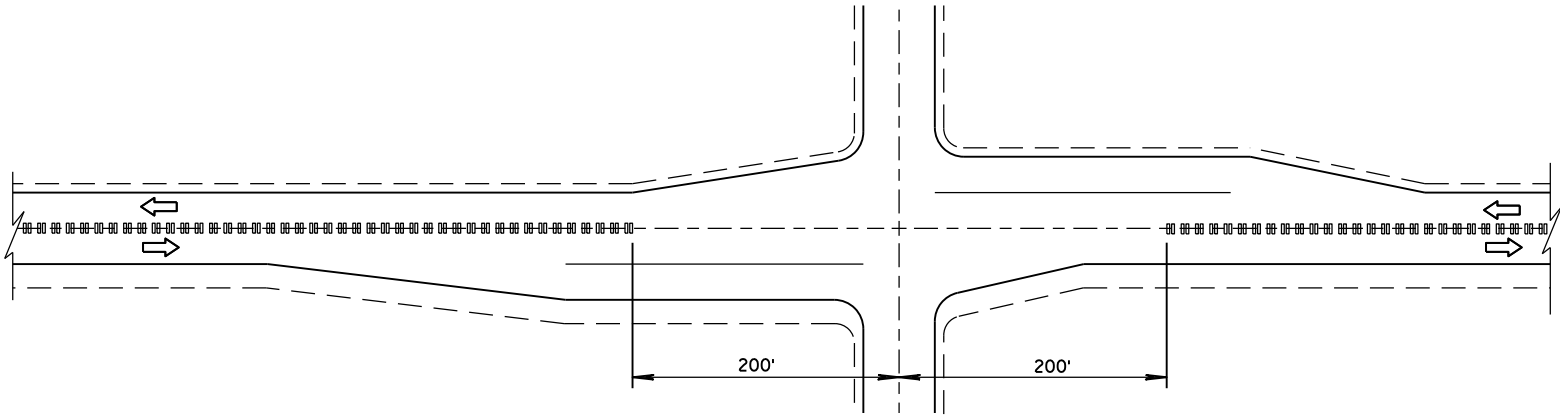
SECTION B-B  
CROWNED ROADWAY



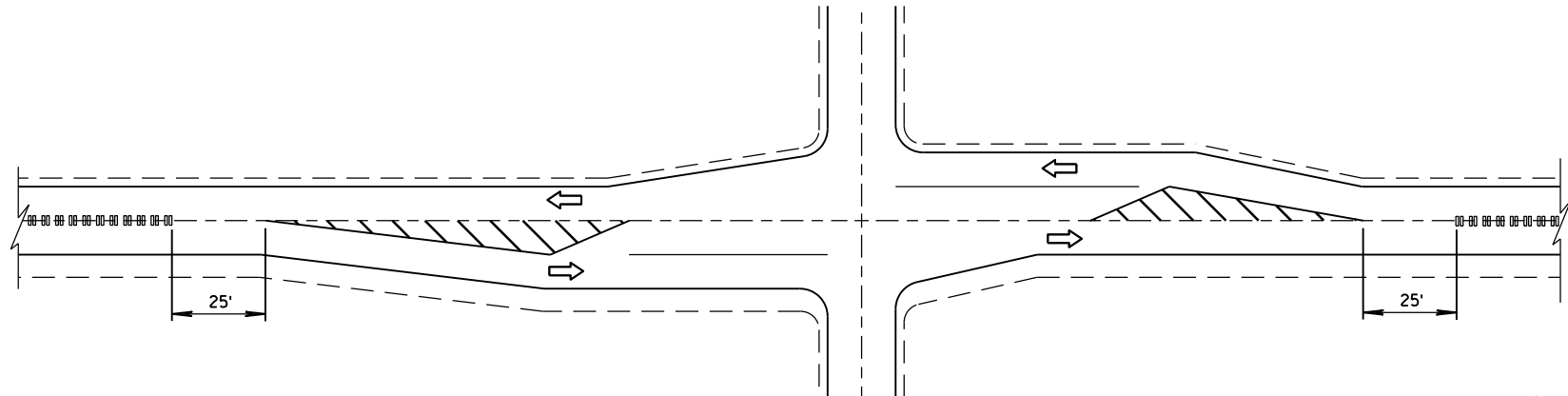
SECTION A-A

2-LANE RURAL  
CENTER LINE RUMBLE STRIP,  
MILLING

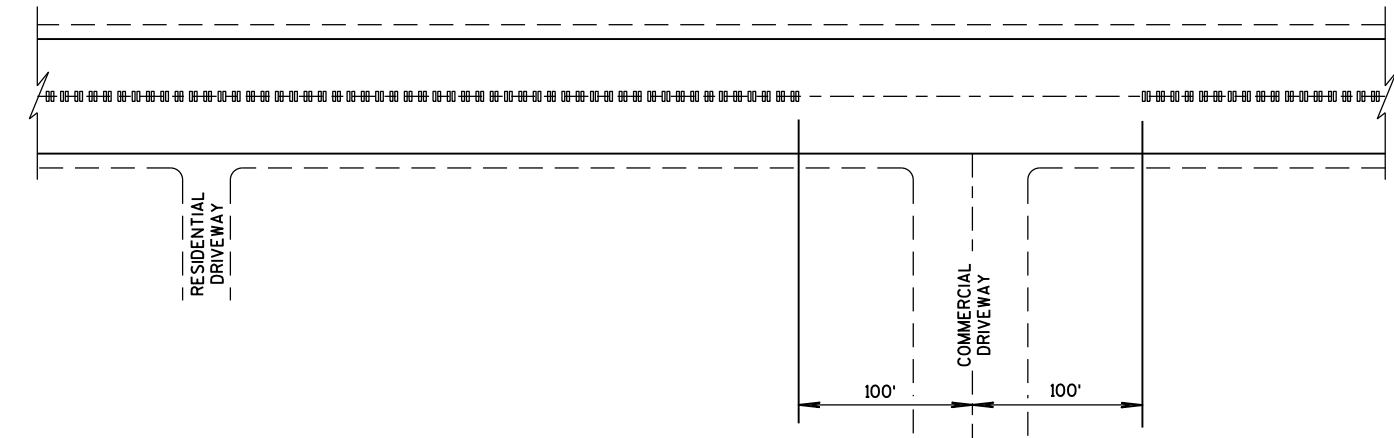
STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION



CENTER LINE GROOVES AT INTERSECTIONS

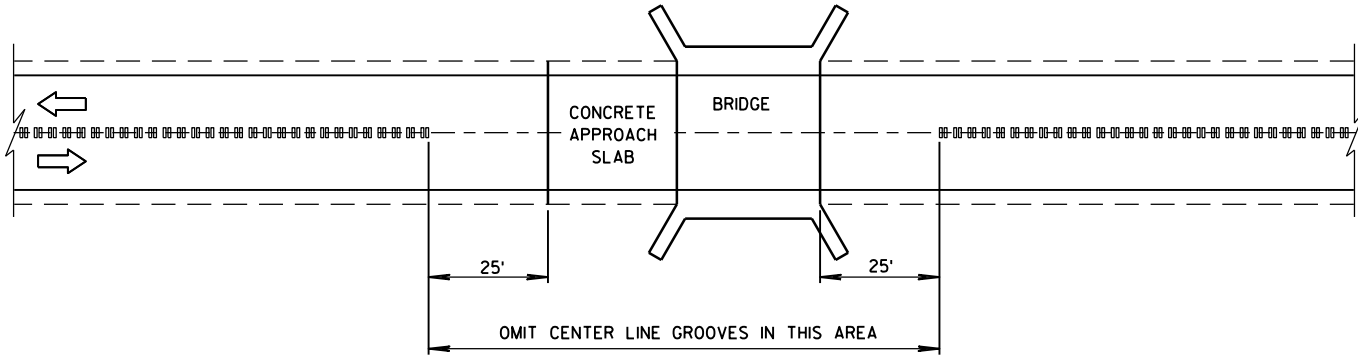


CENTER LINE GROOVES AT INTERSECTIONS  
(WITH LEFT TURN LANES)

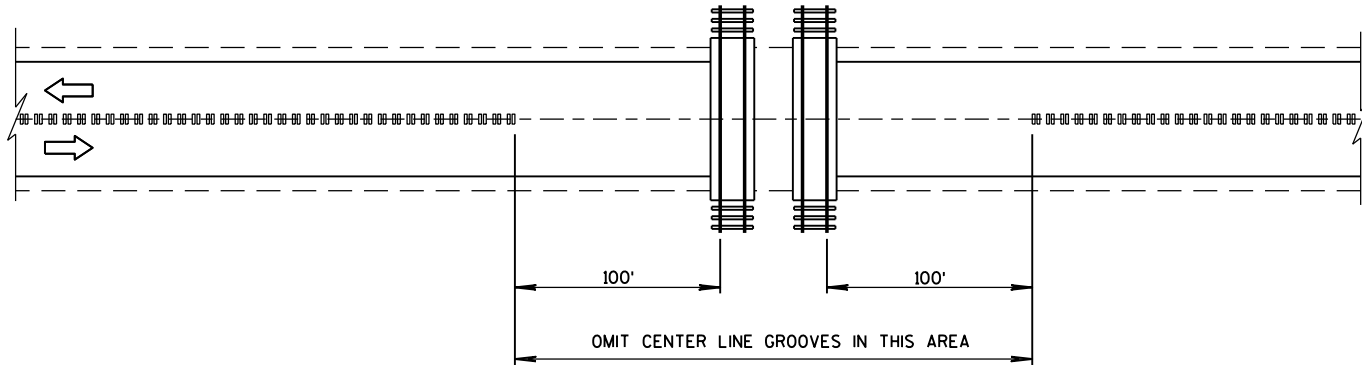


CENTER LINE GROOVES AT DRIVEWAYS<sup>①</sup>

<sup>①</sup> CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.

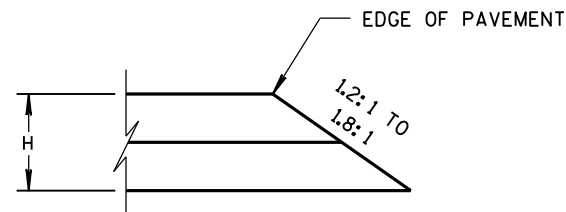


CENTER LINE GROOVES AT BRIDGES

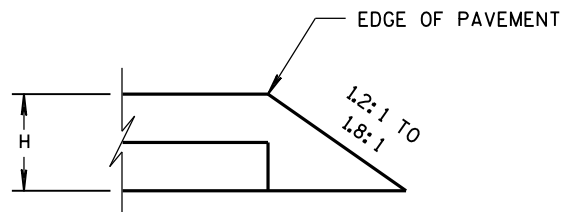


CENTER LINE GROOVES AT RAILROADS

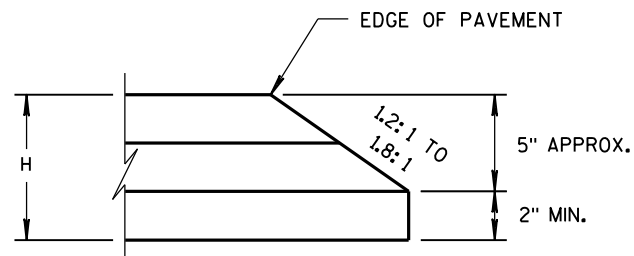
2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 5/15/2013 DATE	/S/ Jerry H. Zogg ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA	



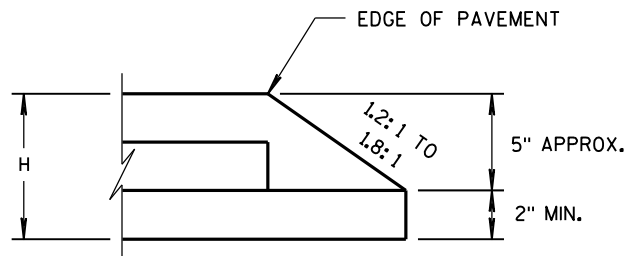
CONSTRUCTED WITH FINAL TWO LAYERS  
FOR H 5" OR LESS



CONSTRUCTED WITH FINAL LAYER  
FOR H 5" OR LESS

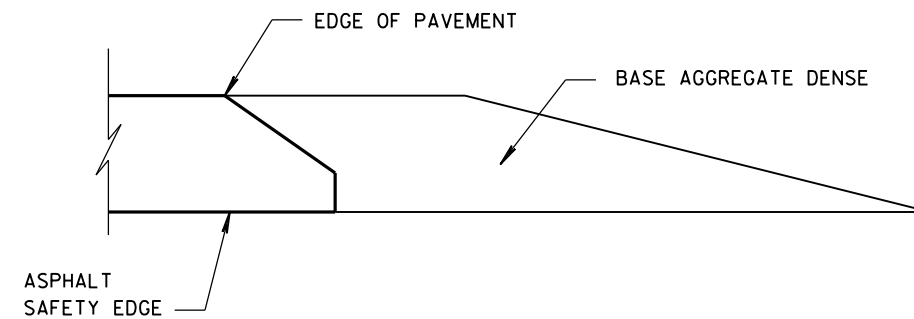


CONSTRUCTED WITH FINAL TWO LAYERS  
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER  
FOR H GREATER THAN 5"

### HMA PAVEMENT AND HMA OVERLAYS



### FINISHED SHOULDER AGGREGATE PLACEMENT

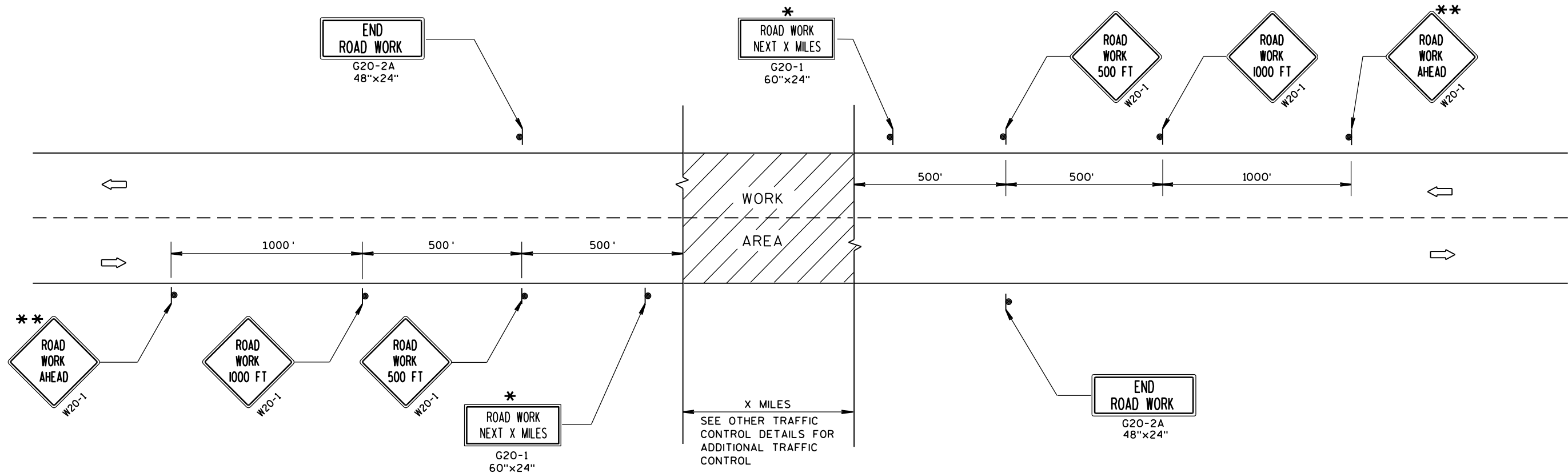
SAFETY EDGE<sub>SM</sub>

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
11/30/2012  
DATE  
FHWA

/s/ Jerry H. Zogg  
ROADWAY STANDARDS 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.

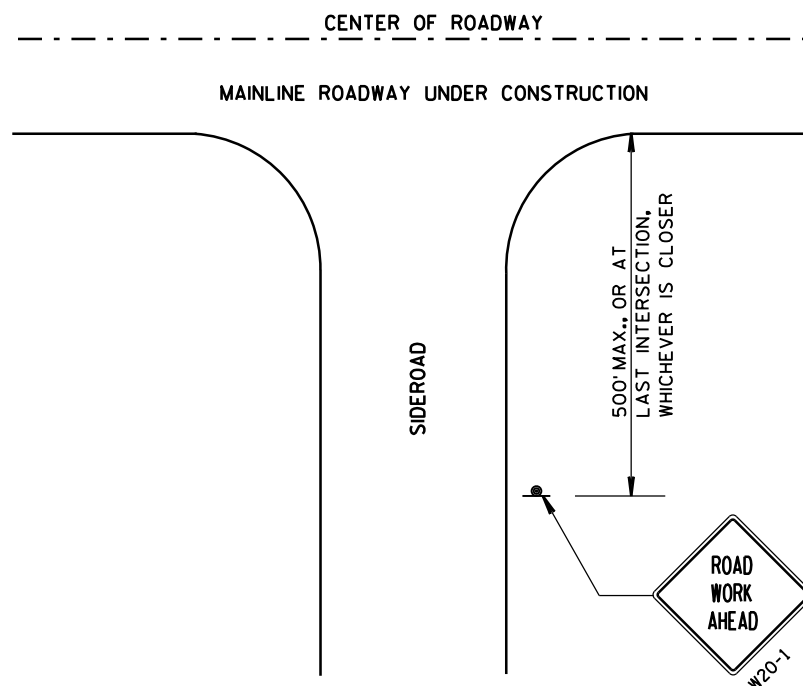
ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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 W20-1 "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  
8/2013 /S/ Travis Feltes  
DATE STATE TRAFFIC ENGINEER OF DESIGN  
FHWA

LEGEND

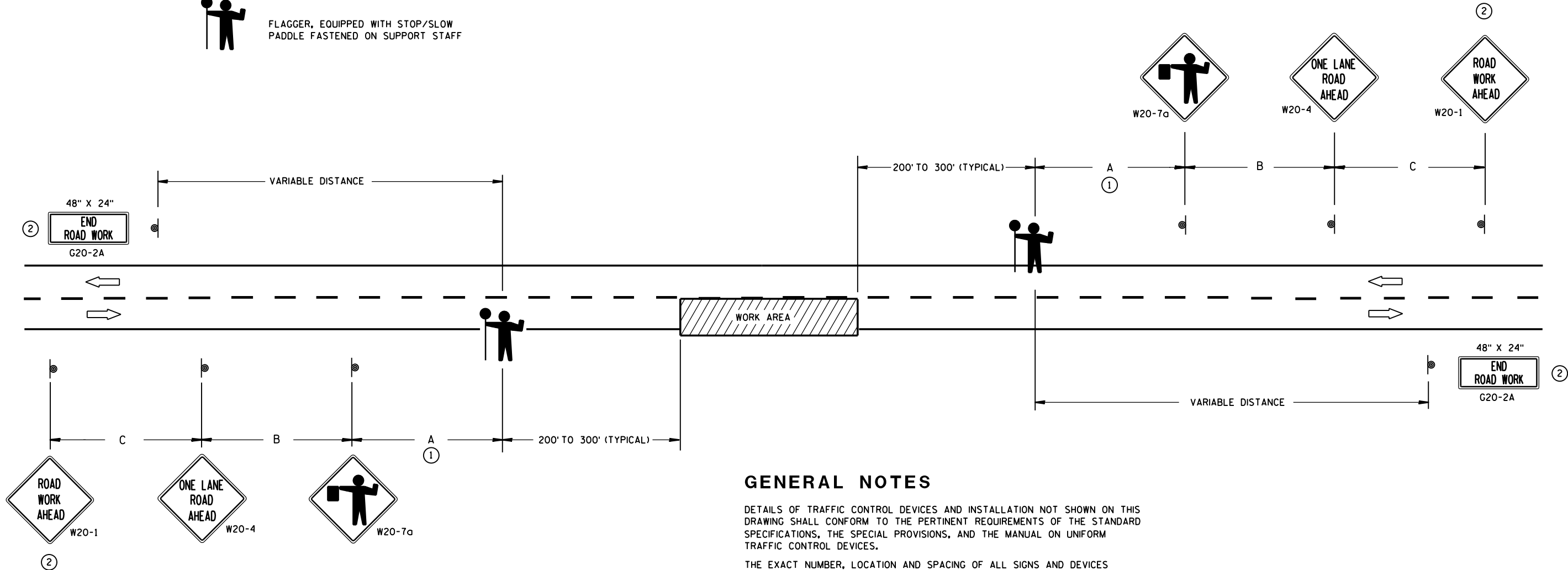
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN SPACING TABLE

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



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



GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

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

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.

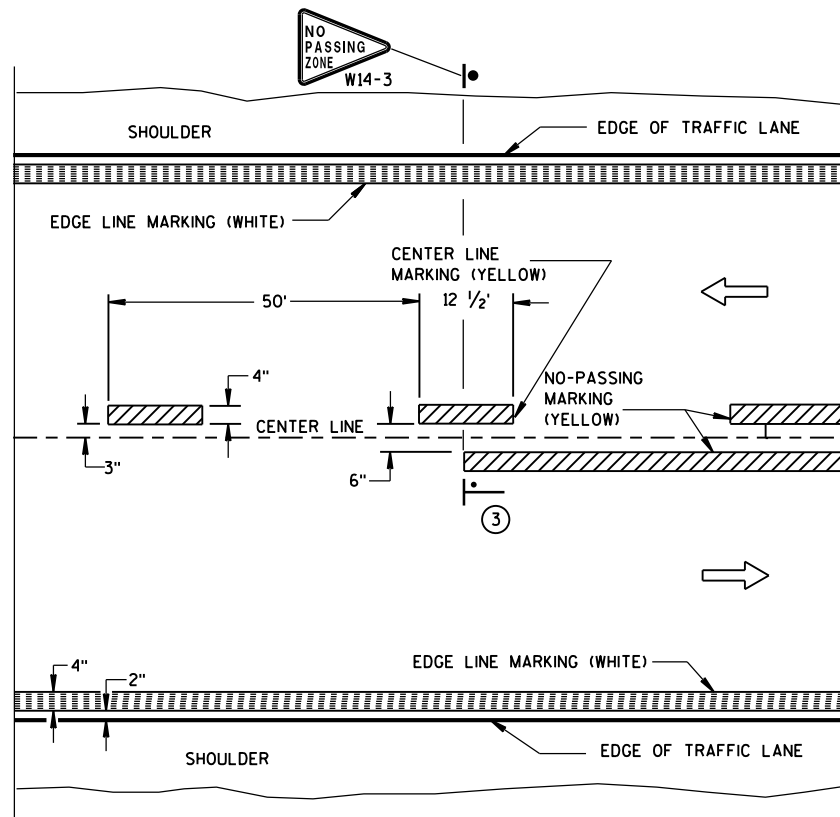
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

- ① FOR A MOVING WORK OPERATION, SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.
- ② SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

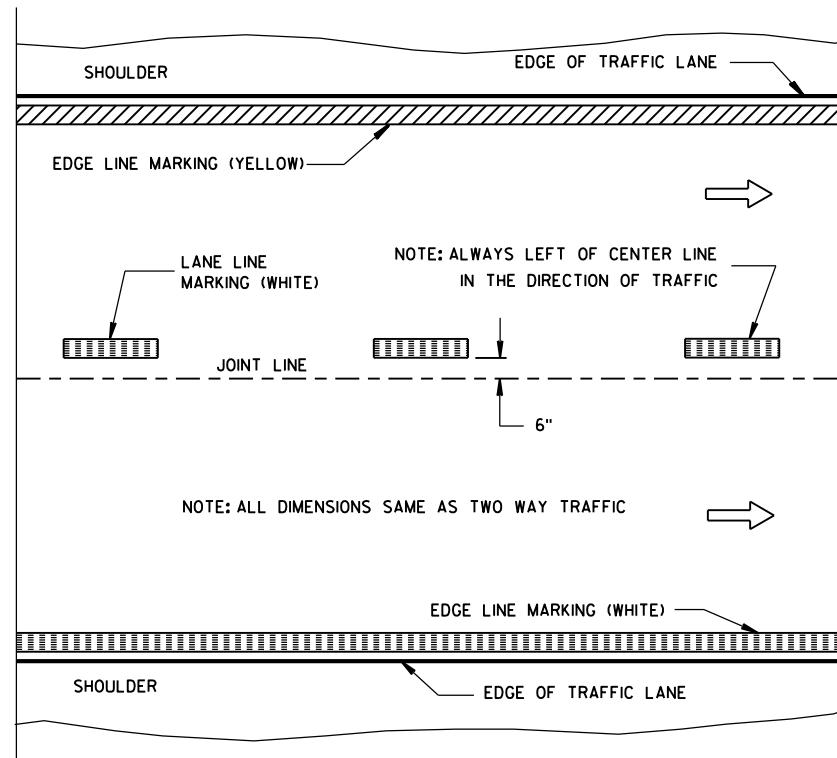
TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

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

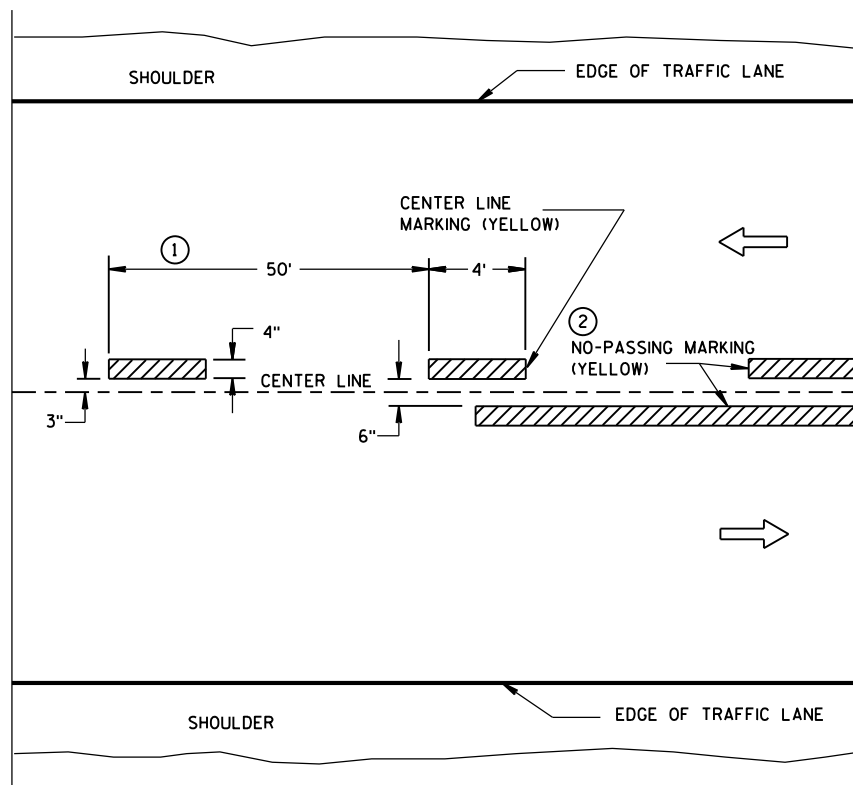


TWO WAY TRAFFIC

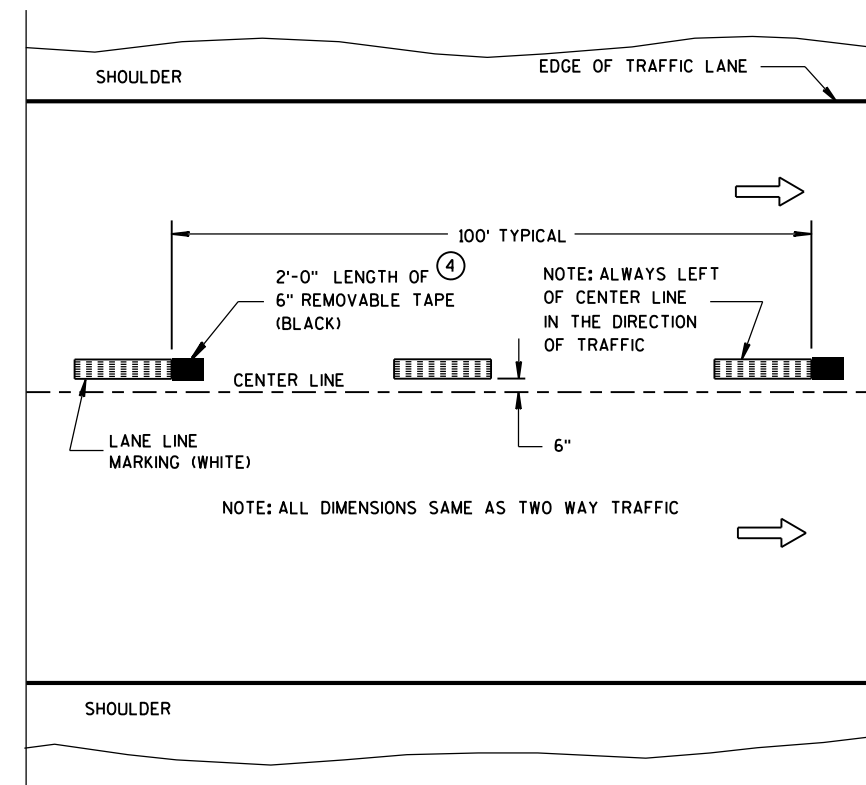


ONE WAY TRAFFIC

## PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

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

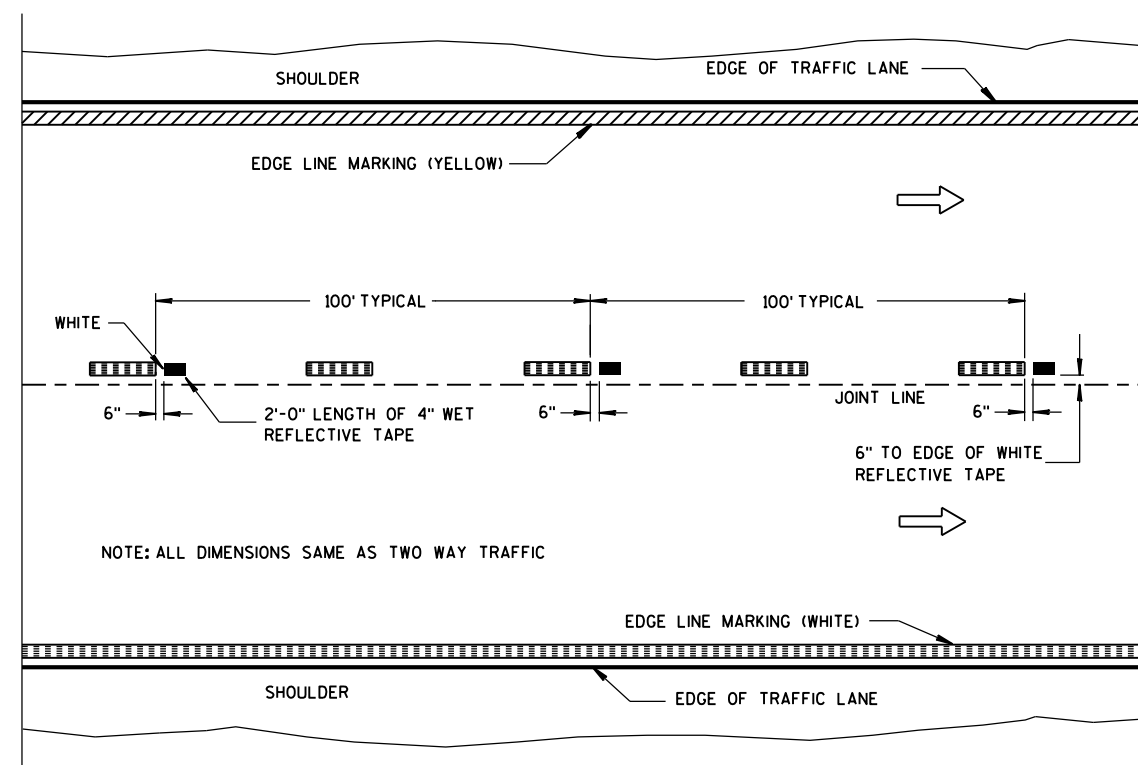
## GENERAL NOTES

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

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

## NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL



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

## LEGEND

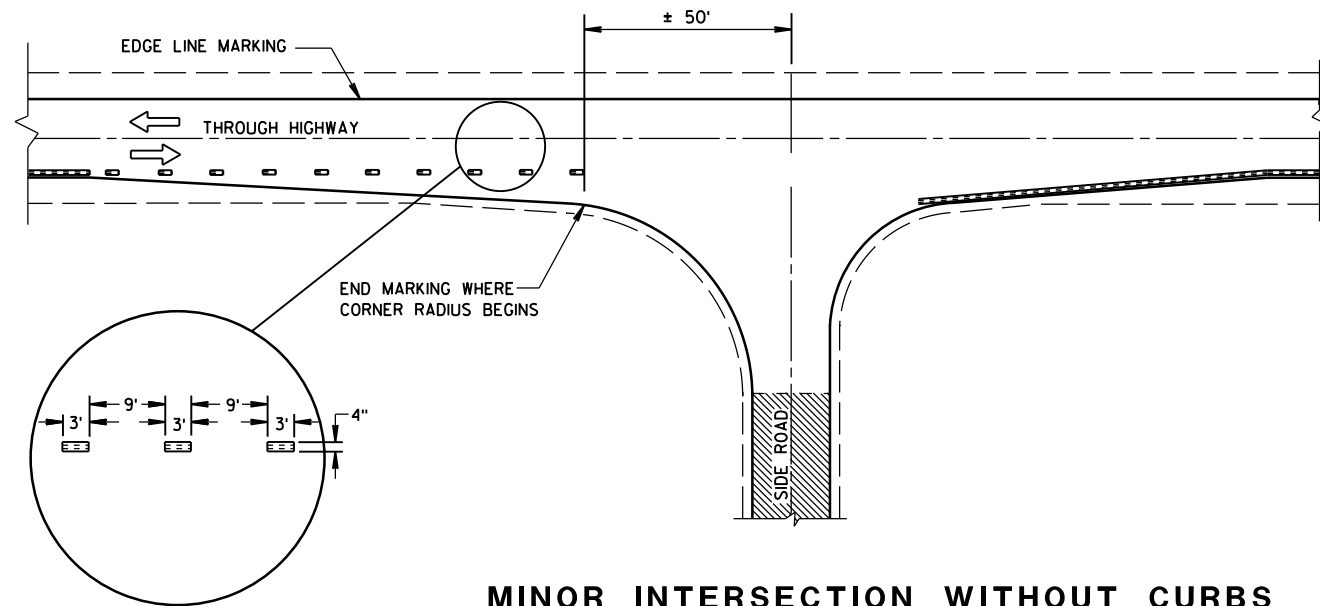
- "T" MARKING
- POST MOUNTED SIGN

PAVEMENT MARKING  
(MAINLINE)

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
5-13-2013  
DATE  
FHWA

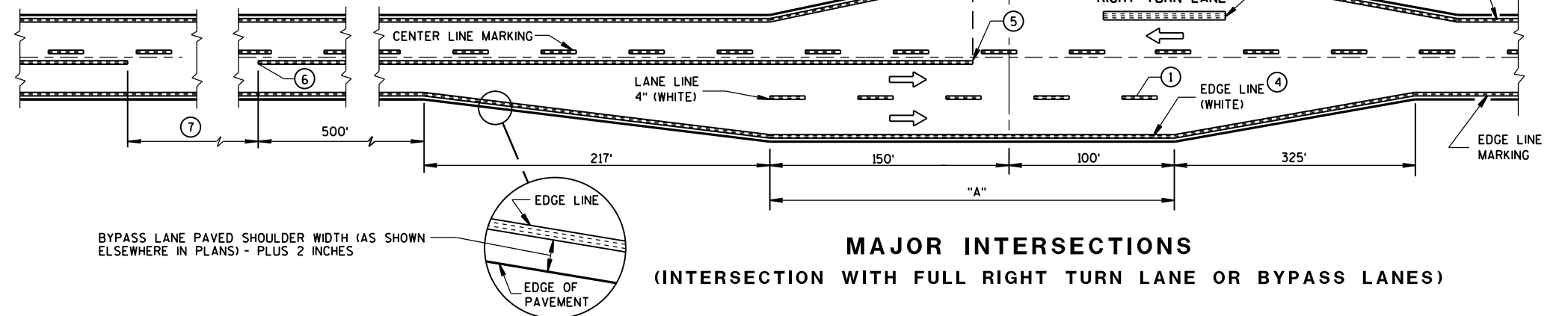
/S/ Travis Feltes  
STATE TRAFFIC ENGINEER



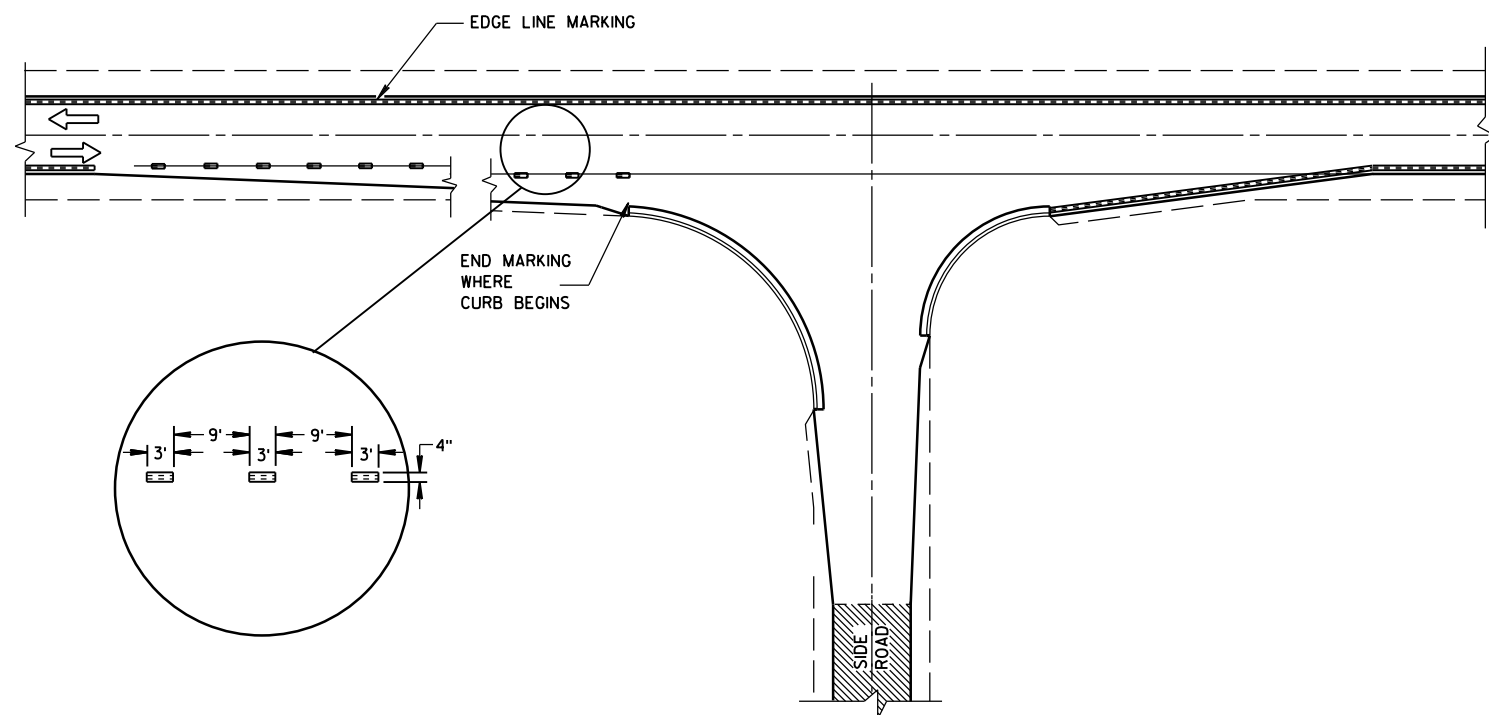
**MINOR INTERSECTION WITHOUT CURBS**

⑦

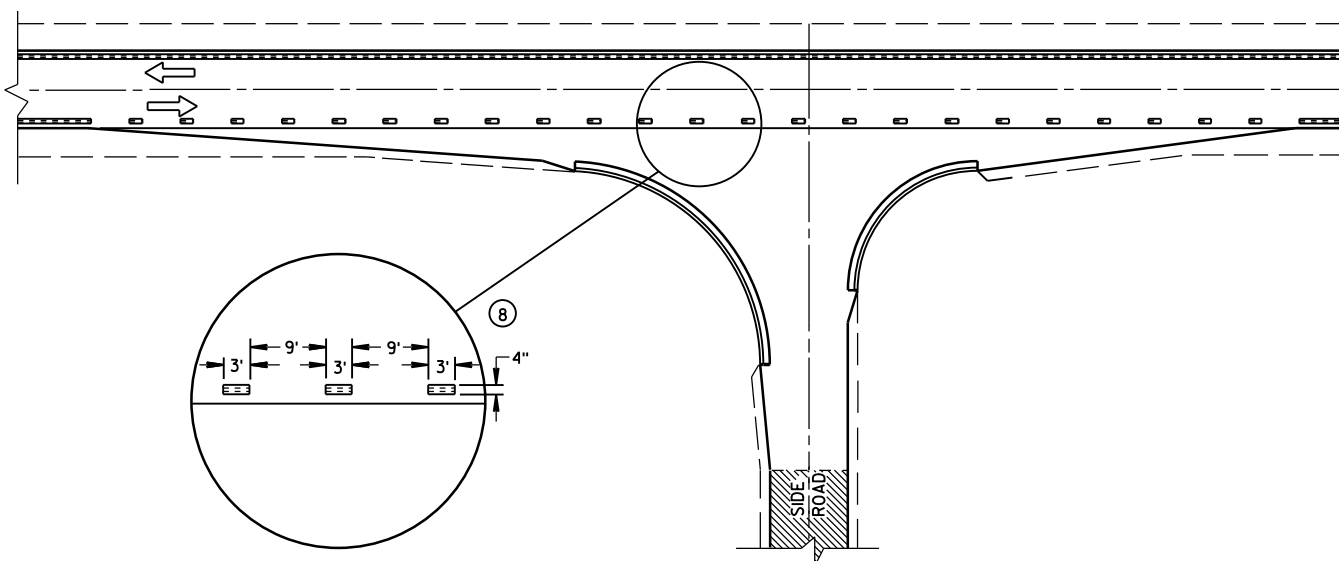
POSTED SPEED (MPH)	MINIMUM DISTANCE BETWEEN ZONES (FEET)
25 - 30	528
35 - 40	528
45 - 50	686
55	792



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



**MINOR INTERSECTION WITH CURBS**  
(TYPICAL MARKING)



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

## GENERAL NOTES

- EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.
- ① WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
  - ② WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
  - ③ ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.
  - ④ THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.
  - ⑤ BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.
  - ⑥ BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
  - ⑦ IF THE DISTANCE BETWEEN 2 SUCCESSIVE NO-PASSING ZONES IS LESS THAN THE MINIMUM DISTANCE BETWEEN ZONES, CONNECT THE 2 ZONES.
  - ⑧ 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ARROW SYMBOL ( → ) SHOWS DIRECTION OF TRAVEL

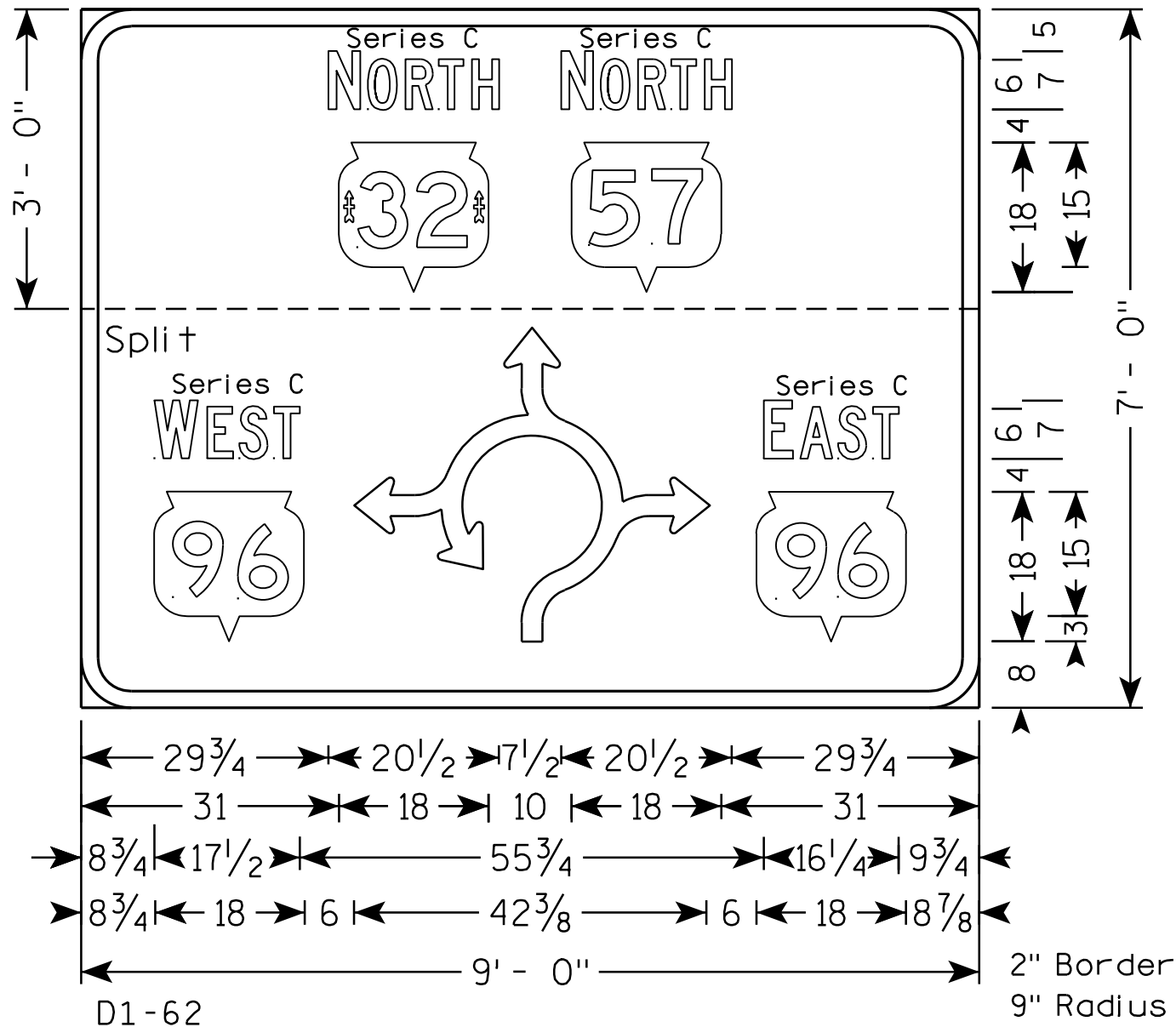
PAVEMENT MARKING  
(INTERSECTIONS)

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION



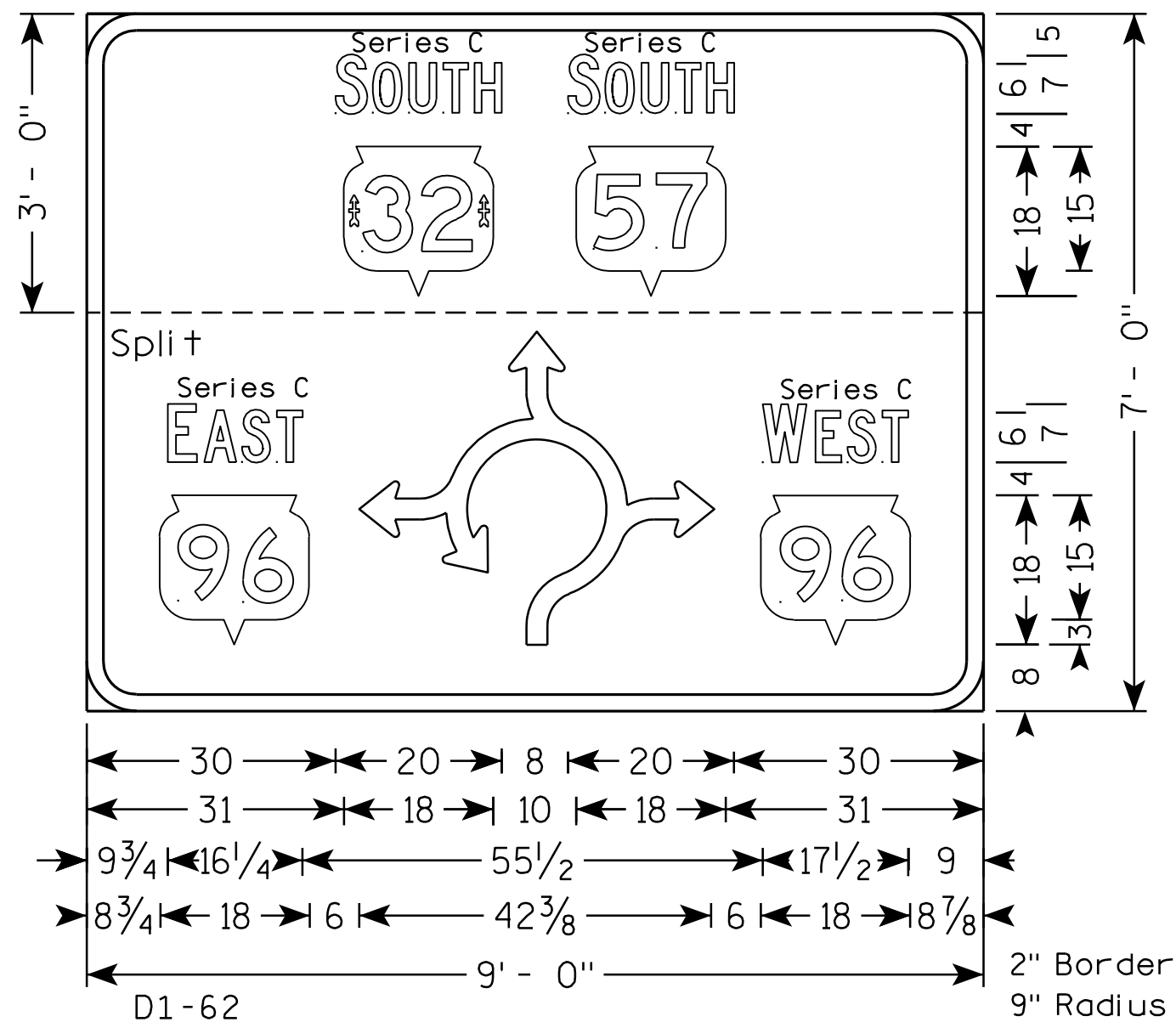
FLASHING ARROW PANEL (CAUTION)

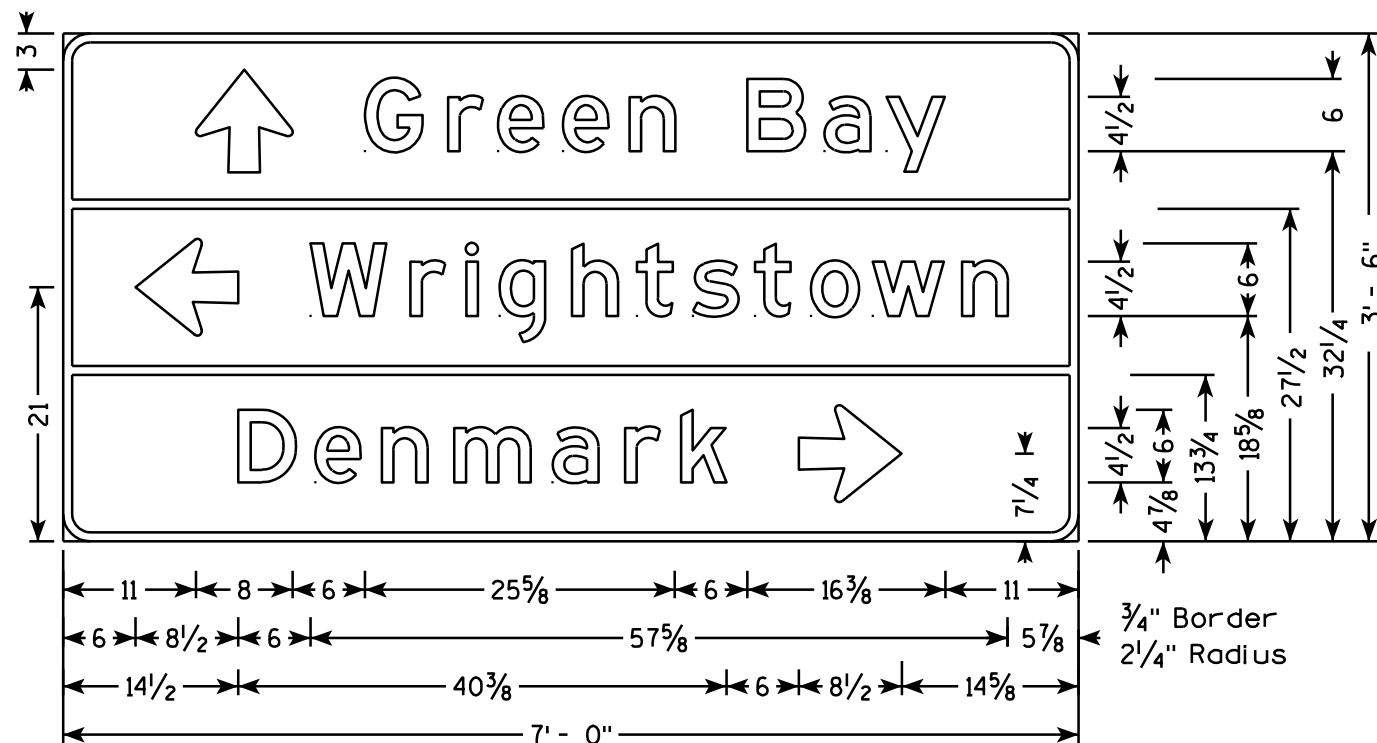
FHWA



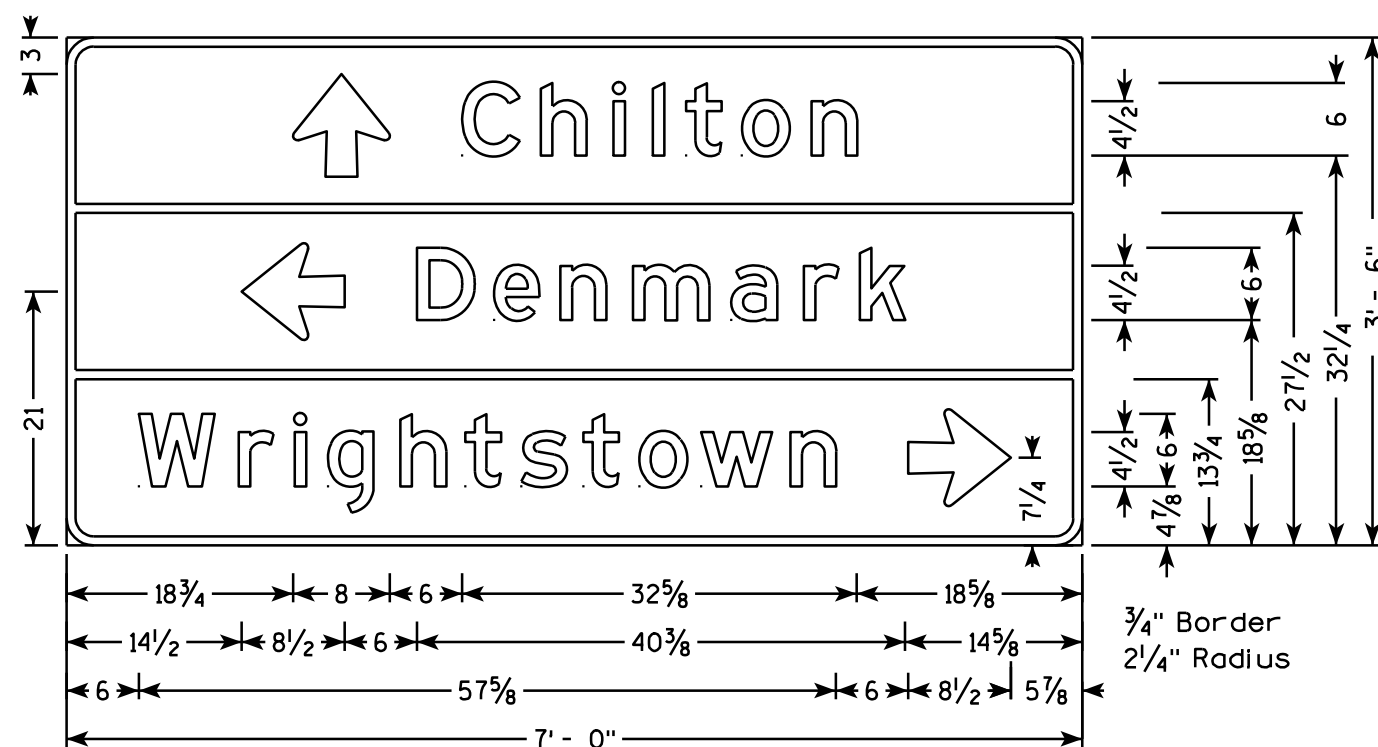
### NOTES

1. All Signs Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - GREEN  
Message - WHITE
3. Message Series - E except as Shown





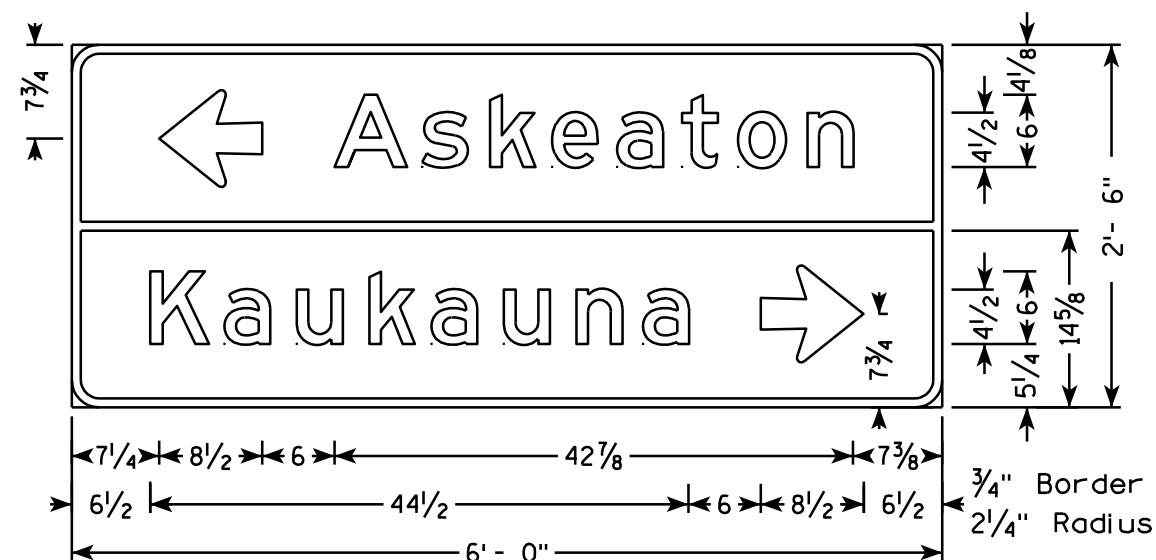
D1-3



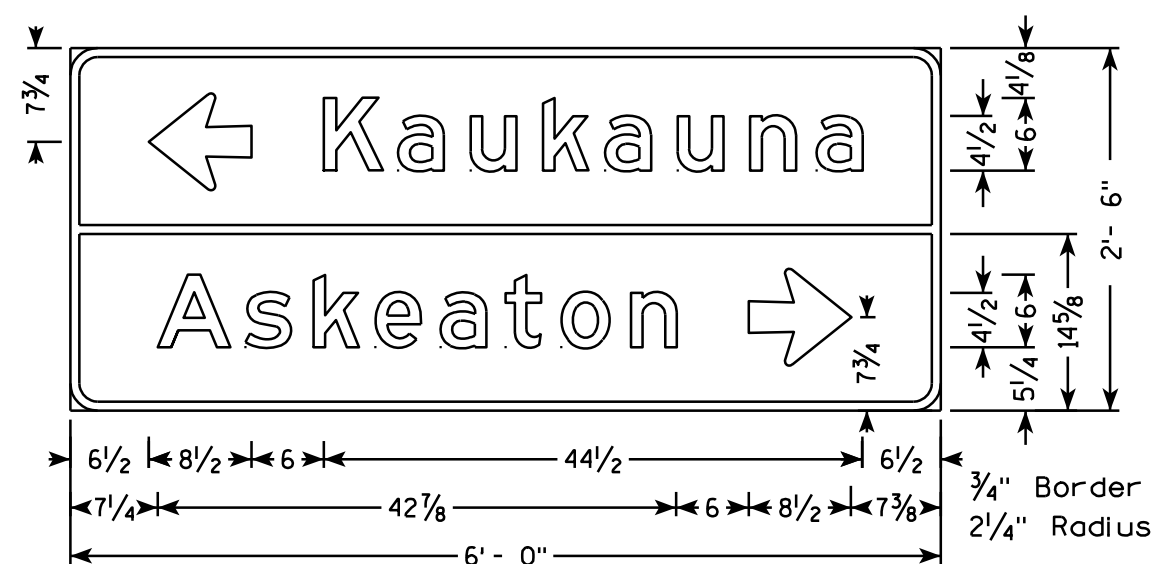
D1-3

# NOTES

1. All Signs Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - GREEN  
Message - WHITE
3. Message Series - E



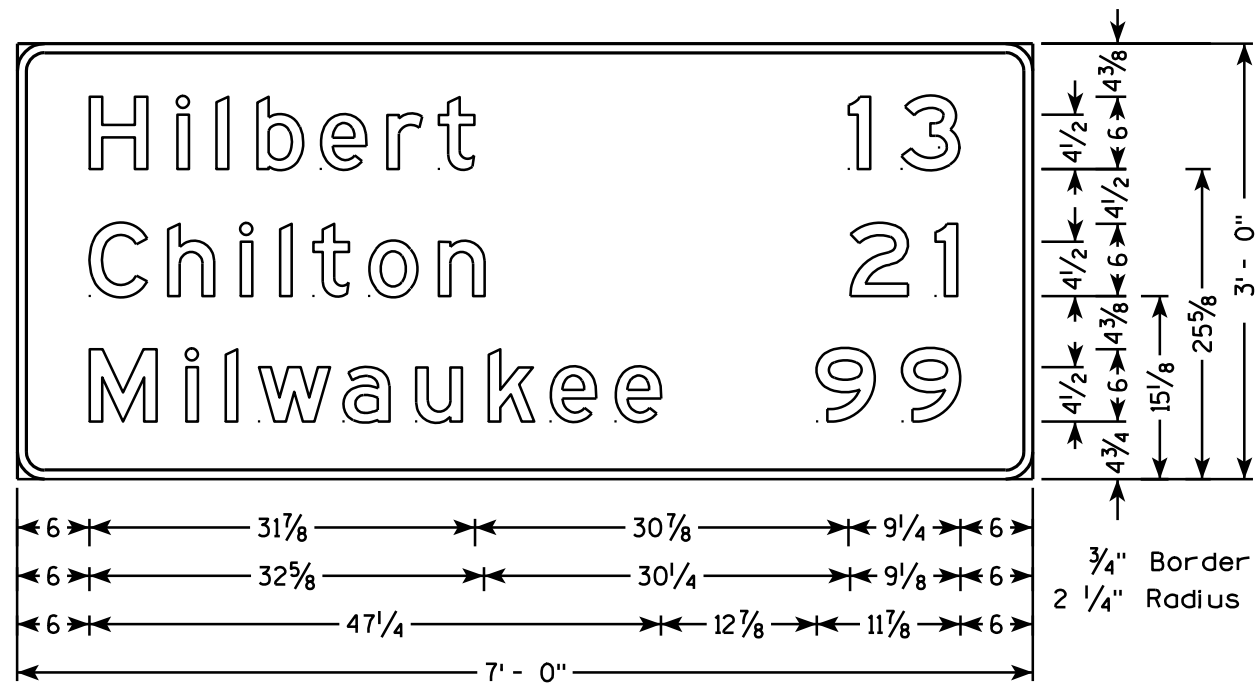
D1-2



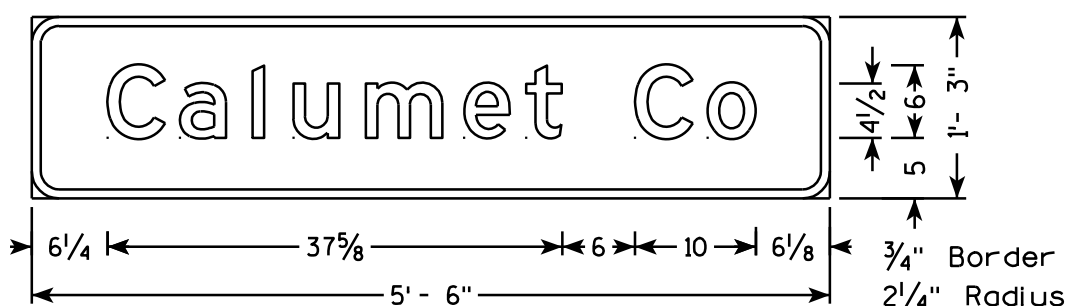
D1-2

# NOTES

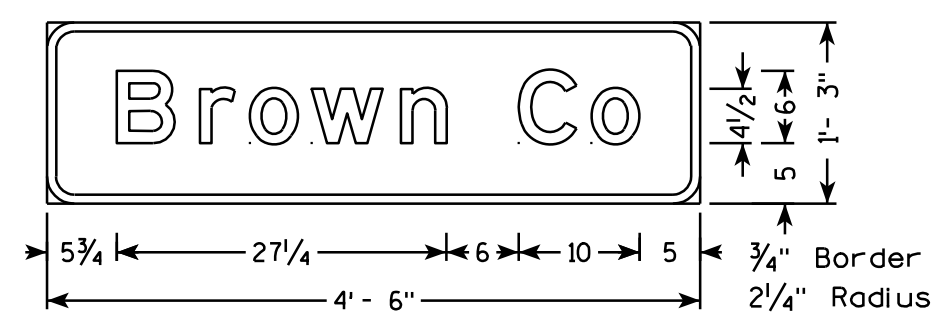
1. All Signs Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - GREEN  
Message - WHITE
3. Message Series - E excpet as Shown



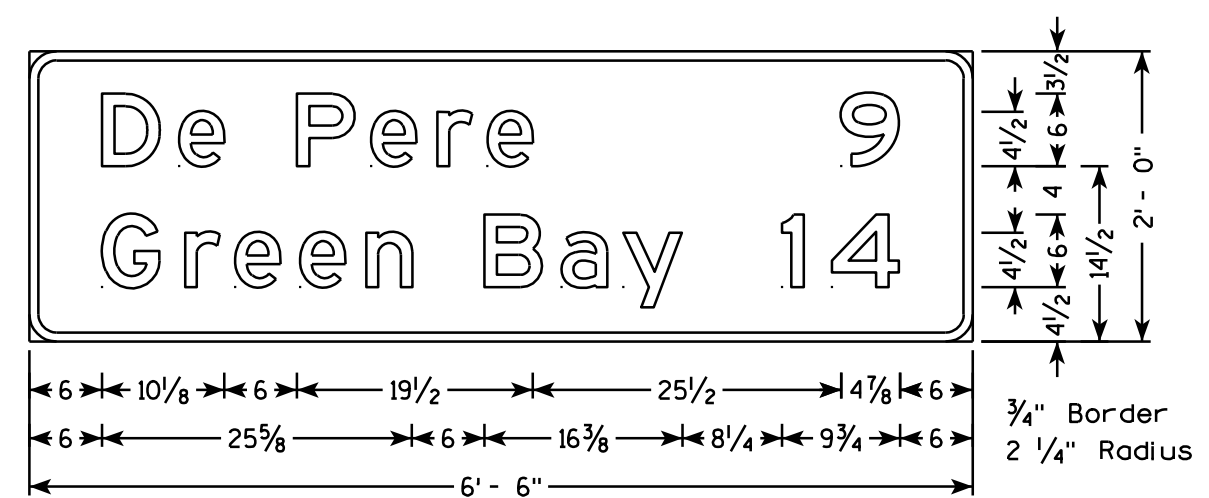
D2-3



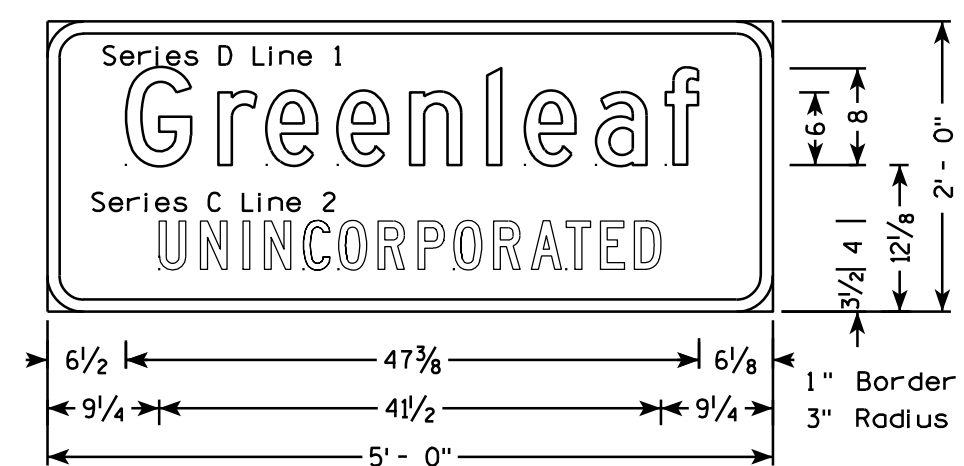
I2-2



I2-2



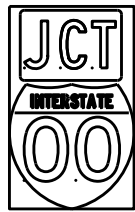
D2-2



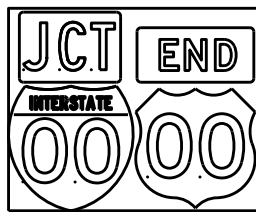
I2-3



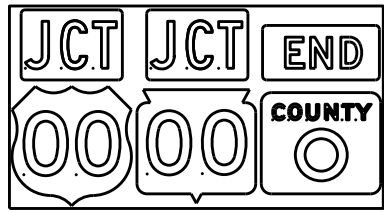
TYPICAL ASSEMBLIES



J1-1



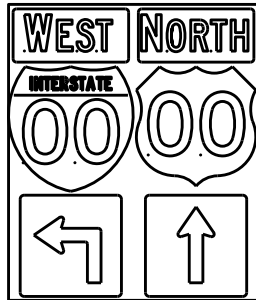
J1-2



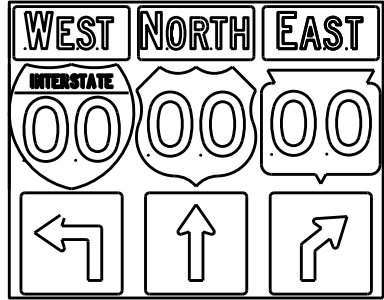
J1-3



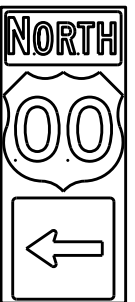
J2-1



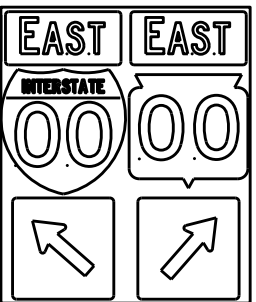
J2-2



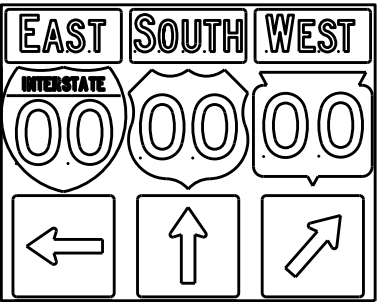
J2-3



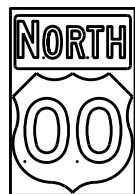
J3-1



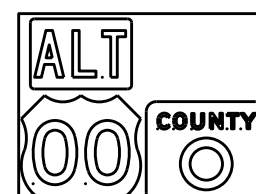
J3-2



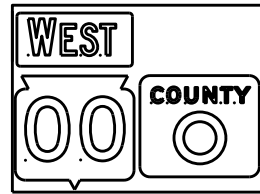
J3-3



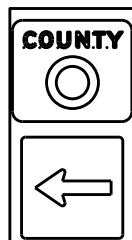
J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1



J23-1

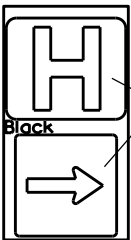


J22-1



JV

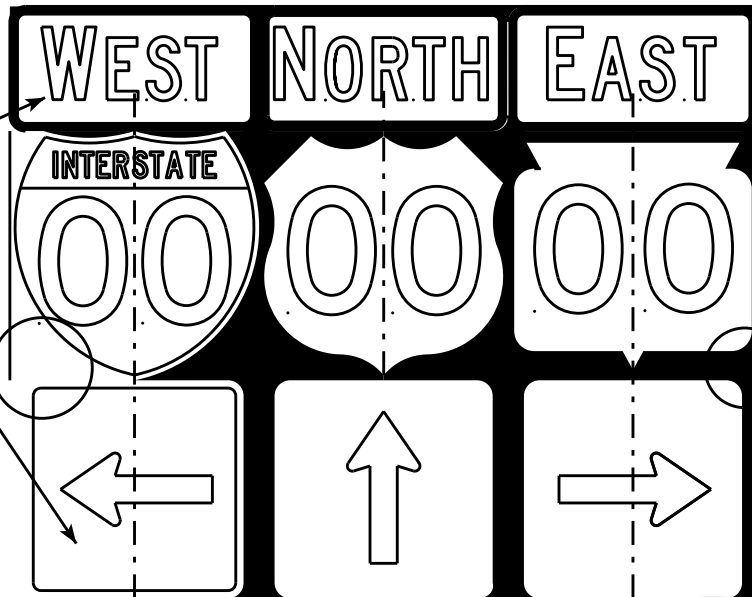
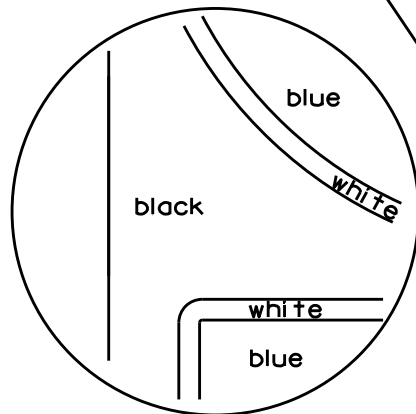
( Typical Vertical J-Assembly  
See Note 10 and 11)



JH-1

Blue Background

[blue background  
with interstate]



[black background]

ROUTE MARKERS & COMPONENTS  
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
For State Traffic Engineer

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

NOTES

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

PROJECT NO:

FILE NAME : C:\CAEFiles\Projects\tr\_stdplate\A21S.DGN

PLOT DATE : 06-FEB-2014 14:10

PLOT BY : mscs.ja

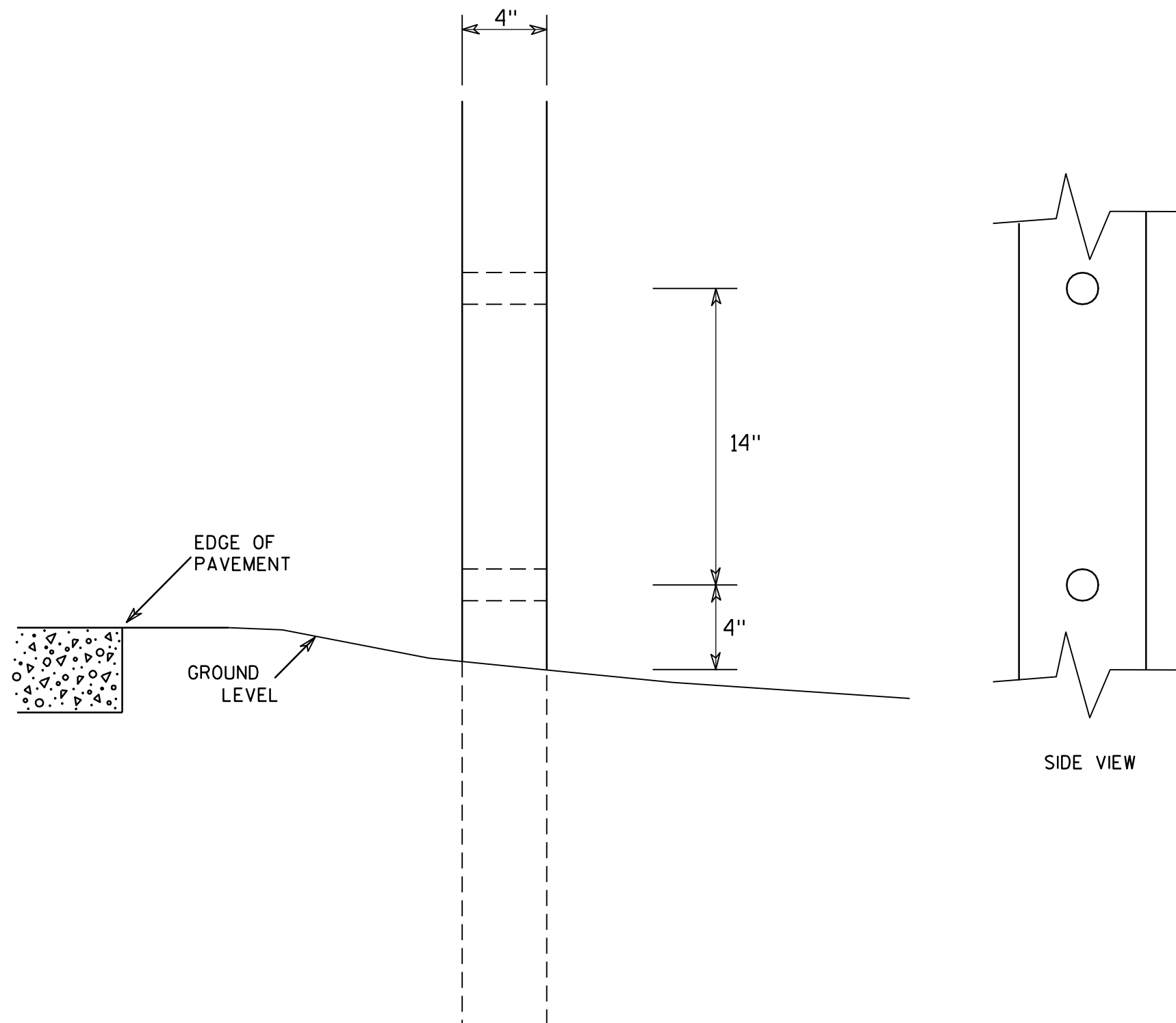
PLOT NAME :

SHEET NO:

E

WISDOT/CADDs SHEET 42

7



### GENERAL NOTES

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

7

### 4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

*Chester J. Spang*  
for State Traffic Engineer

DATE 3/27/97

PLATE NO. A4-11.2

PROJECT NO:

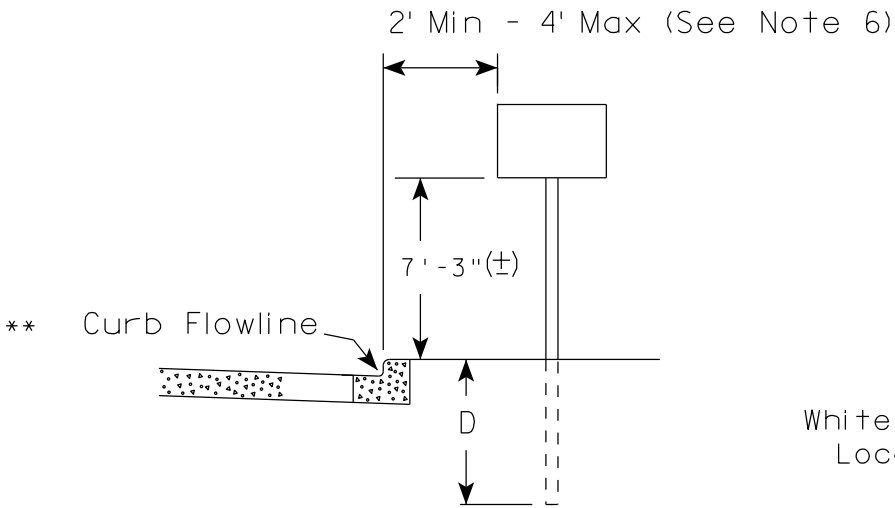
HWY:

COUNTY:

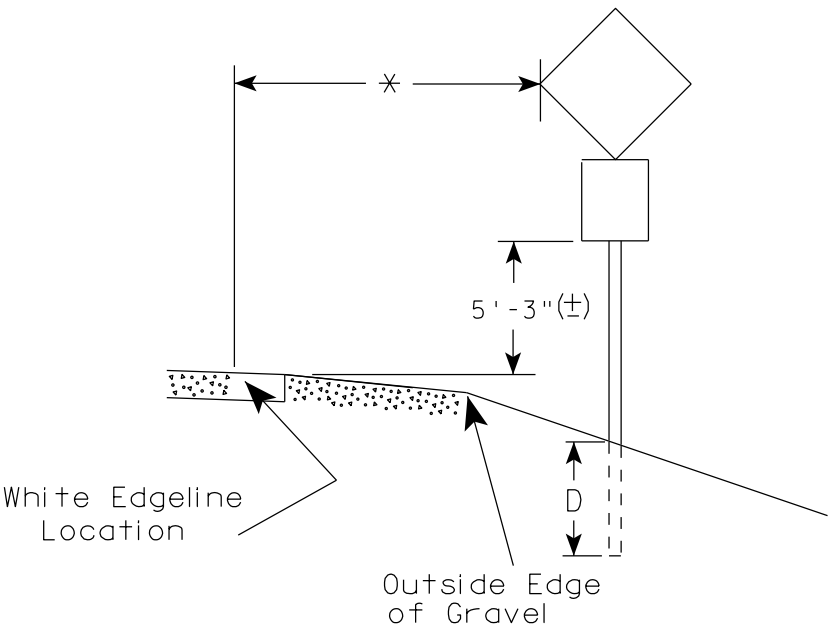
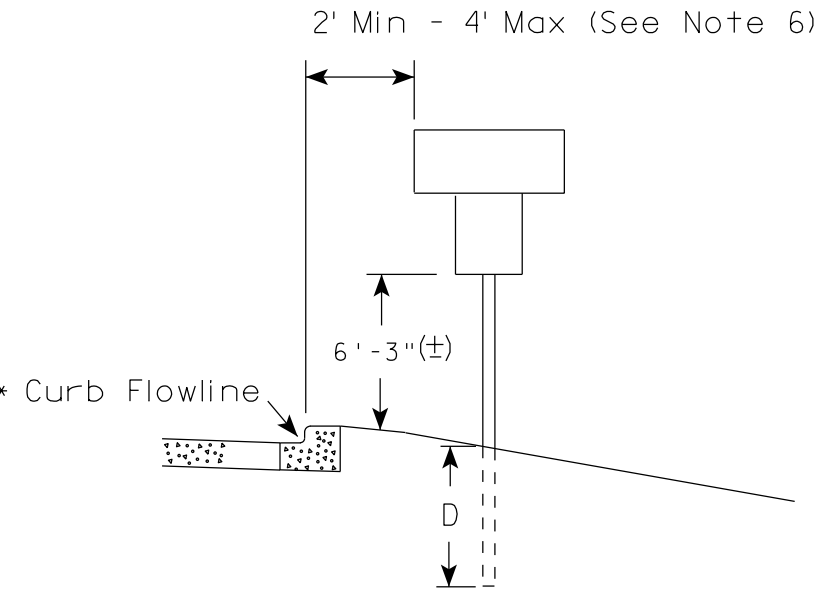
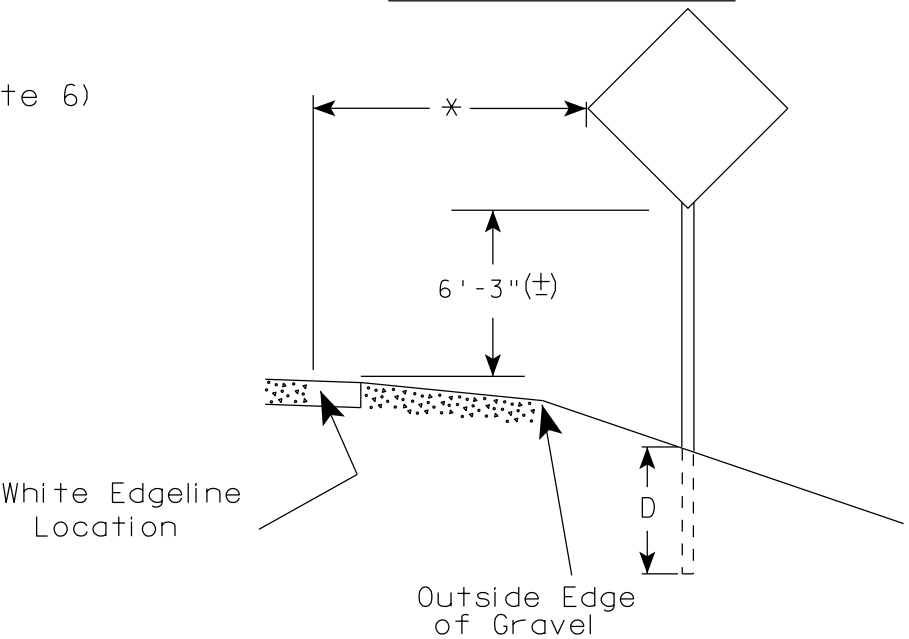
SHEET NO:

E

URBAN AREA



RURAL AREA (See Note 2)



- GENERAL NOTES
1. Signs wider than 4 feet, 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
  2. If signs are mounted on barrier wall, see A4-10 sign plate.
  3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
  4. Minimum mounting height for J assemblies (A4-5) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
  5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
  6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
  7. The (±) tolerance for mounting height is 3 inches.
  8. Folding stop signs (R1-1F) shall be mounted at a height of 5'-3" (±) or as directed by the Engineer.
  9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series) & End of Rod Markers (W5-56 & W5-56A) shall be mounted at a height of 4'-3" (+).

POST EMBEDMENT DEPTH

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

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

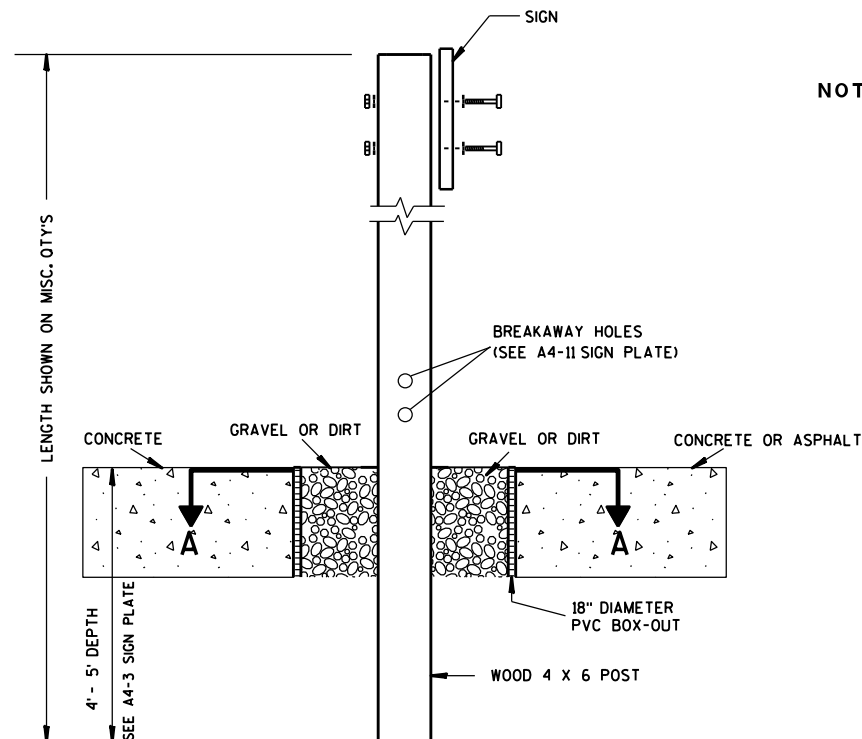
\* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

TYPICAL INSTALLATION  
OF PERMANENT TYPE II  
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED  
*Matthew R. Rauch*  
for State Traffic Engineer

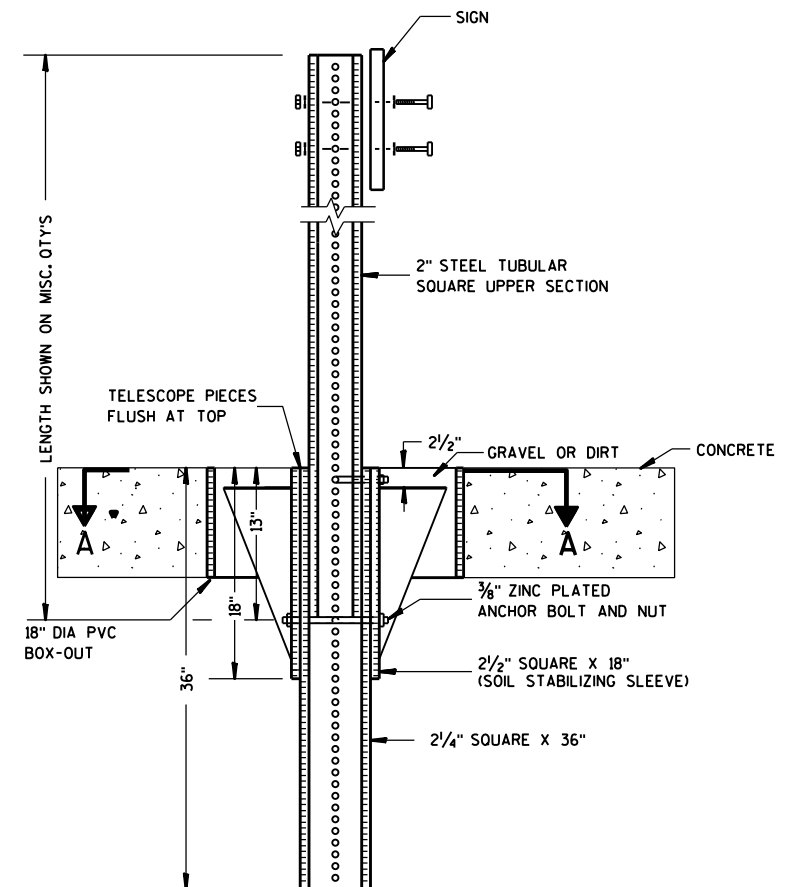
DATE 9/30/13 PLATE NO. A4-3.18



### ELEVATION VIEW

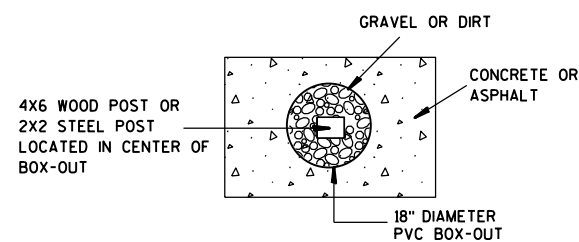
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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



### ELEVATION VIEW

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



### PLAN VIEW

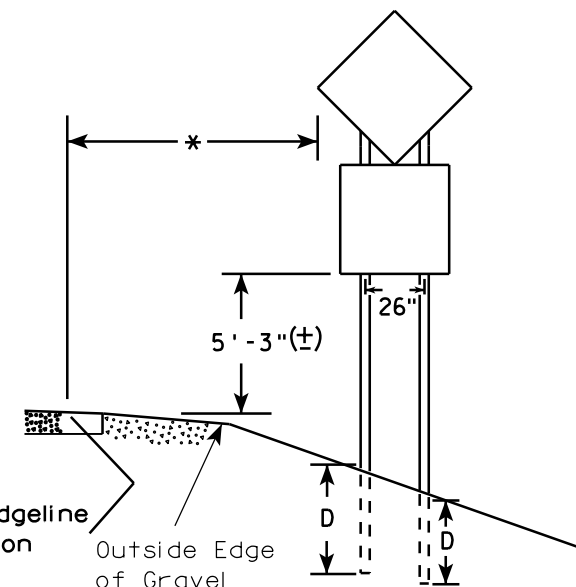
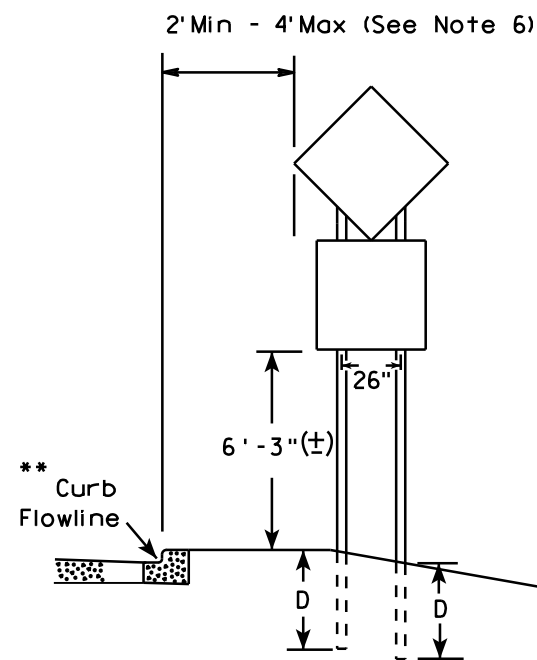
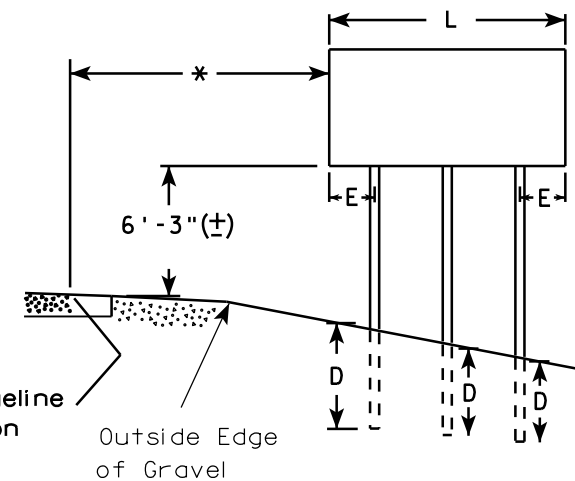
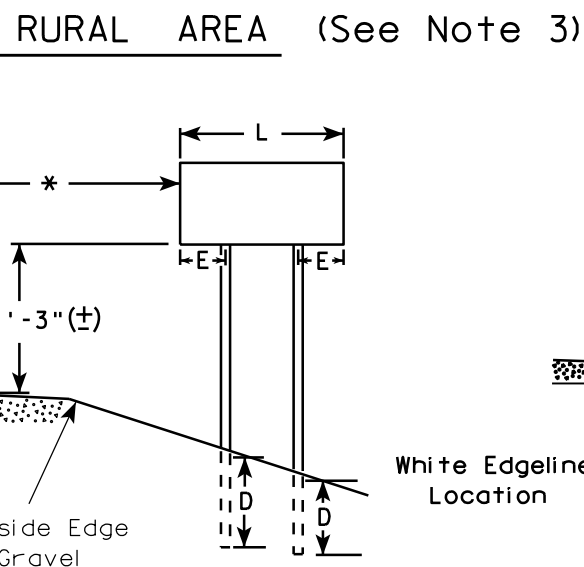
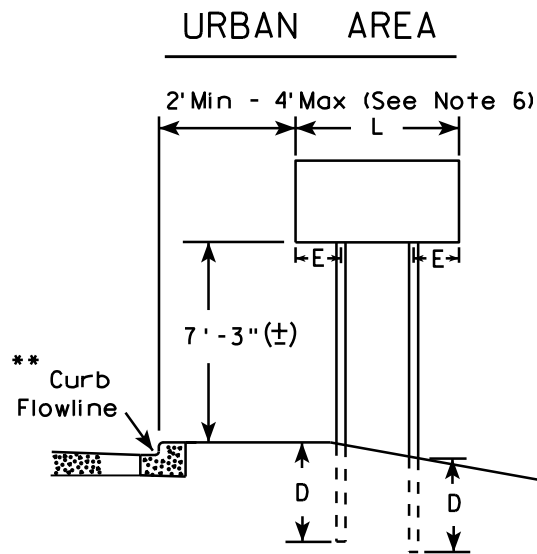
FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST  
BOX-OUTS  
A4-3B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

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



48" DIAMOND WARNING SIGN

48" DIAMOND WARNING SIGN

- GENERAL NOTES**
- For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
  - See tables below for required number of posts.
  - For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
  - The (±) tolerance for mounting height is 3 inches.
  - Minimum mounting height for J assemblies (A4-5) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
  - Offset distance shall be consistent with existing signs or consistent throughout length of project.
  - Folding stop signs (R1-1F) shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
  - The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series) & End of Road Markers (W5-56 & W5-56A) shall be mounted at a height of 4'-3" (±).

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

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

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

\*\*\*

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

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

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

POST EMBEDMENT DEPTH

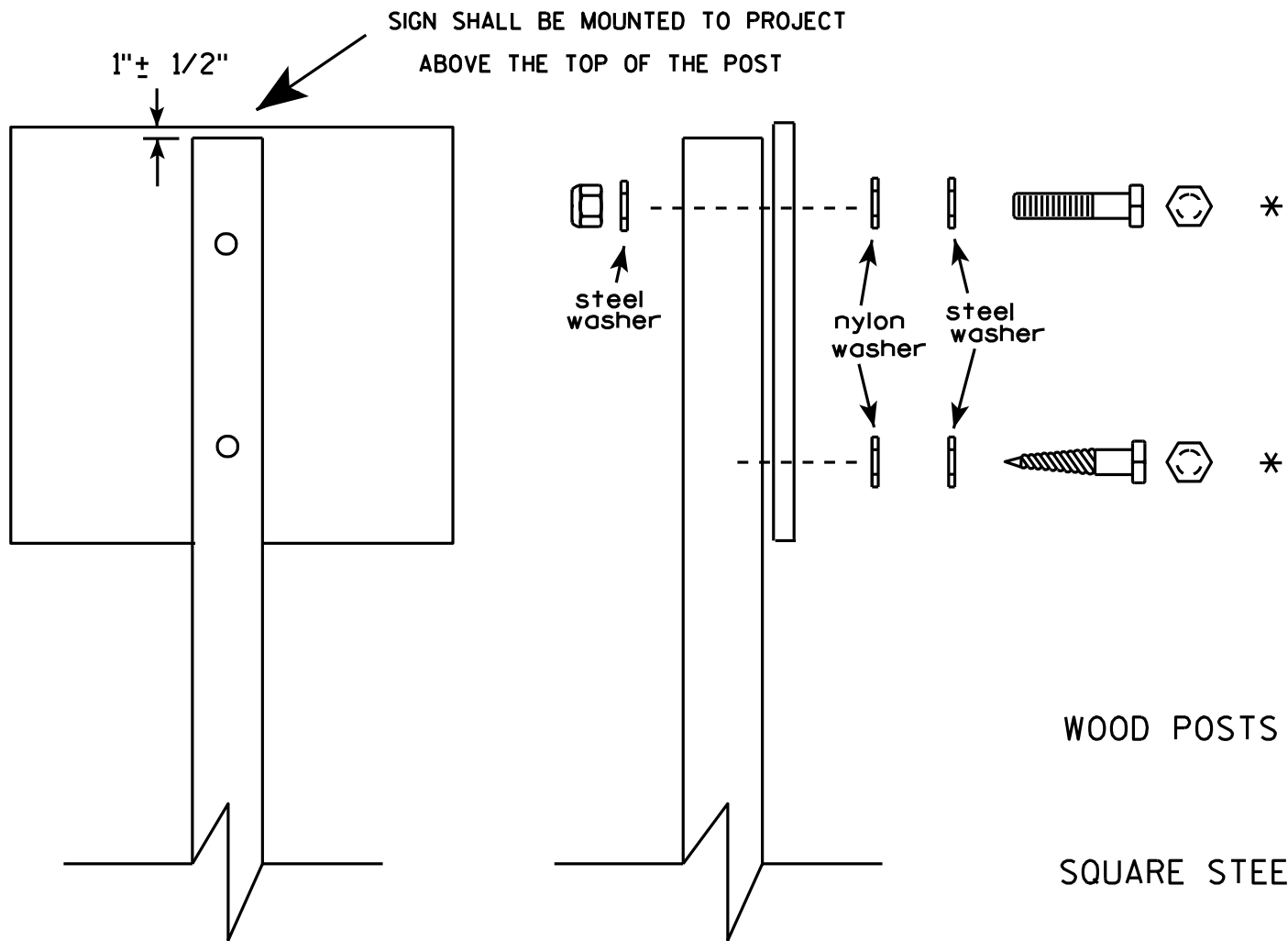
Area of Sign Installation ( Sq. Ft. )	D ( Min )
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION  
OF TYPE II SIGNS  
ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 9/30/13 PLATE NO. A4-4.12

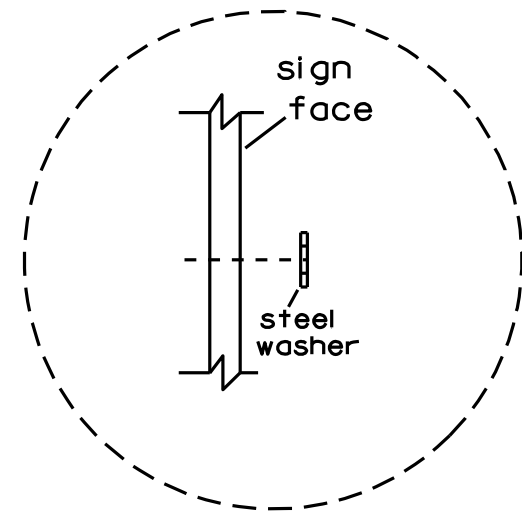


Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

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

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

- WOOD POSTS (4" x 4" or 4" x 6")  
LAG SCREWS - 3/8" X 3"  
MACHINE BOLTS - 5/16" X 6-1/2" or 7" Length w/ nuts
- SQUARE STEEL POSTS (2" x 2")  
MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts  
RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL  
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH
- WASHERS (ALL POSTS) -  
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL  
1-1/4" O.D. X 3/8" I.D. X .080 NYLON for all Type H signs.



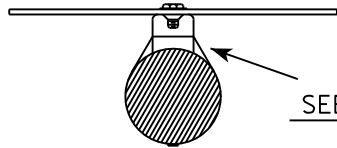
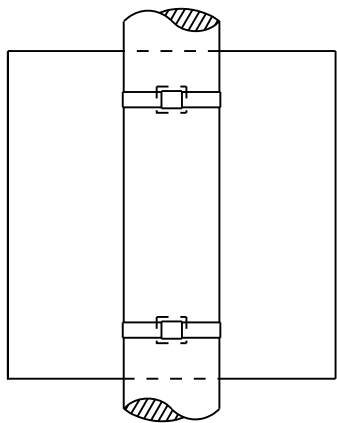
Washer Placement when Sign Has Other Than Type H or Type F Face

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

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

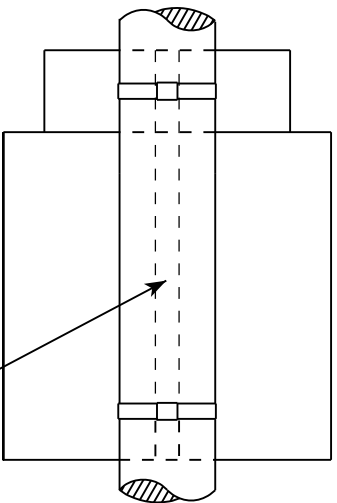
BANDING

SINGLE SIGN

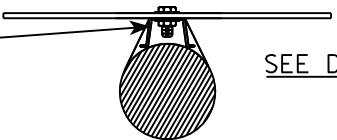


SEE DETAIL A

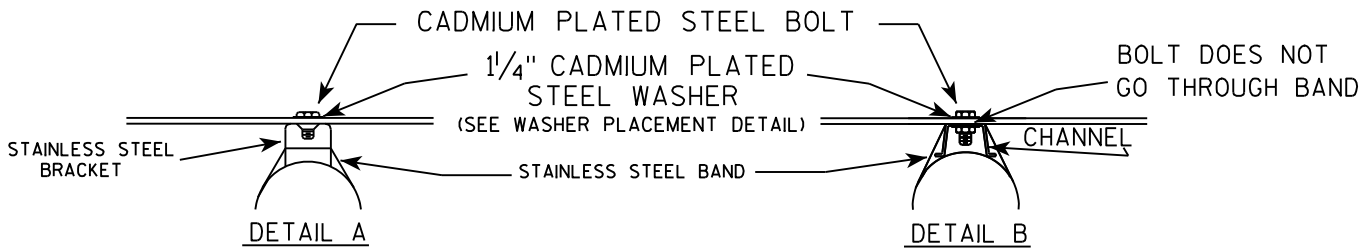
"J" ASSEMBLY



CHANNEL  
SEE TYPICAL PANEL  
INSTALLATION SHEET



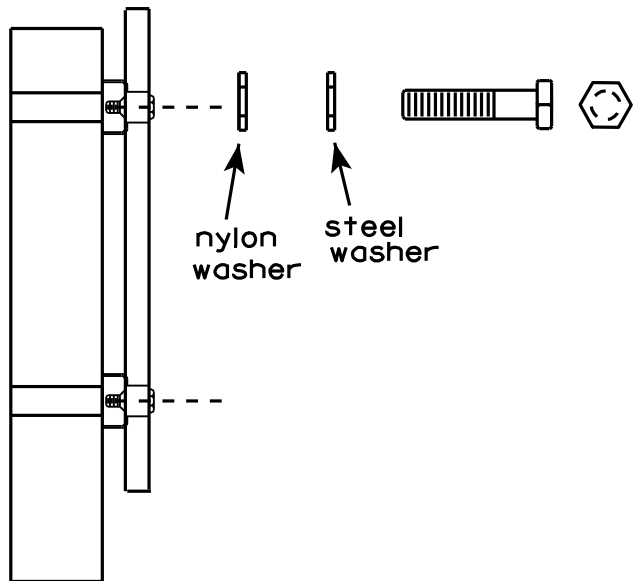
SEE DETAIL B



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



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

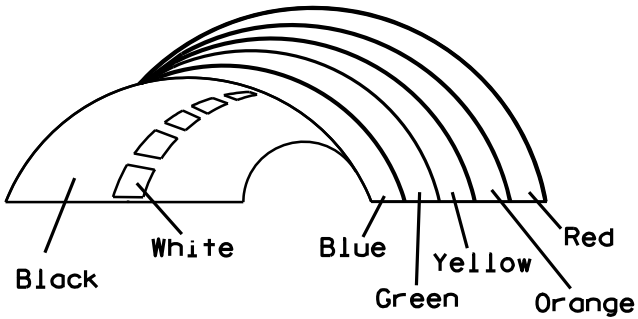
APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 8/16/13 PLATE NO. A5-9.3



\* VARIES

Background Colors of Symbol\*



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

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - White  
Message - (See Note 5)
3. Message Series - (See Note 6)
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Border - Blue  
Line 1 - Red  
Line 2 - Black  
Line 3-5 - Blue
6. Line 1 - Dutch 8011L  
Line 2 - Series E  
Line 3-5 - Series C
7. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	36	1 1/2	1/2	5/8	3	2	3 1/2	2 7/8	1	8	2 1/8	11 1/4	11 1/8	9 3/8	1 1/4		3/4	12 5/8	7 1/2							7.5
3																											
4																											
5																											

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

STANDARD SIGN  
I55-56

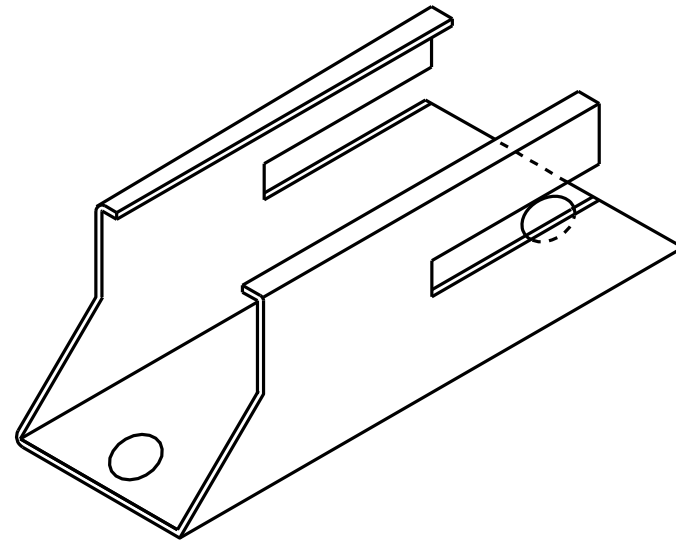
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
For State Traffic Engineer

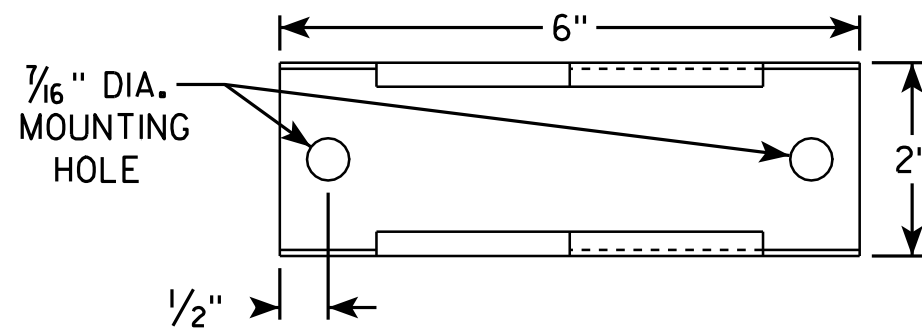
DATE 4/27/11 PLATE NO. I55-56.3



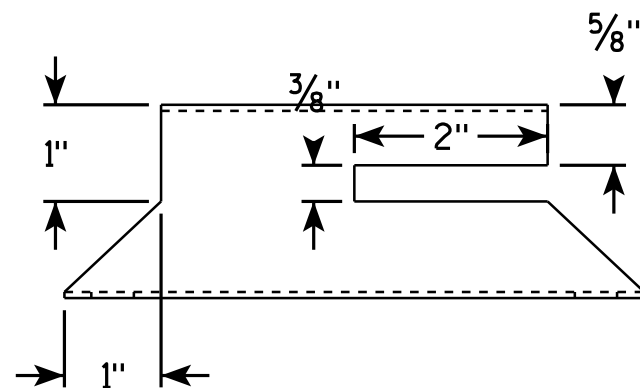
# ISOMETRIC VIEW



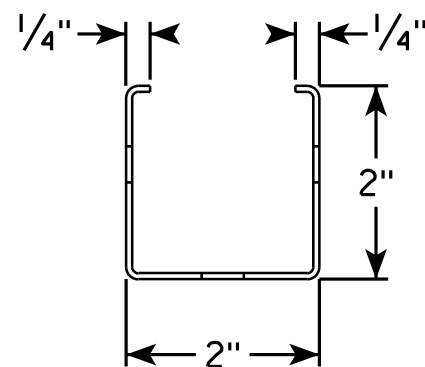
# TOP VIEW



# SIDE VIEW



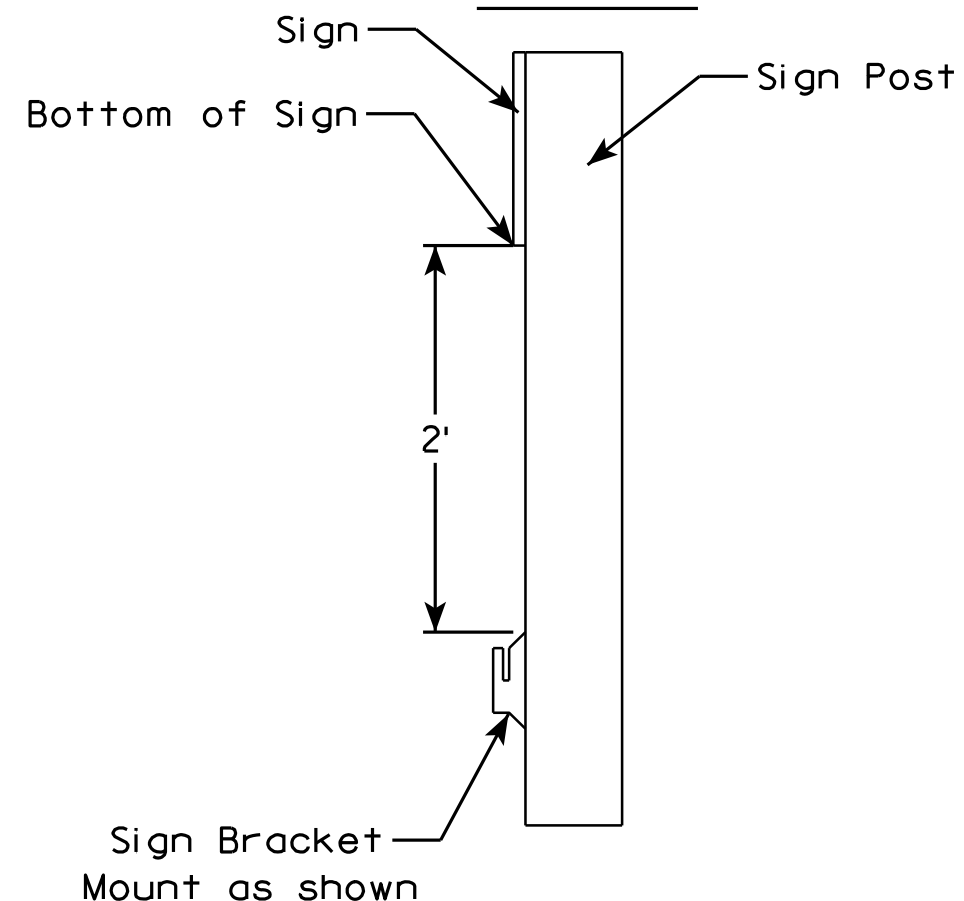
# END VIEW



# NOTES

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

# SIDE VIEW



ROLLUP SIGN BRACKET  
I55-56B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
For State Traffic Engineer

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

PROJECT NO:

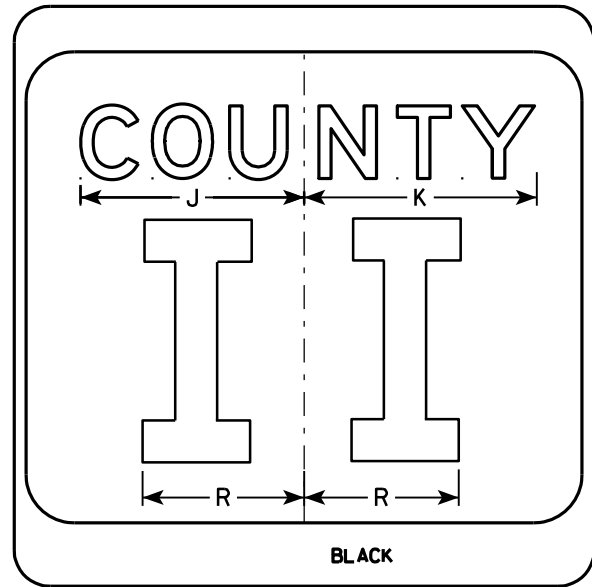
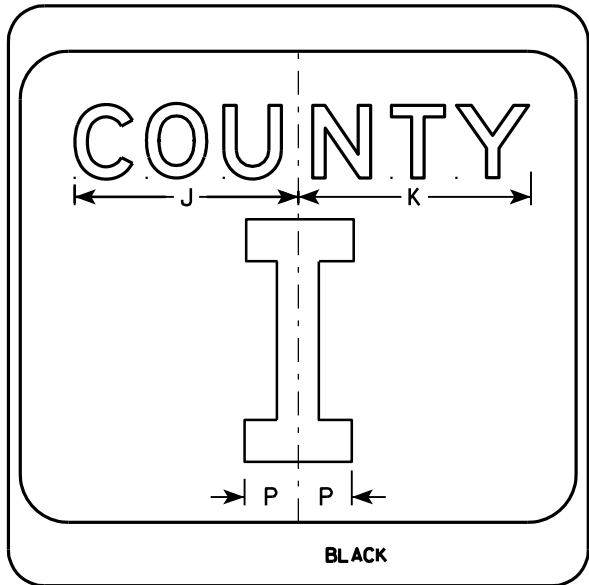
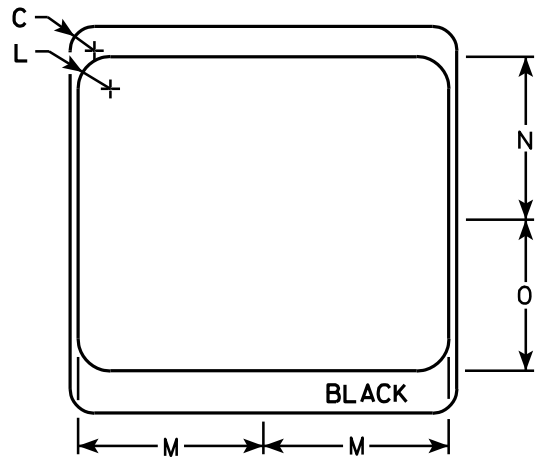
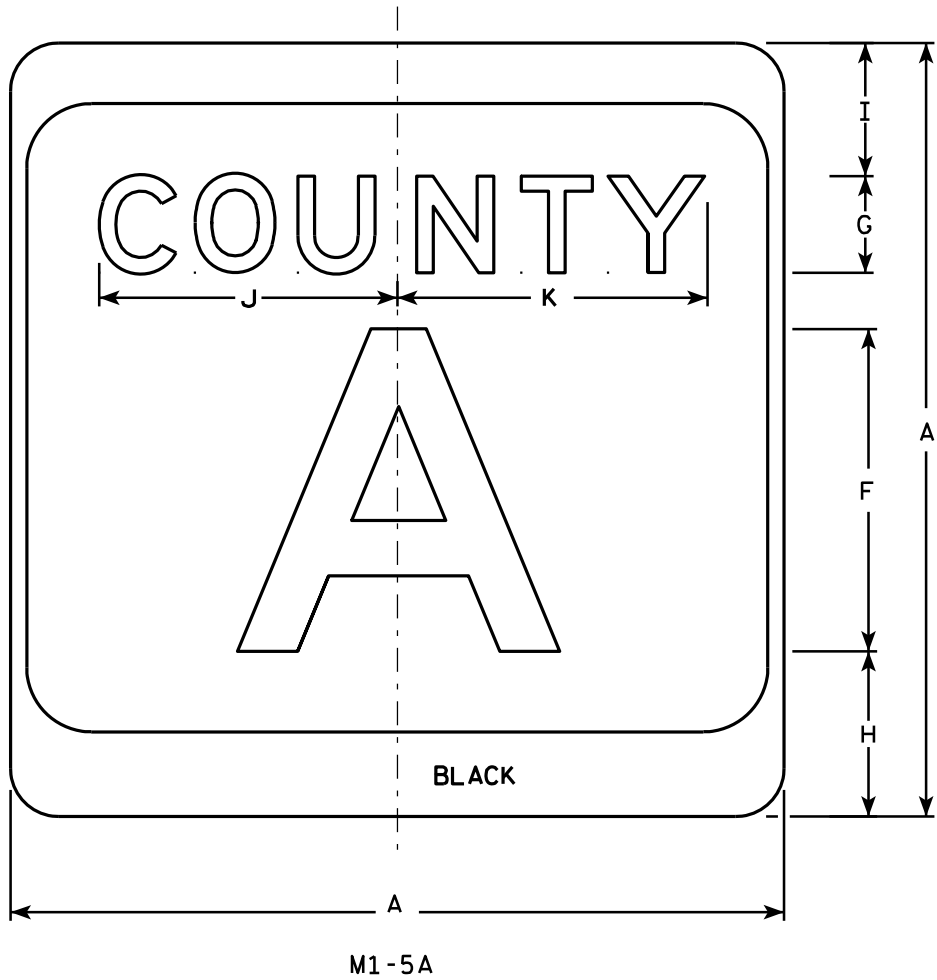
HWY:

COUNTY:

SHEET NO:

E

7



NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - White & Black - See Note 7  
Message - Black
3. Message Series - see Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Message Series E for 1 letter.  
Message Series D for 2 letters unless message is too big then Series C.  
Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs  
Background - Type H Reflective  
Detour or temporary Signs  
Background - Reflective

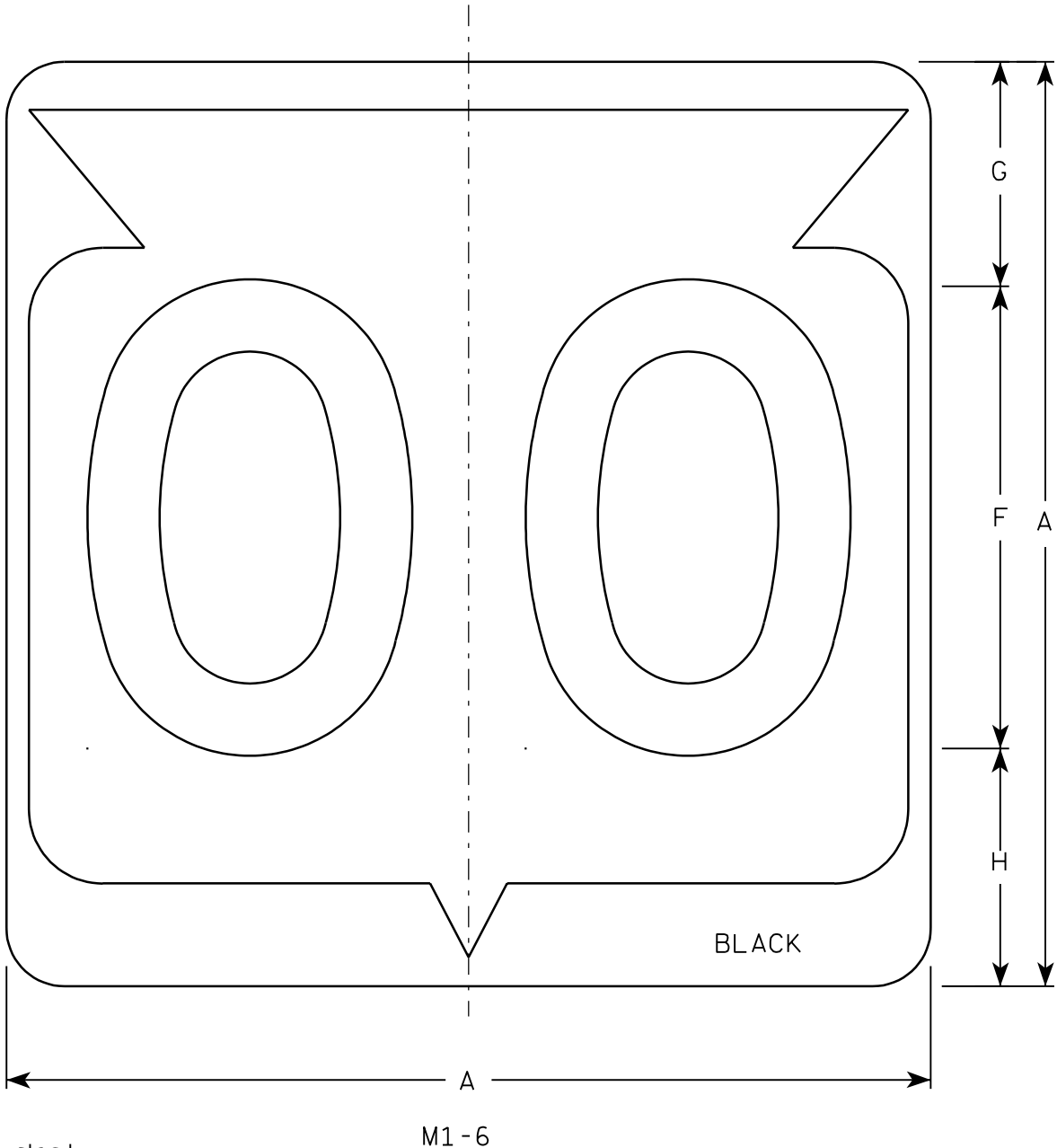
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5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

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

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

7



Metric equivalent  
for this sign is:

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area 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

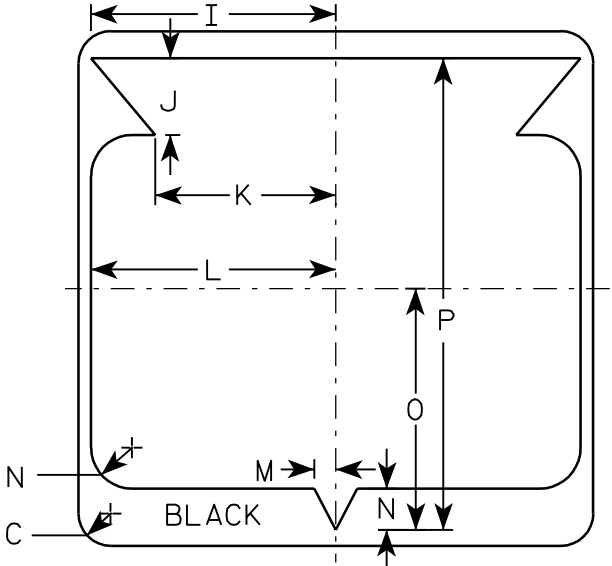
PLOT NAME :

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

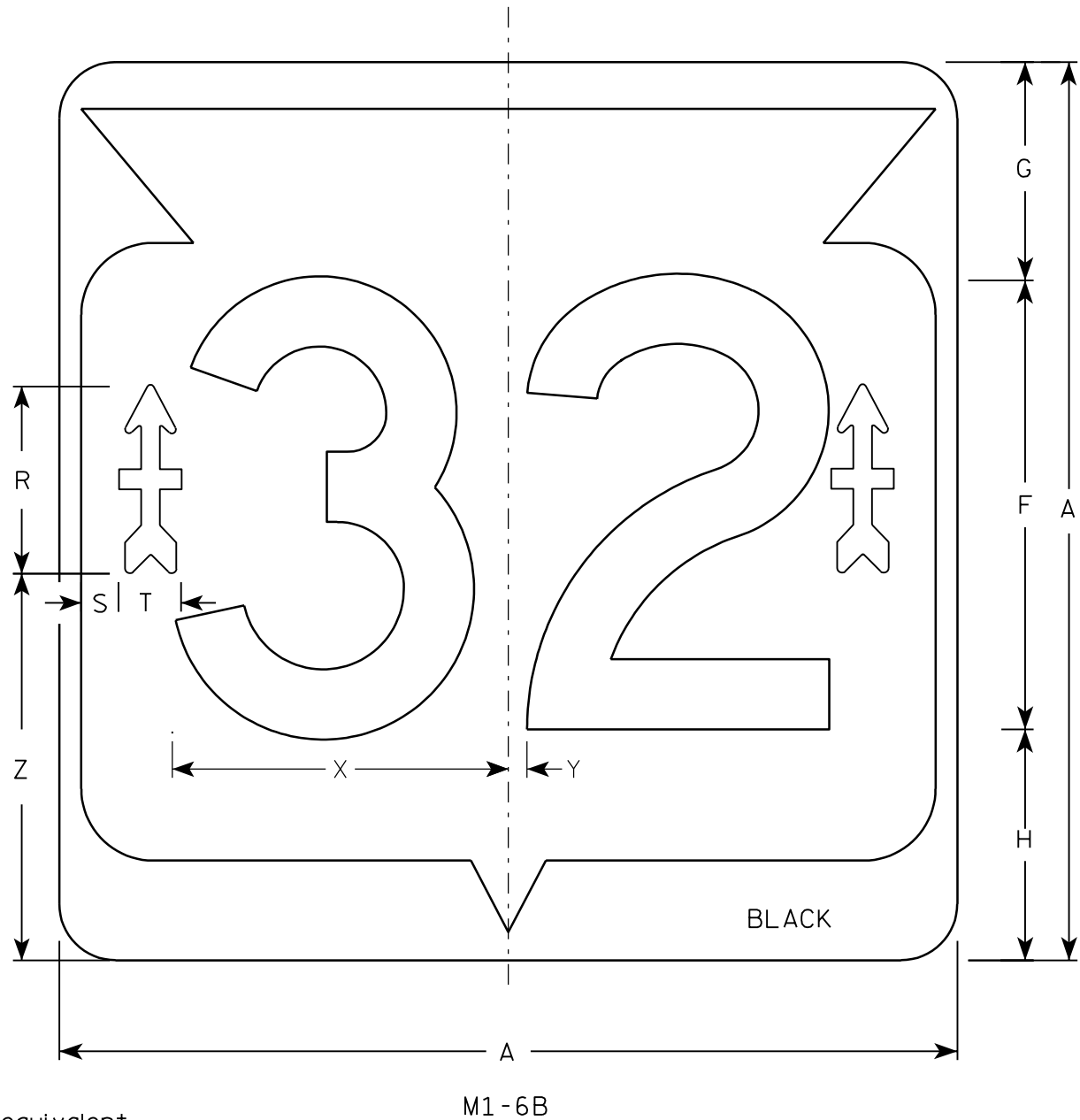
WISCONSIN DEPT OF TRANSPORTATION

APPROVED

*Chester J. Spang*  
for State Traffic Engineer

DATE 3/20/02

PLATE NO. M1-6.9

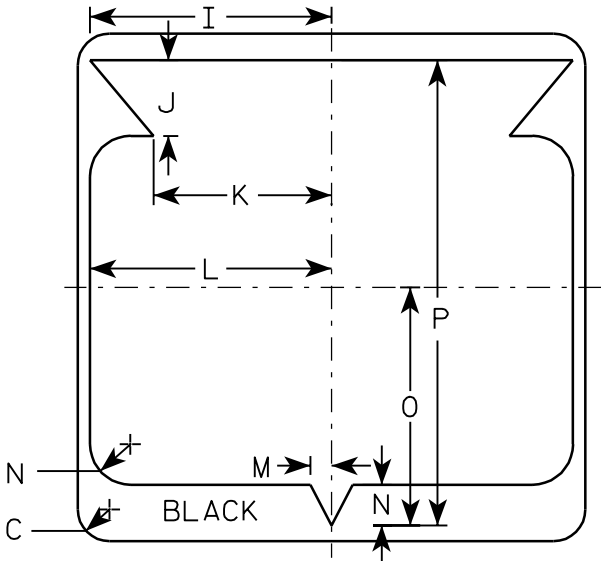


SIZE	
1	
2	600 mm X 600 mm
3	900 mm X 900 mm
4	900 mm X 900 mm
5	900 mm X 900 mm

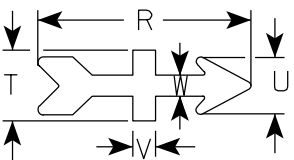
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m <sup>2</sup>
1																												
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8		5 1/8	3/4	1 7/8	1 1/2	5/8	5/8	9	1/2	10 1/2	4.0	.36
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33		7 1/2	1 1/2	2 1/2	2	7/8	3/4	13 1/2	3/4	15 1/2	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		7 1/2	1 1/2	2 1/2	2	7/8	3/4	13 1/2	3/4	15 1/2	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		7 1/2	1 1/2	2 1/2	2	7/8	3/4	13 1/2	3/4	15 1/2	9.0	.81

NOTES

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



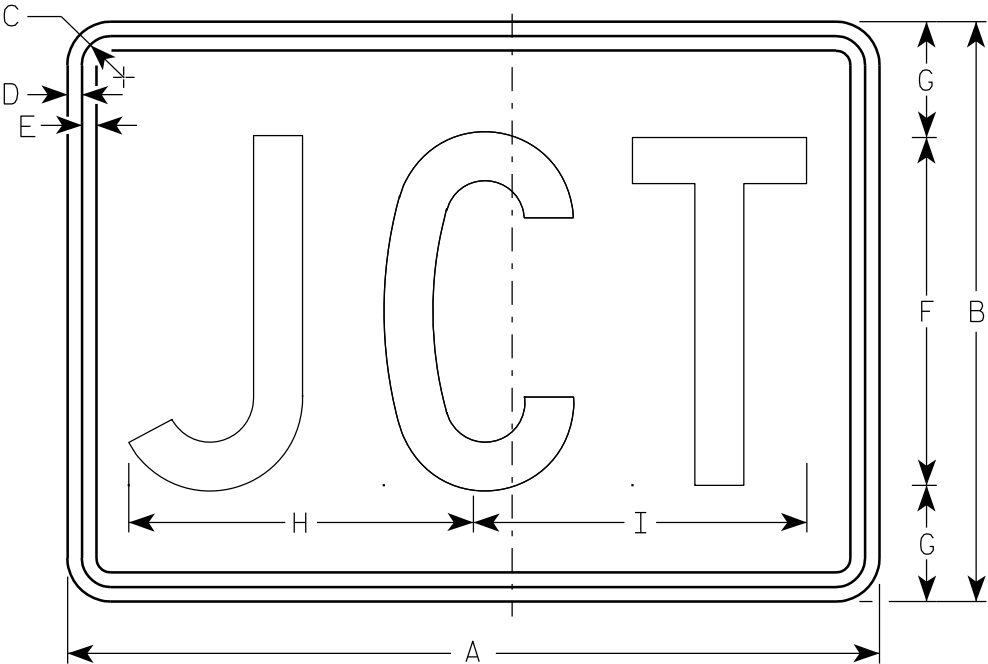
32nd DIVISION ARROW  
ACTUAL SIZE



STATE ROUTE MARKER "32"  
M1-6B FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION  
APPROVED *Matthew R. Rauch*  
for State Traffic Engineer  
DATE 12/5/05 PLATE NO. M1-6B.2

7



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

Metric equivalent  
for this sign is:

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

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

PROJECT NO:

HWY:

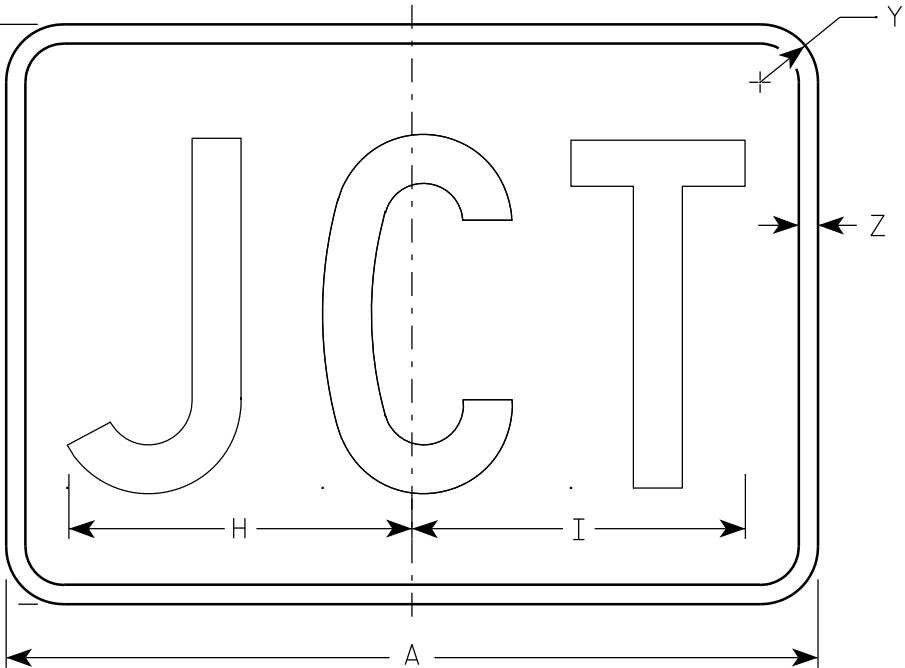
COUNTY:

SHEET NO:

E

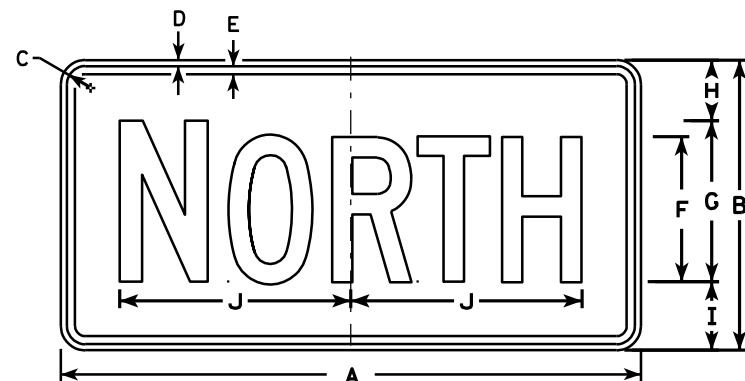
NOTES

- Sign is Type II - See Note 5 - reference  
WIS DOT Standard Specification for HIGHWAY  
and STRUCTURE CONSTRUCTION latest edition.
- Color:  
Background - See note 5  
Message - See note 5
- Message Series - C
- Corners may be square or rounded when base  
material is plywood but borders shall be rounded  
as shown. When base material is metal, the  
corners and borders shall be rounded.
- M2-1 Background - White - Type H Reflective  
(Detour or temporary Signs - Reflective)  
Message - Black  
MB2-1 Background - Blue  
Message - White - Type H Reflective  
(Detour or temporary Signs - Reflective)  
MG2-1 Background - Green  
Message - White - Type H Reflective  
MK2-1 Background - Green  
Message - White - Type H Reflective  
MM2-1 Background - White - Type H Reflective  
Message - Green  
MN2-1 Background - Brown  
Message - White - Type H Reflective  
MR2-1 Background - Brown  
Message - Yellow - Type H Reflective



MB2-1  
MG2-1  
MN2-1

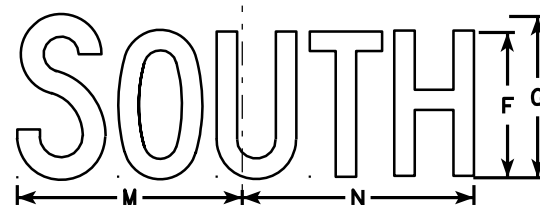
7



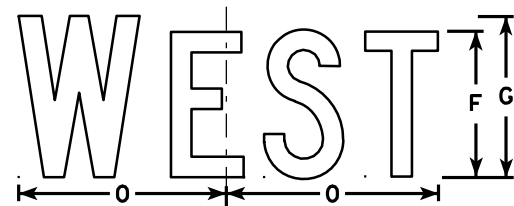
M3-1  
MK3-1  
M03-1



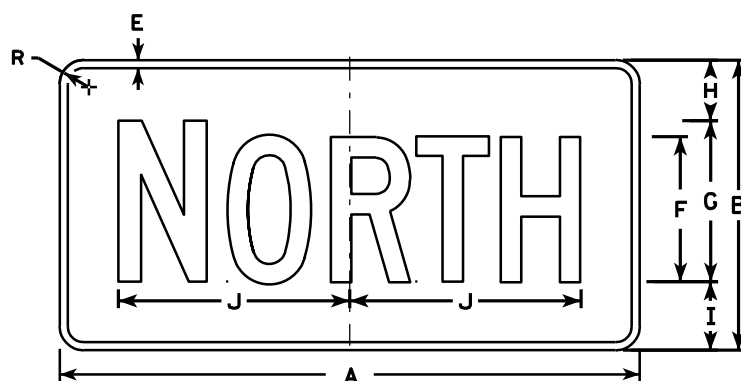
M3-2  
MK3-2  
M03-2



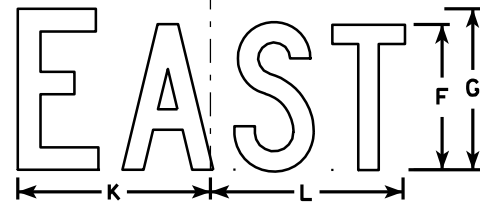
M3-3  
MK3-3  
M03-3



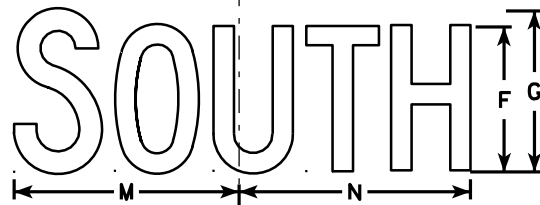
M3-4  
MK3-4  
M03-4



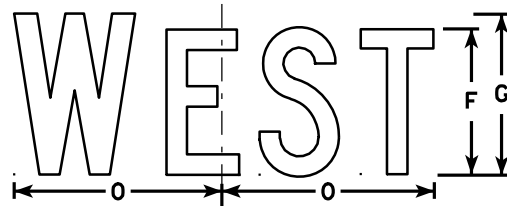
MB3-1  
MG3-1  
MM3-1  
MN3-1



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



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



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

## NOTES

1. All Signs Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - See note 5  
Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White - Type H Reflective (Detour or temporary signs - Reflective)  
Message - Black  
MB3-1 thru MB3-4 Background - Blue  
Message - White - Type H Reflective (Detour or temporary signs - Reflective)  
MG3-1 thru MG3-4 Background - Green  
Message - White - Type H Reflective  
MK3-1 thru MK3-4 Background - Green  
Message - White - Type H Reflective  
MM3-1 thru MM3-4 Background - White - Type H Reflective  
Message - Green  
MN3-1 thru MN3-4 Background - Brown  
Message - White - Type H Reflective  
M03-1 thru M03-4 Background - Orange - Reflective  
Message - Black
6. Note the first letter of each direction is larger than the remainder of the message.

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

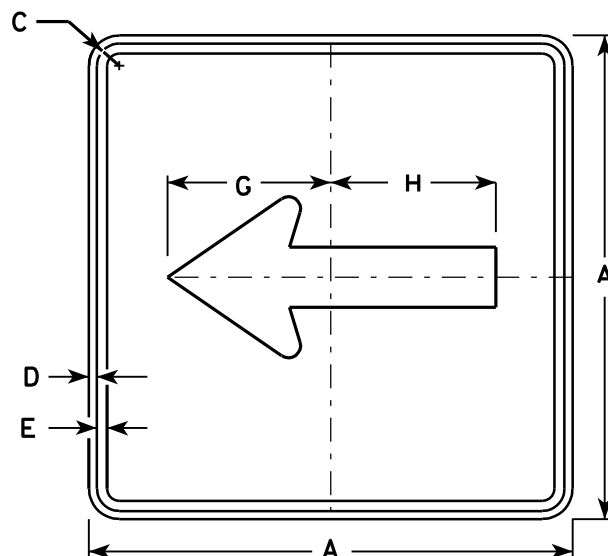
PROJECT NO: HWY: COUNTY: SHEET NO: E

## STANDARD SIGNS M3-1 thru M3-4 SERIES

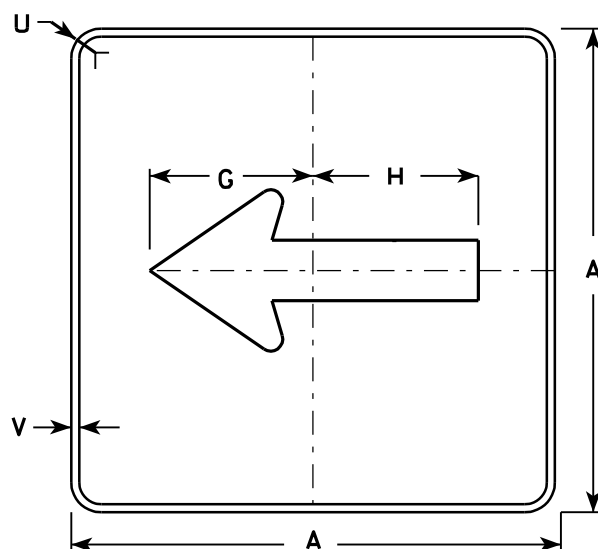
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

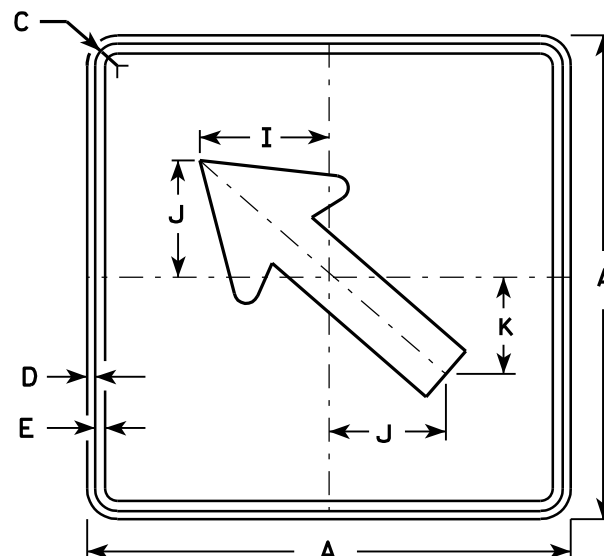
DATE 11/10/10 PLATE NO. M3-1.12



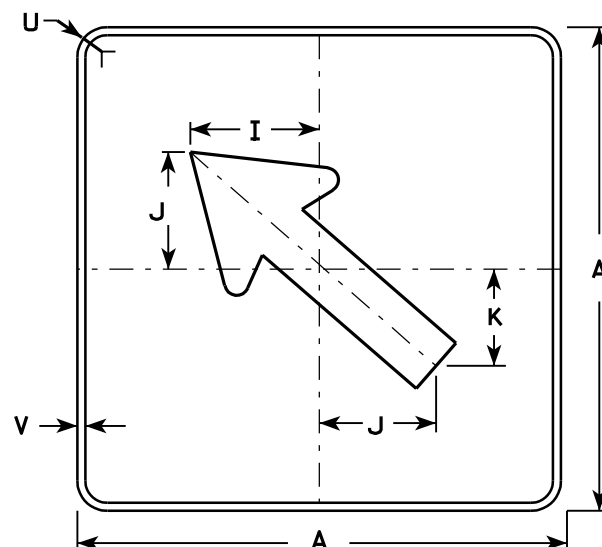
M6-1  
MK6-1  
MM6-1  
MO6-1  
MP6-1  
MR6-1



MB6-1  
MG6-1  
MN6-1



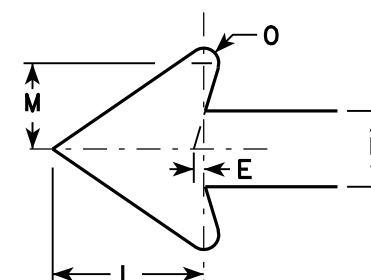
M6-2  
MK6-2  
MM6-2  
MO6-2  
MP6-2  
MR6-2



MB6-2  
MG6-2  
MN6-2

# NOTES

- Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
  - Background - See note 4
  - Message - See note 4
- Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- M6-1 and M6-2 Background - White - Type H Reflective Message - Black
  - MB6-1 and MB6-2 Background - Blue Message - White - Type H Reflective
  - MG6-1 and MG6-2 Background - Green Message - White - Type H Reflective
  - MK6-1 and MK6-2 Background - Green Message - White - Type H Reflective
  - MM6-1 and MM6-2 Background - White - Type H Reflective Message - Green
  - MN6-1 and MN6-2 Background - Brown Message - White - Type H Reflective
  - MO6-1 and MO6-2 Background - Orange - Type F Reflective Message - Black
  - MP6-1 and MP6-2 Background - White - Type H Reflective Message - Blue
  - MR6-1 and MR6-2 Background - Brown Message - Yellow - Type H Reflective



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

## STANDARD SIGN M6-1 & M6-2 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 7/29/13 PLATE NO. M6-1.13

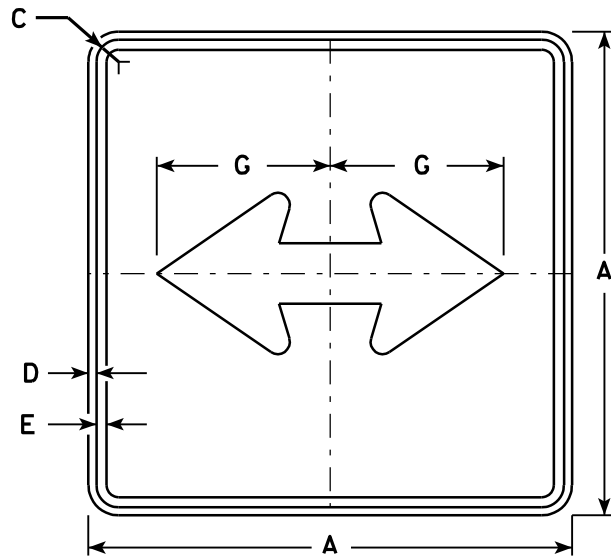
PROJECT NO:

HWY:

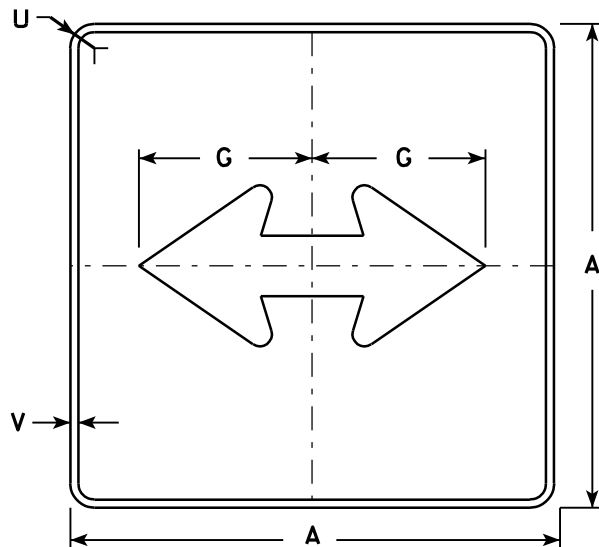
COUNTY:

SHEET NO:

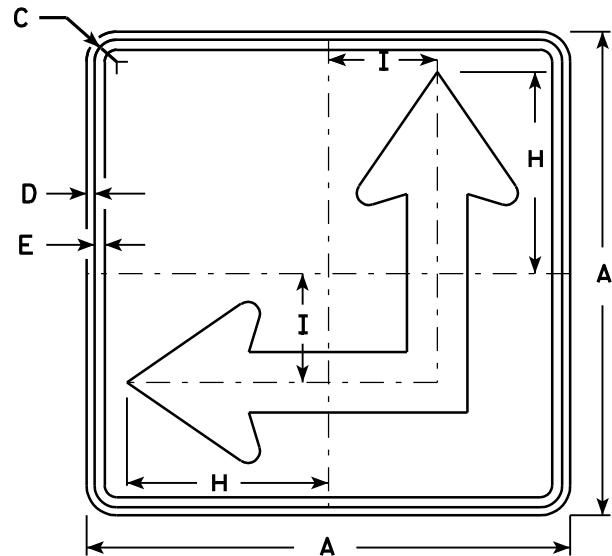
E



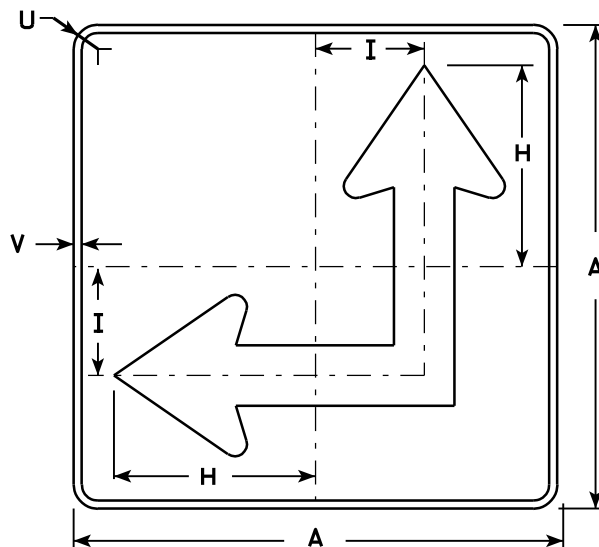
M6 - 4  
MK6 - 4  
MM6 - 4  
MO6 - 4  
MP6 - 4  
MR6 - 4



MB6 - 4  
MG6 - 4  
MN6 - 4



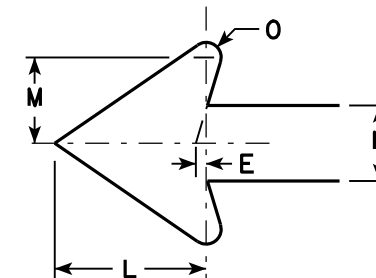
M6 - 6  
MK6 - 6  
MM6 - 6  
MO6 - 6  
MP6 - 6  
MR6 - 6



MB6 - 6  
MG6 - 6  
MN6 - 6

NOTES

- Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:  
Background - See Note 4  
Message - See Note 4
- Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- M6-4 and M6-6 Background - White - Type H Reflective  
Message - Black  
MB6-4 and MB6-6 Background - Blue  
Message - White - Type H Reflective  
MG6-4 and MG6-6 Background - Green  
Message - White - Type H Reflective  
MK6-4 and MK6-6 Background - Green  
Message - White - Type H Reflective  
MM6-4 and MM6-6 Background - White - Type H Reflective  
Message - Green  
MN6-4 and MN6-6 Background - Brown  
Message - White - Type H Reflective  
MO6-4 and MO6-6 Background - Orange - Type F Reflective  
Message - Black  
MP6-4 and MP6-6 Background - White - Type H Reflective  
Message - Blue  
MR6-4 and MR6-6 Background - Brown  
Message - Yellow - Type H Reflective
- M6-6R same as M6-6L except arrow points ahead and right.



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

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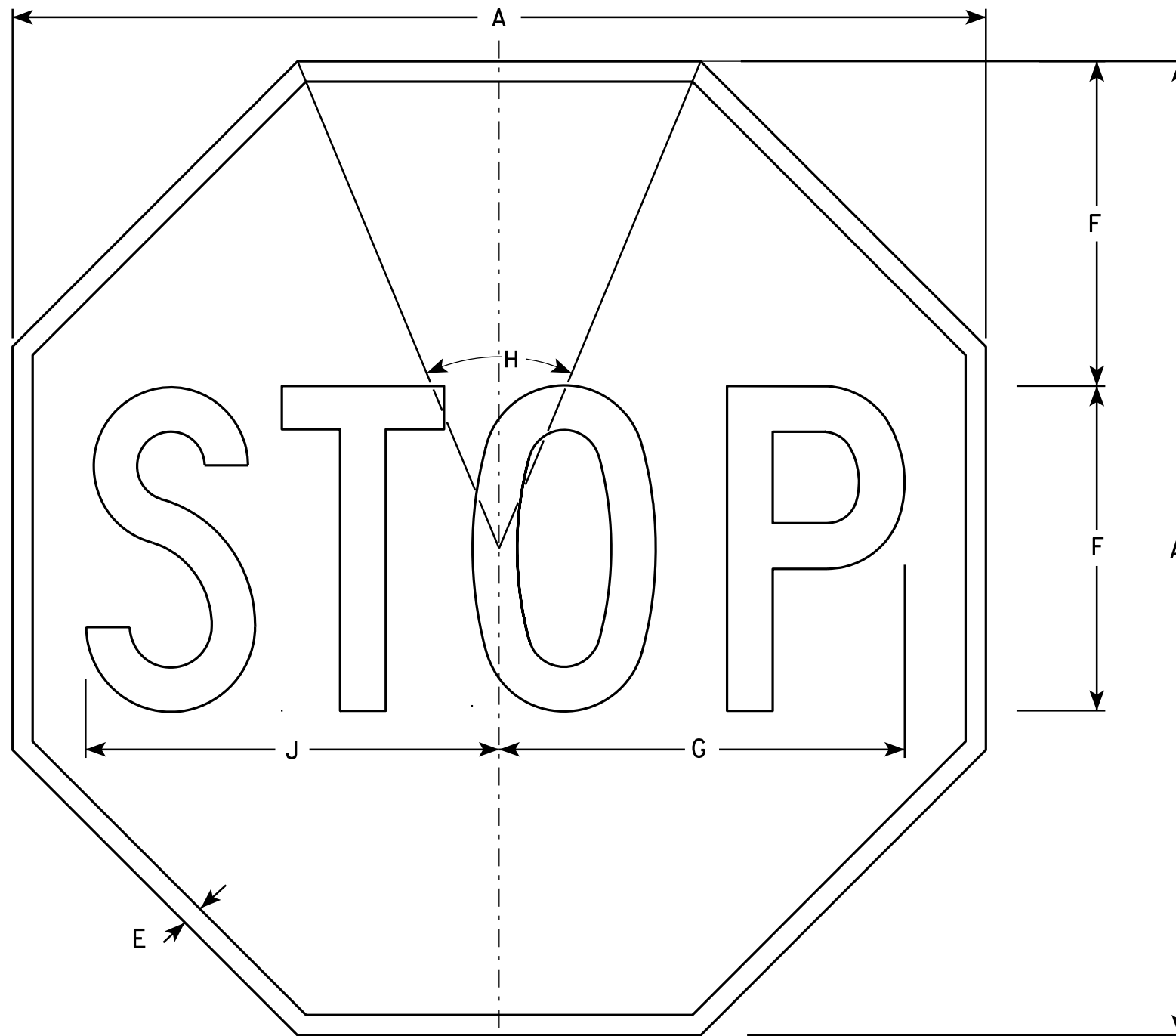
STANDARD SIGN  
M6 - 4 & M6 - 6  
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

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





NOTES

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

R1-1

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24				3/8	8	10	45°		10 1/4																	3.31
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

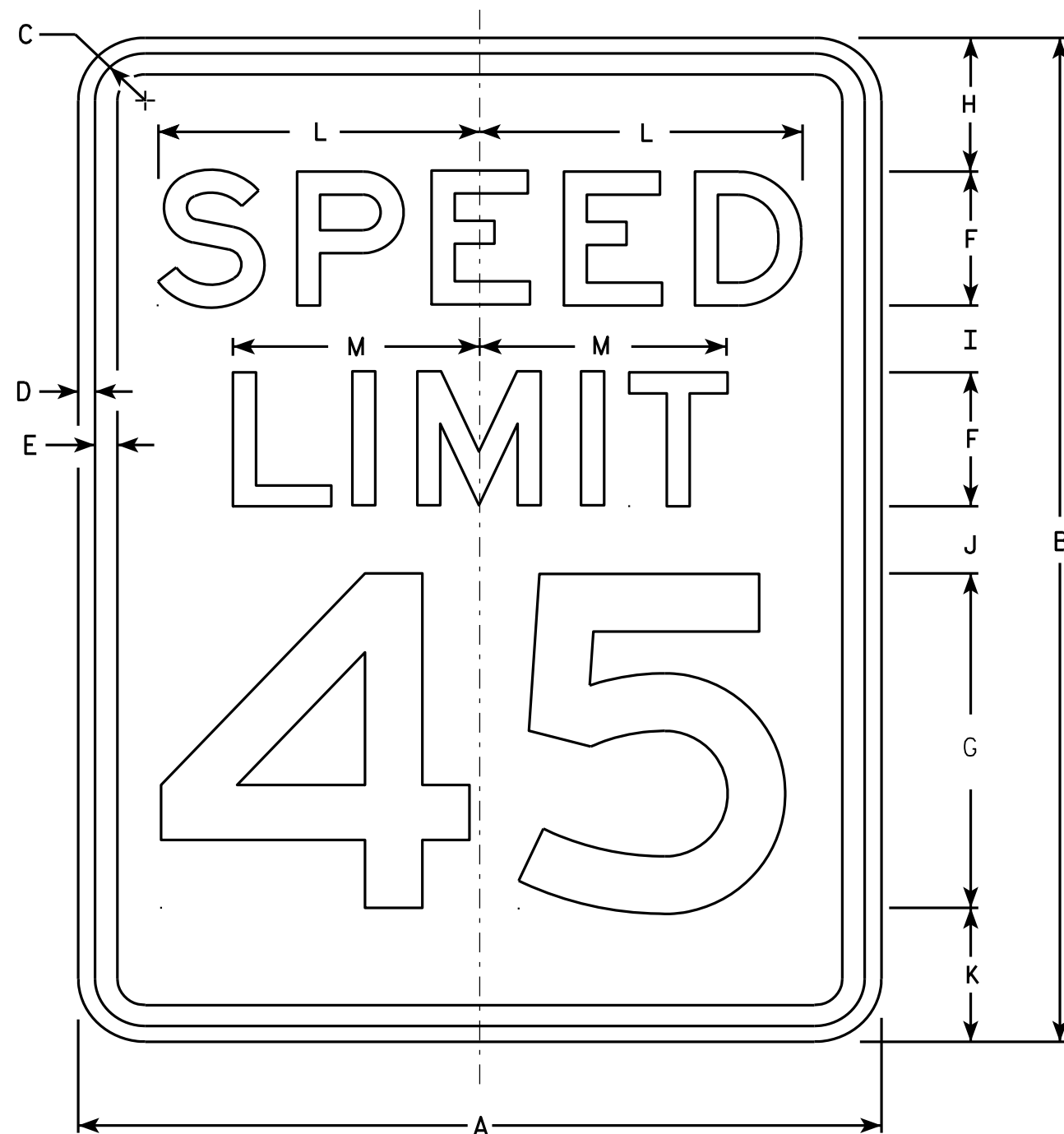
STANDARD SIGN  
R1 - 1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

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

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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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

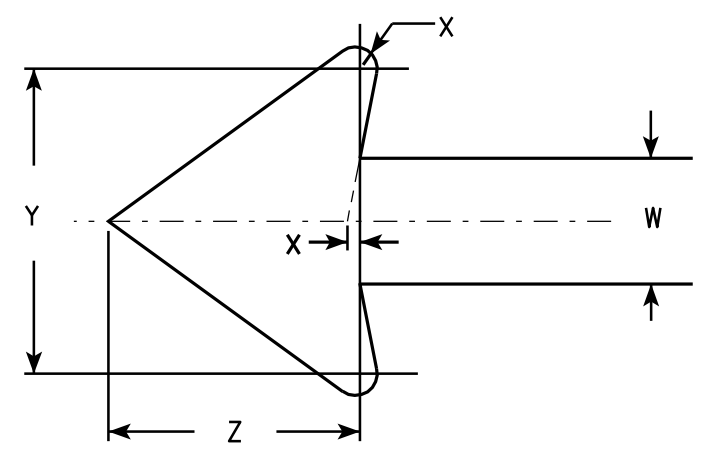
PROJECT NO: HWY: COUNTY: SHEET NO: E



R7-53

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. R7-53D (double arrow)  
R7-53L (left arrow)  
R7-53R (right arrow)



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	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 5/8	1 3/4	1/4	4 1/2	2 3/8	3 7/8	3/4	1/8	1 3/4	1 1/2	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	3 3/8	1 1/2	5/8	5 3/8	3	5 7/8	1 1/8	1/4	2 5/8	2 1/4	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	4	2	5/8	6 5/8	3 5/8	7 3/4	1 1/2	1/4	3 1/2	3	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	4	2	5/8	6 5/8	3 5/8	7 3/4	1 1/2	1/4	3 1/2	3	5.0
4																											
5																											

STANDARD SIGN  
R7-53

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R7-53.6

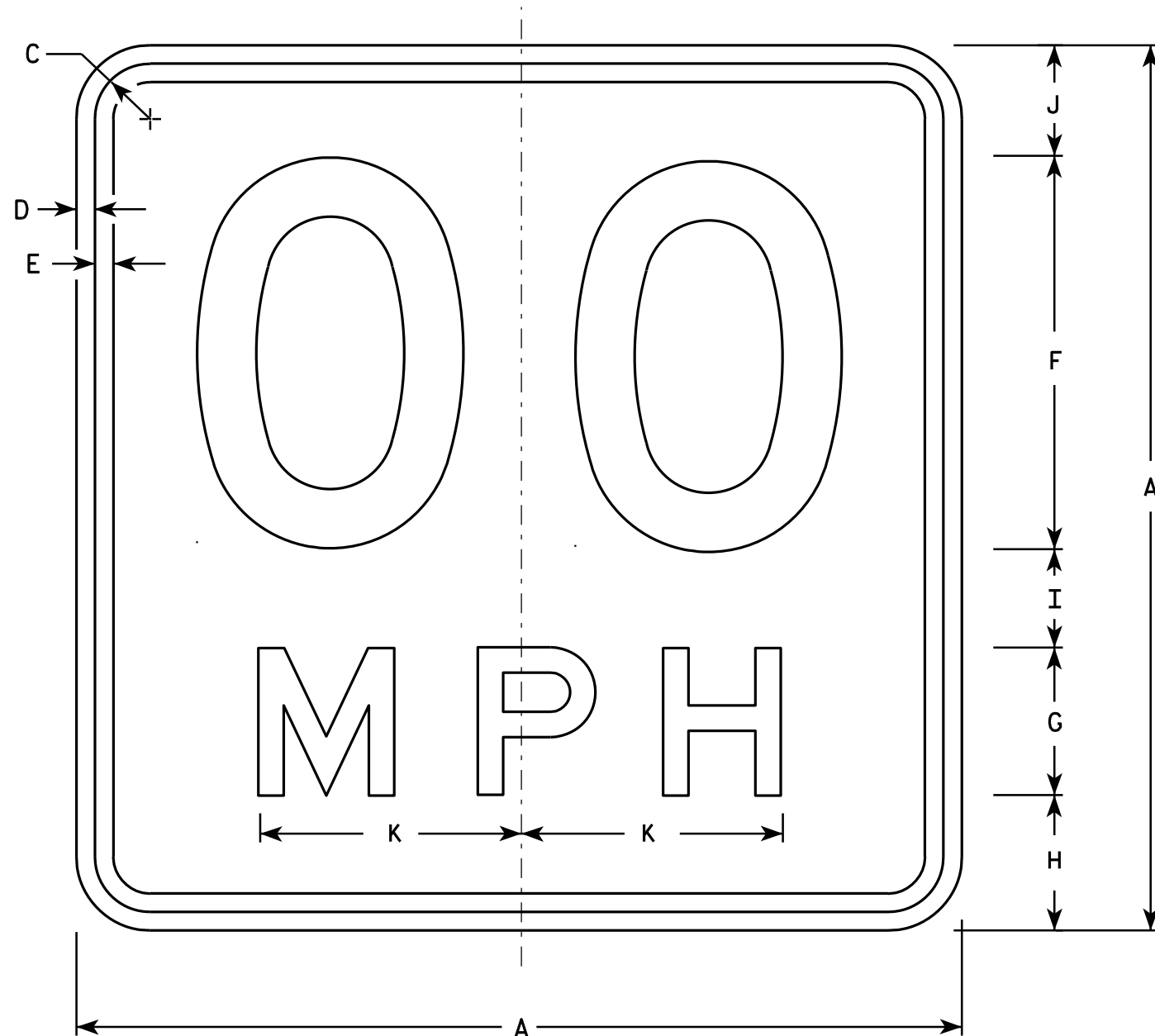
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



### NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - Yellow  
Message - Black
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D  
Line 2 is Series E

W13-1

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
* 2S	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
* 2M	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
3	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

### STANDARD SIGN

W13-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
For State Traffic Engineer

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

PROJECT NO:

HWY:

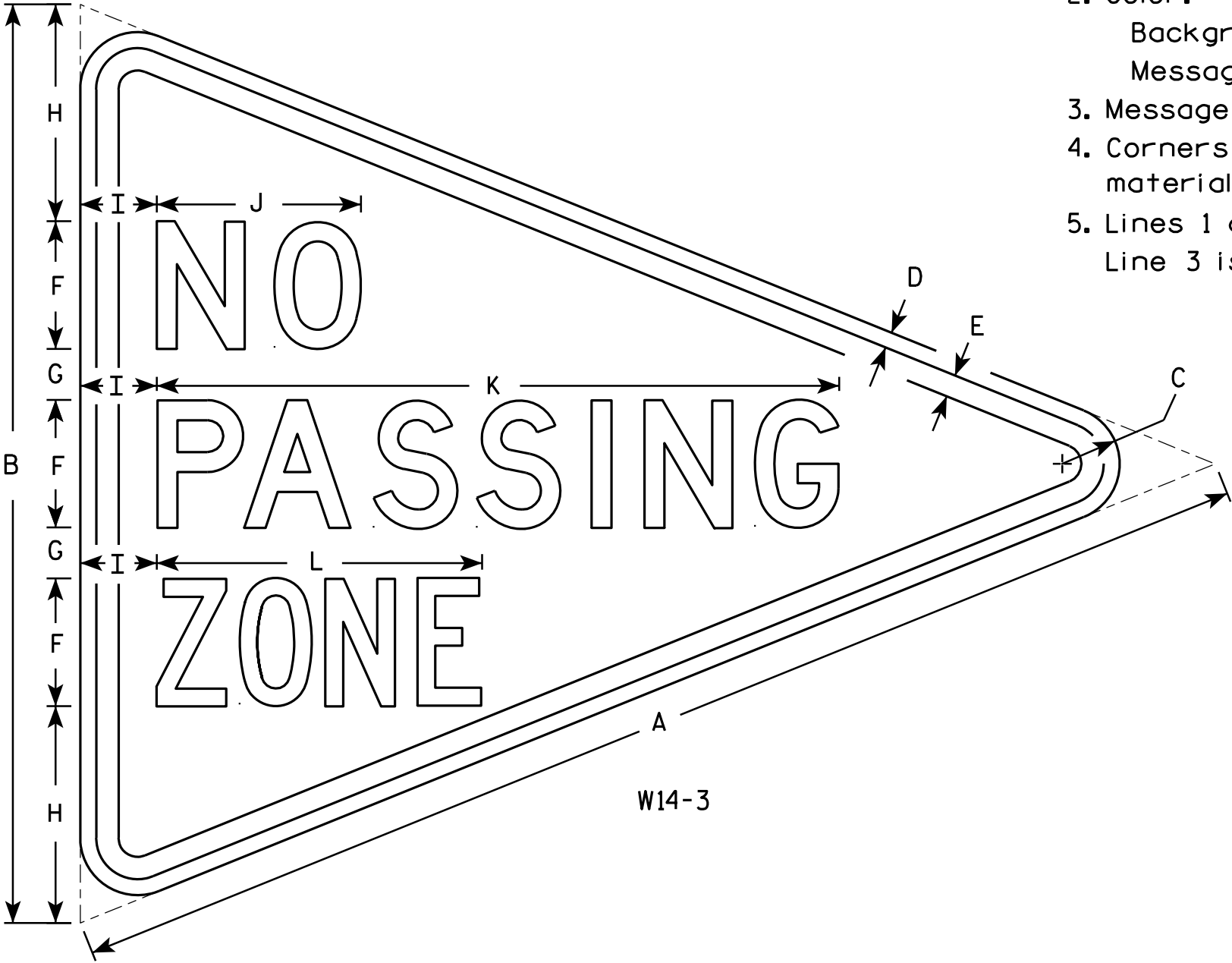
COUNTY:

SHEET NO:

E

NOTES

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



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

STANDARD SIGN  
W14-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
For State Traffic Engineer

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

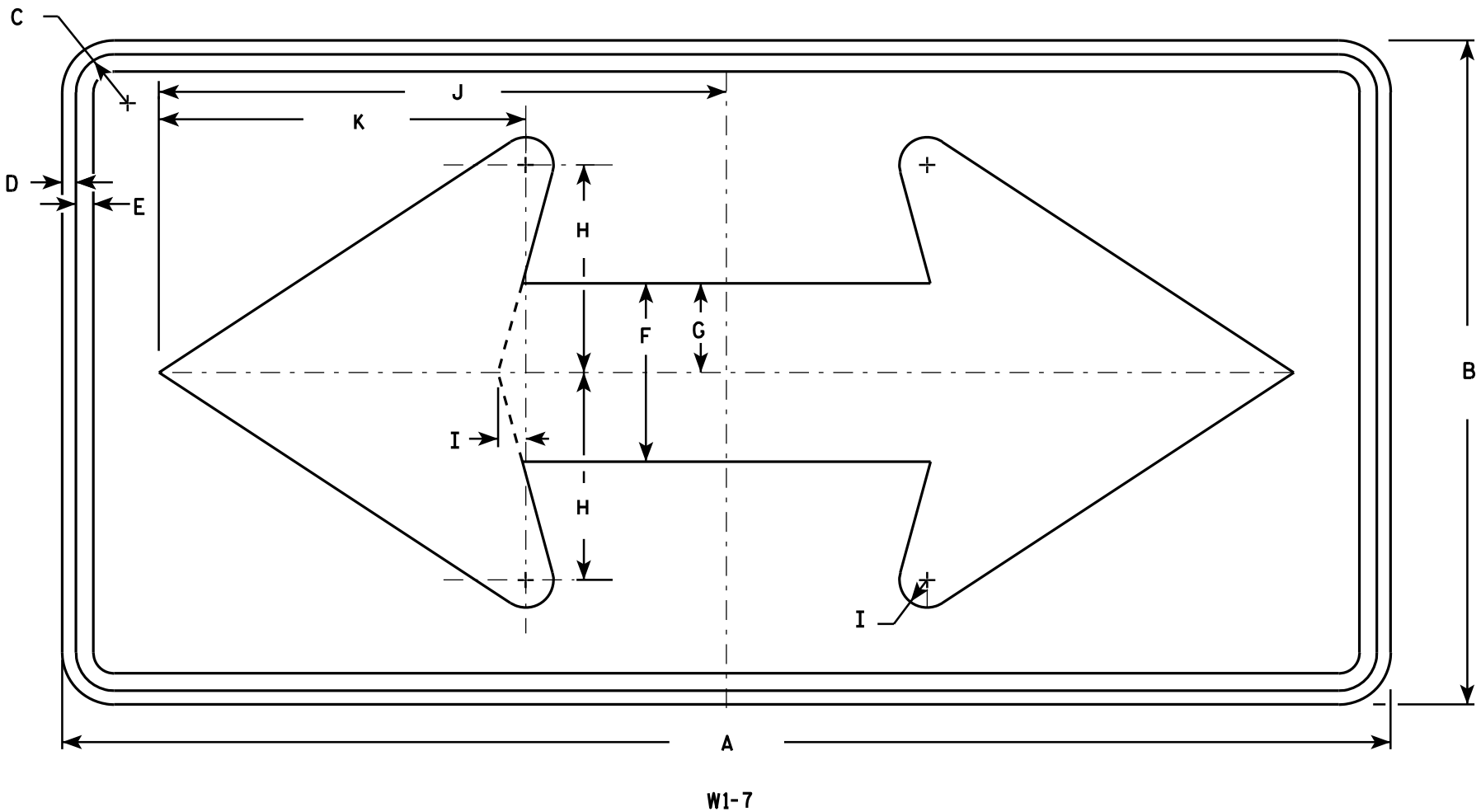
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/8	3/8	1/2	5	2 1/2	5 3/4	3/4	15 5/8	10 1/8																4.5
2S	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
2M	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
3	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
4	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
5	96	48	2 1/4	3/4	1	13	6 1/2	15	2	41	26 1/2																32.0

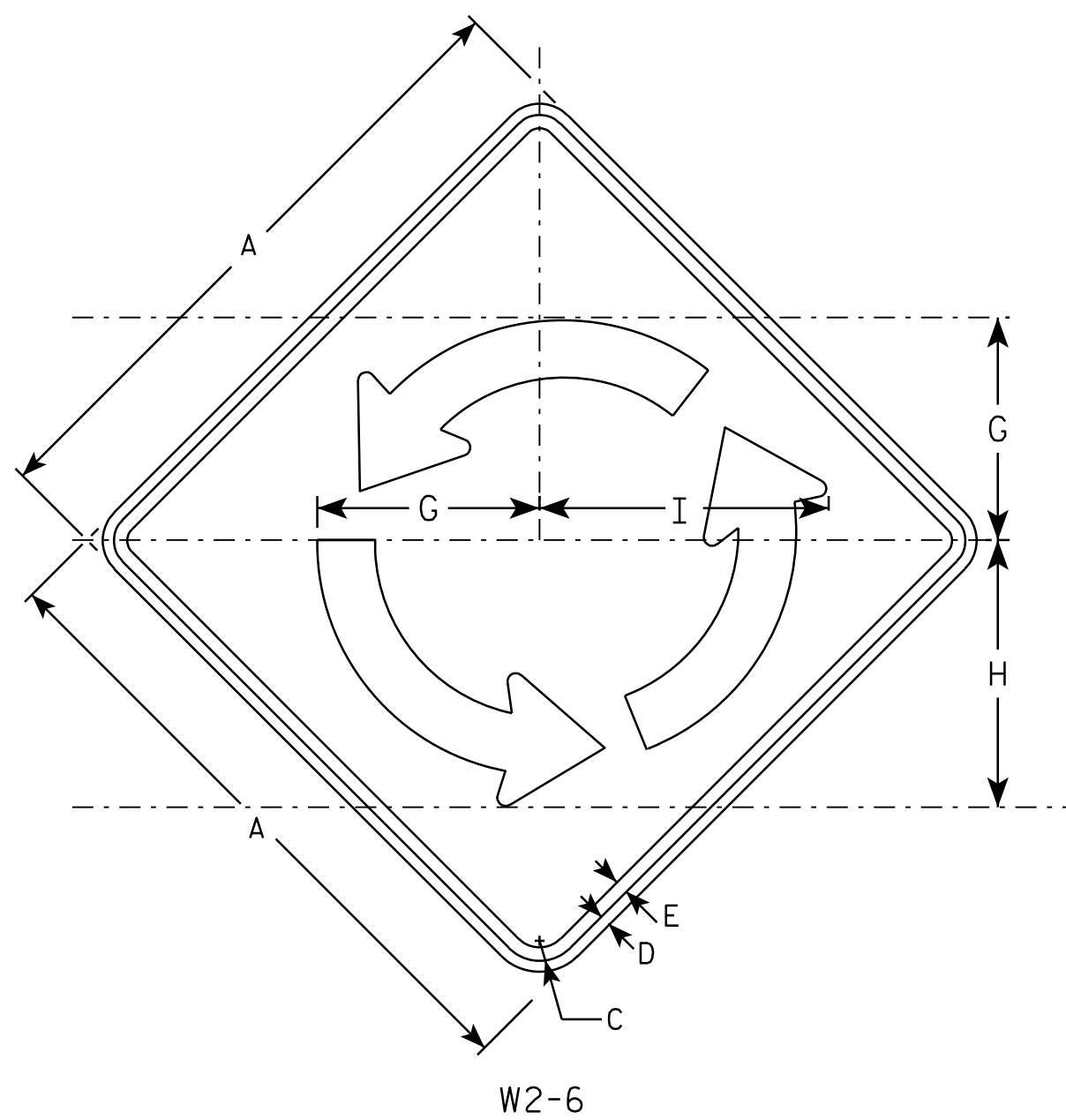
STANDARD SIGN

W1 - 7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

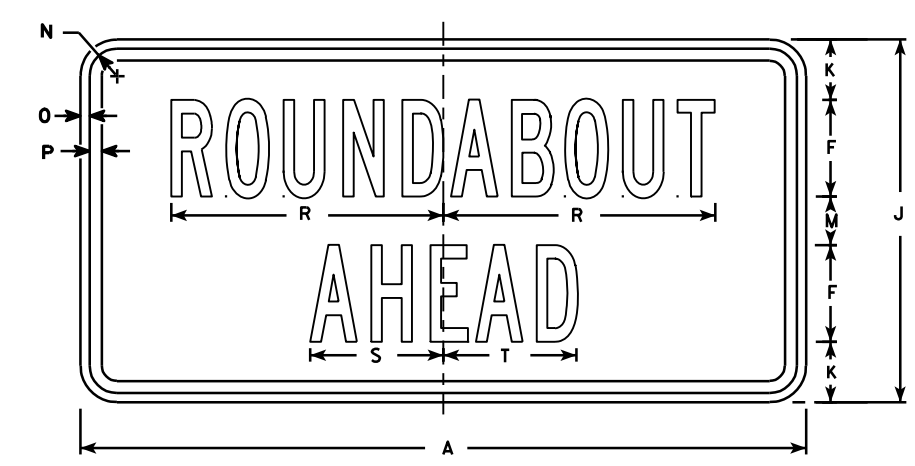
DATE 6/7/10 PLATE NO. W1-7.7



W2-6

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



W2-6P

																								W2-6	W2-6P	
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	Area sq. ft.	Area sq. ft.
1																										
2S	30		1 3⁄8	1⁄2	5⁄8	4	10 3⁄8	12 1⁄2	13 1⁄2	15	2 1⁄2		2	1 1⁄8	3⁄8	1⁄2		11 1⁄4	5 1⁄2	5 1⁄2					6.25	3.12
2M	30		1 3⁄8	1⁄2	5⁄8	4	10 3⁄8	12 1⁄2	13 1⁄2	15	2 1⁄2		2	1 1⁄8	3⁄8	1⁄2		11 1⁄4	5 1⁄2	5 1⁄2					6.25	3.12
3	36		1 5⁄8	5⁄8	3⁄4	5	12 1⁄2	15	16 1⁄4	18	2 5⁄8		2 3⁄4	1 1⁄8	3⁄8	1⁄2		14	7	6 3⁄4					9.00	4.50
4	48		2 1⁄4	3⁄4	1	6	16 5⁄8	20	16 1⁄4	24	4 3⁄8		3 5⁄8	1 3⁄8	1⁄2	5⁄8		17	8 1⁄4	8 1⁄4					16.0	8.0
5																										

STANDARD SIGN

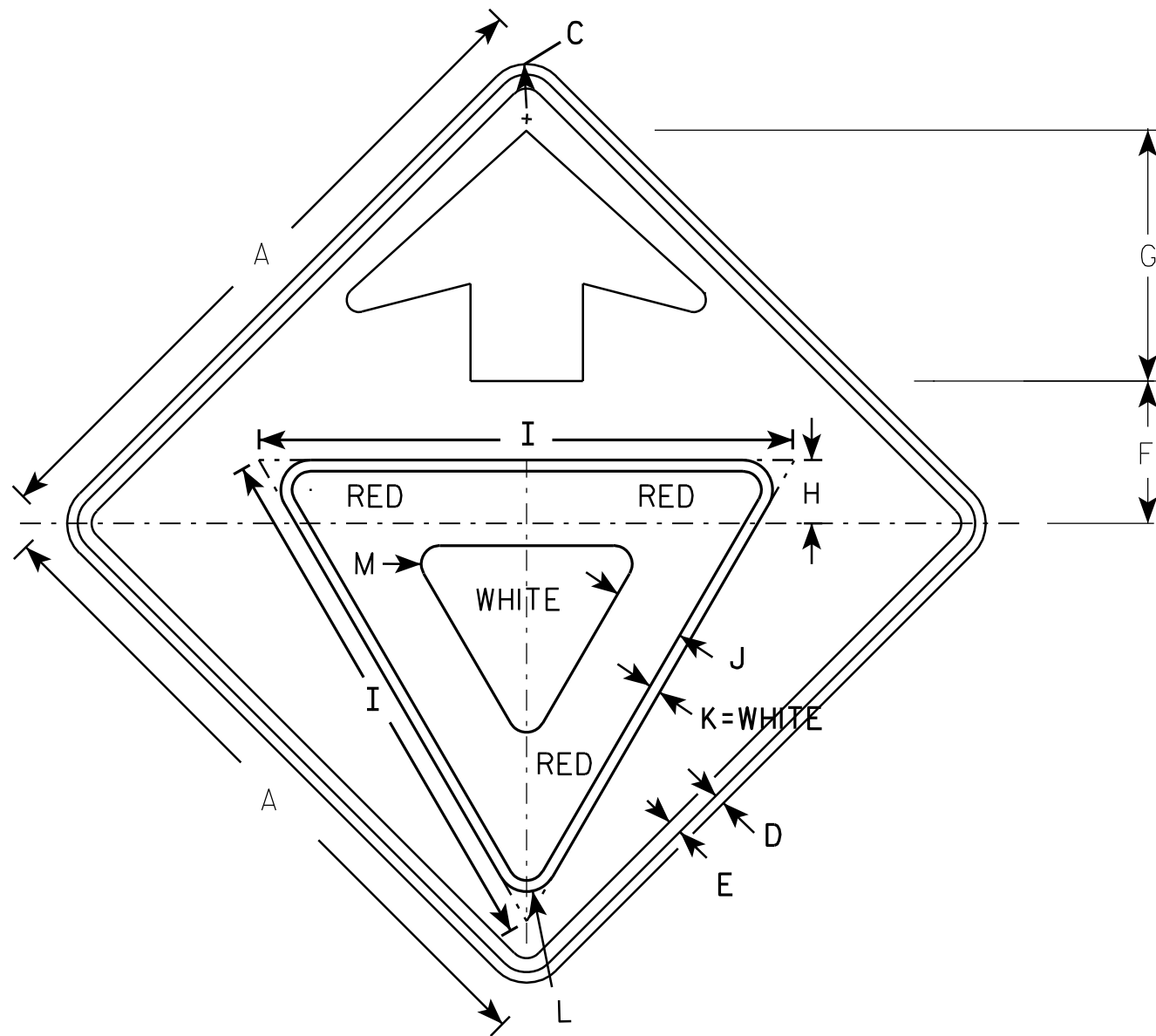
W2-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*

for State Traffic Engineer

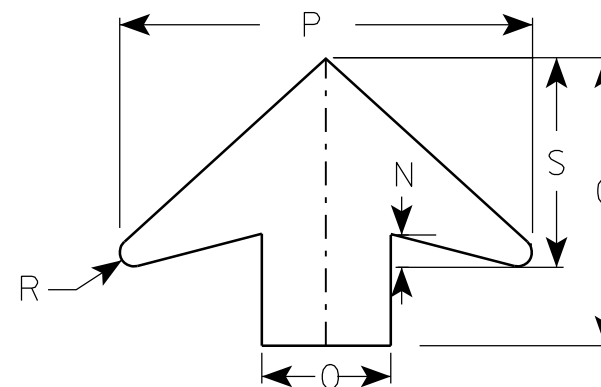
DATE 6/29/12 PLATE NO. W2-6.5



W3-2

### NOTES

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



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	6 1/4	11 1/4	3	25	3 3/8	1/2	1 3/8	7/8	1 1/4	5	16		1/2	8								6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0

PROJECT NO:			SHEET NO:	E
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**STANDARD SIGN**

**W3-2**

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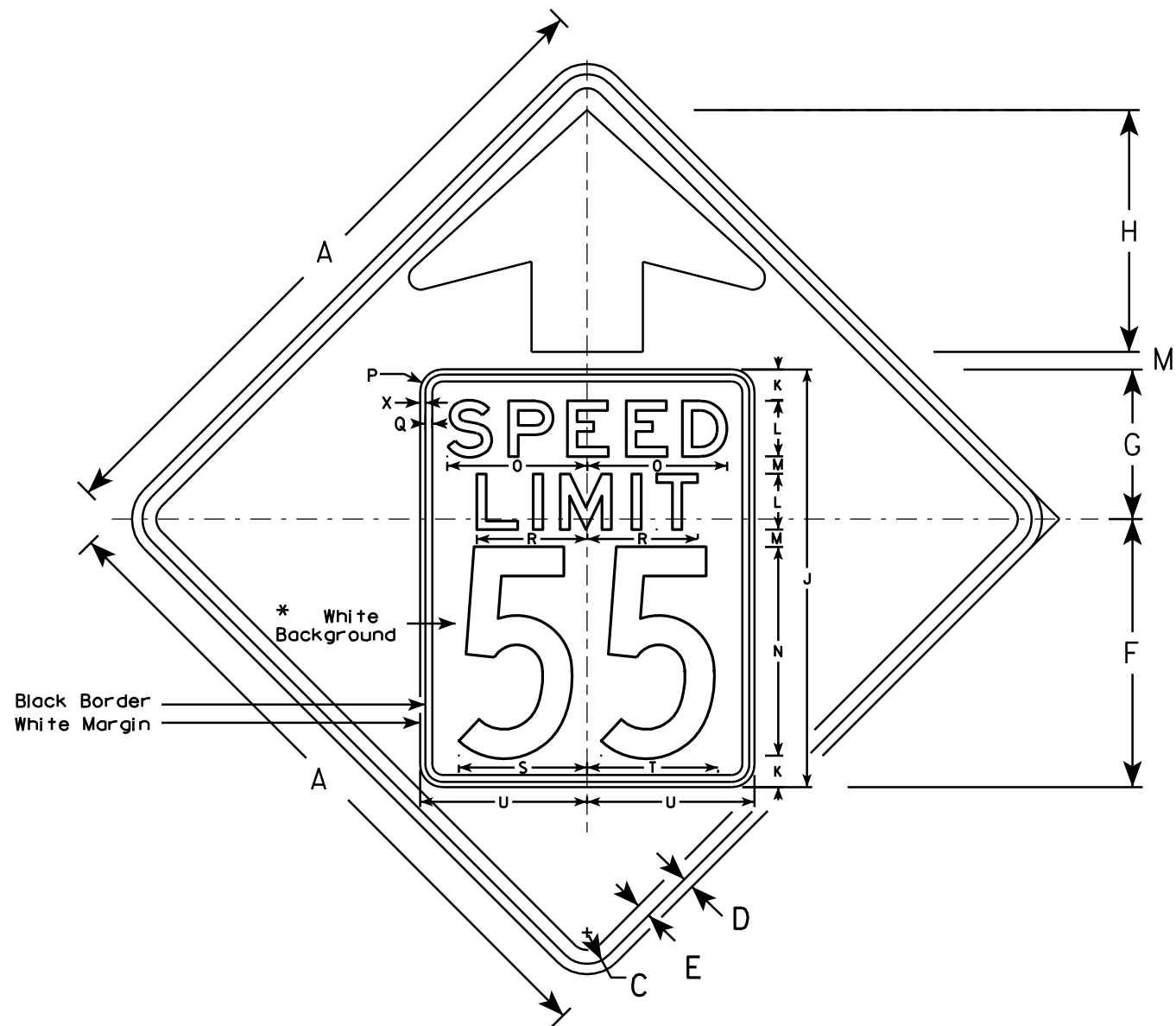
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*

for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-2..9



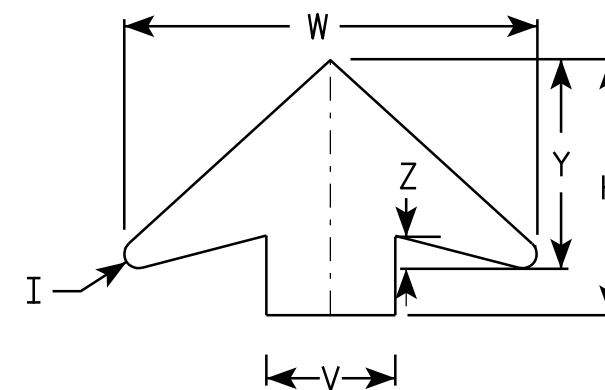


W3-5

### 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



## *Wisconsin Department of Transportation*

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