GRE MAY 2013

ORDER OF SHEETS

Section No. 1 Title Section No. 2 Typical Sections and Details Section No. 3 Estimate of Quantities Section No. 3 Miscellaneous Quantities Section No. 5 Plan and Profile Section No. 6 Standard Detail Drawings

Section No. 7 Sign Plates

9 Computer Earthwork Data Section No. 9 Cross Sections

TOTAL SHEETS = 72

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STH 172 - CITY OF GREEN BAY

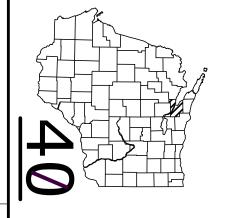
STH 172 - PLEASANT LANE **STH 54 BROWN COUNTY**

> STATE PROJECT NUMBER 9210-09-71

> > R - 20 - E

EB

R - 19 - E



DESIGN DESIGNATION

A.A.D.T. (2013) = 7.550A.A.D.T. (2033) = 10,200(2033) = 1.314D.H.V. = 58/42 = 9.3% DESIGN SPEED = 55 M.P.H. = 2,073,200

CONVENTIONAL SYMBOLS

1////// 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)

PL + 59.1

SPECIAL DITCH UTILITIES ELECTRIC FIBER OPTIC GAS STORM SEWER TELEPHONE WATER UTILITY PEDESTAL

POWER POLE

TELEPHONE POLE

PROFILE GRADE LINE ORIGINAL GROUND MARSH OR ROCK PROFILE (To be noted as such)

GRADE ELEVATION CULVERT (Profile View) SANITARY SEWER

23 _ LABEL _ _

24

Д

₫

Ø

BEGIN PROJECT

STA 955+00 X = 58142.096Y = 562961.395

> ONEIDA AAA LAYOUT TOTAL NET LENGTH OF CENTERLINE = 2.235 MI.

END PROJECT STA 1077+60.88

COORDINATES ON THIS PLAN ARE APPROXIMATE AND ARE FOR VISUAL PURPOSES ONLY.

FEDERAL PROJECT STATE PROJECT CONTRACT PROJECT WISC 2013283 9210-09-71 1

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

REPARED BY NE REGION Surveyor Q. D. CREAPEAU Designer A. FULCER Project Manager District Examiner

District Supervisor D. J. SEGERSTROM C.O. Examiner

APPROVED FOR DISTRICT ATE: 01/30/13

WOODED OR SHRUB AREA

COMBUSTIBLE FLUIDS

MARSH AREA

2

2

UTILITIES

ROBERT MICHAELSON CENTRAL BROWN COUNTY WATER AUTHORITY 1303 S 8TH ST P.O. BOX 1090 MANITOWOC, WI 54221-1090 (920) 686-4354 rmichaelson@mpu.org

DENNIS BAER NORTHEAST TELEPHONE COMPANY LLC 122 S ST AUGUSTINE ST PULASKI, W154162-0860 (920) 822-8895 dennis.baer@nsight.com

LORIBUTRY
WISCONSIN PUBLIC SERVICE CORPORATION - ELECTRICITY
700 N ADAMS ST
P.O. BOX 19001
GREEN BAY, W154307-9001
(920) 433-1703
LAButry@integrysgroup.com

LORIBUTRY
WISCONSIN PUBLIC SERVICE CORPORATION - GAS/PETROLEUM
700 N ADAMS ST
P.O. BOX 19001
GREEN BAY, WI54307-9001
(920) 433-1703
LAButry@integrysgroup.com

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



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

GENERAL NOTES

THE LOCATIONS OF EXISTING UTILITY FACILITIES AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE EXACT CONSTRUCTION LIMITS AND LOCATIONS OF ALL ENTRANCES, SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

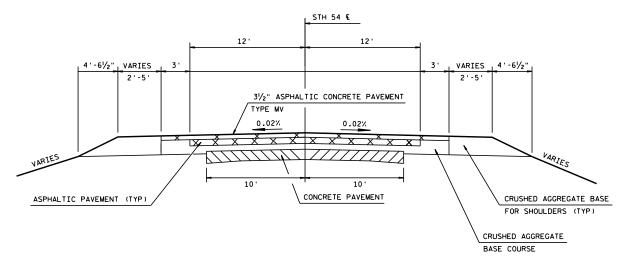
COORDINATES ON THIS PLAN ARE FOR VISUAL PURPOSES ONLY AND DO NOT REFLECT THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS).

DNR AREA LIAISON

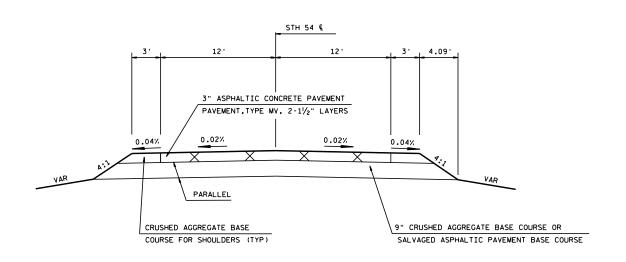
JAMES DOPERALSKI JR
DEPARTMENT OF NATURAL RESOURCES
NORTHEAST REGION
2984 SHAWANO AVE
GREEN BAY, WI 54313
920-662-5119
JAMES.DOPERALSKI@WISCONSIN.GOV

PROJECT NO:9210-09-71 HWY:STH 54 COUNTY:BROWN GENERAL NOTES SHEET

FILE NAME: F:\D3_921009\020101_gn.dgn PLOT DATE: 21-MAR-2013 10:40 PLOT BY: dotmzc PLOT NAME: 020101 gn PLOT SCALE: 10:1 WISDOT/CADDS SHEET 42

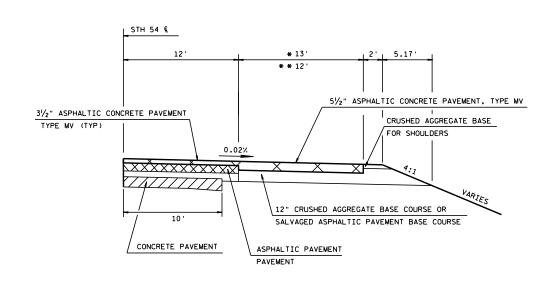


TYPICAL EXISTING CROSS SECTION FOR STH 54 947+60 - 1077+60.88



TYPICAL EXISTING CROSS SECTION FOR SIDE ROADS

OVERLAND RD BAY RIDGE CT CTH GE HAVEN PL



TYPICAL $\frac{1}{2}$ EXISTING CROSS SECTION FOR STH 54 BYPASS , RIGHT TURN LANES

- * 975+70 983+47 STH 54,RT (BYPASS LANE)
- * 1027+00 1034+22 STH 54.LT (BYPASS LANE)
- ** 979+37 984+17 STH 54,LT (RIGHT TURN LANE)
- ** 1027+11 1030+00 STH 54,RT (RIGHT TURN LANE)

 ** 1031+22 1039+69 STH 54,RT (RIGHT TURN LANE)

PROJECT NO:9210-09-71 HWY:STH 54 COUNTY:BROWN EXISTING TYPICAL CROSS SECTION SHEET **E**

FILE NAME: F:\D3_921009\020301_+s.dgn

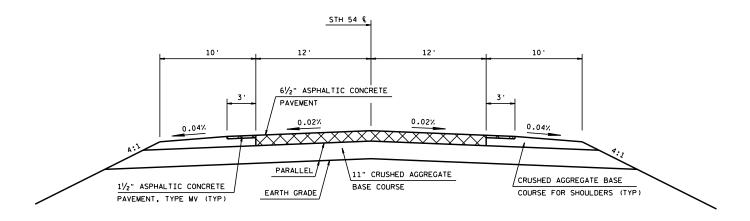
PLOT DATE: 28-JAN-2013 16:28

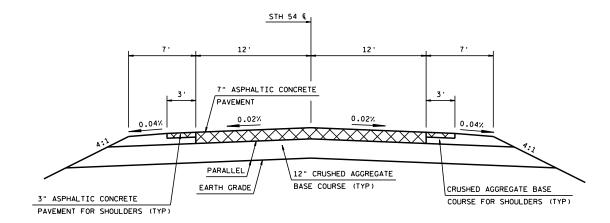
PLOT BY: di+jbs

PLOT NAME: 020301+s2

PLOT SCALE: 10:1

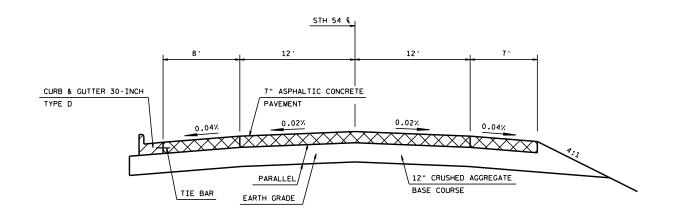
WISDOT/CADDS SHEET 42

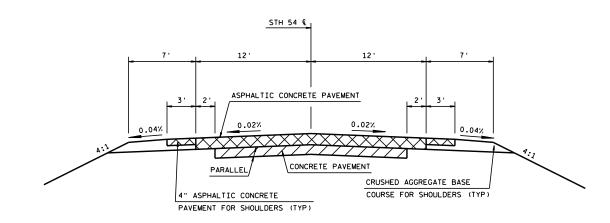




TYPICAL EXISTING CROSS SECTION FOR STH 54 STA 313+50 - STA 349+00

TYPICAL EXISTING CROSS SECTION FOR STH 54 STA 349+00 - STA 63+70 STA 76+90 - STA 79+00





TYPICAL EXISTING CROSS SECTION FOR STH 54

STA 63+70 - STA 76+90 (CURB & GUTTER LT)

TYPICAL EXISTING CROSS SECTION FOR STH 54

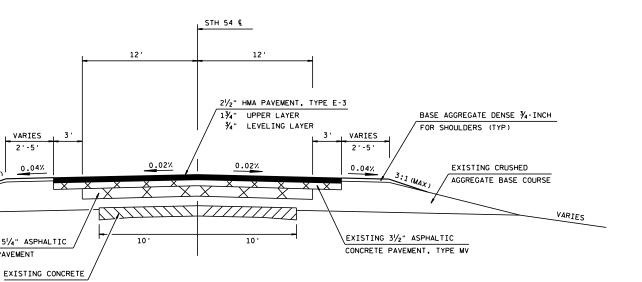
STA 79+00 - STA 98+15 STA 100+13 - STA 104+77 STA 142+42 - STA 165+00

PROJECT NO:9210-09-71 HWY:STH 54 COUNTY:BROWN EXISTING TYPICAL CROSS SECTION SHEET **E**

FILE NAME: F:\D3_921009\020301_+s.dgn

PLOT DATE: 28-JAN-2013 16:28 PLOT BY: di+jbs PLOT NAME: 020301+s3 PLOT SCALE: 10:1 WISDOT/CADDS SHEET 42

2



NOTE: MILL EXISTING PAVEMENT 1/2" (MIN) AT CENTERLINE IF 0.02% CANNOT BE MAINTAINED A CROSS SLOPE OF 0.015% (MIN) TO 0.03% (MAX) WITH APPROVAL OF THE ENGINEER MAY BE AN OPTION.

VARIES _L

2'-5'

EXISTING 51/4" ASPHALTIC

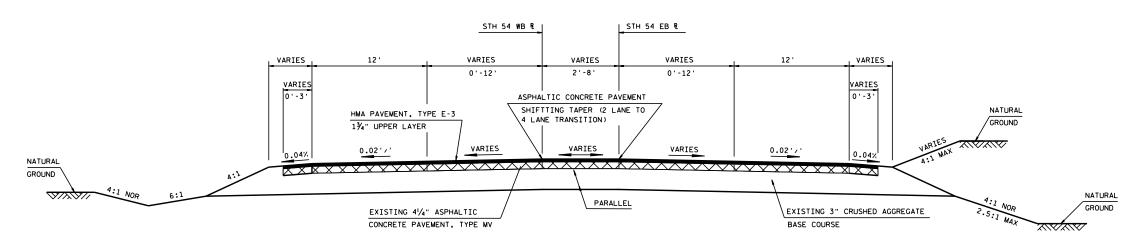
PAVEMENT

CONCRETE PAVEMENT

VARIES

FINISHED TYPICAL CROSS SECTION FOR STH 54

955+00 - 1077+60.88



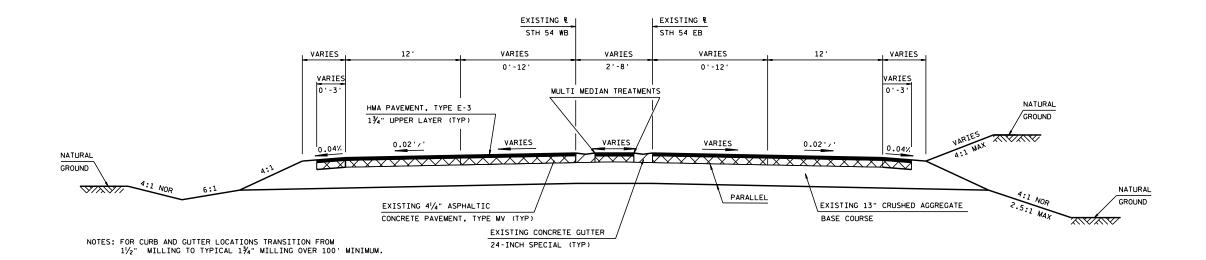
NOTE: MILL EXISTING PAVEMENT 1½" (MIN) AT CENTERLINE IF 0.02% CANNOT BE MAINTAINED A CROSS SLOPE OF 0.015% (MIN) TO 0.03% (MAX) WITH APPROVAL OF THE ENCINEER MAY BE AN OPTION.

AT CURB AND GUTTER LOCATIONS TRANSITION FROM $1^1\!\!/_2^+$ MILLING TO TYPICAL $1^3\!\!/_4^+$ MILLING OVER 100 $^+$ (MIN).

FINISHED TYPICAL CROSS SECTION FOR STH 54

1068+50 - 1073+06

PROJECT NO: 9210-09-71 HWY:STH 54 COUNTY: BROWN FINISHED TYPICAL CROSS SECTION SHEET



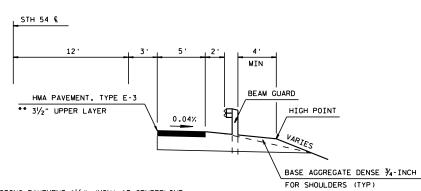
FINISHED TYPICAL CROSS SECTION FOR STH 54 1073+19 - 1077+60.88

STH 54 € 12' ***** 13 ' *** *** 12 $2\frac{1}{2}$ " HMA PAVEMENT, TYPE E-3 1¾" UPPER LAYER 34" LEVELING LAYER BASE AGGREGATE DENSE 3/4-INCH EXISTING 31/2" ASPHALTIC FOR SHOULDERS (TYP) CONCRETE PAVEMENT, TYPE MV 0.02% 0.04% VARIES EXISTING 51/2" ASPHALTIC CONCRETE PAVEMENT, TYPE MV 10' EXISTING CRUSHED AGGREGATE BASE COURSE OR EXISTING ASPHALTIC SALVAGED ASPHALTIC PAVEMENT, BASE COURSE CONCRETE PAVEMENT NOTE: MILL EXISTING PAVEMENT 11/2" (MIN) AT CENTERLINE IF 0.02% CANNOT BE MAINTAINED A CROSS SLOPE OF 0.015% (MIN) TO 0.03% (MAX) WITH APPROVAL OF THE ENGINEER MAY BE AN OPTION. EXISTING CONCRETE

MILL EXISTING PAVEMENT $1\frac{1}{4}$ " (MIN) MAINTAINING EXISTING SLOPE TO MATCH EXISTING GUTTER FLANGE LINE.

1/2 FINISHED TYPICAL CROSS SECTION FOR STH 54 BYPASS / TURN LANES

- 975+70 983+47 STH 54,RT (BYPASS LANE)
- * 1027+00 1034+22 STH 54,LT (BYPASS LANE)
- ** 979+37 984+17 STH 54,LT (RIGHT TURN LANE)
- * * 1027+11 1030+00 STH 54,RT (RIGHT TURN LANE)
- * * 1031+22 1039+69 STH 54,RT (RIGHT TURN LANE)



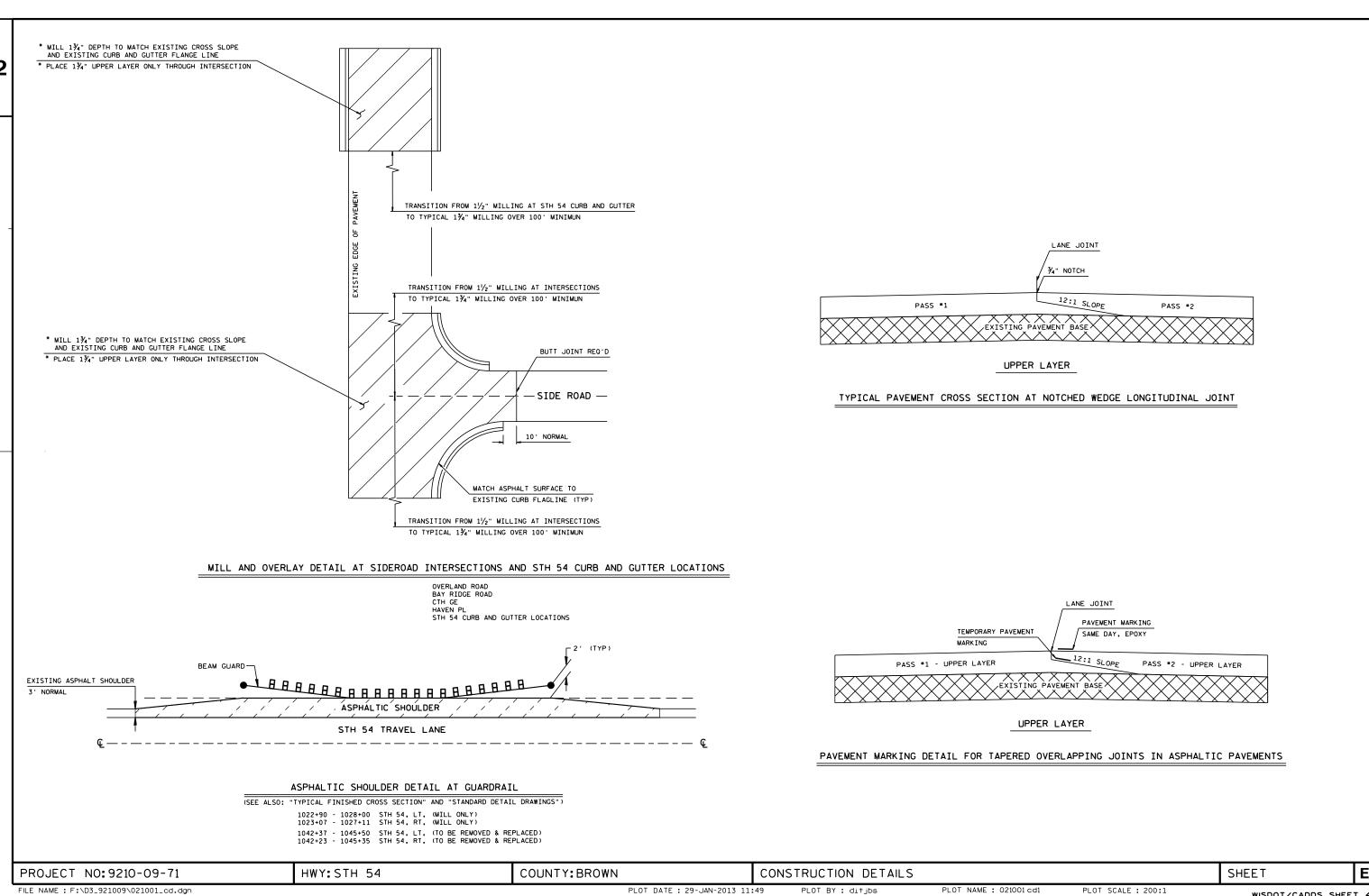
MILL EXISTING PAVEMENT 1½" (MIN) AT CENTERLINE IF 0.02% CANNOT BE MAINTAINED A CROSS SLOPE OF 0.015% (MIN) TO 0.03% (MAX) WITH APPROVAL OF THE ENGINEER MAY BE AN OPTION.

FINISHED TYPICAL CROSS SECTION FOR STH 54 AT BEAM GUARD

- * 1022+90 1028+00 STH 54, LT. EXISTING ASPHALT SHOULDER TO BE MILLED * 1023+07 1027+11 STH 54, RT. EXISTING ASPHALT SHOULDER TO BE MILLED
- ** 1042+37 1045+50 STH 54, LT, EXISTING ASPHALT SHOULDER, REMOVE FULL DEPTH, REPLACE
- ** 1042+23 1045+35 STH 54, RT, EXISTING ASPHALT SHOULDER, REMOVE FULL DEPTH, REPLACE

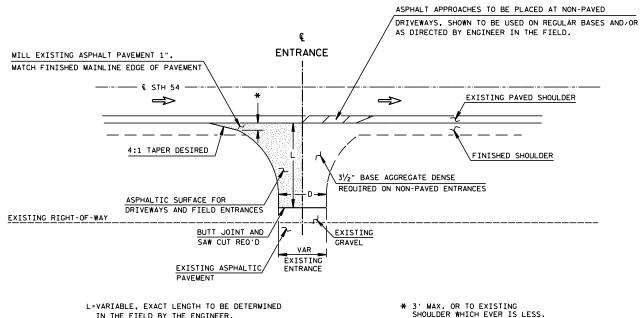
(ALSO SEE "CONSTRUCTION DETAILS AND MISCELLANEOUS QUANTITIES")

HWY:STH 54 COUNTY: BROWN FINISHED TYPICAL CROSS SECTION PROJECT NO: 9210-09-71 SHEET



WISDOT/CADDS SHEET 42





REMOVING ASPHALTIC PAVEMENT, MILLING

REMOVING ASPHALTIC SURFACE, BUTT JOINTS (FULL DEPTH REMOVAL OPTIONAL)

FEATHERED JOINT REO'D. -

50'± * 20'± * *

11/2" NORMAL

10'± ***

⊗ SEE TYPICAL CROSS SECTION FOR PAVEMENT TYPE AND THICKNESS OF INDIVIDUAL COURSES

ASPHALTIC PAVEMENT ⊗.

UPPER LAYER

EXISTING ASPHALTIC PAVEMENT

ASPHALTIC WEDGING (FULL DEPTH REMOVAL OPTION)

_2' MAX

SAW CUT

REQ'D.

— 1½" MIN

EXISTING PAVEMENT OR STRUCTURE

BUTT JOINT DETAIL FOR MILLED ASPHALTIC PAVEMENTS

* MAINLINE

** SIDEROADS

*** PRIVATE ENTRANCES

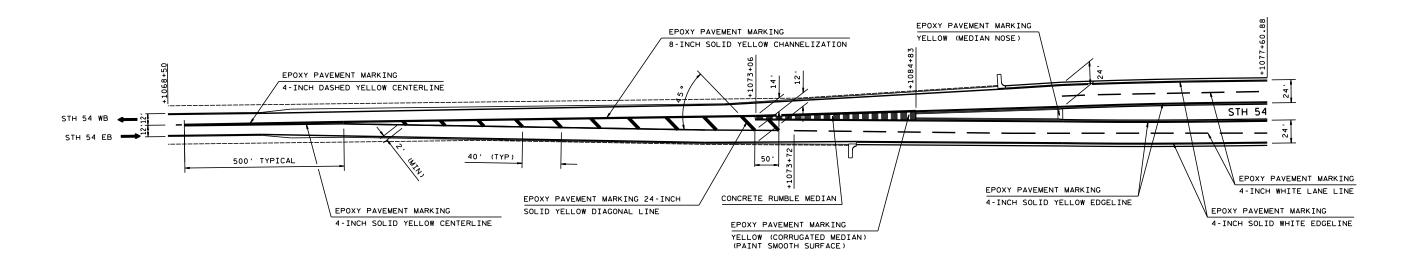
L-VARIABLE, EXACT LENGTH TO BE DETERMINED IN THE FIELD BY THE ENGINEER. BLEND BACK ON THE ENTRANCE FAR ENOUGH TO GET A SMOOTH PROFILE.

D-DRIVEWAY WIDTH

D= VARIES, 20' TYP FOR PE'S, FARM ENTRANCES (16' MIN - 24')MAX)
D= VARIES, 28' TYP COMMERCIAL ENTRANCES

PLAN VIEW

EXISTING RURAL DRIVEWAY DETAIL



PAVEMENT MARKING DETAIL AT 2-LANE TO 4-LANE TRANSITION

(SEE STANDARD DETAIL DRAWING FOR PAVEMENT MARKING BEYOND SHIFTING TAPER)

PROJECT NO:9210-09-71 HWY:STH 54 COUNTY:BROWN CONSTRUCTION DETAILS SHEET **E**

FILE NAME: F:\D3_921009\021001_cd.dgn

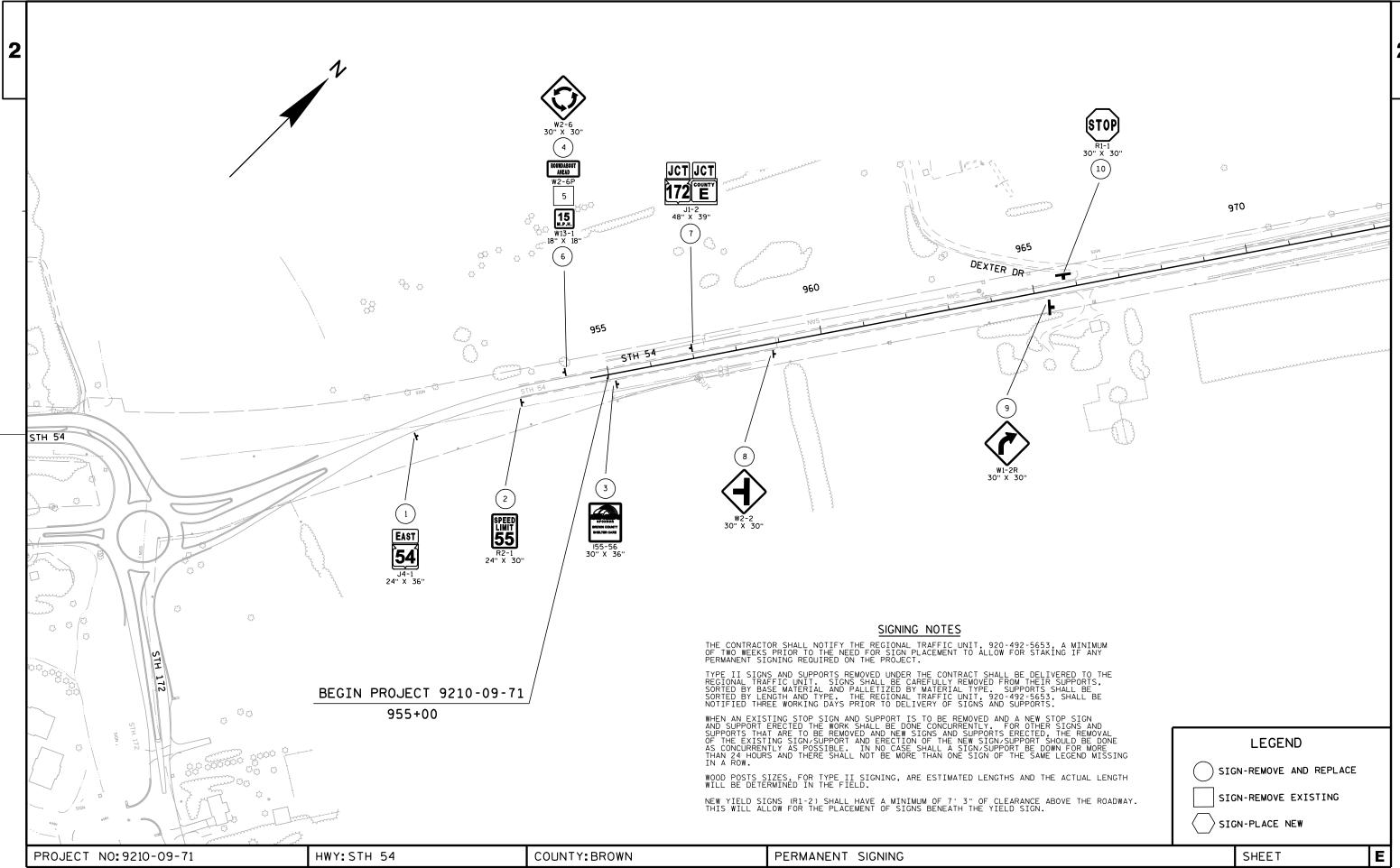
PLOT DATE: 29-JAN-2013 11:49

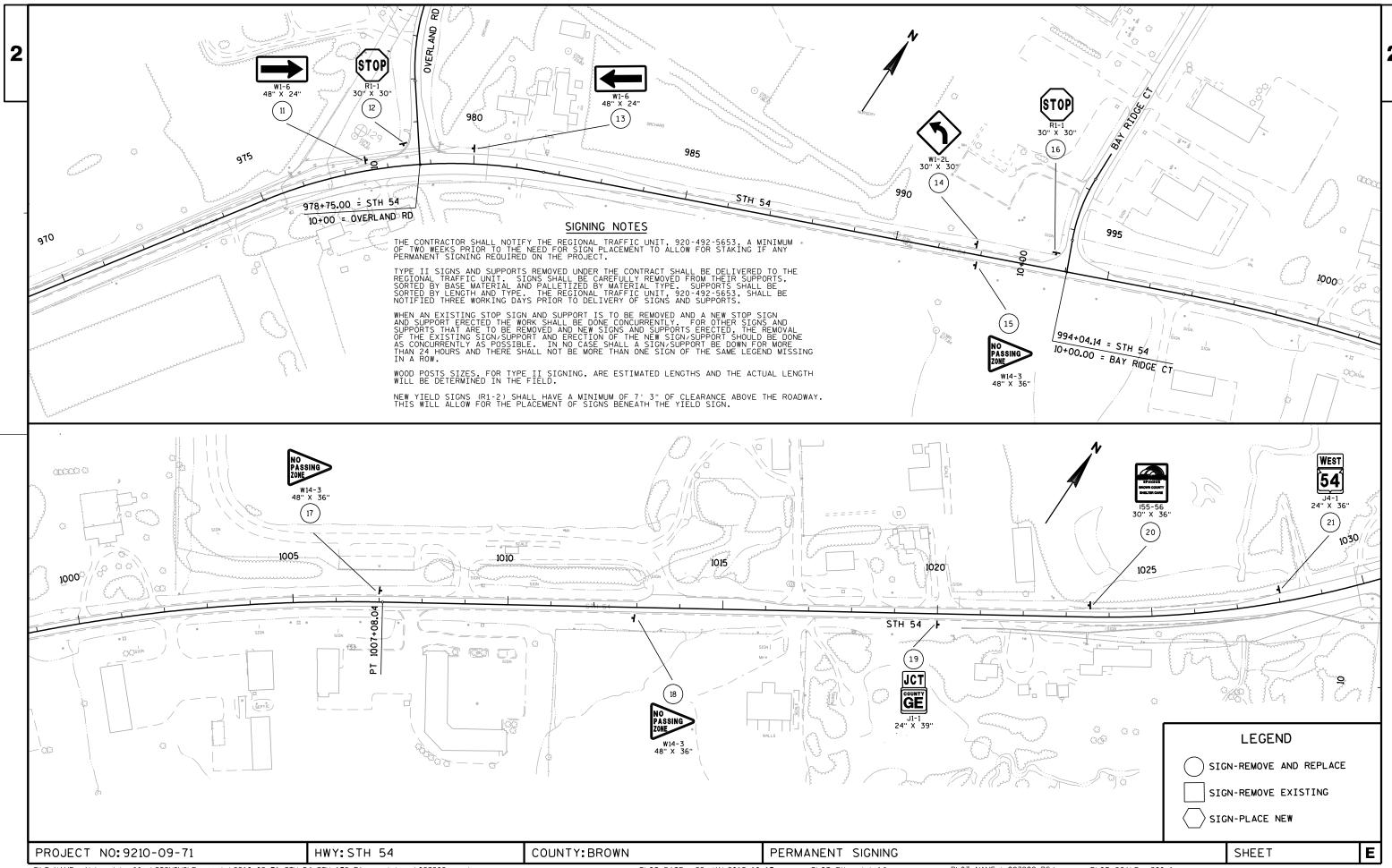
PLOT BY: di+jbs

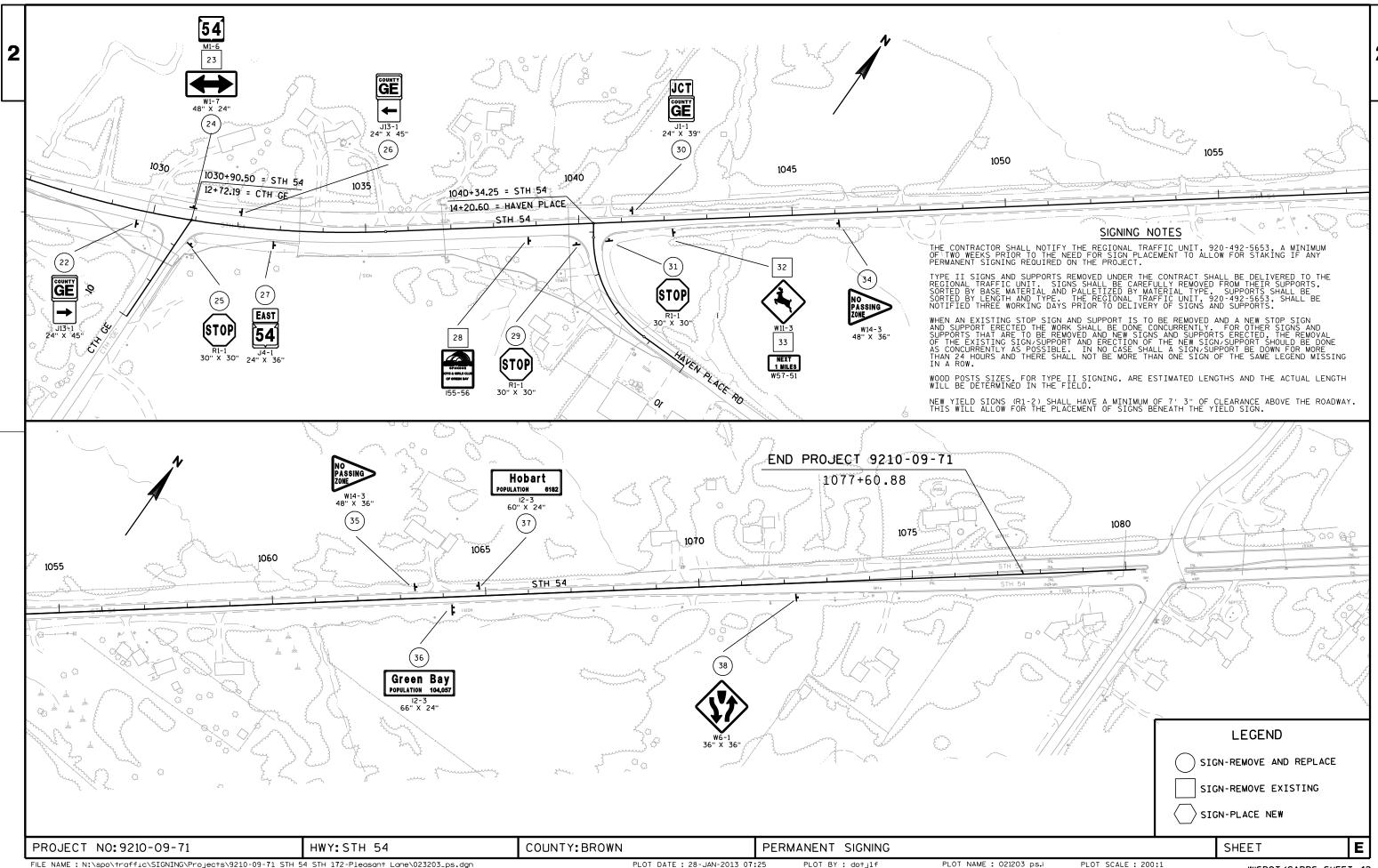
PLOT NAME: 021001 cd2

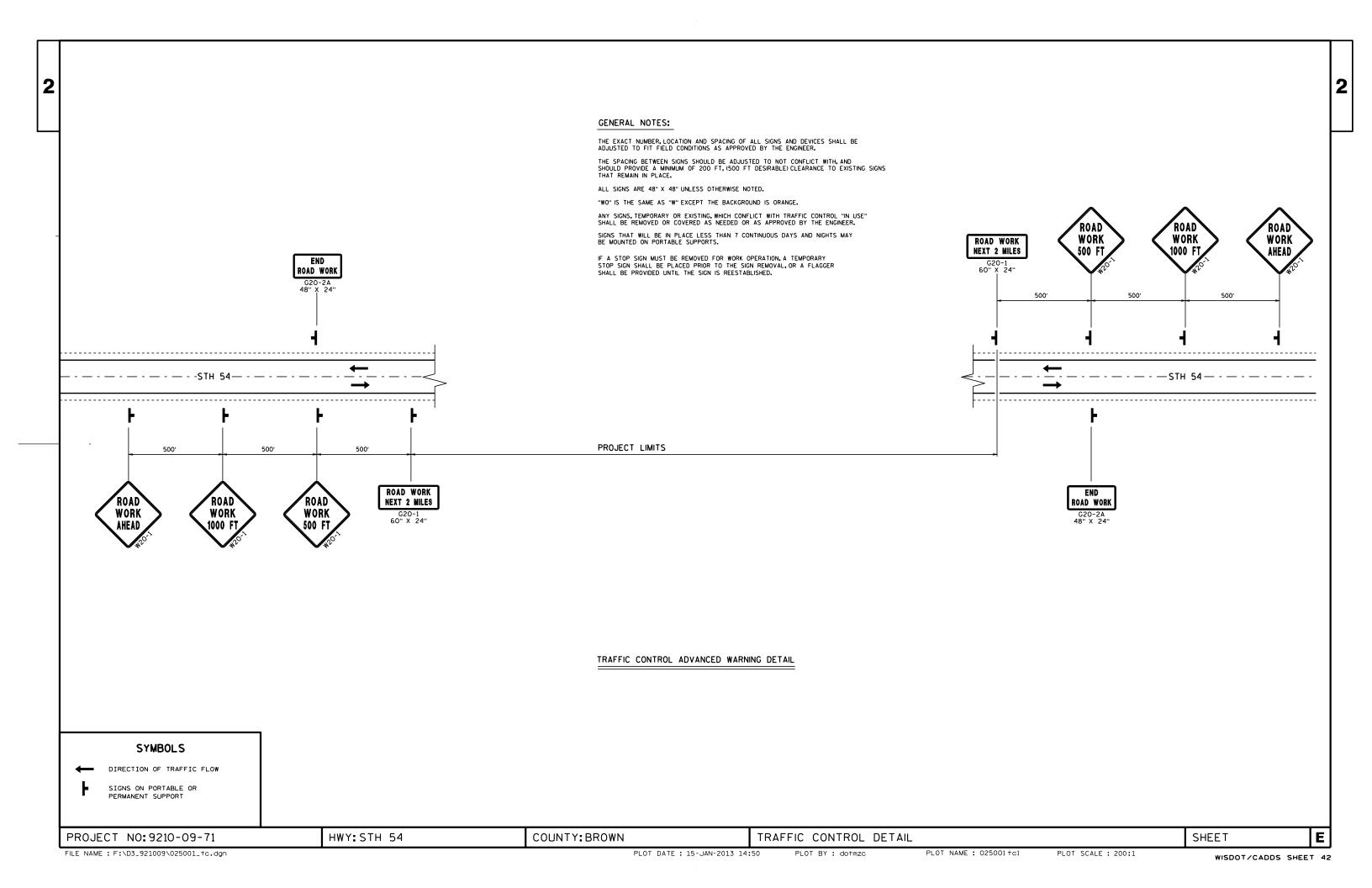
PLOT SCALE: 200:1

WISDOT/CADDS SHEET 42





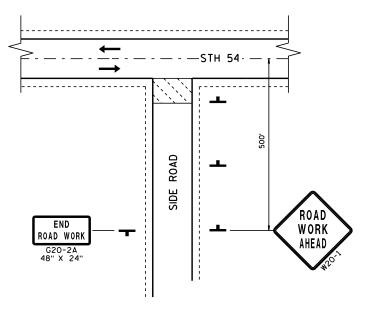




GENERAL NOTES:

WHEN MAINLINE FLAGGERS CANNOT CONTROL SIDEROAD TRAFFIC, APPROPRIATE SIGNING AND ADDITIONAL FLAGGERS SHALL BE PROVIDED. THE COST SHALL BE INCIDENTAL TO TRAFFIC CONTROL ITEM.

"ROAD WORK AHEAD" (W20-1) SIGNS SHALL BE PLACE 500 FT (MAX.) OR AT THE LAST INTERSECTION, WHICHEVER IS CLOSER.





"FLAGGER" (W2O-7A) SIGNS SHALL BE IN USE DURING MILLING AND PAVING OPERATIONS. LOCATIONS TO FIT FIELD CONDITIONS OR AS DIRECTED BY THE ENGINEER.



IF WORK OPERATIONS CREATE A BUMP TO THE TRAVEL LANE (S), "BUMP" (WOB-1) SIGNS SHALL BE IN USE FOR BOTH DIRECTIONS. LOCATION TO FIT FIELD CONDITIONS OR AS DIRECTED BY THE ENGINEER.



"GROOVED PAVEMENT" (W8-52) SIGNS SHALL BE IN USE AT THE BEGINNING OF MILLED SURFACES. LOCATIONS TO FIT FIELD CONDITIONS OR AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL ADVANCED WARNING SIGNS FOR SIDEROAD APPROACHES

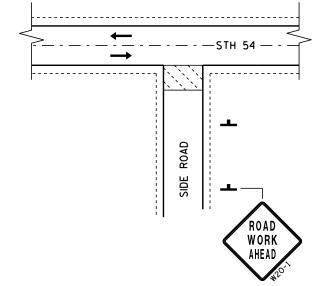
STH 172 CTH GE

SYMBOLS

WORK AREA

DIRECTION OF TRAFFIC FLOW

SIGNS ON PORTABLE OR PERMANENT SUPPORT





"GROOVED PAVEMENT" (W8-52) SIGNS SHALL BE IN USE AT THE BEGINNING OF MILLED SURFACES. LOCATIONS TO FIT FIELD CONDITIONS OR AS DIRECTED BY THE ENGINEER.



"FLAGGER" (W2O-7A) SIGNS SHALL BE IN USE DURING MILLING AND PAVING OPERATIONS. LOCATIONS TO FIT FIELD CONDITIONS OR AS DIRECTED BY THE ENGINEER.

GENERAL NOTES:

WHEN MAINLINE FLAGGERS CANNOT CONTROL SIDEROAD TRAFFIC, APPROPRIATE SIGNING AND ADDITIONAL FLAGGERS SHALL BE PROVIDED. THE COST SHALL BE INCIDENTAL TO TRAFFIC CONTROL ITEM.

"ROAD WORK AHEAD" (W20-1) SIGNS SHALL BE PLACE 500 FT (MAX.) OR AT THE LAST INTERSECTION, WHICHEVER IS CLOSER.

TRAFFIC CONTROL ADVANCED WARNING SIGNS FOR SIDEROAD APPROACHES

DEXTER ROAD OVERLAND ROAD BAY RIDGE CT HAVEN PLACE ROAD

PROJECT NO: 9210-09-71

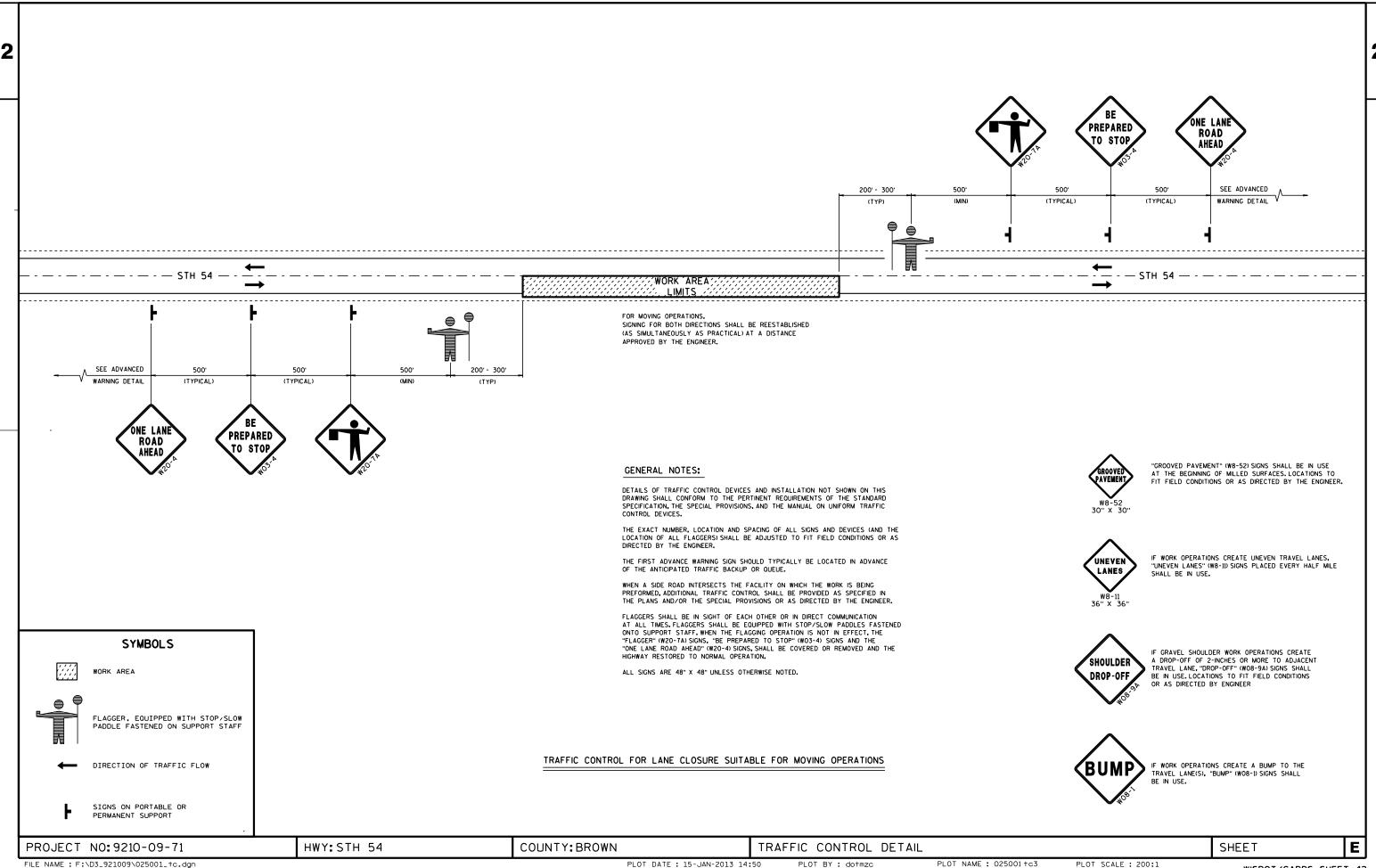
HWY:STH 54

COUNTY: BROWN

TRAFFIC CONTROL DETAIL

SHEET

FILE NAME : F:\D3_921009\025001_tc.dgn PLOT DATE: 28-JAN-2013 16:57 PLOT BY : ditjbs PLOT NAME : 025001 tc2 PLOT SCALE : 200:1 WISDOT/CADDS SHEET 42



PLOT DATE: 15-JAN-2013 14:50 PLOT SKALE: 200:1 WISDOT/CADDS SHEET 42

DATE 22 LINE	MAR13	E S	STIMAT	E O F Q U A N	ITITIES 9210-09-71
	ITEM 204.0110 204.0115	I TEM DESCRIPTION REMOVING ASPHALTIC SURFACE **P** REMOVING ASPHALTIC SURFACE BUTT JOINTS **P**	UNI T SY SY	TOTAL 298. 000 118. 000	QUANTI TY 298. 000 118. 000
0030	204. 0120	REMOVING ASPHALTIC SURFACE MILLING **P* REMOVING GUARDRAIL FINISHING ROADWAY (PROJECT) 01. 9210-09-71	* SY	48, 785. 000	48, 785. 000
0040	204. 0165		LF	1, 298. 000	1, 298. 000
0050	213. 0100		EACH	1. 000	1. 000
0060	305. 0110	BASE AGGREGATE DENSE 3/4-INCH	TON	2, 560. 000	2, 560. 000
0070	305. 0500	SHAPING SHOULDERS **P**	STA	240. 000	240. 000
0080	440. 4410. \$	SINCENTIVE IRI RIDE	DOL	9, 300. 000	9, 300. 000
0090	455. 0105	ASPHALTIC MATERIAL PG58-28	TON	385. 000	385. 000
0100	455. 0605	TACK COAT	GAL	2, 370. 000	2, 370. 000
0110	460. 1103	HMA PAVEMENT TYPE E-3 INCENTIVE DENSITY HMA PAVEMENT S REHEATING HMA LONGITUDINAL JOINTS ASPHALTIC SURFACE PATCHING ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	TON	6, 968. 000	6, 968. 000
0120	460. 2000		DOL	3, 207. 000	3, 207. 000
0130	460. 4110. 5		LF	12, 261. 000	12, 261. 000
0140	465. 0110		TON	5. 000	5. 000
0150	465. 0120		TON	212. 000	212. 000
0160	611. 8110	ADJUSTING MANHOLE COVERS BARRIER SYSTEM GRADING SHAPING FINISHIN MGS GUARDRAIL 3 MGS GUARDRAIL TERMINAL EAT MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) 01.9210-09-71	EACH	1. 000	1.000
0170	614. 0010		IG EACH	8. 000	8.000
0180	614. 2300		LF	900. 000	900.000
0190	614. 2610		EACH	8. 000	8.000
0200	618. 0100		EACH	1. 000	1.000
0210	619. 1000	MOBILIZATION WATER TOPSOIL SILT FENCE SILT FENCE MAINTENANCE	EACH	1. 000	1. 000
0220	624. 0100		MGAL	10. 000	10. 000
0230	625. 0100		SY	500. 000	500. 000
0240	628. 1504		LF	1, 574. 000	1, 574. 000
0250	628. 1520		LF	1, 574. 000	1, 574. 000
0260	628. 1905	MOBILIZATIONS EROSION CONTROL MOBILIZATIONS EMERGENCY EROSION CONTROL EROSION MAT CLASS I TYPE B INLET PROTECTION TYPE B FERTILIZER TYPE B	EACH	2. 000	2. 000
0270	628. 1910		EACH	1. 000	1. 000
0280	628. 2004		SY	500. 000	500. 000
0290	628. 7010		EACH	2. 000	2. 000
0300	629. 0210		CWT	0. 320	0. 320
0310	630. 0110	SEEDING MIXTURE NO. 10 SEEDING TEMPORARY POSTS WOOD 4X6-INCH X 14-FT POSTS WOOD 4X6-INCH X 16-FT SIGNS REFLECTIVE TYPE II **P**	LB	7. 000	7. 000
0320	630. 0200		LB	5. 000	5. 000
0330	634. 0614		EACH	27. 000	27. 000
0340	634. 0616		EACH	6. 000	6. 000
0350	637. 0202		SF	221. 330	221. 330
0360	638. 2602	REMOVING SIGNS TYPE II **P** REMOVING SMALL SIGN SUPPORTS **P** FIELD OFFICE TYPE C TRAFFIC CONTROL (PROJECT) 01. 9210-09-7 TRAFFIC CONTROL SIGNS	EACH	44. 000	44. 000
0370	638. 3000		EACH	35. 000	35. 000
0380	642. 5201		EACH	1. 000	1. 000
0390	643. 0100		'1 EACH	1. 000	1. 000
0400	643. 0900		DAY	720. 000	720. 000
0410	646. 0106	PAVEMENT MARKING EPOXY 4-INCH PAVEMENT MARKING EPOXY 8-INCH PAVEMENT MARKING SAME DAY EPOXY 4-INCH PAVEMENT MARKING ARROWS EPOXY TYPE 2 PAVEMENT MARKING ARROWS EPOXY TYPE 5	LF	25, 133. 000	25, 133. 000
0420	646. 0126		LF	1, 003. 000	1, 003. 000
0430	646. 0406		LF	18, 793. 000	18, 793. 000
0440	647. 0166		EACH	2. 000	2. 000
0450	647. 0196		EACH	2. 000	2. 000
0460	647. 0356	PAVEMENT MARKING WORDS EPOXY PAVEMENT MARKING CURB EPOXY PAVEMENT MARKING ISLAND NOSE EPOXY PAVEMENT MARKING DIAGONAL EPOXY 24-INCH PAVEMENT MARKING CONCRETE CORRUGATED MEDIAN EPOXY	EACH	1. 000	1. 000
0470	647. 0456		LF	20. 000	20. 000
0480	647. 0606		EACH	2. 000	2. 000
0490	647. 0746		I LF	149. 000	149. 000
0500	647. 0856		SF	332. 000	332. 000

3
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DATE 22	MAR13	E S T	IMAT	E O F Q U A N		
LI NE NUMBER	ITEM	I TEM DESCRIPTION	UNI T	TOTAL	9210-09-71 QUANTI TY	
0510	648. 0100	LOCATING NO-PASSING ZONES	MI	2. 330	2. 330	
0520	649. 0200	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH	LF	57, 084. 000	57, 084. 000	
0530	650. 8000	CONSTRUCTION STAKING RESURFACING REFERENCE	LF	12, 261. 000	12, 261. 000	
0540	690. 0150	SAWING ASPHALT	LF	525.000	525.000	
0550	ASP. 1TOA	ON-THE-JOB TRAINING APPRENTICE AT \$5. OO/HR	HRS	300. 000	300. 000	
0560	ASP. 1T0G	ON-THE-JOB TRAINING GRADUATE AT \$5.00/HR	HRS	600.000	600.000	

REMOVING ASPHALTIC SURFACE

				204.0110	
STATION	TO	STATION	LOCATION	SY	REMARKS
1042+37	-	1045+50	STH 54, LT	152	AT BEAM GUARD
1042+23	-	1045+35	STH 54, LT	146	AT BEAM GUARD

TOTAL 298

REMOVING GUARDRAIL

				204.0165	
STATION	TO	STATION	LOCATION	LF	REMARKS
1023+07	-	1026+85	STH 54, LT	378	REMOVE AND REPLACE
1023+18	-	1026+88	STH 54, RT	370	REMOVE AND REPLACE
1042+41	-	1045+16	STH 54, LT	275	REMOVE AND REPLACE
1042+27	-	1045+02	STH 54, RT	275	REMOVE AND REPLACE

TOTAL 1,298

REMOVING ASPHALTIC SURFACE BUTT JOINTS

		204.0115	
STATION	LOCATION	SY	REMARKS
955+00	STH 54	7	BEGIN PROJECT
966+40	STH 54, LT	4	DEXTER DR.
978+75	STH 54, LT	10	OVERLAND RD
981+00	STH 54, LT	5	COMMERCIAL ENTRANCE
994+00	STH 54, LT	5	BAY RIDGE CT
996+80	STH 54, LT	7	COMMERCIAL ENTRANCE
1002+00	STH 54, LT	6	COMMERCIAL ENTRANCE
1007+80	STH 54, LT	7	COMMERCIAL ENTRANCE
1009+00	STH 54, LT	5	COMMERCIAL ENTRANCE
1013+65	STH 54, LT	9	COMMERCIAL ENTRANCE
1016+90	STH 54, RT	10	COMMERCIAL ENTRANCE
1030+00	STH 54, LT	3	PRIVATE ENTRANCE
1030+90	STH 54, LT	8	CTH GE
1033+90	STH 54, LT	3	PRIVATE ENTRANCE
1035+40	STH 54, LT	3	PRIVATE ENTRANCE
1040+35	STH 54, LT	7	HAVEN PL
1048+40	STH 54, LT	3	PRIVATE ENTRANCE
1056+50	STH 54, LT	3	PRIVATE ENTRANCE
1071+57	STH 54, LT	3	PRIVATE ENTRANCE
1077+61	STH 54	11	END PROJECT

TOTAL 118

REMOVING ASPHALTIC SURFACE MILLING

				204.0120
STATION	то	STATION	LOCATION	SY
955+00	-	1077+61	STH 54, LT	20,343
955+00	_	1077+61	STH 54, RT	18,636
BYPASS LANE	S			
975+70	-	983+47	STH 54, RT	911
1027+11	-	1042+77	STH 54, RT	2,088
1027+00	-	1034+22	STH 54, LT	963
RIGHT TURN	LANES			
979+37	-	984+17	STH 54, LT	576
1013+00	-	1016+49	STH 54, LT	465
1027+11	-	1030+00	STH 54, RT	326
1031+22	-	1039+69	STH 54, RT	1,126
BEAM GUARDS				-
1022+90	-	1028+00	STH 54, LT	226
1023+07	-	1027+11	STH 54, RT	172
SIDE RD'S /	DRIVE	WAYS		
DEXTER DR			SIDEROAD	178
OVERLAND I	RD		SIDEROAD	334
BAY RIDGE	СТ		SIDEROAD	358
CTH GE			SIDEROAD	350
HAVEN PL			SIDEROAD	297
DRIVEWAYS	(13)		-	1,434
				40 705

48,785 **TOTAL**

SHAPING SHOULDERS

				305.0500
STATION	TO	STATION	LOCATION	STA
955+00	_	1076+00	STH 54, LT	121
955+00	-	1074+00	STH 54, RT	119
			TOTAL	240

HWY: STH 54 SHEET: PROJECT NO: 9210-09-71 COUNTY: BROWN MISCELLANEOUS QUANTITIES

FILE NAME : Q:\Misc Quantities\4670-07-71\misc_q_border.ppt PLOT DATE : 11-12-10 PLOT BY: dott5m PLOT NAME : PLOT SCALE: 1:1

BASE AGGREGATE SUMMARY

					305.0110 BASE AGGREGATE	624.0100 WATER	
				SHOULDER	DENSE		
				WIDTH	3/4-INCH		
STATION	TO	STATION	LOCATION	FEET	TON	MGAL	REMARKS
STH	54,	WESTBOUND,	SHOULDERS				
955+00	-	966+00	STH 54, LT	5	127	0.51	BEGIN PROJECT
967+28	-	977+40	STH 54, LT	5	117	0.47	
979+36	-	984+17	STH 54, LT	2	22	0.09	
984+17	-	993+44	STH 54, LT	5	107	0.43	
994+18	-	1005+46	STH 54, LT	5	132	0.53	
1005+46	-	1008+30	STH 54, LT	2	13	0.05	
1008+30	-	1013+00	STH 54, LT	5	54	0.22	
1014+13	-	1016+49	STH 54, LT	5	27	0.11	
1016+49	-	1022+32	STH 54, LT	5	67	0.27	
1027+60	-	1029+85	STH 54, LT	2	10	0.04	
1030+23	-	1033+67	STH 54, LT	5	40	0.16	
1034+00	-	1035+25	STH 54, LT	2	6	0.02	
1035+55	-	1041+69	STH 54, LT	5	71	0.28	
1045+94	-	1056+36	STH 54, LT	5	120	0.48	
1056+65	-	1075+75	STH 54, LT	2	8	0.03	END PROJECT
STH	54,	EASTBOUND,	SHOULDERS		-	•	•
955+00	-	975+70	STH 54, RT	8	383	1.53	BEGIN PROJECT
975+70	-	983+67	STH 54, RT	2	37	0.15	
983+67	-	1001+67	STH 54, RT	5	208	0.83	
1002+67	-	1007+46	STH 54, RT	2	22	0.09	
1008+13	-	1022+43	STH 54, RT	2	66	0.26	
1027+63	-	1030+00	STH 54, RT	2	11	0.04	
1031+21	-	1039+62	STH 54, RT	2	39	0.16	
1040+86	-	1041+55	STH 54, RT	2	3	0.01	
1045+81	-	1047+53	STH 54, RT	8	32	0.13	
1047+83	-	1048+25	STH 54, RT	8	8	0.03	
1048+59	_	1056+41	STH 54, RT	8	146	0.58	
1056+71	-	1073+95	STH 54, RT	5	200	0.80	END PROJECT
GRAVEL E	NTRA	NCES (22)	STH 54, LT & RT	-	370	1.5	
UNDI	STRI	BUTED	STH 54, LT & RT	ı	114	0.5	BEAMGUARDS

TOTALS 2,560 10

ASPHALTIC SURFACE SUMMARY

		465.0120	455.0605
		DRIVEWAYS	TACK
		AND	COAT
		FIELD	
		ENTRANCES	
STATION	LOCATION	TON	GAL
981+00	STH 54, LT	13	2
996+80	STH 54, RT	24	4
1002+00	STH 54, RT	27	5
1007+40	STH 54, RT	19	3
1009+00	STH 54, LT	21	4
1013+65	STH 54, LT	21	4
1016+90	STH 54, RT	27	5
1030+00	STH 54, LT	11	2
1033+90	STH 54, LT	9	2
1035+40	STH 54, LT	12	2
1048+40	STH 54, RT	9	2
1056+50	STH 54, RT	9	1
1071+57	STH 54, LT	10	2
	TOTALS	212	36 *

* ADDITIONAL QUANTITY SHOWN UNDER HMA SUMMARY

ASPHALTIC SURFACE PATCHING

		465.0110	
STATION TO STATION	LOCATION	TON	REMARKS
UNDISTRIBUTED	STH 54	5	PROJECT LIMITS
	TOTAL	5	

NOTE: PERFORM REPAIRS TO MILLED SURFACE, BUTT JOINT LOCATIONS, OR ELSEWHERE AS NEEDED PRIOR TO ASPHALTIC PAVEMENT OVERLAY

PROJECT NO: 9210-09-71 HWY: STH 54 COUNTY: BROWN MISCELLANEOUS QUANTITIES SHEET: **E**

		455.0105 ASPHALTIC MATERIAL PG58-28	455.0605 TACK COAT	460.1103 HMA PAVEMENT TYPE E-3	460.4110.S REHEATING HMA LONGITUDINAL JOINTS	
STATION TO STATION	LOCATION	TON	GAL	TON	LF	REMARKS
955+00 - 1077+61	STH 54, LT	164	1,010	2,977	12,261	HMA I CATEGORY
955+00 - 1077+61	STH 54, RT	162	1,000	2,949	12,201	HMA I CATEGORY
TURN LANES / SHOULDER W	IDENING					-
VARIOUS LOCATIONS	STH 54, LT	19	108	316	-	-
VARIOUS LOCATIONS	STH 54, RT	24	150	442	-	-
SIDE ROADS	•			•	•	-
DEXTER DR		1	5	22	-	-
OVERLAND RD.		2	8	35	-	-
BAY RIDGE CT		2	9	39	-	-
CTH GE		2	9	37	-	-
HAVEN PLACE		2	7	32	-	-
BEAM GUARDS	STH 54,LT & RT	7	28	119	-	
	TOTALS	385	2.334 *	6.968	12,261	

^{*} ADDITIONAL QUANTITY SHOWN UNDER ASPHALTIC SURFACE SUMMARY

BEAM GUARD SUMMARY

STATION	то	STATION	LOCATION	614.2300 MGS GUARDRAIL 3	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	614.0010 BARRIER SYSTEM GRADING SHAPING FINISHING EACH
1023+05	-	1026+87	STH 54, LT	275	2	2
1023+12	-	1026+94	STH 54, RT	275	2	2
1042+37	-	1045+20	STH 54, LT	175	2	2
1042+24	-	1045+06	STH 54, RT	175	2	2
			TOTALS	900	8	8

LANDSCAPE SUMMARY FOR GRADING SHAPING, AND FINISHING FOR BARRIER TERMINALS

					TOPSOIL	EROSION MAT	FERTILIZER	SEEDING	SEEDING			
						CLASS I	TYPE B	MIXTURE NO.10	TEMPORARY			
						TYPE B	(7LB/1000 SF)	(1.5LB/1000 SF)	(1LB/1000 SF)			
STATION	TO	STATION	LOCATION	LF	SY	SY	CWT	LB	LB			
ENERGY ABSO	ENERGY ABSORBING TERMINAL LOCATION											
1023+07	-	1023+57	STH 54, LT	50	22	22	1.4	0.3	0.2			
1026+36	-	1026+85	STH 54, LT	50	22	22	1.4	0.3	0.2			
1023+18	-	1023+68	STH 54, RT	50	22	22	1.4	0.3	0.2			
1026+38	-	1026+88	STH 54, RT	50	22	22	1.4	0.3	0.2			
ENERGY ABSO	RBING	TERMINAL LO	OCATION									
1042+44	-	1042+94	STH 54, LT	50	22	22	1.4	0.3	0.2			
1044+69	-	1045+19	STH 54, LT	50	22	22	1.4	0.3	0.2			
1042+30	-	1042+80	STH 54, RT	50	22	22	1.4	0.3	0.2			
1044+56	_	1045+06	STH 54, RT	50	22	22	1.4	0.3	0.2			
	_		TOTALS		176	176	11	2	2			

** FOR INFORMATION ONLY

PROJECT NO: 9210-09-71 HWY: STH 54 COUNTY: BROWN MISCELLANEOUS QUANTITIES SHEET: **E**

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(7)

LANDSCAPE SUMMARY

				625.0100	628.2004	629.0210	630.0110	630.0200
				TOPSOIL	EROSION MAT	FERTILIZER	SEEDING	SEEDING
					CLASS I	TYPE B	MIXTURE NO.10	TEMPORARY
					TYPE B	(7LB/1000 SF)	(1.5LB/1000 SF)	(1LB/1000 SF)
STATION	TO	STATION	LOCATION	SY	SY	CWT	LB	LB
UNDISTRIBUTED		PROJECT	500	500	0.32	7	5	
			TOTALS	500	500	0.32	7	5

SILT FENCE SUMMARY

				628.1504 SILT FENCE	628.1520 SILT FENCE MAINTENANCE
STATION	TO	STATION	LOCATION	LF	LF
ENERGY ABSO	RBING	TERMINAL			
1022+32	-	1023+82	STH 54, LT	150	150
1026+10	-	1027+60	STH 54, LT	150	150
1022+43	-	1023+93	STH 54, RT	150	150
1026+13	-	1027+63	STH 54, RT	150	150
BEAM GUARD					
1041+30	-	1046+17	STH 54, LT	487	487
1041+41	-	1046+28	STH 54, LT	487	487
_		_	TOTALS	1,574	1,574

ADJUSTING MANHOLE COVERS

			<u>611.8110</u>
STATION	LOCATION	OFFSET	EACH
1074+25	STH 54	19.5' RT	1
		TOTAL	1

INLET PROTECTION TYPE B

		<u>628.7010</u>
STATION	LOCATION	EACH
1075+45	STH 54 RT & LT	2
	TOTAL	2

MOBILIZATIONS EROSION CONTROL AND MOBILIZATIONS EMERGENCY EROSION CONTROL

				628.1905 MOBILIZATIONS EROSION CONTROL	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL
STATION	TO	STATION	LOCATION	EACH	EACH
	-		PROJECT	2	1
			TOTALS	2	1

TRAFFIC CONTROL SIGNS

			1		
		APPROX.	<u>643.</u>	<u>0900</u>	
		SERVICE	SIC	INS	
		PERIOD	NO. IN		
STATION	LOCATION	DAYS	SERVICE	DAYS	REMARKS
ADVANCE WARNING					
PROJECT LIMITS, EB	STH 54, RT	21	5	105	_
PROJECT LIMITS, WB	STH 54, LT	21	5	105	-
SIDE ROADS					
STH 172	-	21	2	42	ADVANCE WARNING
CTH GE	-	21	2	42	ADVANCE WARNING
SIDE ROADS				•	
DEXTER ROAD	-	21	1	21	ADVANCE WARNING
OVERLAND ROAD	-	21	1	21	ADVANCE WARNING
BAY RIDGE ROAD	-	21	1	21	ADVANCE WARNING
HAVEN PLACE ROAD	-	21	1	21	ADVANCE WARNING
MOVING OPERATION					
PROJECT LIMITS, EB	STH 54, RT	21	3	63	ı
PROJECT LIMITS, WB	STH 54, LT	21	3	63	ı
UNDISTRIBUTED	-	6	36	216	PROJECT LIMITS
				720	

TOTAL 720

PROJECT NO: 9210-09-71 HWY: STH 54 COUNTY: BROWN MISCELLANEOUS QUANTITIES	Е
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ERECTION & REMOVAL OF TYPE II SIGNS AND SUPPORTS

				637.0202	634.0614	634.0616	638.2602	638.3000	
				SIGNS	POSTS	POSTS	REMOVING	REMOVING	
				REFLECTIVE	WOOD	WOOD	SIGNS	SMALL SIGN	
SIGN		SIGN		TYPE II	4x6x14	4x6x16	TYPE II	SUPPORTS	
NO.	LOCATION	CODE	WХН	S.F.	EACH	EACH	EACH	EACH	REMARKS
1	STH 54, E. OF STH 172	J4-1	24" x 36"	6.00	1		1	1	EAST STH 54, SEE PLAN SHEET
2	11	R2-1	24" x 30"	5.00	1		1	1	55 MPH
3	11	I55-56	30" x 36"	7.50	1		1	1	BROWN COUNTY CARE SHELTER
4	11	W2-6	30" X 30"	6.25	1		1	1	
5	п	W2-6P					1		
6	п	W13-1	18" X 18"	2.25			1		15 MPH - FLUORESCENT REFLECTIVE SHEETING
7	п	J1-2	48" x 39"	13.00		1	1	1	JCT STH 172, JCT CTH E, SEE PLAN SHEET
8	п	w2-2	30" x 30"	6.25	1		1	1	FLUORESCENT REFLECTIVE SHEETING
9	п	R1-1	30" x 30"	6.25	1		1	1	FLUORESCENT REFLECTIVE SHEETING
10	DEXTER DR	R1-1	30" x 30"	5.18	1		1	1	
11	STH 54, W. OF OVERLAND RD	w1-6	48" X 24"	8.00	1		1	1	FLUORESCENT REFLECTIVE SHEETING
12	OVERLAND RD	R1-1	30" x 30"	5.18	1		1	1	
13	STH 54, E. OF OVERLAND RD	W1-6	48" x 24"	8.00	1		1	1	FLUORESCENT REFLECTIVE SHEETING
14	STH 54, W. OF BAY RIDGE CT	W1-2L	30" x 30"	6.25	1		1	1	FLUORESCENT REFLECTIVE SHEETING
15	п	W14-3	48" x 36"	6.00	1		1	1	FLUORESCENT REFLECTIVE SHEETING
16	BAY RIDGE CT	R1-1	30" X 30"	5.18	1		1	1	
17	STH 54, E. OF BAY RIDGE CT	w14-3	48" X 36"	6.00	1		1	1	FLUORESCENT REFLECTIVE SHEETING
18	п	w14-3	48" X 36"	6.00	1		1	1	FLUORESCENT REFLECTIVE SHEETING
19	п	J1-1	24" X 39"	6.50		1	2	1	JCT CTH GE, SEE PLAN SHEET
20	П	I55-56	30" x 36"	7.50	1		1	1	BROWN COUNTY CARE SHELTER
21	П	J4-1	24" X 36"	6.00	1		2	1	WEST STH 54
22	п	J13-1	24" X 45"	7.50		1	2	1	CTH GE, SEE PLAN SHEET
23	STH 54, AT CTH GE	M1-6					1		
24	"	w1-7	48" X 24"	8.00	1		1	1	FLUORESCENT REFLECTIVE SHEETING
25	CTH GE	R1-1	30" X 30"	5.18	1		1	1	
26	STH 54, E. OF CTH GE	J13-1	24" X 45"	7.50		1	2	1	CTH GE, SEE PLAN SHEET
27	" "	J4-1	24" X 36"	6.00	1		2	1	EAST STH 54, SEE PLAN SHEET
28		155-56					1	1	
29	HAVEN PLACE RD	R1-1	30" X 30"	5.18	1		1	1	
30		R1-1	30" X 30"	5.18	1		1	1	
31	STH 54, E. OF HAVEN PLACE RD	J1-1	24" x 39"	6.50		1	2	1	JCT CTH GE, SEE PLAN SHEET
32	"	W11-3					1	1	
33	"	W57-51					1	_	
34	" "	W14-3	48" X 36"	6.00	1		1	1	FLUORESCENT REFLECTIVE SHEETING
35	" "	W14-3	48" X 36"	6.00	1		1	1	FLUORESCENT REFLECTIVE SHEETING
36		12-3	66" X 24"	11.00	2		1	2	GREEN BAY, SEE SIGN DETAIL SHEET
37	"	12-3	60" X 24"	10.00	1		1	1	HOBART, SEE SIGN DETAIL SHEET
38		W6-1	36" x 36"	9.00		1	1	1	
	PROJECT TOTALS			221.33	27	6	44	35	

HWY: STH 54 SHEET: COUNTY: BROWN PROJECT NO: 9210-09-71 MISCELLANEOUS QUANTITIES

PAVEMENT MARKING 4-INCH AND 8-INCH SUMMARY

				SAME 4-INCH	0406 DAY EPOXY	EP(0106 DXY NCH	TEMP(REFLECTIVE	.0200 DRARY PAINT 4-INCH	646.0126 EPOXY 8-INCH	
					.LOW		ITE		LLOW	WHITE	
					RLINE		LINE		ERLINE		
				SOLID	DASHED	SOLID	DASHED	SOLID	DASHED		
STATION	TO	STATION	LOCATION	LF	LF	LF	LF	LF	LF	LF	REMARKS
	CENTER		1	1			1	1			
955+00	_	994+74	STH 54, RT	3,974	-	-	-	11,922	-	-	BEGIN PROJECT
994+74	_	1010+58	STH 54, RT	-	396	-	-	-	1,188	-	
1010+58	-	1043+42	STH 54, RT	3,284	-	-	-	9,852	-	-	
1043+42	-	1068+50	STH 54, RT	-	627	-	-	-	1,881	-	
1068+50	-	1080+50	STH 54, RT	1,200	-	-	-	2,733	-	-	END PROJECT
WESTBOUND,	CENTER		Ī	1				T	T		
955+00	-	994+74	STH 54, LT	3,974	-	-	-	11,922	-	-	BEGIN PROJECT
994+74	-	1010+58	STH 54, LT	-	396	-	-	-	1,188	-	
1010+58	-	1015+38	STH 54, LT	480	-	-	-	1,440	-	-	
1015+98	_	1024+96	STH 54, LT	_	225	_	-	-	726	-	
1024+96	_	1050+94	STH 54, LT	2,598	_	-	-	7,794	-	-	
1050+94	_	1068+50	STH 54, LT	_	439	-	_	-	1,317	-	END PROJECT
1068+50	_	1080+50	STH 54, LT	1,200	_	-	_	2,733	-	-	
WESTBOUND,	LT										
955+00	_	977+89	STH 54, LT	-	_	2,289	_	-	-	-	BEGIN PROJECT
979+36	_	993+44	STH 54, LT	-	_	1,408	_	-	-	-	
995+18	-	1080+50	STH 54, LT	_	_	8,532	_	-	-	-	
EASTBOUND,	RT										
955+00	-	1030+00	STH 54, RT	_	_	7,500	_	-	-	-	END PROJECT
1031+20	-	1039+69	STH 54, RT	_	_	840	_	-	-	-	
1040+86	-	1080+50	STH 54, RT	_	_	3,964	_	-	-	-	
STH 54, BYP	ASS LA	ANES	•	•					•		
977+36	-	981+00	STH 54, RT	_	_	-	91	-	273	-	OVERLAND RD
1029+50	-	1032+64	STH 54, LT	_	-	ı	79	-	-	-	CTH GE
1031+15	_	1037+36	STH 54, RT	_	-	-	155	-	465	-	CTH GE - HAVEN PL
STH 54, DIV	IDED 4	LANE							•		
1073+55	_	1080+50	STH 54, RT	-	-	ı	175	-	-	-	EASTBOUND
1076+50	-	1080+50	STH 54, LT	-	-	ı	100	-	-	-	WESTBOUND
STH 54, TUR	N LANE	S									
979+35	-	982+85	STH 54, LT	-	-	ı	_		-	350	OVERLAND RD
1014+16	_	1015+66	STH 54, LT	-	-	-	-	450	-	150	COMM. ENTRANCE
1028+00	_	1030+00	STH 54, RT	-	-	-	-	600	-	200	CTH GE
1037+69	_	1039+69	STH 54, RT	-	-	-	-	600	-	200	HAVEN PL
1079+47	-	1080+50	STH 54, RT	-	-	-	-	-	-	103	PLEASNT LANE
			SUB-TOTALS	16,710	2,083	24,533	600	50,046	7,038		

TOTALS 18,793 25,133 57,084 1,003

PROJECT NO: 9210-09-71 HWY: STH 54 COUNTY: BROWN MISCELLANEOUS QUANTITIES SHEET: **E**

PAVEMENT MARKING MISCELLANEOUS SUMMARY

				647.0166 PAVEMENT MARKING ARROWS EPOXY TYPE 2	647.0196 PAVEMENT MARKING ARROWS EPOXY TYPE 5	647.0356 WORDS EPOXY "ONLY"	647.0456 CURB EPOXY YELLOW	647.0606 ISLAND NOSE EPOXY	647.0746 DIAGONAL EPOXY 24-INCH YELLOW	647.0856 CONCRETE CORRUGATED MEDIAN EPOXY	
STATION	TO	STATION	LOCATION	EACH	EACH	EACH	LF	EACH	LF	SF	REMARKS
STH 54											
1037+69	-	1039+69	STH 54, RT	2	ı	1	ı	-	-	1	HAVEN PL TURN LANE
1069+42	-	1073+55	STH 54, RT	1	ı	ı	ı	-	149	1	
1073+05	-	1074+73	STH 54	1	ı	ı	ı	-	-	332	
1075+70	-	1078+70	STH 54, LT	1	2	ı	ı	-	-	1	WESTBOUND
1	1076+3	3	STH 54	-	-	-	-	1	_	-	
1076+38	-	1076+43	STH 54, LT & RT	-	-	-	10	-	_	-	
1080+40	-	1080+45	STH 54, LT & RT	1	-	1	10	-	_	-	
1	1080+5	0	STH 54	ı	ı	1	1	1	_	ı	
			TOTALS	2	2	1	20	2	149	332	

LOCATING NO-PASSING ZONES

				648.0100
STATION	TO	STATION	LOCATION	MI
PROJECT		STH 54	2.33	
·		-	TOTAL	2.33

CONSTRUCTION STAKING RESURFACING REFERENCE

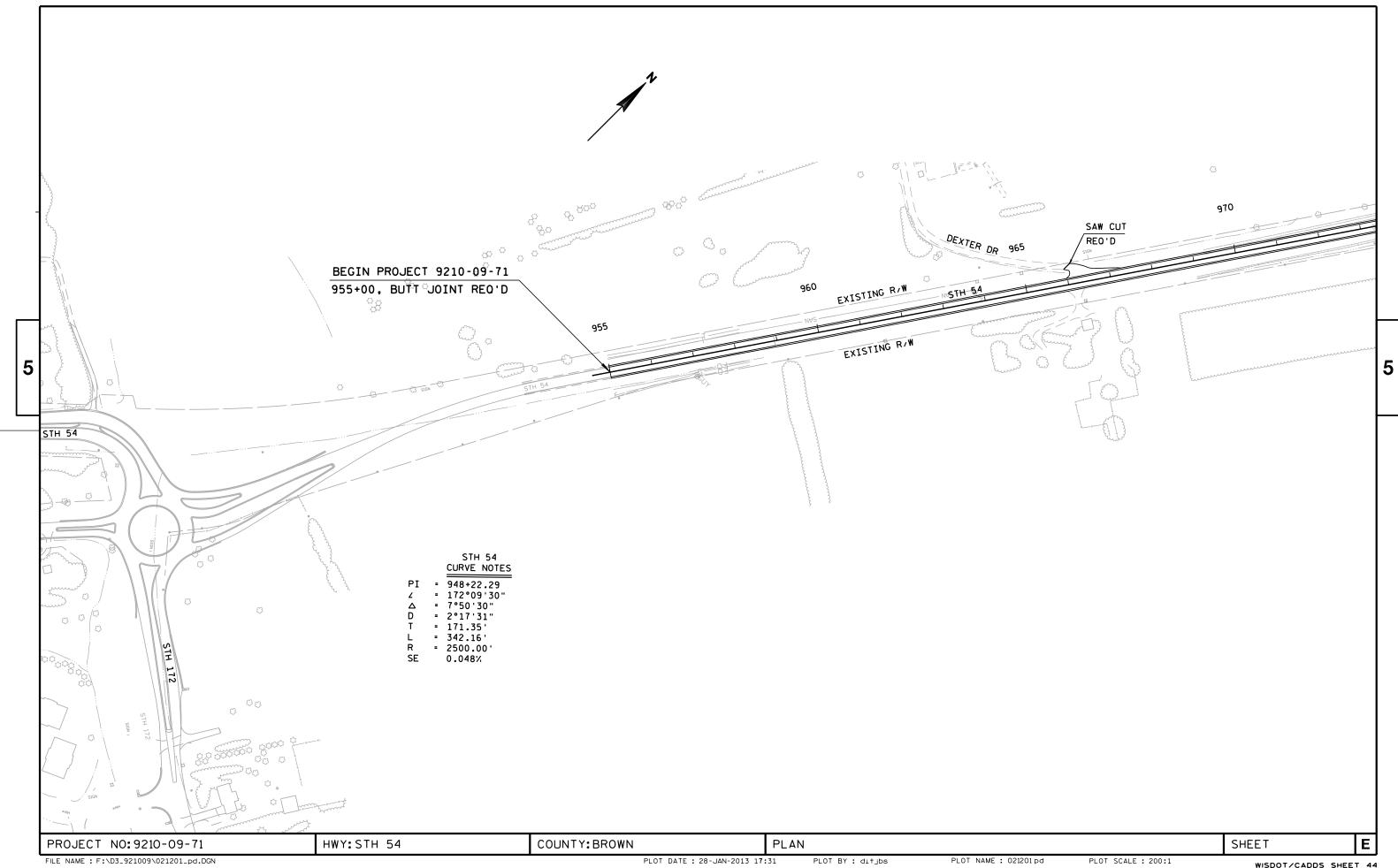
				<u>650.8000</u>	
STATION	TO	STATION	LOCATION	LF	REMARKS
955+00	-	1077+61	STH 54	12,261	PROJECT LIMITS
			TOTAL	12,261	

SAWING ASPHALT

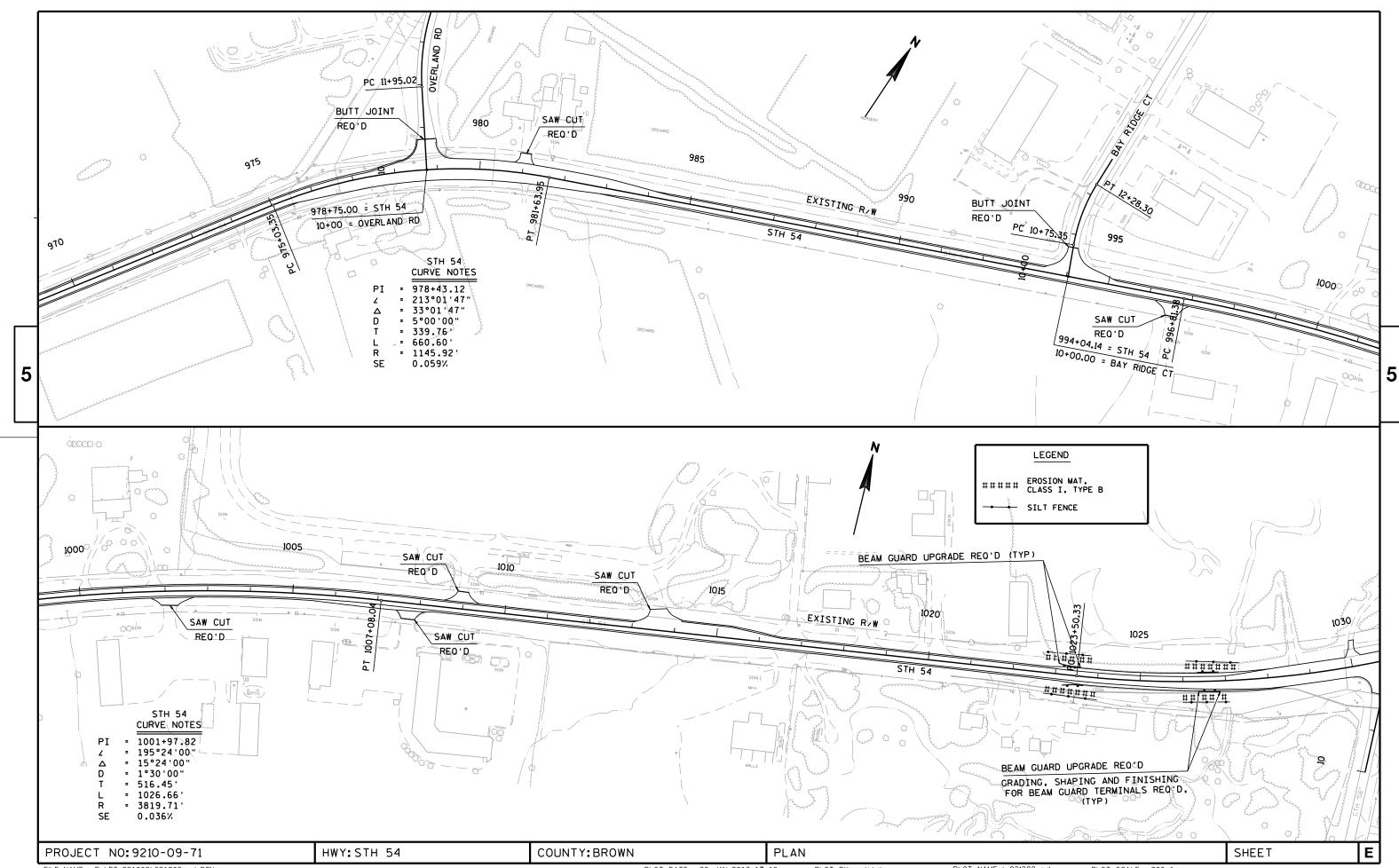
		_	
		<u>690.0150</u>	
STATION	LOCATION	LF	REMARKS
955+00	STH 54	30	BEGIN PROJECT
966+40	STH 54, LT	20	DEXTER DR
978+75	STH 54, LT	44	OVERLAND DR
981+00	STH 54, LT	24	COMMERCIAL ENTRANCE
994+00	STH 54, LT	24	BAY RIDGE CT
996+80	STH 54, RT	30	COMMERCIAL ENTRANCE
1002+00	STH 54, RT	28	COMMERCIAL ENTRANCE
1007+45	STH 54, LT	30	COMMERCIAL ENTRANCE
1009+00	STH 54, LT	21	COMMERCIAL ENTRANCE
1013+65	STH 54, LT	40	COMMERCIAL ENTRANCE
1016+90	STH 54, RT	45	COMMERCIAL ENTRANCE
1030+00	STH 54, LT	12	PRIVATE ENTRANCE
1030+90	STH 54, RT	38	CTH GE
1033+90	STH 54, LT	12	PRIVATE ENTRANCE
1035+40	STH 54, LT	12	PRIVATE ENTRANCE
1040+35	STH 54, RT	30	HAVEN PL
1048+40	STH 54, RT	12	PRIVATE ENTRANCE
1056+50	STH 54, RT	15	PRIVATE ENTRANCE
1071+57	STH 54, LT	12	PRIVATE ENTRANCE
1077+61	STH 54	46	END PROJECT
	TOTAL	525	

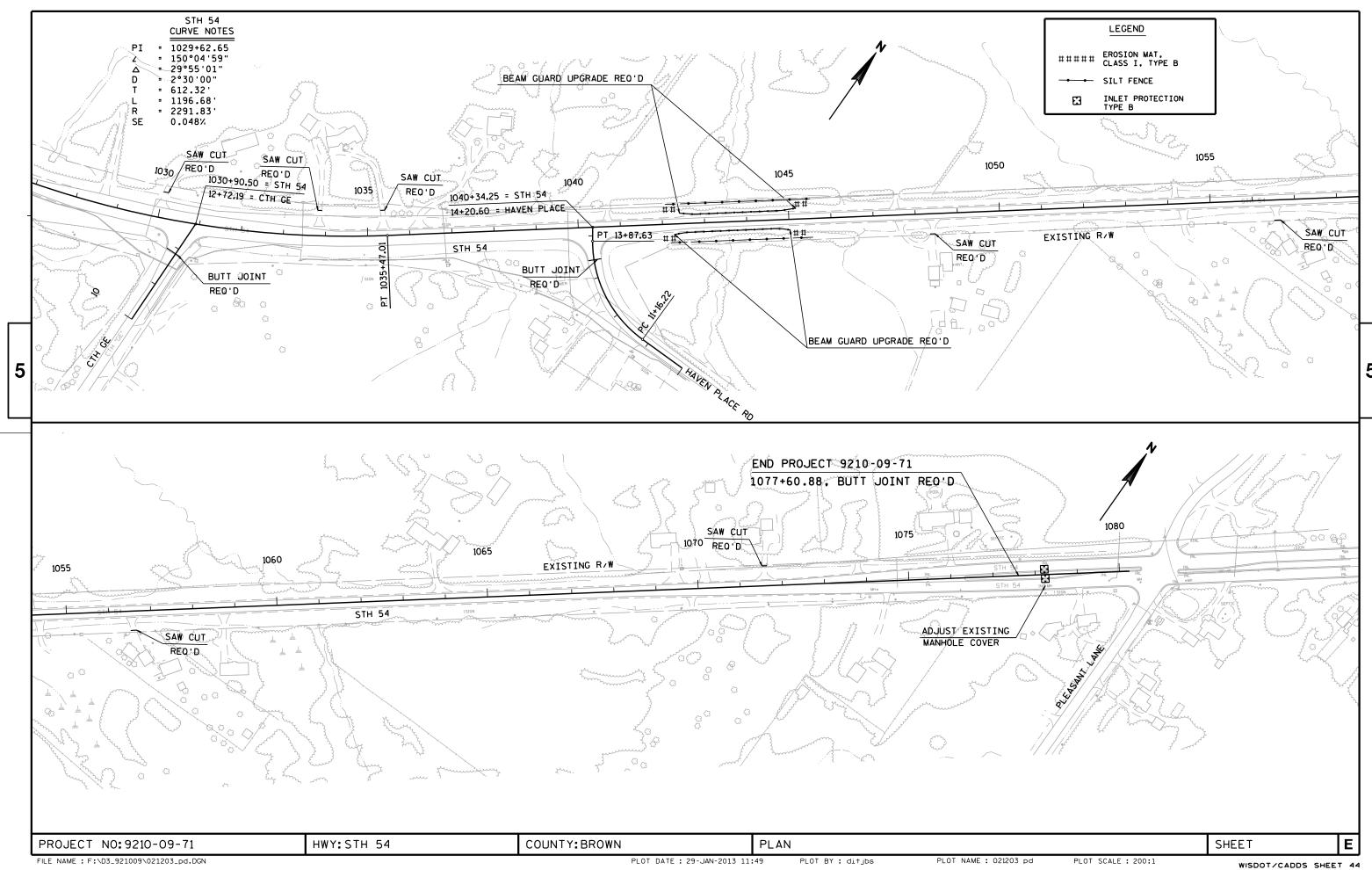
TOTAL 525

PROJECT NO: 9210-09-71 HWY: STH 54 COUNTY: BROWN MISCELLANEOUS QUANTITIES SHEET: **E**



WISDOT/CADDS SHEET 44





PLOT NAME: 021203 pd FILE NAME : F:\D3_921009\021203_pd.DGN PLOT DATE: 29-JAN-2013 11:49 PLOT BY : ditjbs PLOT SCALE : 200:1

Standard Detail Drawing List

08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
14B42-02A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-02B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-02C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-01A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-01B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-01C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
15C07-12B	PAVEMENT MARKING WORDS
15C07-12C	PAVEMENT MARKING ARROWS
15C08-15A	PAVEMENT MARKING (MAINLINE)
15C08-15B	PAVEMENT MARKING (INTERSECTIONS)
15C08-15F	PAVEMENT MARKING (ISLANDS, STOP LINE & CROSS WALK)
15C12-03	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

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TYPICAL APPLICATION OF SILT FENCE

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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 11/8" X 11/8" 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

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INLET PROTECTION, TYPE A

GENERAL NOTES

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

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

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

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



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES

TYPE B & C

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

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

TYPE D

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

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

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

INLET PROTECTION TYPE A, B, C, AND D

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

10/16/02

/S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER 6

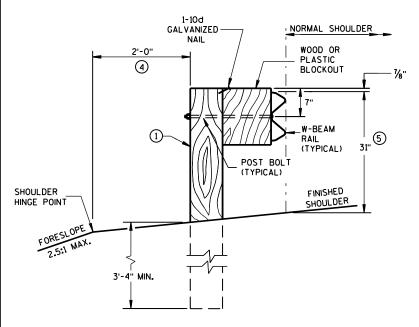
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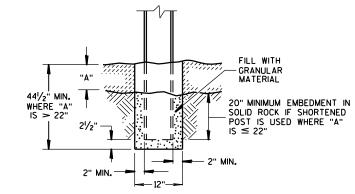
GENERAL NOTES

- (1) WOOD OR STEEL POSTS (W6X9 OR W6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.
- ② USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.
- (3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 21/2INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.
- (4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).
- (5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ± 1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27¾" TO 32".

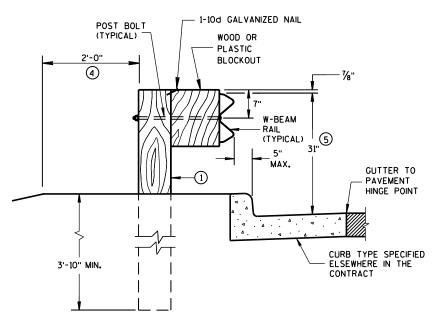


END VIEW

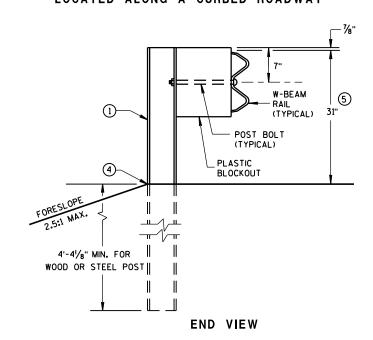
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



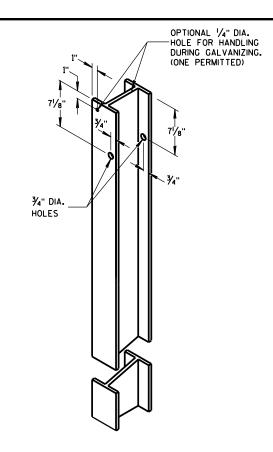
SETTING STEEL OR WOOD POST IN ROCK $^{\scriptsize{\textcircled{3}}}$



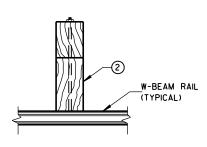
END VIEW
LOCATED ALONG A CURBED ROADWAY



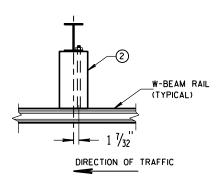
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



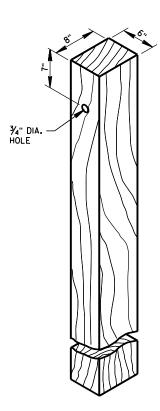
STEEL POST & HOLE PUNCHING DETAIL (w6X9)



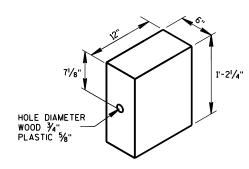
PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



PLAN VIEW
STEEL POST,
PLASTIC BLOCKOUT & BEAM



WOOD POST (6" X 8") NOMINAL



WOOD OR PLASTIC BLOCKOUT

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

S.D.D.

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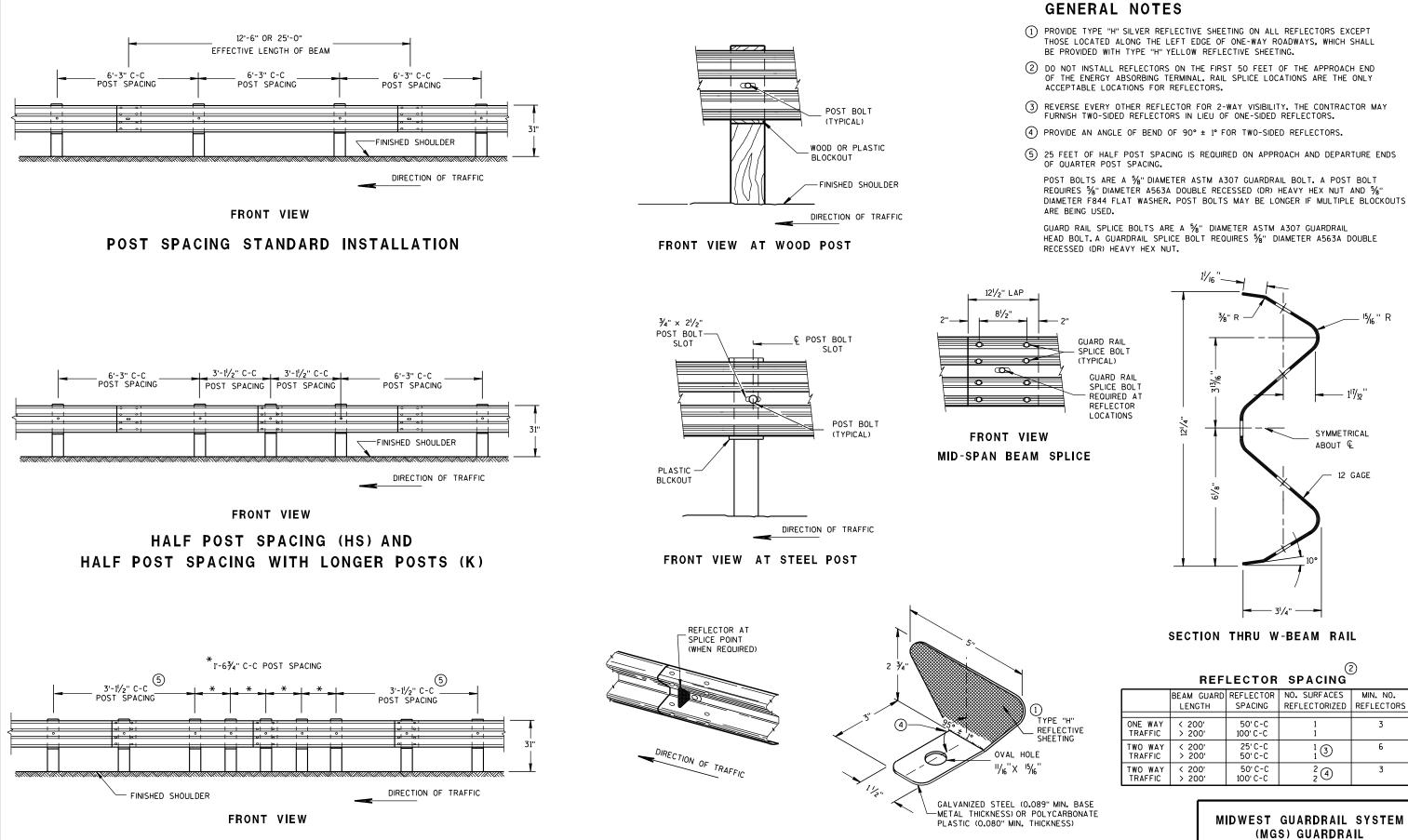
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ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

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QUARTER POST SPACING (QS)

¹⁵/₁₆" R

SYMMETRICAL

12 GAGE

ABOUT €

6

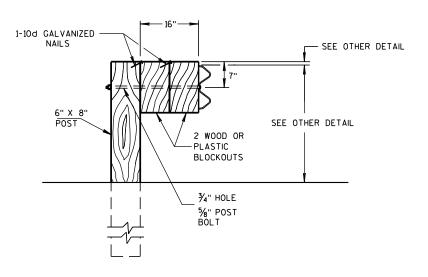
BEAM GUARD REFLECTOR NO. SURFACES MIN. NO.

SPACING | REFLECTORIZED | REFLECTORS 3 6 1 3 2 4 3

> MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

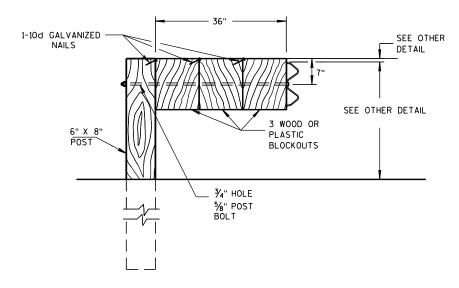
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION Ω Δ

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DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.



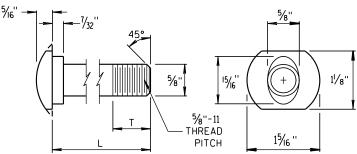
DETAIL FOR 36" BLOCKOUT DEPTH

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

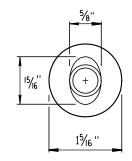
NOTE: 1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 1/16".

2. IF THE BOLT EXTENDS MORE THAN 1/4" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

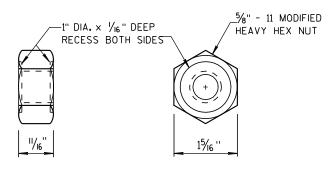


POST BOLT TABLE

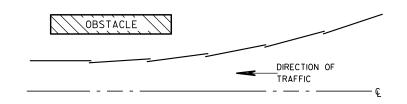
L	T (MIN.)
11/4"	1 1/8"
2"	13/4"
10"	4"
14"	4½ ₆ "
18"	4"
21"	4½ "
25"	4"



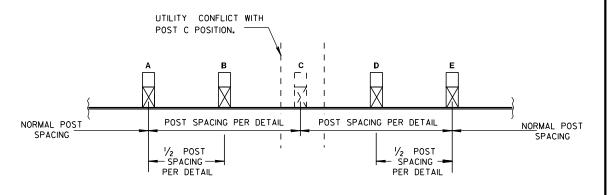
ALTERNATE BOLT HEAD



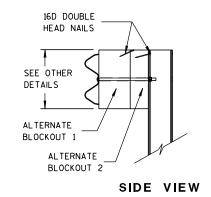
POST BOLT AND RECESS NUT

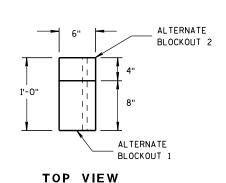


PLAN VIEW BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION





ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

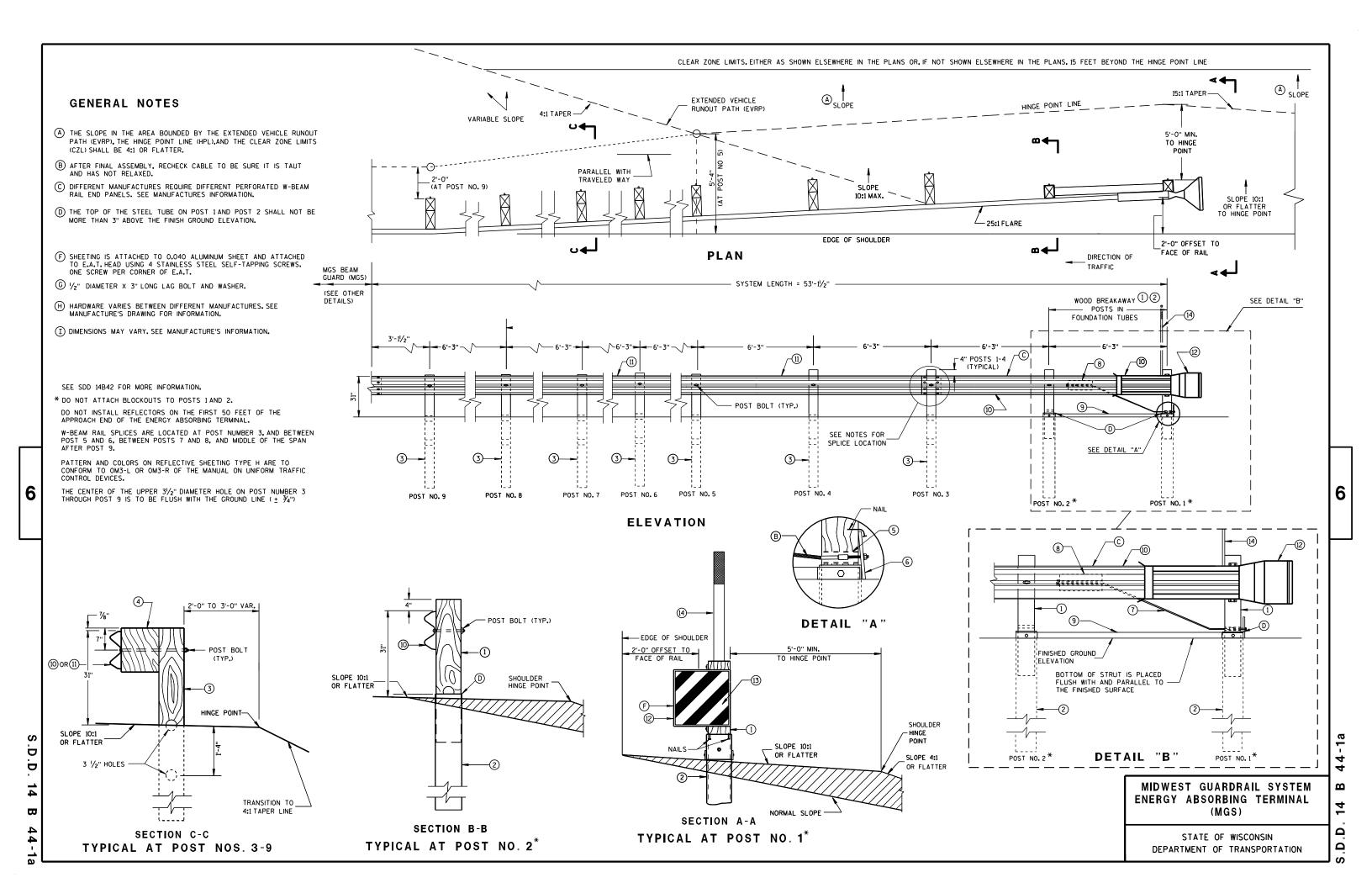
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

II/15/20II /S/ Jerry H. Zogg

DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER

.D.D. 14 B 42-2c



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GENERIC ANCHOR CABLE BOX

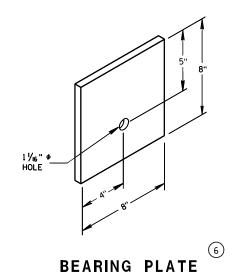
GENERIC GROUND STRUT

9 H

PLAN VIEW

BILL OF MATERIALS

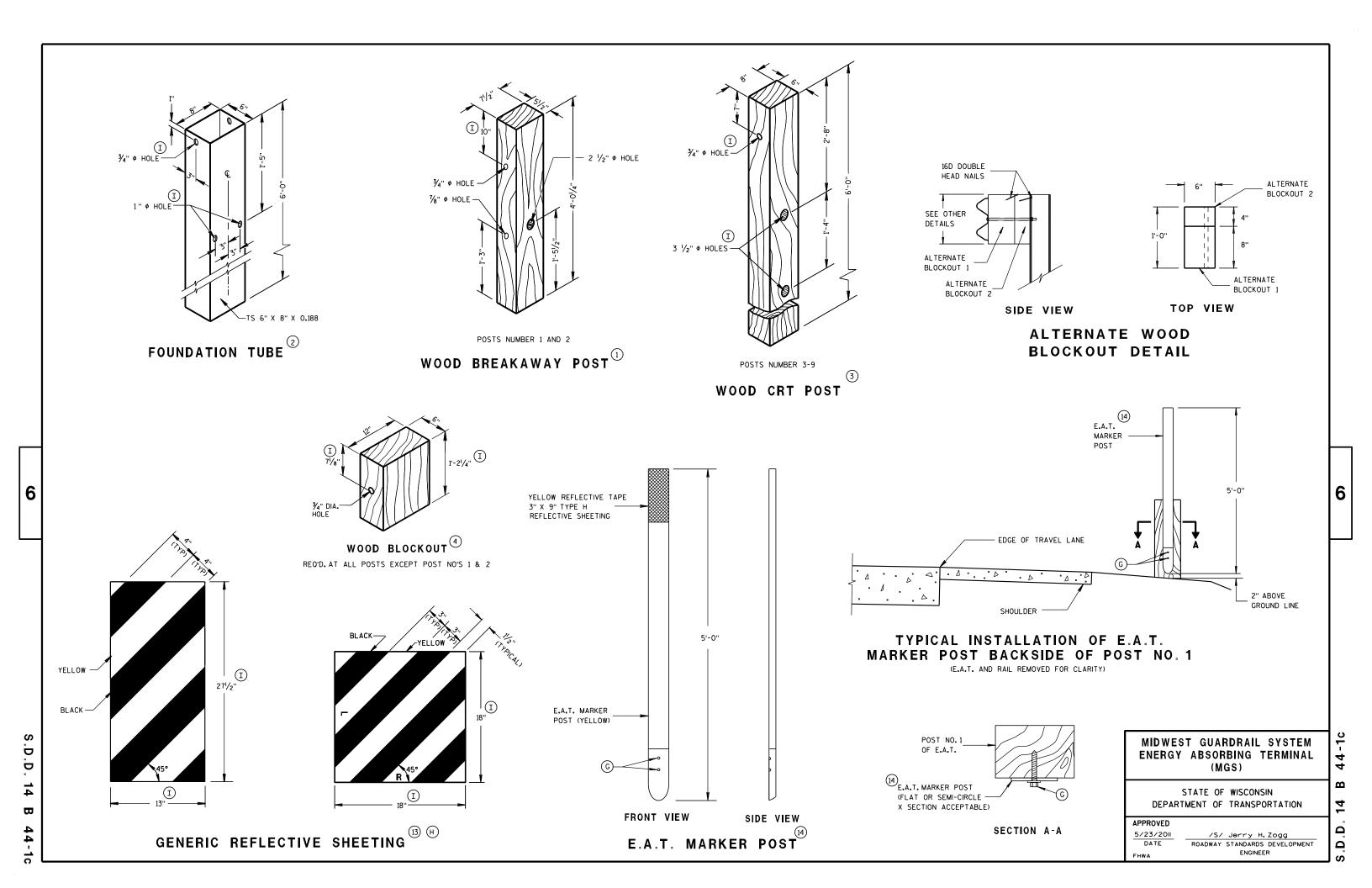
PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUFACTURER'S DETAILS FOR MORE INFORMATION.
1	WOOD BREAKAWAY POST
@	6" X 8" X 0.188", 6'-0" LONG FOUNDATION TUBE AT POSTS 1AND 2
3	WOOD CRT
4	WOOD BLOCKOUT
(5)	PIPE SLEEVE
6	BEARING PLATE
7	BCT CABLE ASSEMBLY
8	ANCHOR CABLE BOX
9	GROUND STRUT
10	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
(1)	STANDARD W-BEAM RAIL.MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
(2)	END SECTION EAT
13)	0.040" ALUMINUM SHEET WITH REFLECTIVE SHEETING TYPE H (ONLY THE SHEETING IS SUPPLIED BY THE MANUFACTURER)
14)	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)

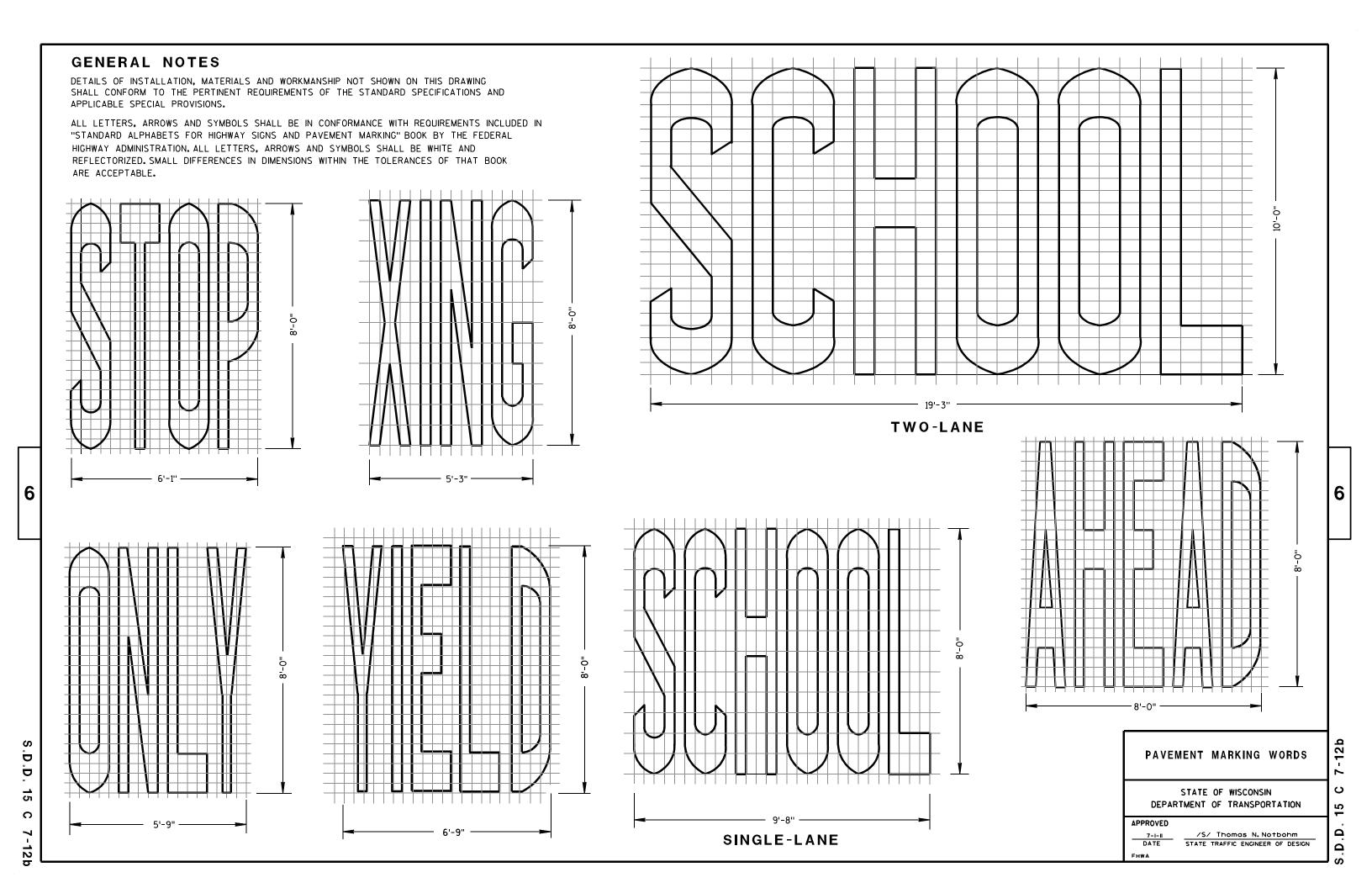


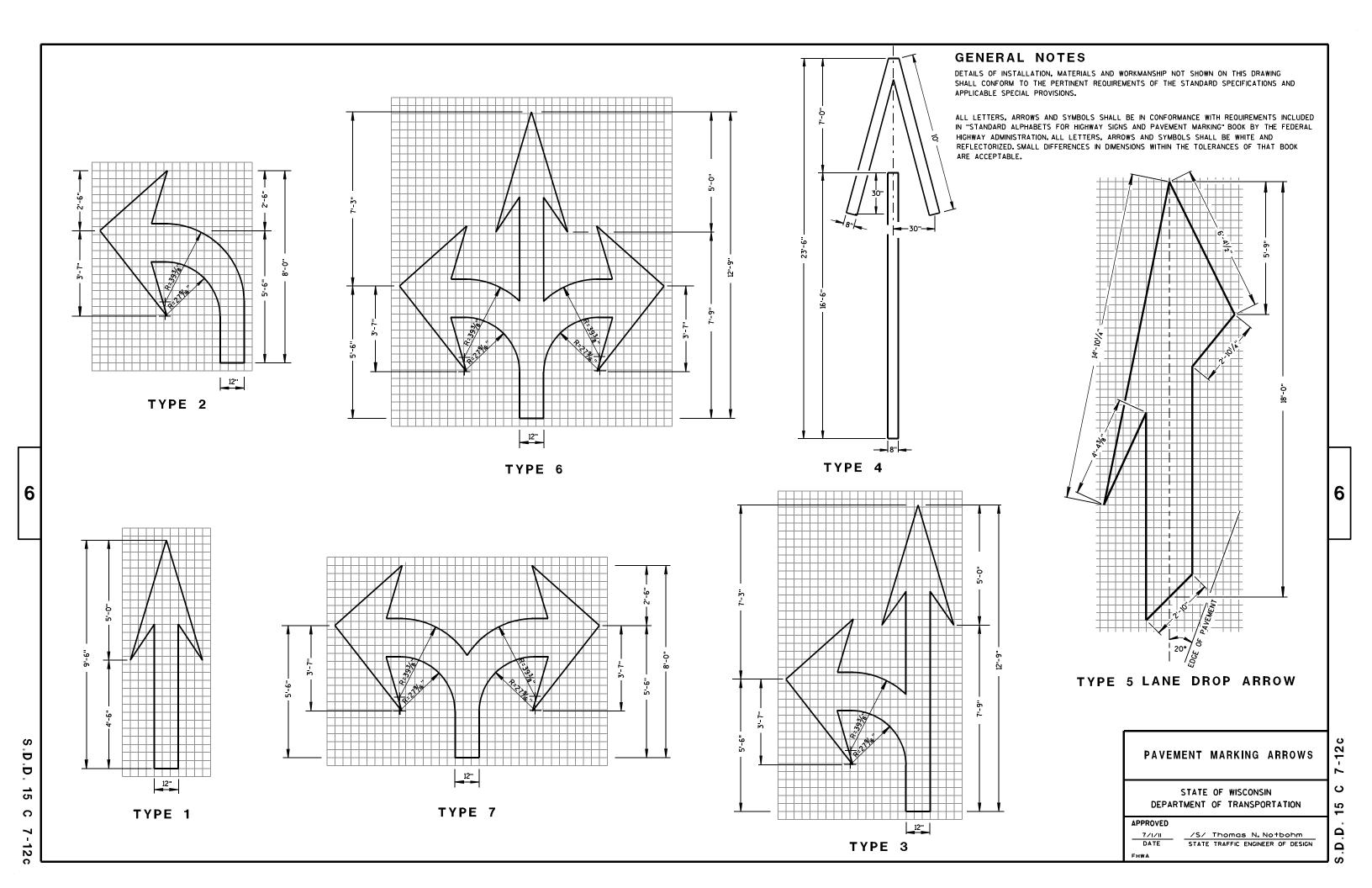
MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

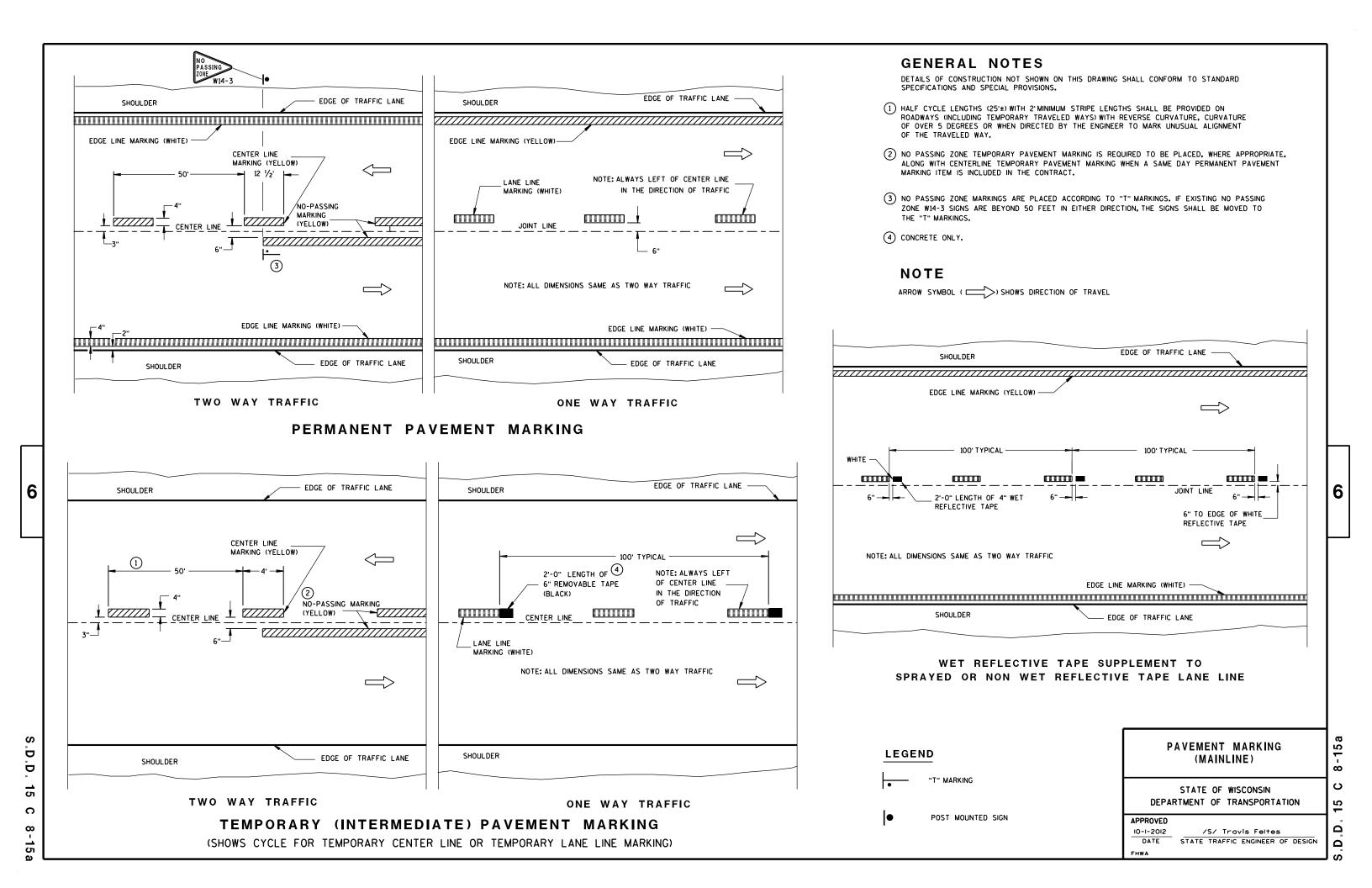
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

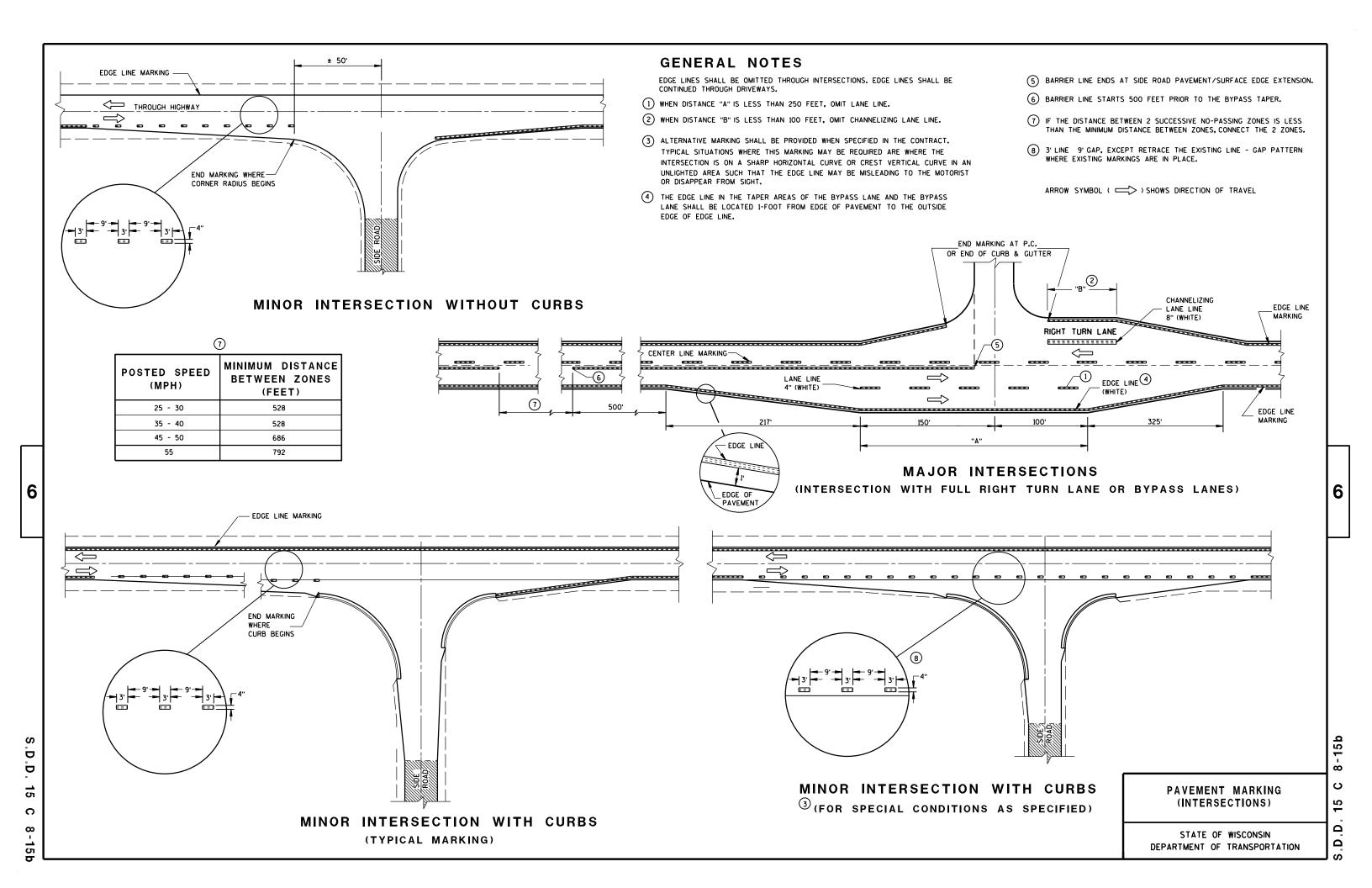
S.D.D.

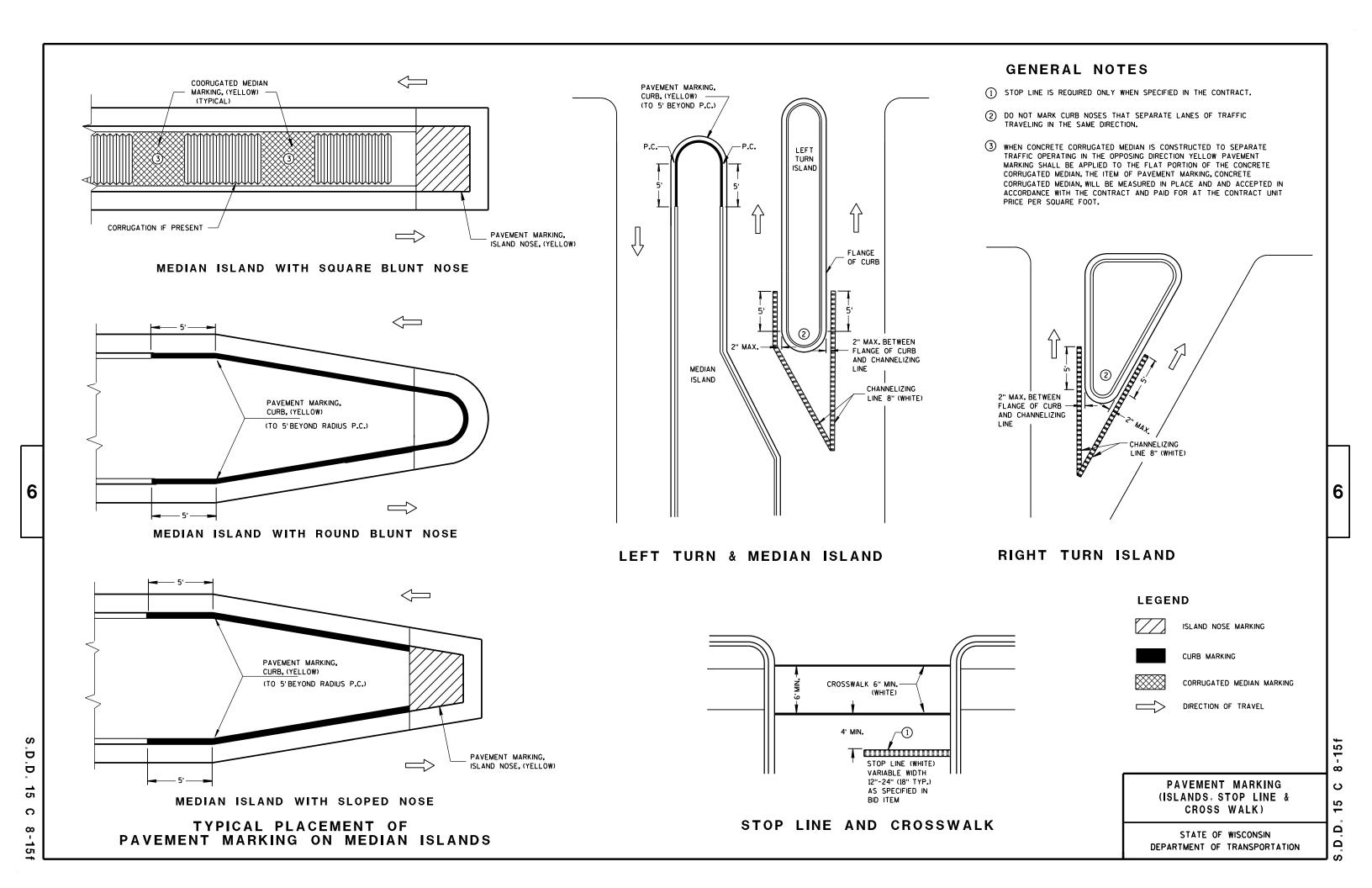


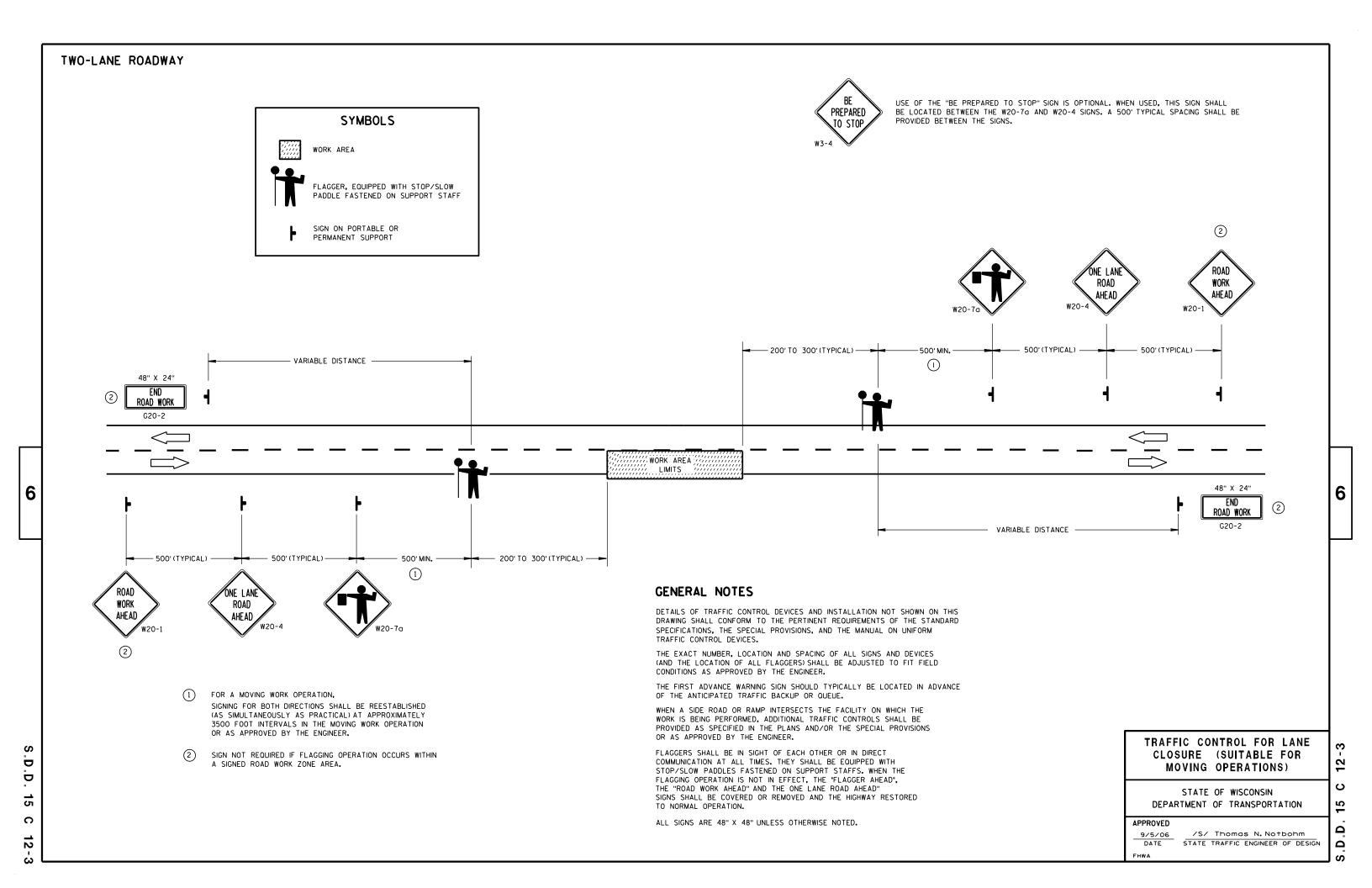








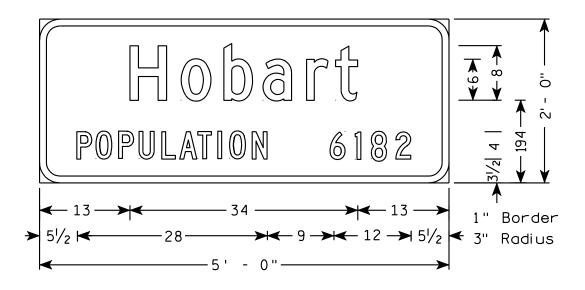


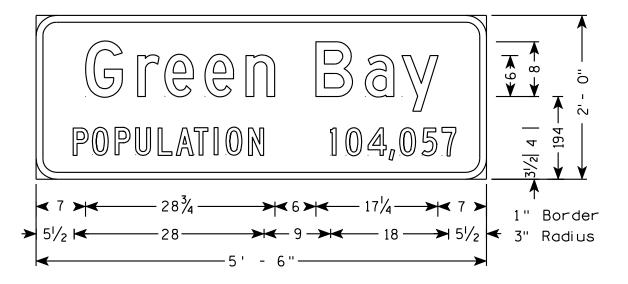


- 1. All Signs Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Green Message - White

3. Message Series - C except as noted





PROJECT NO: 9210-09-71

HWY: STH 54

COUNTY: BROWN

SIGNING PLATE

PLOT NAME : 3051A507.

SHEET NO:

FILE NAME: N:\spo\traffic\SIGNING\Projects\9210-09-71 STH 54 STH 172-Pleasant Lane\3051A507.dgn

PLOT DATE: 22-JAN-2013 10:18

PLOT BY : dotj1f

PLOT SCALE : 225:1

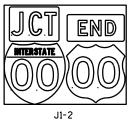
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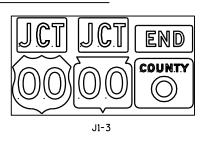
TYPICAL ASSEMBLIES



North

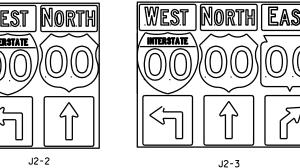
INTERSTATE

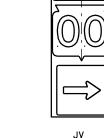




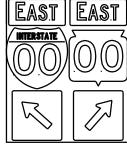


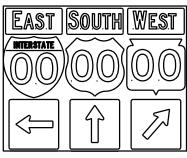






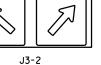
J2-1

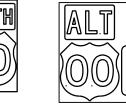


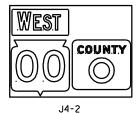


J3-3













EAST

J32-1

IMTERSTATE





J33-1





J23-1

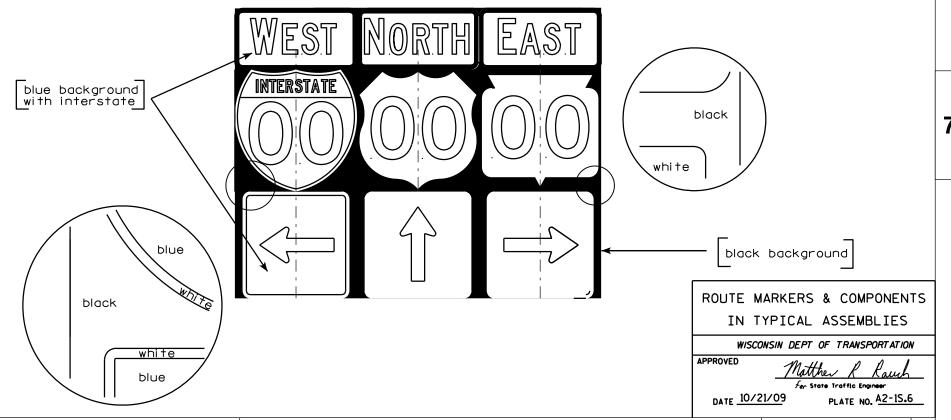


NOTES

- 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 since base material is plywood.
- 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 inchs (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.



PROJECT NO:

J13-1

COUNTY

FRONTAGE

ROAD

SHEET NO:

Ε



urban area

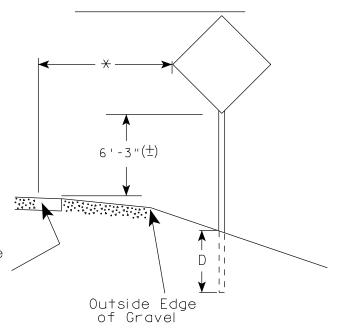
2' Min - 4' Max (See Note 5)

** Curb Flowline

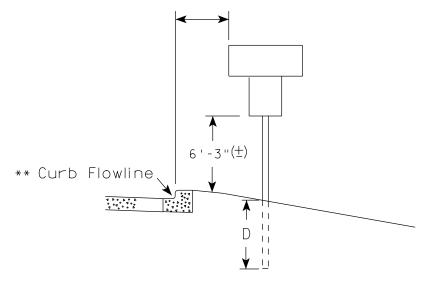
D

White Edgeline
Location

RURAL AREA (See Note 2)



2' Min - 4' Max (See Note 5)



White Edgeline
Location

Outside Edge
of Gravel

** 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.

GENERAL NOTES

- 1. Signs wider than 4 feet or larger than 20 sq. ft. 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'' (\pm) or 6'-3'' (\pm) per urban or rural detail respectively.
- 5. Minimum mounting height for signs mounted on traffic signal poles is 5' 3" (\pm) .
- 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" (\pm) 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), 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" (±).

POST EMBEDMENT DEPTH

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

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

APPROVED

Matthew R Rawl For State Traffic Engineer

DATE <u>9/21/2011</u>

PLATE NO. <u>A4-3.16</u>

PROJECT NO:

HWY:

COUNTY:

PLOT DATE: 21-SEP-2011 13:33 PLOT BY: mscs id

PLOT NAME :

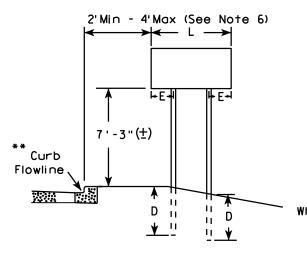
PLOT SCALE: 101.303739:1.000000

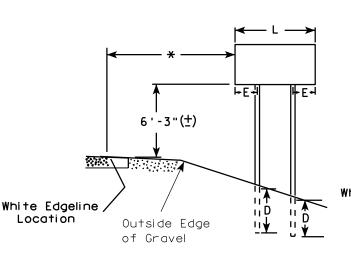
WISDOT/CADDS SHEET 42

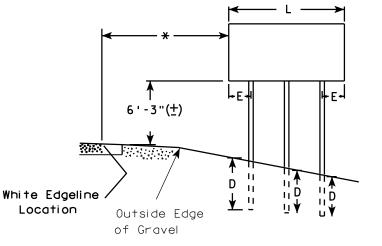
FILE NAME : C:\Users\PROJECTS\tr_stdplate\A43.DGN

URBAN AREA

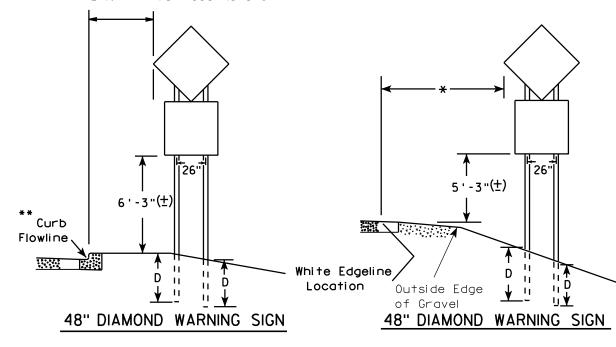
RURAL AREA (See Note 3)







2' Min - 4' Max (See Note 6)



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

COUNTY:

SIGN SHAPE OTHER THAN (FOUR POSTS REQUIRE	
L	E
168" and greater	12"

GENERAL NOTES

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

POST EMBEDMENT DEPTH

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

PLOT NAME :

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

PLATE NO. 44-4.11 DATE 9/21/2011

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\A44.DGN

Greater than 48"

Less than 60"

60" to 120"

* * *

PROJECT NO:

SIGN SHAPE OTHER THAN DIAMOND

Ε

12"

L/5

HWY:

(TWO POSTS REQUIRED)

PLOT DATE: 21-SEP-2011 13:36

PLOT BY: mscsia

PLOT SCALE: 109.249131:1.000000



E → SPONSOR A F Y G Z F Z A F X A

HWY:

Background Colors of Symbol*

₽ 4

* VARIES

White Black Green Orange

 * $\!\!\!/_4$ " Black Border between each color of rainbow and border of rainbow

I 2 36 | 1 1/2 | 1/2 5/8 3 1/2 2 7/8 | 2 1/8 | 11 1/4 | 11 1/8 | 9 3/8 | 1 1/4 3/4 12 % 7 1/2 30 7.5 3 4 5

COUNTY:

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.

> STANDARD SIGN I55-56

WISCONSIN DEPT OF TRANSPORTATION

APPROVED for State Traffic Engineer

DATE 4/27/11 PLATE NO. 155-56.3

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\I5556.DGN

PROJECT NO:

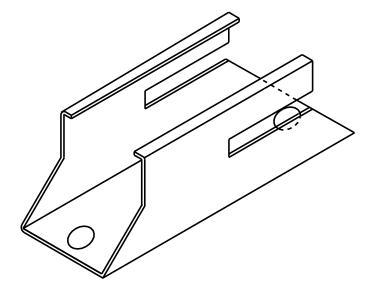
PLOT DATE: 27-APR-2011 10:05

PLOT BY: mscj9h

PLOT NAME :

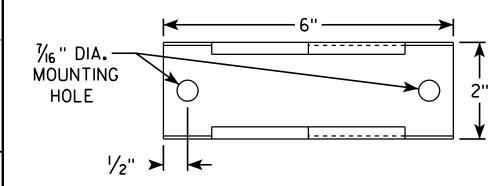
PLOT SCALE: 7.945391:1.000000

ISOMETRIC VIEW

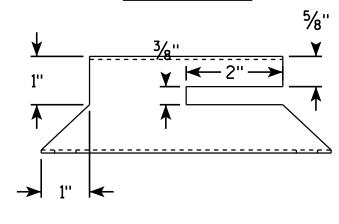


TOP VIEW

HWY:



SIDE VIEW

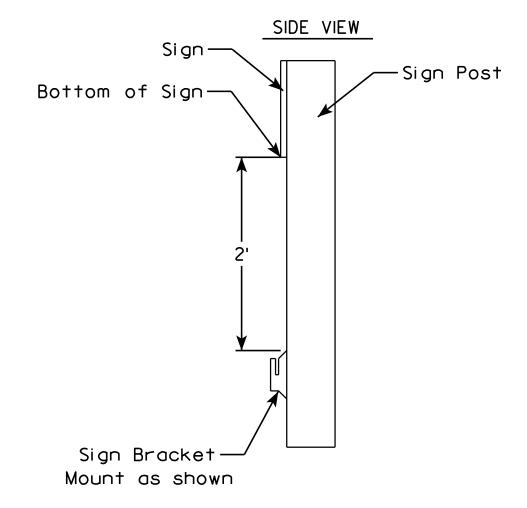


END VIEW **←** 2" →

COUNTY:

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 $\frac{1}{8}$ " radii.
- 5. Shall not have unrounded and uncoated metaledges which can contact the back surface of the roll-up sign.
- 6. Top of bracket shall be mounted 2' below the bottom of the 155-56 sign.
- 7. Cost of bracket and fastening hardware shall be incidental to the 155-56 sign.



ROLLUP SIGN BRACKET I55-56B

WISCONSIN DEPT OF TRANSPORTATION APPROVED

SHEET NO:

for State Traffic Engineer DATE 2/5/10 PLATE NO. 155-56B.1

PLOT NAME :

PLOT SCALE: 1.986348:1.000000

FILE NAME : C:\Users\PROJECTS\tr_stdplate\I5556B.DGN

PROJECT NO:

PLOT DATE: 01-MAR-2010 15:34

PLOT BY : ditjph

- Sign is Type II see Note 7 reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

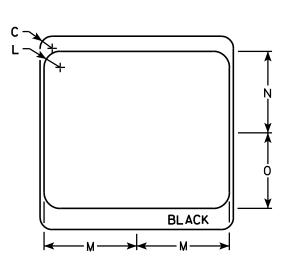
Background - White & Black - See Note 7 Message - Black

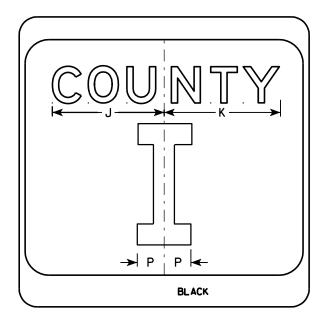
- 3. Message Series see Note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Message Series E for 1 letter.

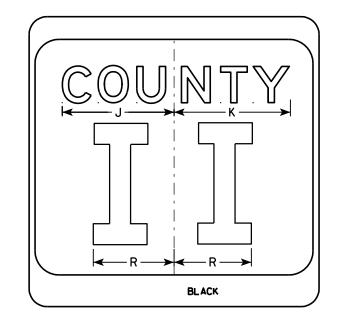
 Message Series D for 2 letters unless
 message is too big then Series C.

 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







PLOT NAME :

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	0	R	S	Т	U	V	W	Х	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 %									4.0
3	36		2 1/4			16	4	7 %	5 %	12 1/4	12 1/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 %	5 %	12 1/4	12 1/8	3	17 1/8	15 1/4	14	3 %		10									9.0
5	36		2 1/4			16	4	7 5/8	5 %	12 1/4	12 1/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
DDO	IECT	NO.					111						COUN	TV.													
FRU	JECT	NO.					HV	V I .						I I .					I								

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

PROVED

Matthew Rauch

Forstate Traffic Engineer

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

DATE 9/27/11

SHEET NO:

BLACK

M1-5A

- 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

BLACK	↑ G → ↑ F → → ↑ → → → → → → → → → →
Metric equivalent for this sign is:	

HWY:

900 mm X 900 mm

5 900 mm X 900 mm

PROJECT NO:

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.	Area m2
1																												
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 %	11 1/2	1	1 1/8	11 1/4	21 1/8											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 1/8	16 1/8	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 1/8	16 1/8	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 1/8	16 1/8	33											9.0	.81
ט ן	26		2 /4			10	0 74	J /4	12 78	3 78	12 78	11 /8	1 /2	² /8	10 /8	33		<u> </u>										9.0

COUNTY:

STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

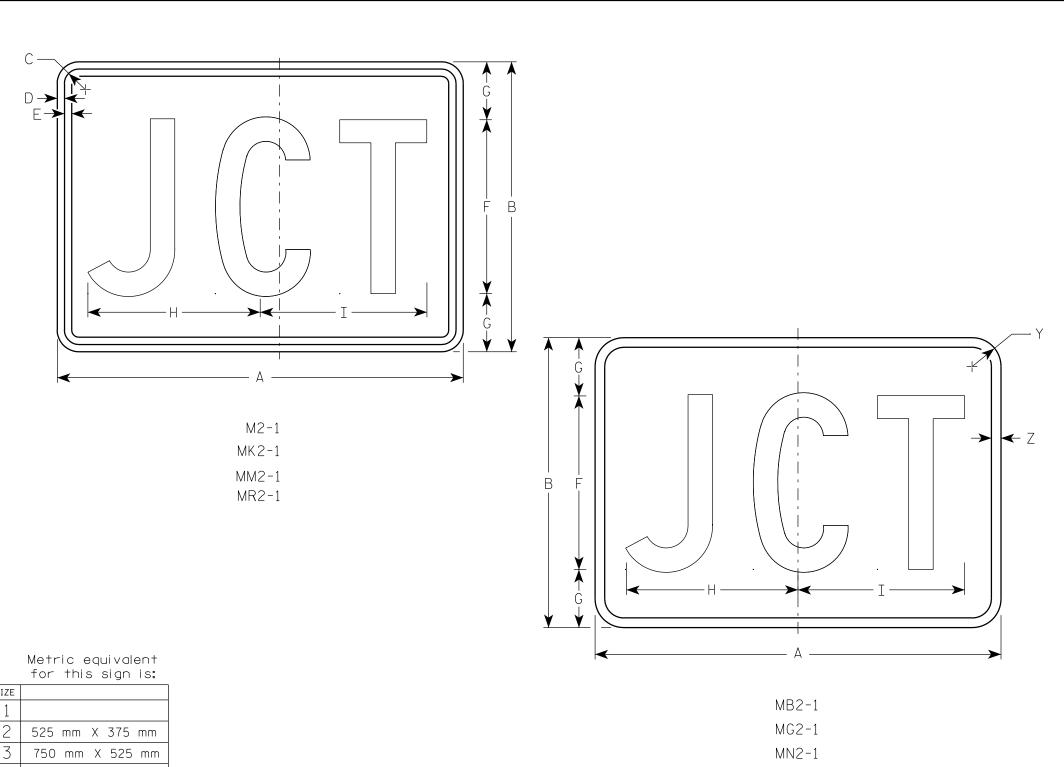
APPROVED

The state Traffic Engineer

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

SHEET NO:

PLOT NAME :



- 1. Sign is Type II See Note 5 reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - See note 5 Message - See note 5

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. M2-1 Background White Type H Reflective (Detour or temporary Signs - Reflective) Message - Black
 - MB2-1 Background Blue Message - White - Type H Reflective (Detour or temporary Signs - Reflective)
 - MG2-1 Background Green Message - White - Type H Reflective
 - MK2-1 Background Green Message - White - Type H Reflective
 - MM2-1 Background White Type H Reflective Message - Green
 - MN2-1 Background Brown Message - White - Type H Reflective
 - MR2-1 Background Brown Message - Yellow - Type H Reflective

750 mm X 525 mm 750 mm X 525 mm

PROJECT NO:

SIZE	Ξ.	А	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.	Area m2
1																													
2	2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 %																1 1/2	1/2	2.20	0.20
3	3	30	21	1 1/8	3/8	3/8	13	4	12 1/8	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 1/8	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 1/8	12 3/8																1 1/2	1/2	4.40	0.20

COUNTY:

STANDARD SIGN

M2 - 1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

 f_{or} State Traffic Engineer

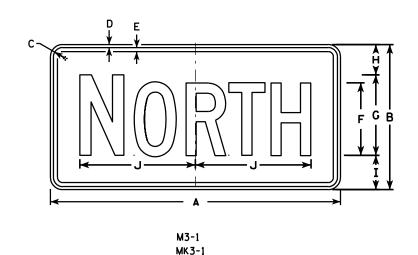
DATE 3/16/10

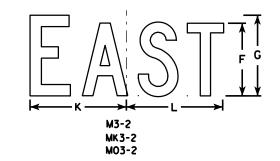
PLATE NO. M2-1.10 SHEET NO:

WISDOT/CADDS SHEET 42

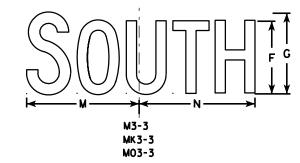
PLOT NAME : PLOT DATE: 16-MAR-2010 09:49 PLOT SCALE: 4.965868:1.000000 PLOT BY: dotsja

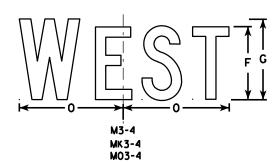
HWY:



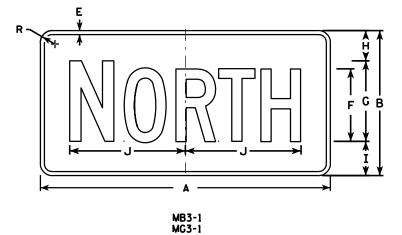


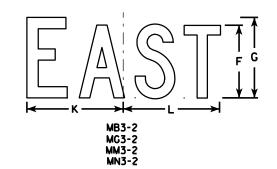
MO3-1





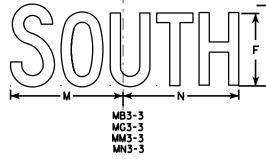
HWY:

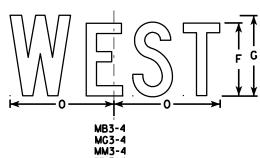




MM3-1

MN3-1





<u>NOTES</u>

- 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	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	כ	٧	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 1/8	8 3/8	10 1/4	9 ¾	8 ¾			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

COUNTY:

STANDARD SIGNS M3-1 thur M3-4 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

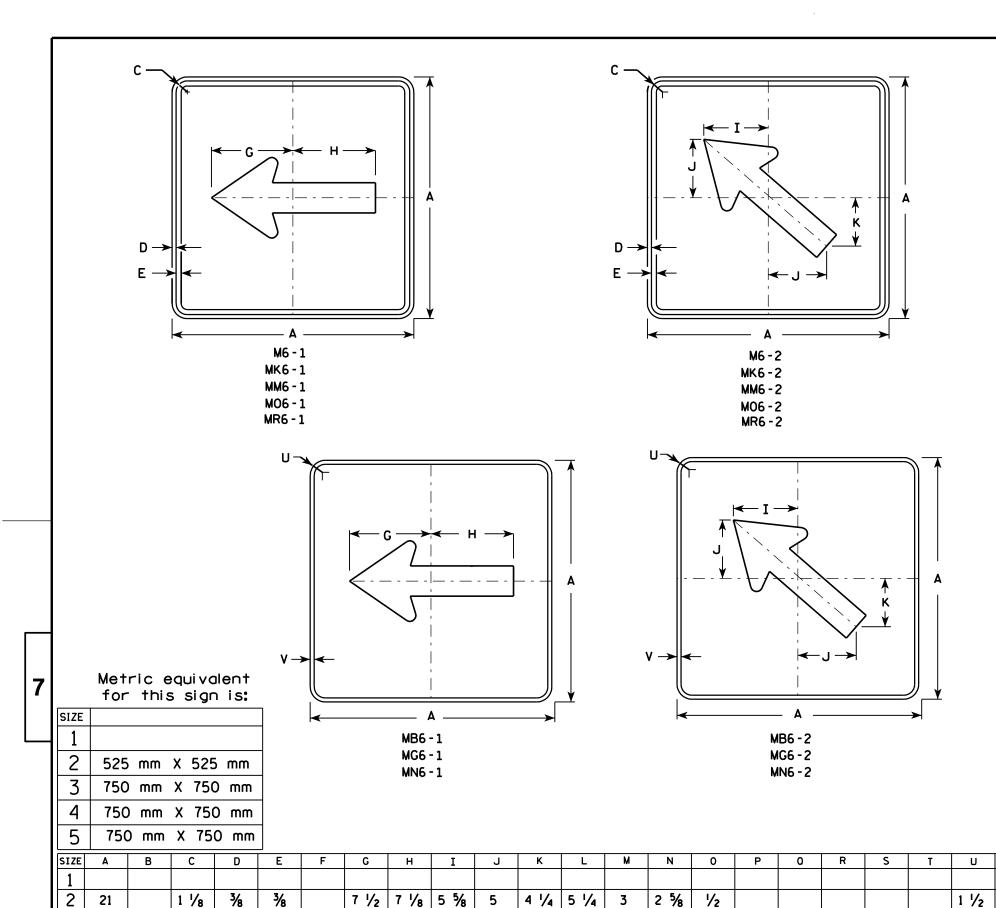
For State Traffic Engineer

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

SHEET NO: E

PROJECT NO:

PLOT NAME :



- 1. Signs are Type II See Note 4 reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - See note 4 Message - See note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. M6-1 and M6-2 Background White Type H Reflective
 (Detour or temporary Signs Reflective)
 Message Black
 - MB6-1 and MB6-2 Background Blue

 Message White Type H Reflective

 (Detour or temporary Signs 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
- M06-1 and M06-2 Background Orange Reflective Message - Black

Area Area sq. ft. m2

6.25 0.56

0.28

0.56

0.56

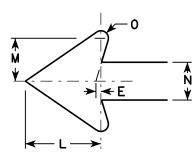
3.06

6.25

6.25

MR6-1 and MR6-2 Background - Brown

Message - Yellow - Type H Reflective



1/2

1/2

1/2

1 1/8

1 %

1 %

PLOT BY: dotsja

STANDARD	SIGN
M6-1 & N	16 - 2
SERIE	ES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

for State Traffic Engineer

DATE 3/16/10 PLATE NO. M6-1.12

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\M61.DGN

1 3/8

1 3/8

1 3/8

1/2

1/2

1/2

5/8

5/8

10 3/4 10 1/4 8

10 3/4 10 1/4 8

10 3/4 10 1/4 8

HWY:

7 1/4

7 1/4

7 1/4

6

6

7 1/2

7 1/2

4 1/4 3 3/4

4 1/4 3 3/4

COUNTY:

7 1/2 4 1/4 3 3/4

3

4

5

30

30

30

PROJECT NO:

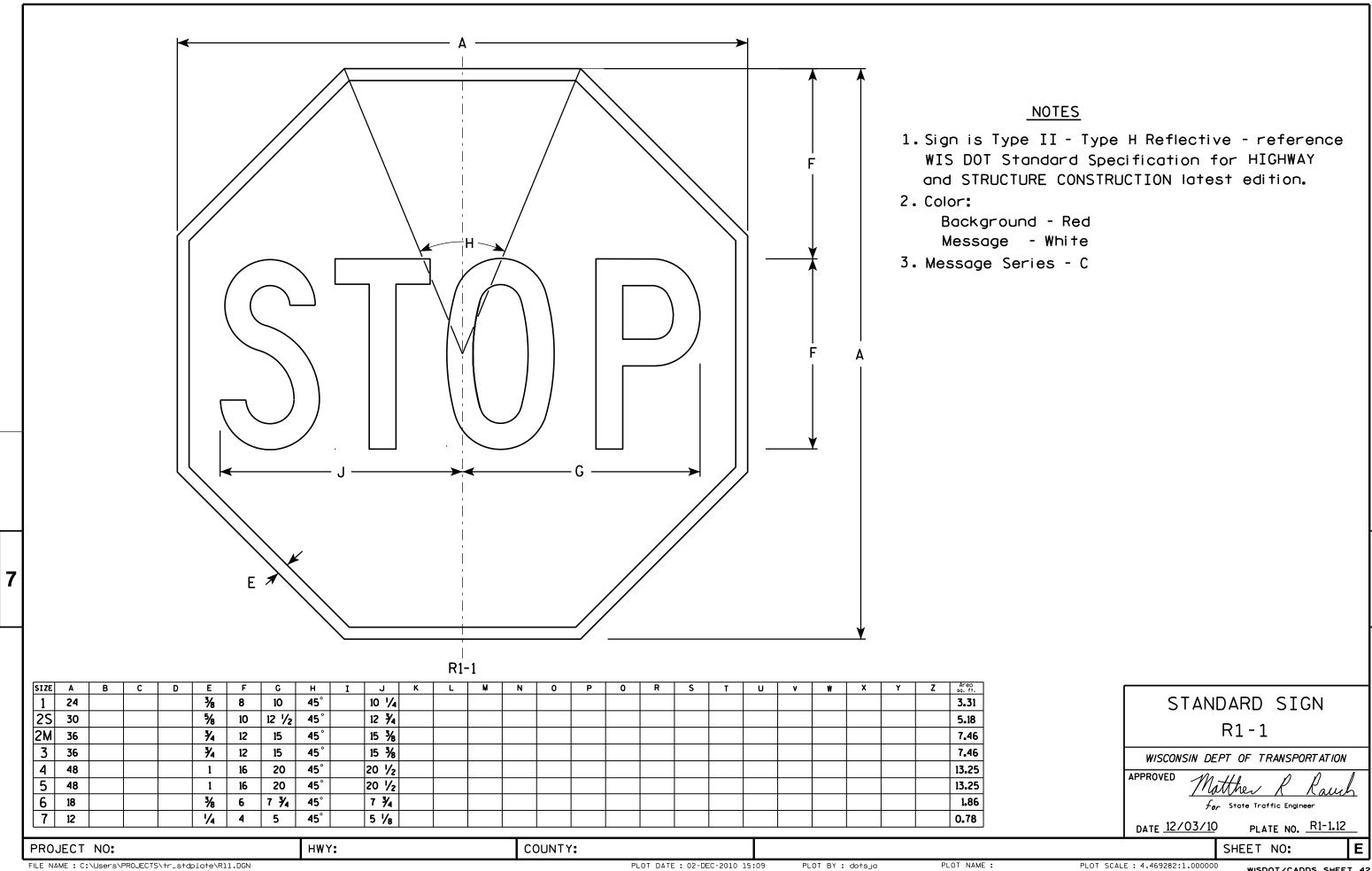
PLOT DATE: 16-MAR-2010 09:58

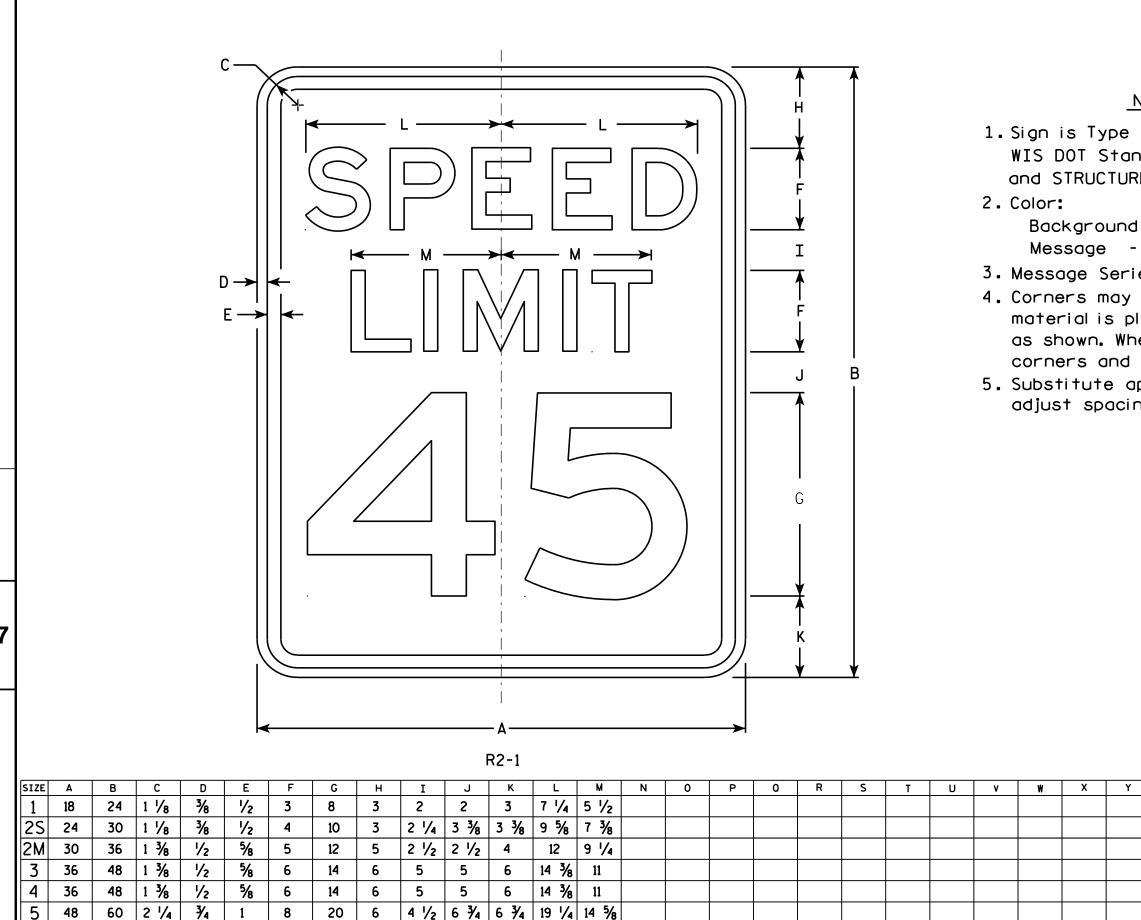
3/4

3/4

PLOT NAME :

PLOT SCALE: 11.918087:1.000000





COUNTY:

NOTES

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

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.

3.0

5.0

7.5

12.0

12.0

20.0

STANDARD SIGN R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matther R Raus

For State Traffic Engineer DATE <u>5/26/1</u>0 PLATE NO. R2-1.13

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R21.DGN

PROJECT NO:

HWY:

PLOT DATE: 28-MAY-2010 08:32

PLOT BY : ditjph

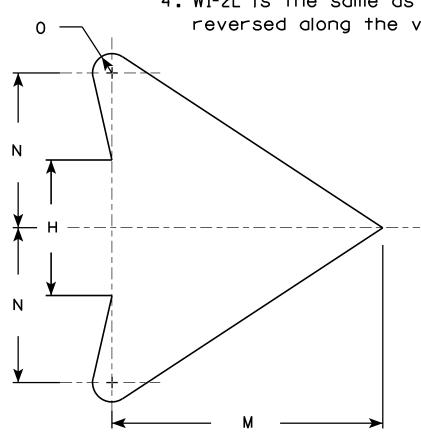
PLOT NAME :

PLOT SCALE: 4.717577:1.000000

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

Background - Yellow Message - Black

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



ARROW	DETAIL

								W:	1-2R															<u> </u>	<u>-</u>		
SIZE	Α	В	С	D	E	F	G	н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	v	W	x	Y	Z	Areo sq. ft.
1	24		1 1/8	3⁄8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
2S	30		1 3/8	1/2	5/8		10 1/4	4 3/8	5 %	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		1 1/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 %	3 1/2	10 1/8	10 1/2	6	3/4												9.0
3	36		1 %	5/8	3/4		12 3/8	5 1/4	6 3/4	2 %	3 1/2	10 1/8	10 1/2	6	3/4												9.0
4	36		1 5/8	5/8	₹4		12 3/8	5 1/4	6 3/4	2 %	3 1/2	10 1/8	10 1/2	6	3/4												9.0
5	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 %	14 1/2	14	8	1												16.0

COUNTY:

STANDARD SIGN W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rawh

DATE <u>5/15/12</u>

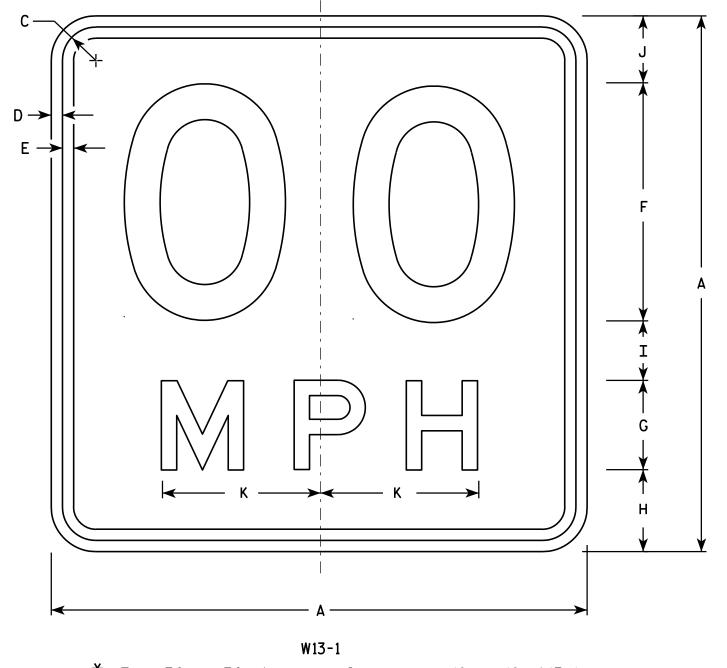
PLATE NO. W1-2.10

SHEET NO:

PROJECT NO:

← H →

HWY:



- 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

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

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	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 %																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 1/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 %																9.00
5	36		1 %	5/8	3/4	16	6	5 1/2	4	4 1/2	10 %																9.00

STANDARD SIGN W13-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew N

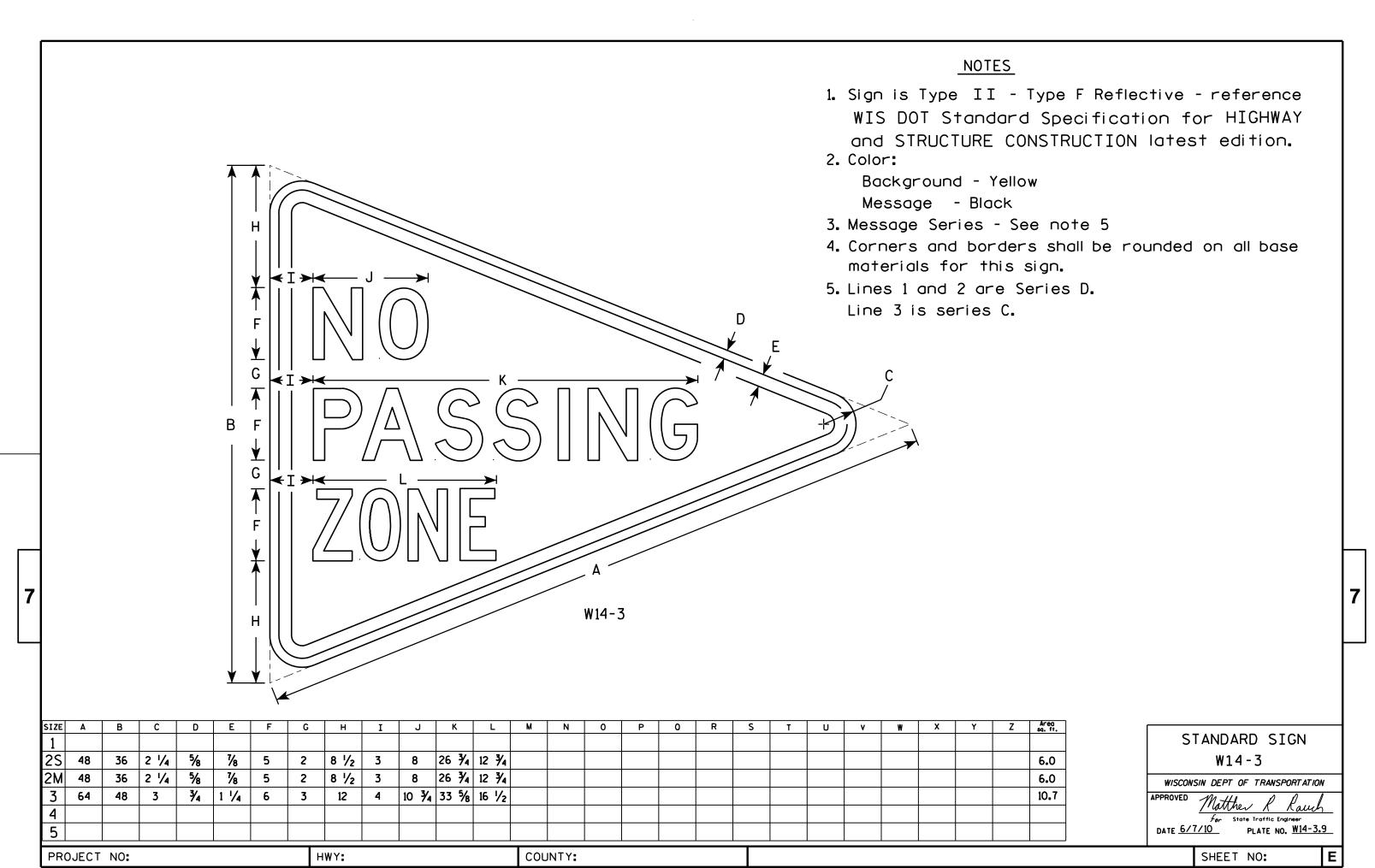
For State Traffic Engineer

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

SHEET NO:

PLOT BY: mscsja

PLOT NAME :



FILE NAME : C:\Users\PROJECTS\tr_stdplate\W143.DGN

PLOT DATE: 07-JUN-2010 13:11

PLOT BY: ditjph

PLOT NAME :

PLOT SCALE: 5.710749:1.000000

- 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.

c —	A A
	G
	<u>↓</u> ★ B
N + H - H	
A	
W1-6	

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	W	Х	Y	Z	Areo sq. ft.
1	36	18	1 1/8	3∕8	3/8		9	10	3/4	5 %	4 3/4	2 3/8	14 %	29 1/4													4.5
25	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 ¾													12.5
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 ¾													12.5
5	96	48	2 1/4	3/4	1		24	26 1/2	2	15	13	6 1/2	39	78													32.0

COUNTY:

STANDARD SIGN W1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Ma

For State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-6.8

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W16.DGN

HWY:

PROJECT NO:

PLOT DATE: 07-JUN-2010 10:37

PLOT BY : ditjph

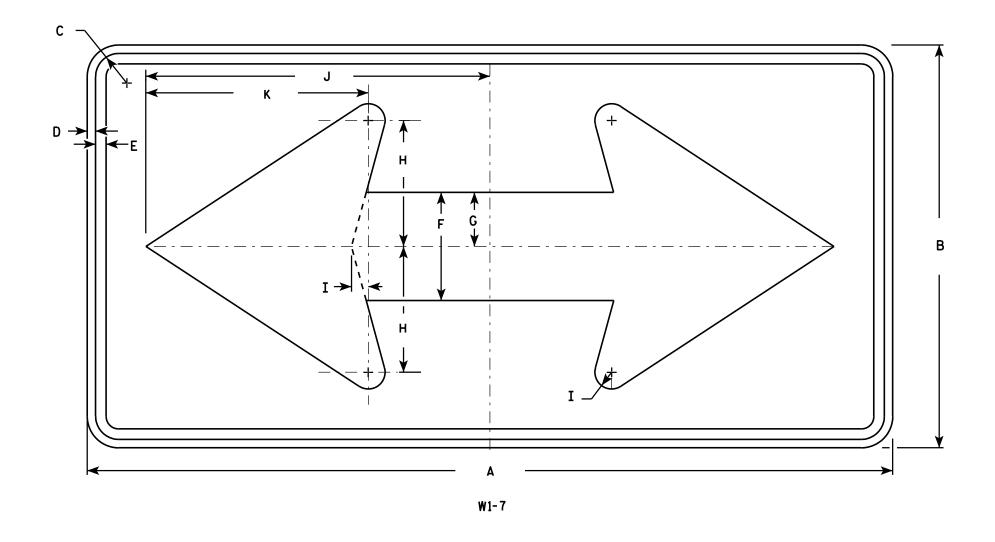
PLOT NAME :

PLOT SCALE: 5.959043:1.000000

- 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	Α	В	С	D	Е	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	-	٧	W	Х	Y	Z	Area sq. ft.
1	36	18	1 1/8	3⁄8	1/2	5	2 1/2	5 ¾	₹4	15 %	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	16 1/4																12.5
4	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 ¾	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

COUNTY:

STANDARD SIGN W1-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Law

For State Traffic Engineer

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

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W17.DGN

PROJECT NO:

HWY:

PLOT DATE: 07-JUN-2010 12:35

PLOT BY : ditjph

PLOT NAME :

PLOT SCALE: 5.720679:1.000000

- 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.

A F	G ↑ H → D D D D D D D D D D D D D D D D D D

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	₩	Х	Y	Z	Areo sq. fi.
1	24		1 1/8	3∕8	1/2	20	2	4	10	8																	4.0
25	30		1 3/8	1/2	5/8	25	2 1/2	5	12 1/2	10																	6.25
2M	30		1 3/8	1/2	5/8	25	2 1/2	5	12 1/2	10																	6.25
3	36		1 %	5/8	3/4	30	3	6	15	12																	9.0
4	48		2 1/4	3/4	1	40	4	8	20	16																	16.0
5																											

COUNTY:

STANDARD SIGN W2-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rauch For State Traffic Engineer

DATE 5/29/12

PLATE NO. <u>W2-2.6</u>

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W22.DGN

PROJECT NO:

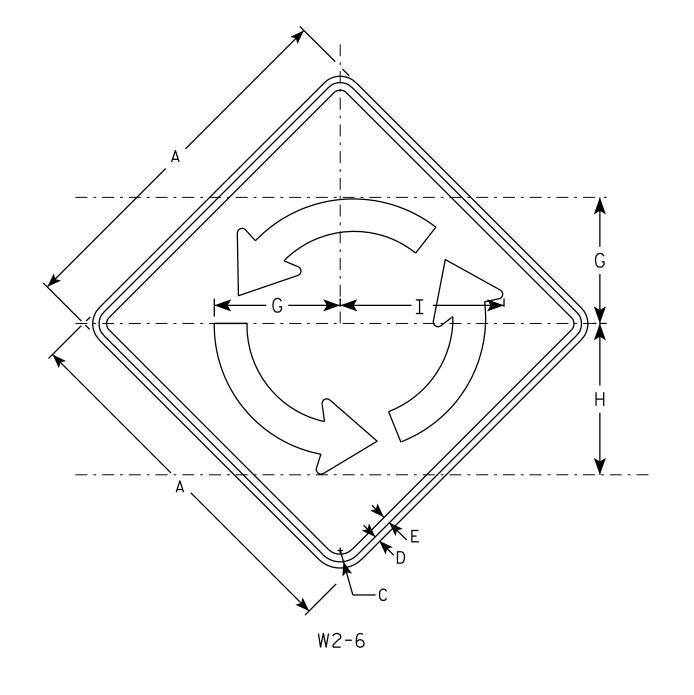
HWY:

PLOT DATE: 29-MAY-2012 10:18

PLOT BY: mscsja

PLOT NAME :

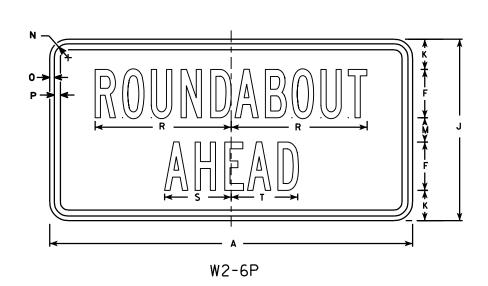
PLOT SCALE: 6.202372:1.000000



- 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
Α	В	С	D	Е	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	W	X	Area sq. ft.	Area sq. ft.
30		1 3/8	1/2	5/8	4	10 3/8	12 1/2	13 ½	15	2 1/2		2	1 1/8	3/8	1/2		11 1/4	5 ½	5 ½					6.25	3.12
30		1 3/8	1/2	5/8	4	10 3/8	12 1/2	13 ½	15	2 1/2		2	1 1/8	3∕8	1/2		11 1/4	5 ½	5 ½					6.25	3.12
36		1 %	5/8	3/4	5	12 1/2	15	16 1/4	18	2 %		2 3/4	1 1/8	3/8	1/2		14	7	6 3/4					9.00	4.50
48		2 1/4	₹4	1	6	16 %	20	16 1/4	24	4 3/8		3 %	1 3/8	1/2	5/8		17	8 1/4	8 1/4					16.0	8.0
	30 36	30 36	30 1 3/8 36 1 5/8	30 1 3/8 1/2 36 1 5/8 5/8	30 1 3/8 1/2 5/8 36 1 5/8 5/8 3/4	30 1 3/8 1/2 5/8 4 36 1 5/8 5/8 3/4 5	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	A B C D E F G H I J K L M N O P O R S T U V W X 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 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 30 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	A B C D E F G H I J K L M N O P O R S T U V W X \$\frac{Areq}{62.47}\$. 30 1 \frac{3}{8} \frac{1}{2} \frac{5}{8} 4 10 \frac{3}{8} 12 \frac{1}{2} 13 \frac{1}{2} 15 2 \frac{1}{2} 2 1 \frac{1}{8} \frac{3}{8} \frac{1}{2} 11 \frac{1}{8} 5 \frac{5}{2} 5 \frac{1}{2} 5 1

STANDARD SIGN W2 - 6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

for State Traffic Engineer

DATE <u>6/29/12</u>

PLATE NO. <u>W2-6.5</u>

SHEET NO:

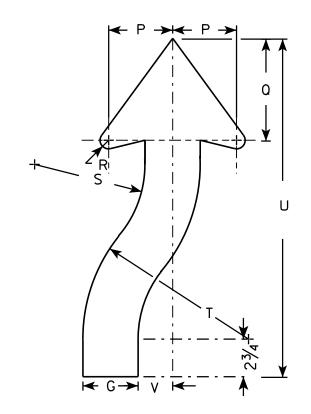
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W26.DGN

PROJECT NO:

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

Background - Yellow Message - Black

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. W6-2 same as W6-1 but is rotated 180° when mounted.



ARROW DETAIL

PLOT NAME :

SIZE	Α	В	С	D	Е	F	G	Ι	I	J	K	L	M	N	0	Р	0	R	S	Т	U	V	₩	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		3 1/4	8	8 1/4	4 1/8	7 1/8	25	1 3/4	11 %	4 1/8	3 %	6 3/4	5/8	6 %	9 1/8	21 %	2					6.25
2S	36		1 %	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 %	7 3/8	7 ⁄8	8	12	24 1/2	2 1/2					9.0
2M	36		1 %	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7 ⁄8	8	12	24 1/2	2 1/2					9.0
3																											
4	48		2 1/4	3/4	1		5 3/8	11 %	13 %	6 3/8	12 %	40	2 %	18 %	6 %	6 1/4	9 1/8	1 1/4	10 %	16	32 %	3 3/8					16.0
5	48		2 1/4	3/4	1		5 3/8	11 %	13 %	6 3/8	12 %	40	2 %	18 %	6 %	6 1/4	9 1/8	1 1/4	10 %	16	32 %	3 3/8					16.0

COUNTY:

STANDARD SIGN W6-1 & W6-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauh

For State Traffic Engineer

(22/11 PLATE NO. W6-1.13

DATE 3/22/11

SHEET NO:

PROJECT NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W61.DGN

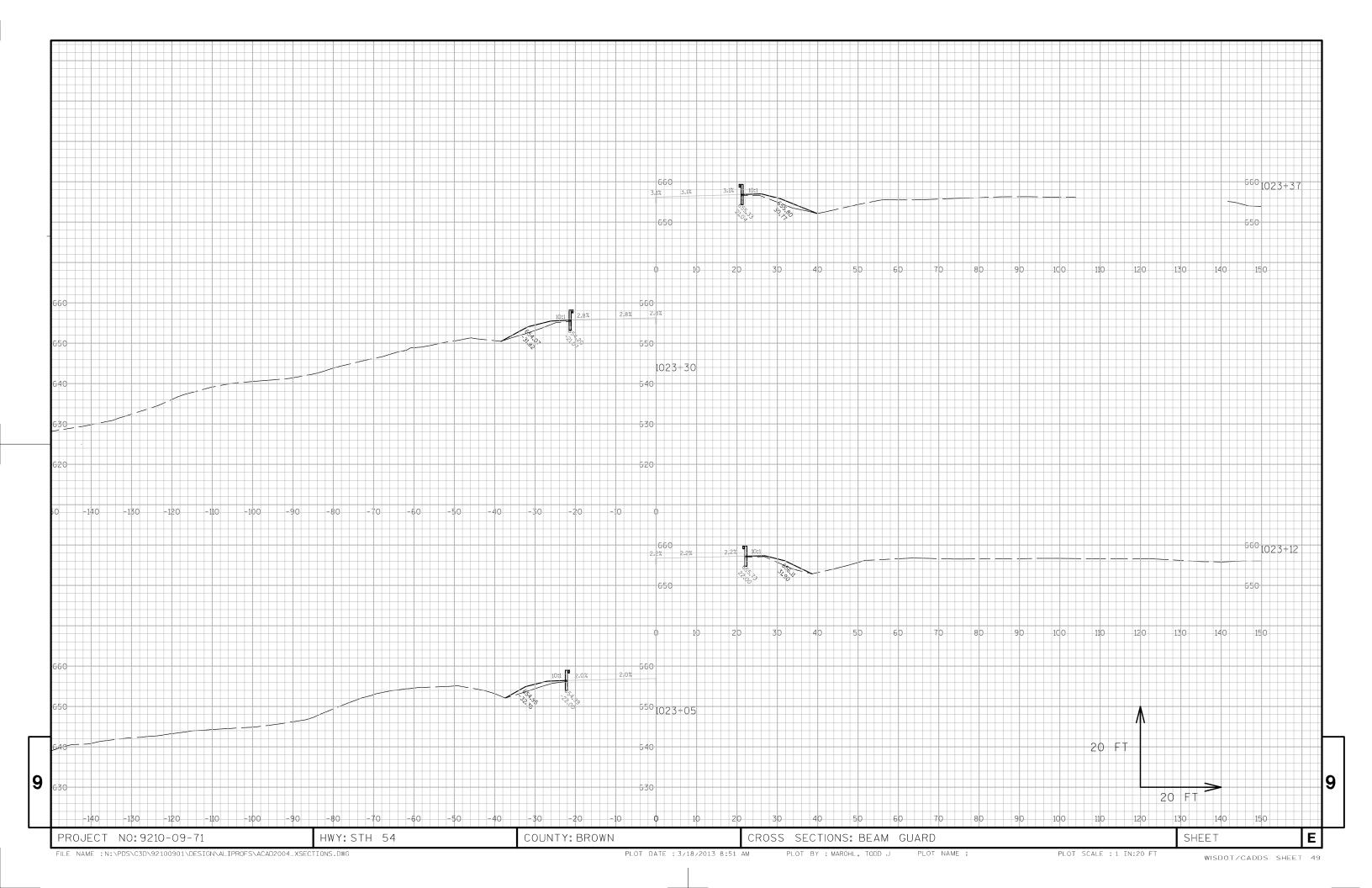
HWY:

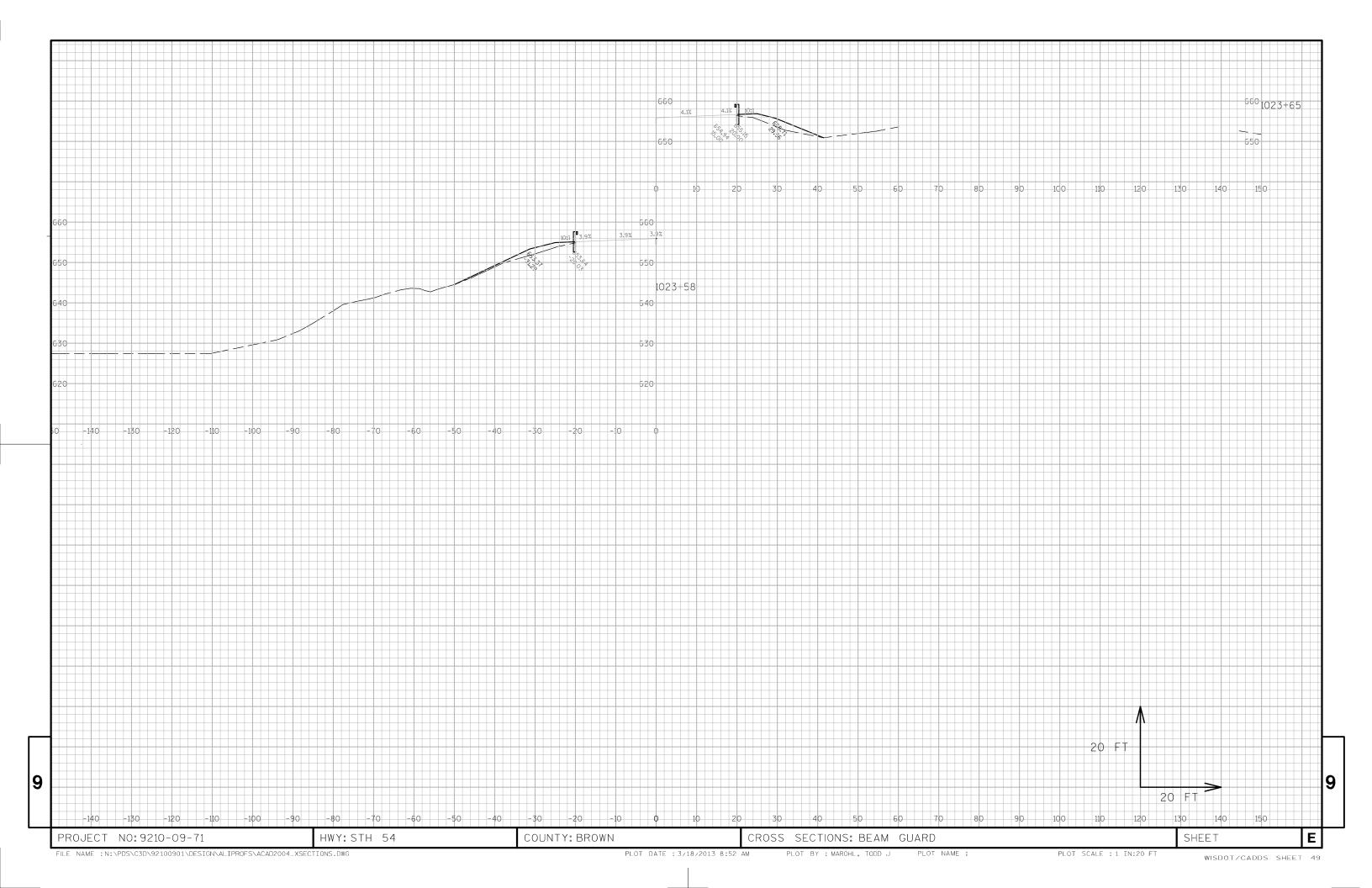
PLOT DATE: 22-MAR-2011 13:21

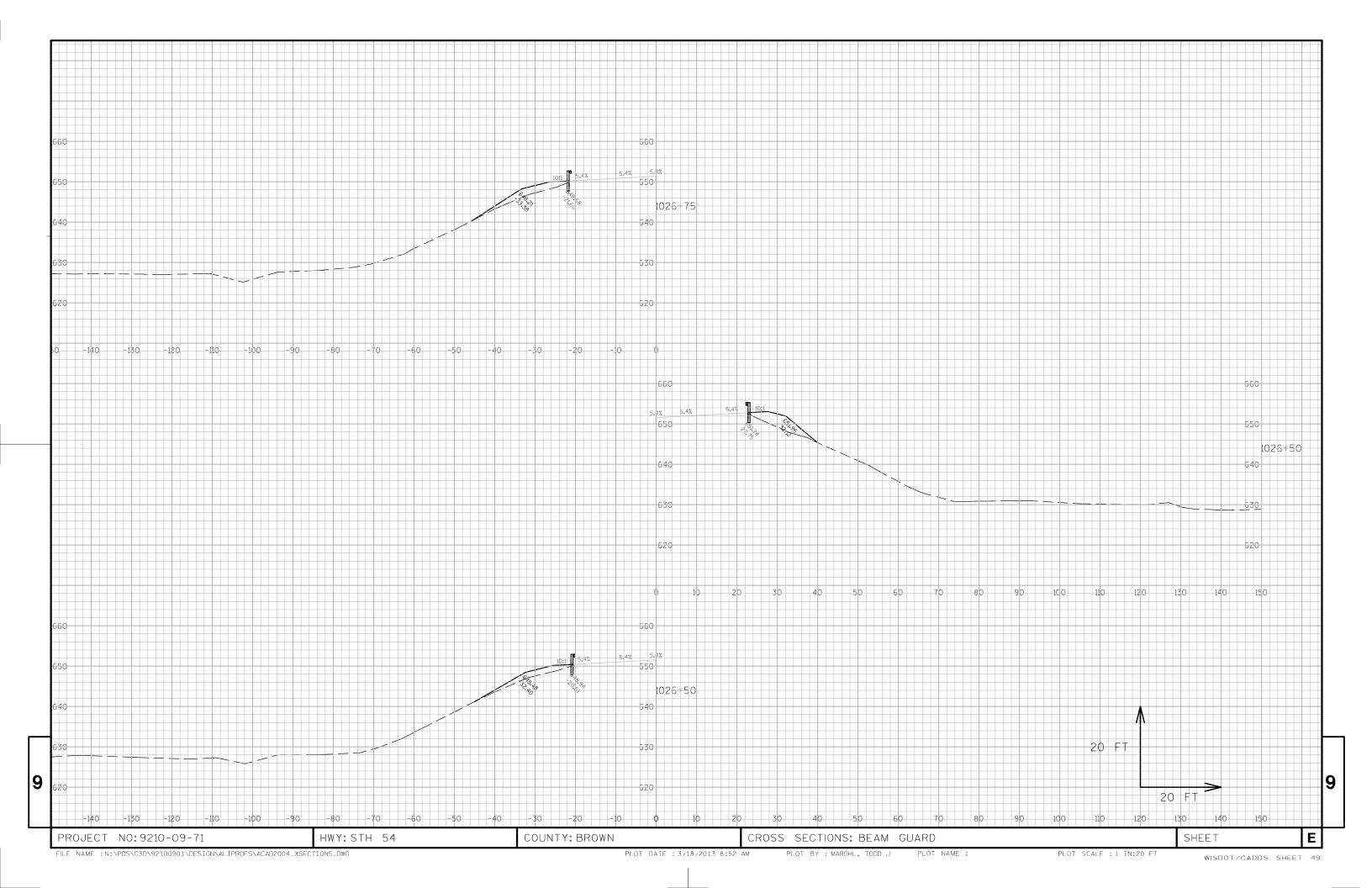
PLOT BY: mscj9h

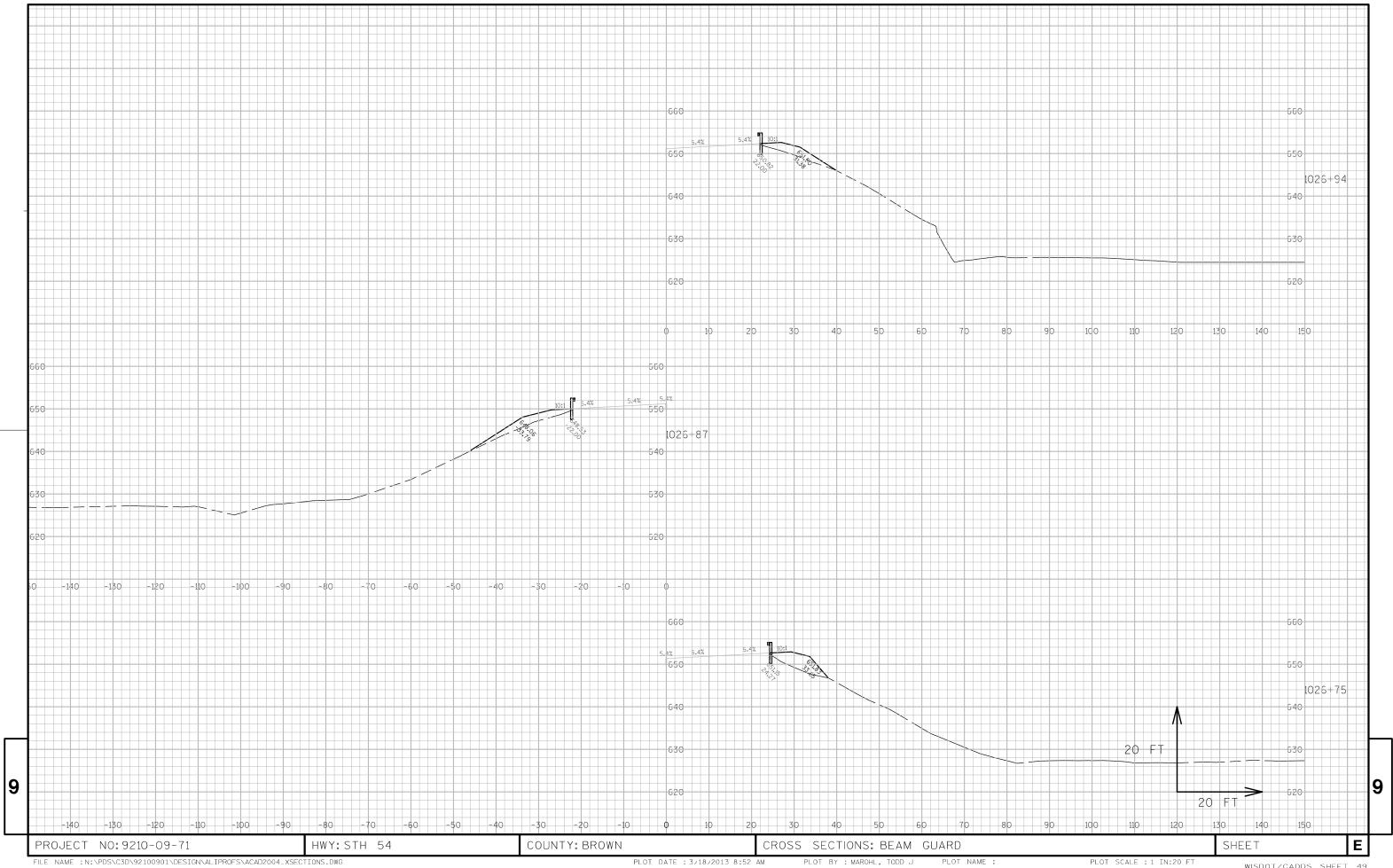
PLOT SCA

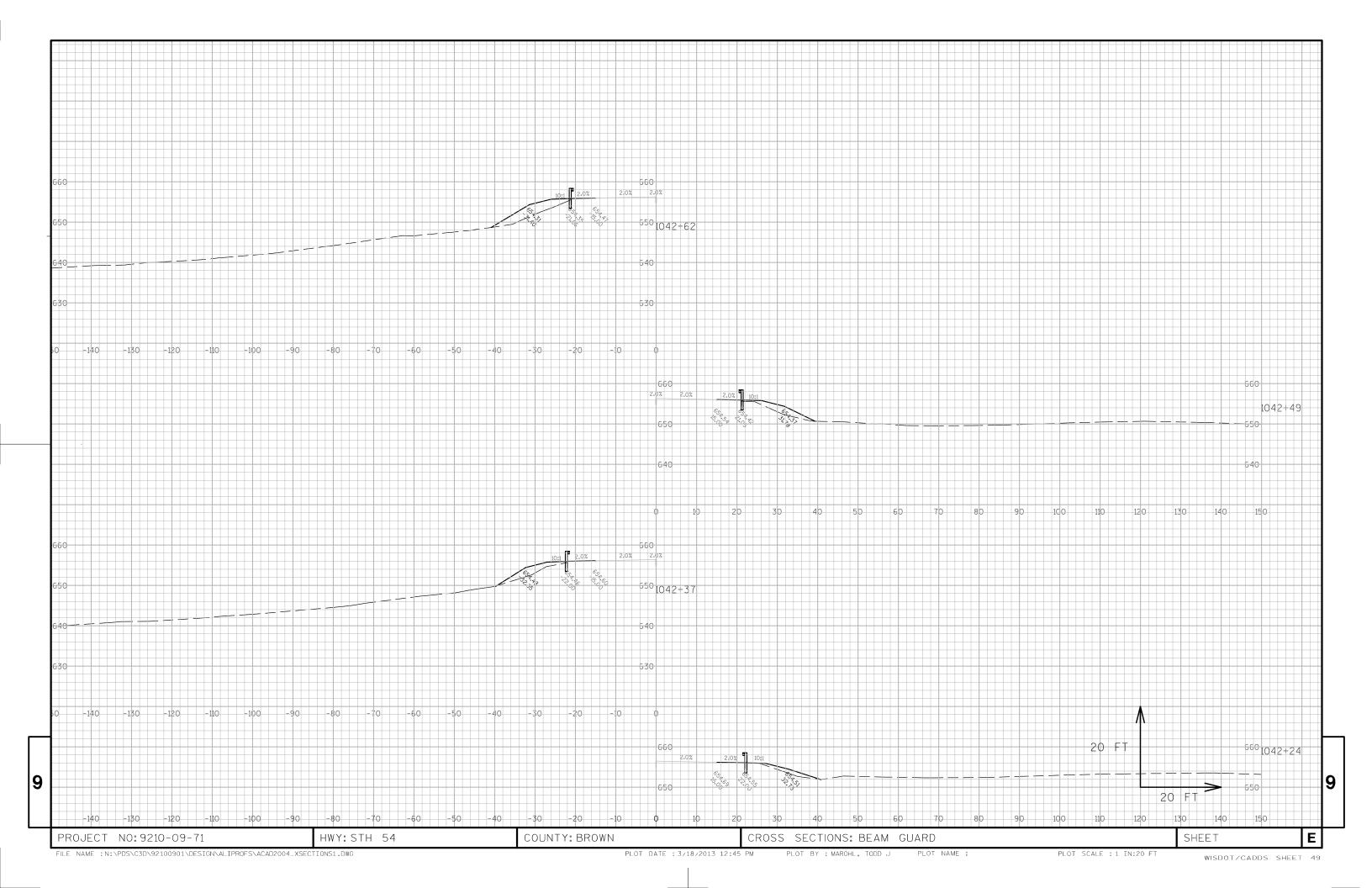
PLOT SCALE: 6.952219:1.000000

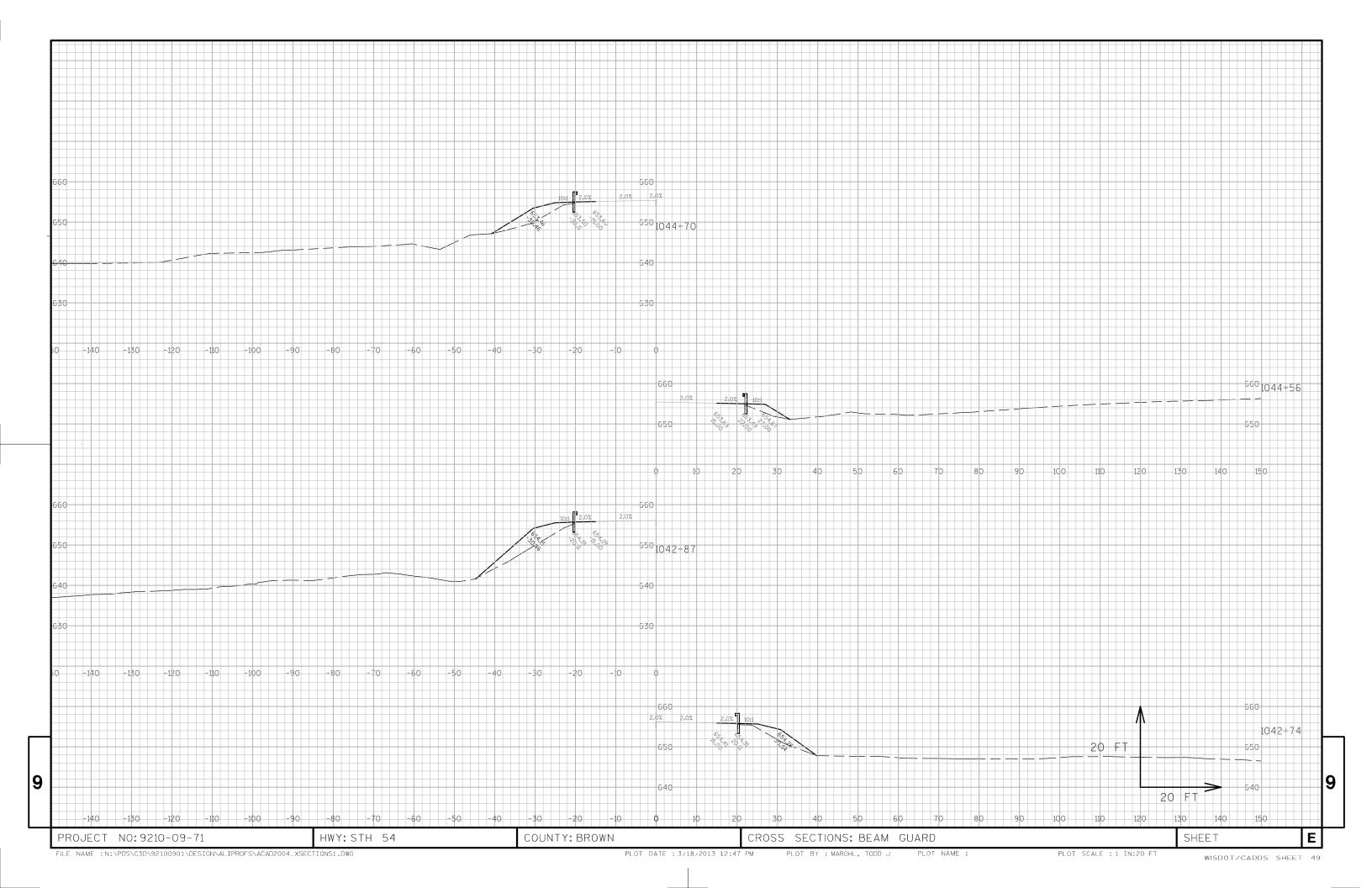


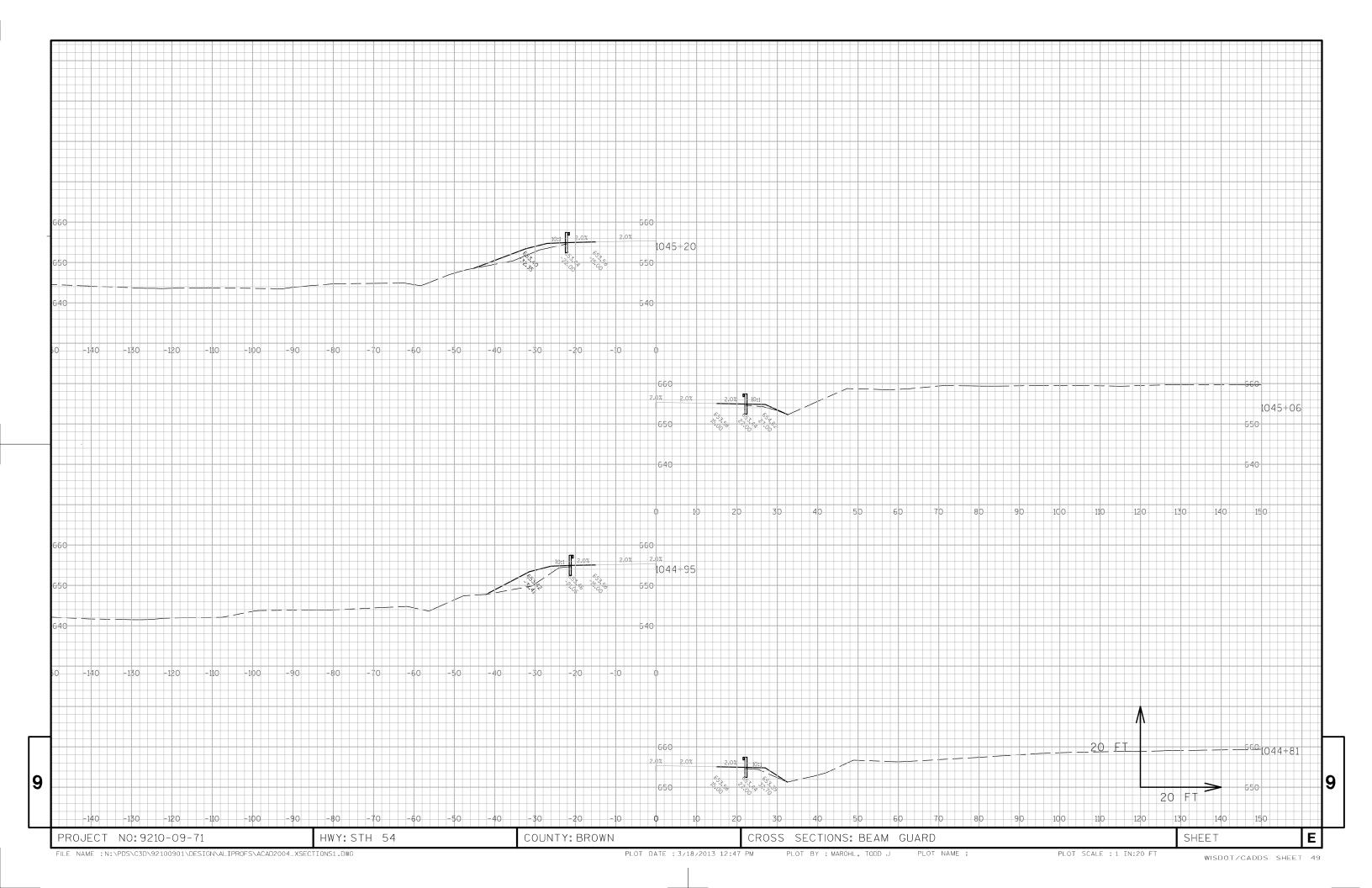














Wisconsin Department of Transportation

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