

RHI

Section No.	1	Title
Section No.	2	Typical Sections and Details (Includes Erosion Control)
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No	0	Computer Earthwork Data

Section No.	9	Computer Earthwork E
Section No	9	Cross Sections

TOTAL SHEETS = 44

NOVEMBER 2023

ORDER OF SHEETS

DESIGN DESIGNATION

A.A.D.T.	(2024)	=	2200
A.A.D.T.	(2044)	=	3300
D.H.V.	(2044)	=	390
D.D.		=	60/40
т.		=	10%
DESIGN SPEED		=	55 MPH
ESALS		=	650,000

CONVENTIONAL SYMBOLS

PLAN CORPORATE LIMITS	<u>'//////</u>
PROPERTY LINE	
LOT LINE LIMITED HIGHWAY EASEMENT EXISTING RIGHT OF WAY PROPOSED OR NEW R/W LINE	L
SLOPE INTERCEPT	
REFERENCE LINE	300'EB'
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	-caution-
MARSH AREA	
WOODED OR SHRUB AREA	{

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

POWER POLE

TELEPHONE POLE



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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STH 153 - WESTON

(STH 153 TO STH 29)

CTH J MARATHON COUNTY



FILE NAME : R:\PROJECTS\M97040 MARATHON CO HWY - CTH J RECONDITIONING\SHEETSPLAN\DETAILS\M97040_TITLE SHEET.DW

STATE PROJECT	FEDERAL PROJEC	T
STATETROJECT	PROJECT	CONTRACT
6656-00-73	WISC 2024029	1
	ACCEPTED FOR	
	OUNTY ofMA	RATHON
	7/28/23 James G	riesbach
	(Date) (Highway Cor	nmissioner)
	ORIGINAL PLANS PREPARED	ВҮ
		_
	1 TE M/EI	
	JLIILL	
	associates engineers	s, inc
	Engineers - Architects - Su	rveyors
	ISCONS.	11,
28-N		11
7-N		W
	E-48548	a =
	PORT EDWARDS,	EE
EXCEPTION TO	ONAL EN	·//
CENTERLINE LENGTH	Milling	3
STA. 46+61.08 - STA. 49+28.85	7/20/0	,
	e d	
	STATE OF WISCONS	
	PREPARED BY	ENGINEERS INC
	Designer JEWELL ASSOCIATES	ENGINEERS, INC.
	Project Manager MICHAEL GR/	AGE, P.E.
	Regional Examiner NC REG	ON
	Regional Supervisor DAN ERVA	м, Р.Е.
URVEY FEET.		
DISTANCES.	APPROVED FOR THE DEPARTMENT	
DRTH	DATE: 0/29/2023 (Signature)	et a
		E
PIOT SCALE · 1" = 1'		0.2 ML

GENERAL NOTES NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE FIRST BEEN INDICATED

WHEN THE QUANTITY OF THE ITEM OF BASE AGGREGATE DENSE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD

HMA PAVEMENT QUANTITIES WERE CALCULATED USING 112 LB/SY/IN.

PAVING LIMITS AT INTERSECTIONS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE EXACT LOCATIONS AND LIMITS OF PRIVATE ENTRANCES, COMMERCIAL, AND FIELD ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

APPLY TACK COAT AT A RATE OF 0.06 GAL/SY BETWEEN LAYERS OF HMA PAVEMENT.

THE LOW SIDE SHOULDER SLOPE ON SUPERELEVATED SECTIONS EQUALS THE SUPERELEVATION WHEN THE SUPERELEVATION IS GREATER THAN 0.04 FT./FT. IF THE SUPERELEVATION IS LESS THAN OR EQUALS 0.04 FT./FT., THEN THE LOW SIDE SHOULDER SLOPE IS 0.04 FT./FT. THE HIGH SIDE SHOULDER SLOPE ON THE SUPERELEVATED SECTION EQUALS THE SUPERELEVATION.

CURVE DATA IS BASED ON THE ARC DEFINITION.

FOR REMOVAL BY THE ENGINEER IN THE FIELD.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT. ALL SIGNS RELATING TO THIS OPERATION SHALL BE COVERED OR REMOVED AND FACILITY **RESTORED TO NORMAL OPERATIONS.**

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR 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.

IF THERE ARE CONFLICTS WITH SIGNS OR OTHER WORK UNDER THIS PROJECT, THE CONTRACTOR WILL WORK AROUND THE UTILITY FACILITIES.

ALL RADII DIMENSIONS ON THE PLAN FOR CURB AND GUTTER ARE TO THE FLANGE OF THE CURB & GUTTER UNLESS OTHERWISE NOTED. DOCUMENT CONCRETE CURB AND GUTTER FLANGE LINE ELEVATION PRIOR TO CURB AND GUTTER REMOVAL. MATCH EXISTING FLANGE LINE ELEVATIONS IN AREAS OF CONCRETE CURB AND **GUTTER REPLACEMENT**

COORDINATES AND BEARINGS ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), MARATHON COUNTY.

FERTILIZER, SEED, TOPSOIL, EROSION MAT, AND SILT FENCE SHALL BE PLACED AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER IN THE FIELD. SILT FENCE SHALL BE PLACED PRIOR TO CONSTRUCTION AND IN PLACE PRIOR TO STRUCTURE REMOVAL.

WAUSAU, WI 54402-1166 PH: (715) 848-7405 CELL: (715) 573-0349 EMAIL JESSE.PATTEN@WISCONSINPUBLICSER COMMUNICATIONS ASTREA ATTN: ANDY HEIGL 105 KENT ST IRON MOUNTAIN, MI 49801 CELL: (906) 221-7536 EMAIL: ANDY.HEIGL@ASTREACONNECT.COM CHARTER COMMUNICATIONS ATTN: IOF HANSON

7575 BOMBARDIER CT WAUSAU, WI 54401 PH: (715) 492-9331 EMAIL: JHANSON@PUSH.US

FRONTIER COMMUNICATIONS ATTN: CHAD SCHMIDT 330 BLACKBURN STREET RIPON, WI 54971 PH: (920) 872-2902 CELL: (715) 571-6901 EMAIL: CHAD.SCHMIDT@JSITEL.COM

TDS TELECOM ATTN: ROD HEINZ 525 JUNCTION RD MADISON, WI 53717 PH: (608) 664-4971 EMAIL: ROD.HEINZ@TDSTELECOM.COM

CONTA	CTS		
WISCONSIN DEPARTMENT OF TRANSPORTATION:	DESIGN CONSULTANT:	ABUT	Abutmer
WISCOTSIN DEPARTMENT OF TRANSPORTATION. WISDOT LOCAL PROGRAM PROJECT MANAGER 210 HANSON LAKE ROAD RHINELANDER, WI 54501 ATTN: MICHAEL GRAGE, P.E. PH: (715) 365-5705 EMAIL: MICHAEL.GRAGE@DOT.WI.GOV	JEWELL ASSOCIATES ENGINEERS, INC. 310 EAST JACKSON STREET WISCONSIN RAPIDS, WI 54494 ATTN: NICK PEHLER, P.E. PH: (715) 318-8565 EMAIL: NICK.PEHLER@JEWELLASSOC.COM WDNR LIAISON: STATE OF WISCONSIN DNR CENTRAL REGION 625 EAST COUNTY ROAD Y, SUITE 700 OSHKOSH, WI 54901 ATTN: CASEY JONES	AC AGG AH < ASPH AVG ADT BAD BK BF BM BR C or C/L CC C.E.	Acre Aggregat Ahead Angle Asphaltic Average Base Agg Back Back Fac Bench M Bridge Center Li Center to Commer
UTILITI	PH: (715) 213-6571 EMAIL: CASEY.JONES@WISCONSIN.GOV	CTH CR CR CY or CU YD CP C & G	County T Creek Crushed Cubic Ya Culvert F Curb and
ELECTRICITY	NATURAL GAS	D	Degree o
WISCONSIN PUBLIC SERVICE CORPORATION ATTN: JESSE PATTEN PO BOX 166 WAUSAU, WI 54402-1166 PH: (715) 848-7405 CELL: (715) 573-0349	TC ENERGYATTN: TODD BRISTER W3925 PIPELINE LANE EDEN, WI 53019 PH: (920) 477-2235 CELL: (920) 979-0060 EMAIL: TODD_BRISTER@TCENERGY.COM	DIA E X ELEC EL or ELEV ESALS	Diameter East East Grid Electric (Elevatior Equivale
COMMUNICATIONS ASTREA ATTN: ANDY HEIGL 105 KENT ST IRON MOLINTAIN, MI 49801	WISCONSIN PUBLIC SERVICE CORPORATION ATTN: TYLER DAHLSTROM PO BOX 1166 WAUSAU, WI 54402 PH: (715) 848-7387 CELL: (715) 432-9212	EBS FF F.E. FG FL or F/L FT	Excavatic Subgrade Face to F Field Ent Fill Finished Flow Line Foot
		L ETC	Footing

GN

HT

CWT

HYD

INL

ID

Height

Inlet

INV nt IP IRS JT JCT LHF Daily Traffic LIN regate Dense or L LC MH MB ark ML Ν o Center ÖD cial Entrance PLE Frunk Highway РΤ PC rd Ы PRC Gutter of Curve РΤ our Volume POC PO PVC Coordinate PCC LB PSI ent Single Axle P.E. on Below R RR ace ance RL (RP Grade RCC REC RES Grid North RW RT RH Hundredweight R/W Hydrant RD Inside Diameter R

- GENERAL NOTES, UTILITIES, & ABBREVIATIONS PROJECT OVERVIEW - TYPICAL SECTIONS - CONSTRUCTION DETAILS - INTERSECTION DETAILS - EROSION CONTROL DETAILS - TRAFFIC CONTROL PLAN

				A	Ą
			SLOPE	RANG	E (PERCENT)
		LAND USE	0-2	2-6	6 & OVER
		ROW CROPS	.08 .22	.16 .30	.22 .38
		MEDIAN STRIP TURF	.19 .24	.20 .26	.24 .30
		SIDE SLOPE TURF			.25 .32
		PAVEMENT			
		ASPHALT			
		CONCRETE			
		DRIVES WALKS			
		ROOFS			
		GRAVEL ROADS, S	HOULD	DERS	
		TOTAL PROJECT A TOTAL AREA EXPE	REA= 9 CTED 1	01.6 AC TO BE E	RES DISTURBED B
GENERAL NOT	ES				

FILE NAME R:\PROJECTS\M97040 MARATHON CO HWY - CTH J RECONDITIONING\SHEETSPLAN\DETAILS\M97040 GEN NOTES DWG

HWY: CTH J

PROJECT NO: 6656-00-73

COUNTY: MARATHON

Dial [31] or (800) 242-8511

www.DiggersHotline.com

PLOT DATE 9/12/2023 9:35:21 AM

PLOT BY : NICK PEHLER

LIST OF STANDARD ABBREVIATIONS

	Invert	RDWY	Roadway
	Iron Pipe or Pin	SALV	Salvaged
	Iron Rod Set	SAN S	Sanitary Sewer
	Joint	SEC	Section
	Junction	SHLDR	Shoulder
	Left-Hand Forward	SHR	Shrinkage
	Length of Curve	SW	Sidewalk
FT	Linear Foot	S	South
F		so	Square
	Long Chord of Curve	SF or SQ FT	Square Feet
	Manhole	SY or SQ YD	Square Yard
	Mailbox	STD	Standard
or M/L	Match Line	SDD	Standard Detail Drawings
	North	STH	State Trunk Highways
	North Grid Coordinate	STA	Station
	Outside Diameter	SS	Storm Sewer
	Permanent Limited	SG	Subgrade
	Point	SE	Superelevation
	Point of Curvature	SL or S/L	Survey Line
	Point of Intersection	SV	Septic Vent
	Point of Reverse	т	Tangent
	Curvature	TEL	Telephone
	Point of Tangency	TEMP	Temporary
2	Point On Curve	TI	Temporary Interest
-	Point on Tangent	TLE	Temporary Limited
	Polyvinyl Chloride		Easement
	Portland Cement	t	Ion
	Pound	T or TN	Town
	Pounds Per Square Inch	TRANS	Transition
	Private Entrance	TL or T/L	Transit Line
	Radius	Т	Trucks (percent of)
	Railroad	ТҮР	Typical
	Range	UNCL	Unclassified
or R/L	Reference Line	UG	Underground Cable
-	Reference Point	USH	United States Highway
P	Reinforced Concrete	VAR	Variable
	Cuivert Pipe	V	Velocity or Design Speed
ĮD	Required Desidence or Desidential	VERI	Vertical
	Residence of Residential	VC	Vertical Curve
	Dight	VUL	volume
	Night Hand Forward		water Waln
	Right-of-Way		Water valve
v	Deed	WR	Westhound
	Rodu	VD VD	Vard
	NIVEI		1010

ORDER OF SECTION 2 SHEETS:

			HYDROLOGIC	SOIL	GROUP				
	В				(2	D		
IT)	SLOPE	RANG	E (PERCENT)	SLOPE	RANG	ie (Percent)	SLOPE RANGE (PERCENT		
R	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
			.27 .34			.28 .36			.30 .38
.7095 .8095 .7080 .7585 .7595									

LAYOUT: LAYOUT1

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R:\PROJECTS\M97040 MARATHON CO HWY - CTH J RECONDITIONING\SHEETSPLAN\DETAILS\M97040_OVERVIEW.DWG

7/28/2023 6:52:13 AM PLOT DATE :

PLOT BY : NICK PEHLER



FILE NAME : R:\PROJECTS\M97040 MARATHON CO HWY - CTH J RECONDITIONING\SHEETSPLAN\TYPICALS\M97040_TYPICAL SECTIONS.DWG

PLOT DATE : 7/31/2023 5:29:25 AM

-		2	
VARIES			
-			
		_	
PLOT SCALE: 1:6 LAYOUT: 1E	KISTING	E	



FILE NAME : R:\PROJECTS\M97040 MARATHON CO HWY - CTH J RECONDITIONING\SHEETSPLAN\TYPICALS\M97040_TYPICAL SECTIONS.DWG

PLOT DATE : 7/31/2023 5:29:28 AM

PLOT BY : NICK PEHLER

		2
١E		
MAX		
	VARIES	
#	DO NOT INSTALL RUMBLE STRIPS IN THE NOTED STATION RANGE	
Δ	ASPHALTIC SHOULDER RUMBLE STRIPS SHOULDER SINUSOIDAL REQ'D.	
●	PULVERIZE TO 7" DEPTH OR TO EXISTING BASE MATERIAL WHICHEVER IS GREATER	
		1
	>>	
	>>	
AX.	VARIES	
*	SEE SUPERELEVATION TABLE	
Δ	ASPHALTIC SHOULDER RUMBLE STRIPS SHOULDER SINUSOIDAL REQ'D.	
Ð	PULVERIZE TO 7" DEPTH OR TO EXISTING BASE MATERIAL WHICHEVER IS GREATER	
	SHEET E	1

LAYOUT : 1 PROPOSED





SUPERELEVATION TABLE-CURVE 1

STATION			COMMENT
STATION			CONTINENT
60+88	2.0	2.0	END NORMAL CROWN - BEGIN SUPER
61+00	2.0	1.5	
61+39	2.0	0.0	
61+50	2.0	0.4	
61+90	2.0	2.0	R.C.
62+00	2.4	2.4	
62+34	3.7	3.7	P.C. STATION
62+50	4.4	4.4	
62+82	5.6	5.6	BEGIN FULL SUPER
	F	ULL SUPER	ELEVATION
70+43	5.6	5.6	END FULL SUPER
70+50	5.3	5.3	
70+91	3.7	3.7	P.T. STATION
71+00	3.4	3.4	
71+35	2.0	2.0	R.C.
71+50	2.0	1.4	
71+86	2.0	0.0	
72+00	2.0	0.5	
72+37	2.0	2.0	BEGIN NORMAL CROWN - END SUPER

SUPERELEVATION TABLE-CURVE 2

STATION LEFT(%) RIGHT(%) COMMENT 136+61 2.0 2.0 END NORMAL CROWN - BEGIN SUPER 137+00 0.5 2.0 END NORMAL CROWN - BEGIN SUPER 137+12 0.0 2.0 Image: Comment of the second se				
136+61 2.0 2.0 END NORMAL CROWN - BEGIN SUPER 137+00 0.5 2.0 1 137+12 0.0 2.0 1 137+50 1.5 2.0 1 137+63 2.0 2.0 R.C. 137+66 2.1 2.1 P.C. STATION 137+94 3.2 3.2 BEGIN FULL SUPER FULL SUPERLEVATION 142+91 3.2 3.2 END FULL SUPER 143+00 2.8 2.8 1 143+18 2.1 2.1 P.T. STATION 143+20 0.9 2.0 R.C. 143+50 0.9 2.0 1 143+73 0.0 2.0 1	STATION	LEFT(%)	RIGHT(%)	COMMENT
137+00 0.5 2.0 137+12 0.0 2.0 137+50 1.5 2.0 137+63 2.0 R.C. 137+66 2.1 2.1 P.C. STATION 137+94 3.2 3.2 BEGIN FULL SUPER FULL SUPERLEVATION 142+91 3.2 3.2 END FULL SUPER 143+00 2.8 2.8 143+18 2.1 2.1 P.T. STATION 143+21 2.0 2.0 R.C. 143+50 0.9 2.0 143+73 0.0 2.0	136+61	2.0	2.0	END NORMAL CROWN - BEGIN SUPER
137+12 0.0 2.0 137+50 1.5 2.0 137+63 2.0 2.0 137+64 2.1 2.0 137+66 2.1 2.1 137+94 3.2 3.2 BEGIN FULL SUPER FULL SUPERELEVATION 142+91 3.2 3.2 143+00 2.8 2.8 143+18 2.1 2.1 143+21 2.0 2.0 143+50 0.9 2.0	137+00	0.5	2.0	
137+50 1.5 2.0 137+63 2.0 2.0 R.C. 137+66 2.1 2.1 P.C. STATION 137+94 3.2 3.2 BEGIN FULL SUPER FULL SUPERELEVATION 142+91 3.2 3.2 END FULL SUPER 143+00 2.8 2.8 143+18 2.1 P.T. STATION 143+21 2.0 2.0 R.C. 143+50 0.9 2.0 143+73 0.0 2.0 Image: state stat	137+12	0.0	2.0	
137+63 2.0 2.0 R.C. 137+66 2.1 2.1 P.C. STATION 137+94 3.2 3.2 BEGIN FULL SUPER FULL SUPERELEVATION 142+91 3.2 3.2 END FULL SUPER 143+00 2.8 2.8 143+18 2.1 2.1 P.T. STATION 143+21 2.0 2.0 R.C. 143+50 0.9 2.0 143+73 0.0 2.0 Image: state st	137+50	1.5	2.0	
137+66 2.1 2.1 P.C. STATION 137+94 3.2 3.2 BEGIN FULL SUPER FULL SUPERLEVATION 142+91 3.2 3.2 END FULL SUPER 143+00 2.8 2.8 143+18 2.1 2.1 P.T. STATION 143+21 2.0 2.0 R.C. 143+50 0.9 2.0	137+63	2.0	2.0	R.C.
137+94 3.2 3.2 BEGIN FULL SUPER FULL SUPERLEVATION 142+91 3.2 3.2 END FULL SUPER 143+00 2.8 2.8 143+18 2.1 2.1 P.T. STATION 143+21 2.0 2.0 R.C. 143+50 0.9 2.0	137+66	2.1	2.1	P.C. STATION
FULL SUPERELEVATION 142+91 3.2 3.2 END FULL SUPER 143+00 2.8 2.8 143+18 2.1 2.1 P.T. STATION 143+21 2.0 2.0 R.C. 143+50 0.9 2.0	137+94	3.2	3.2	BEGIN FULL SUPER
142+91 3.2 3.2 END FULL SUPER 143+00 2.8 2.8 143+18 2.1 2.1 P.T. STATION 143+21 2.0 2.0 R.C. 143+50 0.9 2.0		F	ULL SUPER	ELEVATION
143+00 2.8 2.8 143+18 2.1 2.1 P.T. STATION 143+21 2.0 2.0 R.C. 143+50 0.9 2.0 143+73	142+91	3.2	3.2	END FULL SUPER
143+18 2.1 2.1 P.T. STATION 143+21 2.0 2.0 R.C. 143+50 0.9 2.0 Image: Comparison of the state o	143+00	2.8	2.8	
143+21 2.0 2.0 R.C. 143+50 0.9 2.0	143+18	2.1	2.1	P.T. STATION
143+50 0.9 2.0 143+73 0.0 2.0	143+21	2.0	2.0	R.C.
143+73 0.0 2.0	143+50	0.9	2.0	
	143+73	0.0	2.0	
144+00 1.1 2.0	144+00	1.1	2.0	
144+24 2.0 2.0 BEGIN NORMAL CROWN - END SUPER	144+24	2.0	2.0	BEGIN NORMAL CROWN - END SUPER

SUPERELEVATION TABLE-CURVE 3

STATION	LEFT(%)	RIGHT(%)	COMMENT
267+02	2.0	2.0	END NORMAL CROWN - BEGIN SUPER
267+50	0.0	2.0	
267+53	0.0	2.0	
268+00	1.9	2.0	
268+04	2.0	2.0	R.C.
268+50	3.8	3.8	
268+55	4.0	4.0	P.C. STATION
269+00	5.8	5.8	
269+06	6.0	6.0	BEGIN FULL SUPER
	F	ULL SUPER	ELEVATION
272+74	6.0	6.0	END FULL SUPER
273+00	5.0	5.0	
273+25	4.0	4.0	P.T. STATION
273+50	3.0	3.0	
273+76	2.0	2.0	R.C.
274+00	1.1	2.0	
274+27	0.0	2.0	
274+50	0.9	2.0	
274+78	2.0	2.0	BEGIN NORMAL CROWN - END SUPER

PROJECT NO: 6656-00-73	HWY: CTH J	COUNTY: MARATHON	TYPICAL SECTIONS	
FUE NAME		0/11/2022 1-50-10 PM	DLOT DV NUCK DELUCD	

2

SUPERELEVATION TABLE-CURVE 4

STATION	LEFT(%)	RIGHT(%)	COMMENT
333+04	2.0	2.0	END NORMAL CROWN - BEGIN SUPER
333+50	2.0	0.2	
333+55	2.0	0.0	
334+00	2.0	1.8	
334+06	2.0	2.0	R.C.
334+50	3.7	3.7	
334+57	4.0	4.0	P.C. STATION
335+00	5.7	5.7	
335+08	6.0	6.0	BEGIN FULL SUPER
	F	ULL SUPER	ELEVATION
338+99	6.0	6.0	END FULL SUPER
339+00	6.0	6.0	
339+50	4.0	4.0	P.T. STATION
340+00	2.0	2.0	
340+01	2.0	2.0	R.C.
340+50	2.0	0.0	
340+52	2.0	0.0	
341+00	2.0	1.9	
341+03	2.0	2.0	BEGIN NORMAL CROWN - END SUPER

SHEET	
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PLOT SCALE : 1:6

LAYOUT : 2 PROPOSED

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FILE NAME : R:\PROJECTS\M97040 MARATHON CO HWY - CTH J RECONDITIONING\SHEETSPLAN\DETAILS\M97040_CONSTRUCTION DETAILS.DWG LAYOUT NAME - CD 1





PLOT SCALE : 1" = 1'

Ε



LAYOUT NAME - CD 3

PLOT SCALE : 1" = 1'



FILE NAME : R:\PROJECTS\M97040 MARATHON CO HWY - CTH J RECONDITIONING\SHEETSPLAN\DETAILS\M97040_INTERSECTION DETAILS.DWG

PLOT DATE : 9/1/2023 9:16:29 AM

CURVE 5 PI STA. = 100+58.52 Y = 149,518.55 X = 325,595.52 R = 150.00 D = 38°11'50"	N	2
DELTA = 15°18'40" L = 40.08 T = 20.16 C = 39.97 PC STA. = 100+38.35 Y = 149,513.30 X = 325,576.06 PT STA. = 100+78.44 Y = 149,518.47 X = 325,615.69 S.E. = NORMAL CROWN R.O. = N/A TPANS = N/A	9 	
IRANS. = N/A		
I M KLINE		
	SHEET E	
PLOT SCALE : 1 IN : 40 FT	LAYOUT : INT DET 1	-



 126+00 127
SHEET E

GENERAL NOTES FOR TRAFFIC CONTROL

THE EXACT LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

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

ALL "W" AND "WO" SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED.

2

ALL ROADS AND STREETS WITHIN THE WORK ZONES SHALL BE KEPT ACCESSIBLE FOR EMERGENCY VEHICLES, RESIDENTS AND BUSINESSES.

ANY STOP SIGNS WHICH ARE REMOVED FOR A CONSTRUCTION OPERATION SHALL BE IMMEDIATELY **RE-ESTABLISHED**

ALL SIGN LAYOUT SHALL BE IN ACCORDANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND MAINTAIN ACCESS TO ALL PROPERTY ABUTTING THE ROADWAY CONSTRUCTION WORK THROUGHOUT THE LIFE OF THE PROJECT.

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY BARRICADES, SIGNS, LIGHTS, FLAGGERS, AND SUCH OTHER SAFETY DEVICES AS CALLED FOR ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200' CLEARANCE TO EXISTING SIGNS.

DURING NIGHT SHUTDOWN, ONE LANE IN EACH DIRECTION MUST REMAIN OPEN TO LOCAL TRAFFIC.

DURING HOURS OF DARKNESS, ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH TYPE "A" (LOW INTENSITY FLASHING) LIGHTS.

DRAWINGS SHOW TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON CONTRACTOR'S METHODS OR SEQUENCES OF OPERATION.

ROAD MACHINERY, FLAGGERS AHEAD, ETC. SIGNS SHALL BE USED AS NEEDED AND SHALL BE REMOVED OR COVERED AT NIGHTS, ON WEEKENDS OR WHEN THE ACTIVITY DOES NOT EXIST.

ADDITIONAL DRUMS OR TYPE III BARRICADES MAY BE REQUIRED ADJACENT TO DROP-OFFS, OPEN TRENCHES, OR PROTRUSIONS. COST TO BE INCLUDED WITH OPERATION WHICH CREATES THE HAZARD.

DRUMS PLACED ADJACENT TO WORK AREAS SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

PORTABLE CHANGEABLE MESSAGE BOARD TO BE PLACED TWO WEEKS PRIOR TO CONSTRUCTION STARTING. PCMS MESSAGE TO INCLUDE

FIRST FRAME	SECOND FRAM
ROAD	XXXXDAY
то	XX/XX
CLOSE	

PROJECT NO:

6656-00-73



HWY: CTH J

PLOT DATE : 8/1/2023 11:06 AM PLOT BY :



FILE NAME : R:\PROJECTS\M97040 MARATHON CO HWY - CTH J RECONDITIONING\SHEETSPLAN\DETAILS\M97040_TRAFFIC CONTROL.DWG LAYOUT NAME - 02



FILE NAME : R:\PROJECTS\M97040 MARATHON CO HWY - CTH J RECONDITIONING\SHEETSPLAN\DETAILS\M97040_TRAFFIC CONTROL.DWG LAYOUT NAME - 03 PLOT DATE : 8/1/2023 11:06 AM

PLOT BY : NICK PEHLER

PLOT NAME :



PLOT BY : NICK PEHLER



R:\PROJECTS\M97040 MARATHON CO HWY - CTH J RECONDITIONING\SHEETSPLAN\DETAILS\M97040_TRAFFIC CONTROLDWG LAYOUT NAME - 05 FILE NAME :

2

WISDOT/CADDS SHEET 42

Estimate Of Quantities

					6656-00-73	
Line	Item	Item Description	Unit	Total	Qty	
0002	204.0110	Removing Asphaltic Surface	SY	3,100.000	3,100.000	
0004	204.0150	Removing Curb & Gutter	LF	134.000	134.000	
0006	205.9016.S	Grading Shaping and Finishing Intersection (location) 01. CTH J & CTH Q	EACH	1.000	1.000	
8000	213.0100	Finishing Roadway (project) 01. 6656-00-73	EACH	1.000	1.000	
0010	305.0110	Base Aggregate Dense 3/4-Inch	TON	6,630.000	6,630.000	
0012	325.0100	Pulverize and Relay	SY	133,900.000	133,900.000	
0014	374.1020.S	QMP Pulverize and Relay Compaction	SY	133,900.000	133,900.000	
0016	455.0605	Tack Coat	GAL	8,300.000	8,300.000	
0018	460.2000	Incentive Density HMA Pavement	DOL	21,000.000	21,000.000	
0020	460.6222	HMA Pavement 2 MT 58-28 S	TON	23,150.000	23,150.000	
0022	460.6225	HMA Pavement 5 MT 58-28 S	TON	9,650.000	9,650.000	
0024	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	160.000	160.000	
0026	465.0315	Asphaltic Flumes	SY	12.000	12.000	
0028	465.0525	Asphaltic Rumble Strips, Shoulder Sinusoidal	LF	58,300.000	58,300.000	
0030	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	139.000	139.000	
0032	618.0100	Maintenance And Repair of Haul Roads (project) 01. 6656-00-73	EACH	1.000	1.000	
0034	619.1000	Mobilization	EACH	1.000	1.000	
0036	624.0100	Water	MGAL	650.000	650.000	
0038	628.1504	Silt Fence	LF	225.000	225.000	
0040	628.1520	Silt Fence Maintenance	LF	450.000	450.000	
0042	628.1905	Mobilizations Erosion Control	EACH	3.000	3.000	
0044	628.1910	Mobilizations Emergency Erosion Control	EACH	3.000	3.000	
0046	628.2027	Erosion Mat Class II Type C	SY	30.000	30.000	
0048	642.5001	Field Office Type B	EACH	1.000	1.000	
0050	643.0420	Traffic Control Barricades Type III	DAY	1,488.000	1,488.000	
0052	643.0705	Traffic Control Warning Lights Type A	DAY	2,976.000	2,976.000	
0054	643.0900	Traffic Control Signs	DAY	4,340.000	4,340.000	
0056	643.0920	Traffic Control Covering Signs Type II	EACH	5.000	5.000	
0058	643.1050	Traffic Control Signs PCMS	DAY	28.000	28.000	
0060	643.5000	Traffic Control	EACH	1.000	1.000	
0062	646.1020	Marking Line Epoxy 4-Inch	LF	113,857.000	113,857.000	
0064	646.6120	Marking Stop Line Epoxy 18-Inch	LF	22.000	22.000	
0066	648.0100	Locating No-Passing Zones	MI	7.500	7.500	
0068	650.8000	Construction Staking Resurfacing Reference	LF	39,570.000	39,570.000	
0070	650.9911	Construction Staking Supplemental Control (project) 01. 6656-00-73	EACH	1.000	1.000	
0072	690.0150	Sawing Asphalt	LF	730.000	730.000	
0074	740.0440	Incentive IRI Ride	DOL	30,000.000	30,000.000	
0076	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	2,400.000	2,400.000	
0078	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	1,980.000	1,980.000	

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PULVERIZE AND RELAY

BASE AGGREGATE DENSE 3/4-INCH

STATION - STATION	LOCATION	(SY)									
10+00 - 10+50	CTH J	155			305.0110						325.0100
10+15	CTH J, LT (P.E.)	34	STATION - STATION	LOCATION	(TON)		STATION - STA	TION	LOCATION		(SY)
10+30	CTH J, LT (P.E.)	58	10+00 - 408+40	CTH J, LT	3100		10+00 - 46+	60	CTH J		12500
13+53	CTH J, LT (P.E.)	66	10+00 - 408+40	CTH J, RT	3110		49+30 - 408+	-40	CTH J		119740
22+96	CTH J, RT (P.E.)	60	100'A'+50 - 101'A'+50	CTH Q, LT	10		36+06	СТ	H J, LT (KRISTOF	RD)	340
23+03		136	101'A'+05 - 101'A'+50	CTH Q, RT	5		61+68	C ⁻	TH J, LT (BAILEY	LN)	105
23+93		35	-	DRIVEWAYS	405		242+46	СТ	H J, RT (MARTIN	RD)	215
26+26		42		70741			000.40	0711			400
20+20		329		TOTAL =	6630		296+19	CTHJ	, RT (TIMBER RID		100
39+33		45					321+07		I J, LI (KELLNER		100
00.00	01110, 21 (1.2.)						349+00 100'A'+16 101			SE LIN)	660
46+10 - 46+60	СТН Ј	135					100 A +10 - 101	A +50	CIEQ	_	000
49+30 - 49+80	CTH J	135							т		133900
54+43	CTH J, RT (P.E.)	80									100000
61+68	CTH J, LT (BAILEY LN)	104									
68+82	CTH J, LT (P.E.)	54									
196+95	CTH J, LT (P.E.)	60									
226+73	CTH J, LT (P.E.)	66				•					
239+72	CTH J, LT (P.E.)	46									
242+46	CTH J, RT (MARTIN RD)	212									
247+54	CTH J, LT (P.E.)	42									
257+43	CTH J, RT (P.E.)	48			HMA F	PAVEMEN	Т				
263+26	CTH J, RT (P.E.)	52									
295+19	CTH J, RT (TIMBER RIDGE LN)	95				455.0605	460.6222	460.6225	465.0120		
309+44	CTH J, LT (P.E.)	60							ASPHALTI	с	
317+52	CTH J, RT (P.E.)	40					НМА	НМА	SURFACE	-	
						TACK	PAVEMENT	PAVEMENT	DRIVEWAYS	AND	
321+67	CTH J, LT (KELLNER RD)	100				COAT	2 MT 58-28 S	5 MT 58-28 S	FIELD ENTRAM	NCES	
322+82	CTH J, LT (P.E.)	33	STATION - STATIC	N LOCATI	ON	(GAL)	(TON)	(TON)	(TON)		
325+12	CTH J, LT (P.E.)	33	10+00 - 46+60	CTH 、	J	750	2110	885			
327+84	CTH J, RT (P.E.)	30	49+30 - 408+40	СТН 、	J	7451	20750	8645			
330+32	CTH J, LT (P.E.)	58	35+05	CTH J, RT (KRI	ISTOF RD)	20	60	25			
			61+68	CTH J, LT (BA	ILEY LN	6	17	7			
346+07	CTH J, LT (P.E.)	55	242+46	CTH J, RT (MA	RTIN RD)	14	40	17			
349+66	CTH J, RT (WHITEHORSE LN)	134									
367+37	CTH J, LT (P.E.)	28	295+19	CTH J, RT (TIMBE	R RIDGE LN)	6	16	7			
404+67	CTH J, RT (P.E.)	42	321+67	CTH J, LT (KEL	LNER RD)	6	16	7			
407+15	CTH J, RT (P.E.)	44	349+66	CTH J, RT (WHITI	EHORSE LN)	8	25	10			
			374+36	CTH J, LT (WES	SNICK ST)	5	16	7			
407+90 - 408+40	CTH J	185	100'A'+17 - 101'A'+	50 CTH C	2	34	100	40			
101'A'+00 - 101'A'+50	CTH Q	160		DRIVEW	AYS				160		
	TOTAL =	3100		Bittetti					100		
					TOTALS =	8300	23150	9650	160		
REMO	VING CURB & GUTTER	-				GRA	ADING, SHA	PING, AND	FINISHING		
STATION - STAT	TION LOCATION (LF)					-					N UNLT - ITE
122+45 - 100'A'-	+87 SE QUADRANT 72								EROSION		SEEI
100'A'+42 - 123·	+80 NE QUADRANT <u>62</u>					E	XCAVATION		MAT CLASS I	FERTILIZE	ER MIXT
					205.	.9016.S	COMMON	TOPSOIL	URBAN TYPE B	TYPE B	NO
	TOTAL = 134		STATION - STATION	LOCATION	(E	ACH)	(CY)	(SY)	(SY)	(CWT)	(LI
			100'A'+17 - 101'A'+00	01. CTH J & CTH G	2	1	80	170	170	0.1	1
							1				
PROJECT NO: 6656-00)-73	HWY: CTH J		COUNTY: MARATH	ION		MISCELLA	NEOUS QUAI	NTITIES		
FILE NAME : R:\PROJECTS\M97040 MAI	RATHON CO HWY - CTH J RECONDITIONING\SHEET	SPLAN\DETAILS\M97040_MISC	QTYS.DWG		PLOT DATE : 9	9/12/2023 10:33 A	M PL	OT BY : NICK PE	HLER F	PLOT NAME :	

R:\PROJECTS\M97040 MARATHON CO HWY - CTH J RECONDITIONING\SHEETSPLAN\DETAILS\M97040 MISC QTYS.DWG FILE NAME : LAYOUT NAME - 01

REMOVING ASPHALTIC SURFACE

LOCATION

STATION - STATION

204.0110

PLOT DATE : 9/12/2023 10:33 AM PLOT BY : NICK PEHLER



6-INCH SLOPED 36-INCH TYPE D				TRAFF	IC CONTROL			
STATION - STATION LOCATION (LF) 122+27.50 - 101'A'+04.69 CTH Q, RT 71 123+74.71 - 100'A'+49.77 CTH Q, LT 68		643.0420 TRAFFIC CONTROL BARRICADES TYPE III	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A	643.0900 TRAFFIC CONTROL SIGNS	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II	643.1050 SIGNS PCMS	643.5000 TRAFFIC CONTROL	
TOTAL = 139		(DAY)	(DAY)	(DAY)	(EACH)	(DAYS)	(EACH)	COMMENT
	STH 153 W.B. STH 153 W.B.	-		 186 124	 1*	 	1 - -	<u>STH 153 & CTH J (SOUTH)</u> (1 EA) M3-1, M1-5A, W20-3; NORTH, J, 1 MI (1 EA) M3-3, M6-1; SOUTH, LA
	CTH J, N.B.	124	248	124				(2) R11-3; 1 MILE STH 153 & CTH J (NORTH)
	STH 153 E.B.			186				(1 EA) M3-1, M1-5A, W20-3; NORTH, J, AHI
	STH 153 E.B.			62	1*			(1) M6-1; RA
	STH 153 W.B. STH 152 W B			124	1^			(1 EA) M1-5A, W20-3; J, 1000 FI (1 EA) M1 5A, W20-3; J, 500 ET
SILT FENCE	STH 153 W.B.				 1*		-	(TEA) WIT-5A, W20-5, 5, 500 FT
	CTH J, N.B.	124	248	62				(1) R11-4
628.1504 628.152 SILT SILT FEN								<u>CTH J & CTH Q</u>
FENCE MAINTENA	CE CTH Q, S.B.	124	248	62			-	(1) R11-4
STATION - STATION LOCATION (LF) (LF)	CTH Q, S.B.	-		62	1*		-	(1) W20-3; AHEAD
100'A'+05 - 100'A'+53 CTH Q, LI 65 130 100'A'+55 - 100'A'+89 CTH Q. RT 60 120								CTH J & WESTON AVE
– UNDISTRIBUTED 100 200	WESTON AVE E.B.			186				(1 EA) M3-3, M1-5A, W20-3; SOUTH, J, AH
	WESTON AVE W.B.	-		186				(1 EA) M3-3, M1-5A, W20-3; SOUTH, J, AH
TOTALS = 225 450	CTH J S.B. CTH J S.B.	124	248	62 62				(1) R11-4 (1) W20-3: 500 FT
								STH 29 & CTH J
	CTH J. S.B.			62				(1) W20-3: 1000 FT
	CTH J, S.B.			62				(1) W20-3; AHEAD
	STH 29 E.B. (1 MI FROM RAMP)			186				(1 EA) M3-3, M1-5A, W20-3; SOUTH, J, AH
	STH 29 E.B. (AT RAMP GORE)	-		186			-	(1 EA) M3-3, M1-5A, W20-3; SOUTH, J, AF
	STH 29 E.B. EXIT RAMP			186				(1 EA) M3-3, M1-5A, W20-3; SOUTH, J, AH
				186				(1 EA) M3-3, M1-5A, W20-3; SOUTH, J, AF (1 EA) M3-3, M4 5A, W20-3; SOUTH, J, AF
	STH 29 W.B. EXIT RAMP	-		186			-	(1 EA) M3-3, M1-5A, W20-3; SOUTH, J, AF
MOBILIZATIONS EROSION CONTROL AND								
MOBILIZATIONS EMERGENCY EROSION CONTROL	CTH J S.B.	124	248	124				(2) R11-3; 1 MILE
628.1905 628.1910								CTH Q & WESTON AVE
MOB MOB E.C. EMFRG F.C.	CTH Q S.B.	124	248	124			-	(2) R11-3; 7 MILES
STATION - STATION LOCATION (EACH) (EACH)								
10+00 - 408+40 CTH J <u>3</u> <u>3</u>	KRISTOF RD & PAGE RD	62	124	186				(1) W20-3: AHFAD, 500 FT (1) R11-4
	CTH Q & PAGE RD	62	124	186				(1) W20-3; AHEAD, 500 FT, (1) R11-4
101ALS = 3 3	LITZA RD (EAST) & CTH Q	62	124	186				(1) W20-3; AHEAD, 500 FT, (1) R11-4
	MARTIN RD & CREEK RD	62	124	186			-	(1) W20-3; AHEAD, 500 FT, (1) R11-4
								DEAD END ROAD BARRICADES
	BAILEY LN	62	124	62				(1) R11-4
		62	124	62				(1) K11-4 (1) P11 4
		62	124	62				(1) R11-4
I X W 628 2027	TIMBER RIDGE RD	62	124	62				(1) R11-4
STATION LOCATION (FT X FT) (SY)	KELLNER DR	62	124	62				(1) R11-4
122+15 CTH J, RT 12 X 6 8	WHITE HORSE LANE	62	124	62				(1) R11-4
100'A'+63 CTH Q, LT 12 X 6 8	WESENICK RD	62	124	62				<u>(1) K11-4</u>
- UNDISTRIBUTED - <u>14</u>	TOTALS =	1488	2976	4340	5	28	1	
101AL = 30		*COVERING QI IS CLOSED	UANTITY IS FOR ONE S	IGN TO BE CO	VERED FOR ONE C	YCLE AS LONG	G AS THE ROAD	

FILE NAME : R:\PROJECTS\M97040 MARATHON CO HWY - CTH J RECONDITIONING\SHEETSPLAN\DETAILS\M97040_MISC QTYS.DWG LAYOUT NAME - 02

PLOT DATE : 9/1/2023 9:08 AM

PLOT BY : NICK PEHLER

PLOT NAME :

E

WATER

			624.0100
STATION - STAT		LOCATION	(MGAL)
10+00 - 408+4	40 PULVI		550
10+00 - 408+4	40	CTH J, LT	46
10+00 - 408+4	40	CTH J, RT	47
100'A'+50 - 101'/	A'+50	CTH Q, LT	0.5
101'A'+05 - 101'/	A'+50	CTH Q, RT	0.5
_		DRIVEWAYS	6
		TOTAL =	650
		IOTAL-	000
MARKI	ING STOP L	INE EPOXY 18-II	NCH
		646.61	20
STAT	TION LO	CATION (LF)	
101'4	A'+25 CT	HQ.LT 22	
1017	01		
		TOTAL = 22	
	- STATION	648 LOCATION (8.0100 MI)
<u>STATION</u> 10+00 -	408+43	CTHJ = 7	<u>.50</u> . 50
<u>STATION</u> 10+00 -	408+43	CTH J7 TOTAL = 7	.50
<u>STATION</u> 10+00 -	408+43	CTHJ7 TOTAL = 7	. <u>.50</u> 50
<u>STATION</u> 10+00 -	408+43	CTHJ <u>7</u> TOTAL = 7	.50
<u>STATION</u> 10+00 -	408+43	CTHJ <u>7</u> TOTAL = 7	. <u>50</u> .50
<u>STATION</u> 10+00 -	408+43	CTHJ <u>7</u> TOTAL = 7	.50
<u>STATION</u> 10+00 -	408+43	CTHJ <u>7</u> TOTAL = 7	<u>.50</u> .50
<u>STATION</u> 10+00 -	408+43	CTHJ <u>7</u> TOTAL = 7	.50
<u>STATION</u> 10+00 -	408+43	CTH J <u>7</u> TOTAL = 7	.50
<u>STATION</u> 10+00 -	408+43	CTH J <u>7</u> TOTAL = 7	.50
<u>STATION</u> 10+00 -	ONSTRUC	CTH J <u>7</u> TOTAL = 7	.50
<u>station</u> 10+00 -	ONSTRUC	CTH J <u>7</u> TOTAL = 7	.50
<u>STATION</u> 10+00 -	ONSTRUC	CTH J <u>7</u> TOTAL = 7	.50 .50 650.9911
<u>STATION</u> 10+00 -	ONSTRUC	CTH J <u>7</u> TOTAL = 7	650.9911 01 6656.00.73
<u>STATION</u> 10+00 -	ONSTRUCT	CTH J <u>7</u> TOTAL = 7	650.9911 01. 6656-00-73
<u>STATION</u> 10+00 -	ONSTRUC	CTH J <u>7</u> TOTAL = 7 FION STAKING 650.8000 RESURFACING	650.9911 01. 6656-00-73 SUPPLEMENTAL
<u>STATION</u> 10+00 -	ONSTRUC	CTH J 7 TOTAL = 7	.50 .50 650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL
<u>STATION</u> 10+00 - C		CTH J7 TOTAL = 7 FION STAKING 650.8000 RESURFACING REFERENCE (LF)	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH)
<u>STATION</u> 10+00 - C <u>STATION - STATION</u> 10+00 - 408+40		CTH J 7 TOTAL = 7 TOTAL = 7 650.8000 RESURFACING REFERENCE (LF) 	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH) 1
<u>STATION</u> 10+00 - C <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 46+60	ONSTRUCT	CTH J 7 TOTAL = 7 FION STAKING 650.8000 RESURFACING REFERENCE (LF) 3660	.50 .50 .50 .50 .50
<u>STATION</u> 10+00 - C <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 46+60 49+30 - 408+40	DONSTRUCT	CTH J 7 TOTAL = 7 TOTAL = 7 G50.8000 RESURFACING REFERENCE (LF) 	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH) 1
<u>STATION</u> 10+00 - C <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 46+60 49+30 - 408+40	DONSTRUCT	CTH J7 TOTAL = 7 FION STAKING 650.8000 RESURFACING REFERENCE (LF) 3660 35910	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH) 1
<u>STATION</u> 10+00 - C <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 4660 49+30 - 408+40	DONSTRUCT	CTH J7 TOTAL = 7 TOTAL = 7 650.8000 RESURFACING REFERENCE (LF) 	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH) 1
<u>STATION</u> 10+00 - C <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 46+60 49+30 - 408+40	CONSTRUCT	CTH J <u>7</u> TOTAL = 7 FION STAKING 650.8000 RESURFACING REFERENCE (LF) 	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH) 1 1
<u>STATION</u> 10+00 - C <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 46+60 49+30 - 408+40	CONSTRUCT	CTH J7 TOTAL = 7 TOTAL = 7 G50.8000 RESURFACING REFERENCE (LF) 3660 35910 39570	.50 .50 .50 .50 .50 .50 .50 .50
<u>STATION</u> 10+00 - C <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 46+60 49+30 - 408+40	ONSTRUCT	CTH J7 TOTAL = 7 FION STAKING 650.8000 RESURFACING REFERENCE (LF) 	.50 .50 .50 .50 .50
<u>STATION</u> 10+00 - C <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 46+60 49+30 - 408+40	DONSTRUCT	CTH J7 TOTAL = 7 FION STAKING 650.8000 RESURFACING REFERENCE (LF) 3660 35910 39570	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH) 1 1
<u>STATION</u> 10+00 - C <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 46+60 49+30 - 408+40	DONSTRUCT	CTH J7 TOTAL = 7 FION STAKING 650.8000 RESURFACING REFERENCE (LF) 	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH) 1 1
<u>STATION</u> 10+00 - C <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 46+60 49+30 - 408+40	DONSTRUCT	CTH J <u>7</u> TOTAL = 7 FION STAKING 650.8000 RESURFACING REFERENCE (LF) 	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH) 1 1
<u>STATION</u> 10+00 - C <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 46+60 49+30 - 408+40	CONSTRUCT	CTH J <u>7</u> TOTAL = 7 FION STAKING 650.8000 RESURFACING REFERENCE (LF) 	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH) 1 1
<u>STATION - STATION</u> <u>STATION - STATION</u> <u>10+00 - 408+40</u> <u>10+00 - 408+40</u> <u>10+00 - 408+40</u> <u>49+30 - 408+40</u>	ONSTRUCT	CTH J <u>7</u> TOTAL = 7 TOTAL = 7 650.8000 RESURFACING REFERENCE (LF) 3660 35910 39570	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH) 1 - 1
<u>STATION</u> 10+00 - C <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 46+60 49+30 - 408+40	ONSTRUC CONSTRUC CTH J CTH J CTH J TOTALS =	CTH J7 TOTAL = 7 FION STAKING 650.8000 RESURFACING REFERENCE (LF) 3660 35910 39570	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH) 1 - 1
<u>STATION - STATION</u> <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 46+60 49+30 - 408+40	DONSTRUCT	CTH J <u>7</u> TOTAL = 7 FION STAKING 650.8000 RESURFACING REFERENCE (LF) 3660 35910 39570	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH) 1 1
<u>STATION - STATION</u> <u>STATION - STATION</u> 10+00 - 408+40 10+00 - 46+60 49+30 - 408+40 29+30 - 408+40	DONSTRUCT	CTH J7 TOTAL = 7 FION STAKING 650.8000 RESURFACING REFERENCE (LF) 	650.9911 01. 6656-00-73 SUPPLEMENTAL CONTROL (EACH) 1 - 1 1

MARKING L	INE EPOXY.	4-INCH
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LOCATION 0 CTH J, C/L 5 CTH J, C/L	SOLID WHITE (LF) 	DOTTED WHITE 	SOLID YELLOW (LF) 500 	DASHE YELLO (LF) 125
LOCATION 0 CTH J, C/L 5 CTH J, C/L	WHITE (LF) 	WHITE (LF) 	YELLOW (LF) 500 	YELLO (LF) 125
ION LOCATION 0 CTH J, C/L 15 CTH J, C/L	(LF) 	(LF) 	(LF) 500 	(LF) 125
0 CTH J, C/L 0 CTH J, C/L 0 CTH J, C/L 0 CTH J, C/L 0 CTH J, C/L	 		500 	125
0 CTH J, C/L 0 CTH J, C/L 0 CTH J, C/L 0 CTH J, C/L 25 CTH J, C/L	 			700
0 CTH J, C/L 0 CTH J, C/L 0 CTH J, C/L 25 CTH J, C/L	 			788
0 CTH J, C/L 0 CTH J, C/L 25 CTH J, C/L		-		88
0 CTH J, C/L 5 CTH J, C/L			1220	305
25 CTH J, C/L			6060	
• • · · · · · ·		_	1095	275
85 CTH J. C/L				290
40 CTH J. C/L			555	138
80 CTH I C/I		_	540	135
45 CTH J. C/L				2790
				2100
90 CTH J, C/L			845	213
40 CTH J, C/L				63
65 CTH J, C/L			825	213
85 CTH J, C/L			1120	275
00 CTH J, C/L			1830	
60 CTH J, C/L			1060	263
70 CTH J, C/L				425
00 CTH J, C/L			1130	288
40 CTH J, C/L			5880	
40 CTH J, C/L			1100	275
				363
90 CTH J, C/L			1090	275
40 CTH J, C/L			2350	
5 CTH J, LT	11310			
75 CTH J, LT	5990			
75 01111	5740			
	5740			
	7830			
95 CIHJ, LI	5290			
40 CTH J, LT	3360			
5 CTH J, RT	2435			
5 CTH J. RT	3080	_		
0 CTH.I.BT	5505			
	5000			
	5990			
SU CIHJ, RI	11025			
30 CTH J, RT	5370			
40 CTH J, RT	5835	15		
V'+50 CTH Q, C/L			125	25
V'+50 CTH Q, LT	100			
V+50 CTH Q, RT	45	-		
SUBTOTALS =	78905	15	27325	7612
		11:	3857	
+0 CTH Q, C// ('+50 CTH Q, L ('+50 CTH Q, L \'+50 CTH Q, R SUBTOTA	L T NLS = TAL =	L T 100 T 45 NLS = <u>78905</u>	L T 100 T 45 NLS = <u>78905 15</u> AL = 113	L 125 100 T 45 ALS = <u>78905 15 27325</u> AL = 113857

R:\PROJECTS\M97040 MARATHON CO HWY - CTH J RECONDITIONING\SHEETSPLAN\DETAILS\M97040_MISC QTYS.DWG LAYOUT NAME - 03 FILE NAME :



SAWING ASPHALT

		690.0150
STATION	LOCATION	<u>(LF)</u>
10+00	CTHJ	28
10+15	CTH J, LT (P.E.)	14
10+30	CTH J, LT (P.E.)	22
13+53	CTH J, LT (P.E.)	27
22+96	CTH J, RT (P.E.)	25
23+93	CTH J, RT (P.E.)	23
25+52	CTH J, LT (P.E.)	19
26+26	CTH J, RT (P.E.)	14
35+05	CTH J, LT (KRISTOF RD)	25
39+33	CTH J, LT (P.E.)	19
46+60	СТНЈ	24
49+30	CTH J	24
54+43	CTH J, RT (P.E.)	20
61+68	CTH J, LT (BAILEY LN)	23
68+82	CTH J, LT (P.E.)	12
196+95	CTH J, LT (P.E.)	19
226+73	CTH J, LT (P.E.)	20
239+72	CTH J, LT (P.E.)	12
242+46	CTH J, RT (MARTIN RD)	37
247+54	CTH J, LT (P.E.)	19
257+43	CTH J, RT (P.E.)	13
263+26	CTH J, RT (P.E.)	13
295+19	CTH J, RT (TIMBER RIDGE LN)	19
309+44	CTH J, LT (P.E.)	14
317+52	CTH J, RT (P.E.)	20
321+67	CTH J, LT (KELLNER RD)	20
322+82	CTH J, LT (P.E.)	14
325+12	CTH J, LT (P.E.)	13
327+84	CTH J, RT (P.E.)	10
330+32	CTH J, LT (P.E.)	14
346+07	CTH J, LT (P.E.)	18
349+66	CTH J, RT (WHITEHORSE LN)	22
367+37	CTH J, LT (P.E.)	16
404+67	CTH J, RT (P.E.)	20
407+15	CTH J, RT (P.E.)	16
408+40	CTH J	32
101'A'+00	CTH Q	30
	TOTAL =	730

TOTAL =

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9/1/2023 8:09 AM PLOT DATE :



PLOT NAME :

STA. 360+40, LT B.A.D. F.E. STA. 361+60, LT B.A.D. P.E. 360 N28"1918"W 255 360 STA. 360+40, RT B.A.D. P.E.	STA. 367+35, LT ASPHALT P.E. R/W 3701 R/W	
DESCRIPTION 0.75 IBS, 16.5' RT. 0.75 IBS, 23.2' RT. 0.75 IBS, 19.2' LT.	Y X ELEV. 166,780.19 319,220.84 1264.19' 169,462.74 319,197.04 1291.05' 171,883.23 317,882.57 1282.64'	5
PL.	et .	
D. STA. DESCRIPTI- 5 392+05 CP 0.75 IBS, 18.5' RT.	CTH J CTH J PL PL PL PL PL PL PL PL PL PL PL PL PL	
5 - CP 0.75 IBS	176,480.43 315,415.87 1254.94' SHEET	E

Standard Detail Drawing List

08D01-23A CONCRETE CURB & GUTTER 08D01-23B CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS 08D04-07 CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES 08D22-01 DRIVEWAYS WITHOUT CURB & GUTTER RESURFACING PROJECTS RURAL 08E09-06 13A10-03C 13A10-03G SILT FENCE SHOULDER RUMBLE STRIPS - ASPHALT SINUSOIDAL SHOULDER AND EDGE LINE RUMBLE STRIPS - CROSSINGS, INTERSECTIONS, BRIDGES, DRIVEWAYS 13A10-03H SHOULDER AND EDGE LINE RUMBLE STRIPS - RAILROAD, PASSING, CLIMBING AND BYPASS LANES 13C19-03 HMA LONGITUDINAL JOINTS 15C02-09A 15C02-09B BARRICADES AND SIGNS FOR MAINLINE CLOSURES BARRICADES AND SIGNS FOR VARIOUS CLOSURES 15C03-05 BARRICADES AND SIGNS FOR SIDEROAD CLOSURES 15C04-05 TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC 15C08-23A PERMANENT LONGITUDINAL PAVEMENT MARKINGS 15C12-09A 15C12-09B TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION TRAFFIC CONTROL, LANE CLOSURE WITH AUTOMATED FLAGGER ASSISTANCE DEVICE 15C19-08A MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY 15C33-04 STOP LINE AND CROSSWALK PAVEMENT MARKING 15C35-06A PAVEMENT MARKING (INTERSECTIONS)



SDD 08D01 23a

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DEPARTMENT OF TRANSPORTATION







PLAN VIEW HALF SECTION



8' TO 10' SHOULDER

3' TO 5'

5' TO 7'

4.00%



RESURFACING PROJECTS



DRIVEWAY

5' TO 20'

6" BASE AGGREGATE

VARIES

MATCH

6" BASE AGGREGATE DENSE RESURFACING PROJECTS

SDD 08D22 0

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GENERAL NOTES

(1) DESIGN WILL DETERMINE FINAL DRIVEWAY ASPHALTIC THICKNESS BASED ON TYPE OF USAGE AND LOADINGS.

HMA PAVEMENT OVERLAY

> EXISTING HMA PAVEMENT

AGGREGATE DENSE

12'

2.00%

DRIVEWAYS WITHOUT CURB AND GUTTER RESURFACING **PROJECTS RURAL**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED December 2016 DATE

/S/ Rodney Taylor ROADWAY STANDARDS DEVELOPMENT ENGINEER

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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)









SDD 13A10 - 03g

DEPARTMENT OF TRANSPORTATION



GROOVES AT RAILROADS



GROOVES AT PASSING AND CLIMBING LANES



03h SDD13A10

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SHOULDER AND EDGE LINE **RUMBLE STRIPS** -RAILROAD, PASSING, **CLIMBING AND BYPASS LANES**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2023 DATE

/S/ John Jenkins ROADWAY STANDARDS DEVELOPMENT ENGINEER





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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.
- (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.





GENERAL NOTES

AS APPROVED BY THE ENGINEER.

NEEDED AND AS APPROVED BY THE ENGINEER.

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

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

NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

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

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

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WORK ZONE ENGINEER

July 2018 DATE



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SDD

15C04

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

- 2" MIN. 2

NOTE: TYPICALLY LEFT OF CENTER

LINE IN THE -

OF TRAFFIC

JOINT LINE

*6" EDGE LINE (WHITE) -

DIRECTION

 \Box

 \Box

(1) Lo (2) M S

• •



TWO WAY TRAFFIC

ONE WAY TRAFFIC

BLACK LAG

MARKING

SHOULDER

6" EDGE LINE (YELLOW) -

2" MIN. 2

SHOULDER

2

3" 🗐

PERMANENT PAVEMENT MARKING

T

50'

LANE LINE

– MARKING

(WHITE)

SDD 15C08-23a

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GENERAL NOTES

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

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

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

LEGEND

"T" MARKING

SIGN ON PERMANENT SUPPORT

3a

C08-2

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PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED May 2023 DATE

/S/ Jeannie Silver STATEWIDE SIGNING AND MARKING ENGINEER





15C19-08a

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SDD

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

DEPARTMENT OF TRANSPORTATION

APPROVED February 2023 DATE

/S/ Andrew Heidtke WORK ZONE ENGINEER 6

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SDD 15C33 - 04

SDD 15C35-06a

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15C35-06a ۵ SD

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

http://www.dot.wisconsin.gov

