DAMS

WIS MAY 2016

ORDER OF SHEETS

Section No. 1 Section No. 2 Typical Sections and Details Section No. 3 Estimate of Quantities Section No. 3 Miscellaneous Quantities Right of Way Plat

Plan and Profile Section No. 5 Standard Detail Drawings Section No. 6 Section No. 7 Sign Plates

Cross Sections Section No. 9

TOTAL SHEETS = 102

DESIGN DESIGNATION

A.A.D.T. 2018 = 6400 D.H.V. = 5.0% D.D. = 60-40 = 5.0% = 55 MPH DESIGN SPEED **ESALS**

CONVENTIONAL SYMBOLS

CORPORATE LIMITS //////// PROPERTY 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

MARSH OR ROCK PROFILE (To be noted as such) SPECIAL DITCH GRADE ELEVATION CULVERT (Profile View) UTILITIES ELECTRIC FIBER OPTIC SANITARY SEWER STORM SEWER TELEPHONE WATER UTILITY PEDESTAL

POWER POLE

TELEPHONE POLE

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PROFILE

GRADE LINE

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

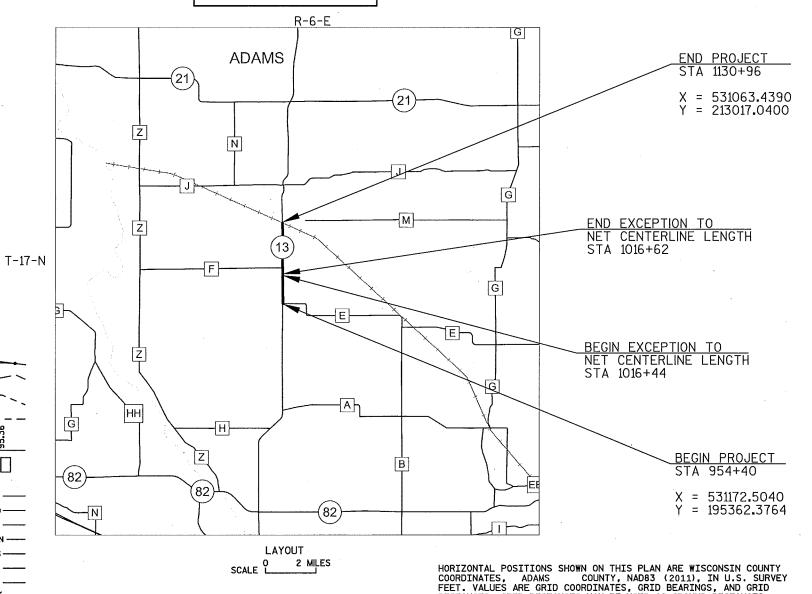
PLAN OF PROPOSED IMPROVEMENT

WISCONSIN DELLS - ADAMS

CTH E TO UNION PACIFIC RAILROAD

STH 13 ADAMS COUNTY

STATE PROJECT NUMBER 6140-01-72



STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT

CONTRACT

PROJECT

STATE PROJECT

6140-01-72

PREPARED BY NC REGION Surveyor REBECCA OLSEN Designer TIMOTHY HANLEY Project Manager CHERYL SIMON MICHAEL KRETSCHMER

FILE NAME : N:\PDS\C3D\61400102\SHEETSPLAN\010101_TI.DWG

PLOT DATE : 1/26/2016 1:05 PM

TOTAL NET LENGTH OF CENTERLINE = 3.341

PLOT BY : OLSEN, REBECCA J PLOT NAME :

DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

GENERAL NOTES

WHEN THE QUANTITY OF THE ITEMS OF BASE AGGREGATE, SUBBASE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYERS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

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

PURSUANT TO CHAPTER 59 OF THE WISCONSIN STATUTES. THE CONTRACTOR SHALL CAREFULLY MAKE A SEARCH FOR EVIDENCE OF A LANDMARK IN ALL AREAS WHERE SUCH A LANDMARK MAY EXIST.

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.

ADAMS-COLUMBIA ELECTRIC COOPERATIVE (ELECTRICITY)

401 LAKE STREET P O BOX 70 FRIENDSHIP WI 53934 ATTN: JIM GOODMAN TEL: (800)831-8629 ext 216 jgoodman@acecwi.com

ALLIANT ENERGY - (ELECTRICITY)

4902 N BILTMORE LANE MADISON WI 53718 ATTN: JASON HOGAN TEL: (608)458-4871 CELL: (608)395-7395

jasonhogan@alliantenergy.com

CHARTER COMMUNICATIONS - (COMMUNICATION LINE)

5024 HEFFRON STREET STEVENS POINT WI 54481 ATTN: RUDI RUDIGER TEL: (715)204-5339 rudi.rudiger@charter.com

ADAMS MUNICIPAL (WATER AND SEWER) UTILITIES

101 N MAIN STREET P O BOX 1009 **ADAMS WI 53910** ATTN: ROBERT BERRY TEL: (608)339-3913 CELL: (608)548-2191 adamspws@frontier.com

UTILITIES

MARQUETTE ADAMS TELEPHONE COOP INC (COMMUNICATION LINE)

113 NORTH OXFORD ST P O BOX 45 **OXFOR WI 53952** ATTN: JASON SENGBUSCH TEL: (608)586-7070 CELL: (608)450-0707

jsengbusch@maadtelco.com

WE ENERGIES - (GAS/PETROLEUM)

333 WEST EVERETT STREET ROOM A299 MILWAUKEE WI 53203 ATTN: LATROY BRUMFIELD TEL: (414)221-5617

latroy.brumfield@we-energies.com

WE ENERGIES CONSTRUCTION FIELD CONTACT

1921 8TH STREET SOUTH WISCONSIN RAPIDS WI 54494 ATTN: TRAVIS KAHL

TEL: (715)421-7256 CELL: (715)498-6180

travis.hahl@we-energies.com

WISDNR LIAISON

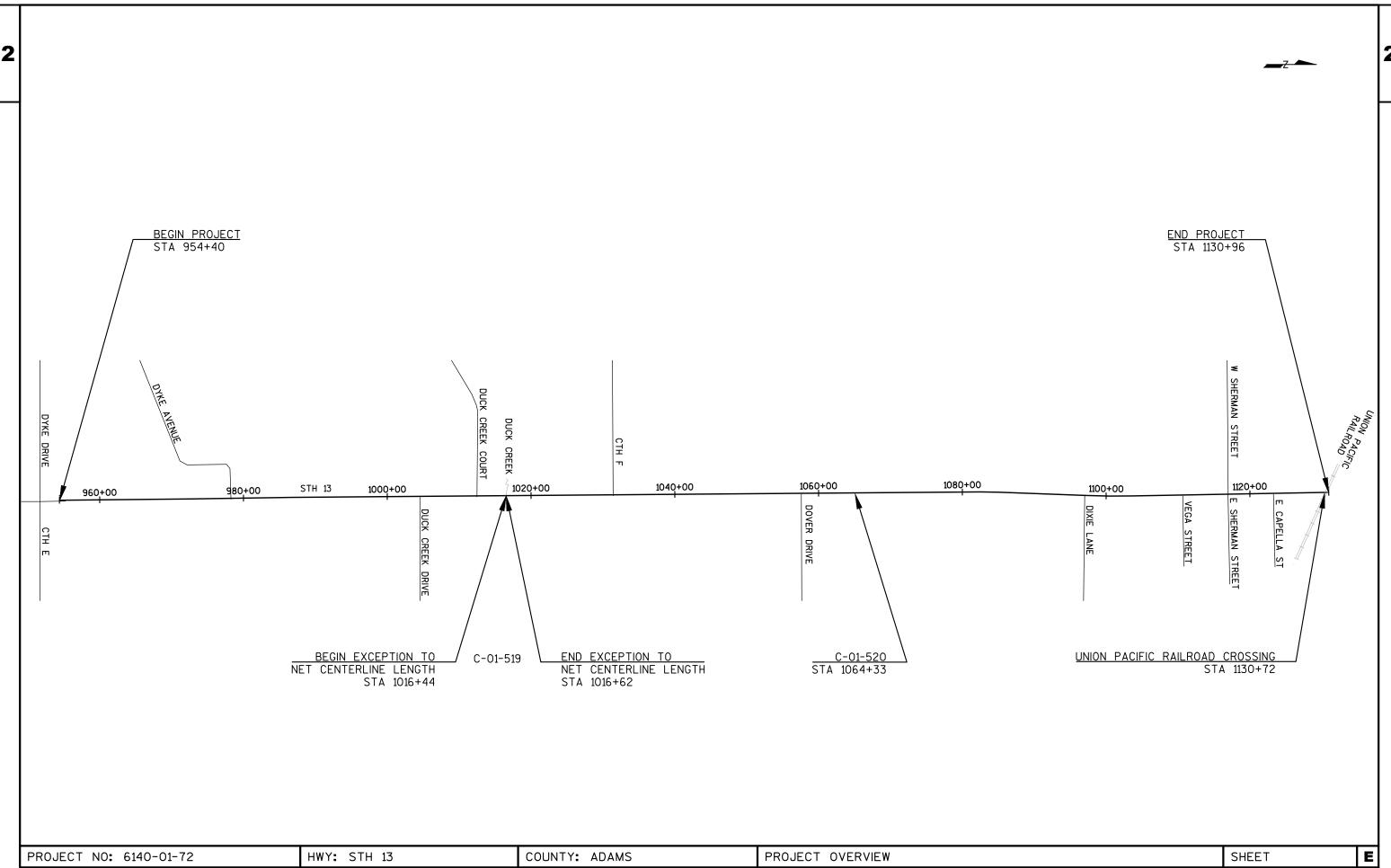
473 GRIFFITH DRIVE WISCONSIN RAPIDS WI 54494 ATTN: MARC HERSHFIELD TEL: (715)421-7867

marc.hershfield@wisconsin.gov

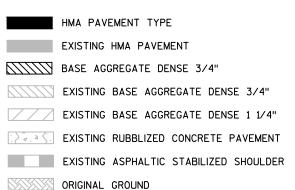


COUNTY: ADAMS Ε HWY: STH 13 **GENERAL NOTES** SHEET: PROJECT NO: 6140-01-72

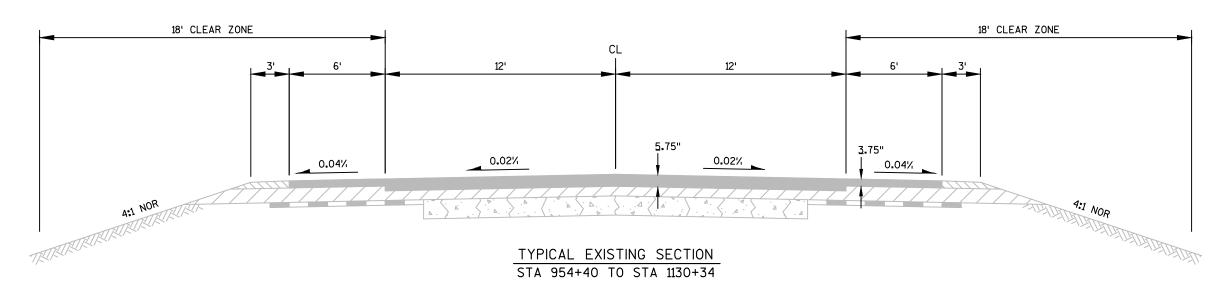
PLOT DATE: 1/7/2015 PLOT BY : RJO FILE NAME: N:\pds\c3d\61400102\Metadata\61400172_gn PLOT SCALE : 1:1

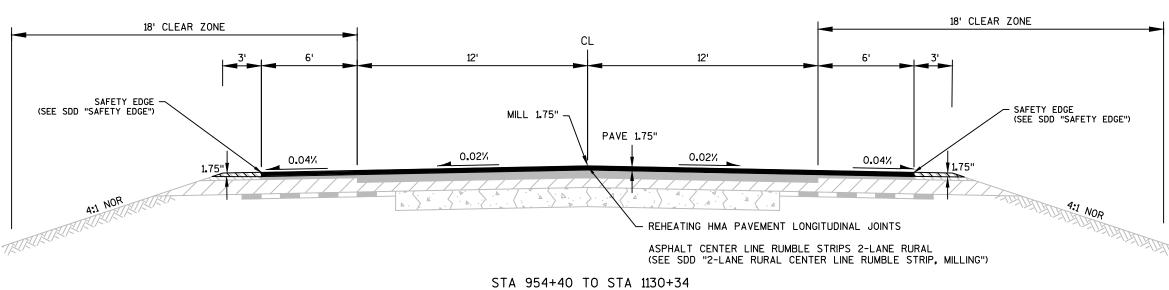






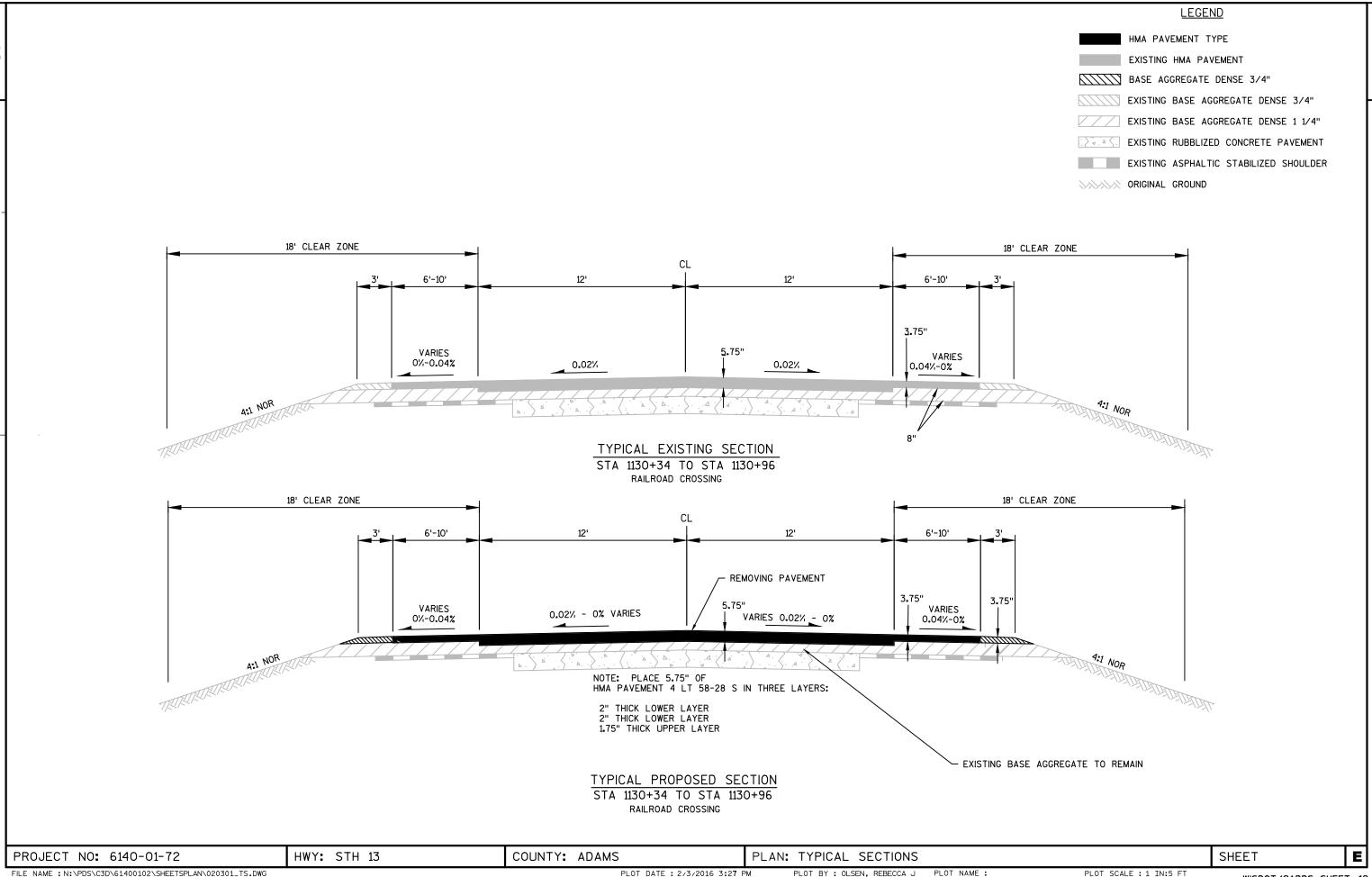
LEGEND

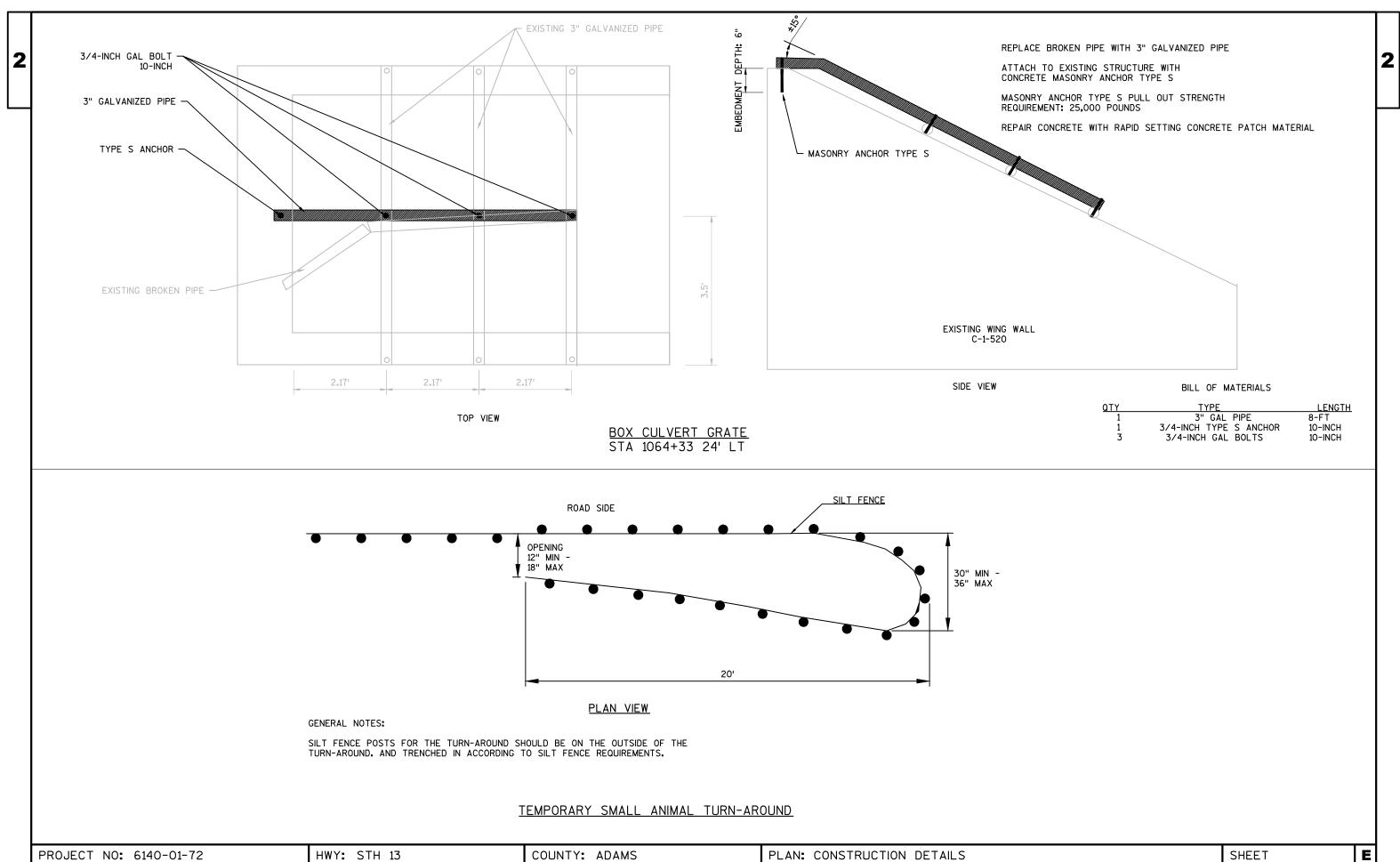


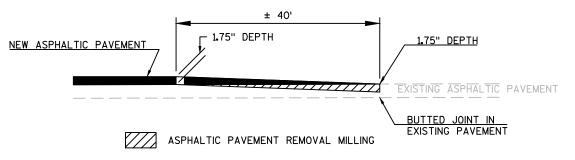


TYPICAL PROPOSED SECTION

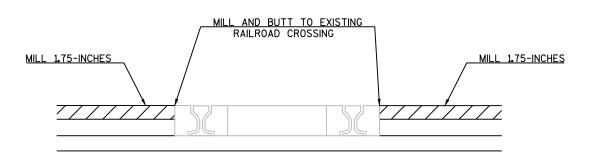
PROJECT NO: 6140-01-72 HWY: STH 13 COUNTY: ADAMS PLAN: TYPICAL SECTIONS SHEET E







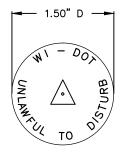
MAINLINE BUTT JOINT



RAILROAD CROSSING PROFILE

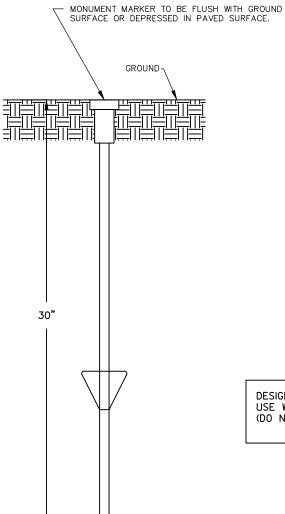
PROJECT NO: 6140-01-72 HWY: STH 13 COUNTY: ADAMS PLAN: CONSTRUCTION DETAILS SHEET





WIS DOT MONUMENT CAP MARKER LOGO (SSDR130)

CONTRACTOR TO ORDER LANDMARK REFERENCE MONUMENTS WITH THE ABOVE STAMPING



- GROUND MAGNE" 2'-6' MIN. BACKFILL COMPACTED IN 6-INCH MAX. LAYERS. BREAK-OFF — MAGNET MIN. (SIDE VIEW) OUTSIDE OF PAVEMENT BERNTSEN A1BR30 ALUMINUM BREAK-OFF MONUMENT

SECTION CORNER LOCATION

TO BE MARKED WITH A PUNCH MARK

> CENTER OF SECTION CORNER (PLAN VIEW) APPROX. D=0.50" CENTER OF SECTION CORNER DRIVE TOP OF STEEL NAIL MARKER FLUSH WITH ASPHALTIC SURFACE ASPHALT PAVEMENT (SIDE VIEW) IN ASPHALTIC PAVEMENT

D=1.17" APPROX. D=0.50" CENTER OF SECTION CORNER SET TOP OF BRASS MARKER 1/16" (TO BE MARKED WITH BELOW CONCRETE SURFACE A PUNCH MARK) CONCRETE PAVEMENT >

NOTE: TO DRILL HOLE, USE A "SURVEY MARKER COUNTERSINK DRILL BIT" ITEM #BPMDRL, AVAILABLE FROM BERNTSEN INTERNATIONAL INC.

(SIDE VIEW OF DRILL HOLE)

CENTER OF SECTION CORNER

(PLAN VIEW OF DRILL HOLE)

IN CONCRETE PAVEMENT BERNTSEN BP - 1 BRASS MARKER WITH ANCHOR PLUG

SECTION CORNER MONUMENTS

BERNTSEN SNM1 STEEL NAIL MARKER

USE WITH NCR 621.01 REGION SPECIAL PROVISION (DO NOT INCLUDE THIS NOTE IN FINAL PLANS)

TOP OF AGGREGATE-SHOULDER

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.

LOCATE LANDMARK REFERENCE MONUMENTS OUTSIDE THE CONSTRUCTION LIMITS AND WITHIN WISDOT RIGHT OF WAY. LOCATION TO BE APPROVED BY THE ENGINEER.

CONTRACTOR WILL SUPPLY ALL REQUIRED SURVEY MONUMENTS.

BERNSTEN DRIVABLE MONUMENT SSDR130

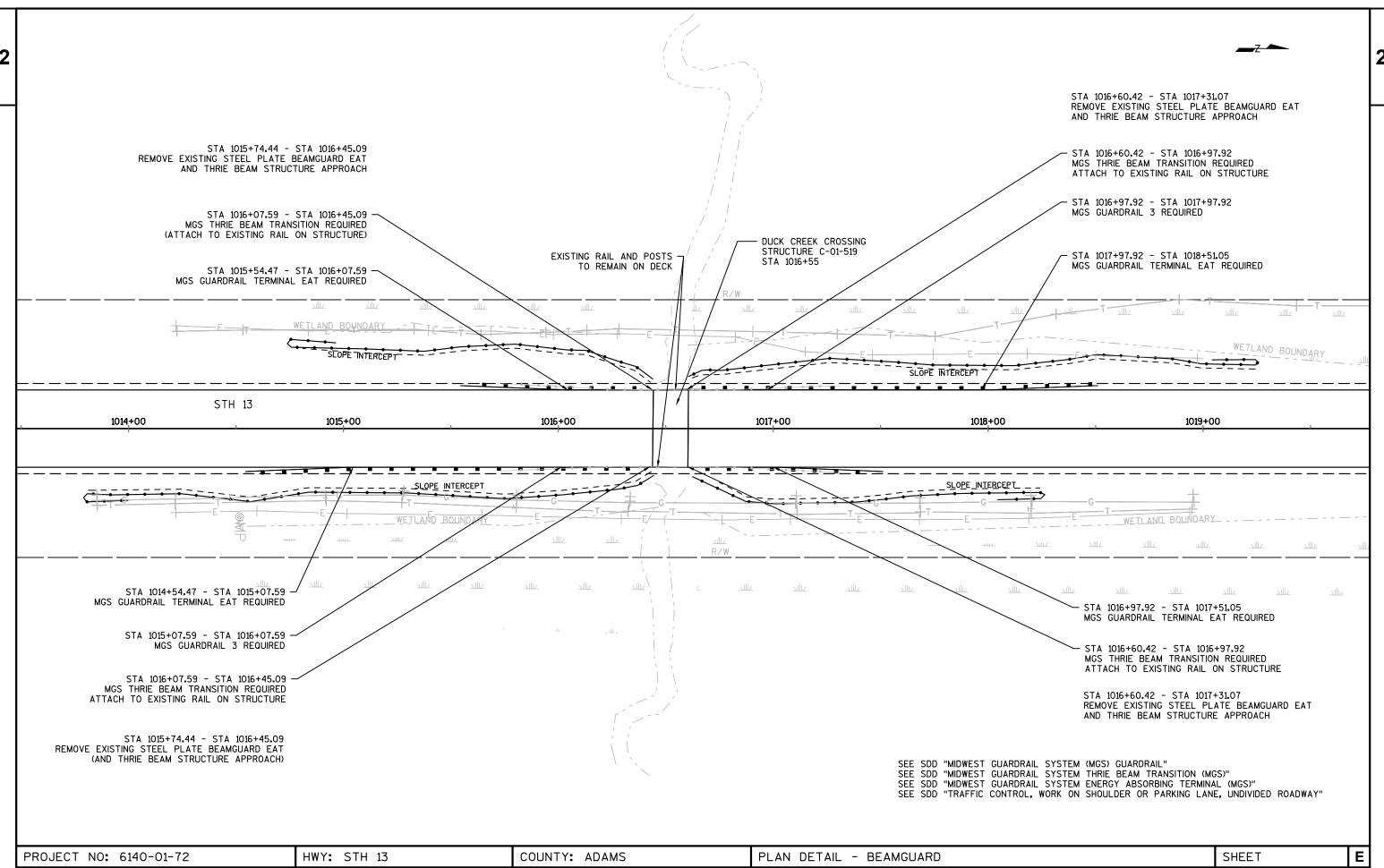
(FRONT VIEW)

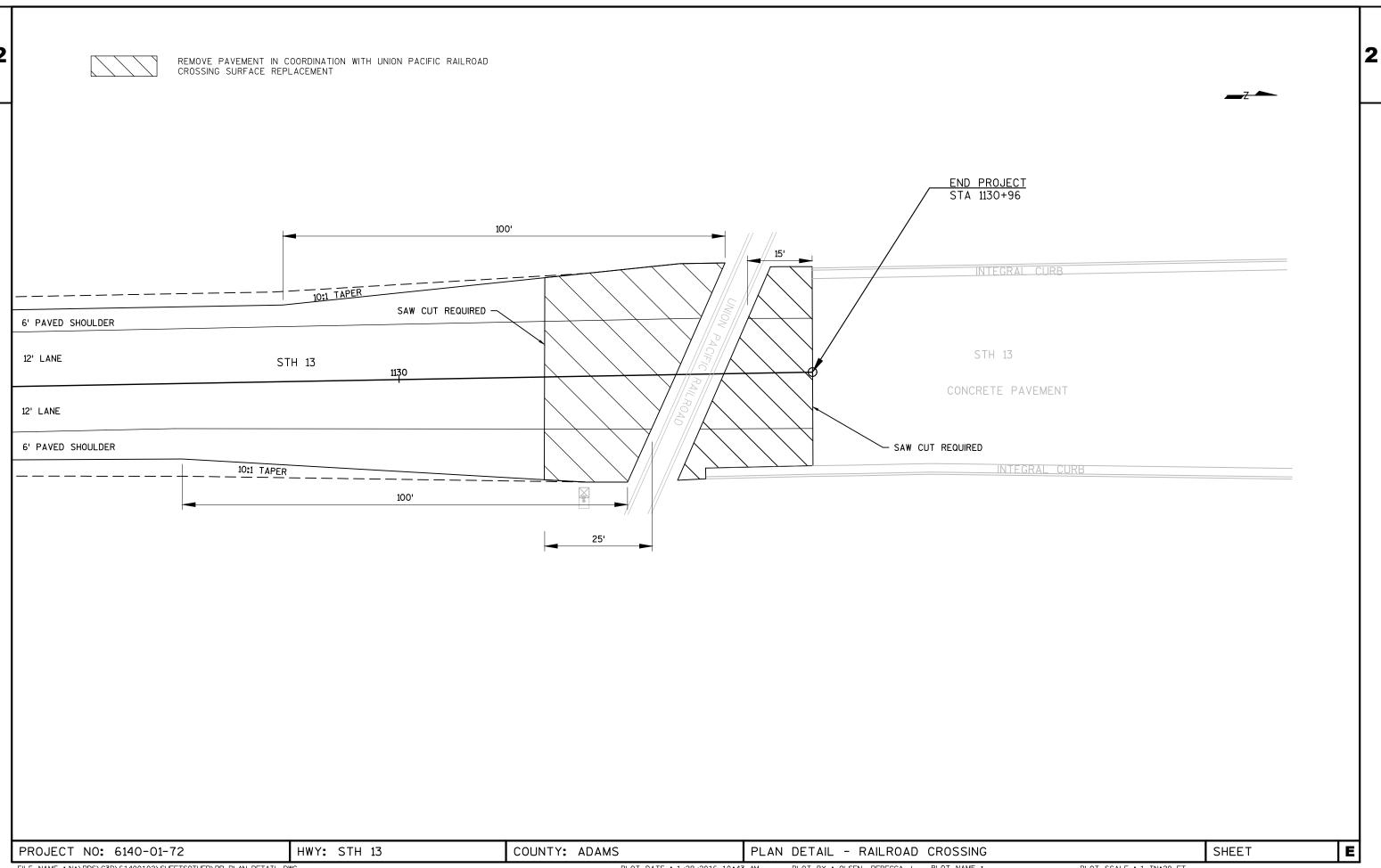
LANDMARK REFERENCE MONUMENT (TIES ONLY)

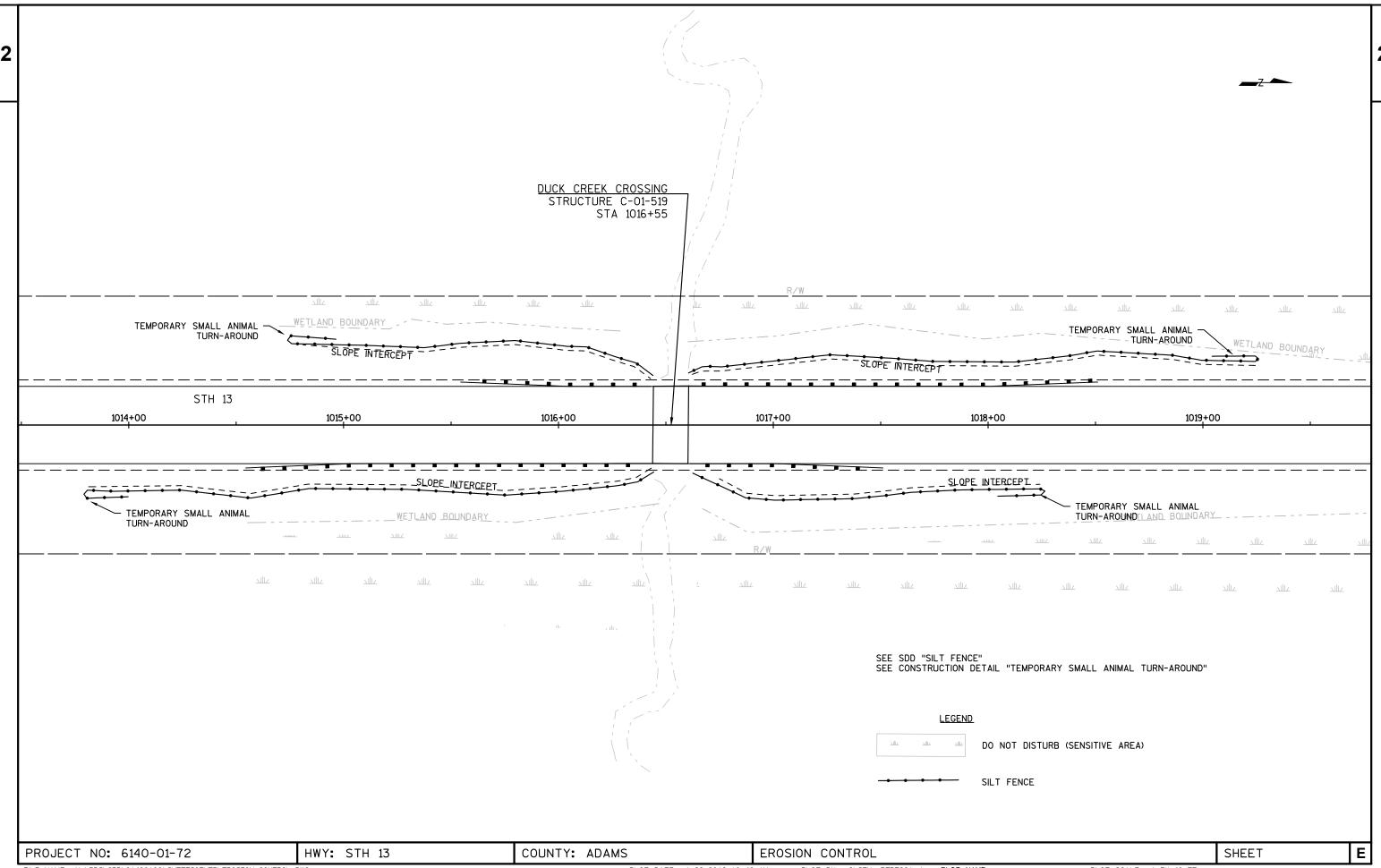
SECTION CORNER MONUMENT AND LANDMARK REFERENCE MONUMENT DETAIL

PROJECT NO: 6140-01-72 E HWY: STH 13 COUNTY: ADAMS PLAN: CONSTRUCTION DETAILS SHEET

PLOT DATE : 1/28/2016 2:59 PM

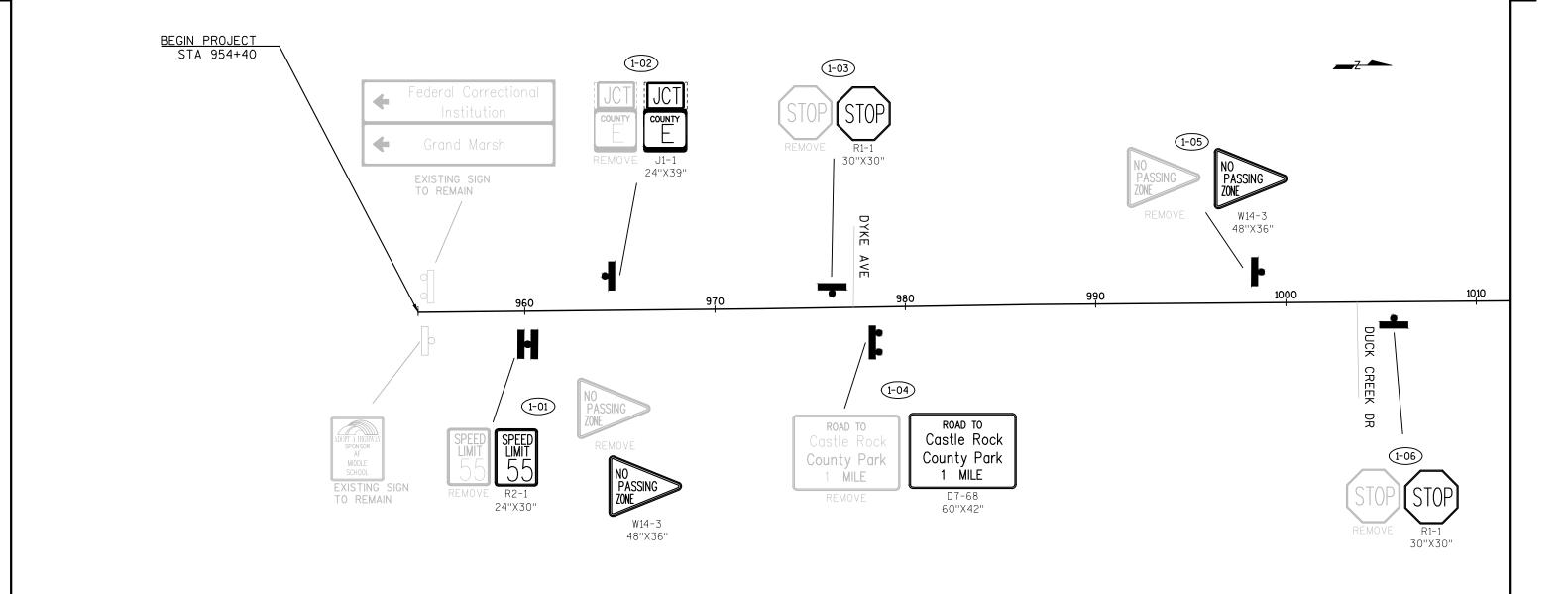




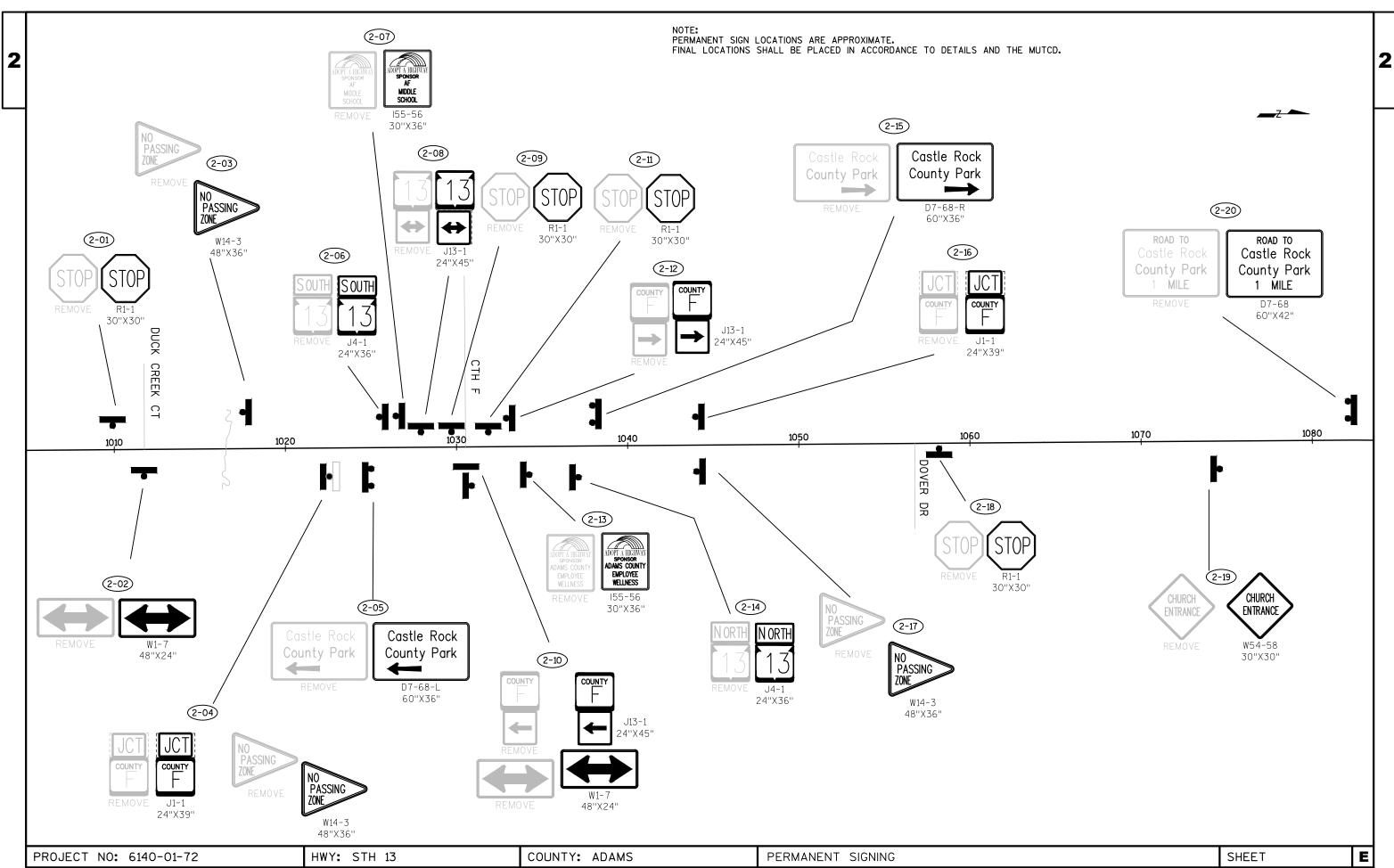


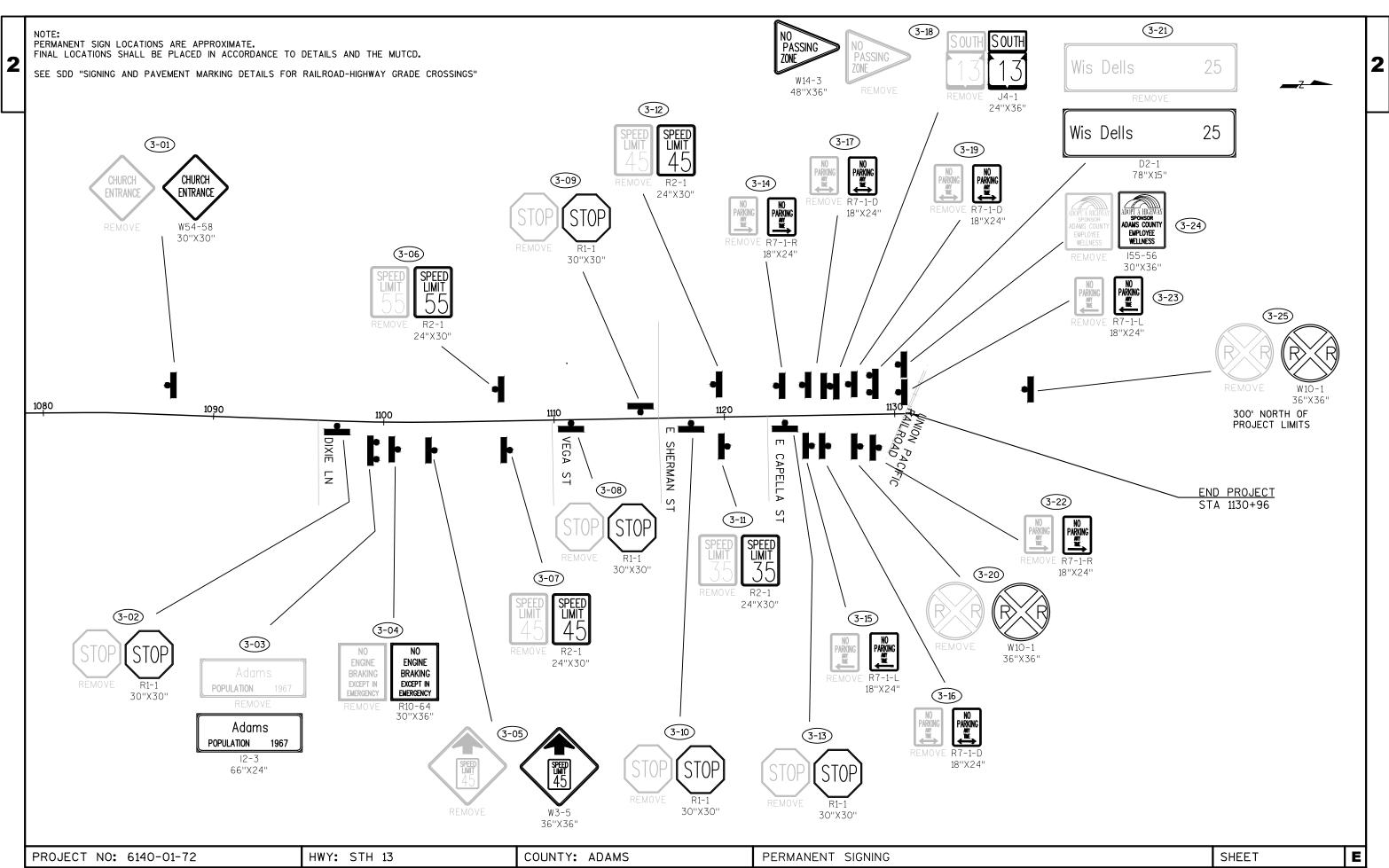
NOTE:
PERMANENT SIGN LOCATIONS ARE APPROXIMATE.
FINAL LOCATIONS SHALL BE PLACED IN ACCORDANCE TO DETAILS AND THE MUTCD.

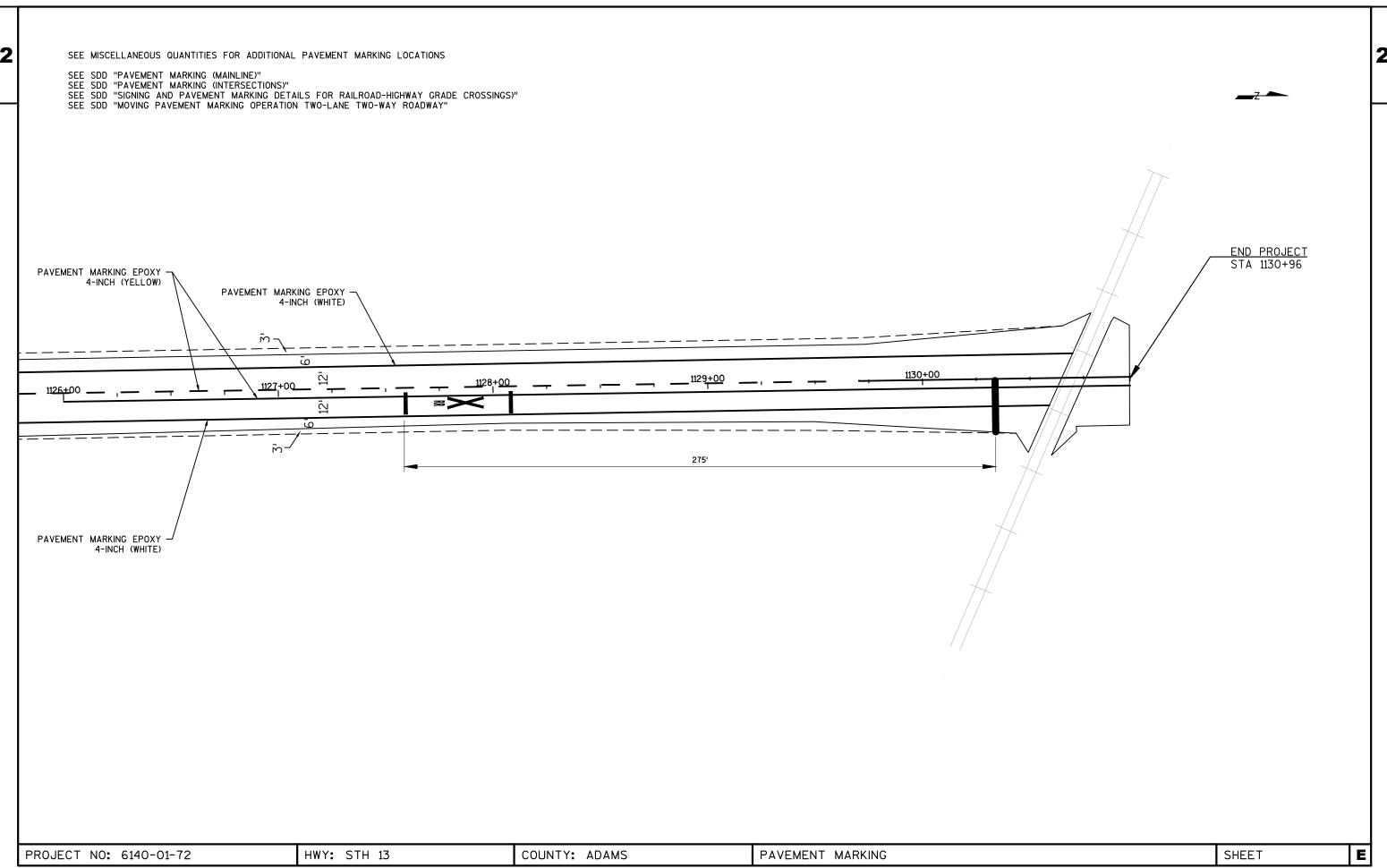
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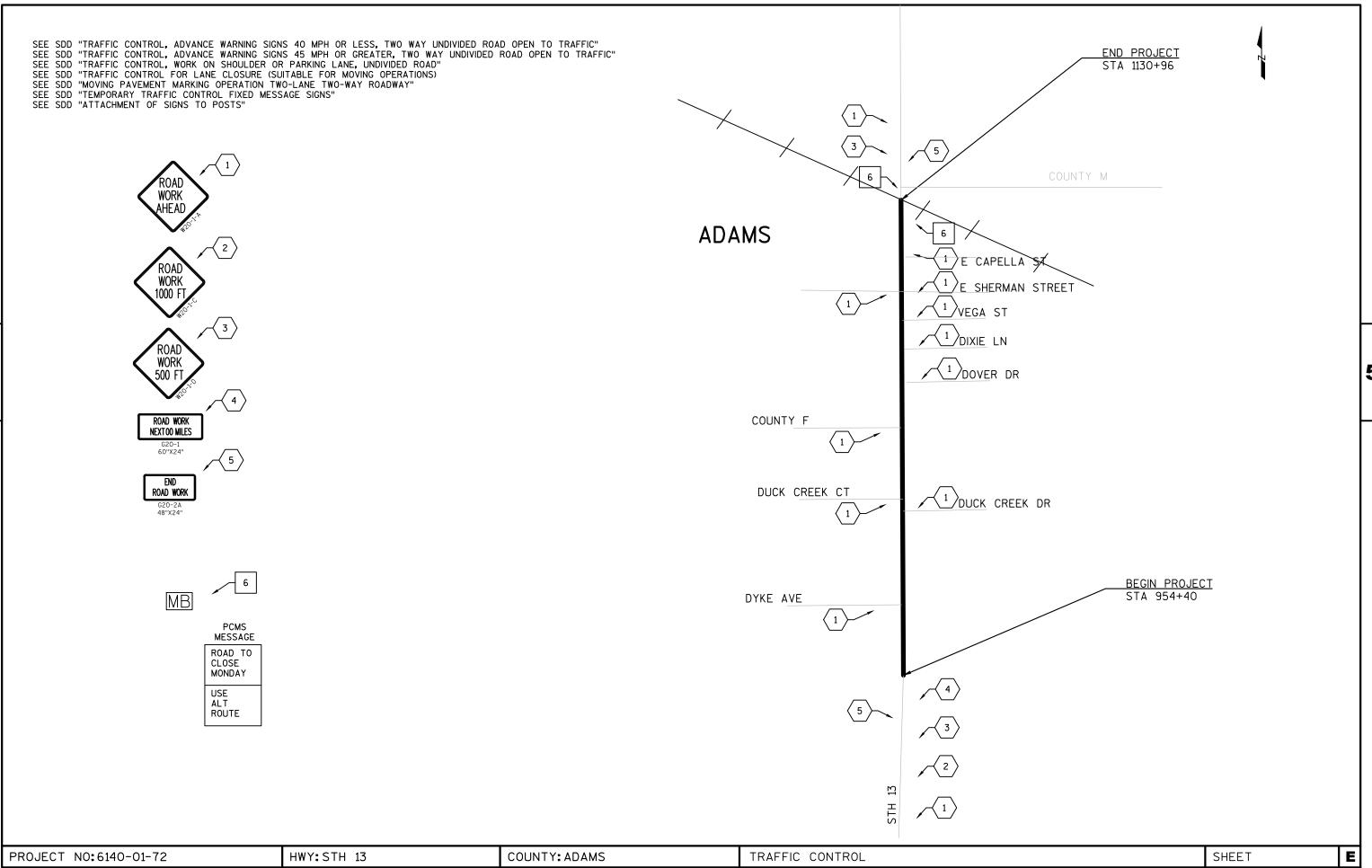


PROJECT NO: 6140-01-72 HWY: STH 13 COUNTY: ADAMS PERMANENT SIGNING SHEET E









2	TRAFFIC CONTROL	TRAFFIC CONTROL	<u></u>	RAFFIC	CONTR	OL DRUM	<u>1S</u>		TRAFFIC CO	<u>NTROI</u>	_ SIGNS	<u> </u>	
	643.0100	643.2000 TRAFFIC		DRUMS	;	643.0300		SIGN		SIGN		643.0900	
	TRAFFIC	CONTROL	LOCATION	EACH	DAYS	DAYS	REMARKS	LOCATION CODE	DESCRIPTION	EACH	DAYS	DAYS	REMARKS
	CONTROL PROJECT EACH	DETOUR PROJECT EACH	1014+00 - 1019+00	15	5	75	BEAM GUARD	STH 13 W20-1-A W20-1-0		12 1	25 25	300 25	MAINLINE/SIDEROADS MAINLINE
					TOTAL	75	=	W20-1-E	ROAD WORK 500 FT	2	25	50	MAINLINE
	6140-01-72 1	6140-01-72 1						G20-1	ROAD WORK NEXT 3 MILES		25	25	MAINLINE
	TOTALS 1	TOTALS 1						G20-2A	END ROAD WORK	2	25 TOTAL	50 450	MAINLINE/SIDEROADS =

TRAFFIC CONTROL BARRICADES AND LIGHTS

	TRAFFIC CO	ONTROL SIGNS	LOCATION	BARRICADE EACH	ES DAYS	643.0420 BARRICADES TYPE III DAYS	LIGHT EACH	DAYS	643.0705 WARNING LIGHTS TYPE A DAYS	REMARKS
	643.1050		27110		_			_		00111777
	PCMS		STH 13	3	5	15	6	5	30	COUNTY F
LOCATION	DAYS	REMARKS	STH 13	2	5	10	4	5	20	EAST SHERMAN STREET
			STH 13	2	5	10	4	5	20	EAST CAPELLA STREET
			STH 13	5	5	25	6	5	30	RAILROAD TRACK CLOSURE - SOUTH SIDE
STH 13	7	NORTH OF RAILROAD TRACKS	STH 13	5	5	25	6	5	30	RAILROAD TRACK CLOSURE - NORTH SIDE
STH 13	7	SOUTH OF RAILROAD TRACKS	STH 13	2	5	10	4	5	20	EAST RAILROAD STREET
			STH 13	2	5	10	4	5	20	EAST JUNE STREET
=	TOTAL 14	=	STH 13	3	5	15	6	5	30	COUNTY J
			TOTALS	i		120			200	

SEE SDD BARRICADES AND SIGNS FOR MAINLINE CLOSURES

SEE SDD DETOUR SIGNING FOR MAINLINE CLOSURES

SEE SDD TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

SEE SDD TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

SEE SDD ATTACHMENT OF SIGNS TO POSTS

SEE SDD TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR GREATER TWO-WAY UNDIVIDED ROAD

SEE SDD TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS

PROJECT NO: 6140-01-72 HWY: STH 13 COUNTY: ADAMS TRAFFIC CONTROL SUMMARY SHEET:

FILE NAME : ______ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

DETOUR SIGNS

LOCATION	SIGN I CODE	DESCRIPTION	SIGN EACH	DAYS	643.3000 DAYS	REMARKS
-						_
STH 13	W20-2-A	DETOUR AHEAD	2	5	10	
STH 13	M4-8	DETOUR	4	5	20	
STH 13	M3-1	NORTH	2	5	10	
STH 13	M1-6	13	4	5	20	<u>.</u>
STH 13	M05-1L	AHEAD LEFT ARROW	1	5	5	
STH 13	M06-1	ARROW LEFT OR RIGHT	2	5	10	
STH 13	M05-1R	AHEAD RIGHT ARROW	1	5	5	
STH 13	M3-3	SOUTH	2	5	10	
STH 13	M4-8A	END DETOUR	2	5	10	
STH 13	M4-9L	DETOUR ARROW LEFT	1	5	5	ON BARRICADES AT
						COUNTY F
STH 13	R11-5	ROAD CLOSED AT	2	5	10	ON BARRICADES AT
		RR CROSSING				COUNTY F,
						COUNTY Z,
						E SHERMAN STREET,
						E JUNE STREET
STH 13	R11-3	ROAD CLOSED 2 MILES AHEAD	2	5	10	ON BARRICADES AT
		LOCAL TRAFFIC ONLY				COUNTY F
						AND AT COUNTY Z
STH 13	R11-3	ROAD CLOSED 0.25 MILES AHEAD				ON BARRICADES AT
		LOCAL TRAFFIC ONLY				E SHERMAN STREET,
						E JUNE STREET
STH 13	M4-9R	DETOUR ARROW RIGHT	1	5	5	ON BARRICADES AT
						COUNTY Z
STH 13	R11-4	ROAD CLOSED TO THRU TRAFFIC	2	5	10	ON BARRICADES AT
						E CAPELLA STREET,
						E RAILROAD STREET
STH 13	R11-2	ROAD CLOSED	2	5	10	ON BARRICADES AT
						RAILROAD CLOSURE

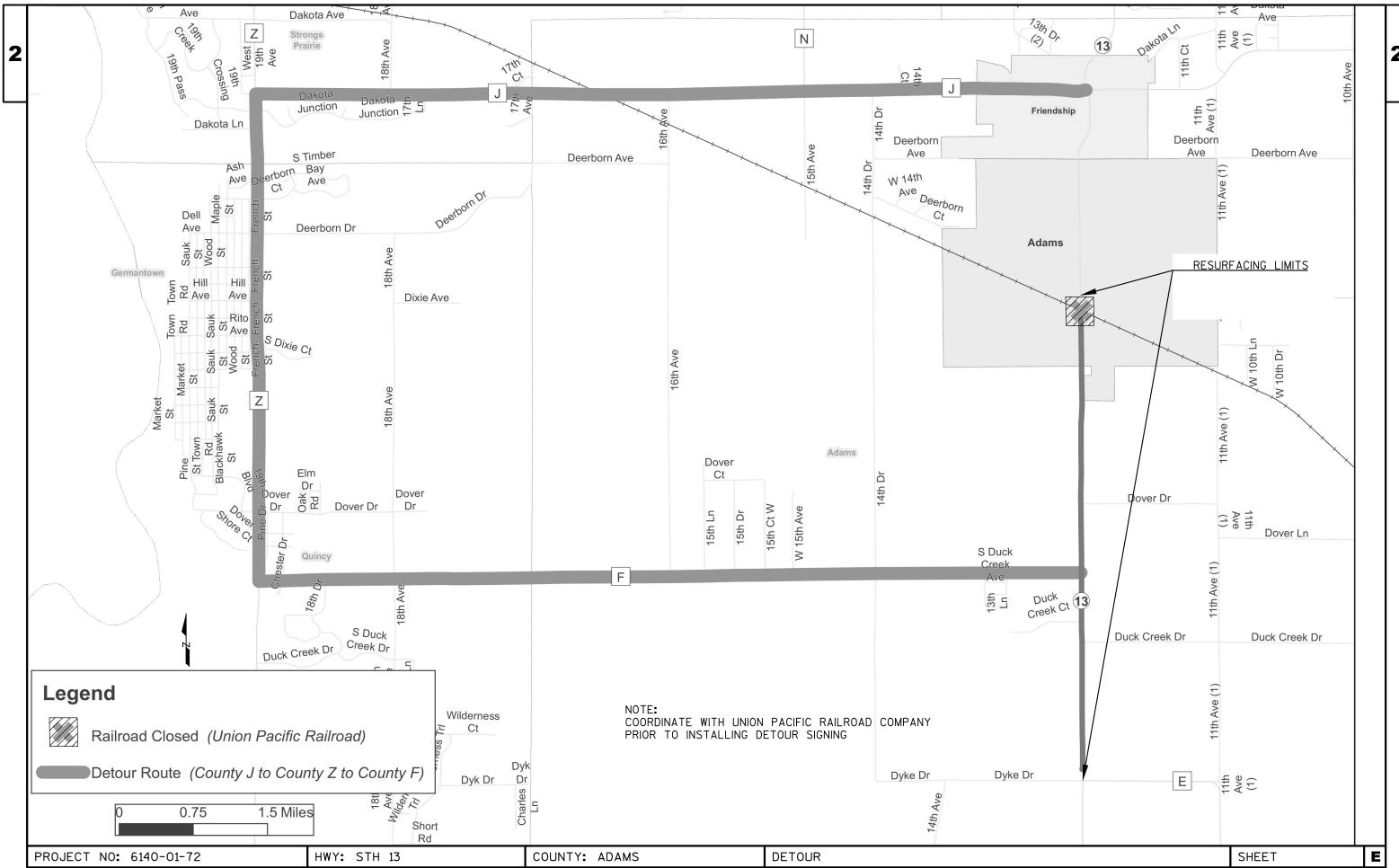
DETOUR SIGNS

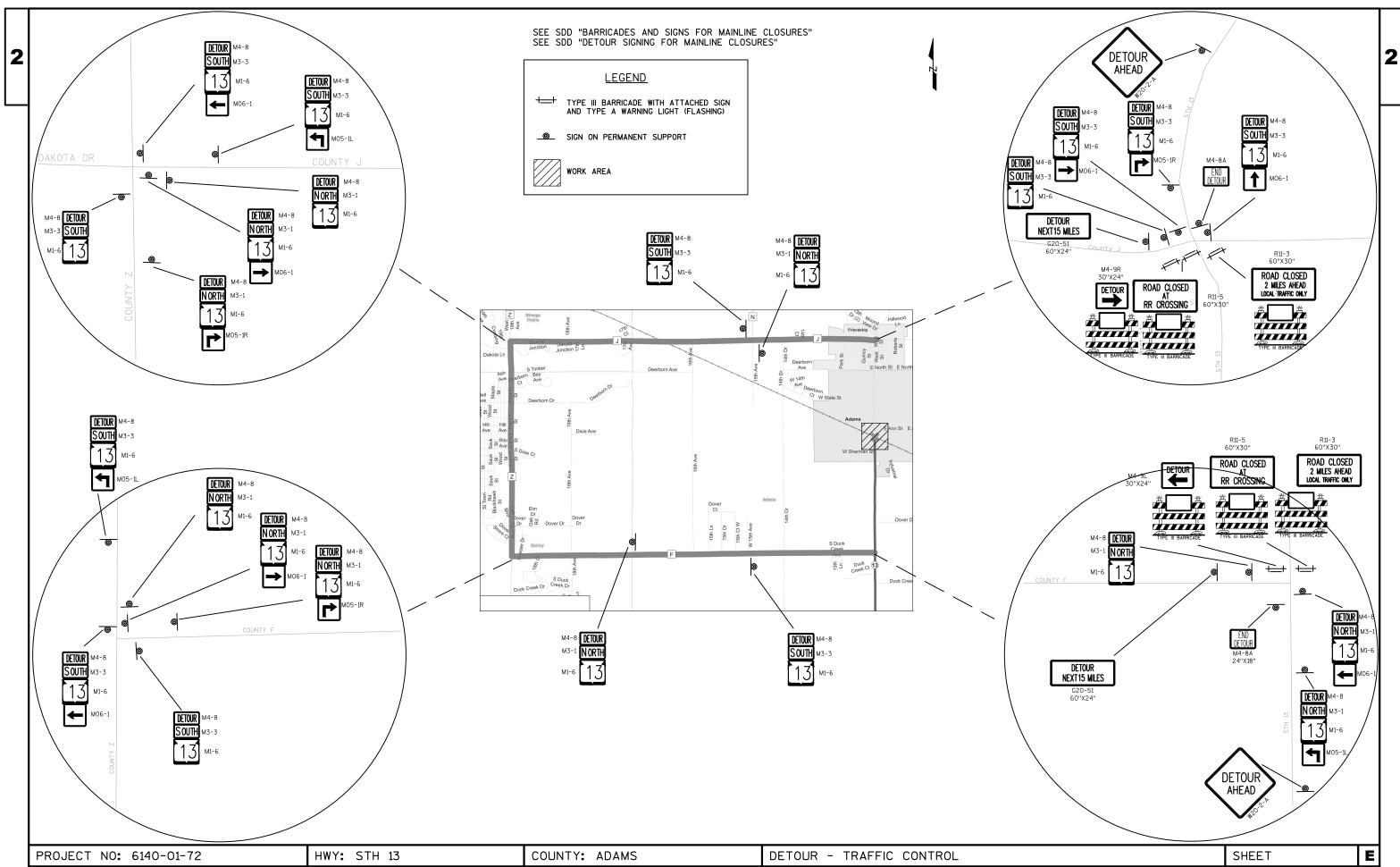
SIGN		SIGN		643.3000	
LOCATION CODE	DESCRIPTION	EACH	DAYS	DAYS	REMARKS
STH 13 W20-3-D	ROAD CLOSED 500 FT	2	5	10	
COUNTY F M4-8	DETOUR	6	5	30	
COUNTY F M3-1	NORTH	4	5	20	
COUNTY F M1-6	13	6	5	30	
COUNTY F G20-51	DETOUR NEXT 15 MILES	1	5	5	
COUNTY F M3-3	SOUTH	2	5	10	
COUNTY F M06-1	ARROW RIGHT	1	5	5	
COUNTY F M05-1R	AHEAD ARROW RIGHT	1	5	5	
COUNTY Z M4-6	DETOUR	6	5	30	
COUNTY Z M3-3	SOUTH	3	5	15	
COUNTY Z M1-6	13	6	5	30	
COUNTY Z M06-1	ARROW RIGHT OR LEFT	2	5	10	
COUNTY Z M3-1	NORTH	3	5	15	
COUNTY Z M05-1L	AHEAD ARROW LEFT	1	5	5	
COUNTY Z M05-1R	AHEAD ARROW RIGHT	1	5	5	
COUNTY J M4-8	DETOUR	7	5	35	
COUNTY J M3-3	SOUTH	5	5	25	
COUNTY J M3-1	NORTH	2	5	10	
COUNTY J M1-6	13	7	5	35	
COUNTY J M06-1	ARROW RIGHT OR AHEAD	2	5	10	
COUNTY J M05-1L	AHEAD ARROW LEFT	1	5	5	
COUNTY J G20-51	DETOUR NEXT 15 MILES	1	5	5	

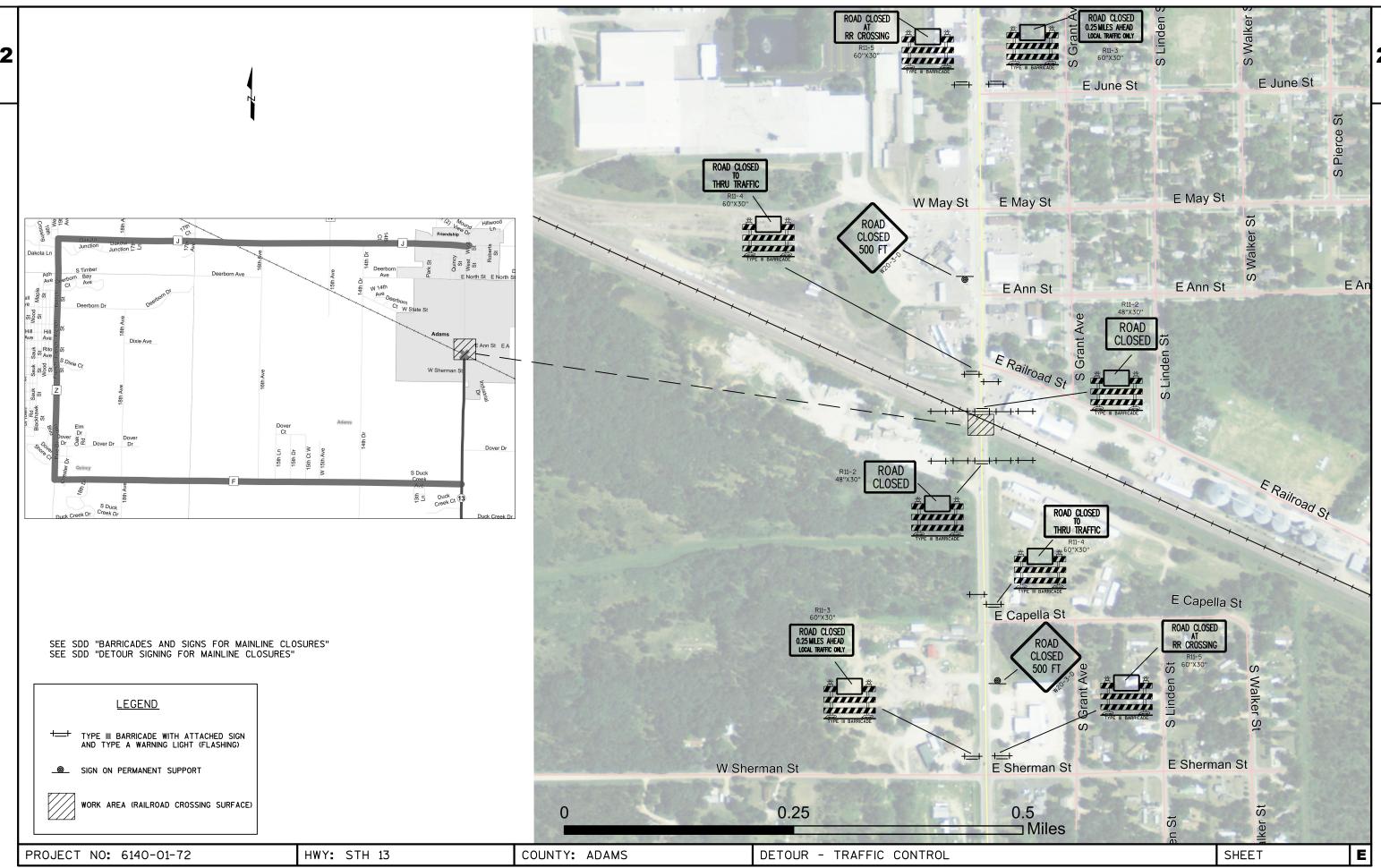
TOTAL 400

PROJECT NO: 6140-01-72 HWY: STH 13 COUNTY: ADAMS TRAFFIC CONTROL SUMMARY	SHEET: E
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FILE NAME : ______ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1







DATE 16	MAR16	E S	TIMAT	E OF QUAN		
NUMBER 0010 0020	204. 0100 204. 0125	ITEM DESCRIPTION Removing Pavement Removing Asphaltic Surface Milling	UNIT SY TON	TOTAL 280. 000 7, 010. 000	6140-01-72 QUANTI TY 280. 000 7, 010. 000	
0030 0040	204. 0165 213. 0100	Removing Guardrail Finishing Roadway (project) 01. 6140-01-72	LF EACH	283. 000 1. 000	283. 000 1. 000	
0050	305. 0110	Base Aggregate Dense 3/4-Inch	TON	1, 580. 000 	1, 580. 000	
0060 0070 0080 0090 0100	305. 0120 440. 4410 455. 0605 460. 2000 460. 4110. S	Base Aggregate Dense 1 1/4-Inch Incentive IRI Ride Tack Coat Incentive Density HMA Pavement Reheating HMA Pavement Longitudinal Joints	TON DOL GAL DOL LF	50. 000 13, 360. 000 5, 000. 000 4, 360. 000 17, 631. 000	50. 000 13, 360. 000 5, 000. 000 4, 360. 000 17, 631. 000	
0110 0120	460. 5224 465. 0475	HMA Pavement 4 LT 58-28 S Asphalt Center Line Rumble Strips 2-Lane Rural	TON LF	6, 800. 000 10, 232. 000	6, 800. 000 10, 232. 000	
0130 0140 0150	614. 0010 614. 2300 614. 2500	Barrier System Grading Shaping Finishin MGS Guardrail 3 MGS Thrie Beam Transition	g EACH LF LF	4. 000 200. 000 150. 000	4. 000 200. 000 150. 000	
0160 0170	614. 2610 618. 0100	MGS Guardrail Terminal EAT Maintenance And Repair of Haul Roads (project) 01. 6140-01-72	EACH EACH	4. 000 1. 000	4. 000 1. 000	
0180 0190 0200	619. 1000 621. 0100 624. 0100	Mobilization Landmark Reference Monuments Water	EACH EACH MGAL	1.000 24.000 30.000	1. 000 24. 000 30. 000	
0210 0220 0230 0240	628. 1504 628. 1520 628. 1905 628. 1910	Silt Fence Silt Fence Maintenance Mobilizations Erosion Control Mobilizations Emergency Erosion Control	LF LF EACH EACH	1, 025. 000 1, 025. 000 1. 000 1. 000	1, 025. 000 1, 025. 000 1. 000 1. 000	
0250	634. 0612	Posts Wood 4x6-Inch X 12-FT	EACH	18. 000	18. 000	
0260 0270 0280 0290 0300	634. 0614 634. 0616 637. 2210 638. 2602 638. 3000	Posts Wood 4x6-Inch X 14-FT Posts Wood 4x6-Inch X 16-FT Signs Type II Reflective H Removing Signs Type II Removing Small Sign Supports	EACH EACH SF EACH EACH	36. 000 3. 000 361. 250 55. 000 57. 000	36. 000 3. 000 361. 250 55. 000 57. 000	
0310 0320 0330 0340	642. 5001 643. 0100 643. 0300 643. 0420	Field Office Type B Traffic Control (project) 01. 6140-01-7 Traffic Control Drums Traffic Control Barricades Type III	DAY DAY	1. 000 1. 000 75. 000 120. 000	1. 000 1. 000 75. 000 120. 000	
0350	643. 0705	Traffic Control Warning Light's Type A	DAY	200. 000	200. 000	
0360 0370 0380	643. 0900 643. 1050 643. 2000	Traffic Control Signs Traffic Control Signs PCMS Traffic Control Detour (project) 01. 6140-01-72	DAY DAY EACH	450. 000 14. 000 1. 000	450. 000 14. 000 1. 000	
0390 0400	643. 3000 646. 0106	Traffic Control Detour Signs Pavement Marking Epoxy 4-Inch	DAY LF	400. 000 45, 880. 000	400. 000 45, 880. 000	
0410 0420 0430	646. 0126 646. 0406 647. 0110	Pavement Marking Epoxy 8-Inch Pavement Marking Same Day Epoxy 4-Inch Pavement Marking Railroad Crossings Epoxy	LF LF EACH	320. 000 10, 312. 000 1. 000	320. 000 10, 312. 000 1. 000	
0440	650. 8000	Construction Staking Resurfacing Reference	LF	17, 656. 000	17, 656. 000	
0450	650. 9910	Construction Staking Supplemental Control (project) 01. 6140-01-72	LS	1. 000	1. 000	
0460 0470	690. 0150 SPV. 0060	Sawing Asphalt Special 01. Box Culvert Grate	LF EACH	68. 000 1. 000	68. 000 1. 000	

DATE 16	MAR16	E :	STIMATE	OF QUANT	ΓΙΤΙΕS
LINE					6140-01-72
NUMBER	ITEM	ITEM DESCRIPTION	UNI T	TOTAL	QUANTI TY
0480	SPV. 0060	Special 02. Reestablish Section Corner	EACH	6.000	6.000
		Monuments			

STATION - STATION LOCATION 1130+34 - 1130+65 RT & LT 1130+75 - 1130+96 RT & LT TOTAL	170 110	STATION - STATION LOCATION 954+40 - 1130+96 RT & LT TOTAL	204.0125 I TONS 7010	STATION - STA 1015+74.44 - 101 1015+74.44 - 101 1016+60.42 - 101 1016+60.42 - 101	6+45.09 L' 6+45.09 R 7+31.07 L' 7+31.07 R		71 71 71 71 71 71 71
954+40 - 1130+96 1130-34 - 1130+96	305.0110 305.07 34-INCH 1 1/4-IN LOCATION TON TON RT & LT 1580 LT 50 TOTALS 1580 50	I20 NCH N REMARKS UNDISTRIBUTED QUANTITY FOR RESTOR PAVEMENT AT RAILROAD CROSSING	RING	TA STATION - STATION 954+40 - 1130+96		455.0605 TON 5000	
REHEATING HMA PAVEMENT LONG	IGITUDINAL JOINTS 460.4110.S	HMA PAVEMENT	460.5224	ASPHALTIC C STATION - STATION 954+40 - 975+30	LOCATION CL		REMARKS

FILE NAME : _____ PLOT DATE : ____ PLOT NAME : ____ PLOT NAME : ____ PLOT SCALE : 1:1

BARRIER SYSTEM GRADING SHAPING FINISHING

BARRIER SYSTEM **GRADING** SHAPING COMMON EXPANDED SEEDING **FERTILIZER** & FINISHING EXCAVATION FILL FILL BORROW MULCHING MIXTURE NO.20 TYPE B 614.0010 CWT CY CY CY CY SY LB EACH 3 50 0.3 10 10 13 14 10 3 50 14 0.3 10 13 1

14

14

54

0.3

0.3

1.3

1

1

4

50

50

200

* FOR INFORMATIONAL PURPOSES ONLY. NOT A BID ITEM. NOTE: EXPANSION FACTOR = 1.25

TOTALS

LOCATION

TOTALS

STATION - STATION

1014+54.47 - 1016+45.09 STH 13 (RT)

1016+60.42 - 1017+51.05 STH 13 (RT)

1015+54.47 - 1016+45.09 STH 13 (LT)

1016+60.42 - 1018+51.05 STH 13 (LT)

LANDMARK

MGS GUARDRAIL

STATION - STATION	LOCATION	614.2300 GUARDRAIL 3 LF	614.2500 THRIE BEAM TRANSITION LF	614.2610 GUARDRAIL TERMINAL EAT EACH
1014+54.47 - 1015+07.59 1015+07.59 - 1016+07.59 1016+07.59 - 1016+45.09	RT RT RT	 100.0 	 37.5	1
1016+45.09 - 1016+60.42 1016+60.42 - 1016+97.92 1016+97.92 - 1017+51.05	RT RT RT	 	 37.5 	 1
1015+54.47 - 1016+07.59 1016+07.59 - 1016+45.09 1016+45.09 - 1016+60.42	LT LT LT		 37.5	1
1016+60.42 - 1016+97.92 1016+97.92 - 1017+97.92 1017+97.92 - 1018+51.05	LT LT LT	100.0	37.5 	 1
	TOTALS	200.0	150.0	4

LANDMARK REFERENCE MONUMENTS

10

40

10

10

40

13

13

50

3

3

10

TYPE OF

SPV.0060.02
621.0100 REESTABLISH
REFERENCE SECTION CORNER
MONUMENTS MONUMENTS

STATION LOCATION **EACH** EACH **EXISTING MONUMENT** 977+30 STH 13 CL BERNTSEN STEEL NAIL 1003+81 STH 13; 3' RT BERNTSEN STEEL NAIL 1030+53 STH 13; 1' RT BERNTSEN STEEL NAIL BERNTSEN STEEL NAIL 1056+77 STH 13; 18' RT 1083+35 STH 13; 17' RT BERNTSEN STEEL NAIL 1109+75 STH 13: 44' LT BERNTSEN STEEL NAIL

24

WATER

6

STATION - STATION	LOCATION	624.0100 MGAL	REMARKS
954+40 - 1130+96	LT & RT	30	_
	TOTAL	30	

MAINTENANCE AND REPAIR OF HAUL ROADS

PROJECT EACH REMARKS

6140-01-72 1

TOTAL 1

EROSION CONTROL ITEMS

			628.1520	628.1905	628.1910 MOBILIZATION
		628.1504	SILT	MOBILIZATION	EMERGENCY
		SILT	FENCE	EROSION	EROSION
		FENCE	MAINTENANCE	CONTROL	CONTROL
STATION - STATION	LOCATION	LF	LF	EACH	EACH
					_
1014+53 - 1017+52	RT	300	300	1	1
1015+52 - 1018+50	LT	300	300		
UNDISTRIBUTED	RT & LT	100	100		
	TOTALS	700	700	1	1

PROJECT NO: 6140-01-72 HWY: STH 13 COUNTY: ADAMS MISCELLANEOUS QUANTITIES SHEET: **E**

PLOT DATE : ___

PLOT BY : ___

PLOT NAME : ____

PLOT SCALE: 1:1

Е

SHEET:

SIGN LISTING

						F	POSTS WOO	D	637.2210 SIGNS	638.2602 REMOVING	638.3000 REMOVING	
SIGN NO.	SIGN CODE	DESCRIPTION	SIZE	STATION	LOCATION	634.0612 12-FT EACH	634.0614 14-FT EACH	634.0616 16-FT EACH	TYPE II REFLECTIVE H SF	SIGNS TYPE II EACH	SMALL SIGN SUPPORTS EACH	REMARKS
		ADOPT-A-HIGHWAY FEDERAL CORRECTIONAL INSTITUTION GRAND MARSH		955+45 955+45	RT LT							EXISTING SIGN TO REMAIN EXISTING SIGN TO REMAIN
-01	R2-1	SPEED LIMIT 55 MPH	24"X30"	960+21	RT		1		5.00	1	1	
01	W14-3	NO PASSING ZONE	48"X36"	960+21	RT				6.00	1		
-02	J1-1	JCT COUNTY E	24"X39"	964+45	LT		1		6.50	1	1	
-03	R1-1	STOP	30"X30"	977+00		1			5.18	1	1	SIDEROAD: DYKE AVENUE
-04	D7-68	ROAD TO CASTLE ROCK COUNTY PARK 1 MILE	60"X36"	978+40	RT			2	15.00	1	2	
-05	W14-3	NO PASSING ZONE	48"X36"	998+34	LT		1		6.00	1	1	
1-06	R1-1	STOP	30"X30"	1003+93		1			5.18	1	1	SIDEROAD: DUCK CREEK DRIVE
2-01	R1-1	STOP	30"X30"	1011+60		1			5.18	1	1	SIDEROAD: DUCK CREEK COURT
2-02	W1-7	NIGHT ARROW (DOUBLE)	48"X24"	1011+80	RT		1		8.00	1	1	
2-03	W14-3	NO PASSING ZONE	48"X36"	1018+48	LT		1		6.00	1	1	
2-04	J1-1	JCT COUNTY F	24"X39"	1021+45	RT		1		6.50	1	1	
2-04	W14-3	NO PASSING ZONE	48"X36"	1021+45	RT				6.00	1		
2-05	D7-68-L	CASTLE ROCK COUNTY PARK (ARROW LEFT)	60"X36"	1024+55	RT		2		15.00	1 	2	
2-06	J4-1	SOUTH 13	24"X36"	1027+70	LT		1		6.00	1	1	
2-07	155-56	ADOPT-A-HIGHWAY SPONSOR AF MIDDLE SCHOOL	30"X36"	1027+20	LT		1		7.50	1	1	
2-08	J13-1	13 (DOUBLE ARROW)	24"X45"	1030+40			1		7.50	1	1	SIDEROAD: COUNTY F
2-09	R1-1	STOP	30"X30"	1030+40		1			5.18	1	1	SIDEROAD: COUNTY F
2-10	W1-7	NIGHT ARROW (DOUBLE)	48"X24"	1030+55	RT		1		8.00	1	1	
2-10	J13-1	COUNTY F LEFT ARROW	24"X45"	1030+55	RT				7.50	1		
2-11	R1-1	STOP	30"X30"	1030+75		1			5.18	1	1	SIDEROAD: COUNTY F
2-12	J13-1	COUNTY F RIGHT ARROW	24"X45"	1030+85			1		7.50	1	1	
2-13	I55-56	ADOPT-A-HIGHWAY SPONSOR ADAMS COUNTY EMPLOYEE WELLNESS	30"X36"	1031+00	RT		1		7.50	1	1	
2-14	J4-1	NORTH 13	24"X36"	1035+40	RT		1		6.00	1	1	
2-15	D-7-68R	CASTLE ROCK COUNTY PARK (RIGHT ARROW)	60"X36"	1037+70			2		15.00	1	2	
2-16	J1-1	JCT COUNTY F	24"X39"	1044+50	LT		1		6.50	1	1	
2-17	W14-3	NO PASSING ZONE	48"X36"	1044+40			1		6.00	1	1	
2-18	R1-1	STOP	30"X30"	1057+00		1			5.18	1	1	SIDEROAD: DOVER DRIVE
2-19	W54-58	CHURCH ENTRANCE	30"X30"	1074+25	RT		1		6.25	1	1	
2-20	D7-68	ROAD TO CASTLE ROCK COUNTY PARK 1 MILE	60"X42"	1082+20	LT		2		17.50	1	2	

MISCELLANEOUS QUANTITIES

FILE NAME : _____ PLOT DATE : ____ PLOT BY : ____ PLOT NAME : ____ PLOT SCALE : 1:1

COUNTY: ADAMS

HWY: STH 13

PROJECT NO: 6140-01-72

SIGN LISTING

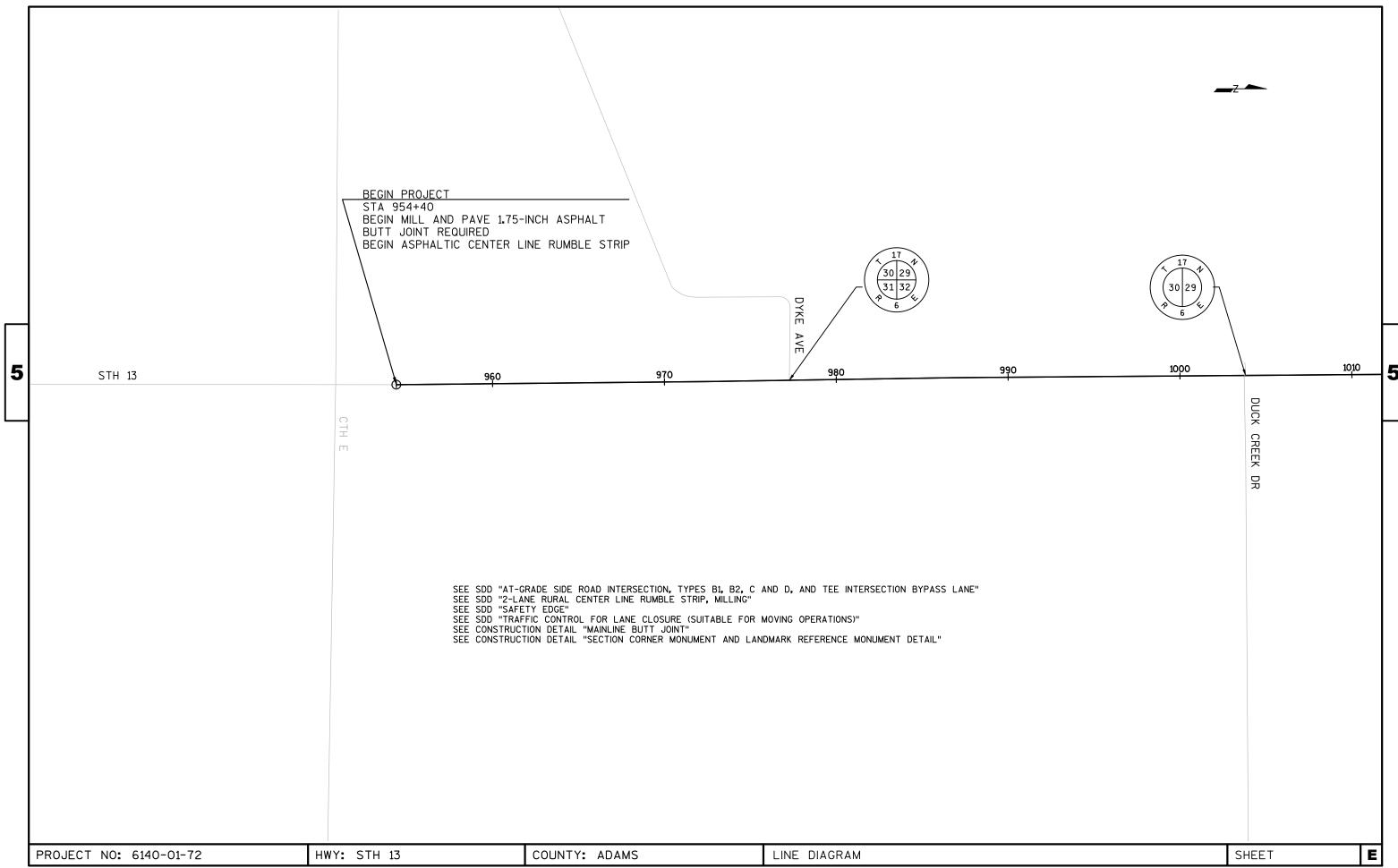
						POSTS WOOD		637.2210 SIGNS	638.2602 REMOVING	638.3000 REMOVING		
						634.0612	634.0614	634.0616	TYPE II	SIGNS	SMALL SIGN	
SI	GN SIGN					12-FT	14-FT	16-FT	REFLECTIVE H	TYPE II	SUPPORTS	
NO		DESCRIPTION	SIZE	STATION	LOCATION	EACH	EACH	EACH	SF	EACH	EACH	REMARKS
3-01	W54-58	CHURCH ENTRANCE	30"X30"	1087+80	LT			1	6.25	1	1	
3-02	R1-1	STOP	30"X30"	1096+50	`	1			5.18	1	1	SIDEROAD: DIXIE LANE
3-03	I2-3	ADAMS POPLULATION 1967	60"X24"	1097+00	RT		2		10.00	1	2	
3-04	R10-64	NO ENGINE BRAKING EXCEPT IN EMERGENCY	30"X36"	1100+00	RT		1		7.50	1	1	
3-05	W3-5	SPEED LIMIT 45 (AHEAD ARROW)	36"X36"	1102+45	RT		1		9.00	1	1	
3-06	R2-1	SPEED LIMIT 55 MPH	24"X30"	1107+00	LT		1		5.00	1	1	
3-07	R2-1	SPEED LIMIT 45 MPH	24"X30"	1107+00	RT		1		5.00	1	1	
3-08	R1-1	STOP	30"X30"	1110+25		1			5.18	1	1	SIDEROAD: VEGA STREET
3-09	R1-1	STOP	30"X30"	1116+00		1			5.18	1	1	SIDEROAD: WEST SHERMAN STREET
3-10	R1-1	STOP	30"X30"	1116+45		1			5.18	1	1	SIDEROAD: EAST SHERMAN STREET
3-11	R2-1	SPEED LIMIT 35 MPH	24"X30"	1119-80	RT		1		5.00	1	1	
3-12	R2-1	SPEED LIMIT 45 MPH	24"X30"	1119-80	LT		1		5.00	1	1	
3-13	R1-1	STOP	30"X30"	1122+75	RT	1			5.18	1	1	E CAPELLA STREET
3-14	R7-1-R	NO PARKING ANYTIME (RIGHT ARROW)	18"X24"	1122+75	LT	1			3.00	1	1	
3-15	R7-1-L	NO PARKING ANYTIME (LEFT ARROW)	18"X24"	1123+40	RT	1			3.00	1	1	
3-16	R7-1-D	NO PARKING ANY TIME (DOUBLE	18"X24"	1125+50	RT	1			3.00	1	1	
		ARROW)										
3-17	R7-1-D	NO PARKING ANY TIME (DOUBLE ARROW)	18"X24"	1125+50	LT	1			3.00	1	1	
3-18	W14-3	NO PASSING ZONE	48"X36"	1126+25	LT				6.00	1		
3-18	J4-1	SOUTH 13	24"X36"	1126+25	LT		1		6.00	1	1	
3-19	R7-1-D	NO PARKING ANY TIME (DOUBLE ARROW)	18"X24"	1127+25	LT	1			3.00	1	1	
3-20	W10-1	RAILROAD CROSSING	36"X36"	1127+65	RT		1		7.07	1	1	
3-21	D2-1	WIS DELLS 25	78"X15"	1129+10	LT		2		8.13	1	2	
3-22	R7-1-R	NO PARKING ANYTIME (RIGHT ARROW)	18"X24"	1129+45	RT	1			3.00	1	1	
3-23	R7-1-L	NO PARKING ANYTIME (LEFT ARROW)	18"X24"	1130+25	LT	1			3.00	1	1	
3-24	l55-56	ADOPT-A-HIGHWAY SPONSOR ADAMS COUNTY EMPLOYEE WELLNESS	30"X36"	1130+25	LT		1		7.50	1	1	
3-25	W10-1	RAILROAD CROSSING	36"X36"		LT		1		7.07	1	1	REPLACE SIGN 300 FEET NORTH OF PROJECT LIMITS
			TOTALS			18	36	3	361.25	55	57	<u>-</u>

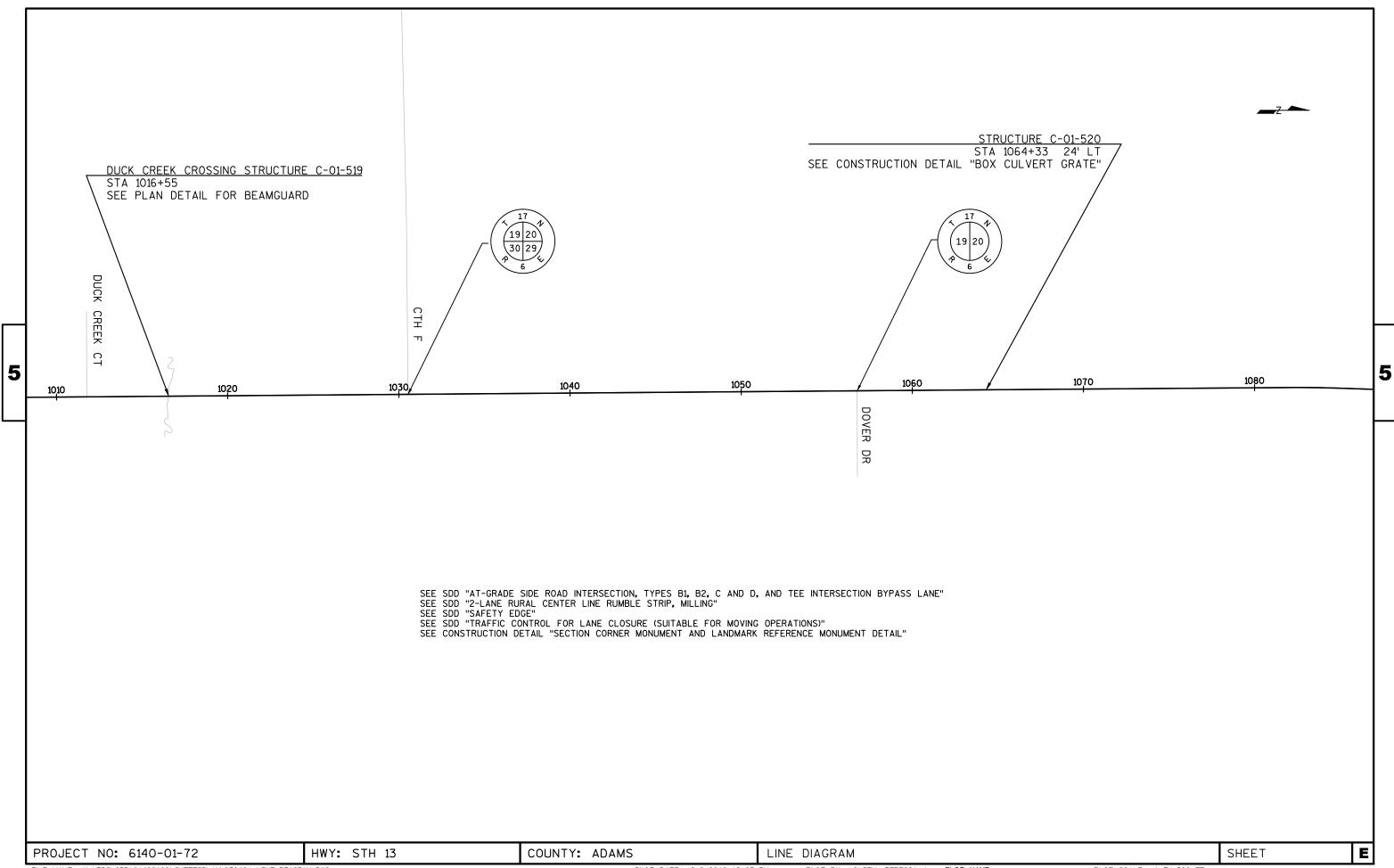
PROJECT NO: 6140-01-72 HWY: STH 13 COUNTY: ADAMS MISCELLANEOUS QUANTITIES SHEET: **E**

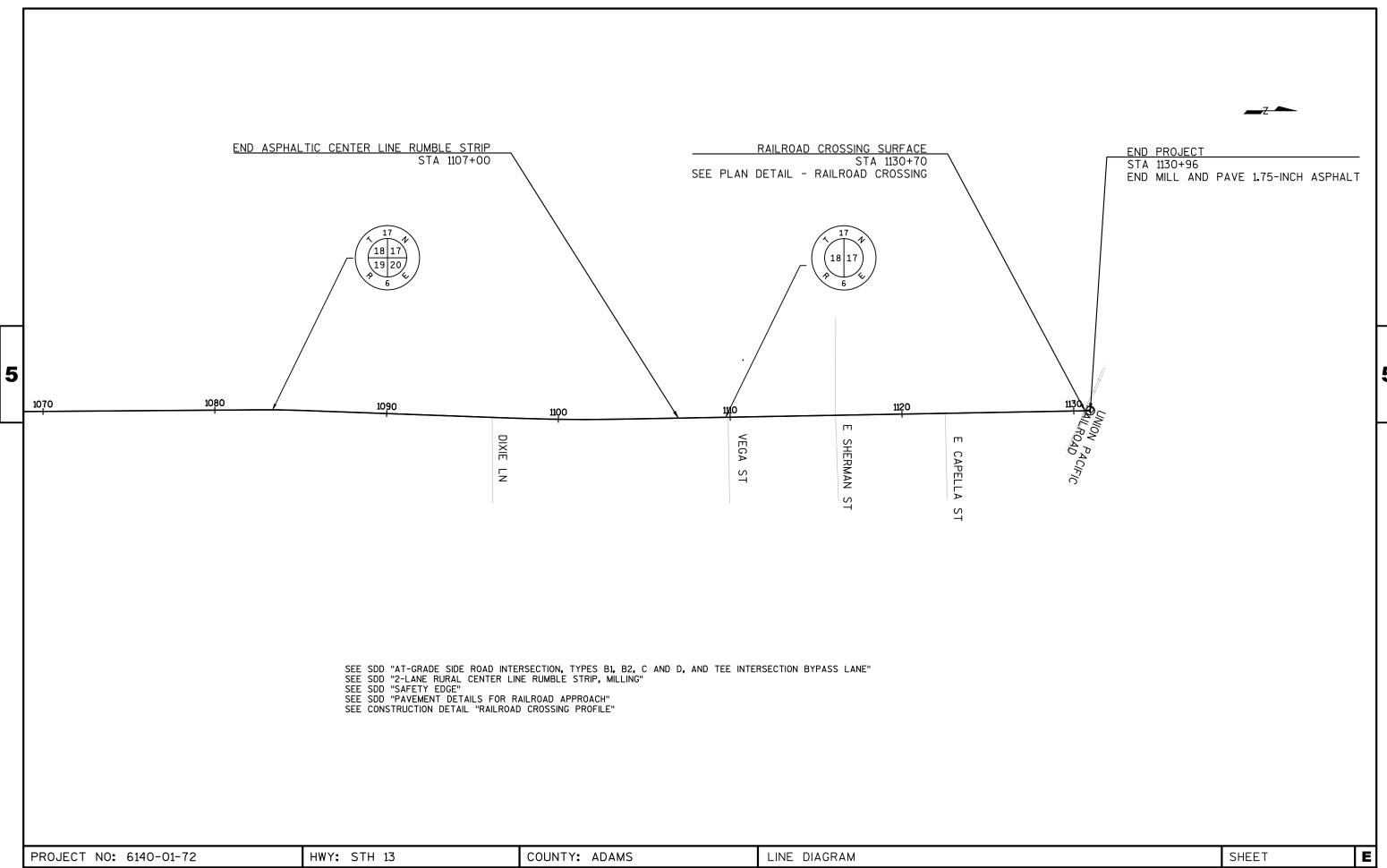
FILE NAME : _____ PLOT DATE : ____ PLOT BY : ____ PLOT NAME : ____ PLOT SCALE : 1:1

FIELD OFFI	ELD OFFICE TYPE B										CONSTRUCTION STAKING				
PROJECT	642.5001 EACH										650.8000 650.9910 RESURFACING SUPPLEMENTA REFERENCE CONTROL STATION - STATION LOCATION LF LS				
6140-01-72 TOTAL	1		643.0100 TRAFFIC CONTROL	643.0300	643.0420 BARRICADES	643.0705 WARNING LIGHTS	643.1050 SIGNS	643.0900	643.2000 TRAFFIC CONTROL DETOUR	643.3000 DETOUR	954+40 - 1130+96 STH 13 17656 1 TOTALS 17656 1				
SAWING	ASPHALT_		PROJECT EACH	DRUMS DAYS	TYPE III DAYS	TYPE A DAYS	PCMS DAYS	SIGNS DAYS	PROJECT EACH	SIGNS DAY	BOX CULVERT GRATE				
STATION	690.0150 LF	6140-01-72 TOTALS	1	75 75	120	200	14	450 450	1	400	SPV.0060.01 STATION EACH REMARKS				
1130+34 1130+96	34 34										1064+33 24' LT 1 C-01-520 TOTAL 1				
TOTAL	68										TOTAL 1				
						<u>P</u>	AVEMENT I	MARKING E	<u>POXY</u>						
						0106 ICH			646.0406 SAME DAY E						

				PAVE	MENT MARKIN	IG EPOXY				
			646.0106 646.0406							
			SAME DAY EPOXY							
	_		LANE LINE CENTERLINE CENTERLINE			4-INCH		646.0126	647.0110	
		EDGELINE	WHITE	NO PASSING	PASSING	NO PASSING	PASSING	8-INCH	RAILROAD	
		WHITE	DASHED	YELLOW	YELLOW	YELLOW	YELLOW	WHITE	CROSSING	
STATION - STATION	LOCATION	LF	LF	LF	LF	LF	LF	LF	EACH	REMARKS
954+40 - 1130+65	RT & LT	35250								
954+40 - 960+21	CL			581	145	581	145			
960+21 - 995+06	CL				871		871			
995+06 - 1007+73	CL			317	1267	317	1267			
1007+73 - 1009+31	CL				40		40			
1009+31 - 1017+76	CL			845	212	845	212			
1017+76 - 1021+45	CL			738		738				
1021+45 - 1030+43	CL			898	225	898	225			
1029+38 - 1032+02	CL		66							PASSING LANE AT COUNTY F
1030+43 - 1043+63	CL			1320	330	1320	330			
1043+63 - 1126+00	CL				2060		2060			
1093+79 - 1095+39	RT							160		TURN LANE AT DIXIE LANE
1107+50 - 1109+10	RT							160		TURN LANE AT VEGA STREET
1126+00 - 1129+70	CL			370	93	370	93			
1129+70 - 1130+96	CL			252						
1127+60 - 1130+35	RT								1	UNION PACIFIC RAILROAD CROSSING
	SUB TOTALS	35250	66	5321	5243	5069	5243			
	TOTALS		4588	30		103	312	320	1	
40-01-72	HWY: STH 13		MISCELLAN	MISCELLANEOUS QUANTITIES			SHEET			
				PLOT D	ATE :	PLOT B	Y :	PLOT NA	AME :	PLOT SCALE : 1:1







Standard Detail Drawing List

08E09-06	SILT FENCE
09A01-13A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
13A11-02A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-02B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13B01-10	PAVEMENT DETAILS FOR RAILROAD APPROACH
14B29-01	SAFETY EDGE
14B42-03A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-03B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-03C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-02A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-02C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-04A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-04D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
15C02-06A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06B	BARRI CADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C04-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M. P. H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15005-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M. P. H. OR LESS
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16B	PAVEMENT MARKING (INTERSECTIONS)
15C09-09A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C19-03A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15D28-03	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

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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.

- \bigcirc 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)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

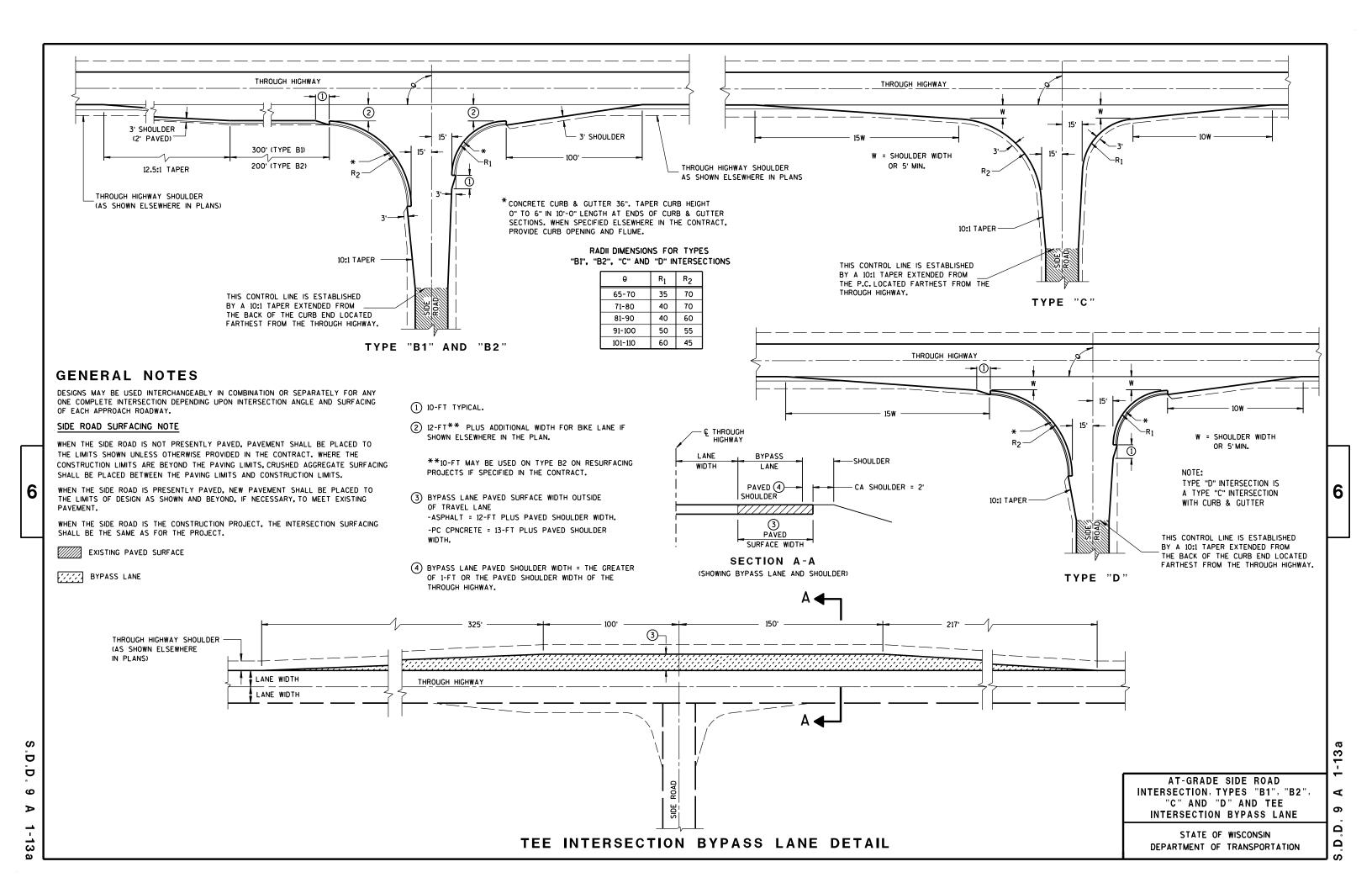
APPROVED
4-29-05 /S/ Beth Cannestra

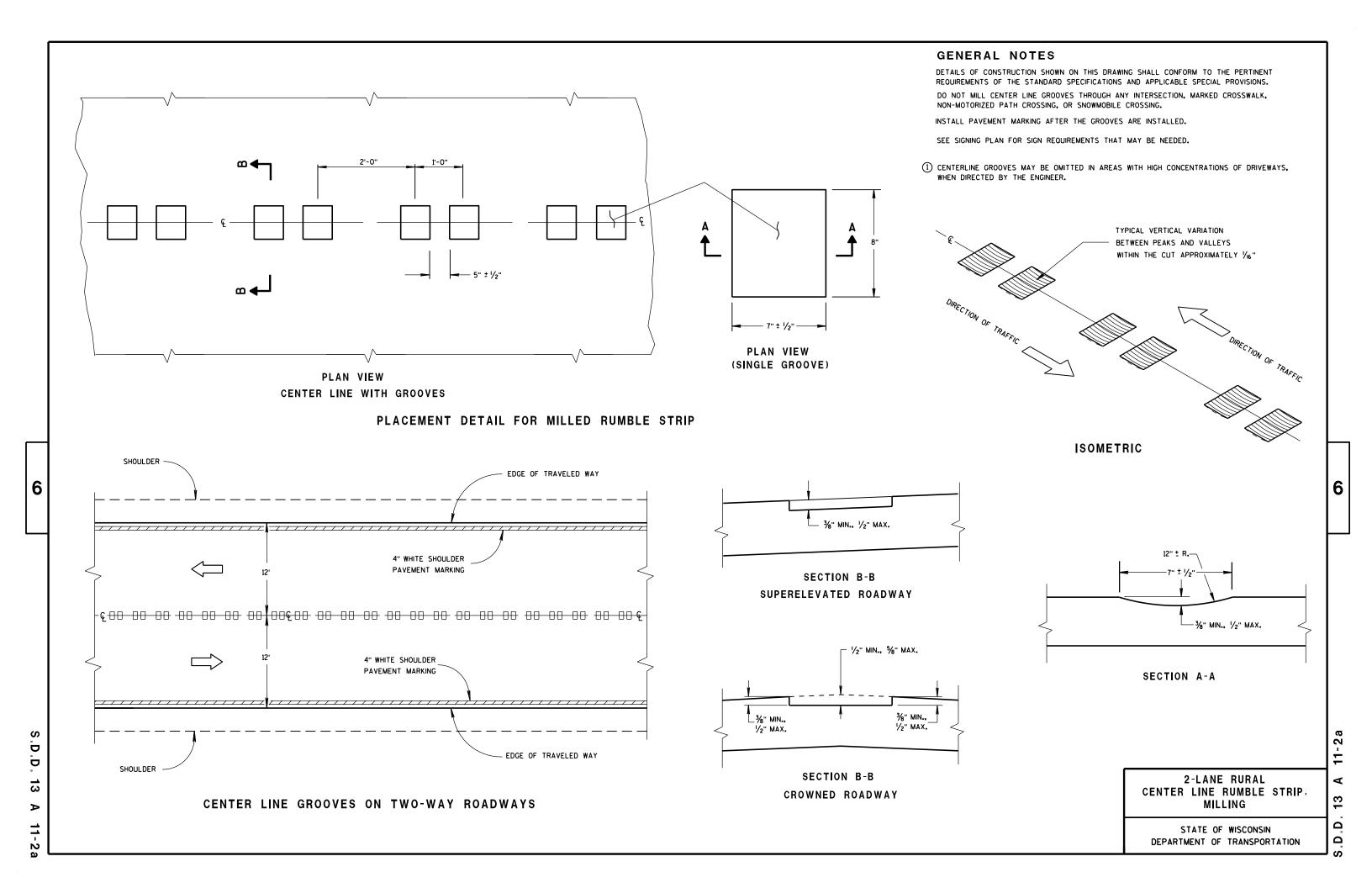
29-05 /S/ Beth Cannestra
DATE CHIEF ROADWAY DEVELOPMENT ENGINEER

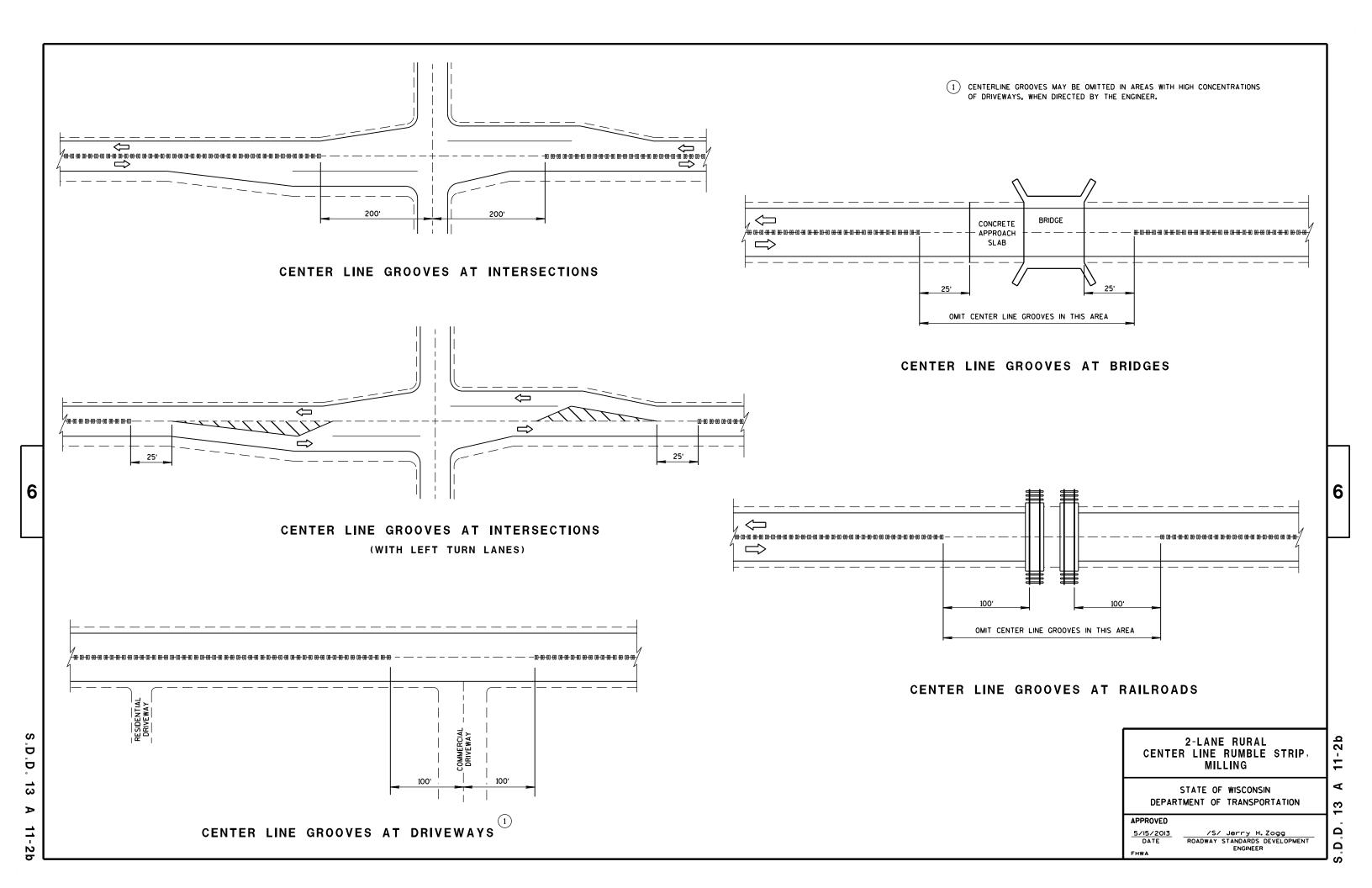
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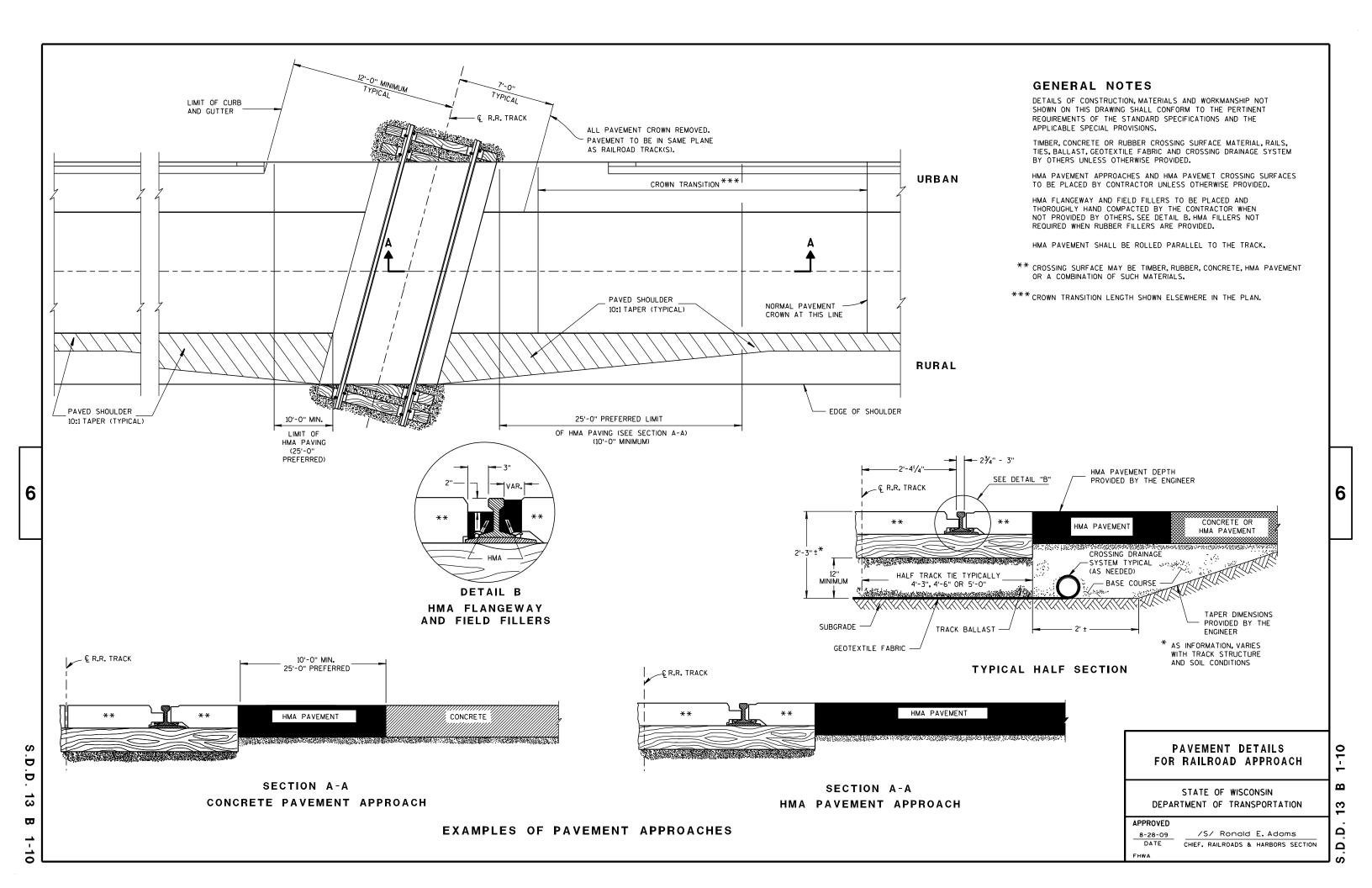
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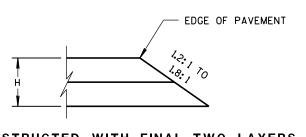
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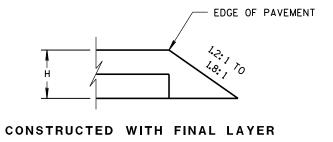








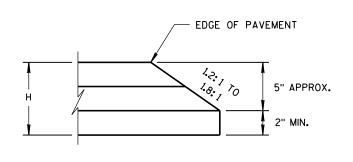


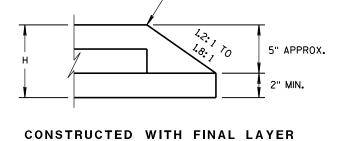


FOR H 5" OR LESS

CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS





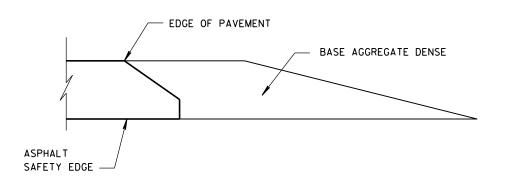
FOR H GREATER THAN 5"

EDGE OF PAVEMENT

CONSTRUCTED WITH FINAL TWO LAYERS

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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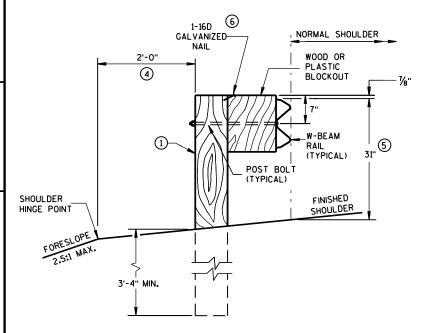
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APPROVED

DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER

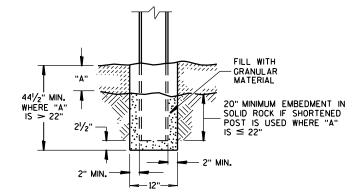
GENERAL NOTES

- (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 21/2 INCHES 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 273/4" TO 32".
- (6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.



END VIEW

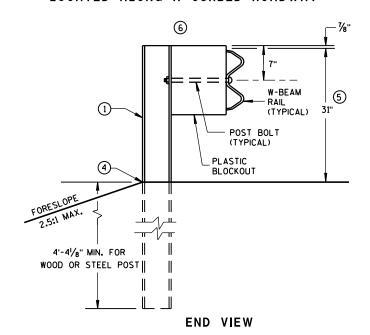
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



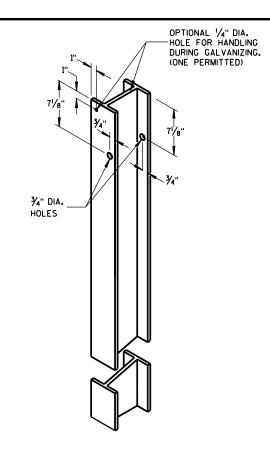
SETTING STEEL OR WOOD POST IN ROCK $^{\scriptsize{\textcircled{3}}}$



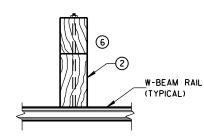
END VIEW
LOCATED ALONG A CURBED ROADWAY



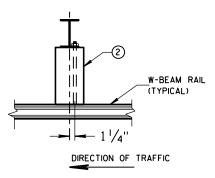
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



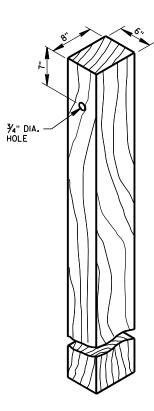
STEEL POST & HOLE PUNCHING DETAIL (w6X9)



PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



PLAN VIEW
STEEL POST,
PLASTIC BLOCKOUT & BEAM



WOOD POST (6" X 8") NOMINAL $^{\scriptsize \textcircled{1}}$



WOOD OR PLASTIC BLOCKOUT

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

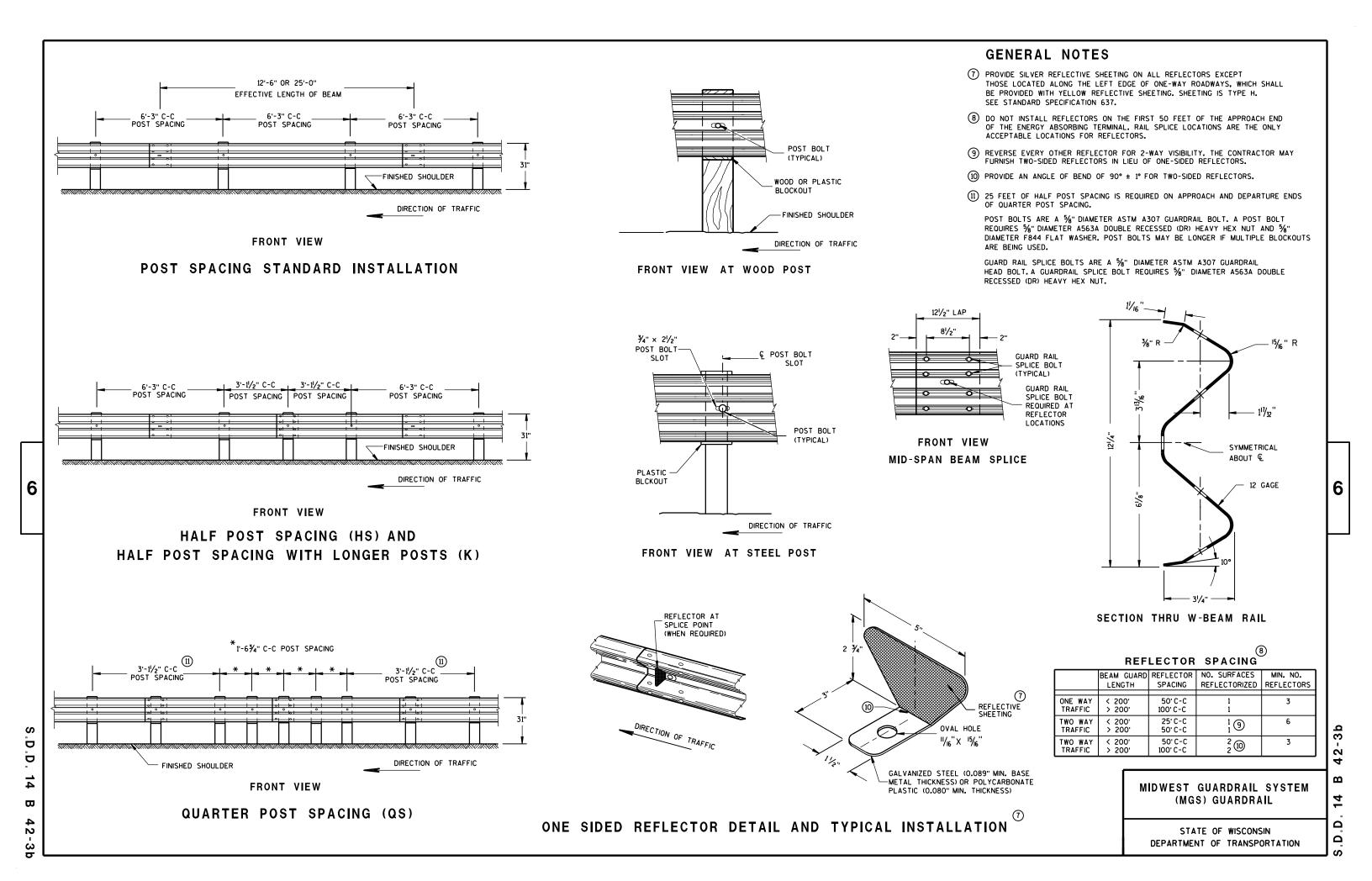
S.D.D. 14 B 4

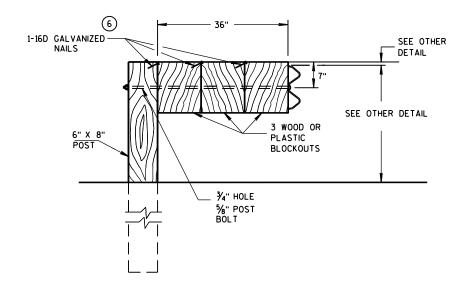
6

.D.D. 14 B

3a

2



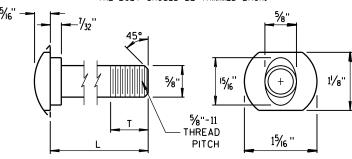


DETAIL FOR 36" BLOCKOUT DEPTH

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.

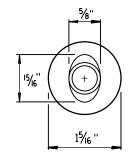
> DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

NOTE: 1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF $\frac{1}{16}$ ". 2. IF THE BOLT EXTENDS MORE THAN 1/4" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

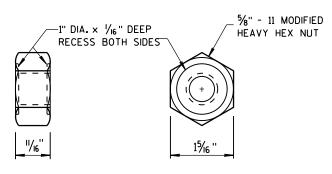


POST BOLT TABLE

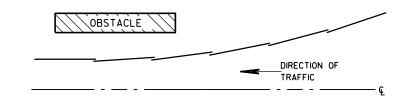
11/8"
437
13/4"
4"
41/16"
4"
41/16"
4"



ALTERNATE BOLT HEAD

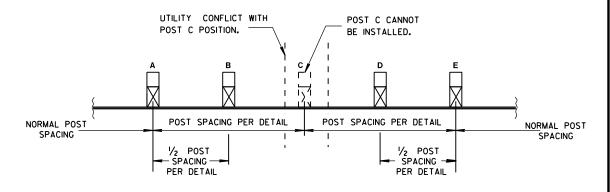


POST BOLT AND RECESS NUT



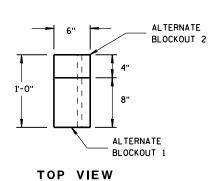
PLAN VIEW

BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION





SIDE VIEW

ALTERNATE WOOD **BLOCKOUT DETAIL**

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

June 2014 /S/ Jerry H. Zogg ROADWAY STANDARDS DEVELOPMENT ENGINEER FHWA

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S.D.D.

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SECTION A-A SECTION B-B

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
2	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.
(11)	STANDARD W-BEAM RAIL.MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
12	END SECTION EAT
(3)	0.040" ALUMINUM SHEET WITH REFLECTIVE SHEETING TYPE F PER SECTION 637 OF THE STANDARD SPECIFICATIONS
14)	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)



MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

44-2b

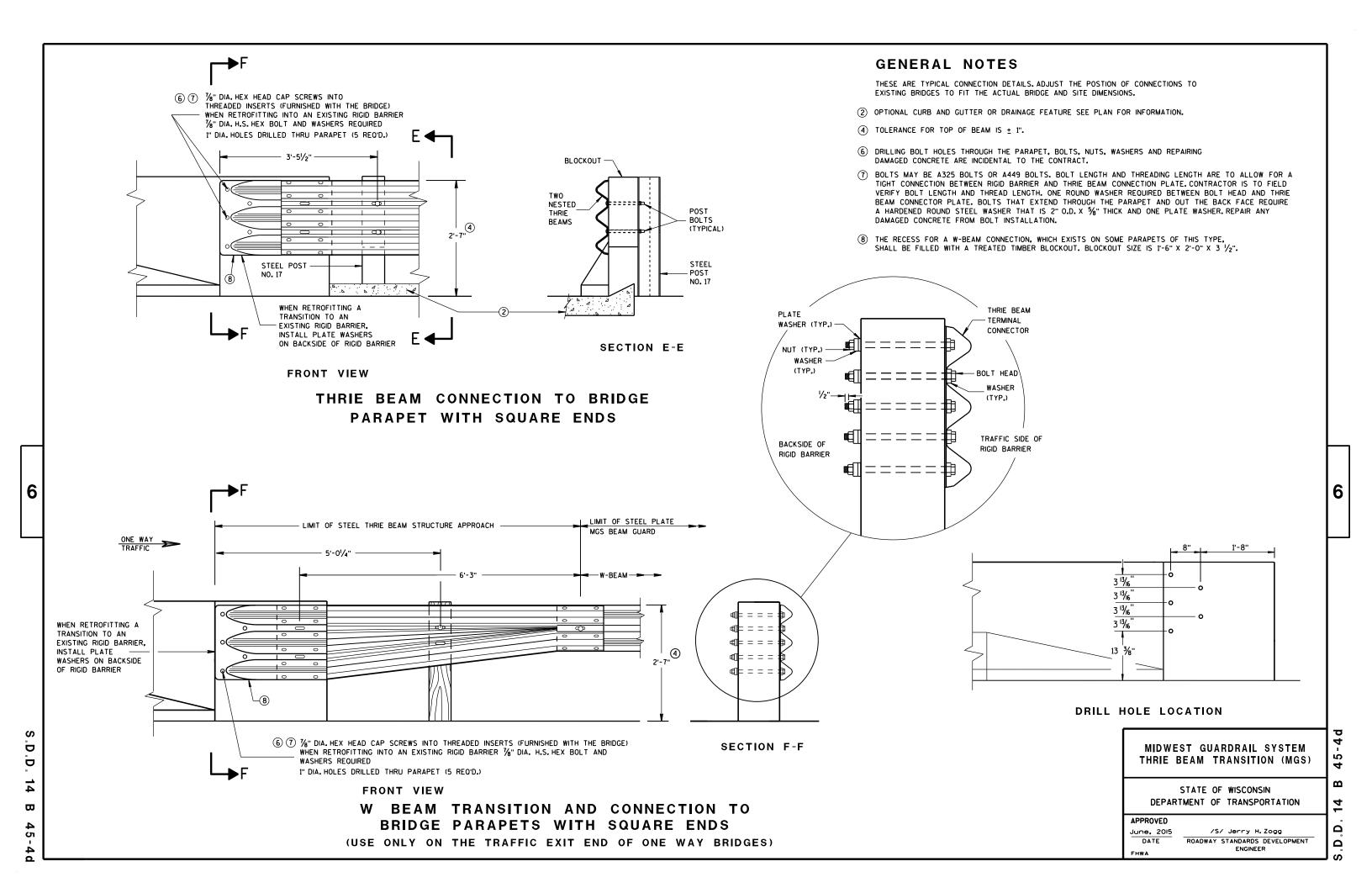
 $\mathbf{\omega}$ 14 .D.D.













ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E LANE CLOSURE BARRICADE DETAIL APPROACH VIEW

SEE SDD 15C2-SHEET "a" FOR LEGEND

GENERAL NOTES

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE

THE R11-2, R11-3, M4-9, R11-4 AND R10-61 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

"WO AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

R11-2 SHALL BE 48" X 30". R11-3, R11-4 AND R10-61 SHALL BE 60" X 30". M4-9 SHALL BE 30" X 24". M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.) M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.) M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.) MO5-1 AND MO6-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.) D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS. R1-1 SHALL BE 36" X 36".

- (1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT
- THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.
- FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.
- FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.
- FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.
- INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS. PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.
- "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

2

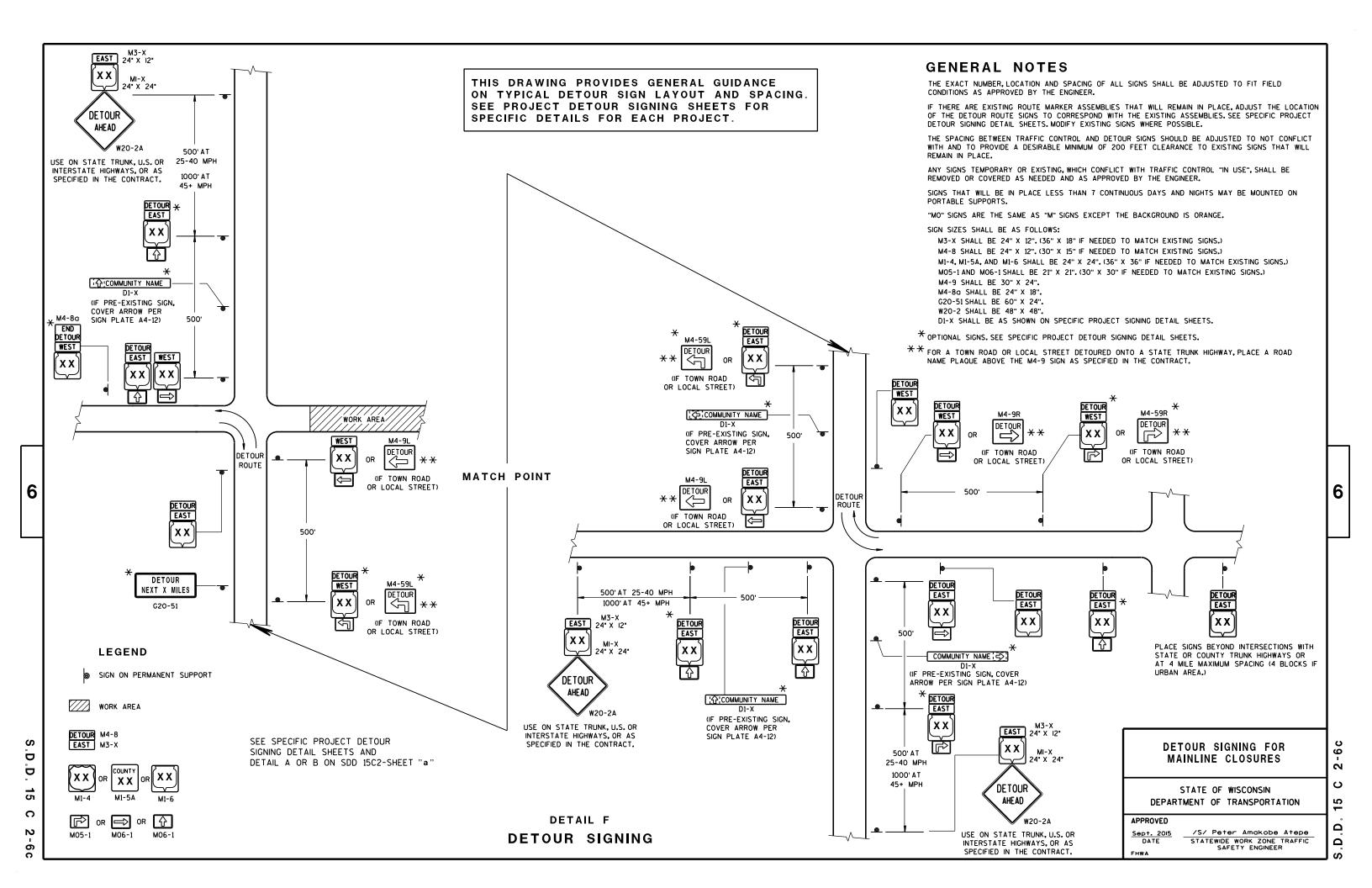
2

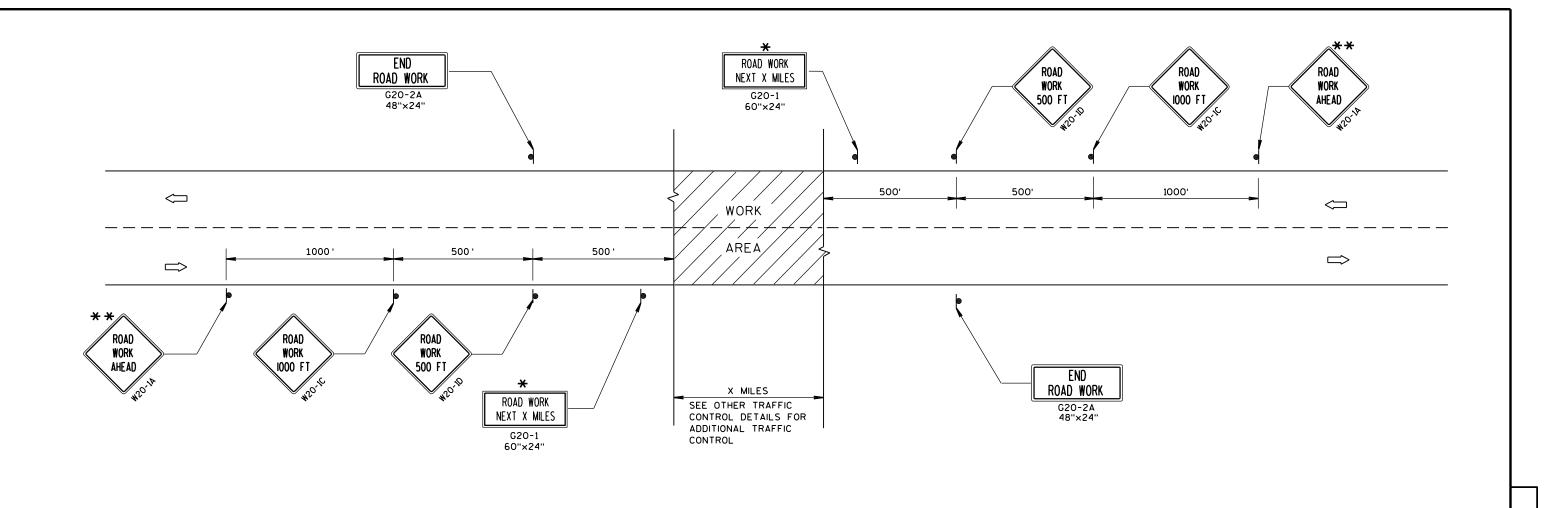
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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

/S/ Peter Amakobe Atepe

STATEWIDE WORK ZONE TRAFFIC SAFETY 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.

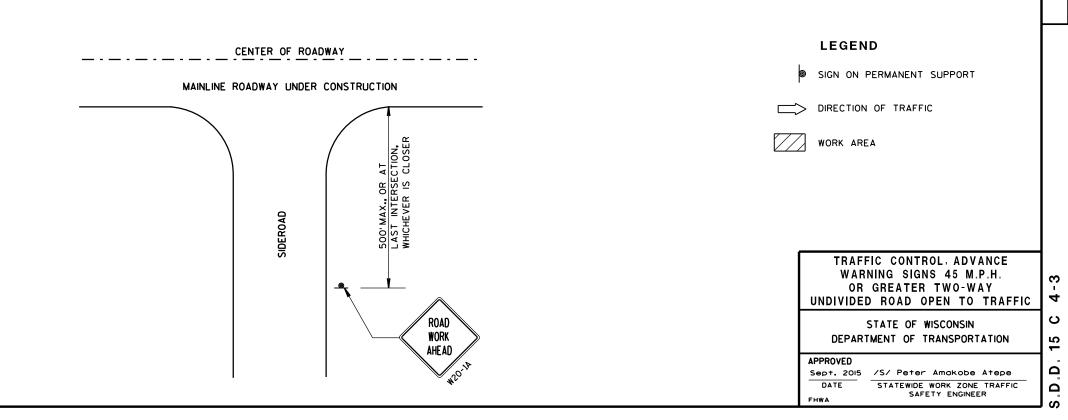
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"×48" 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.

- $igspace{}{\bigstar}$ OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.
- ** PLACE ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



6

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S.D.D. 15 C 4-

GENERAL NOTES

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

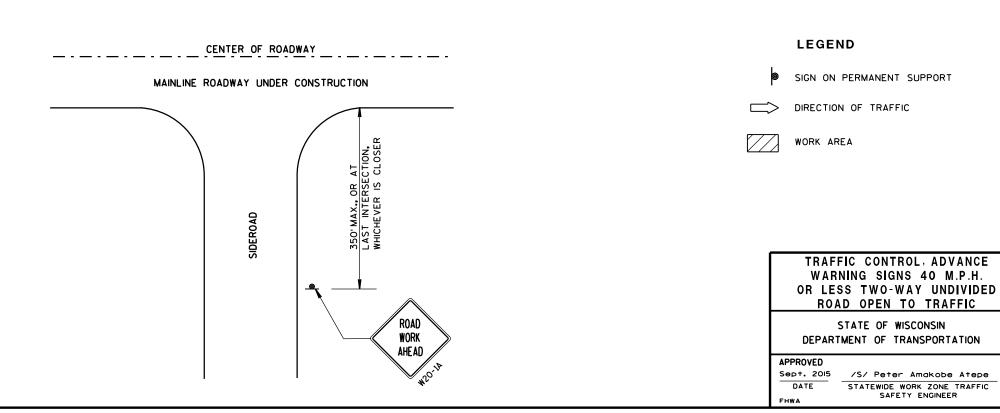
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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

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

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

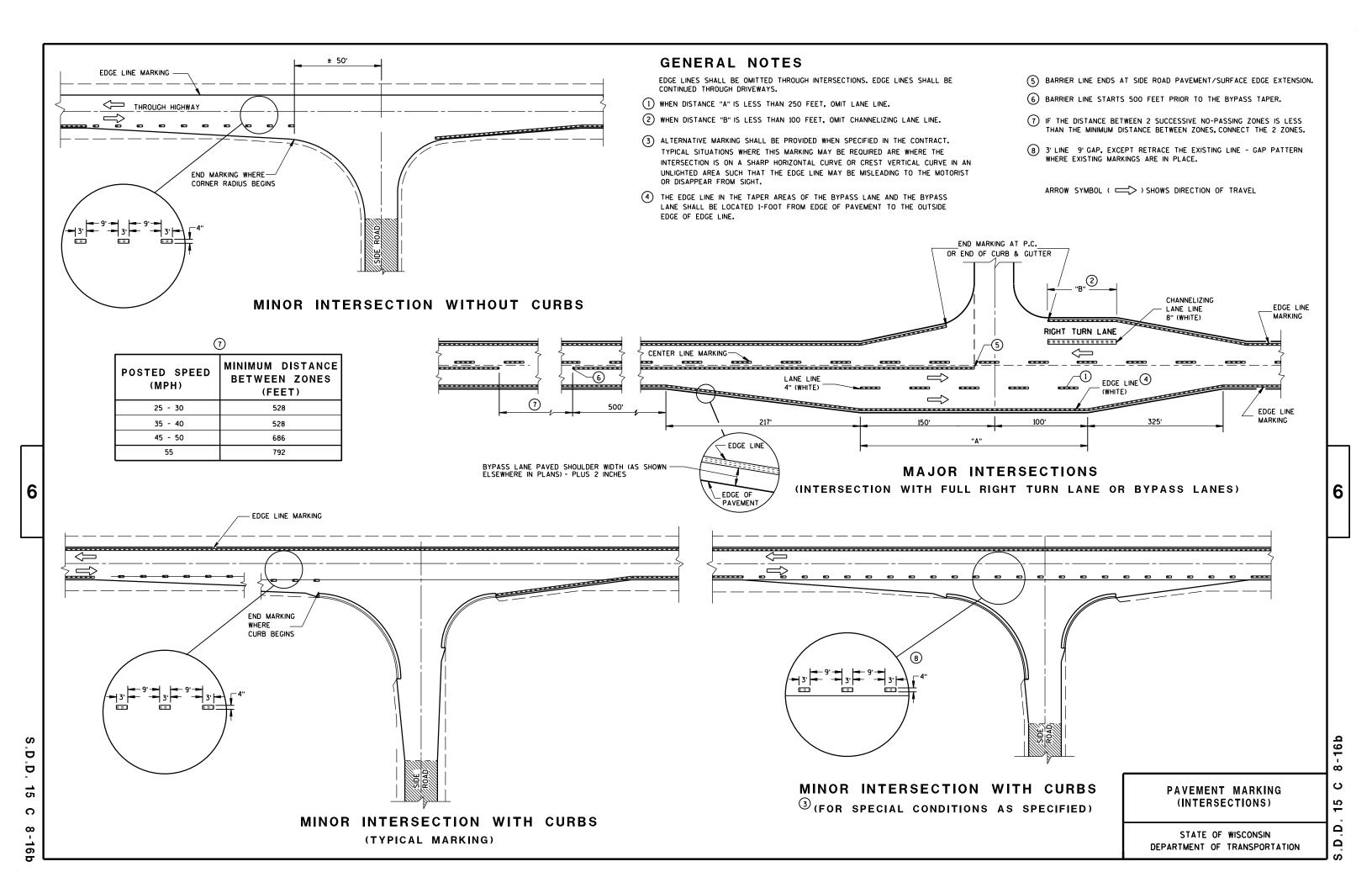


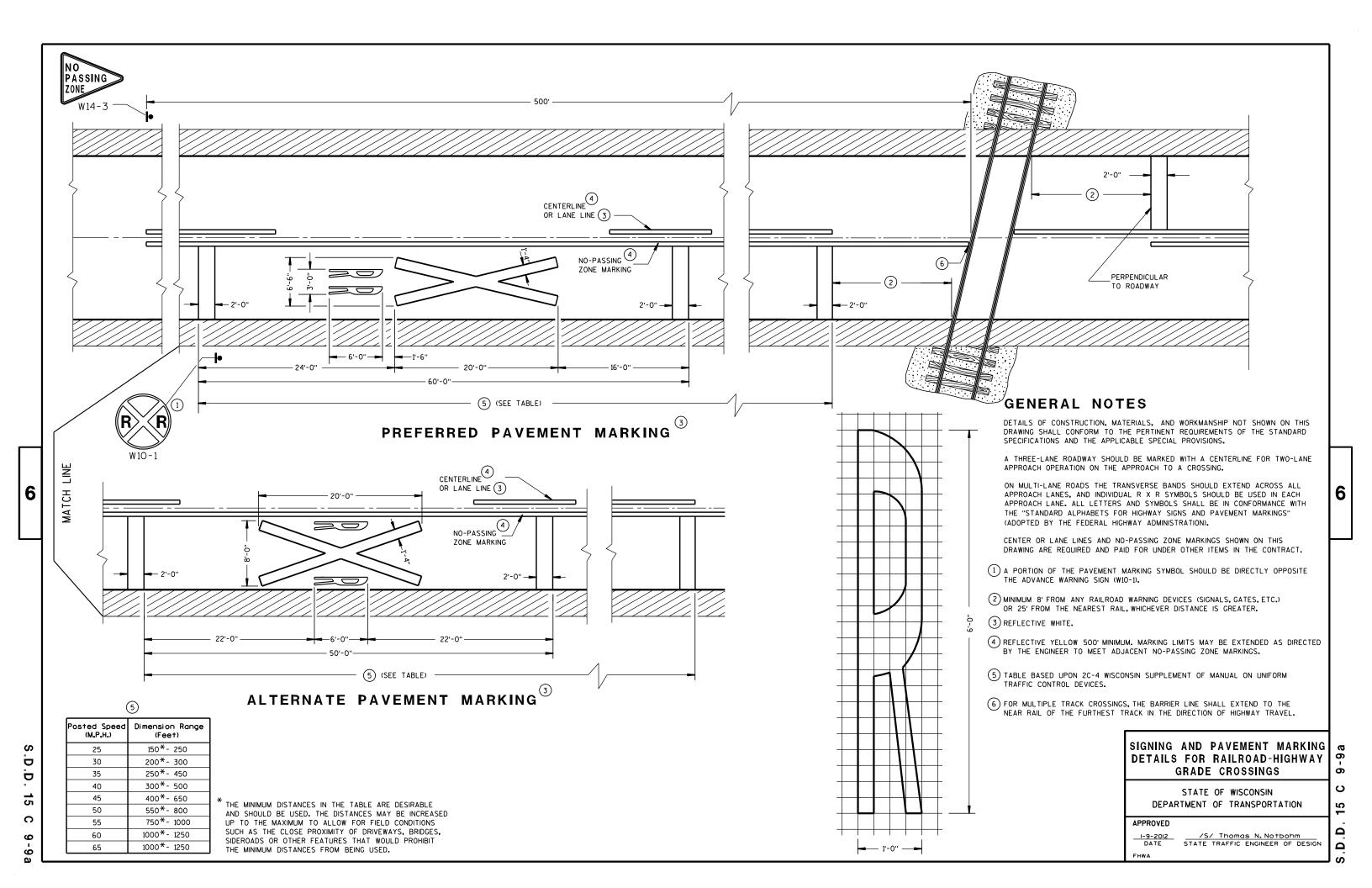
6

5-

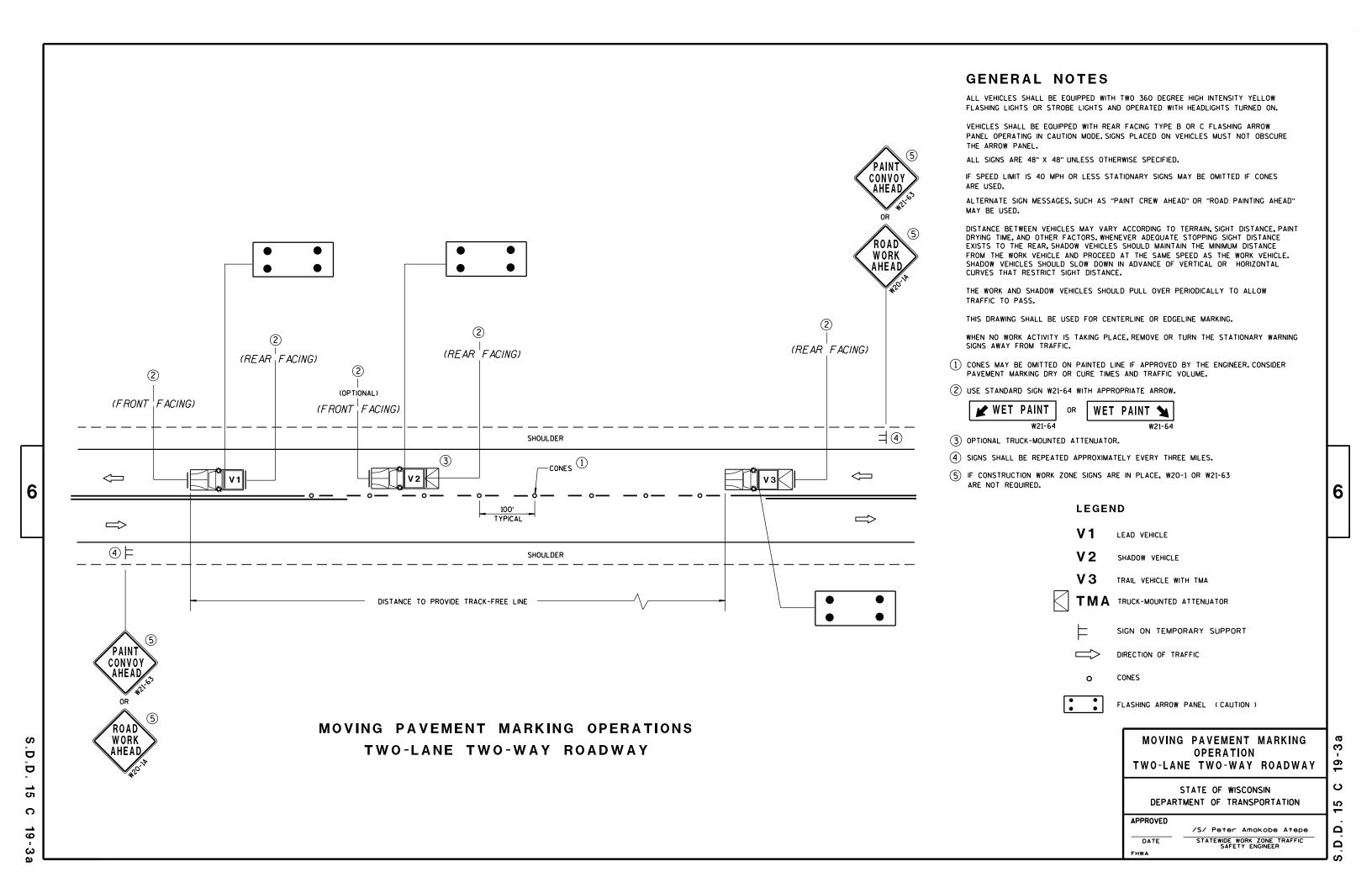
Ω

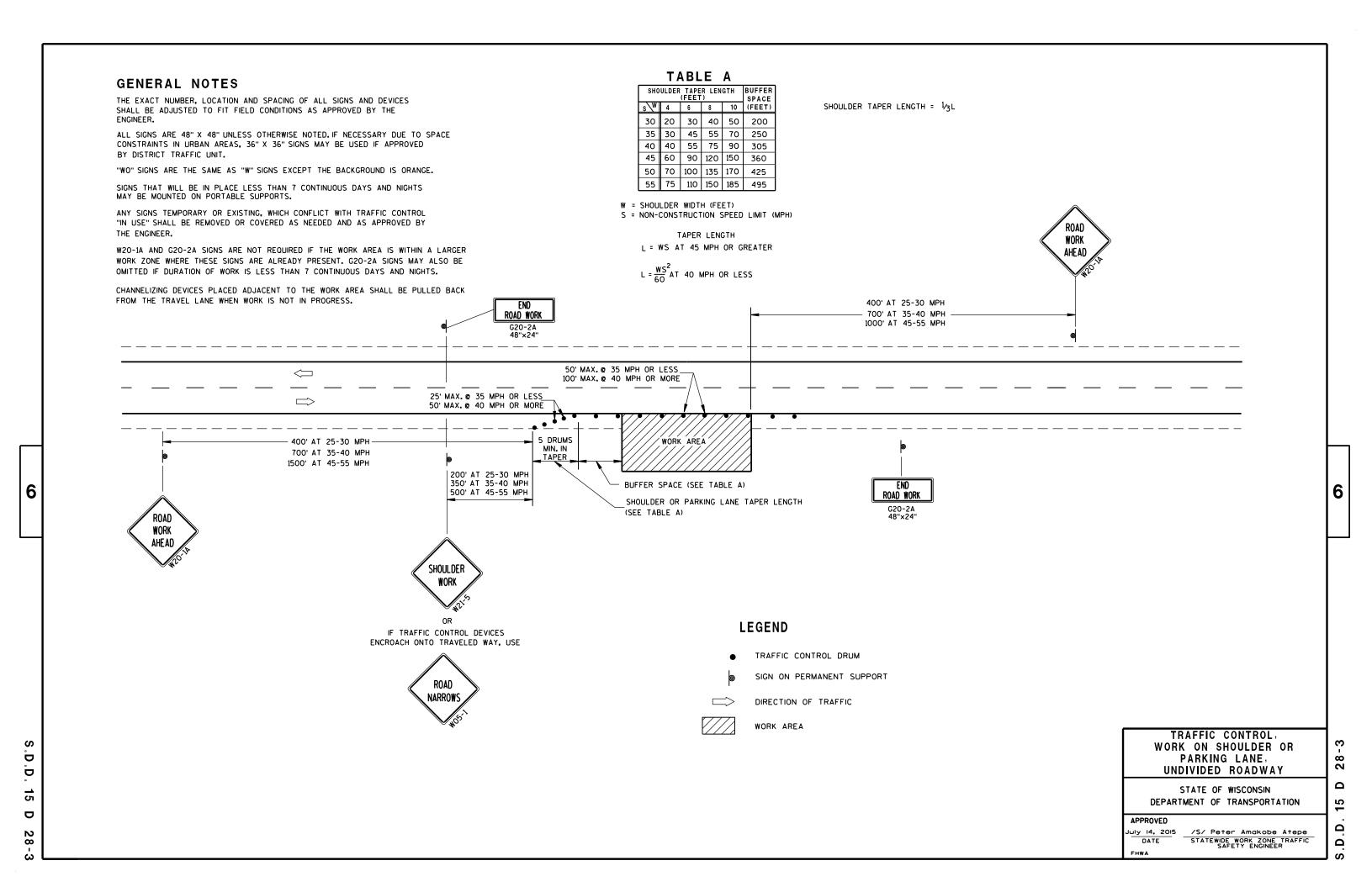


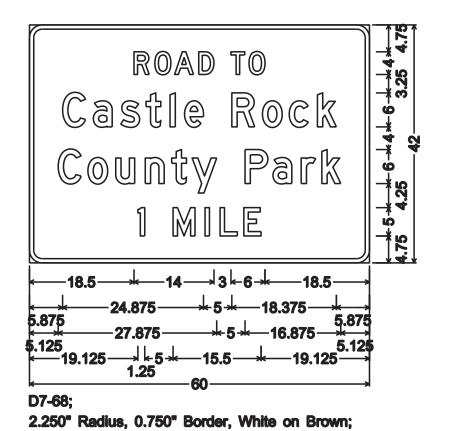






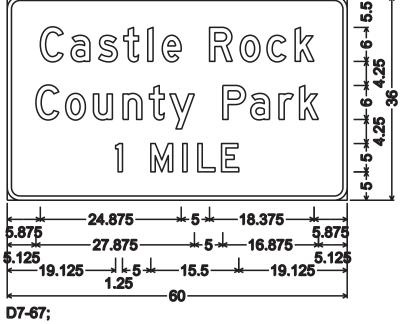






"ROAD" D; "TO" D; "Castle" D; "Rock" D;

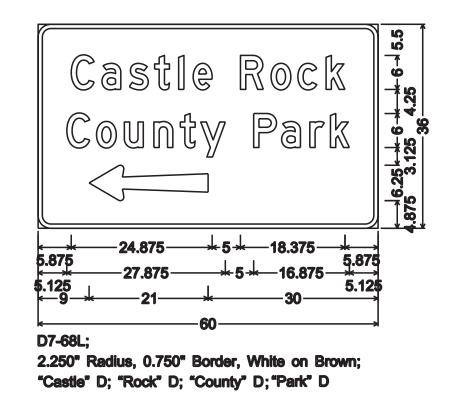
"County" D; "Park" D; "1" D; "MILE" D

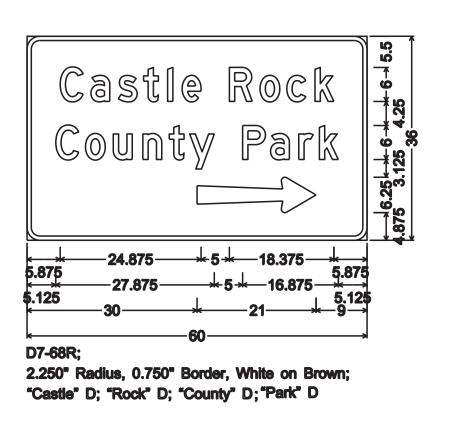


2.250" Radius, 0.750" Border, White on Brown

"Castle" D; "Rock" D; "County" D;

"Park" D; "1" D; "MILE" D;



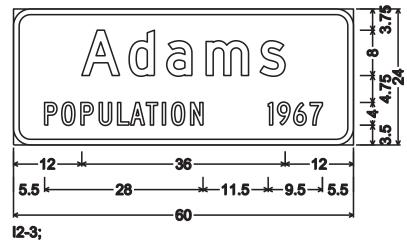


NOTES

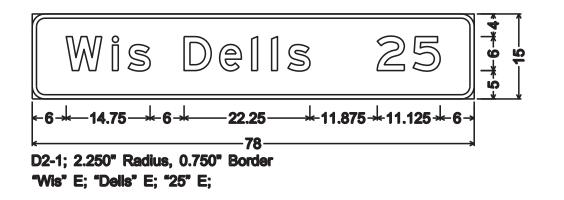
- 1. All Signs Type II Type H Reflective except as noted
- 2. Color:

Background - GREEN except as noted Message - WHITE

3. Message Series - D except as noted



12-3; 3.000" Radius, 1.000" Border "Adams" D; "POPULATION" C; "1967" C



PROJECT NO: 6140-01-72

HWY: STH 13

COUNTY: ADAMS

PERMANENT SIGNING

SHEET NO:

V

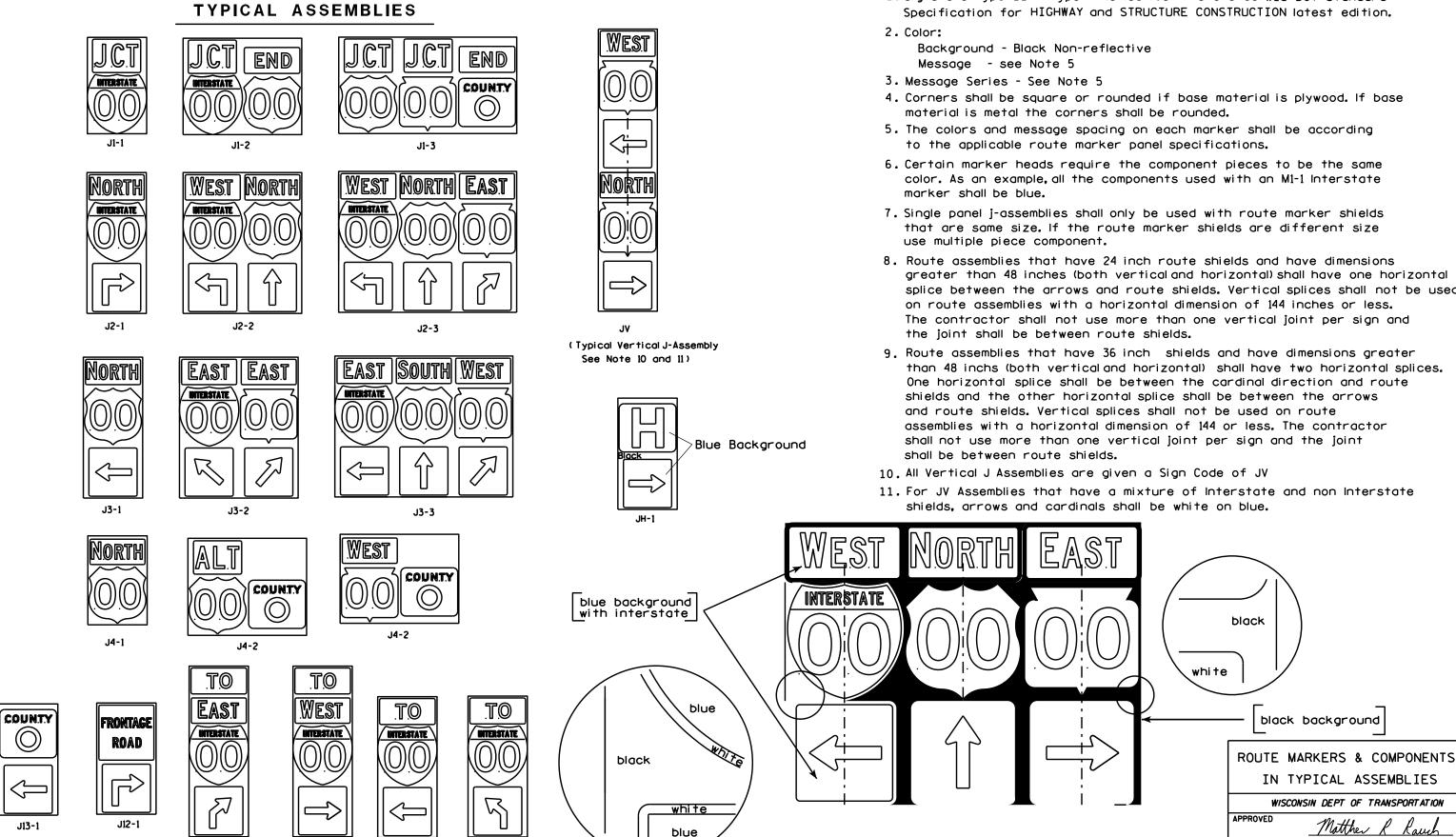
PLOT DATE: 05-NOV-2015 11:43

PLOT BY: \$8...plotuser...\$8 PLOT NAME:

PLOT SCALE : 26.987225:1.000000

1. Signs are Type II - Type H Reflective - reference WIS DOT Standard

areater 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.



PROJECT NO:

J32-1

J22-1

J23-1

J33-1

PLOT BY: mscsja

PLATE NO. __A2-15.8

DATE 2/06/14

SHEET NO:

URBAN ARFA



RURAL AREA (See Note 2)



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



5'-3"(生) D^{-1} Outside Edae of Gravel

White Edgeline Location

** 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.

HWY:

* 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.

PLOT BY : mscj9h

GENERAL NOTES

- 1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
- 2. If signs are mounted on barrier wall, see A4-10 sign plate.
- 3. For expressways and freeways, mounting height is $7'-3''(\pm)$ or 6'-3" (±) depending upon existence of a sub-sign.
- 4. Minimum mounting height for J assemblies (A2-1S) 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 signs shall be mounted at a height of 5'-3'' (\pm) or as directd by the Engineer.
- 9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (\pm) . The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3'' (\pm).

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

for State Traffic Engineer

DATE 7/23/15

PLATE NO. <u>A4-3.20</u>

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A43.DGN

PROJECT NO:

PLOT DATE: 23-JUL-2015 15:21

COUNTY:

PLOT NAME :

PLOT SCALE: 99.237937:1.000000



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



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

HWY:



PLAN VIEW

COUNTY:

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer

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

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN

PROJECT NO:

PLOT DATE: 27-JAN-2014 09:48

PLOT NAME :

PLOT BY: mscsja

PLOT SCALE: 13.659812:1.000000

APPROVED

GENERAL NOTES

- 1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
- 2. See tables below for required number of posts.
- 3. For expressways and freeways, mounting height is 7'-3'' (±) or 6'-3'' (±) depending upon existence of sub-sign.
- 4. The (±) tolerance for mounting height is 3 inches.
- 5. Minimum mounting height for J assemblies (A2-1S) is 7'-3'' (±) or 6'-3'' (±) per urban or rural detail respectively.
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
- 8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8). Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).
- * 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.
- ** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.
- *** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

URBAN AREA RURAL AREA (See Note 3) 2'Min - 4'Max (See Note 6) ₩E# FF# 6'-3"(±) 6'-3"(±) 7'-3"(±) ** Curb ****\ Flowline D **7000** White Edgeline D 11 White Edgeline, Location Outside Edae Location

2'Min - 4'Max (See Note 6) 6'-3"(±) Curb Flowline. -11

48" DIAMOND WARNING SIGN

HWY:

_ 26" 5 ' - 3 "(±) White Edgeline Location Outside Edge of Gravel 48" DIAMOND WARNING SIGN

COUNTY:

Outside Edge

of Gravel

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

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

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

POST EMBEDMENT DEPTH

of Gravel

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

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

Matther

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A44.DGN

PROJECT NO:

PLOT DATE: 23-JUL-2015 15:23

PLOT SCALE: 107.021305:1.000000

WISDOT/CADDS SHEET 42

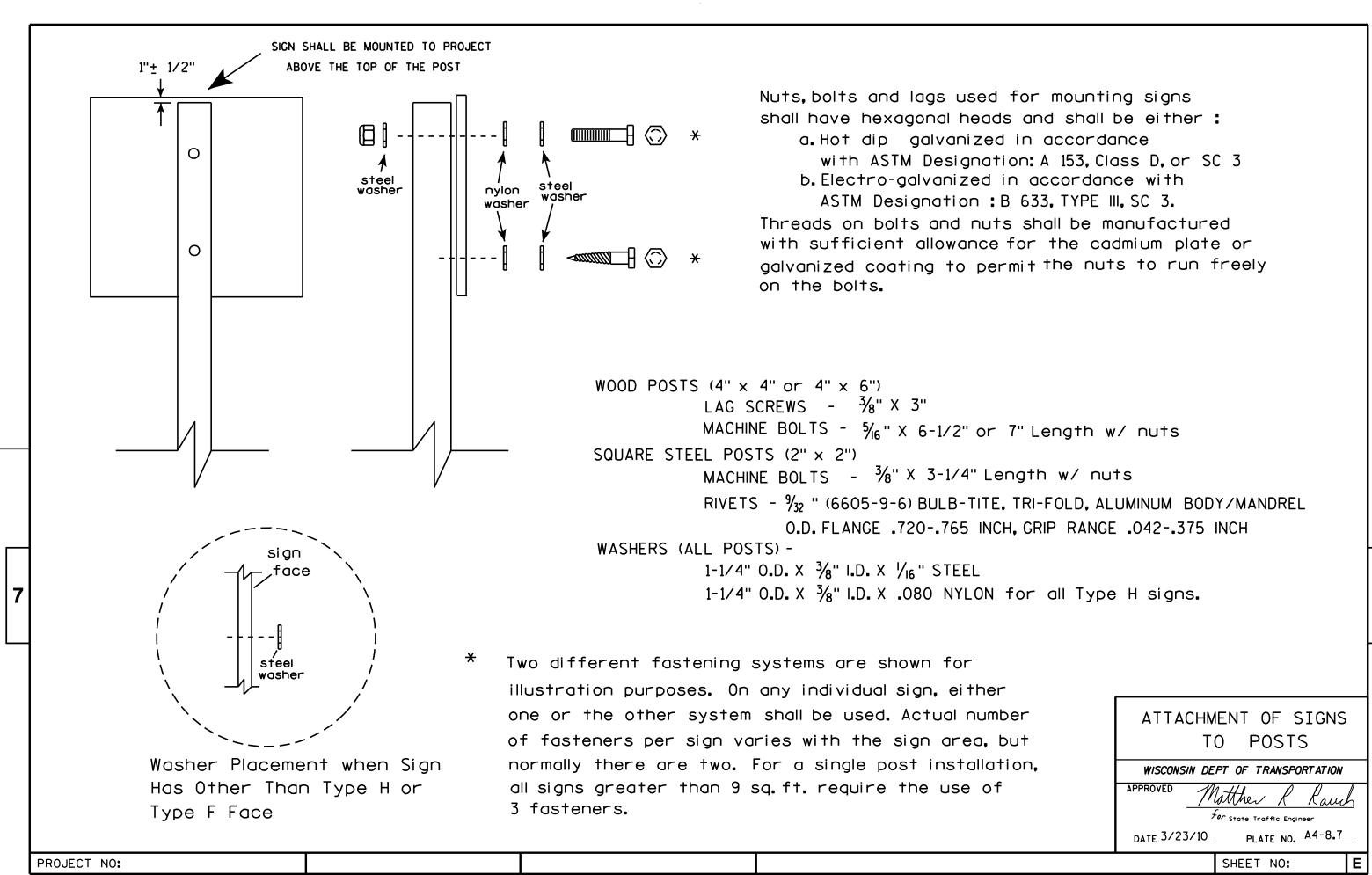
PLOT NAME :

PLOT BY: mscj9h

WISCONSIN DEPT OF TRANSPORTATION APPROVED

For State Traffic Engineer

PLATE NO. 44-4.14 DATE 7/23/15





PROJECT NO: HWY: COUNTY: SHEET NO: FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE: 05-FEB-2015 17:09 PLOT BY: mscsja PLOT NAME : PLOT SCALE: 13.659812:1.000000

DATE 2/05/15

PLATE NO. <u>A4-9.9</u>

For State Traffic Engineer

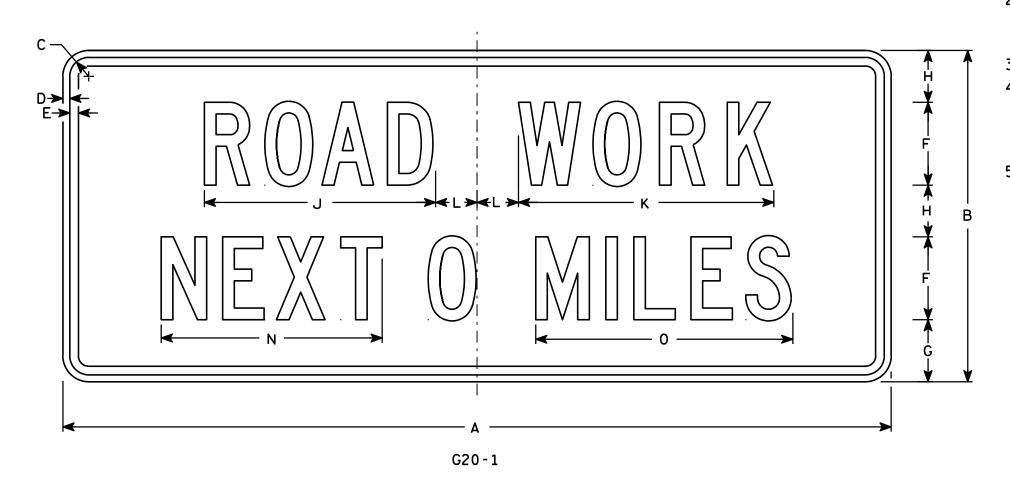


NOTES

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

Background - Orange Message - Black

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance



7

Metric equivalent for this sign is:

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

PROJECT NO:

SIZE	Α	В	_ C _	D	Ε	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	T	U	٧	₩	X	Y	Z	Area sq. ft.	Area m2
1																												
2	60	24	1 3/8	1/2	5/8	6	4 1/2	3 ¾		16 ¾	18 1/2	3		16	18 %												10	.90
3																												
4	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4		16 ¾	18 ½	3		16	18 %												10	.90
5																												

COUNTY:

STANDARD SIGN G20-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Chests J Spane

Ar State Traffic Engineer

DATE 4/8/97 PLATE NO. 620-1.7

DATE 47 07 31

SHEET NO:

HWY:

PLOT NAME :

NOTES

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

2. Color:

Background - Orange Message - Black

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



Metric equivalent for this sign is:

SIZE	Α	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.	Area m2
1	36	18	1 1/8	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5	0.41
2	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 1/8	6 3/4	16 ¾	2 1/2	1 3/4	18 ½													8.0	0.72

COUNTY:

STANDARD SIGN G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED 400 110 00 00 110

for State Traffic Engineer

DATE 9/30/09 PLATE NO. G20-2A.8

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\G202A.DGN

HWY:

PROJECT NO:

PLOT DATE: 30-SEP-2009 09:31

PLOT BY : ditjph

PLOT NAME :

PLOT SCALE : 5.561773:1.000000

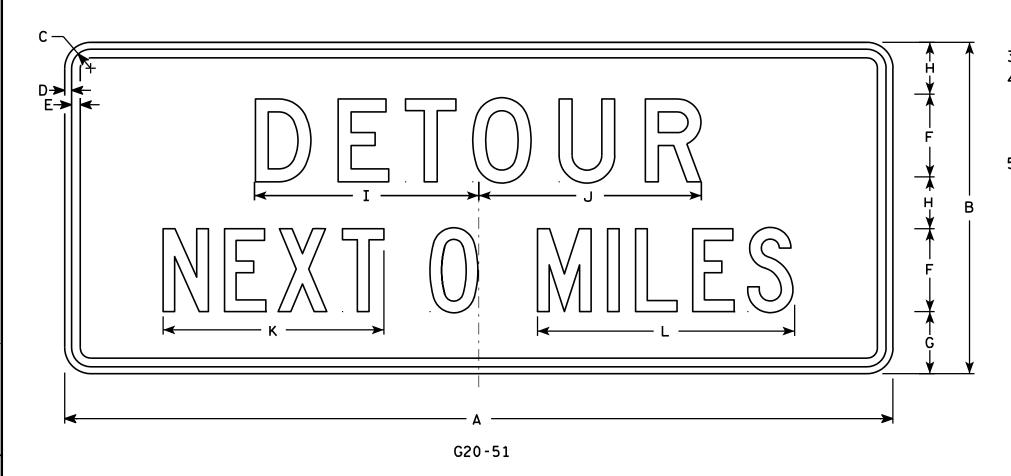
5.561773:1.000000 WISDOT/CADDS SHEET 42

NOTES

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

Background - Orange Message - Black

- 3. Message Series Line 1 is D and Line 2 is C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance



Metric equivalent for this sign is:

PROJECT NO:

1 2 1500 mm x 600 mm 3 4 1500 mm x 600 mm 5

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	ared sq. ft.	m2
1																												
2	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 %															10	.90
3																												
4	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 %															10	.90
5																												
5			, 0					, ,	* .																			

COUNTY:

STANDARD SIGN G20-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew & Rauch For State Traffic Engineer

DATE 12/20/02

PLATE NO. G20-51.1

SHEET NO:

FILE NAME : C:\Users\Projects\tr_stdplate\G2051.DGN

HWY:

PLOT DATE: 12-OCT-2005 17:06

PLOT BY : DITJPH

PLOT SCALE : 4

PLOT NAME :

PLOT SCALE: 6.954303:1.000000

HWY:

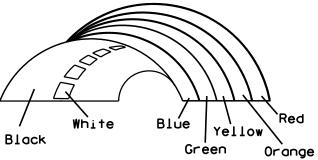
Background Colors of Symbol*

Z F Z

A F X A

₽ 4

* VARIES



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

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

For State Traffic Engineer

DATE 4/27/11 PLATE NO. 15!

ATE 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

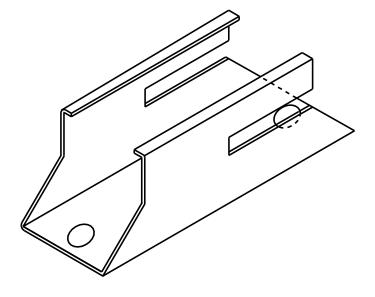
PLOT BY: mscj9h

PLOT NAME :

PLOT SCALE: 7.945391:1.000000

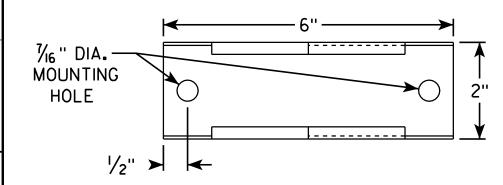
945391:1.000000 WISDOT/CADDS SHEET 42

ISOMETRIC VIEW

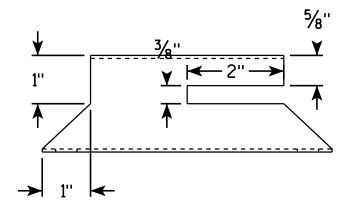


TOP VIEW

HWY:



SIDE VIEW



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

PROJECT NO:

1/4" **>** | **-** 1/4" **-** | **-** 1/4" **-** | **-** 1/4" **-** | **-** 1/4"

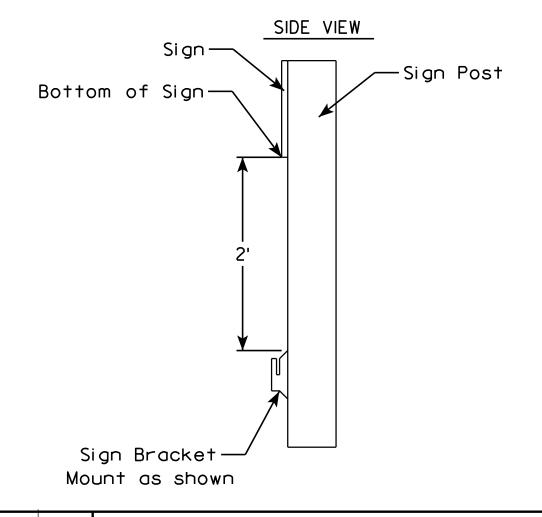
← 2" →

COUNTY:

END VIEW

NOTES

- 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 Matthew R Ram

For State Traffic Engineer

DATE 2/5/10 PLATE NO. 155-56B.1

SHEET NO:

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

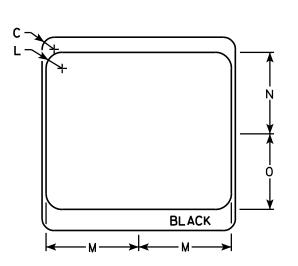
Background - White & Black - See Note 7 Message - Black

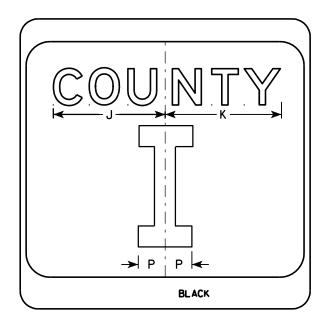
- 3. Message Series see Note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Message Series E for 1 letter.

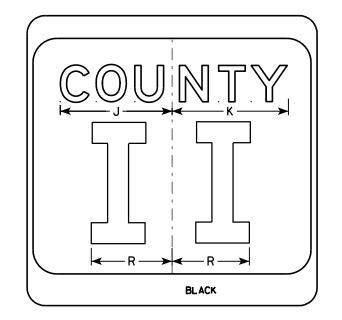
 Message Series D for 2 letters unless
 message is too big then Series C.

 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	Α	В	С	D	E	F	G	Н	I	J	K	٦	М	N	0	Р	0	R	S	T	U	٧	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 %	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 %		10									9.0
4	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 %		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
PRO	IFCT	NO:	·		·	·	Luv	VY:		·	·		COUN	TV•		·				·	·		·				

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther K Rauch

Forstate Traffic Engineer

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

SHEET NO:

BLACK

M1-5A

PLOT NAME :

PLOT SCALE: 5.959043:1.000000

- 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

J M N BLACK N

		F A H H H
Metric equivalent for this sign is:	M1 - 6	

HWY:

PROJECT NO:

900 mm X 900 mm

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	Υ	Z	Area sq. ft.	Area m2
1																												
2	24		1 1/2			12	5 1/2	6 ½	10 1/4	2 1/2	8 %	11 1/2	1	1 %	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 ½	2 1/8	16 1/8	33											9.0	.81
4	36		2 1/4			18	8 3/4	9 1/4	15 ¾	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 ½	2 1/8	16 1/8	33											9.0	. 81

COUNTY:

STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Cheste J Spang

For State Traffic Engineer

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

SHEET NO:

PLOT NAME :

- 1. Sign is Type II Type H
- 2. Color:

Background - See note 5 Message - See note 5

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. M2-1 Background White

Message - Black

MB2-1 Background - Blue

Message - White

MK2-1 Background - Green

Message - White

MM2-1 Background - White

Message - Green

MN2-1 Background - Brown

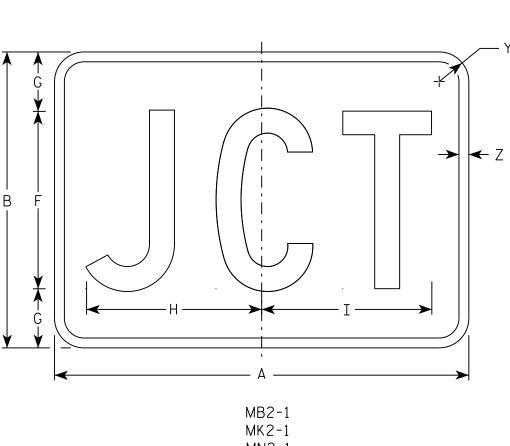
Message - White

MP2-1 Background - White

Message - Blue

MR2-1 Background - Brown

Message - Yellow



MN2-1

MR2-1

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	J	V	W	Х	Υ	Z	Area sq. ft.
1																											
2	21	15	1 1/8	3/8	3/8	9	3	8 1/8	8 %																1 1/2	1/2	2.20
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
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
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

COUNTY:

В

STANDARD SIGN

M2 - 1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew & Rauch f_{or} State Traffic Engineer

DATE 10/15/15

PLATE NO. M2-1.12 Ε

SHEET NO:

FILE NAME · C·\CAFfiles\Projects\tr stdplote\M21 DGN

PROJECT NO:

M2-1

HWY:

MM2-1

MP2-1

PLOT DATE . 01-DEC-2015 17:54

PLOT BY . \$\$ Diotuser \$\$ PLOT NAME :

PLOT SCALE • 4 864603•1 000000







MP3-1









HWY:



NOTES

- 1. All Signs Type II Type H
- 2. Color:

Background - See note 5 Message - See note 5

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

5. M3-1 thru M3-4 Background - White Message - Black

MB3-1 thru MB3-4 Background - Blue

Message - White

MK3-1 thru MK3-4 Background - Green

Message - White

MM3-1 thru MM3-4 Background - White

Message - Green

MN3-1 thru MN3-4 Background - Brown

Message - White

MP3-1 thru MP3-4 Background - White

Message - Blue

6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	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	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 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

COUNTY:

STANDARD SIGNS M3-1 thur M3-4 **SERIES**

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

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

Ε

SHEET NO:

FILE NAME · C·\CAFfiles\Projects\tr stdolote\M31 DCN

PROJECT NO:

PLOT DATE . 01-DEC-2015 17:54

PLOT RY . \$\$ plotuser \$\$ PLOT NAME :

PLOT SCALE . 11 675051.1 000000

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

Background - Orange 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.

) A G	
	;
→ G →	
Y	

Α С E F G H I J S Х Z D 0 10 10 1/4 1 1/8 3/8 3/8 24 2.0 3 36 1 1/8 3/8 1/2 4 1/2 14 5/8 14 1/2 4.5 4 5

COUNTY:

STANDARD SIGN M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 11/10/10 PLATE NO. M4-8.2

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\M48.DGN

PROJECT NO:

HWY:

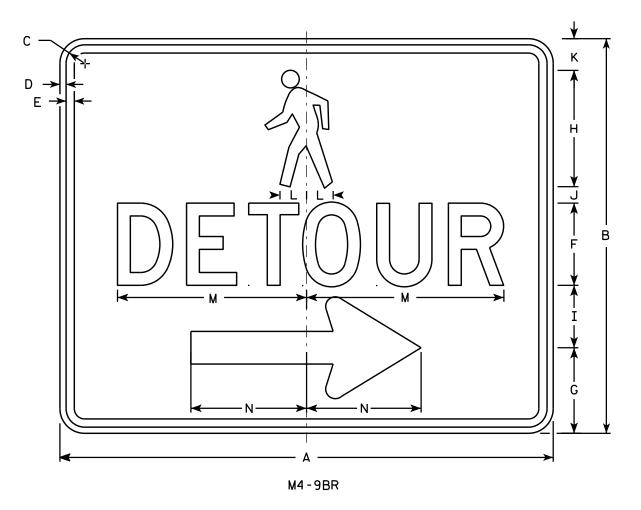
PLOT DATE: 10-NOV-2010 13:18

PLOT BY : ditjph

PLOT SCALE : 4.767

PLOT NAME :

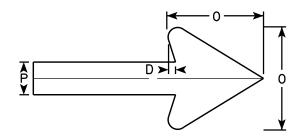
PLOT SCALE: 4.767233:1.000000



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

Background - Orange Message - Black

- 3. Message Series D
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. M4-9BL is the same as M4-9BR except the arrow is reversed.



Arrow Detail

SIZE	A	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	P	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1																											
2	30	24	1 1/8	3/8	1/2	5	5 1/4	7 1/8	3 3/4	1	1 1/8	1 1/8	11 3/4	7	6	2											5.00
3																											
4																											
5																											

COUNTY:

STANDARD SIGN M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED M

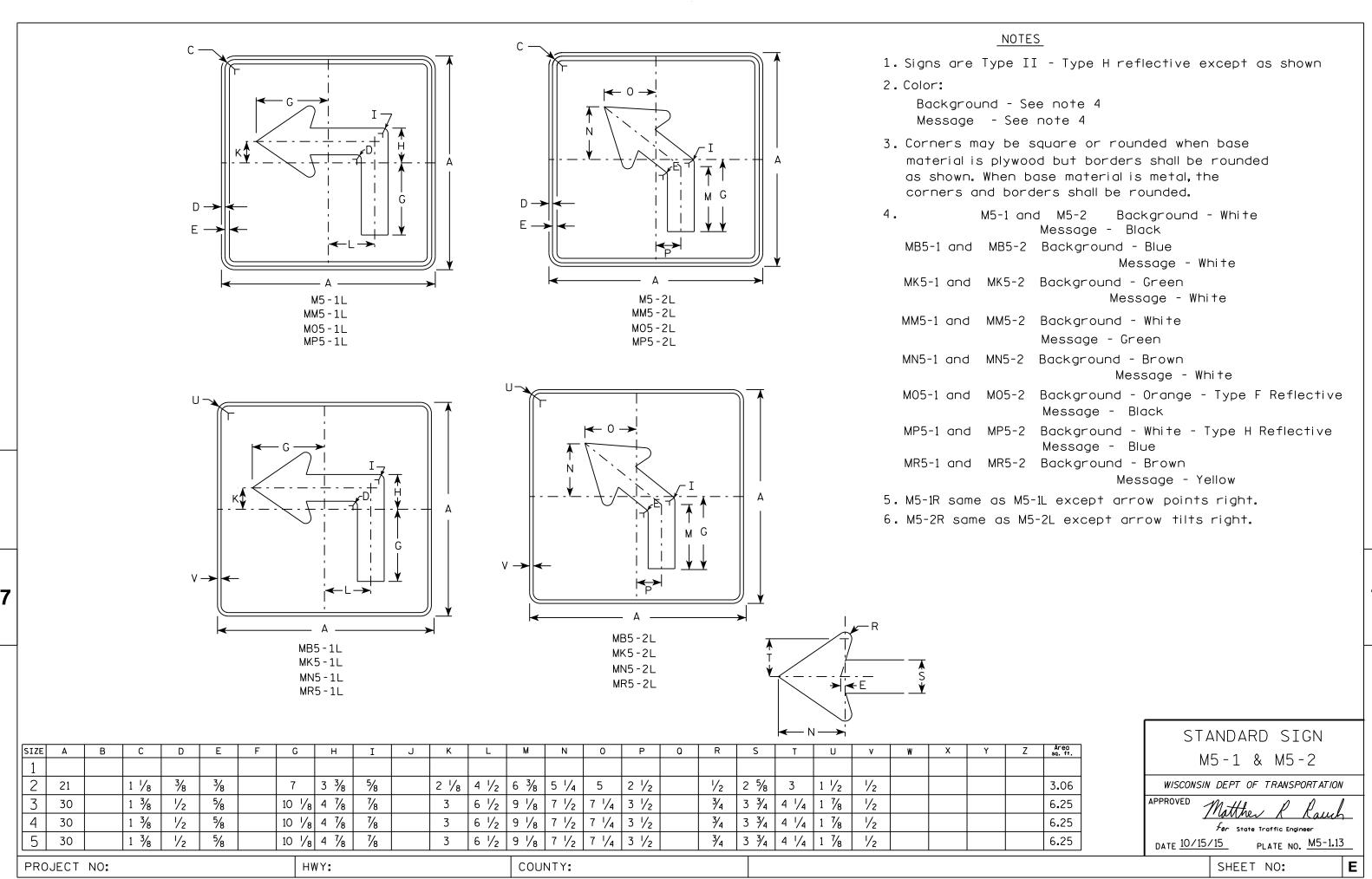
DATE 9/30/13 PLATE NO. M4-9B.1

SHEET NO:

HWY:

PROJECT NO:

PLOT BY: mscj9h



FILE NAME . C.\CAFfiles\Projects\tr stdolote\M51 DCN

PLOT DATE . 01-DEC-2015 18:07

PINT RY . \$\$ DIOTUSET \$\$ PINT NAMF :

PLOT SCALE . 11 675051.1 000000







MR6-1

HWY:



NOTES

- 1. Signs are Type II Type H except as Shown
- 2. Color:

Background - See note 4 Message - See note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. M6-1 and M6-2 Background White

Message - Black

MB6-1 and MB6-2 Background - Blue

Message - White

MK6-1 and MK6-2 Background - Green

Message - White

MM6-1 and MM6-2 Background - White

Message - Green

MN6-1 and MN6-2 Background - Brown

Message - White

M06-1 and M06-2 Background - Orange - Type F Reflective

Message - Black

MP6-1 and MP6-2 Background - White

Message - Blue

MR6-1 and MR6-2 Background - Brown

Message - Yellow



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	٥	R	S	T	U	٧	W	Х	Y	Z	Area sq. ft.
1 1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 %	5	4 1/4	5 1/4	3	2 %	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 1/8	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 1/8	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 1/8	1/2					6.25

COUNTY:

STANDARD SIGN M6-1 & M6-2 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew & Rawl For State Traffic Engineer

Ε

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

SHEET NO:

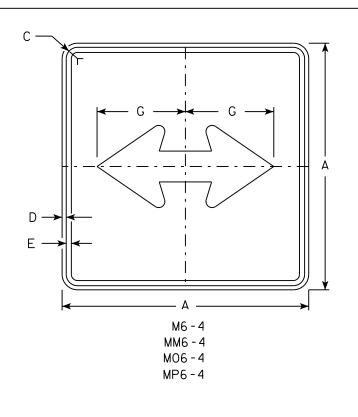
FILE NAME · C·\CAFfiles\Projects\tr stdplote\M61 DCN

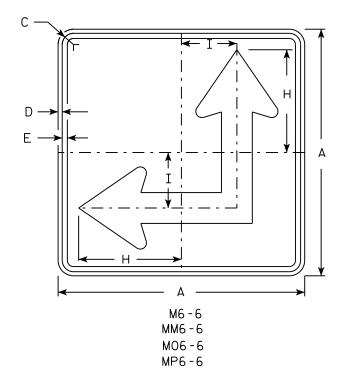
PROJECT NO:

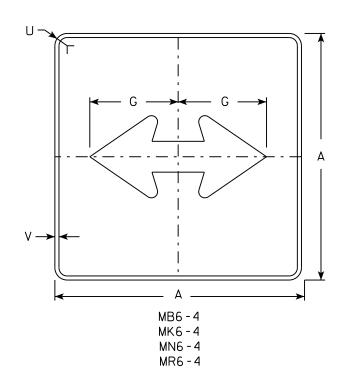
PLOT DATE . 01-DEC-2015 17:57

PIOT RY . \$\$ plotuser \$\$ PIOT NAMF :

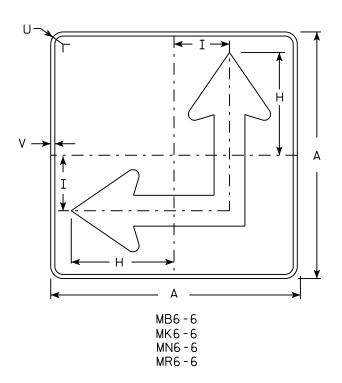
PLOT SCALE . 11 675051.1 000000







HWY:



NOTES

- 1. Signs are Type II Type H except as Shown
- 2. Color:

Background - See Note 4 Message - See Note 4

- 3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 4. M6-4 and M6-6 Background White Message - Black

MB6-4 and MB6-6 Background - Blue

Message - White

MK6-4 and MK6-6 Background - Green

Message - White

and MM6-6 Background - White MM6-4

Message - Green

MN6-4 and MN6-6 Background - Brown

Message - White

M06-4 and M06-6 Background - Orange - Type F Reflective

Message - Black

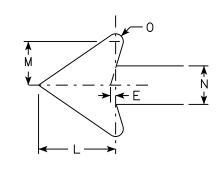
MP6-4 and MP6-6 Background - White

Message - Blue

MR6-4 and MR6-6 Background - Brown

Message - Yellow

5. M6-6R same as M6-6L except arrow points ahead and right.



SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	a	R	S	T	U	٧	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 1/8	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 1/8	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 1/8	1/2					6.25
																											==

COUNTY:

STANDARD SIGN M6-4 & M6-6 SERIES

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

APPROVED

DATE 10/15/15

PLATE NO. M6-4.10 Ε

PLOT DATE . 01-DEC-2015 17.58

PLOT RY . \$\$ plotuser \$\$ PLOT NAME :

PLOT SCALE . 11 675051.1 000000

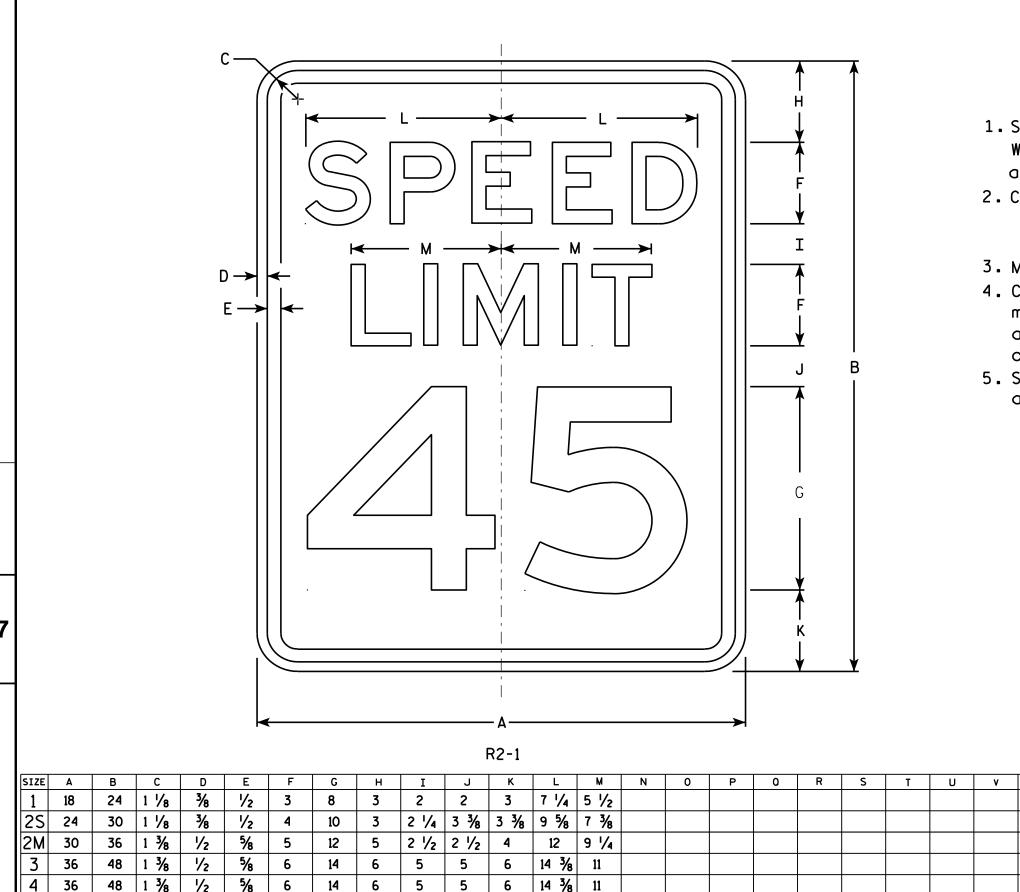
PROJECT NO:

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 STANDARD SIGN 30 5/8 10 12 1/2 45° 12 3/4 5.18 2S 30 5/8 12 1/2 45° 12 3/4 10 5.18 R1-1 2M 36 3/4 12 15 45° 15 % 7.46 3/4 15 3/8 12 45° 36 15 7.46 WISCONSIN DEPT OF TRANSPORTATION 45° 20 1/2 48 16 20 13.25 APPROVED Matthew & Kauch 5 48 16 20 45° 20 1/2 13.25 3/8 7 3/4 45° 7 3/4 1.86 18 6 For State Traffic Engineer 12 1/4 4 45° 5 1/8 0.78 DATE <u>11/12/15</u> PLATE NO. _____R1-1.13 COUNTY: SHEET NO: PROJECT NO: HWY: PLOT SCALE • 4 378143•1 000000

FILE NAME · C·\CAFfiles\Projects\tr stdplote\R11 DGN

PLOT DATE . 01-DEC-2015 18:07

PINT RY . \$\$ plotuser \$\$ PINT NAMF :



4 1/2 6 3/4 6 3/4 19 1/4 14 5/8

COUNTY:

20

HWY:

6

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.

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 PLATE NO. R2-1.13

DATE <u>5/26/1</u>0

SHEET NO:

2 1/4

60

5

48

PROJECT NO:

PLOT NAME :



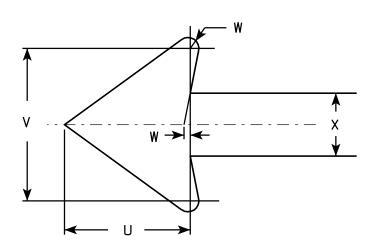
- 1. Sign is Type II Type H Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - White Message - Red

- 3. Message Series See Note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Lines 1, 3 and 4 are series C, line 2 is series B.
- 6. R7-1D (double arrow)

R7-1L (left arrow)

R7-1R (right arrow)



R7-1

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/8	3/8	3/8	3	1 %	2	%	5/8	1 1/2	2 1/2	2	2	4 %	4 1/8	2 1/4	2 1/8	2 1/2	3 %	1 1/2	1 3/4	1/8	3/4			1.5
2S	18	24	1 1/8	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 %	7 1/8	7	2 3/4	2 %	3 1/8	5 %	2 1/4	2 5/8	1/4	1 1/8			3.0
2M	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
3	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
4																											
5																											

COUNTY:

STANDARD SIGN R7-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

ROVED

Matthew Rauch

For State Traffic Engineer

DATE 3/31/2011

1 PLATE NO. R7-1.9
SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R71.DGN

HWY:

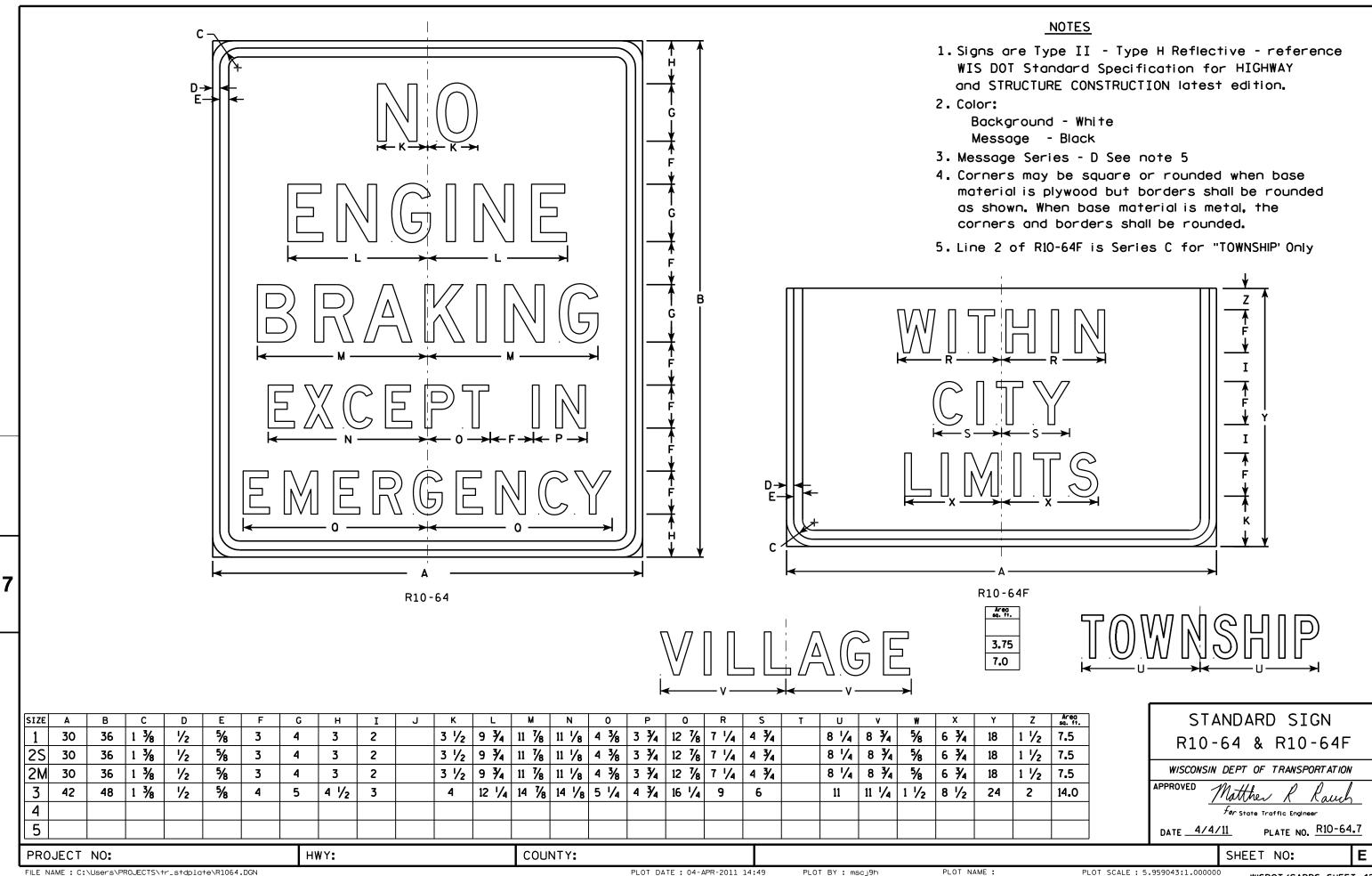
PROJECT NO:

PLOT DATE: 31-MAR-2011 09:20

PLOT BY: mscsja

PLOT NAME :

PLOT SCALE: 3.476110:1.000000

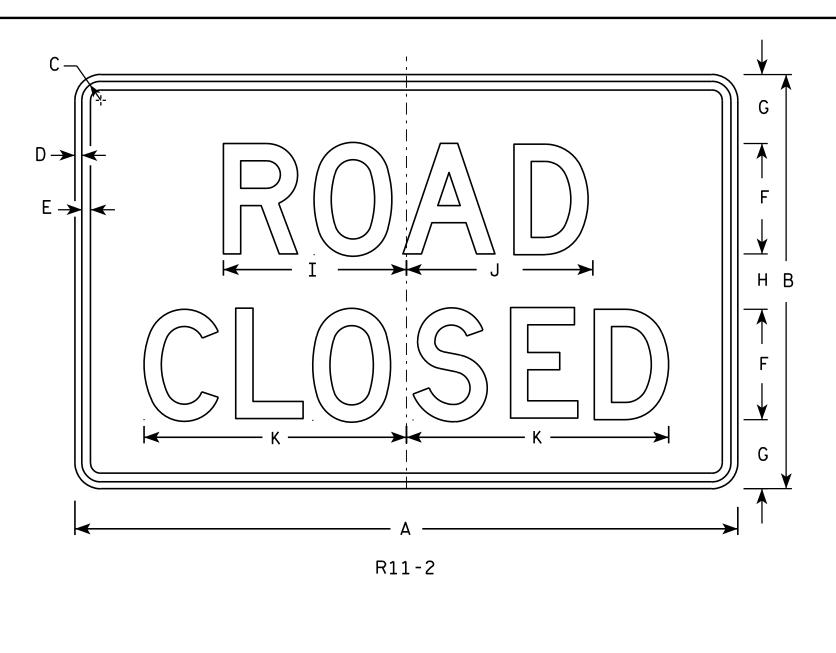


FILE NAME : C:\Users\PROJECTS\tr_stdplate\R1064.DGN

PLOT DATE: 04-APR-2011 14:49

PLOT NAME :

PLOT SCALE: 5.959043:1.000000

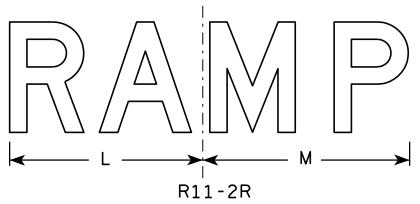


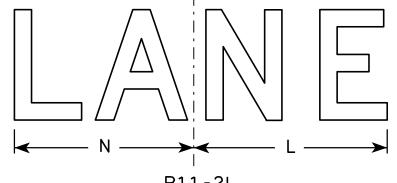
<u>NOTES</u>

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

Background - White Message - Black

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





R	1	1	-	2	L

PLOT NAME :

SIZ	Έ	A	В	С	D	Ε	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	T	U	v	W	X	Y	Z	Area sq. ft.
1																												
2	S	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
21	N	48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 ½	19	14	15	13													10.0
3		48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
4		48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13													10.0
5		48	30	1 3/8	1/2	5/8	8	5	4	13 1/4	13 ½	19	14	15	13													10.0

COUNTY:

STANDARD SIGN R11-2

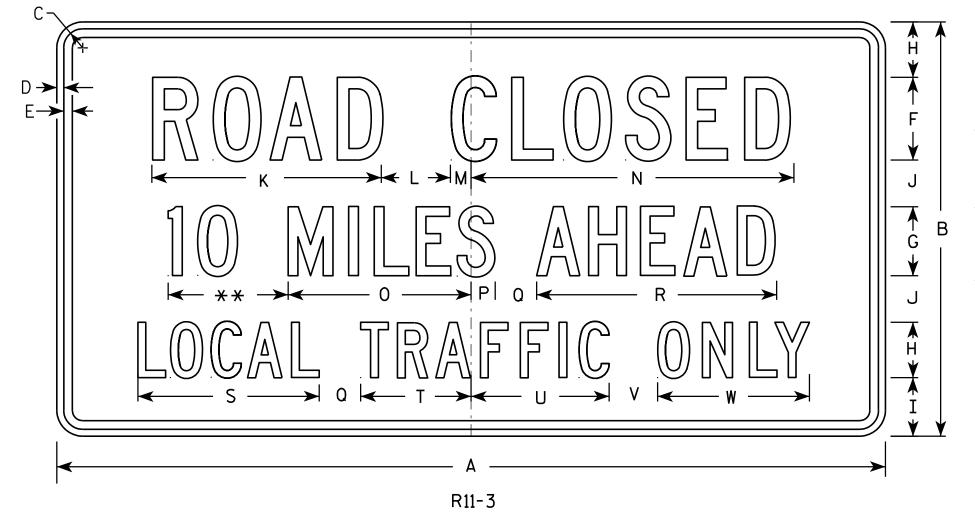
WISCONSIN DEPT OF TRANSPORTATION

DATE 4/1/11 PLATE NO. R11-2.10

SHEET NO:

HWY:

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 - White Message - Black

- 3. Message Series C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

** See Note 5

SIZE	Α	В	С	D	Ы	F	G	Н	I	J	К	L	M	Z	0	Р	0	R	S	T	U	٧	W	X	Y	Z	Areg
1	36	18	1 3/8	1/2	5/8	4	3	2 1/2	2	2	11 1/8	3	1 1/8	15 1/4	8	1 1/2	2	10 ¾	8 %	4 3/4	6 1/2	2	6 ¾				4.5
2S	60	30	1 3/8	1/2	5/8	6	5	4	4 1/4	3 3/8	16 5/8	5	1 1/2	23	13 1/4	1 3/4	3	17 3/8	13 1/8	8	10	3 1/2	11				12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	4 1/4	3 3/8	16 5/8	5	1 1/2	23	13 1/4	1 3/4	3	17 3/8	13 1/8	8	10	3 1/2	11				12.5
3																											
4																											
5																											

COUNTY:

STANDARD SIGN R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew & Rauch

DATE 4/1/11 PLATE NO. R11-3.6

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R113.DGN

HWY:

PROJECT NO:

PLOT DATE: 01-APR-2011 14:20

PLOT NAME :

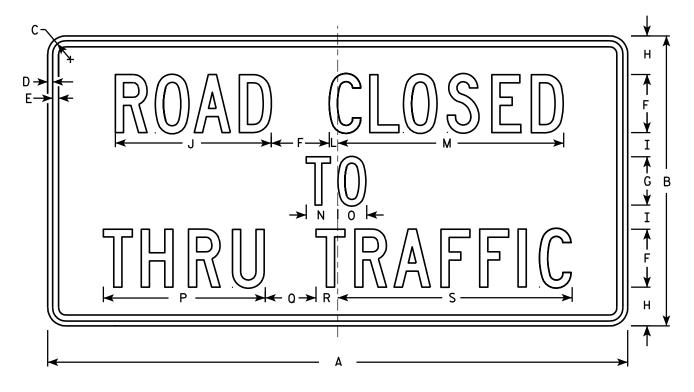
PLOT BY: mscj9h

PLOT SCALE: 6.952216:1.000000

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

Background - White Message - Black

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



R11-4

SIZE	Α	В	С	D	E	F	G	Η	I	J	K	L	М	Z	0	Р	0	R	S	T	U	٧	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7 /8	23 ¾	3 1/4	3	16 ¾	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7∕8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

COUNTY:

STANDARD SIGN R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

DATE 4/1/11 PLATE NO. R11-4.3

SHEET NO:

PROJECT NO: FILE NAME : C:\Users\PROJECTS\tr_stdplate\R114.DGN HWY:

PLOT DATE: 01-APR-2011 14:11

PLOT BY: mscj9h

PLOT NAME :

PLOT SCALE: 9.931739:1.000000

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

Background - White Message - Black

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

R11-5

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	M	N	0	Р	0	R	S	Т	U	V	W	Х	Y	Z	Area sq. ft.
1																											
2S	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7 /8	23 3/8	2 1/8													12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7 /8	23 3/8	2 1/8													12.5
3																											
4																											
5																											
PRO	JECT	NO:					НΛ	NY:					COU	NTY:													

STANDARD SIGN R11-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

SHEET NO:

DATE 9/21/2011

PLATE NO. R11-5.1

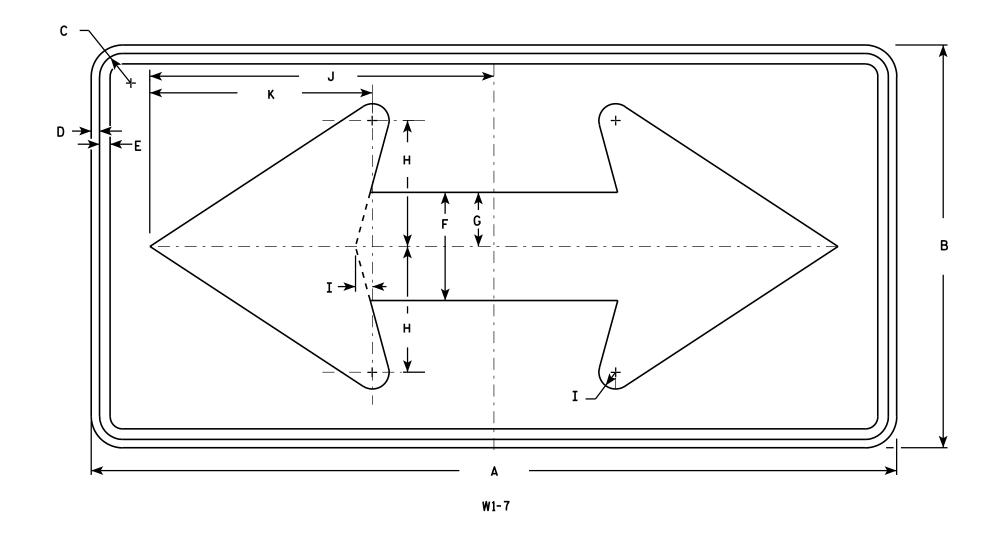
PLOT SCALE: 9.931739:1.000000

PLOT NAME :

- 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	E	F	G	Н	I	J	К	L	М	N	0	Р	0	R	S	T	U	٧	₩	Х	Y	Z	Area sq. ft.
1	36	18	1 1/8	3⁄8	1/2	5	2 1/2	5 ¾	3/4	15 5/	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/	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/	ß 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

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 :

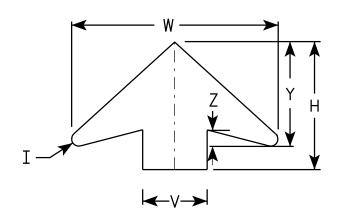
PLOT SCALE: 5.720679:1.000000

- 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. 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	В	С	D	E	F	G	н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	W	×	Y	Z	Area sq. ft
1																											
25	36		1 %	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 %	9.0
2M	36		1 %	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 %	9.0
3	36		1 %	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 %	9.0
4	48		2 1/4	3/4	1	19 1/4	10 3/4	17 3/8	1 /8	30	2 1/4	4	1 1/4	15	10	1 %	1/2	8	9 1/4	9 3/8	12	8	25 %	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 %	3/8	13	2	16.0

STANDARD SIGN W3-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch.

DATE 5/29/12 PLATE NO. W3-5.5

SHEET NO:

PROJECT NO:

- 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 - E

W10	0-1

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1	30			3⁄8	5/8	7	3 1/2	45°	12 3/8	7 1/8	3	1 1/2															4.91
2S	36			5/8	3/4	8	4	45°	14 3/8	8 %	4	2															7.07
2M	36			5/8	₹4	8	4	45°	14 3/8	8 %	4	2															7.07
3																											
4	48			3/4	1 1/4	10	5	45°	18 3/8	11 %	5	2 1/2															12.57
5																											

COUNTY:

STANDARD SIGN W10-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 3/13/13 State Traffic Engineer PLATE NO. W10-1.8

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W101.DGN

PROJECT NO:

HWY:

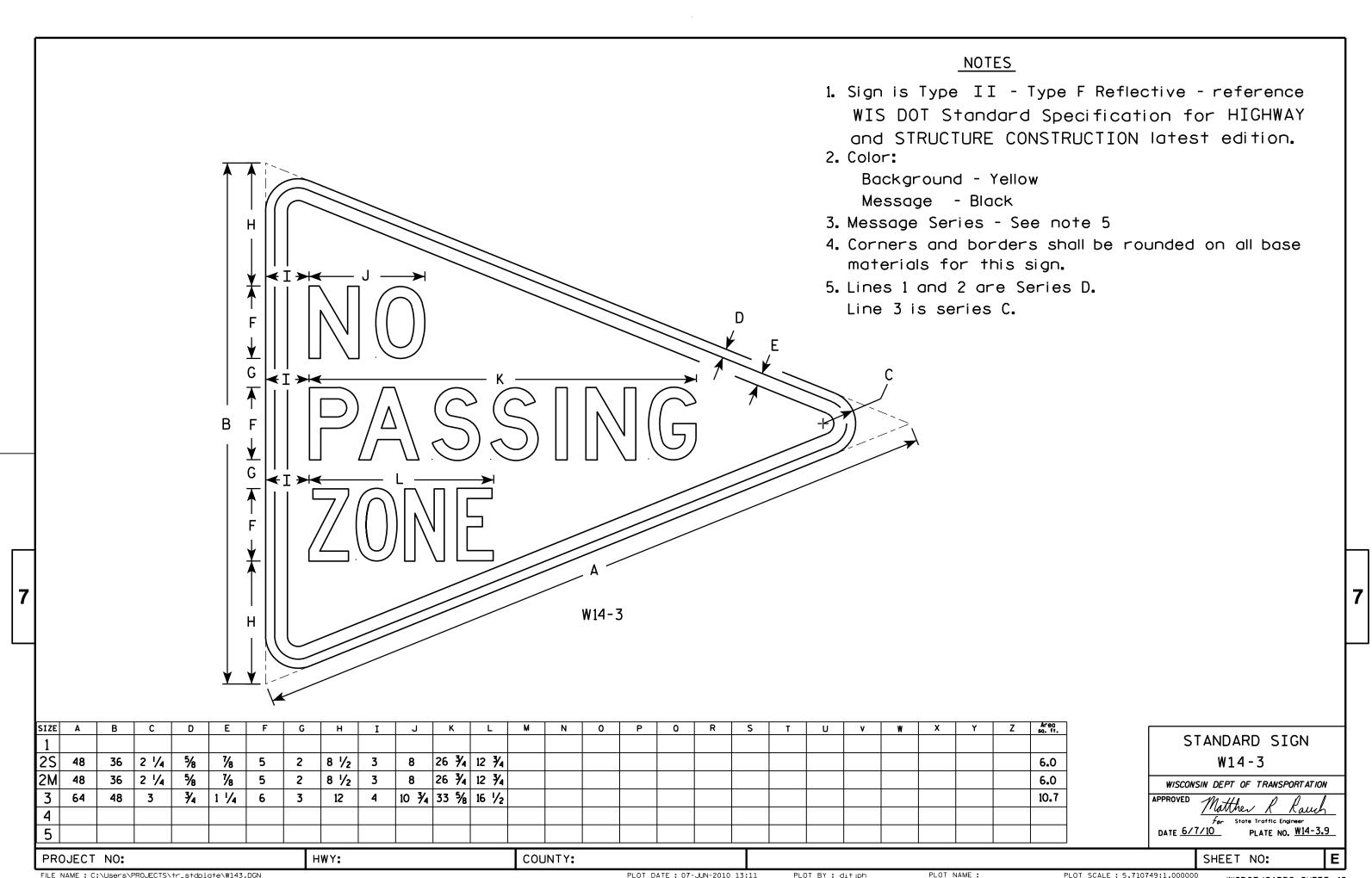
PLOT DATE: 13-MAR-2013 11:06

PLOT BY: mscj9h

PLOT NAME :

PLOT SCALE: 6.946657:1.000000

: 6.946657:1.000000 WISDOT/CADDS SHEET 42

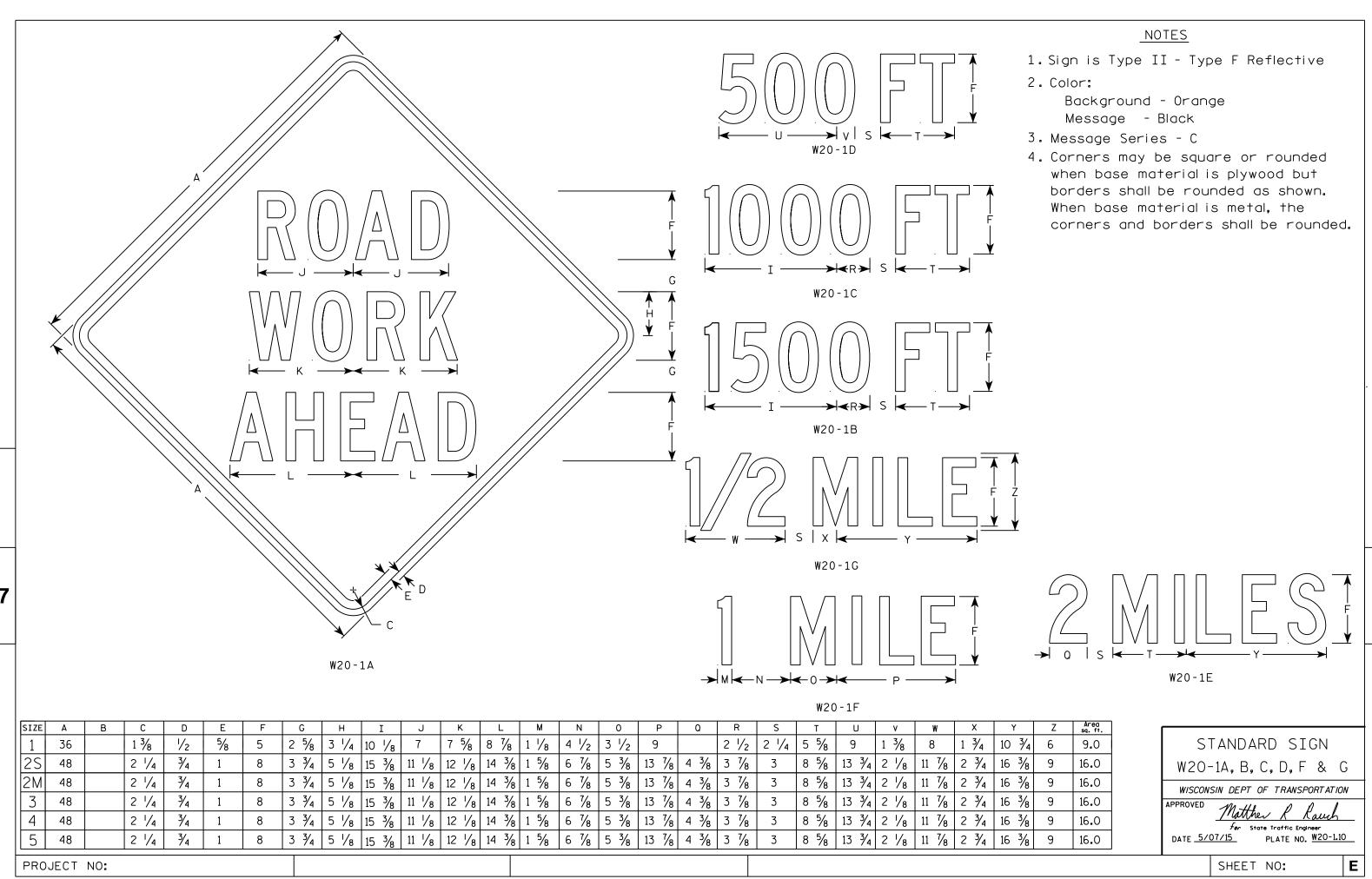


FILE NAME : C:\Users\PROJECTS\tr_stdplate\W143.DGN

PLOT DATE: 07-JUN-2010 13:11

PLOT BY: ditjph

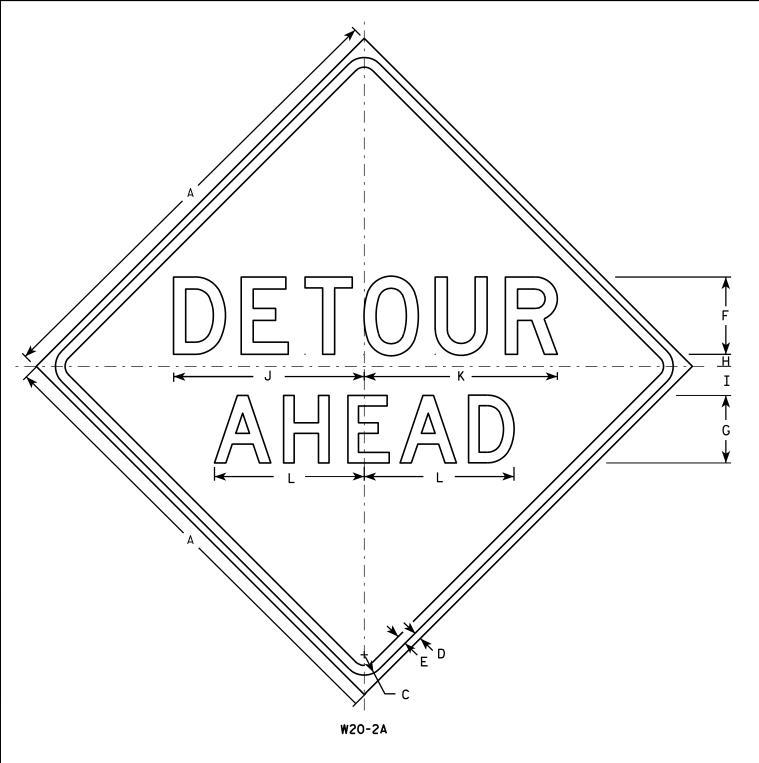
PLOT SCALE: 5.710749:1.000000



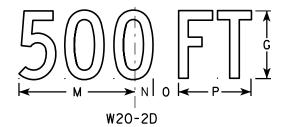
FILE NAME . C.\CAFfiles\Projects\tr stdolote\W201 DCN

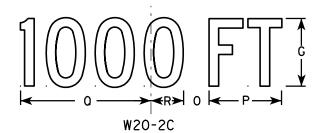
PLOT DATE . 01-DEC-2015 18.24

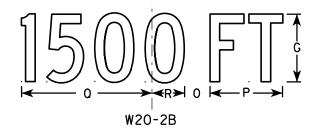
PIOT RY * \$\$ plotuser \$\$

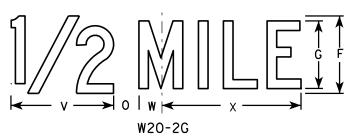


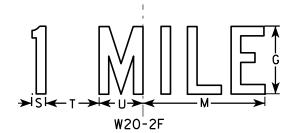
HWY:











PLOT BY: mscj9h

<u>NOTES</u>

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

Background - Orange Message - Black

- 3. Message Series See note 5
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Line 1 is Series D.
 Line 2 is Series D for AHEAD and
 Series C for all other distances.

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	36		1 1/8	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 1/8	5 %	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		2 1/4	3/4	1	8	7	1 1/4	3	19 ¾	20	15 1/2	12	1 1/8	2 %	7 1/2	13 1/2	3 %	1 1/2	6	4 %	10 %	2 3/8	14 3/8			16.0
2M	48		2 1/4	3/4	1	8	7	1 1/4	3	19 ¾	20	15 1/2	12	1 1/8	2 %	7 1/2	13 1/2	3 %	1 1/2	6	4 %	10 %	2 3/8	14 3/8			16.0
3	48		2 1/4	₹4	1	8	7	1 1/4	3	19 ¾	20	15 1/2	12	1 1/8	2 %	7 1/2	13 1/2	3 %	1 1/2	6	4 %	10 %	2 3/8	14 3/8			16.0
4	48		2 1/4	₹4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 1/8	2 %	7 1/2	13 1/2	3 %	1 1/2	6	4 %	10 %	2 3/8	14 3/8			16.0
5	48		2 1/4	3/4	1	8	7	1 1/4	3	19 ¾	20	15 1/2	12	1 1/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 %	2 3/8	14 3/8	·		16.0

COUNTY:

STANDARD SIGN W20-2A,B,C,D,F & G

WISCONSIN DEPT OF TRANSPORTATION

DATE 3/18/11 PLATE NO. W20-2.6

SHEET NO:

PROJECT NO:



- 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
- 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.

W54-58

HWY:

SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	0	R	S	T	U	٧	₩	X	Y	Z	Area sq. ft.
1																											
25	30		1 3/8	1/2	5/8	5	1/2	3	10 1/4	9 %	12 1/2	12 1/8															6.25
2M	36		1 5/8	5/8	₹4	6	5/8	3 %	12 1/4	11 1/8	15	15 3/8															9.00
3	36		1 %	5/8	3/4	6	5/8	3 %	12 1/4	11 1/8	15	15 %															9.00
4																											
5																											

COUNTY:

STANDARD SIGN W54 - 58

WISCONSIN DEPT OF TRANSPORTATION

for State Traffic Engineer

DATE 3/13/13

SHEET NO:

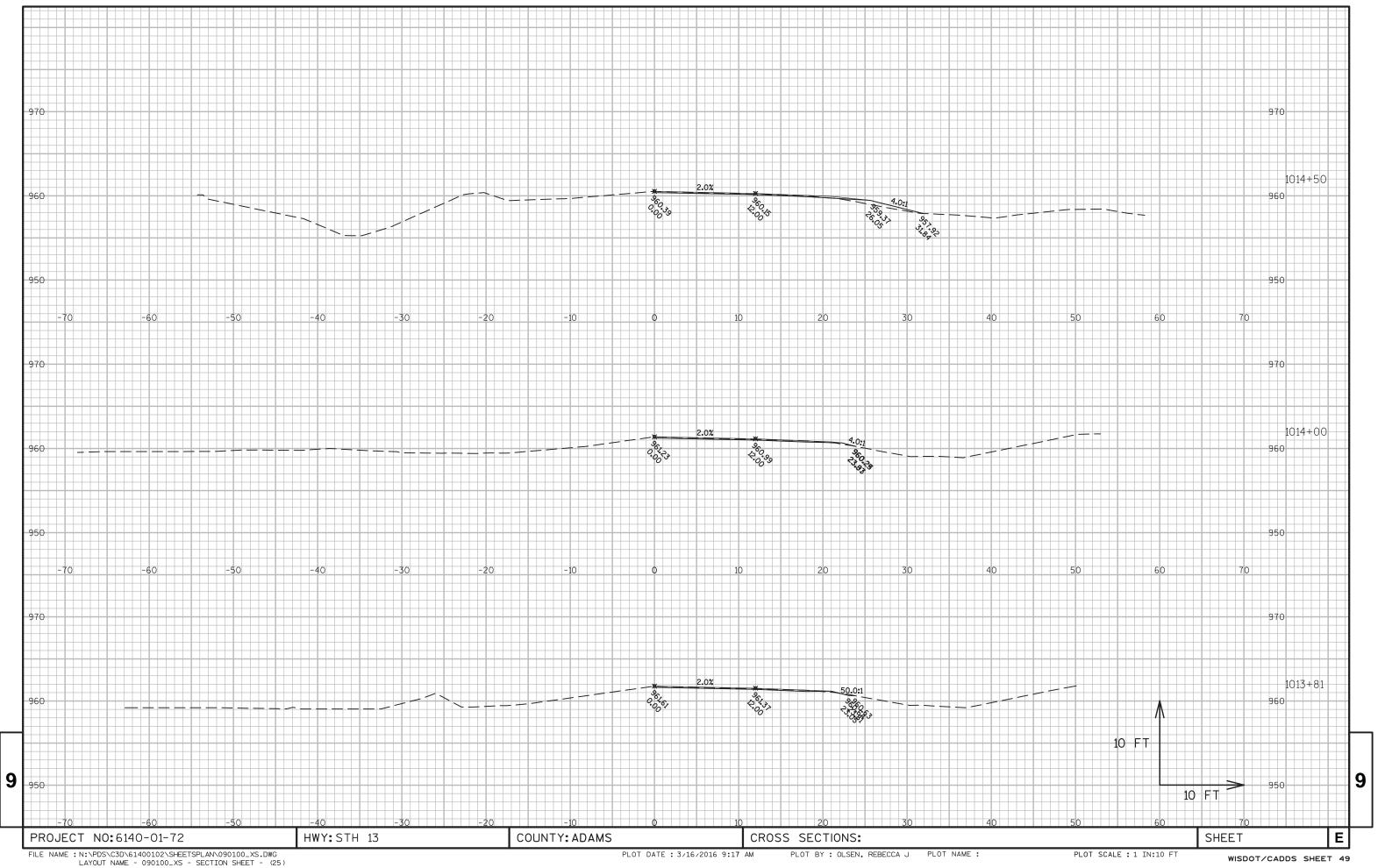
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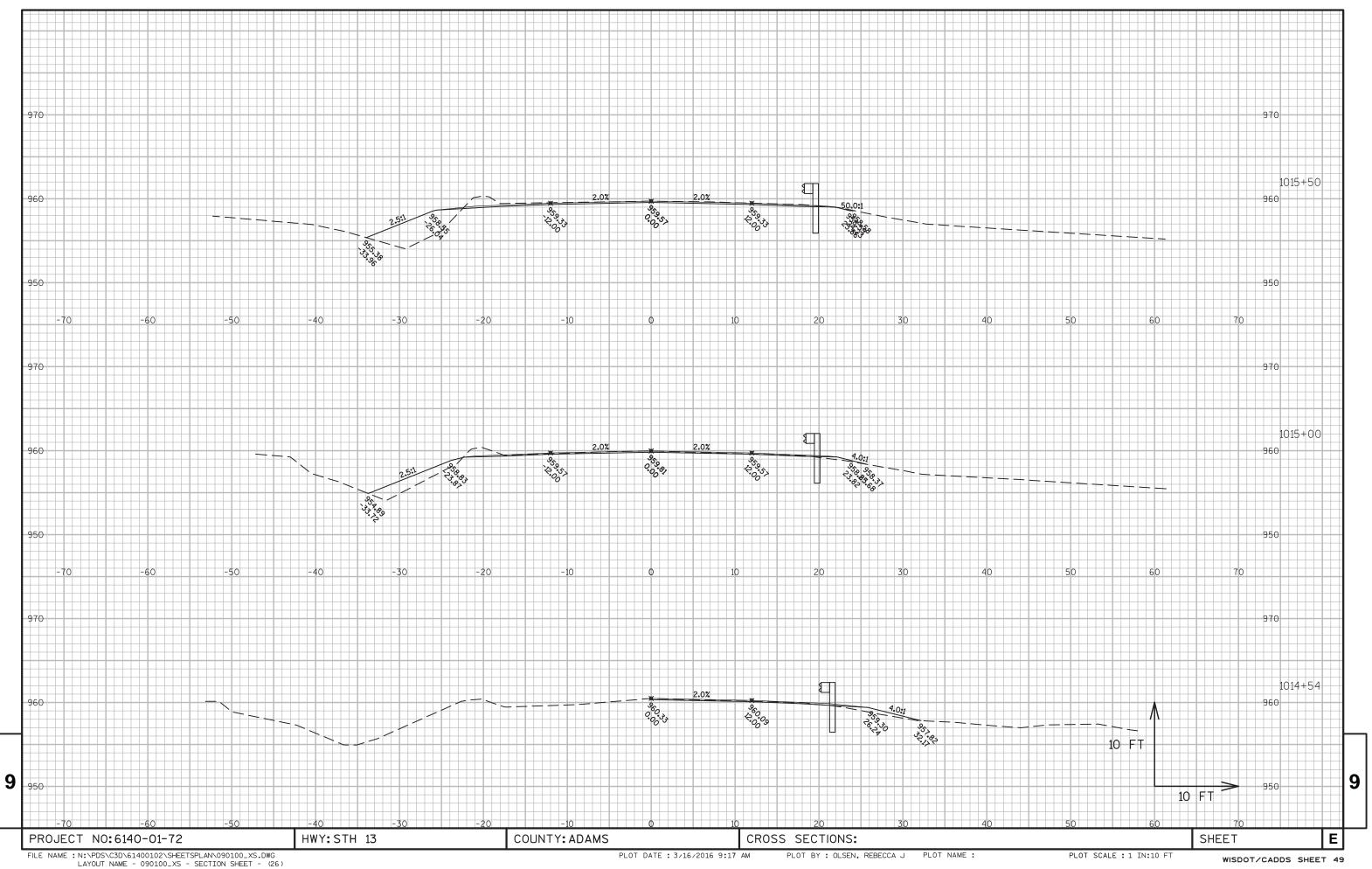
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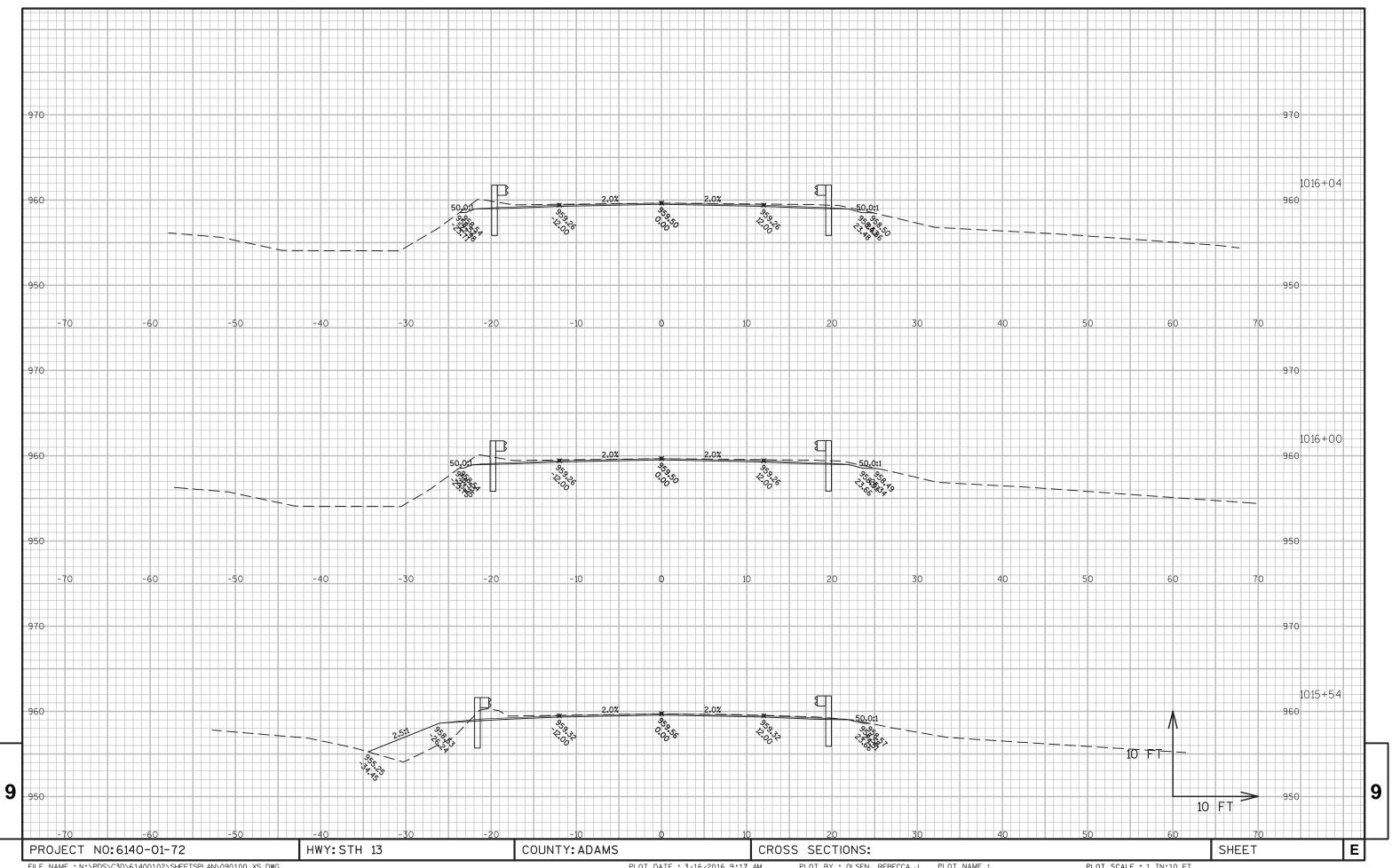
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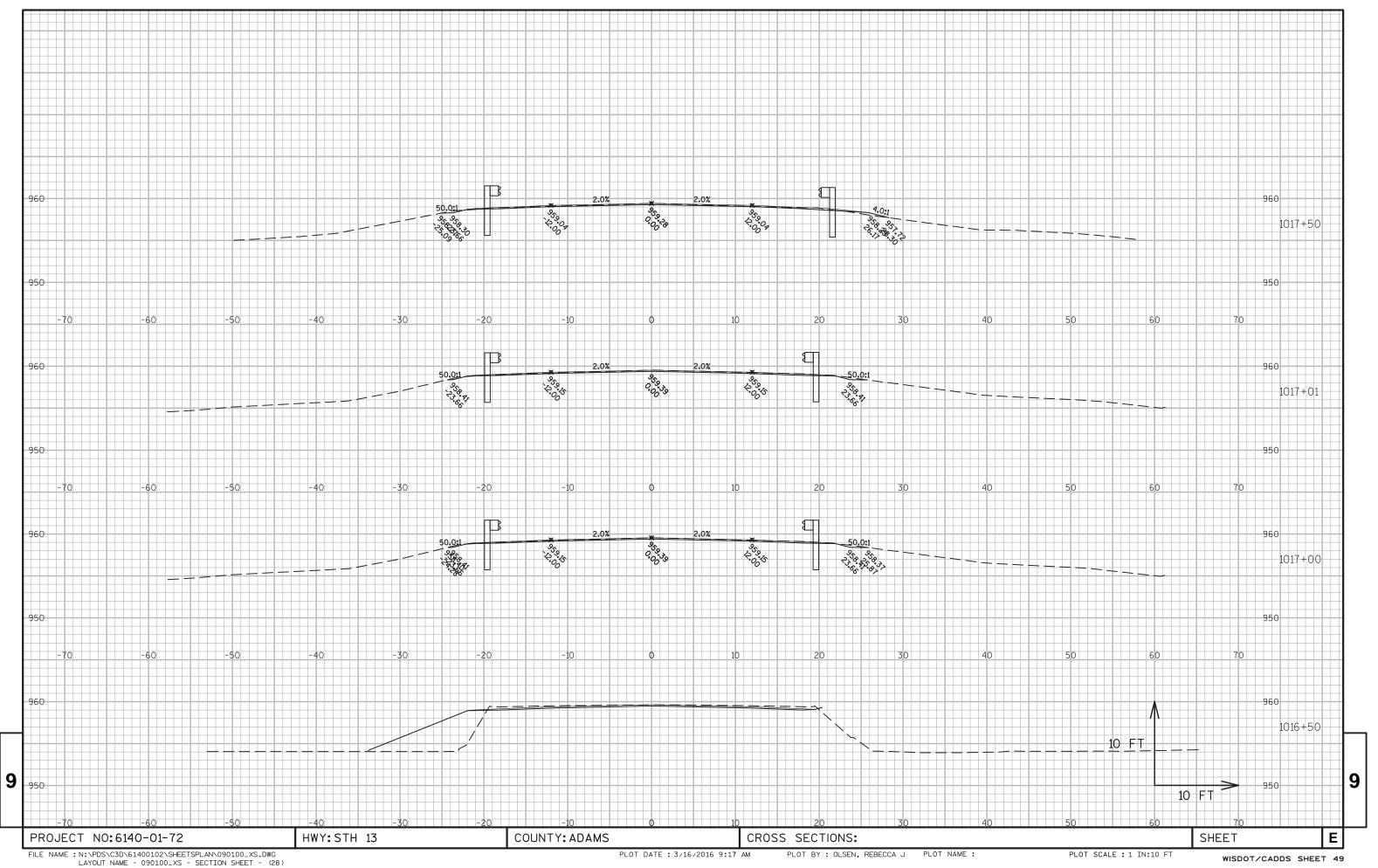
PLOT BY: mscj9h

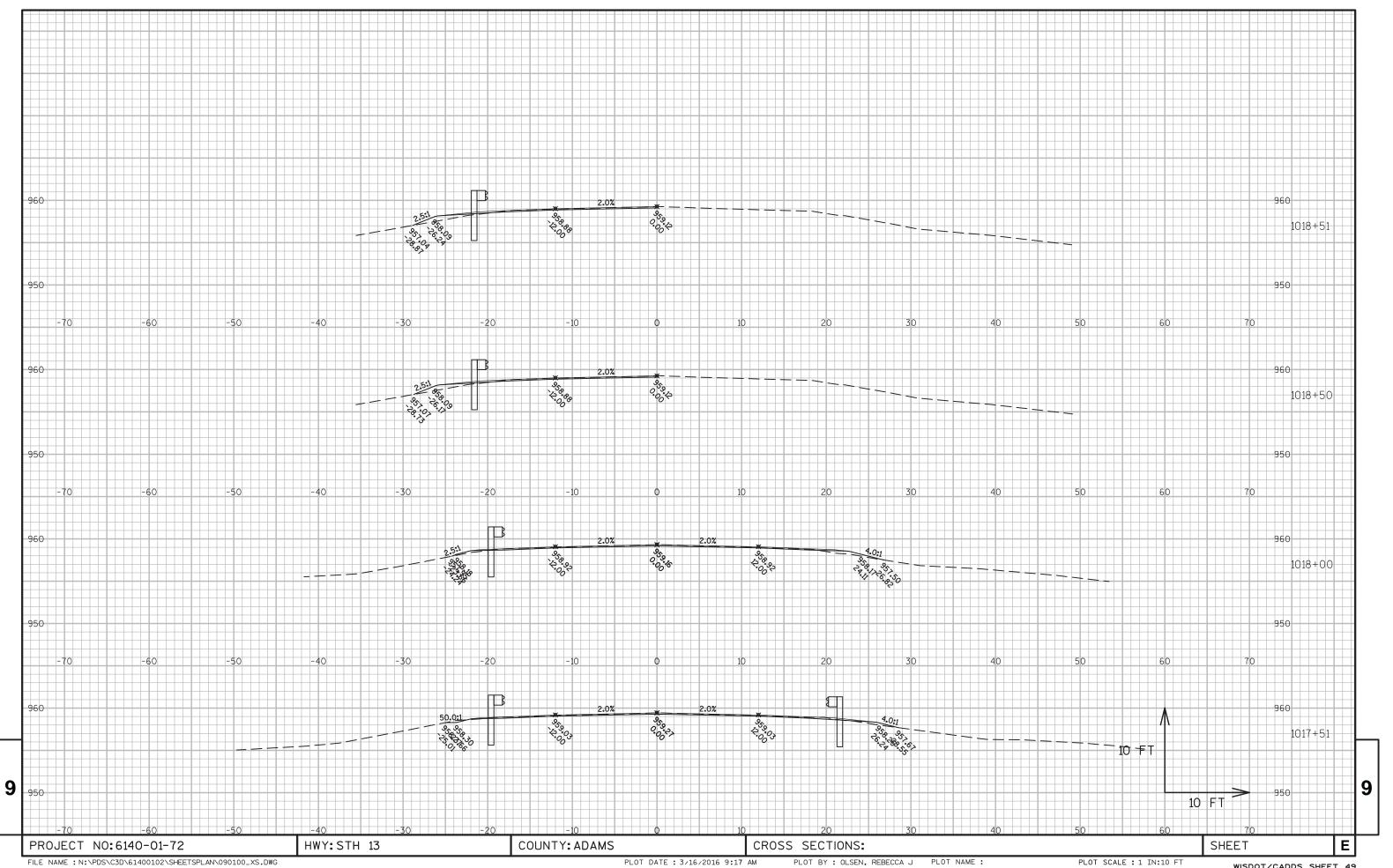
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