

FILE NAME : R:\5300\5364\5364087\39970060\SHEETS\010101\_TI DWG PLOT DATE : 10/3/2023 8:52 AM PLOT BY :

ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED

ASHLEY S. NELSON PLOT NAME :

COUNTY: DODG

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### ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES PROJECT OVERVIEW TYPICAL SECTIONS PLAN DETAILS

### CITY OF WATERTOWN OF CONTACT

JAYNELLEN HOLLOWAY CITY ENGINNER 811 S 1ST STREET WATER TOWN, WI 53094 PHONE: 920-342-1054 EMAIL: jaynellenh@cityofwatertown.org

### WISDOT PROJECT MANAGER

DELLA KOENIG, PE 2101 WRIGHT STREET MADISION, WI 53704 PHONE: 608-246-7963 EMAIL: della.koenig@dot.wi.gov

### WE ENERGIES ELECTRIC

JOHN FEIDER OPERATIONS SUPERVISOR 500 S. 116TH STREET WEST ALLIS, WI 53214 PHONE: 414-994-5738 EMAIL: WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM

### DESIGN PROJECT MANAGER

GENERAL NOTES

ASHLEY NELSON, PE ROBERT E. LEE & ASSOCIATES, INC. 1250 CENTENNIAL CENTRE BOULEVARD HOBART, WI 54155 PHONE: 920-265-8847 EMAIL: anelson@releeinc.com

### WISCONSIN DNR LIAISON

SHELLEY NELSON DODGE COUNTY PHONE: 608-444-2385 EMAIL: shelley.nelson@wisconsin.gov

### RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP										
A							С		D		
SLOPE RANGE (PERCENT)		SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			
0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
.08	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
.22	.30	.38	.26	.34	.44	.30	.37	.50	.34	.41	.56
.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25	.30
.24	.26	.30	.25	.28	.33	.26	.30	.37	.27	.32	.40
		.25			.27			.28			.30
		.32			.34			.36			.38
					.70 -	95					
				.8095							
					.70 -	80					
					.75 -	85					
					.75	95					
GRAVEL ROADS, SHOULDERS: .4060											
	SLOPE 0-2 .08 .22 .19 .24	A SLOPE RANGE 0-2 2-6 .08 .16 .22 .30 .19 .20 .24 .26	SLOPE       RANGE         0-2       2-6       6 & OVER         .08       .16       .22         .20       .30       .38         .19       .20       .24         .24       .26       .30         .24       .26       .30         .24       .26       .30         .25       .32       .32	A         SLOPE         ANGE         PERCENT)         SLOPE           0-2         2-6         6 & OVER         0-2           .08         .16         .22         .12           .22         .30         .38         .26           .19         .20         .24         .19           .24         .26         .300         .25           .30         .32         .32         .33	A         SLOPE RANGE         PERCENT)         SLOPE RANGE           0-2         2-6         6 & OVER         0-2         2-6           .08         .16         .22         .12         .20           .22         .30         .38         .26         .34           .19         .20         .24         .19         .22           .24         .26         .30         .25         .28           .24         .26         .30         .25         .28           .24         .26         .30         .25         .28           .24         .26         .30         .25         .28           .26         .32         .25         .28         .26           .25         .28         .25         .28         .26           .26         .32         .25         .28         .28           .27         .32         .29         .29         .29           .29         .29         .32         .29         .29           .29         .29         .29         .29         .29           .29         .29         .29         .29         .29           .29         .29	HYDROLOGIC           A         B           SLOPE RANGE (PERCENT)         SLOPE RANGE (PERCENT)           0-2         2-6         6 & OVER         0-2         2-6         6 & OVER           0.8         .16         .22         .12         .20         .27           .22         .30         .38         .26         .34         .44           .19         .20         .24         .19         .22         .26           .24         .26         .30         .25         .28         .33           .24         .26         .30         .25         .28         .33           .26         .30         .25         .28         .33           .26         .30         .25         .28         .34           .27         .32         .4         .27         .34           .26         .30         .25         .28         .34           .27         .32         .4         .27         .30           .27         .32         .26         .30         .27           .28         .32         .29         .26         .20           .29         .25         .24         .20	HYDROLOGIC SOLE GR         A       B       B       B       B       SLOPE       SLOPE	HYDROLOGIC SOLICATORY         HYDROLOGIC SOLICATORY         B       B       C         SLOPE RECENT)       SLOPE RECENT)       SLOPE RECENT)         0-2       2-6       6 & OVER       0-2       2-6       6 & OVER       0-2       2-6         0.2       2-6       6 & OVER       0-2       2-6       6 & OVER       0-2       2-6         0.2       2-6       6 & OVER       0-2       2-6       6 & OVER       0-2       2-6         0.8       1.6       0.22       1.12       2.0       0.27       1.15       2.4         .20       3.0       0.38       2.26       0.34       0.44       3.00       2.37         .19       2.0       0.24       1.9       2.2       2.66       3.00       2.6       3.00         .24       3.0       0.25       1.8       0.33       2.6       3.00         .25       1.32       1.9       1.20       1.34       1.4       1.4         .25       1.32       1.4       1.4       1.4       1.4       1.4         .26       3.32       1.4       1.4       1	HYDROLOGIC SOLIC GRUPE         HYDROLOGIC SOLIC GRUPE         S         S       S         S       S       S         SLOPE FRCENT)       SLOPE FRCENT)         0-2       2-6       6 & OVER       0-2       2-6       6 & OVER         0-2       2-6       6 & OVER       0-2       2-6       6 & OVER       0-2         0.2       2-6       6 & OVER       0-2       2-6       6 & OVER       0-2       2-6       6 & OVER         0.2       2-6       6 & OVER       0-2       2-6       6 & OVER       0-2       2-6       6 & OVER         0.2       2-6       6 & OVER       0-2       2-6       6 & OVER       0-3       3-3       3-3       3-0	HYDROLOGIC SOLUCE         A       B       C       SLOPE         SLOPE RANGE (PERCENT)       SLOPE RANGE (PERCENT)       SLOPE RANGE (PERCENT)       SLOPE RANGE (PERCENT)       SLOPE         0-2       2-6       6 & OVER       0-2       2-6       6 & OVER       0-2         0.2       2-6       6 & OVER       0-2       2-6       6 & OVER       0-2         0.8       .16       .22       .12       .20       .27       .15       .24       .33       .19         .22       .30       .38       .26       .34       .44       .30       .37       .50       .34         .19       .20       .24       .19       .22       .26       .20       .23       .30       .20         .24       .26       .30       .25       .28       .33       .26       .30       .37       .27         .24       .26       .30       .25       .28       .32       .26       .30       .36       .27         .25       .25       .28       .27       .30       .36       .28       .36       .28         .25       .32       .34       .44       .30       .36 <td< td=""><td>HYDROLOGIC SOLIC GROUP         A M C I DI CINICACIONI CINCICI CINCIC</td></td<>	HYDROLOGIC SOLIC GROUP         A M C I DI CINICACIONI CINCICI CINCIC



### EMERGENCY CONTACT NUMBERS FOR POWER COMPANY

ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-888-123-4567

# GAS 24 HOUR EMERGENCY SERVICE: 1-888-123-4567 EMERGENCY CONTACT NUMBERS FOR POWER COMPANY ELECTRIC 24 HOUR EMERGENCY SERVICE: 1-888-123-4567 GAS 24 HOUR EMERGENCY SERVICE: 1-888-123-4567

-								
	PROJECT NO: 3997-00-60	HWY: WELSH ROAD	COUNTY: DODG	θE		GENERAL NOTES		
	FILE NAME : R:\5300\5364\5364087\39970060\SHEETS\020101-GN.DWG LAYOUT NAME - 01			PLOT DATE :	10/23/2023 11:33 AM	PLOT BY :	ASHLEY S. NELSON	PLOT NAME :

2

GENERAL NOTES			
NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS INDICATED FOR REMOVAL BY THE ENGINEER.		2	
THERE ARE NO KNOWN EXISTING UTILITIES IN THE VICINITY OF THE PROJECT. THERE MAY BE OTHER UTILI THE AREA THAT ARE NOT SHOWN.	TIES IN	2	
THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE PRIOR TO THE START OF WORK. ANY PRIVATE OR LOC MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATE	CAL Ely		
TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS ARE DIRECTED BY THE ENGINE	ER.		
г			
SHEET	E		

PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 42

				BENCHMARKS	Para and an and a second	anne ann an Anna an Anna An Martine an Anna Anna Anna Anna Anna Anna Anna A	the second se	41		
2		NUMBER	STATION	NORTHING	EASTING	ELEVATION				
_	1	BM-1	99+22	633692.8190	867512.7820	877.779				
	N 19	BM-2	101+51	633930.1920	867487.9950	876.627				
	M									
						*				
				4						wente dans
			A relea					1= 1	18/15	
							STITUS		17.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	
	and a	10	~				F.g.	105+00	A Gran	
			5	A			BM-1 00400 BM-2		2 END PROJECT STA 111+27.99	A state of the sta
										100 (00)
						ALX IN 300	55 00 ST		115-00	12
		11 10 11 10 10 10 10 10 10 10 10 10 10 1		8 <u>1+57.48</u> 83+19.47			1			
	NALINIE -	T.K	M In	BP: 8 PC: 8		90+00		•	Al la	120+00
		Filmer Dr			85+00		- 1 - Ma	1 Contraction	21 and All all	e a classifier
	Sale of		WELSH ROAD							
			STA 83+19 Y=632,3 X=868,3	0.47 352.585 319.839						
				1						
							The stand			
				لسب			The second second second			
	- FAL					Stall Stall				
						and the second				
			IT		M/S			1 Statutter	A MARSHA	
	PR	OJECT NO:	3997-00-60	m. MK I was don't a	HWY: WEI	SH ROAD	COUNTY: DODGE		PROJECT OVERVIEW	

FILE NAME : R:\5300\5364\5364087\39970060\SHEETS\020201\_PO.DWG LAYOUT NAME - Plan 1 IN 400 FT

PLOT DATE : 7/19/2023 8:42 AM

VOJECI OVERVIEV

PLOT BY : JOCELYN MEISSNER PLOT NAME :





PLOT DATE : 7/21/2023 1:30 PM F

PLOT BY : JOCELYN MEISSNER PLOT NAME :

			2
	/		
XISTING GRAVEL SHOULDER CONCRETE PAVEMENT 3"-8"			
EGATE			
EAM GUARD			
SRAVEL SHOULDER			
E PAVEMENT 3"-8"			
	SHEET	E	



FILE NAME :	R:\5300\5364\5364087\39970060\SHEETS\021201-PD.DWG
	LAYOUT NAME - 021201

PLOT NAME :

WISDOT/CADDS SHEET 42









FILE NAME : R:\5300\5364\5364087\39970060\SHEETS\021201-PD.DWG LAYOUT NAME - 021205 PLOT DATE : 7/31/2023 12:55 PM PLOT BY : ASHLEY S. NELSON

PLOT NAME :



PLOT NAME :

			E	stimate Of G	uantities	
					3997-00-60	
Line	Item	Item Description	Unit	Total	Qty	
0002	213.0100	Finishing Roadway (project) 01. 3997-00-60	EACH	1.000	1.000	
0004	305.0110	Base Aggregate Dense 3/4-Inch	TON	51.000	51.000	
0006	614.0010	Barrier System Grading Shaping Finishing	EACH	4.000	4.000	
8000	614.2300	MGS Guardrail 3	LF	672.000	672.000	
0010	614.2610	MGS Guardrail Terminal EAT	EACH	4.000	4.000	
0012	619.1000	Mobilization	EACH	1.000	1.000	
0014	628.1504	Silt Fence	LF	1,361.000	1,361.000	
0016	628.1520	Silt Fence Maintenance	LF	1,361.000	1,361.000	
0018	628.1905	Mobilizations Erosion Control	EACH	1.000	1.000	
0020	628.1910	Mobilizations Emergency Erosion Control	EACH	1.000	1.000	
0022	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	22.000	22.000	
0024	637.2230	Signs Type II Reflective F	SF	132.000	132.000	
0026	643.0300	Traffic Control Drums	DAY	190.000	190.000	
0028	643.0900	Traffic Control Signs	DAY	275.000	275.000	
0030	643.5000	Traffic Control	EACH	1.000	1.000	
0032	650.9911	Construction Staking Supplemental Control (project) 01. 3997-00-60	EACH	1.000	1.000	



### FINISHING ROADWAY

### BASE AGGREGATE

				213.0100.01						
				FINISHING						
				ROADWAY						BA
				(PROJECT) (01.						DF
				3997-00-60)	CATEGORY	STATION	то	STATION	LOCATION	
CATEGORY	STATION TO	O STATION	LOCATION	EACH						
					0010	97+00	-	103+50	WELSH ROAD LT/RT	
0010	83+19 -	111+28	WELSH ROAD	1					TOTAL 0010	
			TOTAL 0010	1						

### \*\* FOR INFORMATION ONLY BID ITEM IS INCIDENTAL

		AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)			
STATION	DISTANCE	0.117		CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE	
		CUI	FILL			1.00	1.25		
				NOTE 1	NOTE 3	NOTE 1		NOTE 8	
97+00.00	25.00	0.00	2.72	0	3	0	4	-11	
97+50.00	50.00	0.00	7.16	0	9	0	15	-23	
98+00.00	50.00	0.00	10.71	0	17	0	36	-44	
101+50.00	350.00	0.00	2.88	0	88	0	146	-154	
102+00.00	50.00	0.00	1.45	0	4	0	151	-159	
102+50.00	50.00	0.00	19.81	0	20	0	176	-184	
103+00.00	50.00	0.00	15.88	0	33	0	218	-225	
103+50.00	50.00	0.00	10.42	0	24	0	248	-255	

### <u>GUARDRAIL</u>

				614.0010 BARRIER SYSTEM	614.2300	614.2610
				GRADING SHAPING	MGS GUARDRAIL	MGS GUARDRAIL
				FINISHING	3	TERMINAL EAT
CATEGORY	STATION TO	STATION	LOCATION	EACH	LF	EACH
0010	96+89 -	103+00	WELSH RD LT	2	272	2
0010	96+89 -	103+97	WELSH RD RT	2	400	2
			TOTAL 0010	4	672	4

### RESTORATION ITEMS (FOR INFORMATIONAL PURPOSES ONLY)

						FERTILIZER TYP	PE	SEEDING					619,1000
					TOPSOIL	В	SEED MIX NO. 10	TEMPORARY					MOBILIZATION
TEGORY	STATION	to s	STATION	LOCATION	SY	CWT	LB	LB	CATEGORY	STATION	TO STATION	LOCATION	EACH
0010	96+89	- 1	103+00	WELSH RD LT	395	0.2	4	4	0010	83+10	_ 111+78		1
0010	96+89	- 1	103+97	WELSH RD RT	400	0.2	4	4	0010	03113	- 111120		1
				TOTAL 0010	795	0.4	8	8				101AL 0010	Ţ
	NOTES	-						-					
	NOTES:	II TI	EMPORARY S FEMS WILL BE	EED TO BE PLACED IN CON EPAID FOR UNDER BID ITE	EM BARRIER SYSTEM GR	ADING SHAPING	FINISHING	F.					

	PROJECT NO: 3997-00-60	HWY: WELSH ROAD	COUNTY: DODGE	MISCELLANEOUS QUANTITIES
l	FILE NAME : N:\PDS\\030200_mq.pptx		PLOT DATE : October 3, 2023	PLOT BY : A.R.H.

305.0110
BASE AGGREGATE
DENSE 3/4-INCH
TON

REMARKS	

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51	UNDISTRIBUTED AT GUARDRAIL
51	-

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### MOBILIZATION

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PLOT NAME :

<u>TYPE II SIGNS</u>

									634.0616	637.2230	
									POSTS WOOD		
									4X6-INCH X 16-	SIGNS TYPE II	
									FT	<b>REFLECTIVE F</b>	
CATEGORY	SIGN NO.	LOCATION	STAT	ION	SIGN CODE	MESSAGE		SIZE	EACH	SF	REMARKS
0010	110-1	WELSH RD	83+19	25'RT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	110-2	WELSH RD	83+19	25'RT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 110-1
0010	110-3	WELSH RD	84+93	25'RT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	110-4	WELSH RD	84+93	25'RT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 110-3
0010	110-5	WELSH RD	85+60	24'RT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	110-6	WELSH RD	85+60	24'RT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 110-5
0010	110-7	WELSH RD	86+81	24'RT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	110-8	WELSH RD	86+81	24'RT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 110-7
0010	110-9	WELSH RD	87+99	24'RT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	111-1	WELSH RD	87+99	24'RT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 110-9
0010	111-2	WELSH RD	89+19	23'RT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	111-3	WELSH RD	89+19	23'RT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 111-2
0010	111-4	WELSH RD	90+40	24'RT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	111-5	WELSH RD	90+40	24'RT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 111-4
0010	111-6	WELSH RD	91+59	24'RT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	111-7	WELSH RD	91+59	24'RT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 111-6
0010	111-8	WELSH RD	92+79	24'RT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	111-9	WELSH RD	92+79	24'RT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 111-8
0010	112-1	WELSH RD	96+88	27'LT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	112-2	WELSH RD	96+88	27'LT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 112-1
0010	112-3	WELSH RD	98+08	24'LT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	112-4	WELSH RD	98+08	24'LT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 112-3
0010	112-5	WELSH RD	99+27	24'LT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	112-6	WELSH RD	99+27	24'LT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 112-5
0010	112-7	WELSH RD	100+47	23'LT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	112-8	WELSH RD	100+47	23'LT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 112-7
0010	112-9	WELSH RD	101+69	24'LT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	113-1	WELSH RD	101+69	24'LT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 112-9
0010	113-2	WELSH RD	102+88	24'LT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	113-3	WELSH RD	102+88	24'LT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 113-2
0010	113-4	WELSH RD	104+08	24'LT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	113-5	WELSH RD	104+08	24'LT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 113-4
0010	113-6	WELSH RD	105+27	24'LT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	113-7	WELSH RD	105+27	24'LT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 113-6
0010	113-8	WELSH RD	106+47	24'LT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	113-9	WELSH RD	106+47	24'LT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 113-8
0010	114-1	WELSH RD	107+69	24'LT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	114-2	WELSH RD	107+69	24'LT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 114-1
0010	114-3	WELSH RD	108+88	24'LT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3	
0010	114-4	WELSH RD	108+88	24'LT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3	ON SAME POST AS 114-3

PROJECT NO: 3997-00-60	HWY: WELSH ROAD	COUNTY: DODGE	MISCELLANEOUS QUANTITIES		
FILE NAME : N:\PDS\\030200_mq.pptx		PLOT DATE: October 3, 2023	PLOT BY : A.R.H.	PLOT NAME :	

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SHEET:

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### TYPE II SIGNS (CONTINUED)

									634.0616	637.2230
									POSTS WOOD	
									4X6-INCH X 16-	SIGNS TYPE II
									FT	<b>REFLECTIVE F</b>
CATEGORY	SIGN NO.	LOCATION	STATI	ON	SIGN CODE	MESSAGE		SIZE	EACH	SF
0010	114-5	WELSH RD	110+08	24'LT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3
0010	114-6	WELSH RD	110+08	24'LT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3
0010	114-7	WELSH RD	111+27	24'LT	W1-8	CHEVRON ALIGNMENT LEFT	18.00	24.00	1	3
0010	114-8	WELSH RD	111+27	24'LT	W1-8	CHEVRON ALIGNMENT RIGHT	18.00	24.00	-	3
								TOTAL 0010	22	132

### TRAFFIC CONTROL

						643.03 TRAFFIC CONTF	300 Rol drums	e Traffic	543.0900 CONTROL SIGNS	643.5000 TRAFFIC CONTROL					
	CATEGORY	STATION TO	STATION	LOCATION	STAGE DAYS	DRUMS	DAY	SIGNS	DAY	EACH		REMARKS			
	0010 0010 0010 0010	80+54 - 97+93 - 97+91 - 80+54 -	116+28 101+60 102+90 116+28	LEFT SHOULDER LEFT LANE RIGHT LANE WELSH ROAD	5 5 5 15	38 - - -	190 - - -	5 10 10 10	25 50 50 150	- - 1	PLACEMEI ADVAN	NT OF CHEVRON SIGN CE WARNING SIGNS	IS		
				TOTAL 0010			190		275	1	-				
		CONSTRUCTI	<u>ON STAKING</u>							EROSIO	N CONTROL				
				650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT)							628.1504 SILT FENCE	628.1520 SILT FENCE MAINTENANCE	628.1905 MOBILIZATIONS EROSION CONTROL	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROI	
				(01. 3997-00-60)		CATEGORY	STATION	to stat	ION LOC	ATION	LF	LF	EACH	EACH	
CATEGORY 0010	STATION 83+19	<u>- 111+28</u>	LOCATION WELSH ROAD TOTAL 0010	EACH 1 1		0010	83+19	- 111+	-28 WELSI TOTA	H ROAD	1,361 1,361	1,361 1,361	<u>    1    1</u>	<u> </u>	
PROJECT NO: 399	97-00-60		HWY: WELSH	I ROAD	COUNTY:	DODGE		MIS	CELLANEOUS	QUANTITIES				SHEET:	E

FILE NAME : N:\PDS\...\030200\_mq.pptx

PLOT DATE: October 3, 2023 PLOT BY : A.R.H. PLOT NAME :

3

### REMARKS

3

ON SAME POST AS 114-5

ON SAME POST AS 114-7

PLOT SCALE : 1:1

# Standard Detail Drawing List

08E09-06	ILT FENCE
14B42-07A	IDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14в42-07в	IDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	IDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	IDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14b44-04a	IDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14в44-04в	IDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	IDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
15C05-05	RAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C12-09A	RAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15D28-04	RAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY



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S.D.D. 8 E 9

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### **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)





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**SDD 14B42** 0 ð

DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

(9) 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS

POST BOLTS ARE A %" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES %" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND %" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS

GUARD RAIL SPLICE BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES 5%" DIAMETER A563A DOUBLE



SECTION THRU W-BEAM RAIL

## 07b . N 4 à 4 ~ SDD

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### **MIDWEST GUARDRAIL SYSTEM** (MGS) GUARDRAIL

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



**SDD 14B42** . 0 **n** 



**SDD 14B42** 07d

### **GENERAL NOTES**

- (A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.
- (B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED
- © DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.
- D ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.
- E HARDWARE MAY VARY BETWEEN MANUFACTURER SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

SEE SDD 14B42 FOR MORE INFORMATION.

★ DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL

SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

THE CENTER OF THE UPPER 3  $\frac{1}{2}$ " DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.





10 31 -(15) SHOULDER HINGE POINT SLOPE 10:1-OR FLATTER

POST BOLT

(TYP.)

MGS BEAM

GUARD (MGS)







SECTION C - C **TYPICAL AT POST NOS. 3 - 9** 

SECTION B - B TYPICAL AT POST NO. 2\*



SDD 14B44 - 04b

6

### BILL OF MATERIALS

N SEE	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. MANUGACTURER'S DETAILS FOR MORE INFORMATION.
UPPER	R POST NO. 1 6" X 6" TUBE
LOWE	R POST NO. 1
WOOD	DCRT
WOOD	DBLOCKOUT
PIPE S	SLEEVE
BEARI	NG PLATE
BCT C	ABLE ASSEMBLY
ANCH	OR CABLE BOX
GROU	IND STRUT
PERFO	ORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
STANE SECTI	DARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. ONS VARY IN LENGTH.
IMPAC	T HEAD
EAT M (SEE A	IARKER POST - YELLOW APPROVED PRODUCTS LIST)
SOIL F	PLATE
UPPER	R POST NO. 2
LOWE	R POST NO. 2

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# SDD14B44 - 04b

### MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



SDD 14B44 - 04c



**TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS** 



350'







PROJECT NO:	HWY:	COUNTY:			
			DU OT DUTE V AT NUM ODOO AVA	DI OT DY I 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



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>

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FILE NAME : C:\CAEfiles\Projects\tr\_stdplate\A44.DGN

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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 - <sup>3</sup>/<sub>8</sub>" 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	Х	ô	WOO	DF	POST	
		MOD	IF	FICA	TI	SNC	
	WISC	onsin l	DEF	PT OF T	RANSI	PORTATION	'
	APPROVE	D		hester .	Γέ	Spang	
			tor	State Tr	affic Er	ngineer	
	DATE 3	/27/9	<u>17</u>	PLA	TE NO	<u>A4-11.2</u>	2
			9	SHEET	N0:		Ε
OT SCALE	E:6.20 <b>7</b> 33	8:1.0000	000	WISD	от/с	ADDS SHEE	т 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	1	S	r and af	RD SI	GN		
Z	sq. ft.	m2		_					
	4.5	0.41			G20	A 2 - C			
	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	er K I	lauch	—	
		0.70			Sto	te Traffic Engir	heer		
	8.0	0.72		DATE <u>9/3</u>	0/09	PLATE NO.	<u>G20-2A</u>	.8	
				•	SHEET	NO:		Ε	
	PLOT SCALE : 5.561773:1.000000 WISDOT/CADDS SHEET 42								



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

Z Area se. ft. 1.5 3.0	STANDARD SIGN W1-8
3.0	WISCONSIN DEPT OF TRANSPORTATION
5.0	APPROVED Matthe P P
7.5	for State Traffic Engineer
12.0	DATE <u>6/7/10</u> PLATE NO. W1-8.6
	SHEET NO: E

WISDOT/CADDS SHEET 42

						*																	1 2 3 4
			A											F F		$\mathbb{Z}$	5	W20-1H	s k				
				۲  ا										G H G G		5		W20-1D	s 🖌				
														F • •	c Ļ			W20-3	R S				
						W2	0-1A								[			W20-:	R S				-
size 1 2S 2M 3 4	A     B       36     -       48     -       48     -       48     -       48     -       48     -       48     -	C 1 5/8 2 1/4 2 1/4 2 1/4 2 1/4 2 1/4	D 5/8 3/4 3/4 3/4 3/4 3/4	E 3/4 1 1 1 1	F 5 8 8 8 8 8	G         2 $5/8$ 3 $3/4$ 3 $3/4$ 3 $3/4$ 3 $3/4$ 3 $3/4$	H 3 1/4 5 1/8 5 1/8 5 1/8 5 1/8 5 1/8	I 10 <sup>1</sup> / <sub>8</sub> 15 <sup>3</sup> / <sub>8</sub> 15 <sup>3</sup> / <sub>8</sub> 15 <sup>3</sup> / <sub>8</sub>	J 7 11 <sup>1</sup> /8 11 <sup>1</sup> /8 11 <sup>1</sup> /8 11 <sup>1</sup> /8	К 7 5/8 12 1/8 12 1/8 12 1/8 12 1/8	L 8 7/8 14 3/8 14 3/8 14 3/8 14 3/8	$\begin{array}{c c} & M \\ 1 & \frac{1}{8} \\ 1 & \frac{5}{8} \end{array}$	$ \begin{array}{c c}                                    $	$ \begin{array}{c c}     0 \\     3 \frac{1}{2} \\     5 \frac{3}{8} \\   \end{array} $	P 9 13 13 13 13	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	T 5 5/8 8 5/8 8 5/8 8 5/8 8 5/8 8 5/8	$ \begin{array}{c}         U \\         9 \\         13 \frac{3}{4} \\         13 \frac{3}{4} \\         13 \frac{3}{4} \\         13 \frac{3}{4}     \end{array} $	V 1 <sup>3</sup> / <sub>8</sub> 2 <sup>1</sup> / <sub>8</sub> 2 <sup>1</sup> / <sub>8</sub> 2 <sup>1</sup> / <sub>8</sub> 2 <sup>1</sup> / <sub>8</sub>	W           8           11         7/8           11         7/8           11         7/8           11         7/8           11         7/8	Y 10 <sup>3</sup> / <sub>4</sub> 16 <sup>3</sup> / <sub>8</sub> 16 <sup>3</sup> / <sub>8</sub> 16 <sup>3</sup> / <sub>8</sub> 16 <sup>3</sup> / <sub>8</sub>

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:

48

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FILE NAME : C:\CAEfiles\Projects\tr\_stdplate\W201.DGN

2 1/4

3/4

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PLOT BY : dotc4c

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



WISDOT/CADDS SHEET 42

		5000FF $5000FF$ $1000FF$ $1000FF$ $1500FF$ $1500FF$ $1500FF$ $120-4C$ $1500FF$ $120-4C$ $1500FF$ $120-4C$ $120-4C$ $120-4C$ $120-4C$ $120-4C$ $120-4C$
w	20-4A	₩20-4F
SIZE       A       B       C       D       E       F       G       H         1       36       1 $\frac{5}{8}$ $\frac{3}{4}$ 5       2 $\frac{3}{8}$ 6         2S       48       2 $\frac{1}{4}$ $\frac{3}{4}$ 1       7       3 $\frac{1}{8}$ 8         2M       48       2 $\frac{1}{4}$ $\frac{3}{4}$ 1       7       3 $\frac{1}{8}$ 8         3       48       2 $\frac{1}{4}$ $\frac{3}{4}$ 1       7       3 $\frac{1}{8}$ 8         4       48       2 $\frac{1}{4}$ $\frac{3}{4}$ 1       7       3 $\frac{1}{8}$ 8         5       48       2 $\frac{1}{4}$ $\frac{3}{4}$ 1       7       3 $\frac{1}{8}$ 8	I       J       K       L       M       N       O       P       O         3 $\frac{3}{4}$ 10 $\frac{3}{8}$ 2 $\frac{3}{8}$ 8       13 $\frac{1}{2}$ 7       8 $\frac{7}{8}$ 9       1 $\frac{3}{8}$ 5 $\frac{1}{4}$ 14 $\frac{5}{8}$ 3 $\frac{1}{4}$ 10 $\frac{5}{8}$ 17 $\frac{3}{4}$ 9 $\frac{3}{4}$ 12 $\frac{5}{8}$ 12       1 $\frac{7}{8}$ 5 $\frac{1}{4}$ 14 $\frac{5}{8}$ 3 $\frac{1}{4}$ 10 $\frac{5}{8}$ 17 $\frac{3}{4}$ 9 $\frac{3}{4}$ 12 $\frac{5}{8}$ 12       1 $\frac{7}{8}$ 5 $\frac{1}{4}$ $\frac{14}{58}$ $\frac{1}{4}$ $\frac{10}{58}$ $\frac{5}{7}$ $\frac{9}{3}$ $\frac{12}{4}$ $\frac{5}{8}$ $\frac{12}{1}$ $\frac{1}{78}$ 5 $\frac{1}{4}$ $\frac{14}{58}$ $\frac{10}{58}$ $\frac{5}{7}$ $\frac{9}{3}$ $\frac{12}{58}$ $\frac{12}{1}$ $\frac{1}{78}$ 5 $\frac{1}{4}$ $\frac{16}{58}$ $\frac{17}{34}$ $\frac{9}{34}$ $\frac{12}{58}$ $\frac{12}{1}$ $\frac{1}{78}$ 5	R         S         T         U         v         W         X         Y           1 $\frac{7}{8}$ 5 $\frac{5}{8}$ 10 $\frac{1}{8}$ 2 $\frac{1}{2}$ 1 $\frac{1}{8}$ 4 $\frac{1}{2}$ 3 $\frac{1}{2}$ 10 $\frac{3}{4}$ 2 $\frac{5}{8}$ 7 $\frac{1}{2}$ 13 $\frac{1}{2}$ 3 $\frac{3}{8}$ 1 $\frac{1}{2}$ 6         4 $\frac{5}{8}$ 14 $\frac{3}{8}$ 2 $\frac{5}{8}$ 7 $\frac{1}{2}$ 13 $\frac{1}{2}$ 3 $\frac{3}{8}$ 1 $\frac{1}{2}$ 6         4 $\frac{5}{8}$ 14 $\frac{3}{8}$ 2 $\frac{5}{8}$ 7 $\frac{1}{2}$ 13 $\frac{1}{2}$ 3 $\frac{3}{8}$ 1 $\frac{1}{2}$ 6         4 $\frac{5}{8}$ 14 $\frac{3}{8}$ 2 $\frac{5}{8}$ 7 $\frac{1}{2}$ 13 $\frac{1}{2}$ 3 $\frac{3}{8}$ 1 $\frac{1}{2}$ 6         4 $\frac{5}{8}$ 14 $\frac{3}{8}$ 2
PROJECT NO:		

FILE NAME : C:\Users\PROJECTS\tr\_stdplate\W204.DGN

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PLOT DATE : 18-MAR-2011 12:11 PLOT E

PLOT BY : mscj9h

### NOTES

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

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FΗ

- 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	Area sq. ft.
1	¾	9.0
2	⅔	16.0
2	⅔	16.0
2	⅔	16.0
2	3⁄8	16.0
2	⅔	16.0

ST	ANDAF	RD S	IGN	
W20-4	4A,B,	C,D,	,F&	G
WISCONSI	N DEPT OF	TRAN	SPORTA	TION
APPROVED	Matthe	RI	lauch	
	for Stat	e Traffic	Engineer	
DATE <u>3/18</u>	8/11	PLATE I	NO. <u>W20</u>	-4.9
	SHEET	NO:		E

WISDOT/CADDS SHEET 42



# NOTES

- 2. Color:
  - Background Orange Message - Black
- 3. Corners may be square or rounded when base corners and borders shall be rounded.

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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	36		1 5/8	5⁄8	3⁄4		2 3⁄4	13 1/2	14 5/8																
25	48		2 1/4	3⁄4	1		3 3/4	18	19 ½																
2M	48		2 1/4	3⁄4	1		3 3/4	18	19 1/2																
3	48		2 1/4	3⁄4	1		3 3/4	18	19 ½																
4	48		2 1/4	3⁄4	1		3 3/4	18	19 ½																
5	48		2 1/4	3⁄4	1		3 3⁄4	18	19 1⁄2																
PRO	JECT	NO:					н	NY:					COU	NTY:											
FILE N	AME : C:	\Users\F	ROJECTS\+	r_stdpla	1†e∖₩207A	.DGN							-			PLOT DA	TE : 18-N	AR-2011	13:14	PLOT	BY : ms	cj9h		PLOT NA	ME :

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

material is plywood but borders shall be rounded as shown. When base material is metal, the

STANDARD SIGN	Z Area sq. ft. 9.00	Z
W20-7A	16.00	
WISCONSIN DEPT OF TRANSPORTATION	16.00	
APPROVED Matthe R Ray	16.00	
for State Traffic Engineer	16.00	
DATE <u>3/18/11</u> PLATE NO. <u>W20-74.5</u>	16.00	
SHEET NO: E		
OT SCALE : 7.945391:1.000000 WISDOT/CADDS SHEET 4	PLC	



FILE NAME : C:\CAEfiles\Projects\tr\_stdplate\W215.dgn

PLOT DATE : 30-APRIL 2020

PLOT BY : dotc4c

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NOTES
1. Sign is Type II - Type F Reflective
    Background - Orange
    Message – Black
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.
```

Area sq. ft.	STANDARD STGN
9.0	
16.0	W21-5
16.0	WISCONSIN DEPT OF TRANSPORTATION
16.0	APPROVED Matthew R Ray
16.0	For State Traffic Engineer
16.0	DATE <u>4/30/2020</u> PLATE NO. <u>W21-5.6</u>
	SHEET NO:

7

PLOT SCALE : \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

COUNTY:



2. Color:

,	
W21	-65

SIZE	Α	В	С	D	E	F	G	н	I	J	К	L	M	N	0	Р	0	R	S	Т	U	v	w	X	Y
1	36		1 5/8	5⁄8	3⁄4	5	3 1/4	10 7/8	11 5/8	11	11 5/8														
25	48		2 1/4	3⁄4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4														
2M	48		2 1/4	3⁄4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4														
3	48		2 1/4	3⁄4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4														
4	48		2 1/4	3⁄4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4														
5	48		2 1/4	3⁄4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4														
PROJ	ECT N	10:					HWY	·:					COUNT	Y:											

FILE NAME : C:\CAEFiles\Projects\tr\_stdplate\W2165.dgn

PLOT DATE : 28-MAY-2014 13:24

PLOT BY : mscsja

PLOT NAME :

# NOTES

```
1. Sign is Type II - Type F Reflective
    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 C
  Lines 2 and 3 are Series D
```

_	7	Areo	
	2	sq. ft.	STANDARD SIGN
		9.0	
		16.0	W21-65
		16.0	WISCONSIN DEPT OF TRANSPORTATION
		16.0	APPROVED M HLI N N
		16.0	Mather R Rauch
		16.0	for state frattic Engineer
		·	DATE 5/28/14 PLATE NO. W21-65.1
			SHEET NO: E







R:\5300\5364\5364087\39970060\SHEETS\090201\_XS.DWG LAYOUT NAME - 090203-xs

PLOT NAME :

PLOT SCALE: 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

PLOT DATE : 7/19/2023 3:27 PM



PLOT DATE : 7/19/2023 3:27 PM



# Wisconsin Department of Transportation

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