LAX	DECEMBER ORDER OF SH	2021 HEETS
PROJECT ID: WITH: N/A	Section No. Section No. Section No. Section No. Section No.	1 2 3 3 4
	Section No. Section No.	5 6
5	Section No.	7
	Section No.	
SC	Section No.	
-	Section No.	

)6-70

	0	
ction No.	1	Title
ction No.	2	Typical Sections and Details
ction No.	3	Estimate of Quantities
ction No.	3	Miscellaneous Quantities
etion No.	4	Right of Way Plat
ction No.	5	Plan and Profile
ction No.	6	Standard Detail Drawings
ction No.	7	Sign Plates
ction No.	8	Structure Plans
ction No.	9	Computer Earthwork Data

TOTAL SHEETS = 56

DESIGN DESIGNATION 5160-06-00 AADT 2022 = 7000A.A.D.T. 2042 = 8,200 = 11.6% D.H.V. D.D. = 60-40 = 13.9% Τ. DESIGN SPEED = 60 MPH ESALS = 2,700,000

CONVENTIONAL SYMBOLS

< ERNON

COUNTY:

PLAN	
CORPORATE LIMITS	/////
PROPERTY LINE	
LOT LINE LIMITED HIGHWAY EASEMENT EXISTING RIGHT OF WAY PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT REFERENCE LINE	300'EE
EXISTING CULVERT PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	-cauti
MARSH AREA	

PROFILE GRADE LINE //// ORIGINAL GROUND - ---MARSH OR ROCK PROFILE - -- -- -(To be noted as such) SPECIAL DITCH _ _ GRADE ELEVATION CULVERT (Profile View) UTILITIES ELECTRIC <u>---</u> FIBER OPTIC GAS SANITARY SEWER STORM SEWER TELEPHONE WATER UTILITY PEDESTAL POWER POLE TELEPHONE POLE

LABEL

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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

GENOA - LA CROSSE

V STODDARD N LIMIT TO N COUNTY LINE

STH 35 VERNON COUNTY

STATE PROJECT NUMBER 5160-06-70



FILE NAME : N:\PDS\C3D\51600600\SHEETSPLAN\010101-TI.DWG

WOODED OR SHRUB AREA

PETERSON, SHANE J PLOT NAME PLOT BY :

	FEDERAL PROJECT					
STATE PROJECT	PROJECT	CONTRACT				
5160-06-70	WISC 2022066	1				

STATE OF WISCONSIN						
DEPARTMENT OF TRANSPORTATION						
PREPARED BY						
Surveyor	SW REGION					
Designer	SHANE PETERSON, P.E.					
Project Manager	PAUL VALENTI, P.E.					
Regional Examiner	SW REGION					
Regional Supervisor	REINY YAHNKE, P.E.					

PPROVED FOR THE DEPARTMENT

DATE: 7/28/21

Paul M Vallett (Signature)

Ε

									STANDARD A	BBREV	IATIONS
			GENERAL NOTES					AC AGG	ACRE AGGREGATE	LC. LS	LONG CHORD LUMP SUM
• THE LO UTILIT ACTIV	OCATIONS OF EXISTING AN Y INSTALLATIONS WITHIN TH ITIES WITH A CALL TO DIGG	D PROPOSED UTIL HE PROJECT AREA ERS HOTLINE AND	LITY INSTALLATIONS AS SHOWN ON A THAT ARE NOT SHOWN. THE CONT D/OR A DIRECT CALL TO THE UTILITIE	THE PLANS RACTOR S S THAT HA	S ARE APPE SHALL COOF AVE FACILIT	Roximate. Ther Rdinate their Co Tes in the Area.	E MAY BE OTHER DNSTRUCTION NOT ALL	< AE, AEW ASPH.	ANGLE APRON ENDWALL ASPHALTIC	MGAL N.C. N	1000 GALLONS NORMAL CROWN NORTH
• CONTE	IES ARE MEMBERS OF DIG RACTOR SHALL MAINTAIN A	GERS HOTLINE. CCESS TO ALL DF	RIVEWAYS AT ALL TIMES EXCEPT WH	HEN OPER	ATIONS RE	QUIRE THE DRIVE	WAY TO BE	A.D.T. A.A.D.T.	AVERAGE DAILY TRAFFIC ANNUAL AVERAGE DAILY TRAFFIC	NB NOR	NORTHBOUND NORMAL
CLOSE	ED TEMPORARILY. ACCES	S SHALL BE PROV	VIDED DURING ALL NON-WORKING HO	OURS.				ВМ CTR.	CENTER	NO. PAV'T	PAVEMENT
 HMA F 	PAVEMENT WEIGHT CALCU	LATIONS ARE BAS	SED ON 112 LB/SY/IN.					C/L	CENTER LINE	P.L.E.	PERMANENT LIMITED EASEMENT
 2-INCH 	HMA PAVEMENT TYPE 4 N	/IT 58-28S, SHALL I	BE CONSTRUCTED WITH A 2-INCH SI	NGLE LIFT.				Δ	CENTRAL ANGLE OR DELTA	P.C.	POINT OF CURVATURE
CONTE OPER	RACTOR WILL BE RESPONS ATION OUTSIDE OF THE NO	SIBLE FOR RESHAU	PING AND SEEDING ANY PREVIOUSL TION LIMITS.	Y GRASSE	ED AREAS V	WHICH ARE DISTU	IRBED BY HIS	C.E. CONST.	COMMERCIAL ENTRANCE CONSTRUCTION	Р.І. Р.Т.	POINT OF INTERSECTION POINT OF TANGENCY
DISTU	RBED AREAS WITHIN THE F	RIGHT OF WAY AR	E TO BE FERTILIZED, SEEDED, WATE	ERED, AND	O COVERED	WITH EROSION N	IAT AS DIRECTED	CMCP CMP	CORRUGATED METAL CULVERT PIPE CORRUGATED METAL PIPE	PCC P.E.	PORTLAND CEMENT CONCRETE PRIVATE ENTRANCE
								CO.		PGL	
CONTR ENSUE	RACTOR TO PROTECT AND	S ARE NOT DISTU	RED BUMPED OR MOVED DURING			IAL GEODETIC SU	EY JACOB			P.L.	
ROCK	WEILER IMMEDIATELY IF A	NY MARKER IS AF	FECTED DURING CONSTRUCTION OP	PERATIONS	6.			CABC		F R/I	
								CY	CUBIC YARD	R.C.C.P	
								CP	CONTROL POINT OR CULVERT PIPE	REQ'D	REQUIRED
								C&G	CURB AND GUTTER	RT	RIGHT
			UTILITY CONTACTS					D	DEGREE OF CURVE	R/W	RIGHT OF WAY
TOM MURR.	AY		CAROL OLSON					D.H.V.	DESIGN HOURLY VOLUME	RD.	ROAD
CENTURYLI	NK - COMMUNICATION LINE		COON VALLEY FA	RMERS TE	ELEPHONE	CO - COMMUNICA	TION LINE	DIA.		SHLD.	SHOULDER(S)
333 NORTH			105-107 CENTRAL	AVE				D.D.		S	SOUTH
(608) 615-41	5, WI 54601			/1 54623-039	98					SB	
TOM L MUR	RAY@LUMEN.COM		(608) 452-3101	104020-000	00			EA		Э.Г. 900	SQUARE FOOT (FEET)
			CVT@MWT.NET					FB	EASTBOUND	STH	STATE TRUNK HIGHWAY
			-					ELEC.	ELECTRIC(AL), ELEC. CABLE	STA.	STATION
CRAIG EGG	ERT		JASON MCROBER	RTS	. /			EL., ELEV.	ELEVATION	S.E.	SUPERELEVATION
	WISCONSIN LLC - COMMUN	NICATION LINE	XCEL ENERGY - E 3215 COMMERCE	ST	Y			ESALS	EQUIVALENT SINGLE AXLE LOADS	S/L	SURVEY LINE
CHATFIELD	, MN 55923		LA CROSSE, WI 5	4603				EXC.	EXCAVATION	SYM	SYMMETRICAL
(563) 419-51	60		(608) 789-3689					EXIST	EXISTING	T.	PERCENT TRUCKS
CEGGERT@	MEDIACOMCC.COM		JASON.L.MCROBE	ERTS@XCE	ELENERGY.	COM		FERT.	FERTILIZER	TEL.	TELEPHONE
	DESIGN CONTACTS			N				GALV			
PAUL VALENTI, P.	E. SHANE PETER	RSON, P.E.	KAREN KALVELAGE			-		CWT	HUNDRED WEIGHT	TYP	TYPICAL
PROJECT MANAGI	ER PROJECT DES	IGNER	ENVIRONMENTAL ANALYSIS & RE\	/IEW SPEC	CIALIST			INL	INLET	U.G.	UNDERGROUND (CABLE)
WISDOT SW REGI	ON WISDOT SW R			ESOURCES	5			INTER.	INTERSECTION	VAR	VARIABLE
_A CROSSE. WI 54	4601 LA CROSSE. V	VI 54601	3550 MORMON COULEE ROAD				PKN MIIIIINP	JT.	JOINT	V.C.	VERTICAL CURVE
(608) 785-9053	(608) 397-1158		LA CROSSE, WI 54601			I DIUU	LIIVEEIIVILINL	LT	LEFT	Wt.	WEIGHT
			(608) 785-9115							W	WEST
	LER, P.E.					Dial 🔂	U or (800)242-8511	· L.F.	LINEAR FOOT(FEET)	WB	WESTBOUND
WISDOT SW REGI	ON										
JACOB.ROCKWEIL	ER@DOT.WI.GOV					www	w.DiggersHotline.com				
(608) 243-5992											
				P		URE LISE TAE					
				r			QUALITY M	ANAGEMENT	PROGRAM TO BE USED FOR:		
LOCATIO	N STATION		JSE UNDERLYING SURFACE		EM		MIXTURE ACCEPT	TANCE	DENSITY ACCEPTANC	E	CENERAL NOTES
12 FOOT DRIVING	LANE 958+87 - 1034+03 1034+18 - 1067+98	3 UPPER LAYE	ER MILLED SURFACE	4 LT 58-2	285 6,184	2"	PWL INCENTIVE AIR VOIDS HMA F	PAVEMENT 460.2		ENT 460.200	5 PROJECT OVERVIEW
6 TO 8 FOOT SHO	1068+11 - 1162+49 ULDER 1163+13 - 1175+7	9 7 UPPER LAYE	ER MILLED SURFACE	4 LT 58-2	285 4,440	2"	PWL INCENTIVE AIR VOIDS HMA F	PAVEMENT 460.2	ACCEPTANCE TESTING BY THE DEP. NOT ELIGIBLE FOR INCENTIV	ARTMENT ′E	CONSTRUCTION DETAILS
BYPASS LAN	JE 1150+99 TO 1158+9	96 UPPER LAY	ER MILLED SURFACE	4 LT 58-2	28S 117	2"	PWL INCENTIVE AIR VOIDS HMA F	PAVEMENT 460.2		ENT 460.200	5 PLAN DE IAILS
	5160-06 70	<u> </u>	<u> </u>	<u> </u>					1		
ENDIECT NU:	2100-00-10		11001. 310 33			. VERINUN	GENERAL	INULES			SHEET

 PROJECT NO:
 5160-06-70

 FILE NAME :
 N:\PDS\C3D\51600600\SHEETSPLAN\020101-GN.DWG LAYOUT NAME - 020101-gn

PLOT DATE : 9/22/2021 1:37 PM

PLOT BY : PETERSON, SHANE J PLOT NAME :

DR:	ORDER OF SECTION 2 SHEETS
EPTANCE	GENERAL NOTES
1A PAVEMENT 460.2005	PROJECT OVERVIEW
Y THE DEPARTMENT	CONSTRUCTION DETAILS
R INCENTIVE	PLAN DETAILS
	SHEET E



WISDOT/CADDS SHEET 42



FILE NAME : N:\PDS\C3D\51600600\SHEETSPLAN\020301-TS.DWG LAYOUT NAME - 020301-ts PLOT DATE : 9/22/2021 4:01 PM

PLOT BY : PETERSON, SHANE J

PLOT NAME



2" REMOVING ASPHALTIC SURFACE MILLING

2" BASE AGGREGRATE DENSE 3/4-INCH 2" REMOVING ASPHALTIC SURFACE MILLING

PLOT SCALE : 1 IN:10 FT

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N:\PDS\C3D\51600600\SHEETSPLAN\021001-CD.DWG FILE NAME : LAYOUT NAME - 021001-cd

PLOT DATE : PLOT BY : PETERSON, SHANE J 9/22/2021 2:11 PM



LAYOUT NAME - 021201-pd

PLOT BY : PLOT DATE : PETERSON, SHANE J PLOT NAME : 7/14/2021 3:59 PM



N:\PDS\C3D\51600600\SHEETSPLAN\021201-PD.DWG LAYOUT NAME - 021202-pd FILE NAME :

PLOT DATE : 7/14/2021 3:59 PM PLOT BY : PETERSON, SHANE J

WISDOT/CADDS SHEET 42



FILE NAME : N:\PDS\C3D\51600600\SHEETSPLAN\021201-PD.DWG LAYOUT NAME - 021203-pd PLOT DATE : 7/14/2021 3:59 PM PLOT BY : PETERSON, SHANE J PLOT NAME :



LAYOUT NAME - 021204-pd





FILE NAME : N:\PDS\C3D\51600600\SHEETSPLAN\021201-PD.DWG LAYOUT NAME - 021206-pd PLOT DATE : 7/14/2021 4:00 PM PLOT BY : PETERSON, SHANE J PLOT NAME :



LAYOUT NAME - 021207-pd

PLOT DATE : PLOT BY : PETERSON, SHANE J 7/14/2021 4:01 PM

Estimate Of Quantities

					5160-06-70	
Line	Item	Item Description	Unit	Total	Qty	
0002	201.0105	Clearing	STA	1.000	1.000	
0004	201.0205	Grubbing	STA	1.000	1.000	
0006	204.0115	Removing Asphaltic Surface Butt Joints	SY	72.000	72.000	
8000	204.0120	Removing Asphaltic Surface Milling	SY	95,829.000	95,829.000	
0010	204.9060.S	Removing (item description) 01. Curbs Treated Timber	EACH	266.000	266.000	
0012	211.0100	Prepare Foundation for Asphaltic Paving (project) 01. 5160-06-70	LS	1.000	1.000	
0014	213.0100	Finishing Roadway (project) 01. 5160-06-70	EACH	1.000	1.000	
0016	305.0110	Base Aggregate Dense 3/4-Inch	TON	228.000	228.000	
0018	455.0605	Tack Coat	GAL	6,713.000	6,713.000	
0020	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	1.000	1.000	
0022	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	1.000	1.000	
0024	460.2005	Incentive Density PWL HMA Pavement	DOL	6,570.000	6,570.000	
0026	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	8,640.000	8,640.000	
0028	460.2010	Incentive Air Voids HMA Pavement	DOL	10,740.000	10,740.000	
0030	460.6224	HMA Pavement 4 MT 58-28 S	TON	10,741.000	10,741.000	
0032	465.0425	Asphaltic Shoulder Rumble Strips 2-Lane Rural	LF	34,429.000	34,429.000	
0034	465.0475	Asphalt Centerline Rumble Strips 2-Lane Rural	LF	17,461.000	17,461.000	
0036	520.8700	Cleaning Culvert Pipes	EACH	1.000	1.000	
0038	522.0124	Culvert Pipe Reinforced Concrete Class III 24-Inch	LF	8.000	8.000	
0040	522.0136	Culvert Pipe Reinforced Concrete Class III 36-Inch	LF	24.000	24.000	
0042	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	2.000	2.000	
0044	522.1036	Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	EACH	3.000	3.000	
0046	606.0300	Riprap Heavy	CY	45.000	45.000	
0048	615.0200	Curbs Treated Timber	EACH	274.000	274.000	
0050	618.0100	Maintenance And Repair of Haul Roads (project) 01. 5160-06-70	EACH	1.000	1.000	
0052	619.1000	Mobilization	EACH	1.000	1.000	
0054	624.0100	Water	MGAL	10.000	10.000	
0056	628.1905	Mobilizations Erosion Control	EACH	1.000	1.000	
0058	628.1910	Mobilizations Emergency Erosion Control	EACH	1.000	1.000	
0060	628.2006	Erosion Mat Urban Class I Type A	SY	60.000	60.000	
0062	628.7555	Culvert Pipe Checks	EACH	15.000	15.000	
0064	629.0210	Fertilizer Type B	CWT	0.040	0.040	
0066	630.0120	Seeding Mixture No. 20	LB	1.600	1.600	
0068	630.0500	Seed Water	MGAL	0.325	0.325	
0070	633.5200	Markers Culvert End	EACH	2.000	2.000	
0072	642.5001	Field Office Type B	EACH	1.000	1.000	
0074	643.0300	Traffic Control Drums	DAY	170.000	170.000	
0076	643.0900	Traffic Control Signs	DAY	310.000	310.000	
0078	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000	
0800	643.5000	Traffic Control	EACH	1.000	1.000	
0082	645.0120	Geotextile Type HR	SY	95.000	95.000	
0084	646.1020	Marking Line Epoxy 4-Inch	LF	16,387.000	16,387.000	
0086	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	42,850.000	42,850.000	
8800	648.0100	Locating No-Passing Zones	MI	4.090	4.090	
0090	649.0105	Temporary Marking Line Paint 4-Inch	LF	13,083.000	13,083.000	
0092	649.0120	Temporary Marking Line Epoxy 4-Inch	LF	13,083.000	13,083.000	
0094	650.8000	Construction Staking Resurfacing Reference	LF	21,690.000	21,690.000	
0096	650.9910	Construction Staking Supplemental Control (project) 01. 5160-06-70	LS	1.000	1.000	
0098	740.0440	Incentive IRI Ride	DOL	16,360.000	16,360.000	



					<u>REMÓVING</u> /	ASPHALTIC SUR
					204.0115	204.0120
					REMOVING	REMOVING
					ASPHALTIC	ASPHALTIC
					SURFACE	SURFACE
					BUTT JOINTS	MILLING
CATEGORY	STATION	ТО	STATION	LOCATION	SY	SY
0010	958+87	-	1034+03	ML	18	33,124
0010	1034+18	-	1067+98	ML	18	14,914
0010	1068+11	-	1162+49	ML	18	42,184
0010	1163+13	-	1175+77	ML	18	5,607
				TOTAL 0010	72	95,829

			201.0105 CLEARING	201.0205 GRUBBING	
CATEGORY	STATION TO STATION	LOCATION	STA	STA	REMARKS
0010	1116+00 - 1117+00	LT	1	1	AS NEEDED FOR CULVERT WORK
		TOTAL 0010	1	1	

TRAFFIC CONTROL

643.1050

SIGNS PCMS

DAY

14

14

643.0900

TRAFFIC CONTROL TRAFFIC CONTROL TRAFFIC CONTROL

SIGNS

DAY

200

100

10

310

CLEARING AND GRUBBING

HIVIA PAVEIVIENT SUIVIVIARY

			211.0100.01 PREPARE	455.0605	460.0105.S	460.0110.S	460.6224
			FOUNDATION FOR		HMA PERCENT	HMA PERCENT	
			ASPHALTIC PAVING		WITHIN LIMITS	WITHIN LIMITS	
			(PROJECT)		(PWL) TEST STRIP	(PWL) TEST STRIP	HMA PAVEMEN
			(01.5160-06-70)	TACK COAT	VOLUMETRICS	DENSITY	4 MT 58-28 S
CATEGORY	STATION TO STATION	LOCATION	LS	GAL	EACH	EACH	TON
0010		ML	1		1	1	
0010	958+87 - 1034+03	ML		2,320			3,712
0010	958+87 - 1034+03	LT					
0010	960+18 - 1034+03	RT					
0010	1034+18 - 1067+98	ML		1,045			1,672
0010	1034+18 - 1067+98	LT					
0010	1034+18 - 1067+98	RT					
0010	1068+11 - 1162+49	ML		2,954			4,727
0010	1068+11 - 1162+49	LT					
0010	1068+91 - 1162+49	RT					
0010	1163+13 - 1170+75	ML		394			630
0010	1163+13 - 1170+75	LT					
0010	1163+13 - 1170+75	RT					
		TOTAL 0010	1	6,713	1	1	10,741

				BASE AGO	<u>GREGATE [</u>	DENSE 3/4-	-INCH		
CATEGORY	STATION	ΙΤΟ	STAT	ION LOC	CATION	305.0 BASE AGG DENSE 3, TO)110 GREGATE /4-INCH N	624.010 WATER MGAL	D REMARKS
0010	958+87	-	1175	+77 L1	Γ/RT	22	8	10	SHOULDER WEDGE
				тот	AL0010	22	8	10	_
				<u>CON</u>	ISTRUCTIO	IN STAKING	<u>5</u> 650.8000	CC	550.9910.01 DNSTRUCTION
						CO Re F	NSTRUCTI STAKING SURFACIN REFERENCI	ON SU NG CON E (01	STAKING JPPLEMENTAL ITROL (PROJECT) L. 5160-06-70)
CATEGO	RY ST	ATIO	N TO	STATION	LOCATI	ON	LF		LS
0010	9!	58+87	-	1175+77	ML		21,690		1
					TOTAL 0	010	21,690		1

643.0300

DRUMS

DAY

70

100

170

DAYS

7

20

20

10

					<u>CULVERT PII</u>	PE SUMMARY			
				520.8700	522.0124 CULVERT PIPE REINFORCED	522.0136 CULVERT PIPE REINFORCED	522.1024 APRON ENDWALLS FOR CULVERT PIPE	522.1036 APRON ENDWALLS FOR CULVERT PIPE	633.5200
				CLEANING	CONCRETE CLASS III	CONCRETE CLASS III	REINFORCED	REINFORCED	MARKERS
REMARKS	CATECODY	CTATION	LOCATION	CULVERT PIPES	24-INCH	36-INCH	CONCRETE 24-INCH	CONCRETE 36-INCH	CULVERTEND
	0010	1100.12	DT	LACH	LI	LI	1	LACIT	1
ROAD WORK AHEAD SIGNS	0010	11100+13	LT			24	Ţ	1	Ţ
SHOULDER WORK	0010	1132+68	RT					2	
	0010	1146+95	LT		8		1		1
	0010	1154+39	LT / RT	1					
			TOTAL 0010	1	8	24	2	3	2

		520.8700	522.0124	522.0136	522.1024	522.1036	633.5200
			CULVERT PIPE	CULVERT PIPE	APRON ENDWALLS	APRON ENDWALLS	
			REINFORCED	REINFORCED	FOR CULVERT PIPE	FOR CULVERT PIPE	
		CLEANING	CONCRETE CLASS III	CONCRETE CLASS III	REINFORCED	REINFORCED	MARKERS
		CULVERT PIPES	24-INCH	36-INCH	CONCRETE 24-INCH	CONCRETE 36-INCH	CULVERT END
TATION	LOCATION	EACH	LF	LF	EACH	EACH	EACH
100+13	RT				1		1
116+46	LT			24		1	
132+68	RT					2	
146+95	LT		8		1		1
154+39	LT / RT	1					
	TOTAL 0010	1	8	24	2	3	2
MISC		OLIANTITIES				SHEET	-
						JILLI	

PROJECT NO: 5160-06-70	HWY: STH 35	COUNTY: VERNON			MISCELLANEOUS	S QUANTITIES	
FILE NAME : N:\PDS\C3D\51600600\SHEETSPLAN\030201-MQ.DWG			PLOT DATE :	9/22/2021 3:57 PM	PLOT BY :	PETERSON, SHANE J	PLOT NAME :

643.5000

TRAFFIC CONTROL

EACH

1

1

LAYOUT NAME - 01

LOCATION

PROJECT LIMITS

PROJECT LIMITS

INTERSECTIONS

SHOULDERS

TOTAL 0010

CATEGORY

0010

0010

0010

0010

3

URFACE

REMARKS

BEGINNING OF PROJECT TO 1ST BOX CULVERT (2 BUTT JOINTS) 1ST BOX CULVERT TO 2ND BOX CULVERT (2 BUTT JOINTS) 2ND BOX CULVERT TO BRIDGE (2 BUTT JOINTS) BRIDGE TO END OF PROJECT (2 BUTT JOINTS)

465.0425 465.0475 ASPHALTIC ASPHALT CENTERLINE SHOULDER ENT RUMBLE STRIPS 2- RUMBLE STRIPS 2-LANE RURAL LANE RURAL LF LF REMARKS BEGINNING OF PROJECT TO BOX CULVERT 6,691 6,632 6,380 2,530 BOX CULVERT TO BOX CULVERT 2,899 2,199 7,523 BOX CULVERT TO BRIDGE - BYPASS LANE 8,160 6,725 717 BRIDGE TO END OF PROJECT 717 717 34,429 17,461

WISDOT/CADDS SHEET 42

						PAVEMENT MA	RKING SUMMARY									<u>CURBS</u>	TREATED TIMBER		
CATEGORY	CTATION			M EF	646.1020 IARKING LINE POXY 4-INCH	646.1040 MARKING LINE GROOVED WET REF EPOXY 4-INCH	648.0100 LOCATING NO- PASSING ZONES	649.0105 TEMPORARY MARKING LINE PAINT 4-INCH	649.0120 TEMPORARY MARKING LINE EPOXY 4-INCH		DEMADING		CATECODY	STATION TO			204.9060.S.01 REMOVING (ITEM DESCRIPTION) (01. CURBS TREATED TIMBER)	615.0200 CURBS TREATED TIMBER	DEMADUS
CATEGORY	STATION	IU STATION	LUCATION	COLOR	LF	LF	IVII	LF	LF		KEIVIAKKS		CATEGORY	STATION IC	J STATION	LOCATION	EACH	EACH	REIVIARNS
0010	958+87	- 1175+77	LT	WHITE		21,690	4.09			Р	PROJECT LENGT	Ή	0010	979+44 -	982+65	LT	50	50	PULLOUT #1
0010	1154+25	- 1156+75	LT	WHITE		63				MOHAWK	K VALLEY RD BY	PASS LANE	0010	1027+17 -	1031+85	LT	78	78	PULLOUT #2
0010	958+87	- 1046+00	RT	WHITE		8,713				BEGINNING OF P	ROJECT TO SCI	HOOL SECTION RD	0010	1062+06 -	1066+14	LT	68	68	PULLOUT #3
0010	1047+07	- 1072+66	RT	WHITE		2,559				SCHOOL SECTI	ION RD TO PEE	BLE VALLEY RD	0010	10//+48 -	1080+66		40	48	PULLOUT #4
0010	10/3+/1	- 1080+94	RI	WHILE		723							0100	111/+/1 -	1120+09	LI	30	30	PULLOUT #5
0010	1156+15	- 1154+80	RI	WHITE		1,208											266	274	
0010	1173+28	- 1175+77	RT	WHITE		249				MALLARD	D LN TO END OI	PROJECT				101/120010	200	27.	
0010	958+87	- 965+71	CL	YELLOW		210		738	738	TEMP	ORARY SOLID	- DASH							
0010	958+87	- 965+71	CL	YELLOW	855						SOLID - DASH								
0010	965+71	- 978+66	CL	YELLOW				104	104	TE	EMPORARY DA	SH							
0010	965+71	- 978+66	CL	YELLOW	324						DASH								
0010	978+66	- 986+57	CL	YELLOW				855	855	TEMP	ORARY DASH -	SOLID							
0010	9/8+66	- 986+57	CL	YELLOW	989			40	10		DASH - SOLID	C11							
0010	986+57	- 991+57	CL	YELLOW	175			40	40	IE		SH							
0010	900+37	- 991+37 - 999+28	CL	YELLOW	125			832	837	TEMP		- ΠΔ\$Η							
0010	991+57	- 999+28	CL	YELLOW	964			032	032		SOLID - DASH								
0010	999+28	- 1096+03	CL	YELLOW				774	774	TE	EMPORARY DA	SH							
0010	999+28	- 1096+03	CL	YELLOW	2,425						DASH								
0010	1096+03	- 1108+95	CL	YELLOW				1,395	1,395	TEMP	ORARY DASH -	SOLID							
0010	1096+03	- 1108+95	CL	YELLOW	1,615						DASH - SOLID								
0010	1108+95	- 1115+91	CL	YELLOW				1,392	1,392	TEMP	ORARY SOLID	SOLID							
0010	1108+95	- 1115+91	CL	YELLOW	1,392				4 4 7 9		SOLID - SOLID	D 4 6 1							
0010	1115+91	- 1126+/5	CL	YELLOW	1 355			1,170	1,170	TEMP		- DASH							
0010	1126+91	- 1120+/5	CL		1,300			77	77	т		сц							
0010	1126+75	- 1136+40	CL	YFILOW	238			//	//		DASH	511							
0010	1136+40	- 1148+04	CL	YELLOW				1,257	1,257	TEMP	ORARY DASH -	SOLID							
0010	1136+40	- 1148+04	CL	YELLOW	1,455			ŗ	,		DASH - SOLID								
0010	1148+04	- 1161+61	CL	YELLOW				2,714	2,714	TEMP	ORARY SOLID	SOLID							
0010	1148+04	- 1161+61	CL	YELLOW	2,714						SOLID - SOLID								
0010	1161+61	- 1173+43	CL	YELLOW				1,277	1,277	TEMP	ORARY SOLID	- DASH							
0010	1161+61	- 1173+43	CL	YELLOW	1,478			45.0	45.0	TEMP	SOLID - DASH	SOUD							
0010	1173±48	- 1175+77	CL	YELLOW VELLOW	158			458	458	TEIVIP		SULID							
0010	11/3+40	- 11/3+//	CL		400						3000-3000								
			TOTAL 0010		16,387	42,850	4.09	13,083	13,083										
NOTE: TEMPO	ORARY PAINT	O BE USED ON	N MILLED SURFA	CE. TEMPO	RARY EPOXY 1	O BE USED PRIOR TO	RUMBLE STRIP INST	ALLATION. MARK	NG LINE EPOXY TO	BE USED AFTER RU	JMBLE STRIP IN	ISTALLATION.							
						EROSION & R	ESTORATION												
			606 0300	628	3 1905	628 1910	628 2006	628 7555	629 0210	630.0120	630 0500	645.0120							
			000.0000	020	5.1505	MOBILIZATIONS	FROSION MAT	020.7555	029.0210	050.0120	030.0300	045.0120							
				MOBIL	IZATIONS	EMERGENCY	URBAN CLASS I	CULVERT	FERTILIZER TYPE	SEEDING		GEOTEXTILE							
			RIPRAP HEAVY	EROSION	N CONTROL	EROSION CONTROL	TYPE A	PIPE CHECKS	В	MIXTURE NO. 20	SEED WATE	R TYPE HR							
CATEGORY	STATION	LOCATION	CY	E	ACH	EACH	SY	EACH	CWT	LB	MGAL	SY							
0010	-	- DT			1	1	1 4	2	0.010	0.40	0.075								
0010	1116±46	KI IT	30				14	3	0.010	0.40	0.075	60							
0010	1132+68	RT	15				23	12	0.015	0.60	0 1 2 5	35							
0010	1146+95	LT	10				23	12	0.015	0.60	0.125	55							
		FOTAL 0010	45		1	1	60	15	0.040	1.60	0.325	95							
								1											
PROJECT NO:	5160-0	6-70			HWY: STI	H 35		COUNTY:	VERNON		Ν		QUANTITIES					SHEET	
FILE NAME : N:\PD	S\C3D\51600600\	SHEETSPLAN\0302	201-MQ.DWG						PLC	DT DATE : 9/22/202	21 3:57 PM	PLOT BY : P	PETERSON, SHANE J	PLOT NAME :			PLOT SCALE : 1" = 1'		WISDOT/CADDS

N:\PDS\C3D\516006 LAYOUT NAME - 02 SHEETSPLAN\030201-MQ.DWG

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Standard Detail Drawing List

08E11-02	TURBIDITY BARRIER
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-07	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
13A10-02A	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13А10-02в	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-02C	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-02D	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A11-03A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-03B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13C19-03	HMA LONGITUDINAL JOINTS
14B29-01	SAFETY EDGE
14C01-03	TIMBER RAIL GUARD FENCE, CURB AND GUARD POST AND MARKER POST
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15АОЗ-О2В	FLEXIBLE MARKER POST FOR CULVERT END
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY U
15C08-20A	LONGITUDINAL MARKING (MAINLINE)
15С11-09В	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-07	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-06A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C35-04A	PAVEMENT MARKING (INTERSECTIONS)
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02в	ATTACHMENT OF SIGNS TO POSTS
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
15D44-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

JNDIVIDED ROAD OPEN TO TRAFFIC



- WATER ELEVATIONS.





SDD 08E -02



END VIEW



SIDE VIEW

CULVERT PIPE CHECK (INSTALL ON INLET END ONLY)

SDD 08E15 2

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SDD 08E15-01

CULVERT PIPE CHECK

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2019 DATE

/S/ Daniel Schave EROSION CONTROL ENGINEER

FHWA



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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.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

 \bigoplus for PIPE SIZES UP to 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED II/30/94 DATE FHWA

CHIEF ROADWAY DEVELOPMENT ENGINEER

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SDD 13A10 02a

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2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

02a . 13A10 SDD



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2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

02b . SDD13A10









SHOULDER GROOVES AT PASSING AND CLIMBING LANES



SHOULDER GROOVES AT RAILROADS



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2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED 7/2018 DATE

/S/ Rodney Taylor ROADWAY STANDARDS DEVELOPMENT ENGINEER

SDD13A10 - 02d



SDD 13A11 03a

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DEPARTMENT OF TRANSPORTATION

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SDD 13A11 -**03b**





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FLEXIBLE MARKER POST

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FOR CULVERT END

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION





SDD **15C04** 05





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TEMPORARY PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC





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GENERAL NOTES

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

1 LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

' BLACK CONTRAST		
_		
- ½" MAX. GROOVE ' BLACK CONTRAST	JOINT LINE	

LONGITUDINAL MARKING (MAINLINE)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED February 2020 DATE

/S/ Matthew Rauch STATEWIDE SIGNING AND MARKING ENGINEER

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GENERAL NOTES

- (2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.





TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

★ IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

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CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2021 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER



SDD 15C12 -





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PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION





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DEPARTMENT OF TRANSPORTATION

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SDD 15D38 н. **02b**

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A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3 B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC 3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

WOOD POST (4" x 6") LAG SCREWS - 3/8" x 3" MACHINE BOLTS - $\frac{5}{16}$ " x 6 $\frac{1}{2}$ " OR 7" LENGTH W/NUTS

SQUARE STEEL POST (2" x 2") MACHINE BOLTS - 3/8" x 3 1/4" LENGTH W/NUTS RIVETS - ⁹/₃₂" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE 0.720 - 0.765 INCH, GRIP RANGE 0.042 - 0.375 INCH

WASHERS (ALL POSTS) -1 ¼" O.D. x ¾" I.D. x ¼6" STEEL 1 ¼" O.D. x ¾" I.D. x 0.080 NYLON

★ TWO DIFFERENT FASTENING SYSTEMS ARE SHOWN FOR ILLUSTRATION PURPOSES. ON ANY INDIVIDUAL SIGN, EITHER ONE OR THE OTHER SYSTEM SHALL BE USED. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER THAN 9 SQ. FT. REQUIRE THE USE OF 3 FASTENERS.

NUTS, BOLTS AND LAGS USED FOR MOUNTING SIGNS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

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ATTACHMENT OF SIGNS TO POSTS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED June 2017 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER



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GENERAL NOTES

LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

ENGINEER.

OR REMOVED AS DIRECTED BY THE ENGINEER.

INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

- (1) PLACE SIGNS 350' IN ADVANCE OF MILLED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

F







PROJECT NO:	HWY:	COUNTY:			
			BLAT BATE AT MAN AND A C	A DLOT DY O	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>A4-3.22</u>
	SHEET NO: E
PLOT SCALE : \$\$	WISDOT/CADDS SHEET 42



7



PROJECT NO:	HWY:	COUNTY:		
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN		PLOT DATE : 27-JAN-2014 09	:48 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	

PLOT SCALE : 108.188297:1.000000

WISDOT/CADDS SHEET 42



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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
<i>+or</i> State Traffic Engineer
DATE <u>4/1/202</u> 0 plate no. <u>44-8.9</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	Хe	5 W	00E) P0	ST					
	MODIFICATIONS										
	WISCONSIN DEPT OF TRANSPORTATION										
	APPROVED J Spang										
			for s	tate Tra	ffic Enginee	er.					
	DATE 3	/27/9	7	PLAT	'E NO. <u>A</u>	4-11.2	_				
	SHEET NO: E										
OT SCALE	T SCALE : 6.207338:1.000000 WISDOT/CADDS SHEET 4										



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PLOT NAME :

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.

three bracket bands installed. Signs less than 3 feet in height shall have two bracket

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

T	<u>SEE DETAIL B</u>									
	STANDARD SIGN									
	SIGN BANDING DETAILS									
	WISCONSIN DEPT OF TRANSPORTATION									
	APPROVED Matther R Rauch									
	DATE 6/10/19 PLATE NO. 45-9.4									
	SHEET NO: E									
PLOT	SCALE : \$\$plotscale\$\$ WISDOT/CADDS SHEET 42									



GENERAL NOTES

- WISDOT STANDARD SPECIFICATIONS
- AND 0.025" THICKNESS
- 9 S.F. 3 FASTENERS SHALL BE USED.
- with ASTM Designation: A 153, Class D
 - b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
- 6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
- 7. STEEL WASHERS SHALL BE 11/4" O.D. X 3/8" I.D. X 1/16"
- OR TYPE F FACE SIGN

 \rightarrow LAG BOLTS SHALL BE $\frac{3}{8}$ " X 2¹/₂"

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A510.dgn

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1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE

2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, $\frac{3}{4}$ " WIDTH

3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS 4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER: a. Hot dip or mechanically galvanized in accordance 8. NYLON WASHERS SHALL BE $1^{1}/_{4}$ " O.D. X $\frac{3}{8}$ " I.D. X .080 FOR TYPE H

_	
	BLOCK BANDING DETAIL (V-BLOCK OPTION)
	WISCONSIN DEPT OF TRANSPORTATION
-	APPROVED Matther R Rauch
	<i>for</i> State Traffic Engineer
	DATE <u>6/10/19</u> PLATE NO. <u>45-10.2</u>
	SHEET NO: E
	I

WISDOT/CADDS SHEET 42



COUNTY:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\G201.DGN

HWY:

PROJECT NO:

7

PLOT DATE : 14-MAR-2017 13:28

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

NOTES

1. Sign is Type II - Type F Reflective

Background - Orange 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. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance

	ST	ANDAF	RD SIGN	
		G2	0-1	
_	WISCONS	IN DEPT O	F TRANSPORTATION	/
_	APPROVED	Matthe For Sto	te Traffic Engineer	_
	DATE <u>- 37 1</u>	4711	PLATE NO. 020-1	<u>.</u>
		SHEET	NO:	Ε

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.

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.

7	Area	Area		S	FANDA F	RD SI	GN				
-	4 . 5	0.41			G2(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		- Manher K Kau							
	8.0	0.72		DATE <u>9/3</u>	0/09	PLATE NO.	<u> </u>	<u>.8</u>			
					SHEET	NO:		Ε			
	F	PLOT SCA	LE : 5.5617	73:1.000000) WISE	OT/CADDS	SHEET	. 42			

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				W20-1A]	C W	→ R 20-1B	S I ≪ — T				_
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