

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

MOUNTAIN - POUND

CTH S - USH 141

STH 64

MARINETTE COUNTY

STATE PROJECT NUMBER 9160-20-60 OCONTO R-18-E R-19-E MARINETTE

R-19-E R-20-E



FILE NAME : N:\PDS\C3D\91602030\SHEETSPLAN\010101-TI.DWG

PLOT NAME PLOT BY : MALUEG, RYAN P

LOT LINE

LIMITED HIGHWAY EASEMENT

PROPOSED OR NEW R/W LINE

EXISTING RIGHT OF WAY

SLOPE INTERCEPT

REFERENCE LINE

EXISTING CULVERT

(Box or Pipe)

MARSH AREA

PROPOSED CULVERT

COMBUSTIBLE FLUIDS

WOODED OR SHRUB AREA

	FEDERAL PROJECT				
STATE PROJECT	PROJECT	CONTRACT			
9160-20-60					

NET EXCEPTION TO CL LENGTH STA 376+29.55 - STA 376+64.33

END PROJECT STA 495+81.28

- ESCANABA & LAKE SUPERIOR RAILROAD CROSSING REPLACEMENT

MARINETTE

- B-38-45

PREPARED BY	
Designer	E. DANKE
Project Manager	M. TERNES
Regional Examiner	
Regional Supervisor	D. SEGERSTROM

GENERAL NOTES

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA WHICH 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 WHICH HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

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

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

SAWCUT LOCATIONS SHOWN ON THE PLANS ARE SUBJECT TO ADJUSTMENT BY THE ENGINEER IN THE FIELD.

UTILITIES

DENNIS LAFAVE NETLEC LLC - COMMUNICATION LINE 1345B NORTH ROAD GREEN BAY, WI 54313 MOBILE PHONE: (920) 619-9774 dlafave@mi-tech.us

ANDY HEIGL PACKERLAND BROADBAND - COMMUNICATION LINE 105 KENT STREET PO BOX 190 IRON MOUNTAIN, MI 49801 OFFICE PHONE: (906) 774-6621 MOBILE PHONE: (906) 221-7536 E-MAIL: Andy.heigl@plbb.net

PETE JOHNSON

CENTURYLINK - COMMUNICATION LINE 2425 MARY STREET MARINETTE, WI 54143 OFFICE PHONE: (715) 735-0059 MOBILE PHONE: (715) 732-7990 E-MAIL: Peter.s.johnson@centurylink.com

WDNR LIAISON

NE REGION SURVEY COORDINATOR

JIM DOPERALSKI DNR NORTHEAST REGIONAL HQ 2984 SHAWANO AVENUE GREEN BAY, WI 54313 PHONE: (920) 412-0165 EMAIL: james.doperalski@wisconsin.gov

CORMAC MCINNIS, RLS 944 VANDERPERREN WAY GREEN BAY, WI 54304 PHONE: (920) 492-5638 E-MAIL: cormac.mcinnis@dot.wi.gov

PROJECT NO: 9160-20-60	HWY: STH 64	COUNTY: MARINETTE	GENERAL NOTES



RICK VINCENT NET LEC LLC - COMMUNICATION LINE 450 SECURITY BOULEVARD PO BOX 19079 GREEN BAY, WI 54307-9079 PHONE: (920) 617-7316 E-MAIL: rick.vincent@nsight.com

JACK PARDY OCONTO ELECTRIC COOPERATIVE - ELECTRICITY 7479 REA ROAD OCONTO FALLS, WI 54154 OFFICE PHONE: (920) 846-2816 MOBILE PHONE: (920) 373-8524 E-MAIL: jpardy@ocontoelectric.com

KEVIN SCHUTTE POUND VILLAGE OF WATER & SEWER UTILITY - WATER 2002 MAIN ST POUND, WI 54161 OFFICE PHONE: (920) 897-4307 MOBILE PHONE: (920) 290-2304 E-MAIL: vopks@hotmail.com



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N:\PDS\C3D\91602030\SHEETSPLAN\020201-PO.DWG LAYOUT NAME - 020201-po FILE NAME :

2

PLOT BY : MARTIN, THOMAS S PLOT DATE : 6/19/2018 12:23 PM PLOT NAME :



PLOT NAME :

EXISTING GROUND

EXISTING GROUND

EXISTING GROUND

SHEET

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N:\PDS\C3D\91602030\SHEETSPLAN\020301-TS.DWG FILE NAME : LAYOUT NAME - 020302-ts

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PLOT DATE : 11/13/2019 11:34 AM PLOT BY : MARTIN, THOMAS S PLOT NAME : EXISTING GROUND

EXISTING GROUND

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EXISTING GROUND

EXISTING GROUND

EXISTING GROUND

SHEET

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PROJECT NO: 9160-20-60	HWY: STH 64	COUNTY: MARINETTE		PLAN: TYP	PICAL SECTIONS	
FILE NAME : N:\PDS\C3D\91602030\SHEETSPLAN\020301-TS.DWG		PLOT DATE :	11/13/2019 11:35 AM	PLOT E	Y: MARTIN, THOMAS S	PLOT NAME :

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EXISTING GROUND

EXISTING GROUND

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SHEET

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FILE NAME : N:\PDS\C3D\91602030\SHEETSPLAN\021001-CD.DWG LAYOUT NAME - 021001-cd PLOT DATE : 11/13/2019 11:36 AM PLOT BY : MARTIN, THOMAS S PLOT NAME :







FILE NAME : N:\spo\traffic\A Work Zone\Detours\Marinette County\STH 64\RxR Crossing\027002_dt.dgn

PLOT NAME :





FILE NAME : N:\spo\traffic\A Work Zone\Detours\Marinette County\STH 64\RxR Crossing\027004_dt.dgn

PLOT DATE: 09-JAN-2020 15:41 PLOT BY: dotj1f

PLOT NAME :

PLOT	SCALE	:	60:1

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SHEET

SHEET 2 OF 2 PLAN SHEET PRODUCED BY WisDOT-NE REGION

В

					Estimate Of	f Quantities
					9160-20-60	
Line	Item	Item Description	Unit	Total	Qty	
0002	204.0110	Removing Asphaltic Surface	SY	176.000	176.000	
0004	204.0115	Removing Asphaltic Surface Butt Joints	SY	112.000	112.000	
0006	204.0120	Removing Asphaltic Surface Milling	SY	130,210.000	130,210.000	
8000	204.0150	Removing Curb & Gutter	LF	23.000	23.000	
0010	211.0100	Prepare Foundation for Asphaltic Paving (project) 01. 9160-20-60	LS	1.000	1.000	
0012	213.0100	Finishing Roadway (project) 01. 9160-20-60	EACH	1.000	1.000	
0014	305.0110	Base Aggregate Dense 3/4-Inch	TON	3,310.000	3,310.000	
0016	455.0605	Tack Coat	GAL	9,136.000	9,136.000	
0018	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	1.000	1.000	
0020	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	1.000	1.000	
0022	460.2005	Incentive Density PWL HMA Pavement	DOL	12,170.000	12,170.000	
0024	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	14,640.000	14,640.000	
0026	460.2010	Incentive Air Voids HMA Pavement	DOL	16,110.000	16,110.000	
0028	460.6224	HMA Pavement 4 MT 58-28 S	TON	16,050.000	16,050.000	
0030	465.0110	Asphaltic Surface Patching	TON	300.000	300.000	
0032	465.0475	Asphalt Centerline Rumble Strips 2-Lane Rural	LF	31,062.000	31,062.000	
0034	601.0415	Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type J	LF	23.000	23.000	
0036	618.0100	Maintenance And Repair of Haul Roads (project) 01. 9160-20-60	EACH	1.000	1.000	
0038	619.1000	Mobilization	EACH	1.000	1.000	
0040	624.0100	Water	MGAL	47.500	47.500	
0042	628.7015	Inlet Protection Type C	EACH	2.000	2.000	
0044	633.5200	Markers Culvert End	EACH	3.000	3.000	
0046	638.2102	Moving Signs Type II	EACH	2.000	2.000	
0048	642.5001	Field Office Type B	EACH	1.000	1.000	
0050	643.0300	Traffic Control Drums	DAY	170.000	170.000	
0052	643.0420	Traffic Control Barricades Type III	DAY	70.000	70.000	
0054	643.0705	Traffic Control Warning Lights Type A	DAY	100.000	100.000	
0056	643.0900	Traffic Control Signs	DAY	1,391.000	1,391.000	
0058	643.0920	Traffic Control Covering Signs Type II	EACH	5.000	5.000	
0060	643.1050	Traffic Control Signs PCMS	DAY	28.000	28.000	
0062	643.5000	Traffic Control	EACH	1.000	1.000	
0064	646.1020	Marking Line Epoxy 4-Inch	LF	30,923.000	30,923.000	
0066	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	68,345.000	68,345.000	
0068	646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF	100.000	100.000	
0070	646.5320	Marking Railroad Crossings Epoxy	EACH	2.000	2.000	
0072	649.0105	Temporary Marking Line Paint 4-Inch	LF	2,912.000	2,912.000	
0074	649.0120	Temporary Marking Line Epoxy 4-Inch	LF	30,137.000	30,137.000	
0076	650.8000	Construction Staking Resurfacing Reference	LF	36,900.000	36,900.000	



					Estimate Of	Quantities
					9160-20-60	
Line	Item	Item Description	Unit	Total	Qty	
0078	650.9910	Construction Staking Supplemental Control (project) 01. 9160-20-60	LS	1.000	1.000	
0080	690.0150	Sawing Asphalt	LF	131.000	131.000	
0082	690.0250	Sawing Concrete	LF	3.000	3.000	
0084	740.0440	Incentive IRI Ride	DOL	53,120.000	53,120.000	
0086	SPV.0060	Special 01. Concrete Curb & Gutter Restoration	EACH	1.000	1.000	

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04/06/2020 11:08:06 Page 2 3

REMOVING ASPHALTIC SURFACE

	204.0110	
LOCATION	SY	REMARKS
CATEGORY 0010		
CTH ZZ SW RADIUS	7	SEE CURB & GUTTER REMOVAL AND REPLACEMENT DETAIL
ESCANABA & LAKE SUPERIOR RAILROAD CROSSING	85	WEST OF RAILROAD CROSSING
ESCANABA & LAKE SUPERIOR RAILROAD CROSSING	84	EAST OF RAILROAD CROSSING
PROJECT TOTAL	176	

REMOVING ASPHALTIC SURFACE BUTT JOINTS

					204.0115	
ŕ	STATI ON	Т0	STATI ON	LOCATI ON	SY	REMARKS
CATEGO	RY 0010					
	129+34	-	129+36	STH 64	8	BEGINNING OF PROJECT
	367+28	-	376+30	STH 64	8	WEST EDGE OF B-38-045
	376+64	-	376+66	STH 64	8	EAST EDGE OF B-38-045
	495+79	-	495+81	STH 64	7	END OF PROJECT
	10+79	-	10+81	CTH S	7	NORTH OF STH 64
	9+45	-	9+47	CTH ZZ	7	SOUTH OF STH 64
	10+50	-	10+52	47TH ROAD	7	NORTH OF STH 64
	9+20	-	9+22	TOM POST ROAD	5	SOUTH OF STH 64
	10+78	-	10+80	41ST ROAD	5	NORTH OF STH 64
	10+78	-	10+80	39TH ROAD	5	NORTH OF STH 64
	9+19	-	9+21	CTH Q	6	SOUTH OF STH 64
	10+78	-	10+80	ELMERS LANE	6	NORTH OF STH 64
	9+22	-	9+24	29TH ROAD	5	SOUTH OF STH 64
	10+82	-	10+84	31ST ROAD	4	NORTH OF STH 64
	10+79	-	10+81	25TH ROAD	5	NORTH OF STH 64
	9+21	-	9+23	17TH ROAD	5	SOUTH OF STH 64
				ESCANABA & LAKE SUPERIOR RAILROAD CROSSING	7	WEST OF RAILROAD CROSSING
				ESCANABA & LAKE SUPERI OR RAI LROAD CROSSI NG	7	EAST OF RAILROAD CROSSING
				PROJECT TOTAL	112	

REMOVING CURB & GUTTER

LOCATION LF REMARKS EGORY 0010 CTH ZZ SW RADIUS 23 SEE CURB & GUTTER REMOVAL AND REPLACEMENT DET/
EGORY 0010 CTH ZZ SW RADIUS 23 SEE CURB & GUTTER REMOVAL AND REPLACEMENT DET/
CTH ZZ SW RADIUS 23 SEE CURB & GUTTER REMOVAL AND REPLACEMENT DET
PROJECT TOTAL 23

PROJECT NO: 9160-20-60	HWY: STH 64	COUNTY: MARINETTE	MISCELLANEOUS QUANTITIES	
FILE NAME : N:\PDS\\030200_mq.pptx		PLOT DATE : June 14, 1911	PLOT BY : A.R.H.	PLOT NAME :

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3-045
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64
ROSSI NG

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REMOVING ASPHALTIC SURFACE MILLING

	204.0120				
REMARKS	SY	LOCATI ON	STATI ON	TO	STATI ON
					ATEGORY 0010
BEGINNING OF PROJECT TO CTH	190	STH 64	129+82	-	129+36
CTH S INTERSEC	850	STH 64	131+12	-	129+82
CTH S INTERSECTION TO CTH	17, 100	STH 64	179+00	-	131+12
CTH ZZ INTERSEC	590	STH 64	179+94	-	179+00
CTH ZZ INTERSECTION TO 47TH	1, 220	STH 64	182+55	-	179+94
47TH ROAD INTERS	590	STH 64	183+49		182+55
47TH ROAD INTERSECTION TO TOM PO	16, 300	STH 64	230+60	-	183+49
TOM POST ROAD INTER	760	STH 64	231+84	-	230+60
TOM POST ROAD INTERSECTION TO 4	1, 260	STH 64	235+40	-	231+84
41ST ROAD INTERS	760	STH 64	236+64	-	235+40
41ST ROAD INTERSECTION TO 39T	8, 370	STH 64	261+54	-	236+64
39TH ROAD INTERS	760	STH 64	262+77	-	261+54
39TH ROAD INTERSECTION TO C	7,020	STH 64	283+43	-	262+77
CTH Q INTERSEC	850	STH 64	284+72	-	283+43
CTH Q INTERSECTION TO ELMERS	19, 000	STH 64	340+65	-	284+72
ELMERS LANE INTER	820	STH 64	341+95	-	340+65
ELMERS LANE INTERSECTION TO 29	1, 040	STH 64	344+93	-	341+95
29TH ROAD INTERS	750	STH 64	346+16	-	344+93
29TH ROAD INTERSECTION TO 315	7,020	STH 64	367+01	-	346+16
31ST ROAD INTERS	720	STH 64	368+17	-	367+01
31ST ROAD INTERSECTION	2, 810	STH 64	376+27	-	368+17
B-38-045 TO 25TH ROAD	24, 600	STH 64	450+26	-	376+67
25TH ROAD INTERS	770	STH 64	451+51	-	450+26
25TH ROAD INTERSECTION TO 17T	8, 420	STH 64	476+35	-	451+51
17TH ROAD INTERS	750	STH 64	477+58	-	476+35
17TH ROAD INTERSECTION TO	6, 100	STH 64	495+79	-	477+58
WEST OF RAILROAD O	100	ESCANABA AND LAKE SUPERIOR RAILROAD CROSSING			
EAST OF RAILROAD C	690	ESCANABA AND LAKE SUPERIOR RAILROAD CROSSING			
	120 210				

PROJECT NO: 9160-20-60	HWY: STH 64	COUNTY: MARINETTE	MISCELLANEOUS QUANTITIES		
FILE NAME : N:\PDS\\030200_mq.pptx		PLOT DATE : June 14, 1911	PLOT BY : A.R.H.	PLOT NAME :	

TH S INTERSECTION TION ZZ INTERSECTION CTION ROAD INTERSECTION ECTI ON OST ROAD INTERSECTION RSECTI ON 1ST ROAD INTERSECTION ECTION H ROAD INTERSECTION ECTI ON TH Q INTERSECTION TION LANE INTERSECTION SECTI ON TH ROAD INTERSECTION ECTI ON T ROAD INTERSECTION ECTION TO B-38-045 INTERSECTION ECTI ON H ROAD INTERSECTION ECTI ON END OF PROJECT CROSSI NG CROSSI NG

SHOULDER WORK SUMMARY

BASE	
AGGREGATE	
DENSE	
3/4-I NCH	WATER
305.0110	624.0100
TON	MGAL

STATI ON	Т0	STATI ON	LOCATI ON	TON	MGAL	REMA
CATEGORY 0010						
129+34	-	129+82	STH 64 LT	2	0. 1	BEGINNING OF PROJECT T
143+60	-	157+70	STH 64 LT	65	0.9	CTH S CURB & GUTTER
158+10	-	177+52	STH 64 LT	93	1.3	PAVED DRIVEWAY TO 47T
188+08	-	195+14	STH 64 LT	34	0.5	47TH ROAD CURB & GUTT
195+46	-	235+40	STH 64 LT	190	2.7	PAVED DRIVEWAY TO 41S
236+64	-	261+54	STH 64 LT	110	1.5	41ST ROAD CURB & GUTTER TO
262+77	-	290+00	STH 64 LT	130	1.8	39TH ROAD CURB & GUTTER TO FIRST
291+58	-	306+50	STH 64 LT	72	1.0	FIRST WB STH 64 CURB & GUTTER SECTION TO
308+00	-	340+93	STH 64 LT	160	2.2	SECOND WB STH 64 CURB & GUT
341+53	-	345+50	STH 64 LT	18	0.3	ELMERS LANE TO
345+90	-	367+29	STH 64 LT	100	1.4	PAVED DRI VEWAY
367+75	-	376+41	STH 64 LT	39	0.5	31ST ROAD T
376+74	-	385+97	STH 64 LT	44	0.6	B-38-045 TO P/
386+33	-	450+26	STH 64 LT	320	4.5	PAVED DRIVEWAY TO 25T
451+51	-	474+08	STH 64 LT	110	1.5	25TH ROAD CURB & GUTTER
474+42	-	475+79	STH 64 LT	7	0.1	FIRST PAVED DRIVEWAY TO
476+21	-	495+81	STH 64 LT	97	1.4	SECOND PAVED DRI VEWA
129+34	_	175+92	STH 64 RT	220	3. 1	BEGINNING OF PROJECT TO
186+58	-	230+52	STH 64 RT	210	2.9	CTH ZZ CURB & GUTTER TO TO
231+92	-	283+43	STH 64 RT	240	3.4	TOM POST ROAD CURB & GUTT
284+72	_	337+88	STH 64 RT	260	3.6	CTH O CURB & GUTTER
338+28	_	344+93	STH 64 RT	32	0.4	PAVED DRIVEWAY TO 29T
346+16	_	376+21	STH 64 RT	150	2.1	29TH ROAD CURB & G
376+54	_	386+25	STH 64 RT	42	0.6	B-38-045 TO PA
386+65	_	475+00	STH 64 RT	430	6.0	PAVED DRIVEWAY TO 17T
477+58	-	495+81	STH 64 RT	89	1.2	17TH ROAD CURB & GUTT
10+62	-	10+81	CTH S LT	1	0. 1	CTH S SI
9+45	-	9+47	CTH ZZ LT	1	0. 1	CTH ZZ S
9+20	-	9+40	TOM POST ROAD RT	1	0.1	TOM POST ROA
10+68	-	10+80	41ST ROAD LT	1	0.1	41ST ROAD
10+68	-	10+80	39TH ROAD LT	1	0.1	39TH ROAD
9+19	-	9+37	CTH Q RT	1	0. 1	CTH Q SI
10+32	-	10+80	ELMERS LANE LT	2	0.1	ELMERS LAN
10+38	-	10+80	ELMERS LANE RT	1	0.1	ELMERS LAN
9+22	-	9+31	29TH ROAD RT	1	0.1	29TH ROAD
10+34	-	10+84	31ST ROAD LT	2	0.1	31ST ROAD
10+71	_	10+84	31ST ROAD RT	1	0.1	31ST ROAD
10+59	_	10+81	25TH ROAD IT	1	0.1	25TH ROAD
9+21	-	9+39	17TH ROAD RT	1	0. 1	17TH ROAD
			ESCANABA & LAKE SUPERIOR RAILROAD CROSSING L	T 3	0. 1	WEST OF RAILROAD (
			ESCANABA & LAKE SUPERIOR RAILROAD CROSSING F	εT 1	0. 1	WEST OF RALLROAD (
			ESCANABA & LAKE SUPERIOR RAILROAD CROSSING I	.T 13	0.2	EAST OF RALLROAD (
			ESCANABA & LAKE SUPERIOR RAILROAD CROSSING F	RT 14	0.2	EAST OF RAILROAD
			PROJECT TOTAL	3, 310	47.5	
NO: 9160-20-60			HWY: STH 64 COUNTY: MAR	NETTE	М	ISCELLANEOUS QUANTITIES
				· · · · —		

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PLOT BY : A.R.H.

ARKS

TO CTH S CURB & GUTTER TO PAVED DRI VEWAY TH ROAD CURB & GUTTER TER TO PAVED DRIVEWAY ST ROAD CURB & GUTTER TO 39TH ROAD CURB & GUTTER WB STH 64 CURB & GUTTER SECTION SECOND WB STH 64 CURB & GUTTER SECTION TTER SECTION TO ELMERS LANE PAVED DRI VEWAY TO 31ST ROAD TO B-38-045 AVED DRIVEWAY TH ROAD CURB & GUTTER TO FIRST PAVED DRIVEWAY SECOND PAVED DRI VEWAY AY TO END OF PROJECT. TO CTH ZZ CURB & GUTTER OM POST ROAD CURB & GUTTER ER TO CTH Q CURB & GUTTER TO PAVED DRIVEWAY TH ROAD CURB & GUTTER GUTTER TO B-38-045 AVED DRIVEWAY TH ROAD CURB & GUTTER TER TO END OF PROJECT HOULDER SHOULDER AD SHOULDER SHOULDER SHOULDER HOULDER E SHOULDER E SHOULDER SHOULDER SHOULDER SHOULDER SHOULDER SHOULDER CROSSING SHOULDER CROSSING SHOULDER CROSSING SHOULDER CROSSING SHOULDER

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ASPHALTIC MATERIALS SUMMARY

				JT 4 MT 58	3-28 5		
		ΤΔΟΚ			<u>PWI</u>		
		COAT					
		455 0605	160 6221			745 0110	
INDITATE OF INDITATE		455.0005	400. 0224 TON			405. 0110 TON	
CATECODY 0010	LUCATION	GAL	TON	TON#	TON##	TUN	
		14	24	1/	24		
129+34 - 129+82		14	24	10	24		BEGINNING OF P
129+82 - 131+12	STH 64	60	107	42	107		
131+12 - 179+00	STH 64	1, 200	2, 101	1, 558	2, 101		
179+00 - 179+94	STH 64	42	/4	31	/4		
179+94 - 182+55	SIH 64	86	149	85	149		
182+55 - 183+49	SIH 64	42	/3	31	/3		
183+49 - 230+60	SIH 64	1, 140	2,004	1, 533	2,004		4/IH ROAD INTERSECT
230+60 - 231+84	SIH 64	54	94	40	94		TOM PO
231+84 - 235+40	STH 64	88	153	116	153		TOM POST ROAD INTER
235+40 - 236+64	STH 64	54	93	40	93		41ST
236+64 - 261+54	STH 64	586	1, 028	810	1, 028		41ST ROAD INTERSE
261+54 - 262+77	STH 64	54	93	40	93		39TH
262+77 - 283+43	STH 64	491	862	672	862		39TH ROAD INTER
283+43 - 284+72	STH 64	60	104	42	104		СТ
284+72 - 340+65	STH 64	1, 330	2, 327	1, 819	2, 327		CTH Q INTERSECTI
340+65 - 341+95	STH 64	58	101	42	101		ELMER
341+95 - 344+93	STH 64	73	127	97	127		ELMERS LANE INTERS
344+93 - 346+16	STH 64	53	92	40	92		29TH
346+16 - 367+01	STH 64	492	863	678	863		29TH ROAD INTERSE
367+01 - 368+17	STH 64	51	88	38	88		31ST
368+17 - 376+29	STH 64	197	346	264	346		31ST ROAD
376+64 - 450+26	STH 64	1, 720	3, 024	2, 395	3, 024		B-38-045 T
450+26 - 451+51	STH 64	54	95	40	95		25TH
451+51 - 476+35	STH 64	589	1, 038	808	1, 038		25TH ROAD INTERSE
476+35 - 477+58	STH 64	53	93	40	93		17TH
477+58 - 495+81	STH 64	428	752	593	752		17TH ROAD INT
UNDI STRI BUTED	STH 64					300	
	ESCANABA & LAKE SUPERIOR RAILROAD CROSSING	13	37	14	37		WEST (
	ESCANABA & LAKE SUPERIOR RAILROAD CROSSING	54	108	71	108		EAST
	PROJECT TOTAL	9, 136	16,050	11, 995	16, 050	300	
	NOTES						

NOTES:

TONNAGE IS ELIGIBLE FOR INCENTIVE DENSITY PWL HMA PAVEMENT 460. 2005 AND INCENTIVE AIR VOIDS HMA PAVEMENT 460. 2010 ## TONNAGE IS ELIGIBLE FOR INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010 AND DENSITY IS TESTED FOR ACCEPTANCE IN THOSE AREAS

PROJECT NO: 9160-20-60	HWY: STH 64	COUNTY: MARINETTE	MISCELLANEOUS QUANTITIE	S
FILE NAME : N:\PDS\\030200_mq.pptx		PLOT DATE : June 14, 1911	PLOT BY : A.R.H.	PLOT NAME :

REMARKS

PROJECT TO CTH S INTERSECTION TH S INTERSECTION CTION TO CTH ZZ INTERSECTION H ZZ INTERSECTION NTERSECTION TO 47TH ROAD ROAD INTERSECTION FION TO TOM POST ROAD INTERSECTION OST ROAD INTERSECTION RSECTION TO 41ST ROAD INTERSECTION ROAD INTERSECTION ECTION TO 39TH ROAD INTERSECTION ROAD INTERSECTION RSECTION TO CTH Q INTERSECTION TH Q INTERSECTION ON TO ELMERS LANE INTERSECTION RS LANE INTERSECTION SECTION TO 29TH ROAD INTERSECTION ROAD INTERSECTION ECTION TO 31ST ROAD INTERSECTION ROAD INTERSECTION INTERSECTION TO B-38-045 TO 25TH ROAD INTERSECTION ROAD INTERSECTION ECTION TO 17TH ROAD INTERSECTION ROAD INTERSECTION ERSECTION TO END OF PROJECT

OF RAILROAD CROSSING OF RAILROAD CROSSING

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ASPHALT	CENTERLINE	RUMBLE	STRI PS	2-LANE	RURAL

			465.0475	
Т0	STATI ON	LOCATI ON	LF	REMARKS
-	130+37	STH 64	0	BEGINNING OF PROJECT TO CTH S
-	179+47	STH 64	3, 960	CTH S TO CTH ZZ
-	183+01	STH 64	0	CTH ZZ TO 47TH ROAD
-	231+32	STH 64	4, 130	47TH ROAD TO TOM POST ROAD
-	235+92	STH 64	60	TOM POST ROAD TO 41ST ROAD
-	262+06	STH 64	2, 210	41ST ROAD TO 39TH ROAD
-	284+17	STH 64	1, 810	39TH ROAD TO CTH Q
-	341+20	STH 64	5,300	CTH Q TO ELMERS LANE
-	345+62	STH 64	42	ELMERS LANE TO 29TH ROAD
-	367+48	STH 64	1, 790	29TH ROAD TO 31ST ROAD
-	450+77	STH 64	7,850	31ST ROAD TO 25TH ROAD
-	477+05	STH 64	2, 230	25TH ROAD TO 17TH ROAD
-	495+81	STH 64	1, 680	17TH ROAD TO END OF PROJECT
	T0 - - - - - - - - - - - - - - - - - - -	TO STATION - 130+37 - 179+47 - 183+01 - 231+32 - 235+92 - 262+06 - 284+17 - 341+20 - 345+62 - 367+48 - 450+77 - 477+05 - 495+81	TOSTATIONLOCATION-130+37STH 64-179+47STH 64-183+01STH 64-231+32STH 64-235+92STH 64-262+06STH 64-284+17STH 64-341+20STH 64-345+62STH 64-367+48STH 64-450+77STH 64-477+05STH 64-495+81STH 64	465.0475 TO STATI ON LOCATI ON LF - 130+37 STH 64 0 - 179+47 STH 64 3,960 - 183+01 STH 64 0 - 231+32 STH 64 4,130 - 235+92 STH 64 60 - 262+06 STH 64 1,810 - 284+17 STH 64 1,810 - 341+20 STH 64 42 - 367+48 STH 64 42 - 367+48 STH 64 7,850 - 477+05 STH 64 2,230 - 495+81 STH 64 1,680

PROJECT TOTAL 31,062

CURB & GUTTER REPLACEMENT

	CONCRETE CURB & GUTTER 6-I NCH SLOPED 30-I NCH TYPE J 601.0415	CONCRETE CURB & GUTTER RESTORATI ON SPV. 0060. 01	**TOPSOI L	**MULCHI NG	**FERTI LI ZER TYPE B	**SEEDI NG MI XTURE NO. 40	
LOCATI ON	LF	EACH	SY	SY	CWT	LB	REMARKS
CATEGORY 0010							
CTH ZZ SW RADIUS	23	1	3	3	0.01	0. 05	SEE CURB & GUTTER REMOVAL AN
PROJECT TOTAL	23	1	3	3	0.01	0.05	

NOTES:

**ITEMS AND QUANTITIES FOR BID INFORMATION ONLY - ITEMS WILL BE PAID FOR UNDER BID ITEM "CONCRETE CURB & GUTTER RESTORATION"

PROJECT NO: 9160-20-60	HWY: STH 64	COUNTY: MARINETTE	MISCELLANEOUS QUANTITIES	
FILE NAME : N:\PDS\\030200_mq.pptx		PLOT DATE : June 14, 1911	PLOT BY : A.R.H.	PLOT NAME :

AND REPLACEMENT DETAIL

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INLET PROTECTION TYPE C

			PROJECT TOTAL	2	
929	-	14.1	17TH ROAD LT	1	17TH ROAD SW RADIUS
47670	-	33.4	STH 64 RT	1	17TH ROAD SW RADIUS
CATEGORY 0010					
STATI ON	Т0	STATI ON	LOCATI ON	EACH	REMARKS
				628. 7015	

MARKERS CULVERT END

				633.5200	
STATI ON	Т0	STATI ON	LOCATI ON	EACH	REMARKS
CATEGORY 0010					
20285	-	31	STH 64 LT	1	24" X 38" RCHECP
27136	-	37	STH 64 LT	1	24" RCCP
36947	-	30	STH 64 LT	1	24" X 38" RCHECP
			PROJECT TOTAL	3	

MOVING SIGNS TYPE II

	638. 2102	
LOCATI ON	EACH	REMARKS
CATEGORY 0010		
ESCANABA & LAKE SUPERIOR RAILROAD CROSSING	2	SPEED LIMIT 45
PROJECT TOTAL	2	

PROJECT NO: 9160-20-60	HWY: STH 64	COUNTY: MARINETTE	MISCELLANEOUS QUANTITIES	
FILE NAME : N:\PDS\\030200_mq.pptx		PLOT DATE : June 14, 1911	PLOT BY : A.R.H.	PLOT NAME :

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WARNI NG COVERI NG APPROX. DRUMS BARRICADES TYPE III LIGHTS TYPE A SI GNS SI GNS APPROX. SI GNS PCMS SERVI CE SERVI CE 643. 1050 643.0300 643.0420 643.0705 643.0900 TYPE II PERI OD NO. TOTAL NO. TOTAL NO. TOTAL NO. TOTAL 643.0920 NO. TOTAL LOCATI ON/STAGE DAYS REQ' D DAY REQ' D DAY REQ' D DAY REQ' D DAY EACH DAYS REQ' D DAY REMARKS CATEGORY 0010 ADVANCE WARNING MAINLINE STH 64 WEST PROJECT LIMITS 38 5 190 7 7 INSTALL PCMS PRIOR TO START OF CONSTRUCTION 1 STH 64 EAST PROJECT LIMITS 38 5 190 7 INSTALL PCMS PRIOR TO START OF CONSTRUCTION 1 7 SI DEROADS CTH S 38 38 1 38 CTH ZZ 38 1 47TH ROAD 38 38 1 TOM POST ROAD 38 38 1 41ST ROAD 38 38 1 39TH ROAD 38 38 1 CTH Q 38 38 1 38 ELMERS LANE 38 1 29TH ROAD 38 38 1 31ST ROAD 38 38 1 38 25TH ROAD 38 1 17TH ROAD 38 38 1 CURB & GUTTER REMOVAL AND REPLACEMENT STH 64 RT 10 17 170 1 10 ESCANABA & LAKE SUPERIOR RAILROAD CROSSING ROAD CLOSURE STH 64 5 12 60 16 80 6 30 7 2 14 5 DETOUR 5 2 10 4 20 103 515 PROJECT TOTAL 17 170 70 14 20 100 132 1, 391 5 4 28

TRAFFIC CONTROL SUMMARY

PROJECT NO: 9160-20-60	HWY: STH 64	COUNTY: MARINETTE	MISCELLANEOUS QUANTITIES	
FILE NAME : N:\PDS\\030200_mq.pptx		PLOT DATE : June 14, 1911	PLOT BY : A.R.H. PLO	DT NAME :

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APPROX. WARNI NG NUMBER SERVICE BARRI CADES LI GHTS SI IN PERI OD SIGNS TYPE III TYPE A PC SI GN SI GN SIZE SERVICE 643.0900 643.0420 643.0705 643. LOCATI ON CODE NO. DAYS DAYS DAYS DAYS ₩ХН DA CATEGORY 0010 M 3-4 36"X18" US 141, N. OF STH 64, PLACE 1/4 MILE N. OF STH 64 INTERCHANGE ON RIGHT SHOULDER M 1-6 36"X36" ... WO 20-2A 48"X48" US 141, N. OF STH 64, PLACE 1/4 MILE N. OF STH 64 INTERCHANGE IN MEDIAN M 3-4 36"X18" M 1-6 36"X36" WO 20-2A 48"X48" US 141, N. OF STH 64, PLACE 1/4 MILE N. OF STH 64 INTERCHANGE ON RIGHT SHOULDER MO 4-8 36"X18" M 3-4 36"X18" M 1-6 36"X36" MO 6-1 30"X30" US 141, N. OF STH 64, PLACE 1/4 MILE N. OF STH 64 INTERCHANGE IN MEDIAN MO 4-8 36"X18" M 3-4 36"X18" M 1-6 36"X36" MO 6-1 30"X30" US 141 OFF-RAMP TO STH 64, COVER EXISTING D1-62 SIGN AS SHOWN STH 64, W. OF US 141, PLACE ON RIGHT SHOULDER W. OF SB RAMP INTERSECTION R 11-3 60"X30" M 4-9L 30"X24" STH 64, W. OF US 141, PLACE ON RIGHT SHOULDER, FIELD DETERMINE LOCATION PCMS STH 64, E. OF CTH CP, PLACE ON RIGHT SHOULDER, FIELD DETERMINE LOCATION PCMS STH 64, BETWEEN US 141 RAMPS, PLACE/COVER EXISTING D1-62 SIGN AS SHOWN MO 4-8 24"X12" M 3-4 24"X12" M 1-6 24"X24" MO 6-1 21"X21" US 141 OFF-RAMP TO STH 64, COVER EXISTING D1-62 SIGN AS SHOWN STH 64, E. OF US 141 NB RAMP INTERSECTION, PLACE 150' E. OF NB RAMP INTERSECTION MO 4-8 24"X12" M 3-4 24"X12" M 1-6 24"X24" MO 6-1 21"X21" STH 64, E. OF US 141 NB RAMP INTERSECTION, COVER EXISTING D1-62 SIGN AS SHOWN STH 64, E. OF US 141 NB RAMP INTERSECTION, PLACE 1/4 MILE E. OF US 141 RAMP M 3-4 24"X12" M 1-6 24"X24" WO 20-2A 48"X48" STH 64, E. OF CTH CP, PLACE ON RIGHT SHOULDER IN SE QUADRANT OF INTERSECTION R 11-3 60"X30" M 4-9R 30"X24" STH 64, AT CTH CP, PLACE RIGHT OF EXISTING J3-2 SIGN MO 4-8 24"X12" M 3-2 24"X12" M 1-6 24"X24" MO 6-1 21"X21" PAGE SUBTOTALS 35

TRAFFIC CONTROL DETOUR SIGN SUMMARY

PROJECT NO: 9160-20-60	HWY: STH 64	COUNTY: MARINETTE	MISCELLANEOUS QUANTITIES		
FILE NAME : N:\PDS\\030200_mq.pptx		PLOT DATE : June 14, 1911	PLOT BY : A.R.H.	PLOT NAME :	

GNS CMS 1050 AYS	NO. OF CYCLES	COVERI NG SI GNS TYPE II 643. 0920 EACH	REMARKS	
			64	
			64	
			64 AHEAD	
	1	1	64 AHEAD COVER AS SHOWN	
7 7	1	1	174 MILE AHEAD PLACE IN ADVANCE OF CLOSURE PLACE IN ADVANCE OF CLOSURE COVER "64 WEST"	
	1	1	64 LEFT COVER "WEST 64 POUND ANTIGO"	
	1	1	64 AHEAD COVER SIGN AS SHOWN	
			64 1/4 MILE AHEAD	
			64 RI GHT	
4		4		
			SHEET: E	

		TRAFFIC CONTRO	L DETOU	<u>r sign</u>	SUMMARY						
SI GN		SI GN	SI ZE	NUMBER I N Servi Ce	APPROX. SERVI CE PERI OD 5	SI GNS 643. 0900	BARRI CADES TYPE III 643. 0420	WARNI NG LI GHTS TYPE A 643. 0705	SI GNS PCMS 643. 1050	COVERING SIGNS NO. OF TYPEII CYCLES 643.0920	
NO.	LOCATI ON	CODE	WXH		DAYS	DAYS	DAYS	DAYS	DAYS	EACH	REMARKS
16	STH 64, W. OF CTH CP, PLACE 750' W. OF CTH CP INTERSECTION	N MO 4-8	24"X12"	1	5	5					
	· · · · ·	M 3-2	24"X12"	1	5	5					
	п	M 1-6	24"X24"	1	5	5					64
17		MO 5-1R	21"X21"	1	5	5					
17	SIH 64, W. OF CIH CP, PLACE 1/4 MILE W. OF CIH CP INTERSECT	<u>1 UN M 3-2</u> M 1 6	24" X12" 24" X12"	1	5	5					64
	п	WO 20-2A	24 X24 48"X48"	1	5	5					64
18	CTH CP, AT STH 64, MODIFY/COVER EXISTING J3-2 SIGN AS SHOW	WN MO 6-1	21"X21"	1	5	5					
	н									1 1	COVER "BUSINESS 141 RT"
19	US 141, N. OF CTH CP, PLACE 1000' N. OF CTH CP INTERCHANGE ON RIGH	T SHOULDER MO 4-8	36"X18"	1	5	5					
		M 3-4	36"X18"	1	5	5					
		M 1-6 MO E 2D	36" X36"	1	5	5					64
20	US 1/1 N OF CTH OP PLACE 1000' N OF CTH OP INTERCHANGE IN I	MO 5-2R MEDIAN MO 4-8	30 X30 36"¥18"	1	5 5	5 5					
20		MEDIAN MO 4-0 M 3-4	36"X18"	1	5	5					
	п	M 1-6	36"X36"	1	5	5					64
	н	MO 5-2R	30"X30"	1	5	5					
21	US 141, AT CTH CP EXIT RAMP, PLACE LEFT OF EXISTING TYPE I GROUND	MOUNT SIGN MO 4-8	36"X18"	1	5	5					
		M 3-4	36"X18"	1	5	5					<i></i>
	и	<u>M 1-6</u> M0 6 2	36" X36" 20" V20"	1	5	5 5					
22	US 141 OFF-RAMP TO CTH CP RAMP PLACE 600' PRIOR TO CTH CO RAMP IN	TERSECTION MO 4-8	30 X30 24"X12"	1	5	5 5					
22		M 3-4	24"X12"	1	5	5					
	н	M 1-6	24"X24"	1	5	5					64
	п	MO 5-1L	21"X21"	1	5	5					
23	US 141 OFF-RAMP TO CTH CP RAMP, PLACE RIGHT OF EXISTING R6-1 AT RAMP	INTERSECTION MO 4-8	24"X12"	1	5	5					
	и И	M 3-4	24"X12"	1	5	5					
		M 1-6 MO 6 1	24" X24" 21" V21"	1	5	5 5					64 I EET
24	CTH CP AT US 141 NB RAMP PLACE RIGHT OF EXISTING 13-1 AT RAMP IN	TERSECTION MO 4-8	21 A21 24"X12"	1	5	5					
		M 3-2	24"X12"	1	5	5					
	н	M 1-6	24"X24"	1	5	5					64
	п	MO 6-1	21"X21"	1	5	5					RI GHT
25	CTH CP, E. OF US 141, PLACE RIGHT OF EXISTING J2-3 E. OF US 141 IN	TERSECTION MO 4-8	24"X12"	1	5	5					
	и п	<u>М 3-2</u> м 1 4	24"X12"	1	5	<u>5</u>					۷ ۸
	п	™ 1-6 MO 5-1R	24 x24 21"X21"	1	5 5	5 5					04
		PAGE S	UBTOTALS	36		180	0	0	0	1	
	CT NO: 9160-20-60 HWY: STH 64	COUNTY MARINETTE		М							SHEET

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

PLOT DATE : June 14, 1911

PLOT BY : A.R.H.

PLOT NAME :

NO. NO. ATEGORY 001		1 1 7 1 8 1	0175		PERIOD	SIGNS	TYPE III	TYPE A	PCMS	NO. OF TYPE II	
CATEGORY 001	LOCATION	ST GN CODE	SIZE W X H	SERVICE	5 DAYS	643.0900 DAYS	643. 0420 DAYS	643.0705 DAYS	643. 1050 DAYS	CYCLES 643. 0920 EACH	REMARKS
~ ′	10					-		-	-		
26	CTH CP, S. OF CTH B, PLACE 150' S. OF CTH B INTERSECTION	MO 4-8	24"X12"	1	5	5					
		M 3-4 M 1 6	24" X12" 24" X24"	1	5	5					64
	н	MO 6-1	24 X24 21"X21"	1	5	5					AHFAD
27	CTH CP, N. OF CTH B, PLACE 150' N. OF CTH B INTERSECTION	MO 4-8	24"X12"	1	5	5					, mene
-	n n	M 3-2	24"X12"	1	5	5					
	п	M 1-6	24"X24"	1	5	5					64
	и	MO 6-1	21"X21"	1	5	5					AHEAD
28	US 141, S. OF CTH CP, PLACE 2000' S. OF CTH CP INTERCHANGE IN MEDIAN	M 3-4	36"X18"	1	5	5					/ /
		<u>M 1-6</u>	36"X36"	1	5	5 5					64
29 I	JS 141. S. OF CTH CP. PLACE 2000' S. OF CTH CP INTERCHANGE ON RIGHT SHOULDER	WO 20-2F M 3-4	36"X18"	1	5	5					
2, 0		M 1-6	36"X36"	1	5	5					64
	п	WO 20-2A	A 48"X48"	1	5	5					
30	US 141, S. OF CTH CP, PLACE 1/4 MILE S. OF CTH CP INTERCHANGE IN MEDIAN	MO 4-8	36"X18"	1	5	5					
	п	M 3-4	36"X18"	1	5	5					
		M 1-6	36"X36"	1	5	5					64
21 110		MO 5-2R	30"X30"	1	5	5					
31 05	141, S. OF CIH CP, PLACE 174 MILE S. OF CIH CP INTERCHANGE ON RIGHT SHOULDE	-R MU 4-8	30 X 18 26" V 10"	1	5	5					
	п	M 3-4 M 1-6	<u>36"X36"</u>	1	5	5					64
	п	MO 5-2R	30"X30"	1	5	5					01
32	US 141, S. OF CTH CP, PLACE LEFT OF EXISTING TYPE I GROUND MOUNT SIGN	MO 4-8	36"X18"	1	5	5					
	п	M 3-4	36" X18"	1	5	5					
	n 	<u>M 1-6</u>	<u>36" X36"</u>	1	5	5					64
22		MO 6-2	30" X30"	1	5	5					IILI RIGHI
33	US 141 UFF-RAMP TO CTH CP, PLACE 600 PRIOR TO CTH CP RAMP INTERSECTION	MO 4-8 M 2 /	24 XIZ	1	5	5					
	п	M 3-4 M 1-6	24 X12 24" X24"	1	5	5					64
	п	MO 5-1R	21"X21"	1	5	5					01
34	US 141 OFF-RAMP TO CTH CP, PLACE LEFT OF EXISTING J3-3 SIGN ON RAMP	MO 4-8	24"X12"	1	5	5					
	п	M 3-4	24"X12"	1	5	5					
	н 	M 1-6	24"X24"	1	5	5					64
	u	MO 6-1	21"X21"	1	5	5					RI GHT
		PAGE S	SUBTOTALS	5 34		170	0	0	0	0	

PROJECT NO: 9160-20-60	HWY: STH 64	COUNTY: MARINETTE	MISCELLANEOUS QUANTITIES	
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				MARKING LINE			MARKI NG	TEMPORARY MARKING LINE
				4-INCH YELLOW	4-INCH WHITE	8-INCH WHITE	CROSSI NGS EPOXY	4-INCH YELLOW
				646. 1020	646.1040	646.3040	646.5320	649.0105
STATI ON	Т0	STATI ON	LOCATION	LF	LF	LF	EACH	LF
CATEGORY 0010								
129+34	-	130+37	STH 64	25	151			8
130+37	-	179+47	STH 64	4, 590	7, 960	100		392
179+47	-	183+01	STH 64	708	0			28
183+01	-	231+32	STH 64	2, 930	8, 650			384
231+32	-	235+92	STH 64	573	816			36
235+92	-	262+06	STH 64	3, 370	5,010			208
262+06	-	284+17	STH 64	2,360	4,000			176
284+17	-	341+20	STH 64	3, 540	11, 300			456
341+20	-	345+62	STH 64	392	610			32
345+62	-	367+48	STH 64	1, 640	4, 270			172
367+48	-	450+77	STH 64	5, 320	16, 400			664
450+77	-	477+05	STH 64	3, 720	4, 890			208
477+05	-	495+81	STH 64	969	3, 699			148
			CTH S	94	19			
			CTH ZZ	48	2			
			CTH Q	94	18			
			ESCANABA & LAKE SUPERIOR RAILROAD CROSSIN	550	550		2	
			PROJECT TOTAL	30, 923	68, 345	100	2	2, 912

PAVEMENT MARKING SUMMARY

PROJECT NO: 9160-20-60	HWY: STH 64	COUNTY: MARINETTE	MISCELLANEOUS QUANTITIES	
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FILE NAME : N:\PDS\...\030200_mq.pptx

PLOT DATE : June 14, 1911

TEMPORARY		
MARKING LINE		
EPOXY		
4-INCH		
649 0120		
LF	REMARKS	
25	BEGINNING OF PROJECT TO CTH S	
4, 590		
2,930	47TH ROAD TO TOM POST ROAD	
573	TOM POST ROAD TO 41ST ROAD	
3, 370	41ST ROAD TO 39TH ROAD	
2,360	391H ROAD TO CTH Q	
3, 540	FIMERS LANE TO 29TH ROAD	
1, 640	29TH ROAD TO 31ST ROAD	
5, 320	31ST ROAD TO 25TH ROAD	
3, 720	25TH ROAD TO 17TH ROAD	
969	17TH ROAD TO END OF PROJECT	
	NORTH OF STH 64	
	SOUTH OF STH 64	
	SOUTH OF STH 64	
30, 137		

PLOT SCALE : 1:1

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CONSTRUCTION STAKING SUMMARY

			PROJECT TOTAL	36, 900	1
			ESCANABA & LAKE SUPERI OR RAI LROAD CROSSI NG	300	
129+34	-	495+81	STH 64	36, 600	1
CATEGORY 0010					
STATI ON	Т0	STATI ON	LOCATI ON	LF	LS
				REFERENCE 650. 8000	CONTROL 650. 9910. 01
				RESURFACI NG	SUPPLEMENTAL

	SAW	ING SUMMARY	
	SAWI NG ASPHALT 690. 0150	SAWI NG CONCRETE 690. 0250	
LOCATION	LF	LF	REMARKS
CATEGORY 0010			
CTH ZZ SW RADIUS	31	3	SEE CURB AND GUTTER REMOVAL AND REPLACEMEN
ESCANABA & LAKE SUPERIOR RAILROAD CROSSING	50		WEST OF RAILROAD CROSSING
ESCANABA & LAKE SUPERIOR RAILROAD CROSSING	50		EAST OF RAILROAD CROSSING
PROJECT TOTAL	131	3	

PROJECT NO: 9160-20-60	HWY: STH 64	COUNTY: MARINETTE	MISCELLANEOUS QUANTITIES	
FILE NAME : N:\PDS\\030200_mq.pptx		PLOT DATE : June 14, 1911	PLOT BY : A.R.H.	PLOT NAME :

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PLOT SCALE : 1:1

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<u>IRI RIDE</u>

		SEGMENT	LANE LENGTH	
STATION TO STATION LA	ANE	TYPE	LF	REMARKS
CATEGORY 0010				
STH 64 WB				
129+34 - 134+34	1	HMA III	500	INTERSECTION
134+34 - 174+34	1	HMA I	4,000	
174+34 - 189+34	1	HMA IV	1, 500	SPEED CHANGE
189+34 - 229+34	1	HMA I	4,000	
229+34 - 239+34	1	HMA III	1,000	I NTERSECTI ON
239+34 - 259+34	1	HMA I	2,000	
259+34 - 264+34	1	HMA III	500	INTERSECTION
264+34 - 279+34	1	HMA I	1, 500	
279+34 - 289+34	1	HMA III	1, 000	INTERSECTION
289+34 - 339+34	1	HMA I	5,000	
339+34 - 349+34	1	HMA III	1,000	INTERSECTION
349+34 - 364+34	1	HMA I	1, 500	
364+34 - 369+34	1	HMA III	500	INTERSECTION
369+34 - 449+34	1	HMA I	8,000	
449+34 - 454+34	1	HMA III	500	INTERSECTION
454+34 - 474+34	1	HMA I	2,000	
474+34 - 479+34	1	HMA III	500	INTERSECTION
479+34 - 495+81	1	HMA I	1, 647	
		STH 64 WB TOTAL	36, 647	
STH 64 EE				
129+34 - 134+34	1	HMA III	500	INTERSECTION
134+34 - 174+34	1	HMA I	4,000	
174+34 - 189+34	1	HMA IV	1, 500	SPEED CHANGE
189+34 - 229+34	1	HMA I	4,000	
229+34 - 239+34	1	HMA III	1,000	I NTERSECTI ON
239+34 - 259+34	1	HMA I	2,000	
259+34 - 264+34	1	HMA III	500	I NTERSECTI ON
264+34 - 279+34	1	HMA I	1, 500	
279+34 - 289+34	1	HMA III	1,000	INTERSECTION
289+34 - 339+34	1	HMA I	5,000	
339+34 - 349+34	1	HMA III	1,000	INTERSECTION
349+34 - 364+34	1	HMA I	1, 500	
364+34 - 369+34	1	HMA III	500	INTERSECTION
369+34 - 449+34	1	HMA I	8,000	
449+34 - 454+34	1	HMA III	500	I NTERSECTI ON
454+34 - 474+34	1	HMA I	2,000	
474+34 - 479+34	1	HMA III	500	INTERSECTION
479+34 - 495+81	1	HMA I	1,647	
	-	STH 64 EB TOTAL	36, 647	
		PROJECT TOTAL	73, 294	

PROJECT NO: 9160-20-60	HWY: STH 64	COUNTY: MARINETTE	MISCELLANEOUS QUANTITIES	
FILE NAME : N:\PDS\\030200_mq.pptx		PLOT DATE : June 14, 1911	PLOT BY : A.R.H.	PLOT NAME :

3

SHEET:

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FILE NAME : N:\PDS\C3D\91602030\SHEETSPLAN\050201-PN.DWG LAYOUT NAME - 050203-pn

PLOT DATE : 11/18/2019 1:38 PM PLOT BY : MARTIN, THOMAS S PLOT NAME :



FILE NAME : N:\PDS\C3D\91602030\SHEETSPLAN\050201-PN.DWG LAYOUT NAME - 050204-pn

PLOT DATE : 11/18/2019 1:38 PM PLOT BY : MARTIN, THOMAS S



FILE NAME : N:\PDS\C3D\91602030\SHEETSPLAN\050201-PN.DWG LAYOUT NAME - 050205-pn

PLOT BY : DANKE, ERIC A PLOT DATE : 4/2/2020 9:02 AM PLOT NAME :

WISDOT/CADDS SHEET 44



FILE NAME : N:\PDS\C3D\91602030\SHEETSPLAN\050201-PN.DWG LAYOUT NAME - 050207-pn PLOT DATE : 11/18/2019 1:39 PM PLOT BY : MARTIN, THOMAS S PLOT NAME :

WISDOT/CADDS SHEET 44

FILE NAME : N:\PDS\C3D\91602030\SHEETSPLAN\050201-PN.DWG LAYOUT NAME - 050211-pn

PLOT BY : DANKE, ERIC A PLOT DATE : 4/2/2020 9:04 AM

Standard Detail Drawing List

08D01-20A	CONCRETE CURB & GUTTER
08D01-20B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08E10-02	INLET PROTECTION TYPE A, B, C AND D
13A11-03A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-03B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13B01-10	PAVEMENT DETAILS FOR RAILROAD APPROACH
13C19-01	HMA LONGITUDINAL JOINTS
14B29-01	SAFETY EDGE
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C02-07A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-07B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-07C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNI
15C08-19A	LONGITUDINAL MARKING (MAINLINE)
15C09-11A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSS
15C11-07B	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)
15D28-03	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS

NDIVIDED ROAD OPEN TO TRAFFIC

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- SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT. PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION
- INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB &
- WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT
- UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-O" BEHIND THE BACK OF CURBS.
- (2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- (3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED
- (4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- (6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.
- (8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC

PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'

* BIKE LANE IS NOT SHOWN.

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CONCRETE CURB & GUTTER

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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SDD 13A11

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DEPARTMENT OF TRANSPORTATION

SDD 13A11 . **03b**

TYPICAL PAVEMENT CROSS SECTION OF NOTCHED WEDGE LONGITUDINAL JOINTS

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GENERAL NOTES

CONFORM TO STANDARD SPECIFICATION 450.3.2.8

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HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2019 DATE

/S/ Steven Hefel HMA PAVEMENT ENGINEER SDD 13C19 - 01

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FLEXIBLE MARKER POST

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FOR CULVERT END

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SUPPORTS.

FULL ROAD CLOSURES.

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

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

- ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW: R11 - 2 SHALL BE 48" X 30"
 - R11 3 SHALL, R11 4 AND R10 61 SHALL BE 60 " X 30" M4 - 9 SHALL BE 30" X 24"
 - M3 X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
 - M4 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)

 - D1 X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
 - R1 1 SHALL BE 36" X 36"
- (1)TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING
- (2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.
- (3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".
- (4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".
- (5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.
- (6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE SIGNS AS SHOWN.
- (7)"EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

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November 2018 DATE

WORK ZONE ENGINEER

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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.

ARROW SYMBOL () SHOWS DIRECTION OF TRAVEL

LEGEND

"T" MARKING

POST MOUNTED SIGN

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LONGITUDINAL MARKING (MAINLINE)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

7/2018 /S/ Matthew R. Rauch DATE STATE SIGNING AND MARKING ENGINEER

FHWA

8-19a C 15 Δ Δ S

Posted Speed (M.P.H.)	Dimension Range (Feet)
25	150*- 250
30	200*- 300
35	250 * - 450
40	300*- 500
45	400 [*] - 650
50	550 * - 800
55	750 * - 1000
60	1000 * - 1250
65	1000 * - 1250

AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSE PROXIMITY OF DRIVEWAYS, BRIDGES, SIDEROADS OR OTHER FEATURES THAT WOULD PROHIBIT

> SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS

> > STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

Sept., 2017 DATE STATE SIGNING AND MARKING ENGINEER

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FHWA

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 June 2017 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER

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(INTERSECTIONS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

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

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

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

PORTABLE SUPPORTS.

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ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

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

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY RESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

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DEPARTMENT OF TRANSPORTATION

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SDD 15D38 - 02b

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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 ON THE BOLTS.

WOOD POST (4" x 6") LAG SCREWS - ½" x 3" MACHINE BOLTS - 「½6" x 6 ½" OR 7" LENGTH W/NUTS

SQUARE STEEL POST (2" x 2") MACHINE BOLTS - ¾" x 3 ¼" LENGTH W/NUTS RIVETS - ½" (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 ½" 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.

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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

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

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