

FILE NAME C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_UNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\010101-TI.DWG

PLOT DATE : 10/6/2021 12:54 PM JOSH WEISS

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		DEPARTMENT OF TRANSPOR	TATION			
		PREPARED BY				
		Surveyor CORRE IN	c			
		Designer CORRE IN	C			
		Project Manager DANIEL KLEINEI	N N			
		Regional Supervisor JOSEPH GREG	AS, PE			
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	ISIN ITY,	APPROVED FOR THE DEPARTMENT				
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GENERAL NOTES PROJECT OVERVIEW TYPICAL SECTIONS CONSTRUCTION DETAILS CURB RAMP DETAILS INLET DETAILS TRAFFIC CONTROL ALIGNMENT DETAILS PLAN DETAILS

ORDER OF SECTION 2 SHEETS

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CONSO		CONTACT

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EAU CLAIRE, WI, 54701

RICK PODOLAK

PHONE:

CENTURY LINK

FMAII:

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GENERAL NOTES

-THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

- NO TREES OR SHRUBS TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER

-CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES.

-PRIOR TO THE PLACEMENT OF MGS GUARDRAIL, THE SHOULDERS SHALL BE IN PLACE, SHAPED, AND COMPACTED UNLESS SHOWN OTHERWISE.

-THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, PASSING, OR PARKING LANE.

-HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

-CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY OPERATIONS OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

-THE QUANTITY OF THE ITEMS FOR EROSION PROTECTION INCLUDES AN UNDISTRIBUTED AMOUNT FOR PROTECTION, CONTROL, AND ABATEMENT OF WATER POLLUTION RESULTING FROM SOIL EROSION. THE DISTRIBUTION AND LOCATION OF THESE MATERIALS ARE TO BE DETERMINED BY THE ENGINEER.

DIRECTED BY THE ENGINEER.

PAVEMENT.

-CONTRACTOR TO PROTECT GPS MONUMENTS AND KEEP CONSTRUCTION EQUIPMENT AT LEAST 10 FEET AWAY FROM GPS MONUMENTS. ENSURE THAT GPS MONUMENTS ARE NOT DISTURBED, BUMPED OR MOVED DURING THE DURATION OF THE PROJECT. NOTIFY JACOB ROCKWEILER IMMEDIATELY IF GPS MONUMENTS ARE DISTURBED, BUMPED OR MOVED DURING CONSTRUCTION OPERATIONS. JACOB ROCKWEILER, P.E., WISCONSIN HEIGHT MODERNIZATION PROGRAM MANAGER WITH THE WISCONSIN DEPARTMENT OF TRANSPORTATION WHOSE PHONE NUMBER IS (608) 516-6362 AND EMAIL IS JACOB.ROCKWEILER@DOT.WI.GOV

STANDARD ABBREVIATIONS

AEWAPRON END WALLHTHEIGHTAGGAGGREGATEHESHIGH EARLY STRENGTHASPHASPHALTICCWTHUNDREDWEIGHTAVGAVERAGEIPIRON PIPE OR PINAADTANNUAL AVERAGE DAILY TRAFFICLTLEFTBKBACKLIN FT or LFLINEAR FOOTBADBASE AGGREGATE DENSELSLUMP SUMBL or B/LBASE LINEMHMANHOLEBMBENCH MARKML or M/LMATCH LINEBRBRIDGEMBMESSAGE BOARDCIRCOLD-IN-PLACE RECYCLINGNNORTHCL or C/LCENTER TO CENTERPCPOINT OF CURVATURECECOMMERCIAL ENTRANCEPIPOINT OF INTERSECTIONCCONCCONCRETEPTPOINT OF INTERSECTIONCONCCOUNTYPTPOINT OF TANGENCYCONCCOUNTY TRUNK HIGHWAYPEPRIVATE ENTRANCECPCSCULVERT PIPE CORRUGATED STEELRRADIUSCABCCRUSHED AGGREGATE BASE COURSERL or R/LREFERENCE LINECY or CUYDCUBIC YARDRTRIGHT-OF-WAYCPRCCULVERT PIPE REINFORCED CONCRETERDROADCSGCURB AND GUTTERSHLDRSHOULDERDHVDESIGN HOUR VOLUMESWSIDEWALKDIADIAMETERSHLDRSOUTHDWYDRIVEWAYSBSOUTHBOUND
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DIA DIAMETER S SOUTH DWY DRIVEWAY SB SOUTHBOUND
DWY DRIVEWAY SB SOUTHBOUND
E EAST SF or SQ FT SQUARE FEET
EB EASTBOUND SY of SQ YD SQUARE YARD
ELEC ELECTRIC SDD STANDARD DETAIL DRAWINGS
EL OF ELEV ELEVATION STH STATE TRUNK HIGHWAYS
ESALS EQUIVALENT SINGLE AXLE LOADS STA STATION
EXC EXCAVATION SE SUPERELEVATION
EBS EXCAVATION BELOW SUBGRADE TEL TELPHONE
EXP EXPANSION UG UNDERGROUND
FF FACE TO FACE OR FRONT FACE VC VERTICAL CORVE
FE FIELD ENTRANCE VPI VERTICAL POINT OF INTERSECTION SAD ΣΕΛΟΜΑΡΟΑΝΟ VPI VERTICAL POINT OF INTERSECTION
FAB FLASHING AKKOW BOAKD W WEST
H OF F/L Flow FLOW LINE WB WESTBOUND
FI FOUL

PROJECT NO:	5880-00-66	HWY: USH 12	COUNTY: JUNEAU	GENERAL NOTES

C:\OD\CORRE. INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36 USH 12 JUNEAU COUNTY\500 CADD\501 C3D 2018\58800036\SHEETSPLAN\020101-GN.DWG FILE NAME : LAYOUT NAME - 01

PLOT DATE : 2/7/2022 10:29 AM PLOT BY : JOSH WEISS PLOT NAME

MEDIACOM WISCONSIN COMMUNICATION LINE

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CAMP DOUGLAS, WI, 54618

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SPRINT COMMUNICATIONS CO LP

COMMUNICATION LINE DAN HILLIAND 849 EARL STREET ST. PAUL, MN, 55106 PHONE: 612-217-3526 EMAIL: dan.hilliand@t-mobile.com

CRAIG EGGERT 1240 HIGHWAY 52 CHATFIELD, MN, 55923 PHONE: 563-419-5160 EMAIL: ceggert@mediacomcc.com



-DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED, FERTILIZED, SEEDED, AND COVERED WITH MULCH AS

-APPLY TACK COAT AT A RATE OF 0.07 GAL/SY TO MILLED PAVEMENT SURFACES AD 0.05 GAL/SY BETWEEN LAYERS OF HMA

SHEET

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TYPICAL EXISTING SECTION STA 149+87 - STA 157+29



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FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\020301-TS.DWG PLOT DATE : 10/6/2021 12:54 PM PLOT BY : JOSH WEISS PLOT NAME : LAYOUT NAME - 05

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FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\020301-TS.DWG PLOT DATE : 10/6/2021 12:54 PM PLOT BY : JOSH WEISS PLOT NAME : LAYOUT NAME - 06



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FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\021001-CD.DWG PLOT DATE : 10/6/2021 12:55 PM PLOT BY : JOSH WEISS PLOT NAME : UAYOUT NAME - 01



FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\021001-CD.DWG PLOT DATE : 10/6/2021 12:55 PM LAYOUT NAME - 02

PLOT BY : JOSH WEISS

PLOT NAME :

REMOVING DISTRESSED

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ENDWALL - VARIABLE 1' 1 12" -**E**<u>WIRTIN</u> L = 2W (TYP.) OR А 12" MIN. THICKNESS GEOTEXTILE FABRIC, Α TYPE "HR" REQ'D. FOR RIPRAP SECTION A-A W RIPRAP TREATMENT AT CULVERTS

PROJECT NO	0: 5880-00-66	HWY: USH 12	COUNTY: JUNEAU			CONSTRUCTION	DETAILS	
FILE NAME : C: LA	:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_ AYOUT NAME - 03	USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSF	PLAN\021001-CD.DWG	PLOT DATE :	10/6/2021 12:55 PM	PLOT BY :	JOSH WEISS	PLOT NAME :

2

	STATION & OFFSET TABLE							
	POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEV		
	1	121+04.51	18.39 LT	202925.73	411551.30	959.27		
	2	121+04.51	23.51 LT	202930.38	411553.44	959.32		
1	3	121+09.89	18.49 LT	202923.62	411556.14	959.19		
	4	121+09.74	23.52 LT	202928.25	411558.10	959.26		
/	5	121+15.99	18.60 LT	202921.23	411561.65	958.70		
1	6	121+15.86	23.68 LT	202925.91	411563.63	958.77		
Y	7	121+21.07	18.74 LT	202919.31	411566.27	958.63		
-	8	121+20.96	23.79 LT	202923.97	411568.23	958.70		
100	9	121+26.15	18.79 LT	202917.33	411570.86	958.97		
C	10	121+26.07	23.88 LT	202922.02	411572.84	959.04		
-	11	121+29.25	18.86 LT	202916.17	411573.68	959.04		
	12	121+29.16	23.93 LT	202920.85	411575.63	959.06		
	13	121+04.57	15.89 LT	202923.44	411550.30	0.00		
	14	121+16.04	16.14 LT	202918.97	411560.69	958.76		
	15	121+21.11	16.24 LT	202917.01	411565.29	959.69		
-	16	121+29.28	16.36 LT	202913.86	411572.70	0.00		
	and the second se	And in case of the local division of the loc	the second second second	Statement of the local division of the local	Statement of the local division of the local	-		

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEV	
17	121+10.47	35.71 RT	202874.08	411534.13	961.00	
18	121+14.31	38.75 RT	202869.66	411536.48	961.03	
19	121+12.33	33.41 RT	202875.38	411536.83	960.84	
20	121+15.93	36.76 RT	202870.80	411538.83	960.85	
21	121+18.12	28.06 RT	202877.80	411544.45	960.20	
22	121+20.97	32.12 RT	202872.90	411545.46	960.27	
23	121+22.27	25.41 RT	202878.48	411549.41	960.14	
24	121+24.57	29.83 RT	202873.50	411549.77	960.21	
25	121+26.73	23.36 RT	202878.52	411554.41	960.44	
26	121+28.44	28.04 RT	202873.53	411554.12	960.50	
27	121+28.31	22.80 RT	202878.39	411556.10	960.42	
28	121+29.80	27.56 RT	202873.42	411555.60	960.47	
29	121+08.54	34.19 RT	202876.29	411532.96	0.00	
30	121+16.69	26.04 RT	202880.25	411543.95	960.26	
31	121+21.11	23.21 RT	202880.98	411549.22	960.19	
32	121+27.55	20.42 RT	202880.88	411556.35	0.00	
No.	1	10.00	3.38	-		

PROJECT NO:

5880-00-66



FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\021301-CR.DWG PLOT DATE : 2/7/2022 10:34 AM LAYOUT NAME - 01

HWY: USH 12

4 AM PLOT BY :

JOSH WEISS

PLOT NAME :

WISDOT/CADDS SHEET 42



C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\022501-SS.DWG PLOT BY : JOSH WEISS FILE NAME : PLOT DATE : 10/6/2021 12:56 PM LAYOUT NAME - 01



WISDOT/CADDS SHEET 42



FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\025101-TC.DWG PLOT DATE : 10/6/2021 12:56 PM PLOT BY : JOSH WEISS LAYOUT NAME - 01

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PLOT NAME :



LAYOUT NAME - 01



FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_UNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\050101-PD.DWG PLOT DATE : 10/6/2021 12:56 PM PLOT BY : JOSH WEISS PLOT NAME : LAYOUT NAME - 01



FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\050101-PD.DWG PLOT DATE : PLOT BY : JOSH WEISS 10/6/2021 12:56 PM LAYOUT NAME - 02





PLOT SCALE :

1 IN:100 FT

WISDOT/CADDS SHEET 44

PROJECT NO:	: 5880-00-66	HWY: USH 12	COUNTY: JUNEAU			PLAN DETAILS		
FILE NAME : C:\OI	DD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_ DUT NAME - 04	USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSP	LAN\050101-PD.DWG	PLOT DATE :	10/6/2021 12:57 PM	PLOT BY :	JOSH WEISS	PLOT NAME :



FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\050101-PD.DWG PLOT DATE : 2/7/2022 10:39 AM PLOT BY : JOSH WEISS PLOT NAME LAYOUT NAME - 05



FILE NAME :	C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_	USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLA	AN\050101-PD.DWG PLOT DATE :	10/6/2021 12:57 PM	PLOT BY :	JOSH WEISS	PLOT NAME :
	LAYOUT NAME - 06						



C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\050101-PD.DWG LAYOUT NAME - 07 FILE NAME : PLOT DATE : 10/6/2021 12:57 PM PLOT BY : JOSH WEISS



WISDOT/CADDS SHEET 44

C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\050101-PD.DWG PLOT DATE : 10/6/2021 12:57 PM PLOT BY : JOSH WEISS FILE NAME : LAYOUT NAME - 08



C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\050101-PD.DWG PLOT DATE : 10/6/2021 12:57 PM PLOT BY : JOSH WEISS FILE NAME : LAYOUT NAME - 09



C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\050101-PD.DWG PLOT DATE : 10/6/2021 12:57 PM PLOT BY : JOSH WEISS FILE NAME : LAYOUT NAME - 10

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PLOT SCALE : 1 IN:100 FT



FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\050101-PD.DWG PLOT DATE : 10/6/2021 12:57 PM PLOT BY : JOSH WEISS PLOT NAME : LAYOUT NAME - 11

XXXXXXX. SAWING ASPHALT/BUTT JOINT DOUGLAS J & LISA K CODY DRYAN J WENDLAND EXISTING RW BAD PE 330+10 LT USH 12 R/L 28+02 LT 0 USH 12 330 332 334 H 3 12' TRAVEL LANES 5' PAVED SHLDS EXISTING RW 4' BAD SHLDS CANADIAN PACIFIC RAILROAD ZOBAL FARMS LLC EXISTING RW BAD PE USH 12 R/L 345+11 LT 25 342 344 USH 12 348 340 346 12' TRAVEL LANES 5' PAVED SHLDS 4' BAD SHLDS EXISTING RW CANADIAN PACIFIC RAILROAD PROJECT NO: 5880-00-66 HWY: USH 12 COUNTY: JUNEAU PLAN DETAILS

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LEGEND

FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\050101-PD.DWG PLOT DATE : 10/6/2021 12:57 PM PLOT BY : JOSH WEISS PLOT NAME : LAYOUT NAME - 12





FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\050101-PD.DWG PLOT DATE : 10/6/2021 12:58 PM PLOT BY : JOSH WEISS PLOT NAME : LAYOUT NAME - 13



FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\050101-PD.DWG PLOT DATE : 10/6/2021 12:58 PM PLOT BY : JOSH WEISS LAYOUT NAME - 14



1 IN:100 FT

WISDOT/CADDS SHEET 44

Estimate Of Quantities

					5880-00-66	
Line	Item	Item Description	Unit	Total	Qty	
0002	204.0100	Removing Concrete Pavement	SY	17.000	17.000	
0004	204.0110	Removing Asphaltic Surface	SY	17.000	17.000	
0006	204.0120	Removing Asphaltic Surface Milling	SY	143,690.000	143,690.000	
8000	204.0130	Removing Curb	LF	25.000	25.000	
0010	204.0150	Removing Curb & Gutter	LF	68.000	68.000	
0012	204.0155	Removing Concrete Sidewalk	SY	27.000	27.000	
0014	204.0220	Removing Inlets	EACH	2.000	2.000	
0016	211.0100	Prepare Foundation for Asphaltic Paving (project) 01. 5880-00-66	LS	1.000	1.000	
0018	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	467.000	467.000	
0020	213.0100	Finishing Roadway (project) 01. 5880-00-66	EACH	1.000	1.000	
0022	305.0110	Base Aggregate Dense 3/4-Inch	TON	5,529.000	5,529.000	
0024	305.0500	Shaping Shoulders	STA	31.000	31.000	
0026	455.0605	Tack Coat	GAL	11,326.000	11,326.000	
0028	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	1.000	1.000	
0030	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	1.000	1.000	
0032	460.2005	Incentive Density PWL HMA Pavement	DOL	12,460.000	12,460.000	
0034	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	16,680.000	16,680.000	
0036	460.2010	Incentive Air Voids HMA Pavement	DOL	17,280.000	17,280.000	
0038	460.5224	HMA Pavement 4 LT 58-28 S	TON	17,271.000	17,271.000	
0040	465.0105	Asphaltic Surface	TON	970.000	970.000	
0042	465.0425	Asphaltic Shoulder Rumble Strips 2-Lane Rural	LF	61,702.000	61,702.000	
0044	465.0475	Asphalt Centerline Rumble Strips 2-Lane Rural	LF	30,851.000	30,851.000	
0046	521.3118	Culvert Pipe Corrugated Steel 18-Inch	LF	12.000	12.000	
0048	601.0110	Concrete Curb Type D	LF	25.000	25.000	
0050	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	68.000	68.000	
0052	602.0415	Concrete Sidewalk 6-Inch	SF	235.000	235.000	
0054	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	20.000	20.000	
0056	606.0200	Riprap Medium	CY	22.000	22.000	
0058	611.0654	Inlet Covers Type V	EACH	2.000	2.000	
0060	611.3220	Inlets 2x2-FT	EACH	2.000	2.000	
0062	614.0400	Adjusting Steel Plate Beam Guard	LF	1,915.000	1,915.000	
0064	619.1000	Mobilization	EACH	1.000	1.000	
0066	624.0100	Water	MGAL	83.500	83.500	
0068	625.0100	Topsoil	SY	50.000	50.000	
0070	627.0200	Mulching	SY	50.000	50.000	
0072	628.7015	Inlet Protection Type C	EACH	7.000	7.000	
0074	629.0210	Fertilizer Type B	CWT	3.000	3.000	
0076	630.0130	Seeding Mixture No. 30	LB	1.000	1.000	
0078	630.0500	Seed Water	MGAL	1.100	1.100	
0800	638.2102	Moving Signs Type II	EACH	10.000	10.000	
0082	638,4000	Moving Small Sign Supports	EACH	10.000	10.000	
0084	642.5001	Field Office Type B	EACH	1.000	1.000	
0086	643.0300	Traffic Control Drums	DAY	480.000	480.000	
0088	643.0900	Traffic Control Signs	DAY	1,250.000	1,250.000	
0090	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000	
0092	643,5000	Traffic Control	EACH	1.000	1.000	
0094	644.1601	Temporary Pedestrian Curb Ramp	DAY	20.000	20.000	
0096	645.0120	Geotextile Type HR	SY	56.000	56.000	
0098	646.1020	Marking Line Epoxy 4-Inch	LF	25.910.000	25,910,000	
				.,	-,	

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02/10/2022 08:20:13 Page 1 3

			Estimate Of Quantities						
					5880-00-66				
Line	Item	Item Description	Unit	Total	Qty				
0100	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	80,280.000	80,280.000				
0102	646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF	555.000	555.000				
0104	646.4520	Marking Line Same Day Epoxy 4-Inch	LF	36,540.000	36,540.000				
0106	648.0100	Locating No-Passing Zones	MI	7.900	7.900				
0108	649.0105	Temporary Marking Line Paint 4-Inch	LF	3,350.000	3,350.000				
0110	650.8000	Construction Staking Resurfacing Reference	LF	41,691.000	41,691.000				
0112	650.9000	Construction Staking Curb Ramps	EACH	2.000	2.000				
0114	650.9910	Construction Staking Supplemental Control (project) 01. 5880-00-66	LS	1.000	1.000				
0116	690.0150	Sawing Asphalt	LF	87.000	87.000				
0118	690.0250	Sawing Concrete	LF	32.000	32.000				
0120	740.0440	Incentive IRI Ride	DOL	31,585.000	31,585.000				
0122	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	2,200.000	2,200.000				
0124	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	1,200.000	1,200.000				
0126	SPV.0035	Special 01. Removing Excess Shoulder Material	CY	830.000	830.000				
0128	SPV.0090	Special 01. Removing, Salvage, and Reinstall Guardrail	LF	50.000	50.000				
0130	SPV.0180	Special 01. Removing Distressed Pavement Milling	SY	718.000	718.000				

02/10/2022 08:20:13 Page 2 3

THE ADD Cold	CATEGO	DRY LOCAT	211.0100 PREPAF FOUNDATIO ASPHALTIC P (PROJECT) 5880-00- ON LS CT 1	.01 E N FOR AVING (01. 66)	CATEGORY STA 0020 11: 0020 12: 0020 12:	TION TO STATION 8+11 119+21 7+36 135+50 8+15 138+45	<u>I LO</u>	CATION _T/RT _LT _RT	305.0500 SHAPING SHOULDERS STA 12 8 10	CATEGORY 0010	STATION TO 0+00 -	STATION 1:3+11	LOCATION MI	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY 37,800	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA	455.0605 TACK COAT GAL 2,640	450.5224 HMA PAVEMENT 4 LT 58-28 S TON 4,230	455.0105 ASPHALTIC SJRFACE TON	SPV.0180.01 SPECIAL (01. REMOVING DISTRESSED PAVEMENT MILLING) SY
4502103.1 450210.1 450210.1		TOTAL C	010 1		0020 12	.13 130143	ТОТ		31	0010 0010 0010 0010 0010 0010	113+11 - 119+21 - 127+35 128+15 135+50 138+45 - 147+60	12/+36 128+15 135+50 138+45 147+60	ML ML ML ML ML	3,260 3,260 3,270 1,090 4,880 760		230 24 230 75 350	355 38 <u>366</u> 122 547		
With Lands With La				460.010 HMA PER)5.S 460.0110.S CENT HMA PERCENT					0010 0010 0010 0010	147100 - 149+87 - <u>157+29 -</u> 414+21 - 0+00 -	145187 157+29 414+21 416+91 416+91 TO	ML MI ML ML TAL CATEGORY 0010	2,970 85,700 900 - 143,690	- - - -	53 210 6,000 53 - 10,055	333 9,600 101 	- - - - - - - - - - - - - - - - - - -	/18
PROJECTION 143,000 467 11,376 17,271 970 718 25000 Station 524000 WATE 524000 WATE 425,001 ARABILITIC ARABILITIC 425,001 ARABILITIC ARABILITIC 425,001 ARABILITIC		CATEGOR	<u>LOCATION</u> PROJECT TOTAL 0010	WITHIN LI (PWI) TEST VOLUME EACH	MITS WITHIN LIMITS STRIP (PWI) TEST STR IRICS DENSITY I EACH 1 1	P 				0020 0020 0020 0020 0020 0020 0020	0+00 - 135+50 147+60 157+29 274+52 414+2:	113+11 138+45 149+87 273+88 414+21 416+91 TO	LT/RT LT LT/RT LT/RT LT/RT RT TAL CATEGORY 0020	- - -	226 3 5 233 279 <u>3</u> 467	610 8 20 622 746 8 1,260	570 8 20 581 695 7 1,179	430 10 10 440 530 10 890	
LINE ACCOUNT IN TO STATION LOCATION LOCATION VARTER 1000 11/200 11/270				305	.0110 624.01	00							PROJECT TOTAI	143,690	467	11,326	:7,271	970	718
Image: construct of the co	EGORY)010)010)010)010)010)010)010)010)010)010)010	STATION TO 0+00 - 112+50 - 128+15 - 135+50 - 138+45 - 147+60 - 157+29 - 414+21 -	STATION LOCATI 112+50 LT/R 119+21 LT/R 135+50 LT/R 138+45 LT 147+60 LT/R 149+87 LT/R 414+21 LT/R 416+91 RT TOTALO TOTALO	BASE AG DENSE DN T 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	GREGATE 3/4-INCH WATE 630 24 21 0.5 23 0.5 24 0.5 25 0.5 50 1 33 0.5 720 56 20 0.5 529 83.5	R L	<u>CATE</u> 00 00 00	GORY S 020 020 2 020 2	0+00 - 85+90 160+00 - 273+63 274+77 - 410+00	LOCATION ML ML ML TOTAL 0020	465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2- LANE RURAL LF 16,380 21,476 23,846 61,702	-		<u>CATE0</u> 00 00 00	<u>GORY STATION</u> 10 0+00 10 160+00 10 274+77	N TO STATIO - 85+90) - 273+6 / - 410+00	DN LOCATION D ML 3 ML 0 ML TOTAL 0010	465.0475 ASPHALT CENTERLINE RUMBLE STRIPS 2- LANE RURAL LF 8,190 10,738 11,923 30,851	
LOCATION STATION MIXTURE USE UNDERLYING SURFACE BID ITEM				THE	PWL FOLLOWING ACCEPTANC	MIXTURE USE TABLE	CABLE T	O THIS PROJE	ECT:							204.0155	602.0415	602.0505 CURB RAMP DETECTABLE	650.9000
I2 FOOL DRIVING LANE 0+00 TO 416+91 UPPER LAYER MILLED HMA SURFACE 4 LT 58-28 S 12,400 2 INCHES INCENTIVE AIR VOIDS HMA PAVEMENT 460.2005 HMA PAVEMENT 460.2005 PAVED SHOULDERS 0+00 TO 416+91 UPPER LAYER MILLED HMA SURFACE 4 LT 58-28 S 4,820 2 INCHES INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010 ACCEPTANCE TESTING BY DEPARTMENT, NOT ELIGIBLE FOR INCENTIVE 0010 122+00 LT 14 125 10 1	10.55		STATION	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	QUALITY MANAGEMENT	PROGRAM TO DENSI	BE USED FOR: TY ACCEPTANCE		CATEGORY	STATION	LOCATION	CONCRETE SIDEWALK SY	CONCRETE SIDEWALK 6-INCH SF	WARNING FIELD YELLOW SF	STAKING CURI RAMPS EACH
	12 FOO PAVE	DI DRIVING LANE	0+00 TO 416+91	UPPER LAYER	MILLED HMA SURFACE	4 LT 58-28 S	4,820	2 INCHES	INCENTIVE AIR VOIDS HM PAVEMENT 460.2010	A HMA PAVE ACCEPTAI DEPARTME FOR	EMENT 460.2005 NCE TESTING BY NT, NOT ELIGIBLE INCENTIVE		0010 0010	122+00 122+00	LT RT	14 13	125 110	10 10	1

					204.0100 REMOVING CONCRETE PAVEMENT	204.0110 REMOVING ASPHALTIC SURFACE	204.0130 REMOVING CURB	204.0150 REMOVING CURB & GUTTER	521.3118 CULVERT PIPE CORRUGATED STEEL 18-INCH	601.0110 CONCRETE CURB TYPE D	601.0411 CONCRETE CURB & GUTTER 30- INCH TYPE D	644.1601 TEMPORARY PEDESTRIAN CURB RAMP	690.0150 SAWING ASPHALT	690.0250 SAWING CONCRETE	SPV.0090.01 SPECIAL (01. REMOVE, SALVAGE, AND REINSTALL GUARDRAIL)
CATEGORY	STATION	TO	STATION	LOCATION	SY	SY	LF	LF	LF	LF	LF	DAY	LF	LF	LF
0010 0010 0010	121+04 121+08 125+45 127+26	-	121+30 121+28 125+70 127+35	LT RT LT	- - -	6 5 6	- - 25	26 24 -	- - -	- - 25	26 24 -	10 10	30 28 29	15 15 2	25
0010	127+20	-	127+33	LI	0	-	-	9	0	-	3	-	-	-	12.5
0010	127+40	-	127+49	RT	9	-	-	9	4	-	9	-	-	-	12.5
				TOTAL 0010	17	17	25	68	12	25	68	20	87	32	50
3	646.3040 MARKING LINE GROOVED WET REF EPOXY 8- INCH CATEGORY STATION TO STATION LOCATION LF REMARKS 0010 86+30 0010 86+30 0010 136+70 010 136+70 010 136+70 010 136+70 010 136+70 010 136+70 NUTE 100 WHITE 0010 1398+80 VEND RT, LEER ST 190 WHITE TOTAL 0010 555	CATEGORYSTATIONTOSTATIONLOCATION00100+00-85+90C/L001085+90-160+00C/L0010160+00-410+00C/L001010+00-416+91C/LTOTAL 0010TEMPORARY MARKING LINE TO BE PLACED ON MILLED SURFACEMARKING LINE STRIPS	646.1020 646.4520 MARKING LINE SAME DAY M EPOXY 4-INCH EPOXY 4-INCH IF LF LF 5,100 5,100 - 10,450 20,810 20,810 - 180 25,910 36,540 DR TO RUMBLE STRIPS	649.0105 TEMPORARY MARKING LINE PAINT 4-INCH LF REMARKS 690 RUMBLE STRIPS 600 NO RUMBLE STRIPS 2,000 RUMBLE STRIPS 60 NO RUMBLE STRIPS 3,350	<u>CATEGORY STATION TO STAT</u> 0010 0+00 - 150+ 0010 140+65 - 144+ 0010 157+30 - 416+	ON LOCATION -75 LT/RT EDGELINE -30 RT BYPASS LANE SKIPS -91 LT/RT EDGELINE TOTAL 0010	646.1040 MARKING LINE GROOVED WET REF EPOXY 4- INCH LF REMARKS 29,080 WHITE 5 100 WHITE 51,100 WHITE 80,280	3							
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	<u>CATEGORY STATION TO STATION LOO</u> 0010 0+00 - 416+91 TOT	648.0100 LOCATING NO- PASSING ZONES ATION MI ML 7.90 NL 0010 7.90		<u>CATEGORY STATION TO</u> 0010 0+00 -	650.80 CONSTRU STAKI RESURFA REFERE STATION LOCATION LF 416+91 PROJECT 41,69 TOTAL 0010 41,69	000 650.9910.01 CONSTRUCTION STAKING CTION SUPPLEMENTAL NG CONTROL \cing (PROJECT) (01. NCE 5880-00-66) LS 21 91 1	-								
		CATEGORY STATION 1	SPV.003 SPECIAL REMOV EXCESS SHO MATER TO STATION LOCATION CY	35.01 L (01. VING OULDER RIAL)				_							

0010	0+00	-	113+11	ML	250
0010	147+60	-	149+87	ML	10
0010	157+29	-	414+21	ML	560
0010	414+21	-	416+91	ML	10
				TOTAL 0010	830

PROJECT NO	D: 5880-00-66	HWY: USH 12	COUNTY: JUNEAU			MISCELLANEOU	S QUANTITIES	
FILE NAME : C:\C	OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36	USH 12 JUNEAU COUNTY\500 CADD\501 C3D 2018\58800036\SHEETS	PLAN\030201-MQ.DWG	PLOT DATE :	2/8/2022 4:43 PM	PLOT BY :	JOSH WEISS	PLOT NAME :

FILE NAME : C:\OD\CORRE, INC\PROJECTS - DOCUMENTS\WI - SW REGION\5880-00-36_USH 12_JUNEAU COUNTY\500_CADD\501_C3D_2018\58800036\SHEETSPLAN\030201-MQ.DWG PLOT DATE : 2/8/2022 4:43 PM PLOT LAYOUT NAME - 03

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Standard Detail Drawing List

08A05-19C	INLET COVERS TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S
08C07-02	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08D01-22A	CONCRETE CURB & GUTTER
08D05-20A	CURB RAMPS TYPES 1 AND 1-A
08D05-20B	CURB RAMPS TYPES 2 AND 3
08D05-20C	CURB RAMPS TYPES 4A AND 4A1
08D05-20D	CURB RAMPS TYPE 4B AND 4B1
08D05-20E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-20F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-20G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08E10-02	INLET PROTECTION TYPE A, B, C AND D
13A10-02A	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-02B	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
15C02-08F	ADVANCED WIDTH RESTRICTION SIGNING
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M. P. H. OR GREATER TWO-WAY UN
15C08-20A	LONGITUDINAL MARKING (MAINLINE)
15C11-09B	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
15D30-06B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING
15D44-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES
15D45-03	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH LOOSE GRAVEL
15D48-01	TRAFFIC CONTROL, LANE SHIFT IN FLAGGING OPERATION
15D51-01	TRAFFIC CONTROL, MOBILE OPERATIONS ON AN UNDIVIDED ROADWAY

INDIVIDED ROAD OPEN TO TRAFFIC



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GENERAL NOTES

ENGINEER.

EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

(1) FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	AL
	WIDTH (W)(FT)	LENGTH () (FT)		
2X2-FT	2	2	x	
2X2.5-FT	2	2.5		
2X3-FT	2	3		
2.5X3-FT	2.5	3		

PIPE MATRIX

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	MAXIMUM INSIDE PIPE DIAMETER			
INLET SIZE	WIDTH (IN)	LENGTH (IN)		
2X2-FT	12	12		
2X2.5-FT	12	18		
2X3-FT	12	24		
2.5X3-FT	18	24		

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

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SDD 08D01 22a

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DEPARTMENT OF TRANSPORTATION

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SDD 08D05 N 0 ğ

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AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP

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.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF

THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4 - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

LEGEND

 ½" EXPANSION JOINT SIDEWALK
 CONTRACTION JOINT FIELD LOCATED
 PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



	CURB RAMPS TYPE 2 AND 3	00800
F)5 - 20b
	CONTRACTION JOINT SIDEWALK PAVEMENT MARKING CROSSWALK (WHITE)	
2 LEGER	ND ½" EXPANSION JOINT SIDEWALK	6
LEVEL ** LANDING 1.5% CROSS (6) SLOPE	 ★ MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK ★★ WIDTH SHOWN ELSEWHERE IN THE PLANS 	
KCEEDS 5 FEET, USE RADIAL DET ICULAR TO DIRECTION OF WHEEL 0", IT MAY BE DIFFICULT TO ACHI E AREA TO ACHIEVE 7% SLOPE C 10:1 FLARES.	ECTABLE WARNING FIELD PER SDD 8D5-f. .CHAIR TRAVEL. IEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. IR FLATTER ON RAMP. CONSTRUCT 2-INCH	
E IN SIDEWALK CROSS SLOPE. TH OM THE ENGINEER. 1UM 2% SLOPE) IN ANY DIRECTIOI	IE SIDEWALK CROSS SLOPE SHALL NOT EXCEED N OF PEDESTRIAN TRAVEL. STANDARD LEVEL	
R FLAG SLOPE AND THE CURB RA IDE LONGITUDINAL DRAINAGE AR ES GREATER THAN ¼ - INCH ARE INNIMALLY 1.5% AND NOT TO EXCI AT 1.5% IN THE DIRECTION OF P LOWABLE WITH FLATTENED GUT IGE.	IMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM OUND CURB AND AWAY FROM CURB RAMP. NO ALLOWED. SLOPE OF CURB HEAD OPENING EED 7%. WHEN ADJACENT TO 1.5% LANDING, EDESTRIAN TRAVEL. TER FLAG SLOPE (2.67% OR LESS) AND	
AT ARE INSTALLED AS A GROUP (NS AND THE APPLICABLE SPECIAL PROVISIONS.	
TURES, JUNCTION BOXES OR OTI	HER OBSTRUCTIONS IN FRONT OF	

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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20d

= (9' - 0"	W = 10' - 0"		
	Y	Х	Y	
	7' - 2 1⁄2"	0' - 10 ¾"	7' - 7 ¼"	
"	10' - 1 ¼"	2' - 1 ¼"	10' - 9"	
"	14' - 8 ½"	3' - 8 ½"	15' - 8 ¼"	
	18' - 5 ¾"	4' - 10 ¾"	19' - 8 ¼"	
		5' - 10 ¼"	23' - 2"	

 $\frac{1}{2}$ " EXPANSION JOINT SIDEWALK
 CONTRACTION JOINT SIDEWALK
 PAVEMENT MARKING CROSSWALK (WHITE)

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TYPE 4B AND 4B1

DEPARTMENT OF TRANSPORTATION



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AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS. 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. DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER. (2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN $\frac{1}{4}$ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN (3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE. (4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT (6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET. (1) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN (12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK, WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL (13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT LEGEND ½" EXPANSION JOINT SIDEWALK CONTRACTION JOINT FIELD LOCATED PAVEMENT MARKING CROSSWALK (WHITE) 6 6' - 0" MIN EXPANSION JOINT TOP OF 1.5% (4) ROADWAY DEPRESSED CURB & GUTTER - DETECTABLE WARNING FIELD (SEE SDD 8D5-g) RAMP **SECTION B - B FOR TYPE 7A** 0 Ň . S 08D0 **CURB RAMPS TYPE 5, 6, 7A, 7B & 8** STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION ົດ



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MIN.

1.6"

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MAX.

2.4"

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN X[®] DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.



PLAN VIEW RADIAL DETECTABLE WARNING FIELD ATTRIBUTES





VARIES

VARIES

RADIAL

PLATES

- DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR
- FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION
- DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER



PLAN VIEW RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2019 DATE

/S/ Rodney Taylor ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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SDD 13A10 02a

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2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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SECTION A - A

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



DEPARTMENT OF TRANSPORTATION



SDD 13A11 -**03b**











SDD **15C02** 08f

SIGN ON PERMANENT SUPPORT

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

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

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

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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

WIDTH ON SIGN TO BE APPROXIMATELY ONE FOOT LESS THAN AVAILABLE WIDTH.

PLACE 500 FEET AFTER THE W20 - 1A AND 500 FEET BEFORE ADDITIONAL SIGNS FOR ROADWAYS WITH A PRE - CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FOOT TYPICAL SPACING. FOR 25-30 MPH, USE 200 FOOT

******* ADDITIONAL SIGNS NEEDED IF THERE IS AN ON RAMP BETWEEN SIGNS.

ADVANCED WIDTH RESTRICTION SIGNING

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED February 2020 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER 80 . N ÖÜ S ~ ۵

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SDD

15C04







TEMPORARY PAVEMENT MARKING







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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.

"T" MARKING

DIRECTION OF TRAFFIC

-1½

4" WHITE 11/2"

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GENERAL NOTES

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

LEGEND

SIGN ON PERMANENT SUPPORT

" BLACK CONTRAST — ½" MAX. GROOVE		
_		
- <u>/</u> // MAX. GROOVE	JOINT LINE	/
' BLACK CONTRAST		

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 15C19 . 0 **6**a





(INTERSECTIONS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION











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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









DIRECTION OF TRAFFIC





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GRAVEL





SDD



GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

MOBILE IS WORK THAT MOVES CONTINUOUSLY OR MOVES AT LEAST THE DECISION SIGHT DISTANCE EVERY 15 MINUTES.

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL ARROW PANELS SHALL BE REAR FACING, TYPE "B" OR "C", AND DISPLAYING THE FLASHING CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF

DISTANCE BETWEEN VEHICLES MAY INCREASE FROM THE ATTENUATOR'S ROLL AHEAD BASED ON TERRAIN, SIGHT DISTANCE, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

(2) ALIGN LEFT SIDE OF SHADOW VEHICLE WITH EDGE OF WORK AREA.

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TRAFFIC CONTROL, **MOBILE OPERATIONS ON AN UNDIVIDED ROADWAY**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED February 2021 DATE

/S/ Andrew Heidtke STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER



Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

http://www.dot.wisconsin.gov

