

FILE NAME : \\RASMITH.COM\CEDARBURG\MUNICIPAL\1211058\CEDAR SAUK ROAD\DWG\26950571\SHEETS\010101-TI.DWG

PLOT DATE : 7/26/2022 12:30 AM

GASPER, MICHAEL PLOT BY :

GENERAL NOTES

2

- 1. NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE FNGINFFR
- EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE EARTHWORK. 2. EBS IS MEASURED AND PAID FOR AS EXCAVATION COMMON. EXACT LOCATIONS OF EBS WILL BE DETERMINED BY THE ENGINEER.
- SEED, INSTALL EROSION MAT, MULCH AND FERTILIZE ALL SALVAGED 3 TOPSOILED AREAS WITHIN 7 WORKING DAYS AFTER GRADING WORK IS COMPLETED
- 4 DISTURBED AREAS SHALL BE FERTILIZED, SEEDED AND MULCHED OR FERTILIZED AND SODDED AS DIRECTED BY THE ENGINEER.
- 5. A SAWED JOINT WILL BE REQUIRED WHERE NEW PAVEMENT IS TO MEET AN EXISTING PAVED SURFACE
- EXACT LOCATION OF ALL DRIVEWAY ENTRANCES AND MATCH POINTS TO BE 6. REVIEWED AND APPROVED BY THE ENGINEER.
- SIDEROAD INTERSECTIONS ARE TO MATCH EXISTING PAVEMENT GEOMETRICS. 7. SIDEROAD MATCH POINTS ARE TO BE REVIEWED AND APPROVED BY THE FNGINFFR
- 8. 4-INCH HMA PAVEMENT SHALL BE CONSTRUCTED WITH AN 1.75-INCH UPPER LAYER AND AN 2.25-INCH LOWER LAYER.
- 9. HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.
- 10. TACK COAT HAS BEEN ESTIMATED AT AN APPLICATION OF 0.06 GAL./S.Y. AND SHALL BE PLACED BETWEEN THE LAYERS OF ASPHALTIC PAVEMENT, AND ABOVE EXISTING ASPHALT PAVEMENT TO BE OVERLAID.
- 11. 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. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIGGER'S HOTLINE, AND FOR CONTACTING ANY UTILITIES NOT ON DIGGER'S HOTLINE.
- 12. CONTRACTOR MUST CONTACT THE PROJECT ENGINEER AND SEWRPC (ROB MERRY); AT LEAST TWO WEEKS PRIOR TO WORK NEAR ANY SECTION CORNER MONUMENT
- 13. TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

STANDARD ABBREVIATIONS

- CENTERLINE CL CLEARANCE CLEAR
- DWY DRIVEWAY
- EB EASTBOUND ELEVATION
- ELEV EΧ FXISTING
- MAX MAXIMUM
- NB NORTHBOUND
- NOR NORMAL PC
 - POINT OF CURVATURE
- POINT OF CONTINUING CURVATURE PCC
 - POINT OF INFLECTION POINT
- PNT PRC
- POINT OF REVERSE CURVATURE PROP PROPOSED
 - POINT OF TANGENCY
- REQ'D REQUIRED
- REFERENCE LINE RL RIGHT OF WAY
- R/W SB

ΡI

PΤ

SI

WB

- SOUTHBOUND SDD
 - STANDARD DETAIL DRAWING SLOPE INTERCEPT
 - TEMPORARY LIMITED EASEMENT
- TLE TYPICAL TYP
 - VARIES
- VAR WESTBOUND

DESIGN CONTACT

RASMITH

MICHAEL GASPER, PE PROJECT ENGINEER W62 N588 WASHINGTON AVE, STE 201 CEDARBURG, WI 53012-2074 PHONE: 262-317-3345 EMAIL: michael.gasper@rasmith.com

TOWN CONTACT

TOWN OF CEDARBURG ADAM MONTICELLI DIRECTOR OF PUBLIC WORKS 1293 WASHINGTON AVENUE CEDARBURG, WI 53012-9304 PHONE: 262-377-4509 EMAIL: amonticelli@town.cedarburg.wi.us

WISDOT CONTACT

WISCONSIN DEPARTMENT OF TRANSPORTATION GREG HAFEMAN, PE SE REGION LOCAL PROGRAM PROJECT MANAGER 141 NW BARSTOW STREET WAUKESHA, WI 53188 PHONE: 262-548-8677 EMAIL: greg.hafeman@dot.wi.gov

DNR CONTACT

WICONSIN DEPARTMENT OF NATURAL RESOURCES OZAUKEE COUNTY **KRISTINA BETZOLD** 1027 W ST. PAUL AVENUE MILWAUKEE, WI 53233-2641 PHONE: 414-343-9346 EMAIL: kristina.betzold@wi.gov

OTHER AGENCIES

ROB MERRY CHIEF SURVEYOR W239 N1812 ROCKWOOD DRIVE PO BOX 1607 WAUKESHA, WI 53187-1607 PHONE: 262-953-4289 EMAIL: rmerry@sewrpc.org

OTHER AGENCIES

ANDREW TRAFGER CONSTRUCTION COORDINATOR W239 N1812 ROCKWOOD DRIVE PO BOX 1607 WAUKESHA, WI 53187-1607 PHONE: 262-953-4296 EMAIL: atraeger@sewrpc.org

COMMUNICATIONS

AT&T DEAN HERRO 435 S 95TH STREET MILWAUKEE, WI 53214-1226 PHONE: 262.226.9639 EMAIL: dh2572@att.com

COMMUNICATIONS

CHARTER COMMUNICATIONS JOHN BALDE MILWAUKEE, WI 53212 PHONE: 414-908-1333 EMAIL: john.balde@charter.com EMAIL: wis.engineering@charter.com

ORDER OF SECTION 2 SHEETS

PROJECT OVERVIEW TYPICAL SECTIONS CONSTRUCTION DETAILS TRAFFIC CONTROL

PROJECT NO:	2695-05-71	HWY: LOCAL STREET	COUNTY: OZAUKEE	GENERAL NOTES

PLOT NAME

OTHER AGENCIES

TRANSPORTATION AND ENVIRONMENTAL LIAISON

JON EDGREN 2 PUBLIC WORKS DIRECTOR/HIGHWAY COMMISSIONER 410 S SPRING STREET PO BOX 994 PORT WASHINGTON, WI 53074-0994 PHONE: 262-284-8331 EMAIL: jedgren@co.ozaukee.wi.us

SOUTHEAST WISCONSIN REGIONAL PLANNING COMMISSION

SOUTHEAST WISCONSIN REGIONAL PLANNING COMMISSION

UTILITIES

ATC

1320 N DR. MARTIN LUTHER KING, JR. DRIVE

CHRIS DAILEY PO BOX 47 WAUKESHA, WI 53187-0047 PHONE: 262-506-6884 EMAIL: cdailey@atcllc.com

ELECTRIC TRANSMISSION

ELECTRIC

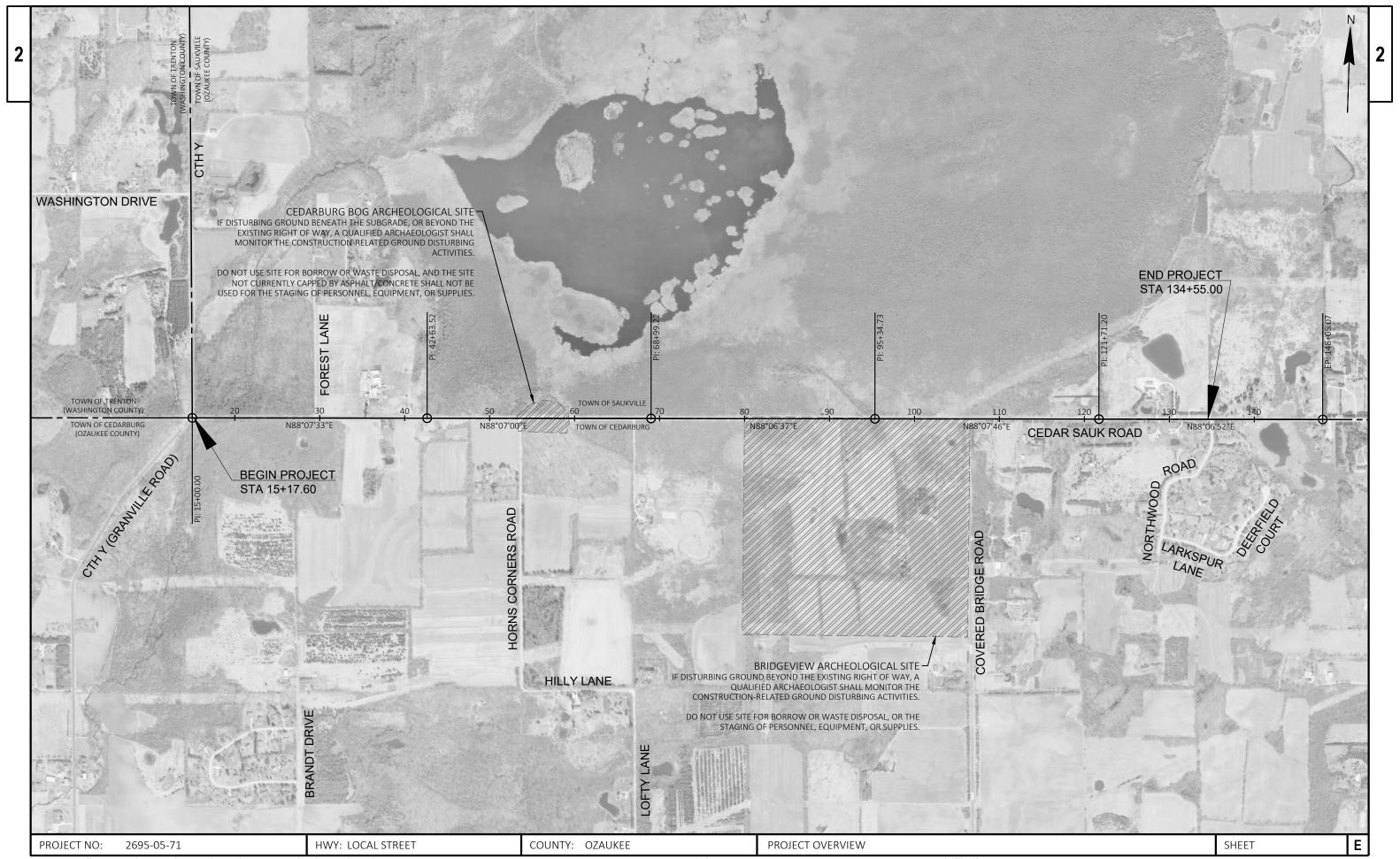
WE ENERGIES - ELECTRICITY JOE FELLENZ W140 N9100 LILLY ROAD MENOMONEE FALLS, WI 53051 PHONE: 262-502-6831 EMAIL: joseph.fellenz@we-energies.com EMAIL: We-Utility-relocations@we-energies.com

GAS

WE ENERGIES – GAS/PETROLEUM **BRADI FY FNGNATH** 500 S 116TH STREET WEST ALLIS, WI 53214 PHONE: 414-944-5767 EMAIL: bradley.engnath@we-energies.com EMAIL: We-Utility-relocations@we-energies.com



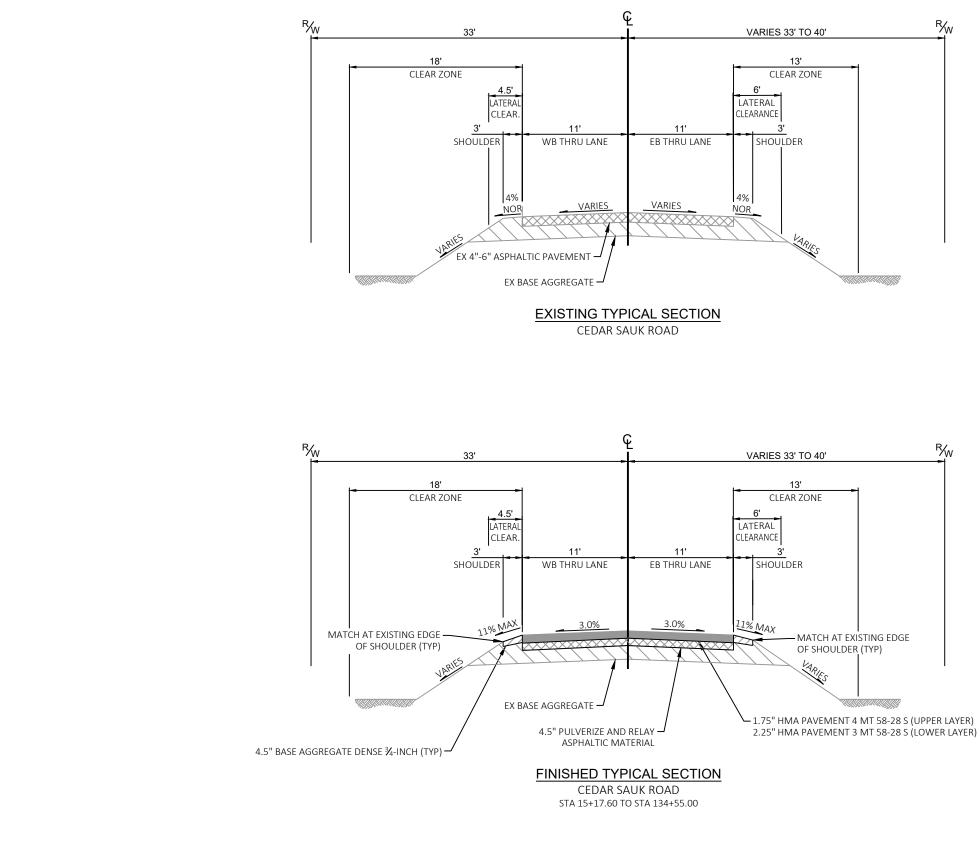
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FILE NAME : \\RASMITH.COM\CEDARBURG\MUNICIPAL\1211058\CEDAR SAUK ROAD\DWG\26950571\SHEETS\020201-PO.DWG LAYOUT NAME - 01-po PLOT DATE : 7/22/2022 9:39 AM

PLOT BY : GASPER, MICHAEL

PLOT NAME :



NOTES

2

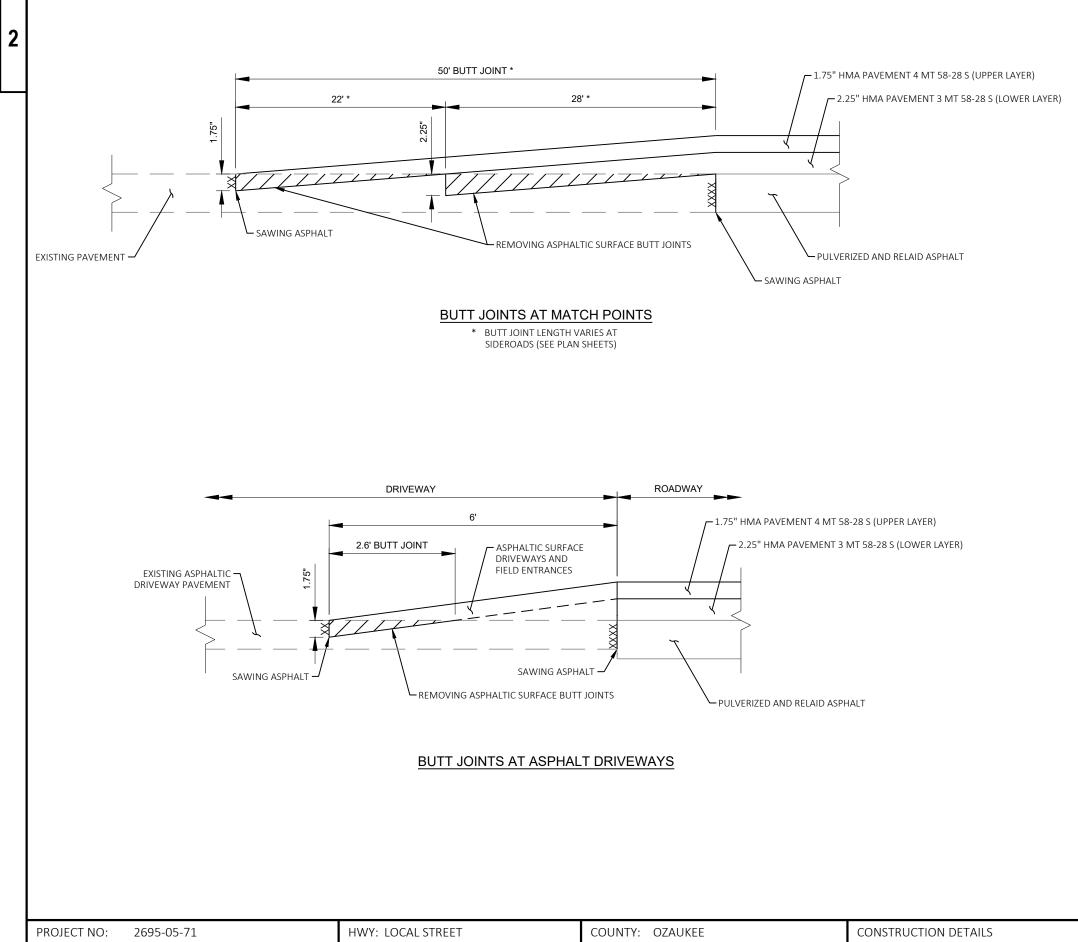
DO NOT EXCEED ROLLOVER RATES GREATER THAN 8% BETWEEN PAVED AND AGGREGATE SHOULDERS.

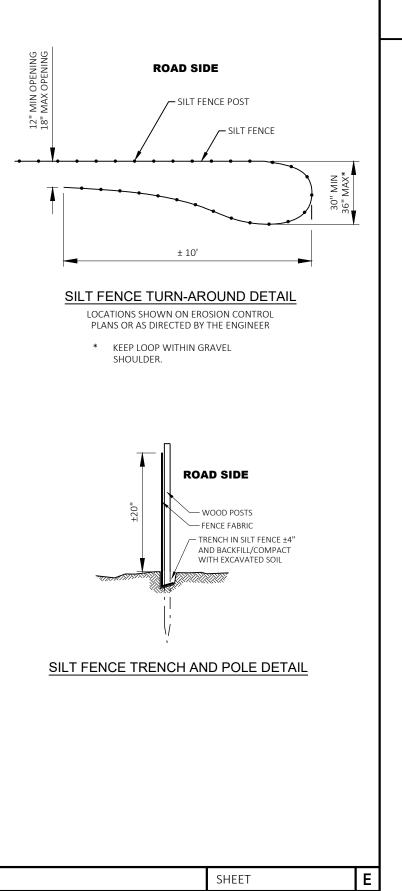
	PROJECT NO:	2695-05-71	HWY: LOCAL STREET	COUNTY: OZAUKEE		TYPICAL SECTIO	NS	
_	FILE NAME : \\RASMITH	H.COM\CEDARBURG\MUNICIPAL\1211058\CEDAR SAUK ROAD\D	WG\26950571\SHEETS\020301-TS.DWG	PLOT DATE :	7/22/2022 9:39 AM	PLOT BY :	GASPER, MICHAEL	PLOT NAME :

LAYOUT NAME - 01-10ft

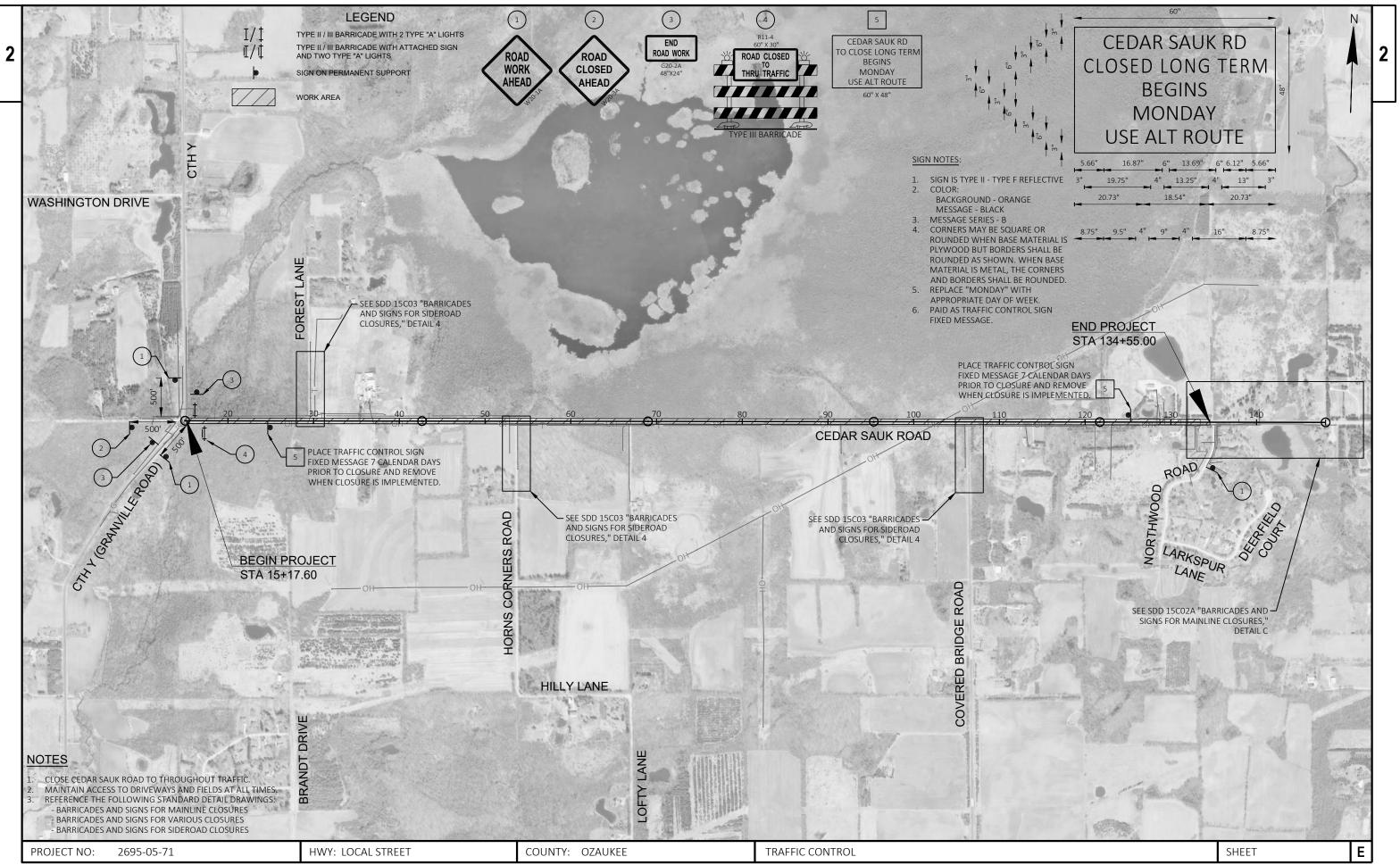
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WISDOT/CADDS SHEET 42





PLOT NAME :



FILE NAME : \\RASMITH.COM\CEDARBURG\MUNICIPAL\1211058\CEDAR SAUK ROAD\DWG\26950571\SHEETS\025100-TC.DWG LAYOUT NAME - 01-tc PLOT DATE : 7/22/2022 9:40 AM

PLOT BY : GASPER, MICHAEL

PLOT NAME :

WISDOT/CADDS SHEET 42

			E	Estimate Of C	Quantities	
					2695-05-71	
Line	Item	Item Description	Unit	Total	Qty	
0002	204.0115	Removing Asphaltic Surface Butt Joints	SY	725.000	725.000	
0004	205.0100	Excavation Common	CY	3,540.000	3,540.000	
0006	213.0100	Finishing Roadway (project) 01. 2695-05-71	EACH	1.000	1.000	
8000	305.0110	Base Aggregate Dense 3/4-Inch	TON	710.000	710.000	
0010	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	1,930.000	1,930.000	
0012	311.0110	Breaker Run	TON	3,480.000	3,480.000	
0014	325.0100	Pulverize and Relay	SY	29,000.000	29,000.000	
0016	455.0605	Tack Coat	GAL	1,786.000	1,786.000	
0018	460.2000	Incentive Density HMA Pavement	DOL	4,350.000	4,350.000	
0020	460.6223	HMA Pavement 3 MT 58-28 S	TON	3,700.000	3,700.000	
0022	460.6224	HMA Pavement 4 MT 58-28 S	TON	2,910.000	2,910.000	
0024	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	68.000	68.000	
0026	618.0100	Maintenance And Repair of Haul Roads (project) 01. 2695-05-71	EACH	1.000	1.000	
0028	619.1000	Mobilization	EACH	1.000	1.000	
0030	624.0100	Water	MGAL	41.000	41.000	
0032	628.1504	Silt Fence	LF	500.000	500.000	
0034	628.1520	Silt Fence Maintenance	LF	500.000	500.000	
0036	628.1905	Mobilizations Erosion Control	EACH	1.000	1.000	
0038	628.1910	Mobilizations Emergency Erosion Control	EACH	3.000	3.000	
0040	630.0200	Seeding Temporary	LB	15.000	15.000	
0042	642.5001	Field Office Type B	EACH	1.000	1.000	
0044	643.0300	Traffic Control Drums	DAY	885.000	885.000	
0046	643.0420	Traffic Control Barricades Type III	DAY	826.000	826.000	
0048	643.0705	Traffic Control Warning Lights Type A	DAY	1,652.000	1,652.000	
0050	643.0900	Traffic Control Signs	DAY	1,239.000	1,239.000	
0052	643.1000	Traffic Control Signs Fixed Message	SF	40.000	40.000	
0054	643.5000	Traffic Control	EACH	1.000	1.000	
0056	646.1020	Marking Line Epoxy 4-Inch	LF	38,900.000	38,900.000	
0058	646.6120	Marking Stop Line Epoxy 18-Inch	LF	15.000	15.000	
0060	648.0100	Locating No-Passing Zones	MI	2.260	2.260	
0062	650.8000	Construction Staking Resurfacing Reference	LF	11,940.000	11,940.000	
0064	650.9911	Construction Staking Supplemental Control (project) 01. 2695-05-71	EACH	1.000	1.000	
0066	690.0150	Sawing Asphalt	LF	710.000	710.000	
0068	740.0440	Incentive IRI Ride	DOL	8,968.000	8,968.000	
0070	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	200.000	200.000	
0072	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	350.000	350.000	
0074	SPV.0060	Special 01. Section Corner Monuments	EACH	9.000	9.000	



FINI	SHING	ROAD	WAY

EXCAVATION

		205.0100			213.0100			618.011
CATEGORY	LOCATION	CY	CATEGORY	PROJECT	EACH	CATEGORY	PROJECT	EACH
0010	UNDISTRIBUTED	3,540	0010	2695-05-71	1	0020	2695-05-71	1
	TOTAL	3,540		TOTAL	1		TOTAL	1

D	<u>DMMON</u>		FINI	<u>SHING F</u>	<u>ROADWAY</u>			<u>MAIN</u>	TENAN	<u>CE AND</u>	REPAIR C	<u>)F HAUL R</u>	OADS		MOBILIZAT	ION
D	205.010	0			21	13.0100							618.0110			619.1000
D	CY		CATEGORY PR	OJECT		EACH		CATEGO	RY PROJEC	т			EACH	CATE	GORY PROJECT	EACH
	3,540	_	0010 269	95-05-71		1		0020	2695-0	5-71			1	00	10 2695-05-71	1
	3,540	—	ТО	TAL		1			TOTAL				1		TOTAL	1
	-,															
						BAS	<u>SE & PA</u>	<u>VING I</u>	<u>TEMS</u>							
					204.0115	325.0100	305.0110 3	305.0120	311.0110	455.0605	460.2000	460.6223	460.6224	645.0120	624.0100	
					REMOVING						INCENTIVE			ASPHALTIC		
					ASPHALTIC		BASE AGG			ТАСК	DENSITY					
					SURFACE BUTT JOINTS	AND RELAY	DEN 34-INCH		BREAKER RUN	TACK COAT	HMA PAVEMENT	3 MT 58-28 S	MENT 4 MT 58-28 S	DRIVEWAYS AND FIELD ENTRANCES	WATER	
	CATEGORY LO	CATION	STATION TO S	TATION	SY	SY	TON	TON	TON	GAL	DOL	TON	TON	TON	MGAL	
_		DAR SAUK ROAD	15+18 TO	20+00	149	1,099	30			74	170	143	121		0.5	
			20+00 TO	25+00		1,223	30			73	180	154	120		0.5	
			25+00 TO	30+00		1,223	30			73	180	154	120		0.5	
			30+00 TO	35+00		1,223	30			73	180	154	120		0.5	
			35+00 TO	40+00	3	1,223	30			75	180	154	120	7	0.5	
			40+00 TO	45+00		1,223	30			73	180	154	120		0.5	
			45+00 TO	50+00		1,223	30			73	180	154	120		0.5	
			50+00 TO 55+00 TO	55+00 60+00		1,223 1,223	30 30			73 73	180 180	154 154	120 120		0.5 0.5	
			60+00 TO	65+00		1,223	30			73	180	154	120		0.5	
			65+00 TO	70+00		1,223	30			73	180	154	120		0.5	
			70+00 TO	75+00		1,223	30			73	180	154	120		0.5	
			75+00 TO	80+00		1,223	30			73	180	154	120		0.5	
			80+00 TO	85+00		1,223	30			73	180	154	120		0.5	
			85+00 TO	90+00		1,223	30			73	180	154	120		0.5	
			90+00 TO	95+00	6	1,223	30			76	180	154	120	13	0.5	
				100+00		1,223	30			73	180	154	120		0.5	
				105+00		1,223	30			73	180	154	120		0.5	
			105+00 TO			1,223	30			73	180	154	120		0.5	
			110+00 TO 115+00 TO	120+00	9	1,223 1,223	30 30			77 73	180 180	154 154	120 120	20	0.5 0.5	
			113+00 TO 120+00 TO		7	1,223	30			75 76	180	154	120	 15	0.5	
			125+00 TO			1,223	30			73	180	154	120		0.5	
			130+00 TO		128	995	20			69	160	132	108	13	0.3	
	FOI	REST LANE			134					8	20	12	13			
	НО	RNS CORNERS ROAD			132					8	20	12	13			
	CO	VERED BRIDGE ROAD			157					9	20	13	15			
								4.000	0.400							
							710	1,930	3,480	1 796					29.2	
	10	TALS			725	29,000	710	1,930	3,480	1,786	4,350	3700	2910	68	41.0	
	<u>E</u>	ROSION CON	TROL						<u>FIELI</u>	OFFIC	<u>E TYPE B</u>			CONS	TRUCTION STAK	ING
		628.1504 62	28.1520 62	8.1905	628.1910 6	30.0200										
		020.1004 6.	20.1320 62	MOBILIZAT		30.0200						542.5001			650.80	
		SILT FENCE	<u> </u>	EROSION CC		EEDING		CATE 00		JECT 5-05-71		EACH 1				SUPPLEMENTAL CONTROL

		EROSION (CONTROL			<u> </u>	FIELD OFFIC	<u>E TYPE B</u>				<u>ON STAKIN(</u>	<u>3</u>	
<u>_CATEGO</u> 0010		628.1504 	628.1520 FENCE MAINTENANCE LF 3,170 400 900 4,470	628.1910 LIZATIONS N CONTROL EMERGENCY EACH - 3 3	630.0200 SEEDING TEMPORARY LB 15 15	CATEGOR 0010	(PROJECT 2695-05-71 TOTAL	642.500 EACH 1 1		CATEGORY 0010	LOCATION CEDAR SAUK ROAD UNDISTRIBUTED TOTAL	650.8000 REFERENCE LF 11,940 11,940	650.9911 SUPPLEMENTAL CONTROL 2695-05-71 EACH 1 1	
PROJECT NO:	2695-05-71	HWY: LO	DCAL STREET	COUN	ITY: OZAUKEE		MISCELLANEOU	IS QUANTITIES				SHEET		Т
FILE NAME : \\RASMIT	TH.COM\CEDARBURG\MUNICIPAL\1211058\CEDAR SA	UK ROAD\DWG\26950571\SI	HEETS\030201-MQ.DWG		PLOT DATE :	9/7/2022 11:25 AM	PLOT BY :	GASPER, MICHAEL	PLOT NAME :		PLOT SCALE : 1" = 1'		WISDOT/CAD	

FILE NAME : CEDAR SAUK ROAD\DWG\26950571\SHEETS\030201-MQ.DWG \\RASMITH.COM\CEE LAYOUT NAME - 01

PLOT DATE : 9/7/2022 11:25 AM

TRAFFIC CONTROL

				643.0300		643.0420		643.0705		643.0900 SIGNS	643.1000	643.5000
			DRU	JMS	BARRI TYP		WARNING TYP	G LIGHTS E A			EIXED MESSAGE	TRAFFIC CONTROL
	CATEGORY	LOCATION	EACH	DAY	EACH	DAY	EACH	DAY	EACH	DAY	SE	EACH
	0010	WEST LIMITS			2	118	4	236	6	354	20.0	
		EAST LIMITS			4	236	8	472	6	354	20.0	
2		FOREST LANE			2	118	4	236	3	177		
5		HORNS CORNERS ROAD			2	118	4	236	3	177		
		COVERD BRIDGE ROAD			2	118	4	236	3	177		
		UNDISTRIBUTED	15	885	2	118	4	236				1
		TOTALS		885		826		1,652		1,239	40.0	1

				646.1		646.6120	648.0100
				MARKIN		MARKING	
				EPC		STOP LINE	LOCATING
				4-IN		EPOXY	NO-PASSIN
CATECODY	LOCATION	CTATION TO	CTATION		(YELLOW)	18-INCH	ZONES
CATEGORY		STATION TO		LF	LF	LF	MI
0010	CEDAR SAUK ROAD	15+18 TO	20+00	965	965	15	0.09
		20+00 TO	25+00	1,000	625	~ ~	0.10
		25+00 TO	30+00	908	625		0.10
		30+00 TO	35+00	1,000	625		0.10
		35+00 TO	40+00	1,000	625		0.10
		40+00 TO	45+00	1,000	625		0.10
		45+00 TO	50+00	1,000	625		0.10
		50+00 TO	55+00	908	625		0.10
		55+00 TO	60+00	1,000	625		0.10
		60+00 TO	65+00	1,000	625		0.10
		65+00 TO	70+00	1,000	625		0.10
		70+00 TO	75+00	1,000	625		0.09
		75+00 TO	80+00	1,000	625		0.09
		80+00 TO	85+00	1,000	625		0.09
		85+00 TO	90+00	1,000	625		0.09
		90+00 TO	95+00	1,000	625		0.09
		95+00 TO	100+00	1,000	625		0.09
		100+00 TO	105+00	1,000	625		0.09
		105+00 TO	110+00	912	625		0.09
		110+00 TO	115+00	1,000	625		0.09
		115+00 TO	120+00	1,000	625		0.09
		120+00 TO	125+00	1,000	625		0.09
		125+00 TO	130+00	1,000	625		0.09
		130+00 TO	134+55	910	569		0.09
	FOREST LANE						
	HORNS CORNERS ROAD						
	COVERED BRIDGE ROAD						
	UNDISTRIBUTED			7	6		
	SUBTOTALS			23,610	15,290		
	TOTALS			38,9	900	15	2.26

	SAWING	ASPHALT
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CATEGORY	LOCATION	STA
0010	CEDAR SAUK ROAD	1

RNS CORNERS ROAD
VERED BRIDGE ROAD
DISTRIBUTED
TALS

FOREST LANE

SECTION CORNER MONUMENTS

CATEGORY 0010	LOCATION CEDAR SAUK ROAD	STAT 27+14.37		DESCRIPTION SOUTH HALF-QUARTER SECTION, T10N, R21E, SEC 5	EACH 1
0100	CEDAN SAOK NOAD	42+63.52		NORTH HALF-QUARTER SECTION, T11N, R21E, SEC 31	1
		53+54.28		SOUTH HALF-QUARTER SECTION, TIIN, R21E, SEC 51	1
		68+99.22	0.00' RT	NORTH HALF-SECTION CORNER, T11N, R21E, SECS 31 & 32	1
		79+92.84	0.00' RT	SOUTH HALF-QUARTER SECTION, T10N, R21E, SEC 4	1
		95+34.73	0.00' RT	NORTH HALF-QUARTER SECTION, T11N, R21E, SEC 32	1
		106+31.13	0.00' RT	SOUTH HALF-SECTION CORNER, T10N, R21E, SECS 4 & 3	1
		121+71.20	0.00' RT	NORTH HALF-SECTION CORNER, T11N, R21E, SECS 32 & 33	1
		132+80.01	0.00' RT	SOUTH HALF-SECTION CORNER, T10N, R21E, SEC 3	1
	TOTALS				9

PROJEC	CT NO: 2695-05-71	HWY: LOCAL STREET	COUNTY: OZAUK			MISCELLANEOU	S QUANTITIES	
FILE NAME :	FILE NAME : \\RASMITH.COM\CEDARBURG\MUNICIPAL\1211058\CEDAR SAUK ROAD\DWG\26950571\SHEETS\030201-MQ.DWG LAYOUT NAME - 02			PLOT DATE :	7/22/2022 9:40 AM	PLOT BY :	GASPER, MICHAEL	PLOT NAME :

TATION TO	STATION	LF
15+18 TO	20+00	79
20+00 TO	25+00	
25+00 TO	30+00	
30+00 TO	35+00	
35+00 TO	40+00	33
40+00 TO	45+00	
45+00 TO	50+00	
50+00 TO	55+00	
55+00 TO	60+00	
60+00 TO	65+00	
65+00 TO	70+00	
70+00 TO	75+00	
75+00 TO	80+00	
80+00 TO	85+00	
85+00 TO	90+00	
90+00 TO	95+00	58
95+00 TO	100+00	
100+00 TO	105+00	
105+00 TO	110+00	
110+00 TO	115+00	83
115+00 TO	120+00	
120+00 TO	125+00	64
125+00 TO	130+00	
130+00 TO	134+55	57
		109
		114
		113
		710

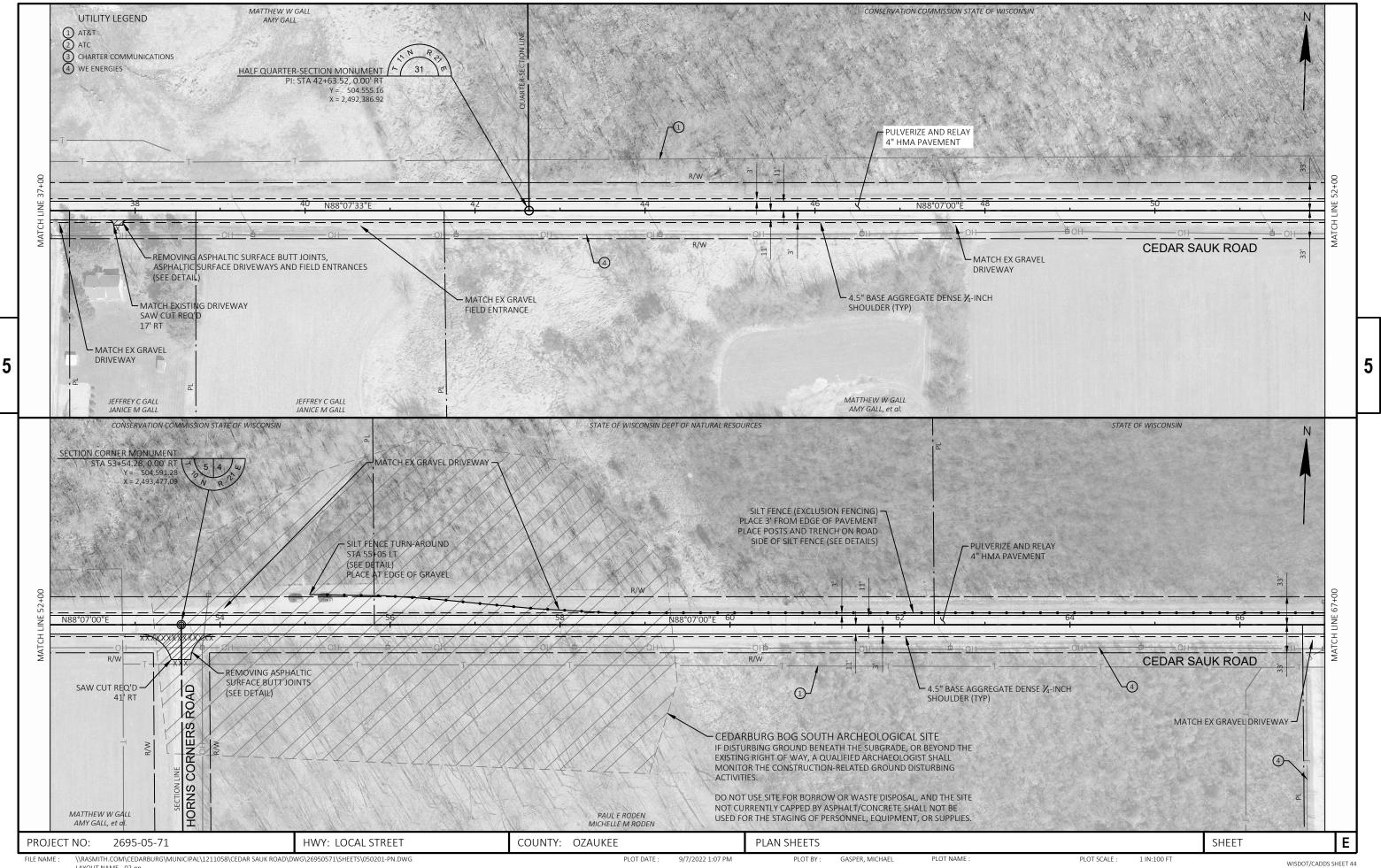
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LAYOUT NAME - 01-pn

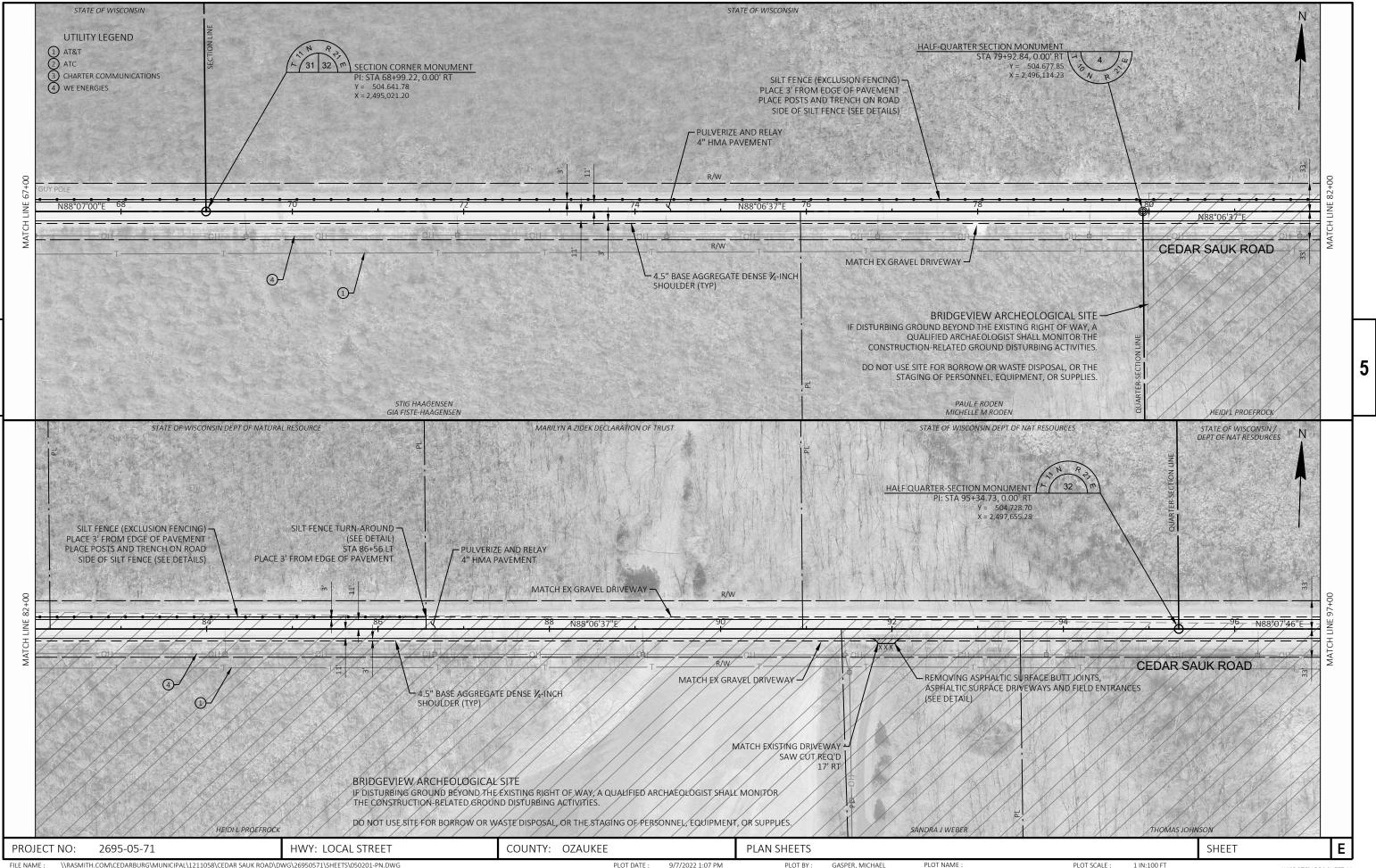
PLOT DATE : 7/22/2022 9:41 AM PLOT BY :



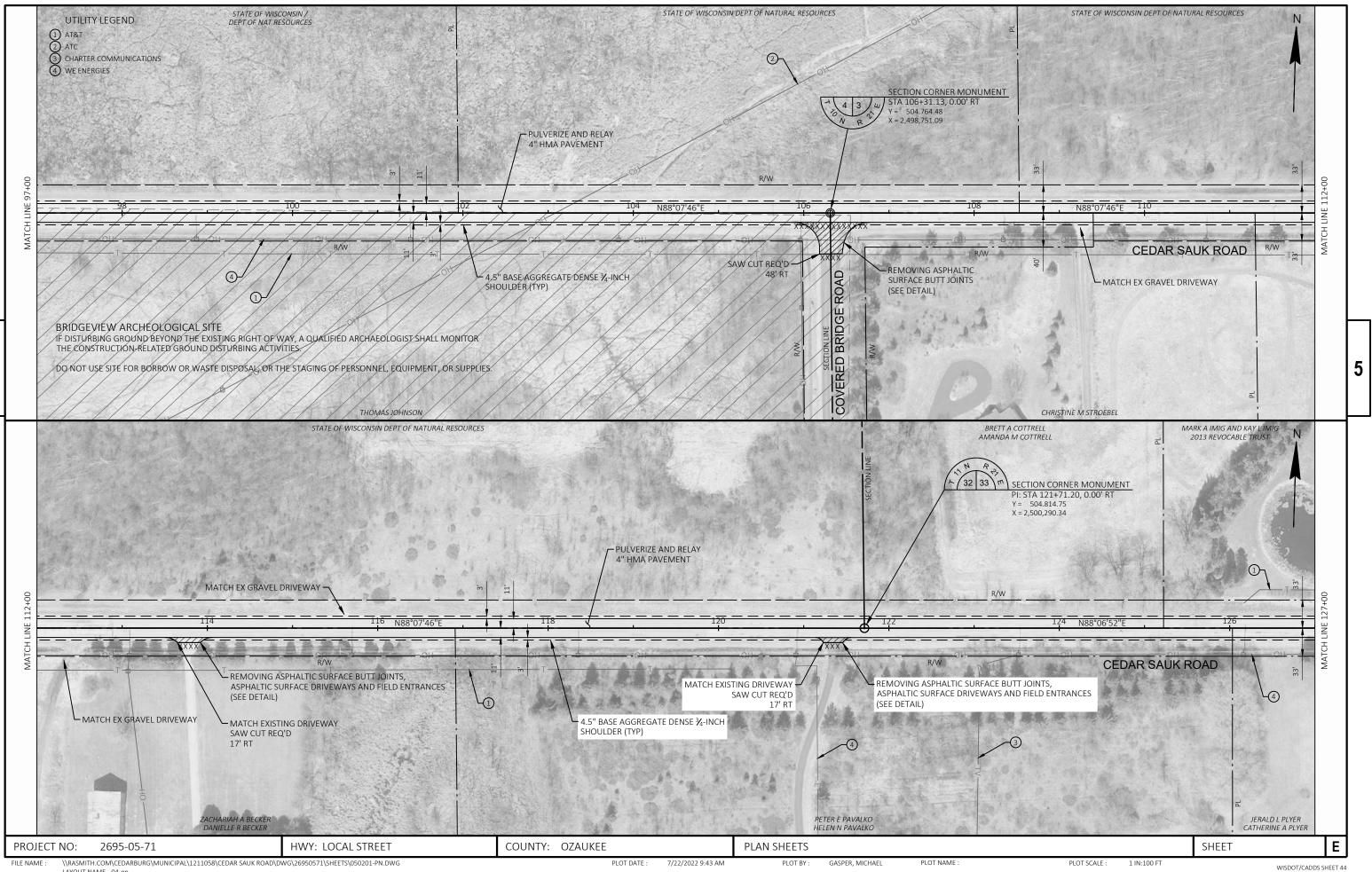
LAYOUT NAME - 02-pn

PLOT DATE :

GASPER, MICHAEL



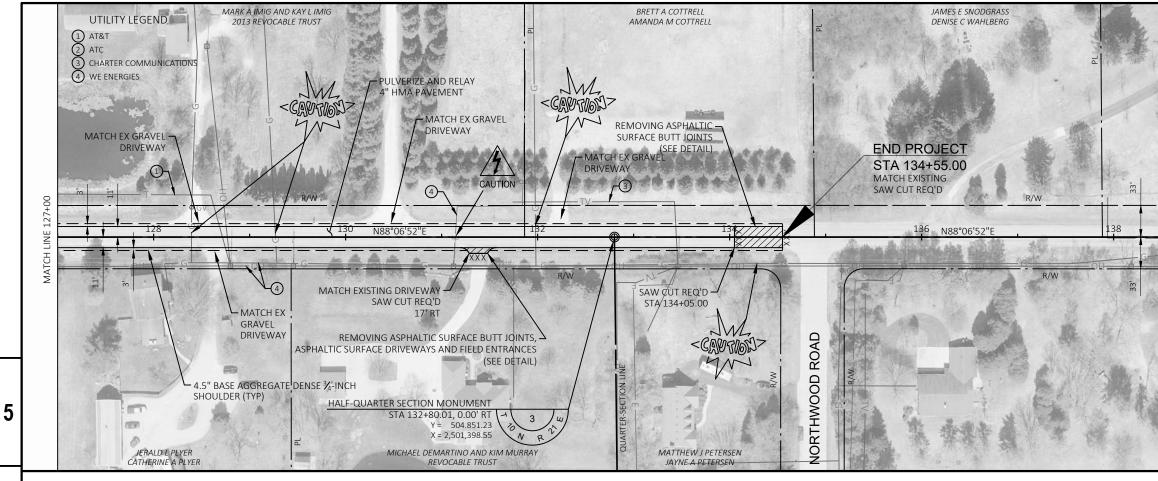
GASPER, MICHAEL PLOT NAME



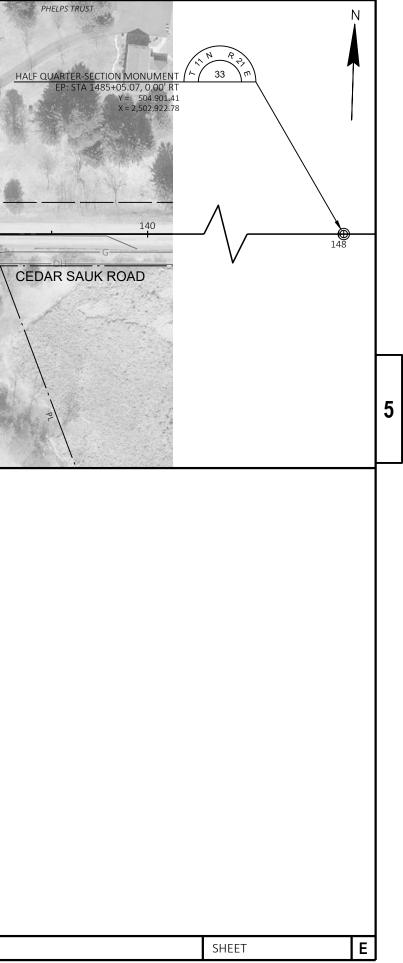
LAYOUT NAME - 04-pn

5

PLOT DATE : 7/22/2022 9:43 AM

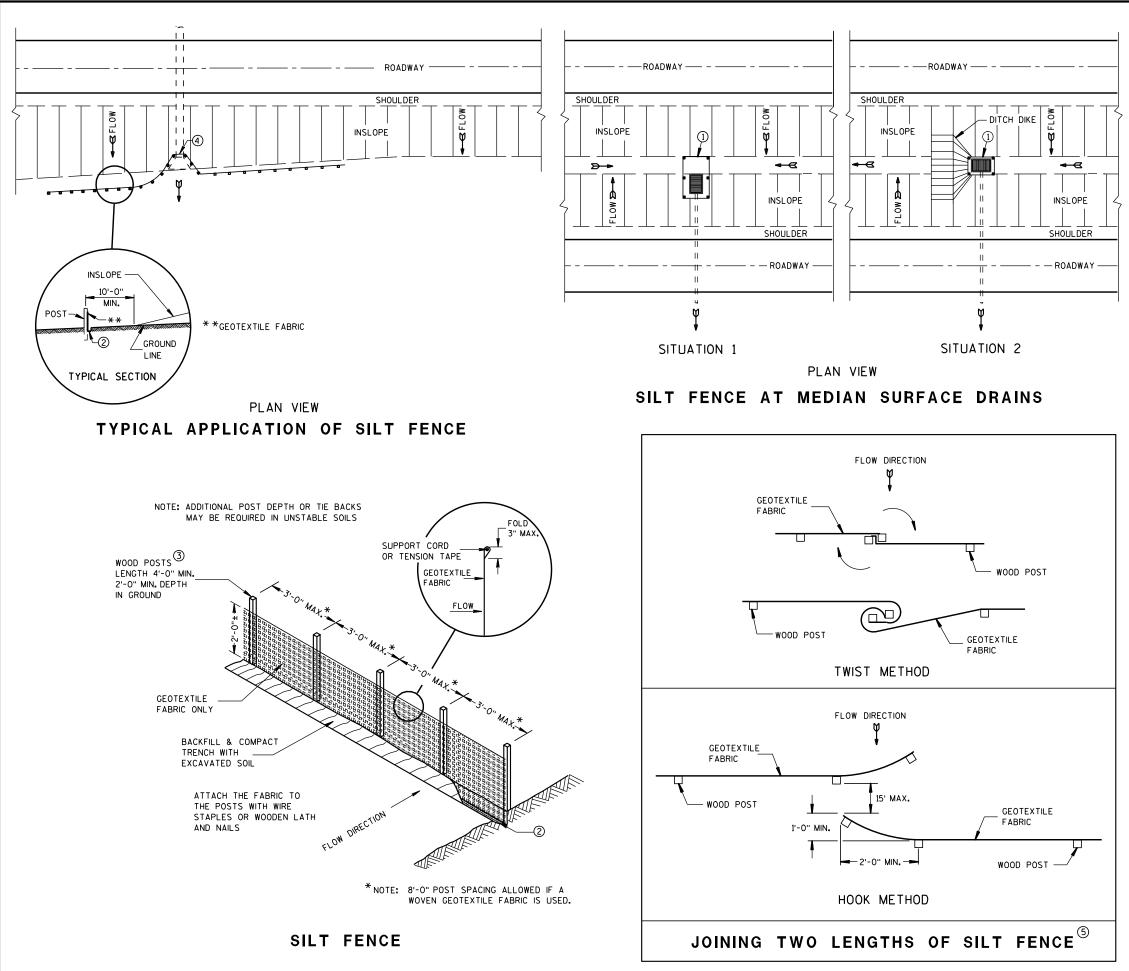


OJECT NO: 2695-05-71	HWY: LOCAL STREET	COUNTY: OZAUKEE	PLAN SHEETS	



Standard Detail Drawing List

08E09-06	SILT FENCE
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15С02-08в	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C08-21A	LONGITUDINAL MARKING (MAINLINE)
15C08-21D	PAVEMENT MARKING (TURN LANES)
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING



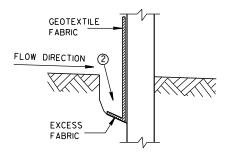
S.D.D. 8 E 9

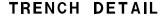
Ō

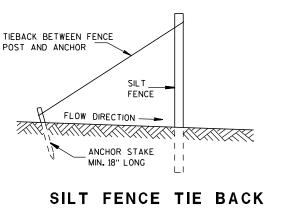
GENERAL NOTES

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

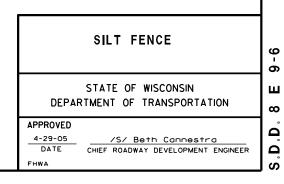
- \bigcirc horizontal brace required with 2" x 4" wooden frame or equivalent at top of posts.
- (2) FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- (3) WOOD POSTS SHALL BE A MINIMUM SIZE OF $1/_8$ " X $1/_8$ " OF OAK OR HICKORY.
- (4) SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
- (5) CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

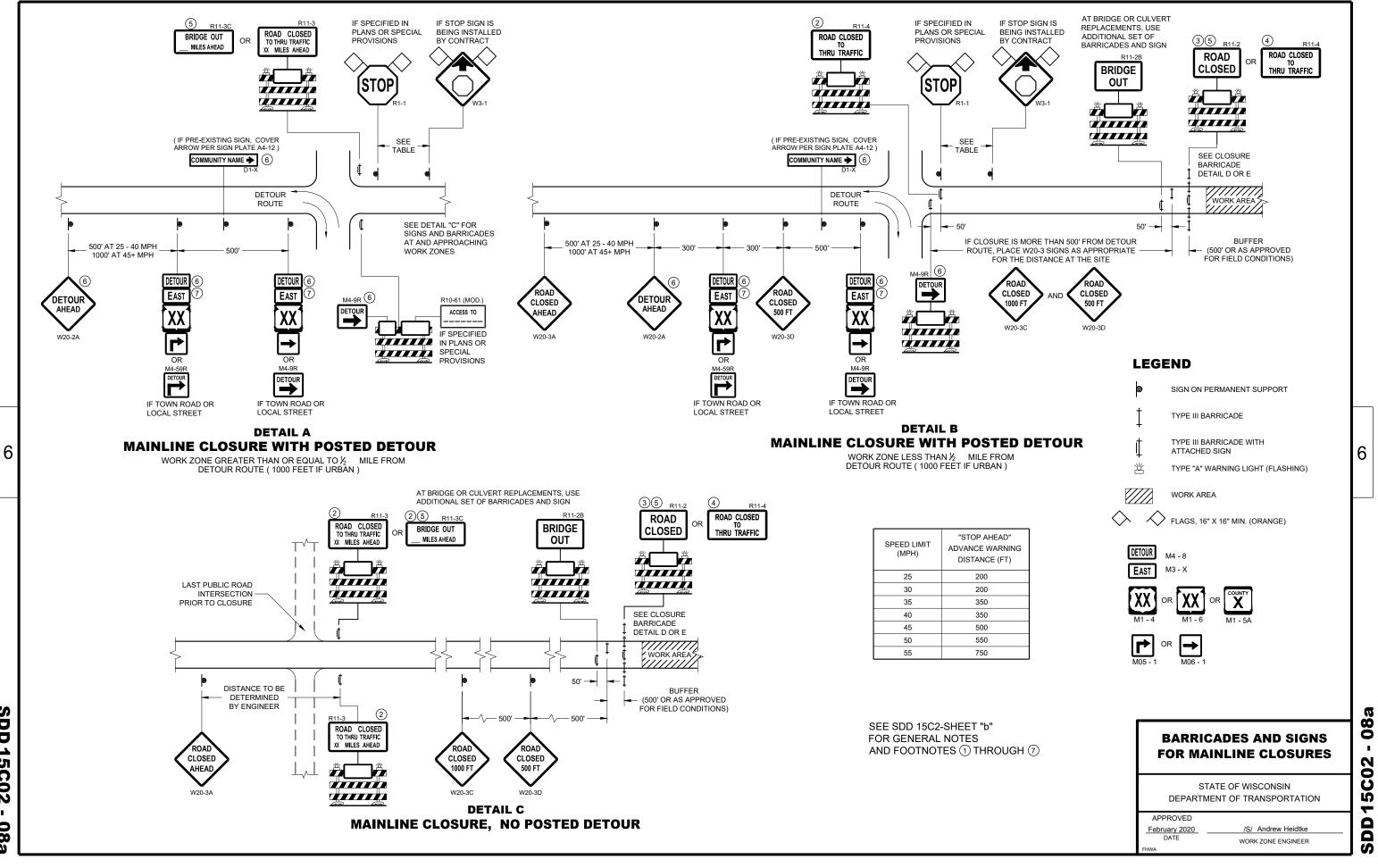


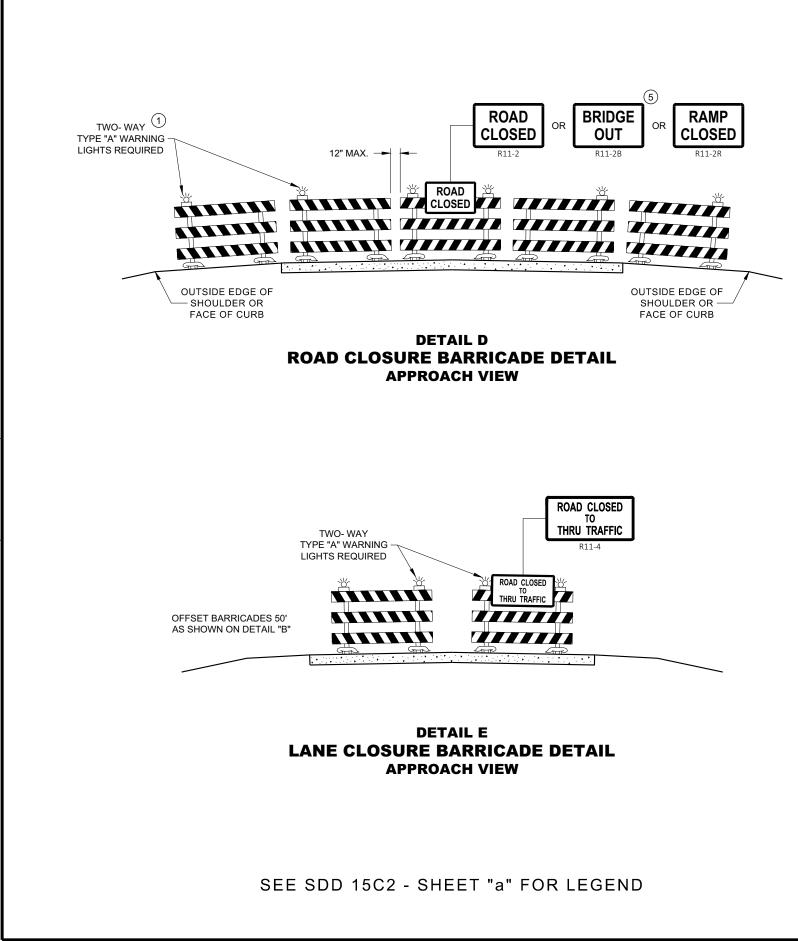




(WHEN REQUIRED BY THE ENGINEER)







GENERAL NOTES

FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SUPPORTS.

FULL ROAD CLOSURES.

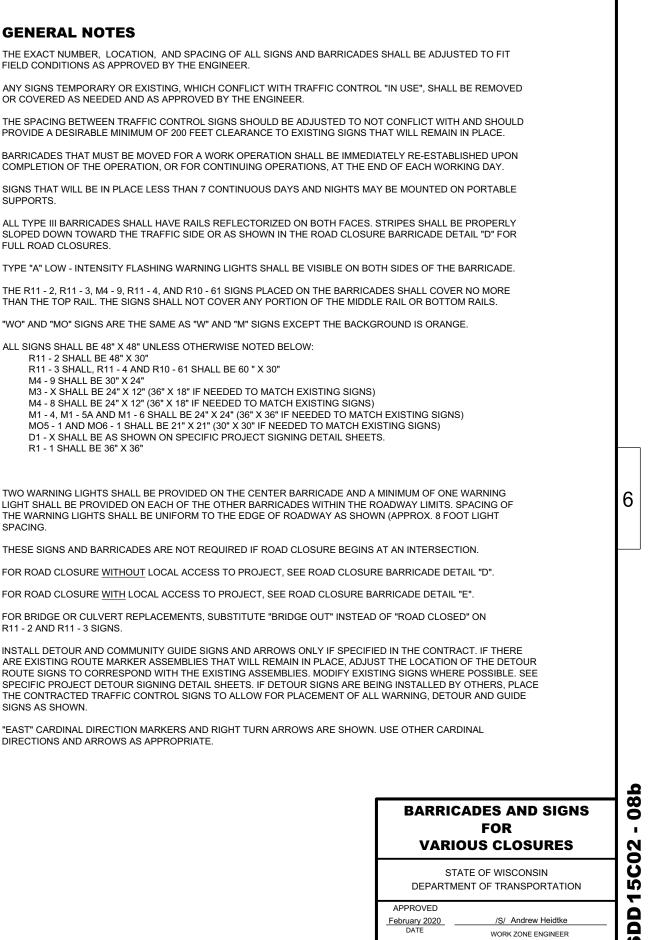
THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

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

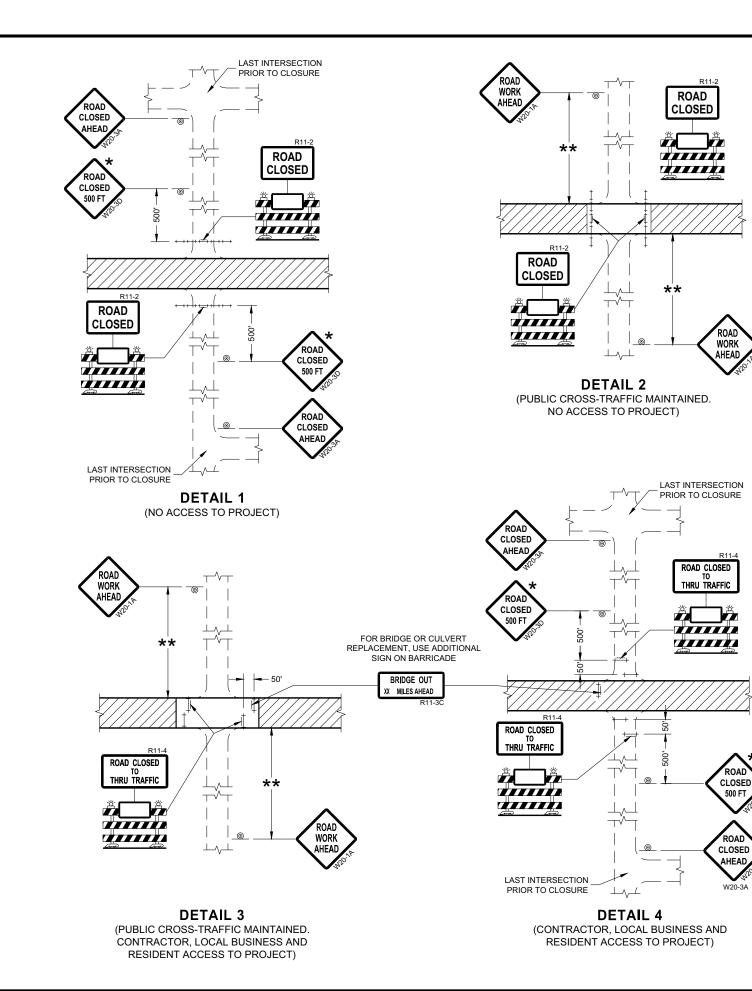
- ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW: R11 - 2 SHALL BE 48" X 30"
 - R11 3 SHALL, R11 4 AND R10 61 SHALL BE 60 " X 30" M4 - 9 SHALL BE 30" X 24"
 - M3 X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
 - M4 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING 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 THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING
- (2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.
- (3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".
- (4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".
- (5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.
- (6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE SIGNS AS SHOWN.
- (7)"EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

6



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GENERAL NOTES

AS APPROVED BY THE ENGINEER.

NEEDED AND AS APPROVED BY THE ENGINEER.

SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

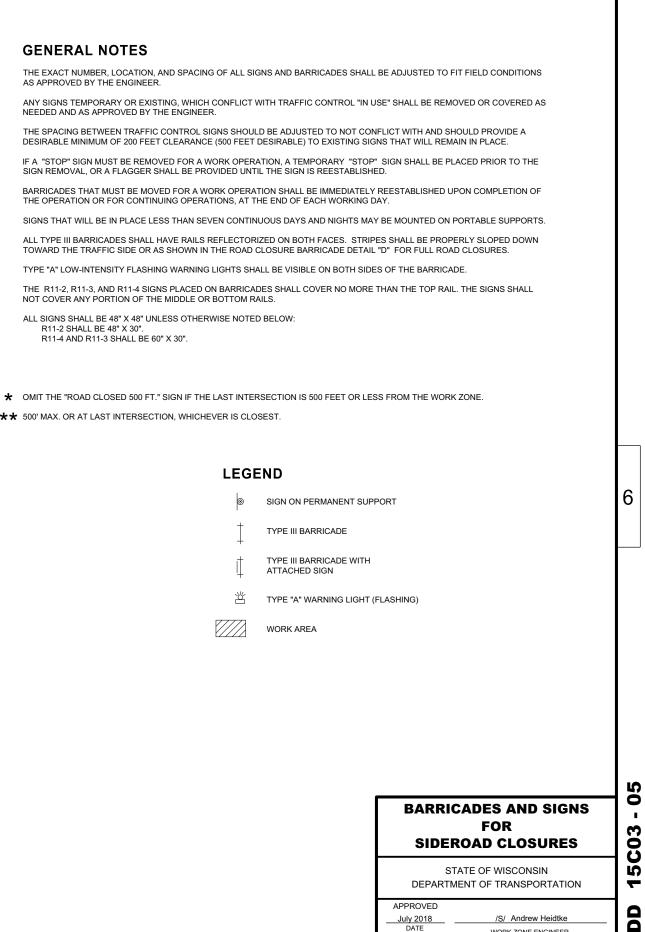
NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW: R11-2 SHALL BE 48" X 30". R11-4 AND R11-3 SHALL BE 60" X 30".

★★ 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.

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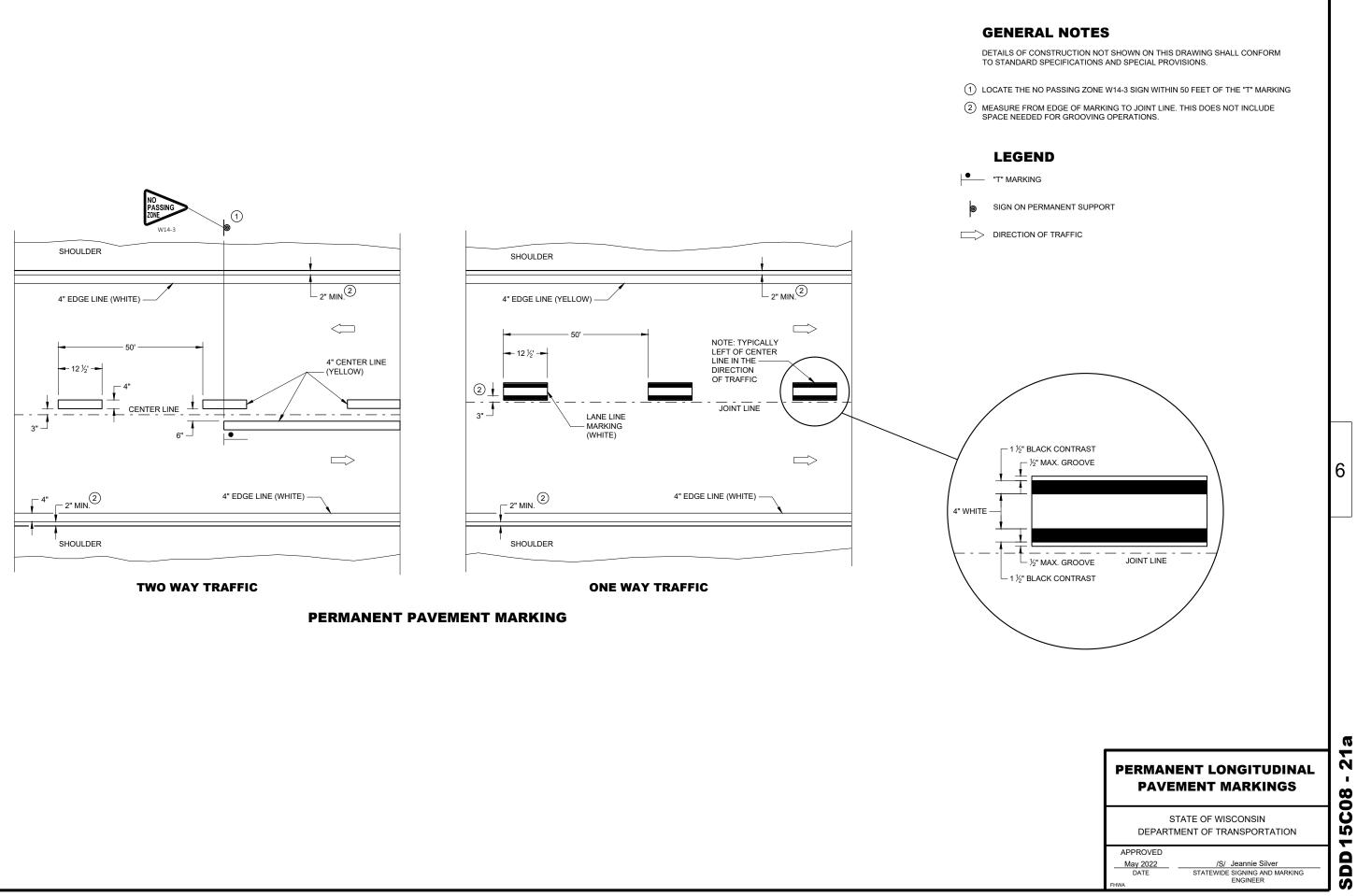




S

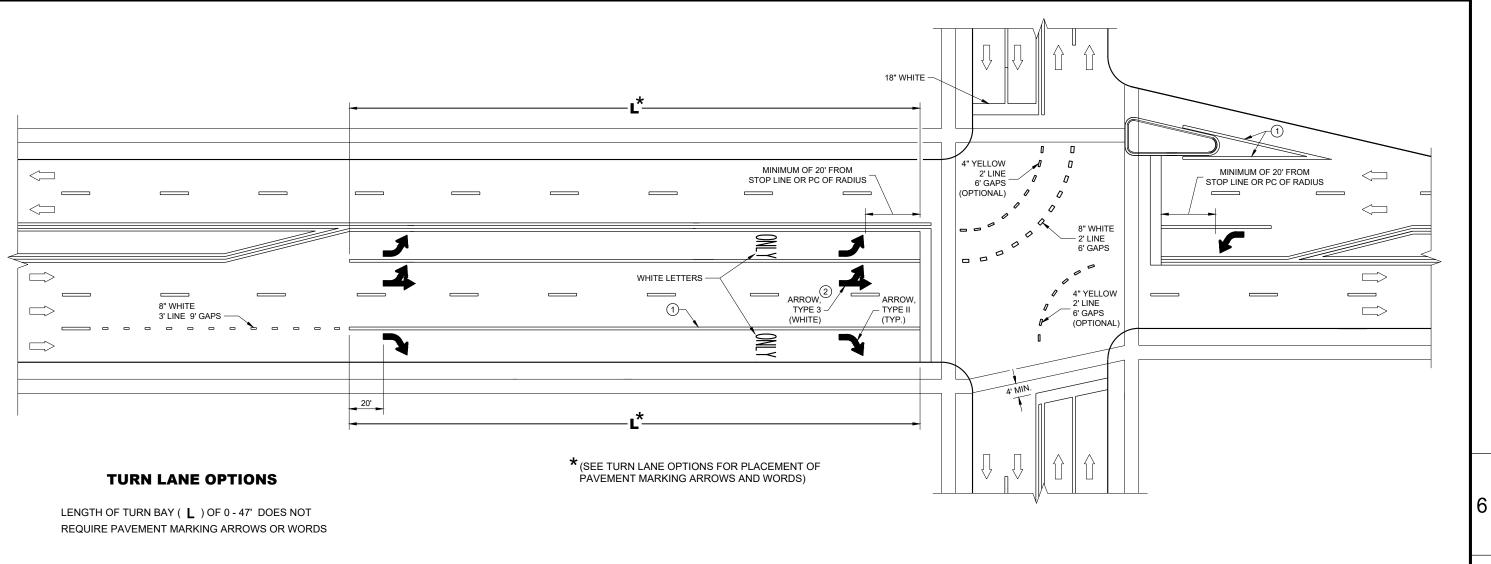
WORK ZONE ENGINEER

July 2018 DATE



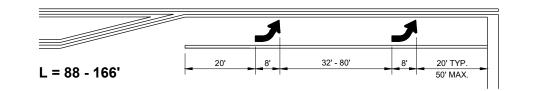






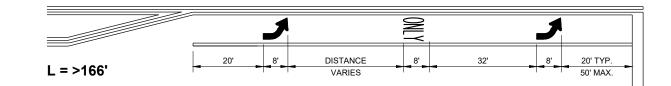
GENERAL NOTES

- (1) 8" WHITE
- SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.
- DIRECTION OF TRAFFIC
- = LENGTH OF TURN BAY



20

L = 48 - 87'



DISTANCE

VARIES

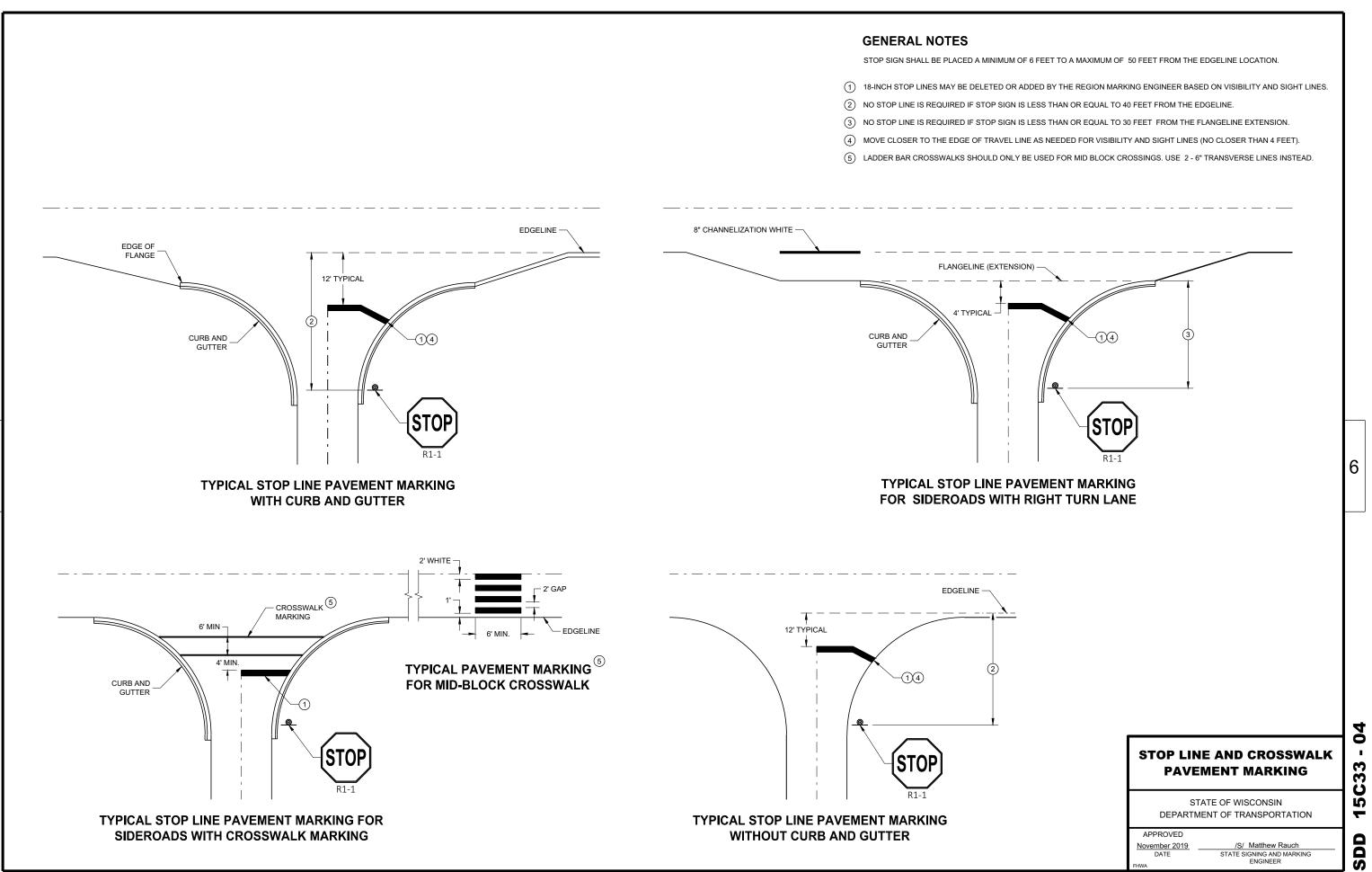


6

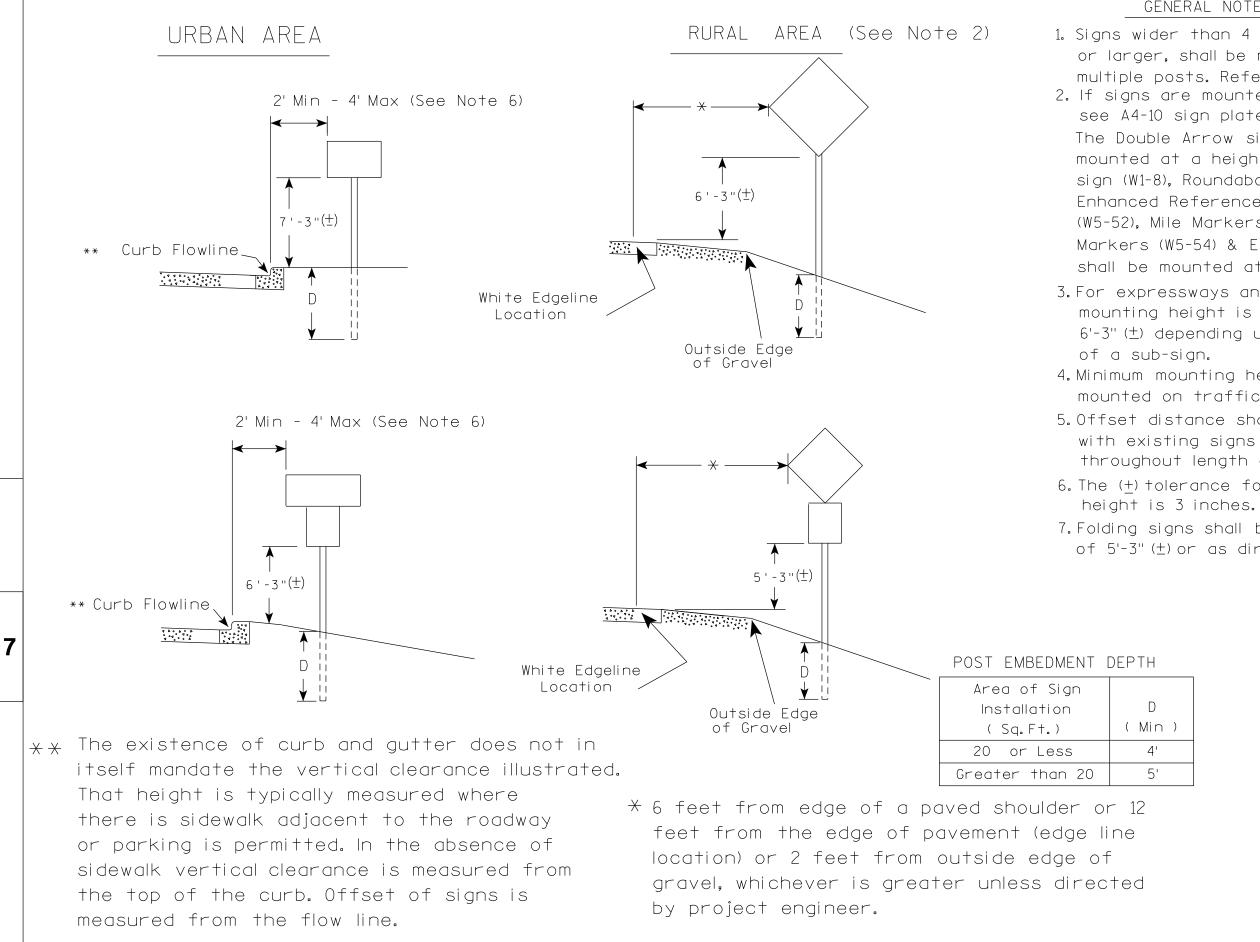
(2) QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



SDD 15C33 - 04

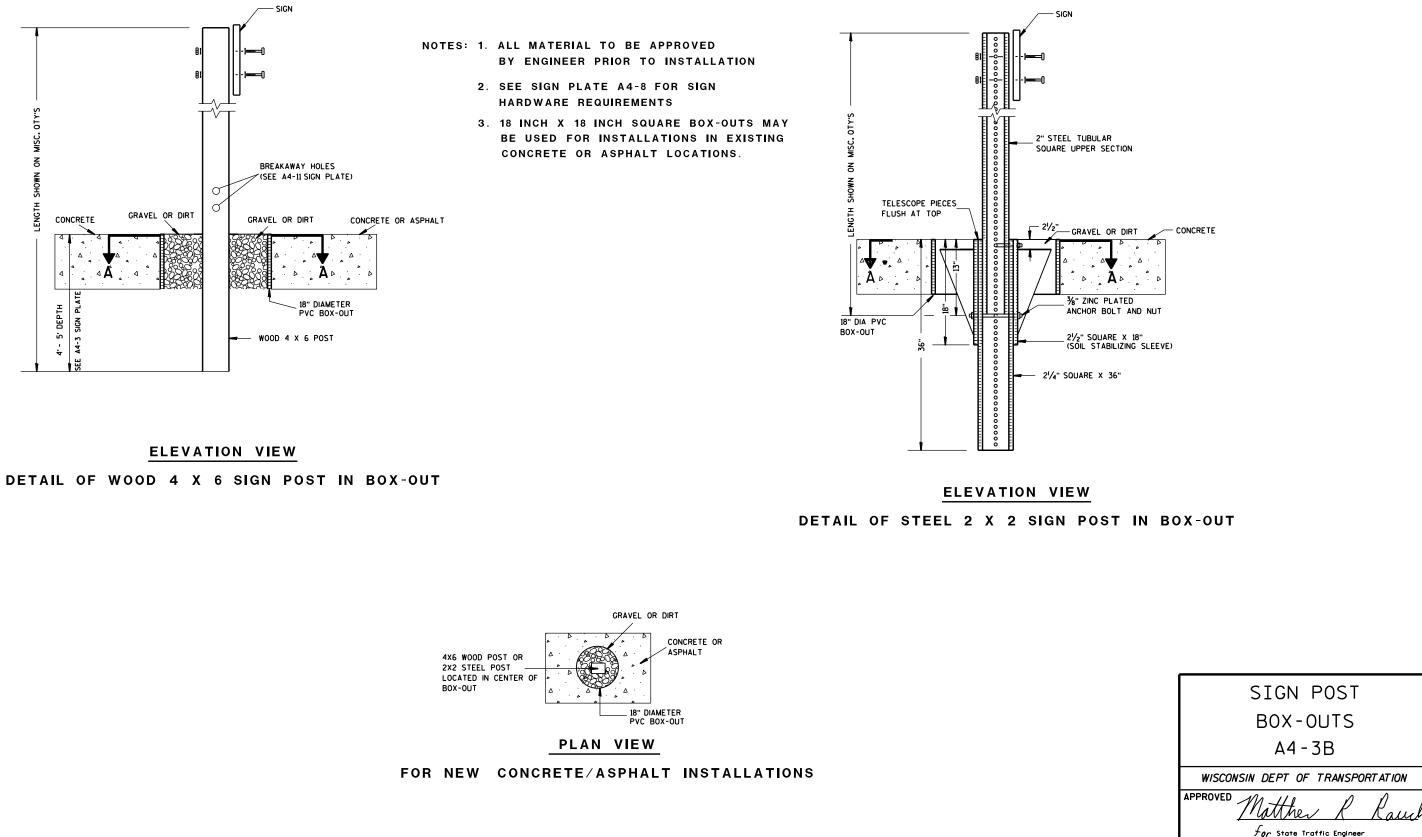


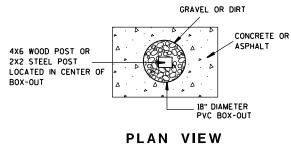
PROJECT NO:	HWY:	COUNTY:			
			DI AT DITE : 47 HUN 0000 4 4	DI OT DY IN IO	DLOT NAME -

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 or behind barrier wall. see A4-10 sian plate. The Double Arrow sign (W12-1D) 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'' (+). 3. For expressways and freeways, mounting height is 7'- 3" (\pm) or $6'-3''(\pm)$ depending upon existence 4. Minimum mounting height for signs mounted on traffic signal poles is 5' - 3'' (+). 5. Offset distance shall be consistent with existing signs or consistent throughout length of project. 6. The (+) tolerance for mounting 7. Folding signs shall be mounted at a height of 5'-3" (\pm) or as directd by the Engineer.

)	
	TYPICAL INSTALLATION
	OF PERMANENT TYPE II
	SIGNS ON SINGLE POSTS
	WISCONSIN DEPT OF TRANSPORTATION
	APPROVED Matthew & Rauch For state Traffic Engineer
	DATE <u>5/13/202</u> 0 PLATE NO. <u>44-3.22</u>
	SHEET NO: E
PLOT SCALE : \$\$	WISDOT/CADDS SHEET 42





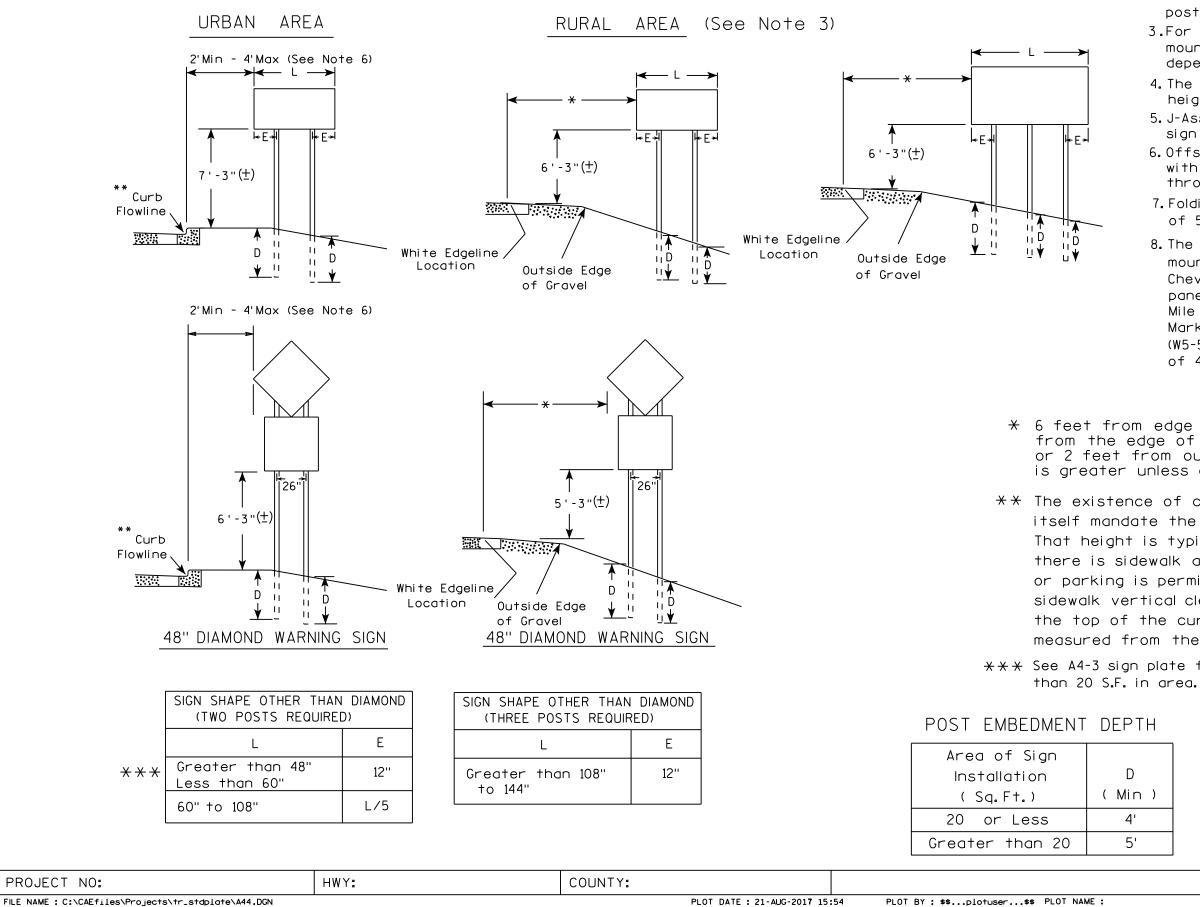
PROJECT NO:	HWY:	COUNTY:				
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN			PLOT DATE : 27-JAN-2014 09:4	8	PLOT BY : mscsja	PLOT NAME :

DATE <u>1/27/14</u>

SHEET NO:

PLATE NO. <u>A4-3B.1</u>

Ε



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

7

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 $7'-3''(\pm)$ or $6'-3''(\pm)$ depending upon existence of sub-sign.
- 4. The (±) tolerance for mounting height is 3 inches.
- 5. J-Assemblies are considered to be one sign for mounting height.
- 6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 7. Folding signs shall be mounted at a height of 5'-3" (\pm) 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.

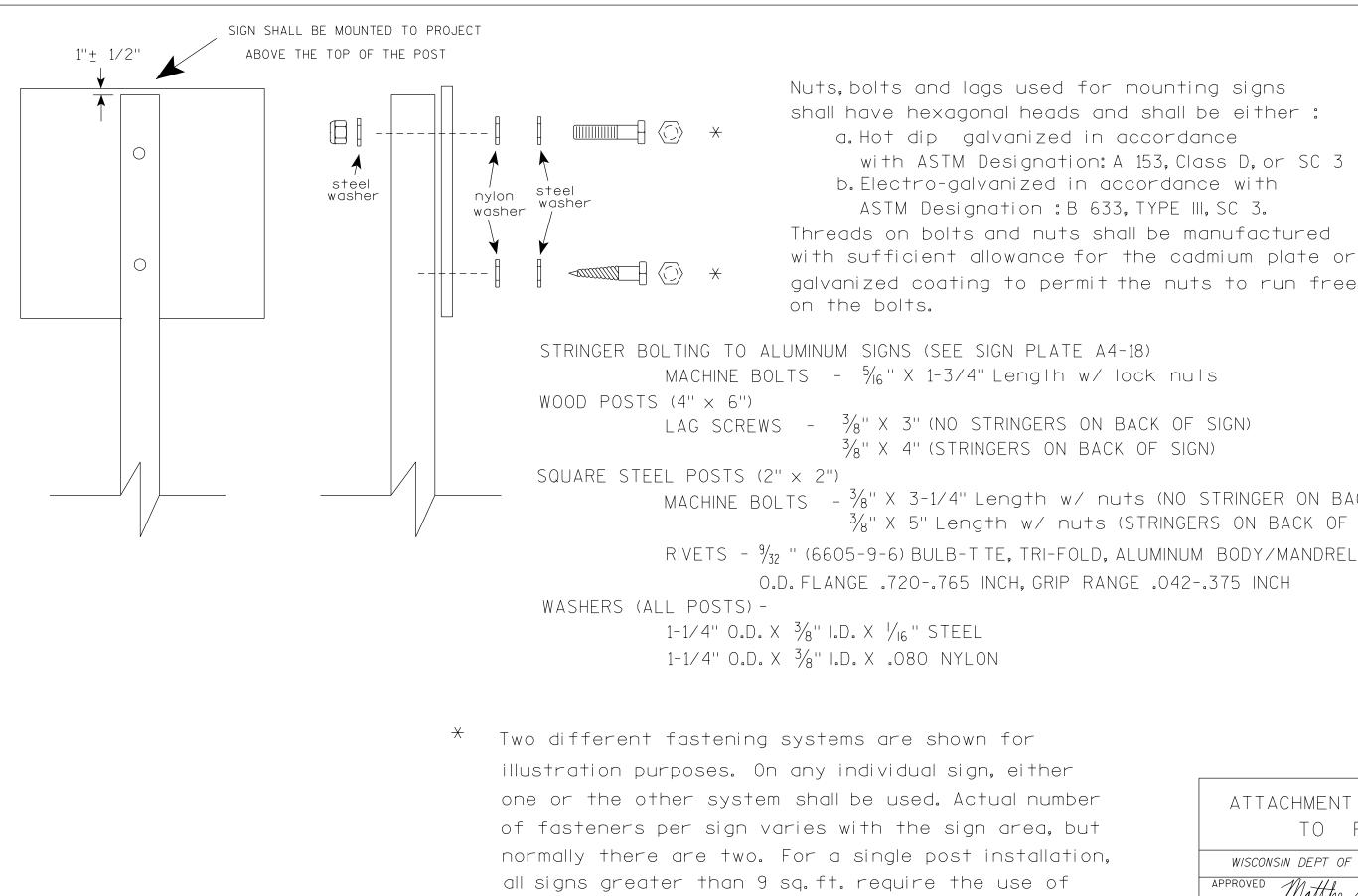
** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs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

 \times \times See A4-3 sign plate for signs 4' or less in width and less

H	TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS
)	WISCONSIN DEPT OF TRANSPORTATION
,	APPROVED Matther & Rauch
	For State Traffic Engineer
	DATE 8/21/17 PLATE NO. 44-4.15
	SHEET NO: E
DI AT. CA	L 5 - 100 100007-1 00000

PLOT SCALE : 108.188297:1.000000

WISDOT/CADDS SHEET 42



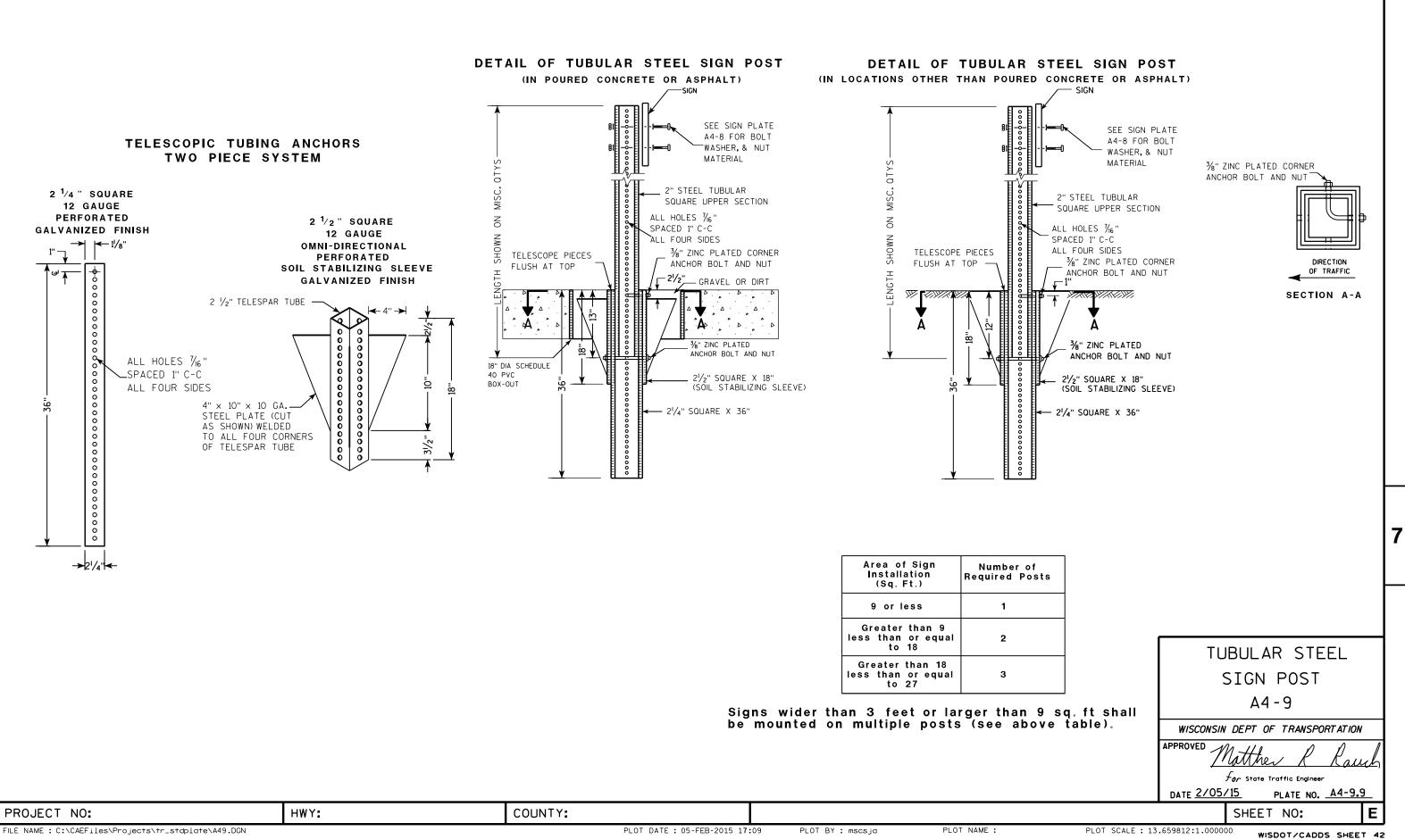
3 fasteners.

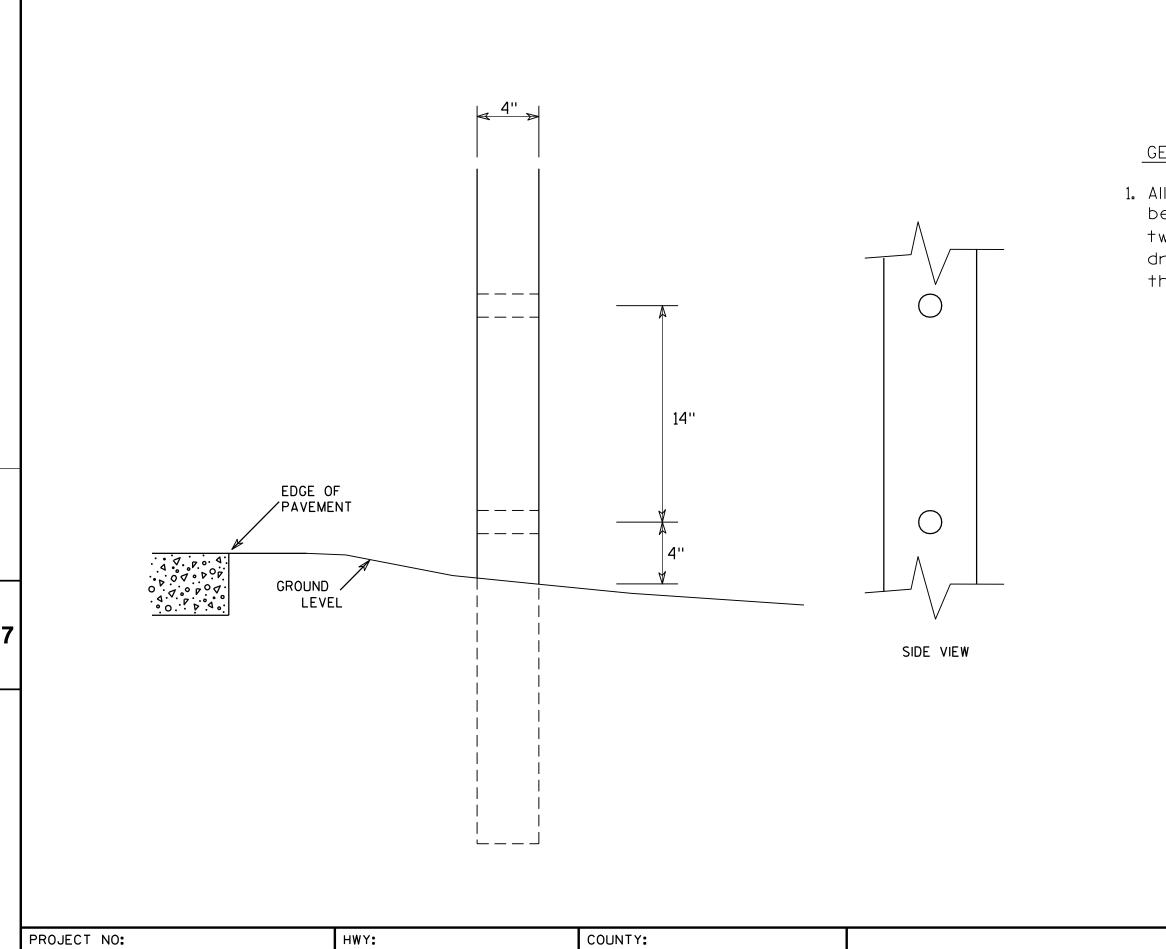
Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either : a. Hot dip galvanized in accordance with ASTM Designation: A 153. Class D. or SC 3 b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3. Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely

 $\frac{3}{8}$ " X 4" (STRINGERS ON BACK OF SIGN)

MACHINE BOLTS - ³/₈" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN) 3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

ATTACHMENT OF SIGNS TO POSTS
WISCONSIN DEPT OF TRANSPORTATION
APPROVED Matthew R Rauch
For State Traffic Engineer
DATE <u>4/1/202</u> 0 plate no. <u>A4-8.9</u>
SHEET NO: E



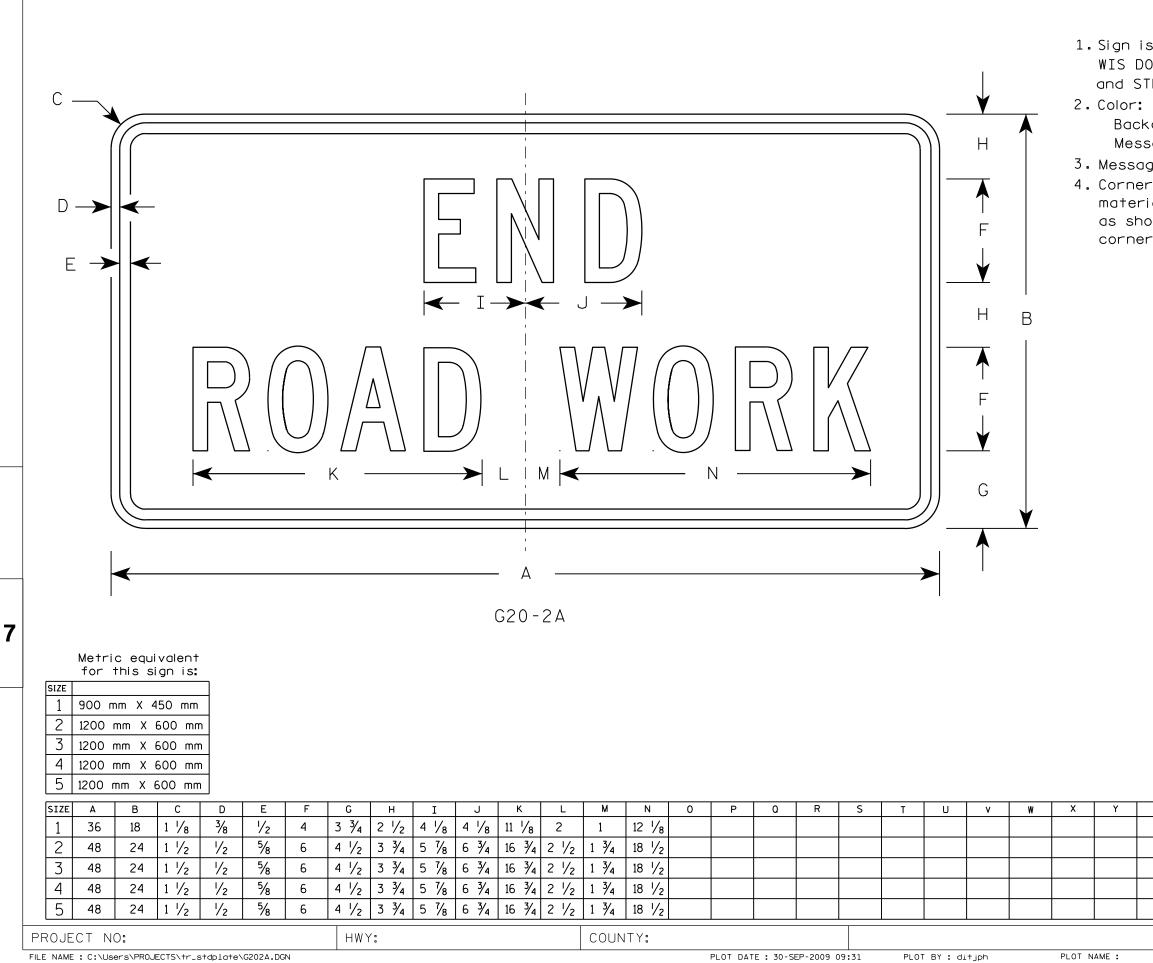


FILE NAME : C:\Users\Projects\tr_stdplate\A411.DGN

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two $1\frac{1}{2}$ " diameter holes drilled perpendicular to the roadway centerline.

	4	Xe	5 V	00	DF	20S1	-	
		MOD	IF	ICA	ΤI	ONS		
	WISCONSIN DEPT OF TRANSPORTATION							
	APPROVE	D	Ine	iter \	Γź	Span		_
		•	tor	State Tr	affic E	ngineer		
	DATE 3	/27/9	7	PLA	TE N	A4- 1	11.2	_
			SF	IEET	N0:			Ε
OT SCALE	E:6.20 7 33	8:1.0000	00	WISD	от/с	ADDS SI	HEET	42



NOTES

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

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.

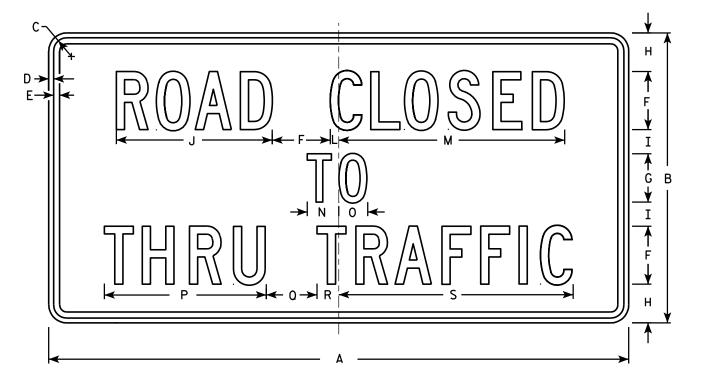
Z	Areo sq. ft.	Areo		S	FANDA F	RD SI(GN		
-	4 . 5	0.41			G20	0-2A			
	8.0	0.72		WISCON	SIN DEPT O	F TRANSPO	RTATION		
	8.0	0.72		APPROVED	M.#	D	0 1		
	8.0	0.72		For State Traffic Engineer					
	8.0	0.72		DATE <u>9/3</u>		PLATE NO.		<u>.8</u>	
					SHEET	NO:		Ε	
	F	PLOT SCA	LE : 5.5617) WISE	OT/CADDS	SHEET	42		

NOTES

- 2. Color:

Background - White Message - Black

- 3. Message Series C



R11-4

SIZE	Α	В	С	D	E	F	G	н	I	J	к	L	M	N	0	P	0	R	S	Т	U	v	W	X	Y	
1																										
2S	60	30	1 3/8	1/2	5%	6	5	4	2 1/2	16 1⁄8		1⁄8	23 ¾	3 1⁄4	3	16 3⁄4	5 1⁄4	2 1/4	24 ¼							
2M	60	30	1 3/8	1/2	5⁄8	6	5	4	2 1/2	16 1⁄8		1⁄8	23 ¾	3 1⁄4	3	16 3⁄4	5 1⁄4	2 1/4	24 1/4							
3																										
4																										
5																										
PRO	JECT	NO:					н	WY:					COU	NTY:												
FILE N	AME : C:	\Users\P	ROJECTS\1	r_stdplc	te\R114.	DGN										PLOT DA	TE : 01-4	APR-2011	14:11	PLO	T BY : ms	scj9h		PLOT N	AME :	

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

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.

	1	Area	
STANDARD SIGN		sq. ft.	Z
R11 - 4		12.5	
WISCONSIN DEPT OF TRANSPORTATION	W	12.5	
APPROVED Matthew & Rauch	APPR		
DATE 4/1/11 PLATE NO. R11-4.3	DAT		
SHEET NO: E			
39:1.000000 WISDOT/CADDS SHEET 4	OT SCALE : 9.931739:1.	PLC	

		1. s 2. 3. 4.
	$\begin{array}{c c} & & & \\ \hline \\$	
•	W20-1A W20-1B	
	2S 48 2 '/4 3/4 1 8 3 3/4 5 1/8 15 3/8 11 1/8 12 1/8 14 3/8 1 5/8 6 7/8 5 3/8 13 7/8 4 3/8 3 7/8 3 8 5/8 1 2M 48 2 1/4 3/4 1 8 3 3/4 5 1/8 15 3/8 11 1/8 12 1/8 14 3/8 1 5/8 6 7/8 5 3/8 13 7/8 4 3/8 3 7/8 3 8 5/8 1 2M 48 2 1/4 3/4 1 8 3 3/4 5 1/8 15 3/8 11 1/8 12 1/8 14 3/8 1 5/8 6 7/8 5 3/8 13 7/8 4 3/8 3 7/8 3 8 5/8 1 3 48 2 1/4 3/4 1 8 3 3/4 5 1/8 15 3/8 11 1/8 12 1/8 14 3/8 1 5/8 6 7/8 5 3/8 13 7/8 4 3/8 3 7/8 3 8 5/8 1 3 48 2 1/4 3/4 1 8 15 3/8 11 1/8 12 1/8 14 3/8 1 5/8 6 7/8 5 3/8 13 7/8<	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

3 3/4 5 1/8 15 3/8 11 1/8 12 1/8 14 3/8 1 5/8 6 7/8 5 3/8 13 7/8 4 3/8 3 7/8

PROJECT	NO:
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48

5

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FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN

2 1/4

3/4

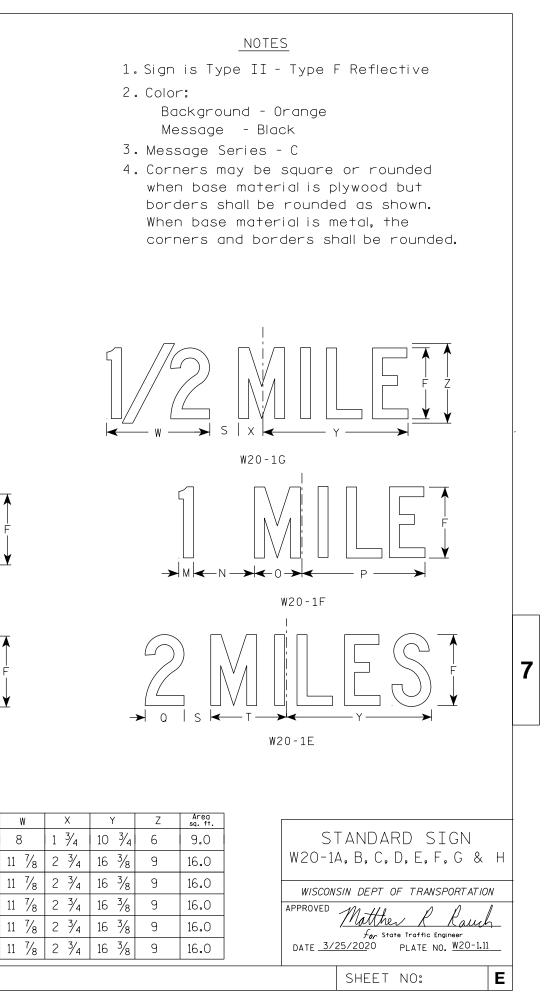
1

8

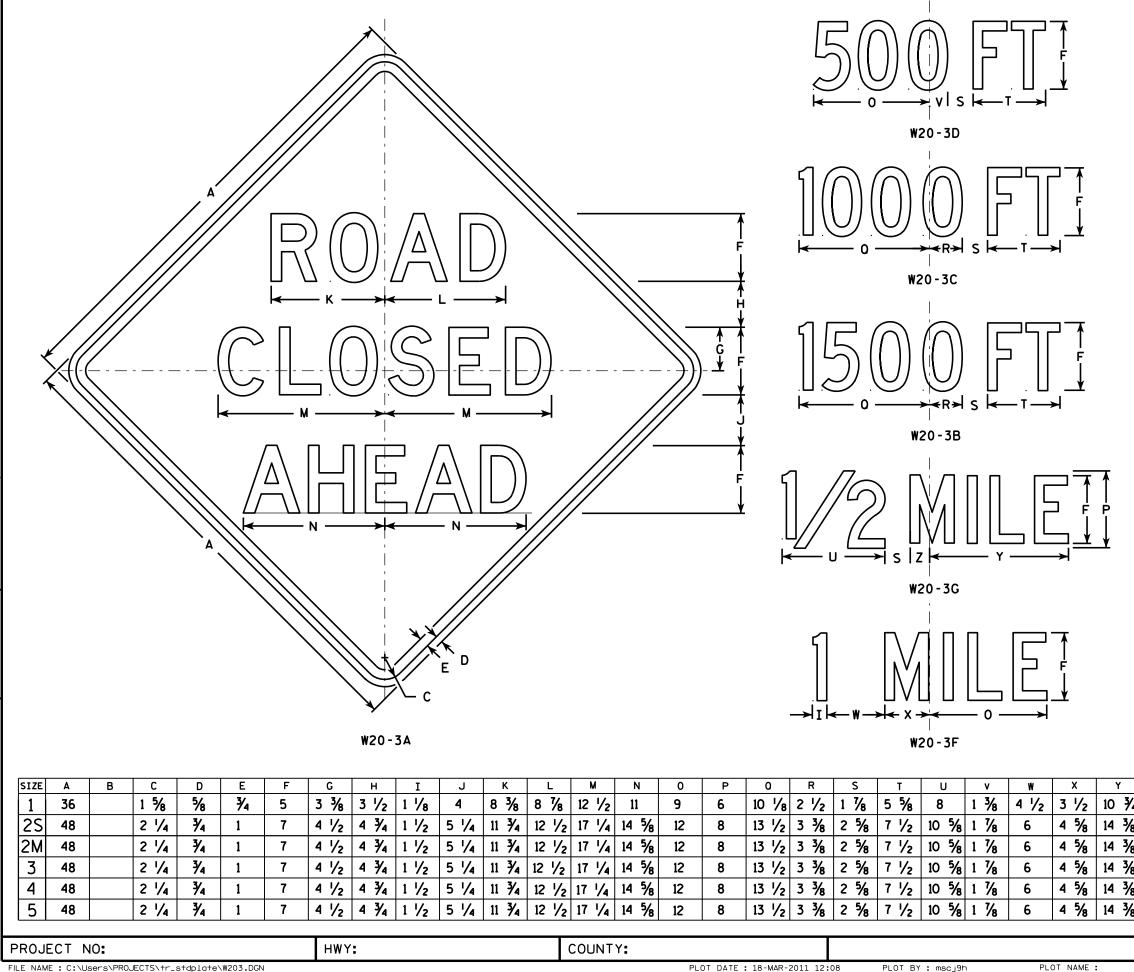
PLOT BY : dotc4c

3

8 5/8 13 3/4 2 1/8



WISDOT/CADDS SHEET 42



FILE NAME : C:\Users\PROJECTS\tr_stdplate\W203.DGN

7

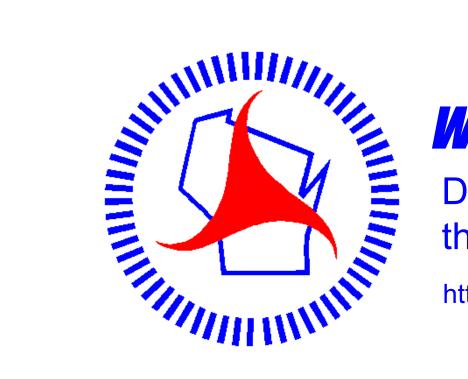
PLOT DATE : 18-MAR-2011 12:08

NOTES

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color: Background - Orange Message - Black
- 3. Message Series see note 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 and 2 are Series D. Line 3 is Series D for AHEAD and Series C for all other distances.

	Z	Area sq. ft.]		
4	1 3⁄4	9.0		- c	TANDARD SIGN
3	2 3/8	16.0			
,	2 3/8	16.0		W20-	-3A, B, C, D, F & G
,	2 3/8	16.0			ISIN DEPT OF TRANSPORTATION
3	2 3/8	16.0		APPROVED	Matther R Rauch
3	2 3/8	16.0]	DATE <u>3/1</u>	For State Traffic Engineer 8/11 PLATE NO. W20-3.7
					SHEET NO: E
		PLOT S	SCALE : 9.93173	WISDOT/CADDS SHEET 42	

Notes



Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

http://www.dot.wisconsin.gov

