WKE

PROJECT ID: WITH:

1000-77-20

盈 GION WIDE

FEB 11, 2020

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Detail
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

64 TOTAL SHEETS =

STATE OF WISCONSIN **DEPARTMENT OF TRANSPORTATION**

PLAN OF PROPOSED IMPROVEMENT

EPOXY PAVEMENT MARKING - 2020

PER STN ANNUAL PLAN

SE VAR HWY REGION WIDE

> STATE PROJECT NUMBER 1000-77-20

WASHINGTON COUNTY OZAUKEE COUNTY MILWAUKEE COUNTY WAUKESHA COUNTY **RACINE COUNTY** WALWORTH COUNTY KENOSHA COUNTY

PLAN CORPORATE LIMITS

CONVENTIONAL SYMBOLS

PROPERTY LINE LOTLINE LIMITED HIGHWAY EASEMENT EXISTING RIGHT OF WAY PROPOSED OR NEW R/W LINE SLOPE INTERCEPT REFERENCE LINE EXISTING CULVERT

PROPOSED CULVERT COMBUSTIBLE FLUIDS

WOODED OR SHRUB AREA

MARSH AREA

SANITARY SEWER STORM SEWER TELEPHONE TELEPHONE POLE

GRADE LINE

ORIGINAL GROUND

MARSH OR ROCK PROFILE

(To be noted as such)

SPECIAL DITCH

UTILITIES

ELECTRIC

FIBER OPTIC

GRADE ELEVATION

CULVERT (Profile View)

₫ Ø

LAYOUT SCALE _____

PROJECT ID 1000-77-20

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT

WISC 2020041

CONTRACT

STATE PROJECT

1000-77-20

PREPARED BY Surveyor Designer Project Manage

FILE NAME: N:\PDS\PROJECTS\10007720\PLAN SET\010101_TI.DWG

8/1/2019 1:57 PM

WAGNER, SCOTT H

GENERAL NOTES:

- 1. THERE ARE NO UTILITY IMPACTS FOR THIS PROJECT
- 2. THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE 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.

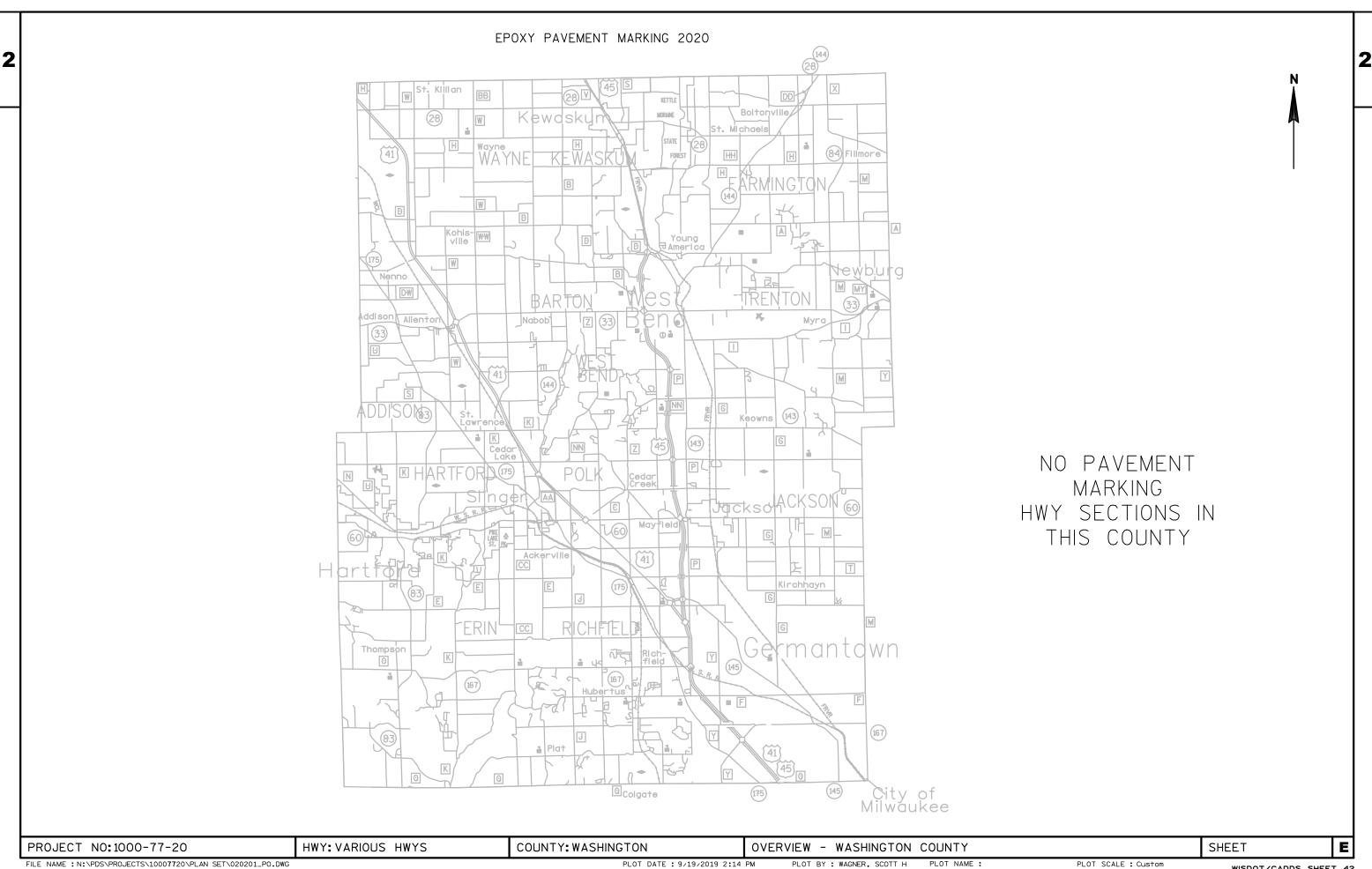
CONTACTS:

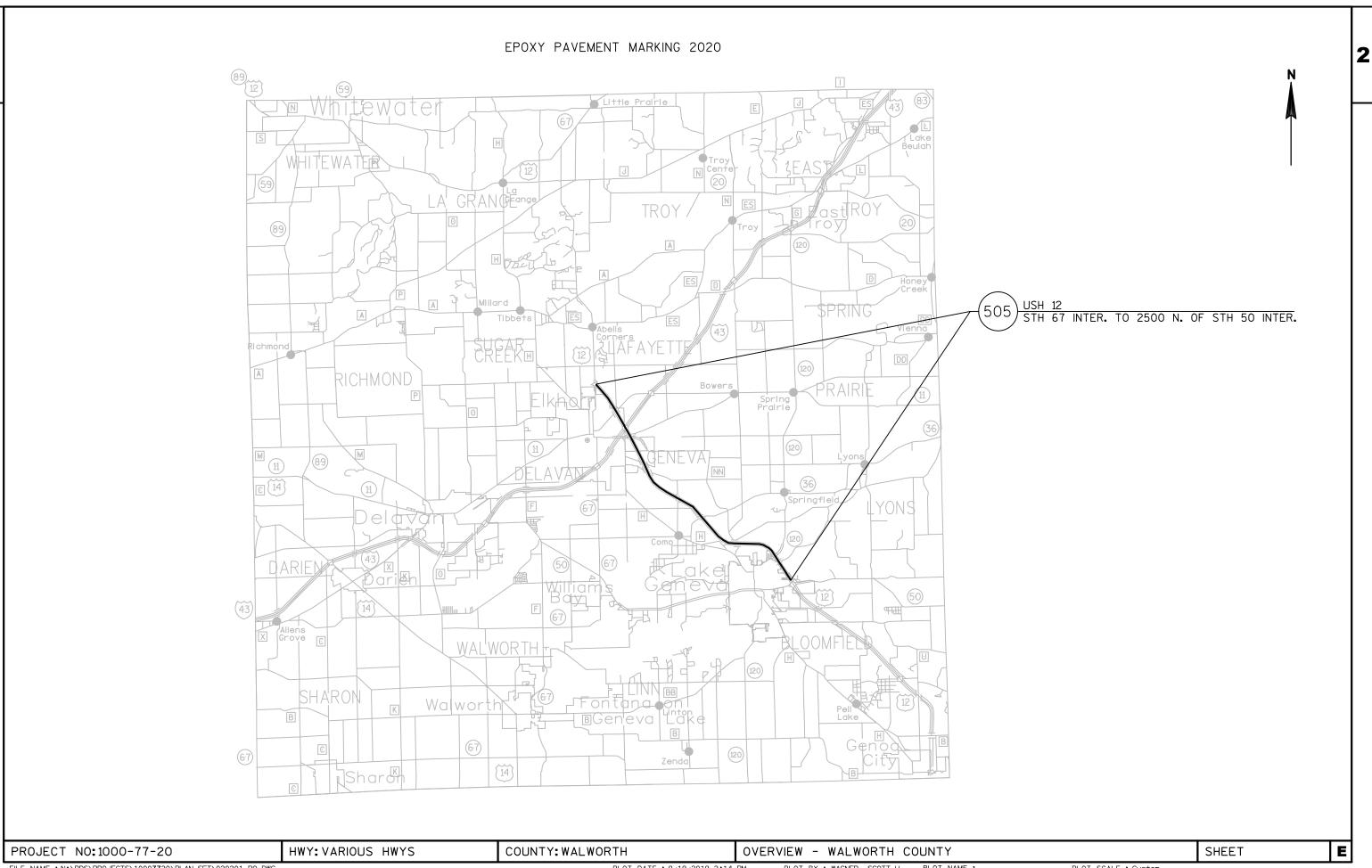
DNR- SPILL HOTLINE (24HR) 1-800-943-0003



HWY: VARIOUS UTILITY CONTACT LIST Ε PROJECT NO: 1000-77-20 COUNTY: VARIOUS SHEET N:\PDS\PROJECTS\10007720\PLAN SET\020101_UT.DWG FILE NAME : PLOT DATE: 8/1/2019 2:17 PM PLOT BY: WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:200 FT

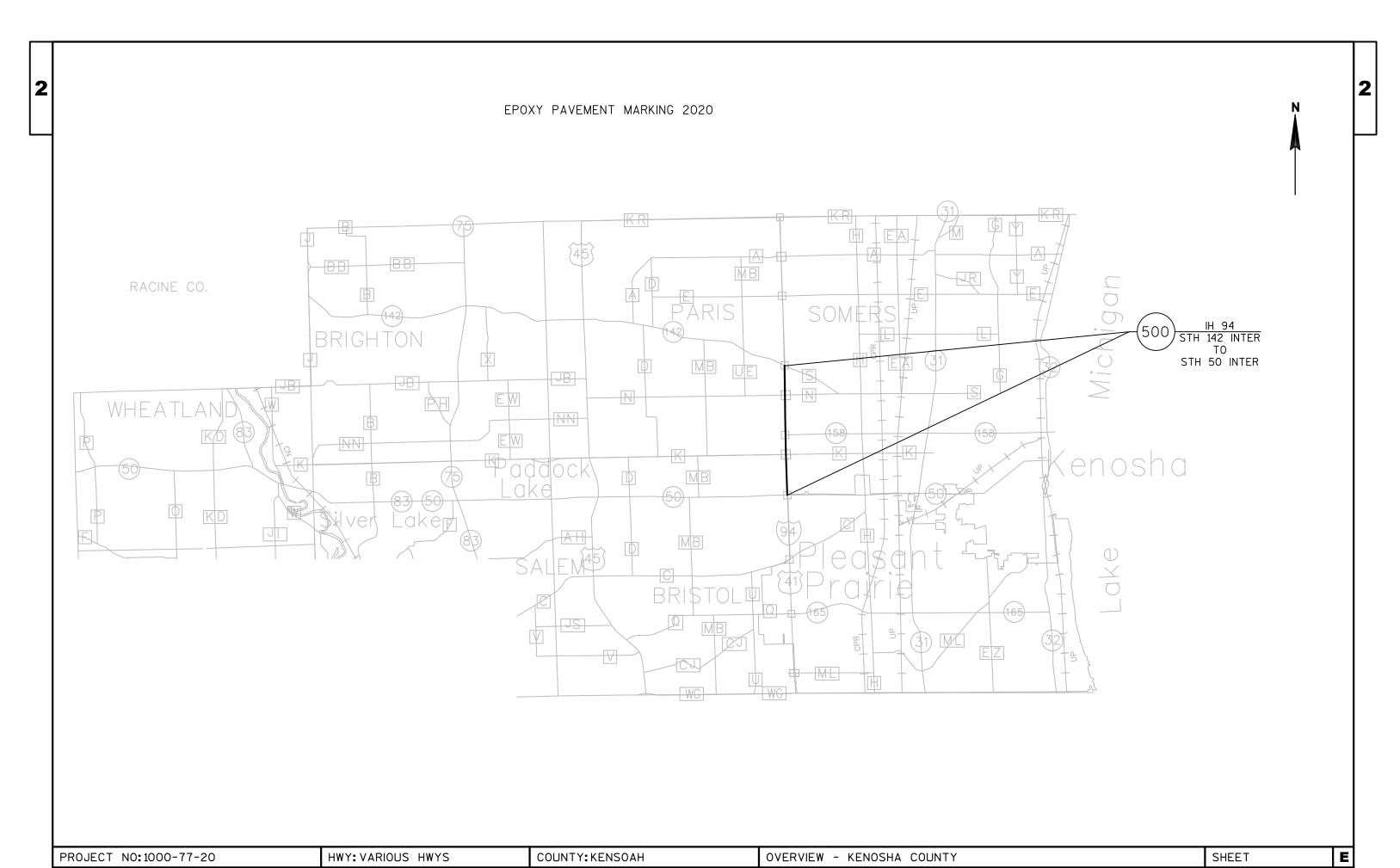
LAYOUT NAME - Plan 1 IN 200 FT





EPOXY PAVEMENT MARKING 2020 North Bay Rocheste Elmwood NO PAVEMENT MARKING HWY SECTIONS IN THIS COUNTY

PROJECT NO:1000-77-20 HWY: VARIOUS HWYS COUNTY: RACINE SHEET E OVERVIEW - RACINE COUNTY FILE NAME : N:\PDS\PROJECTS\10007720\PLAN SET\020201_PO.DWG LAYOUT NAME - RACINE PLOT DATE: 9/19/2019 2:14 PM PLOT BY: WAGNER, SCOTT H PLOT NAME: PLOT SCALE : Custom

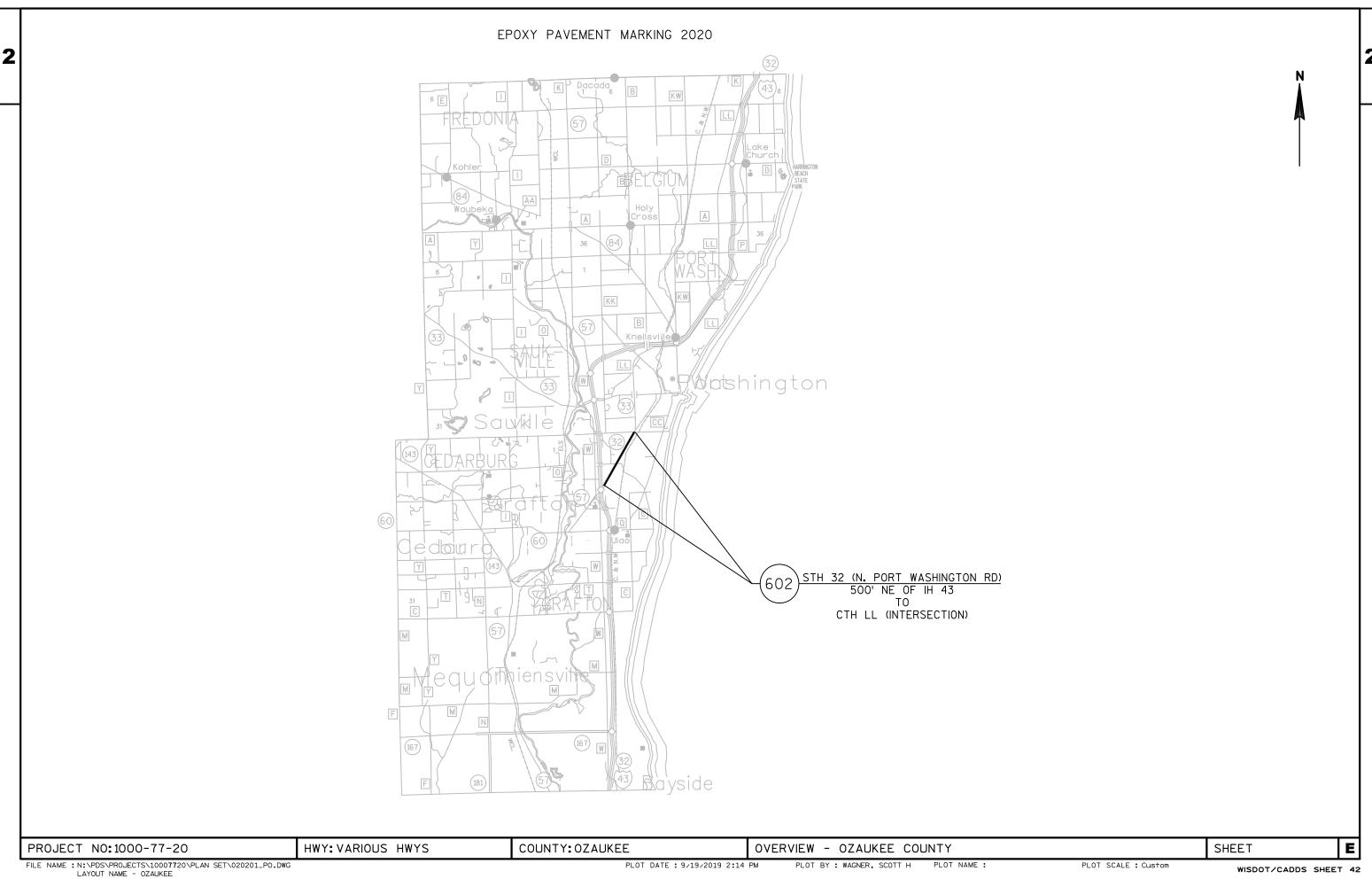


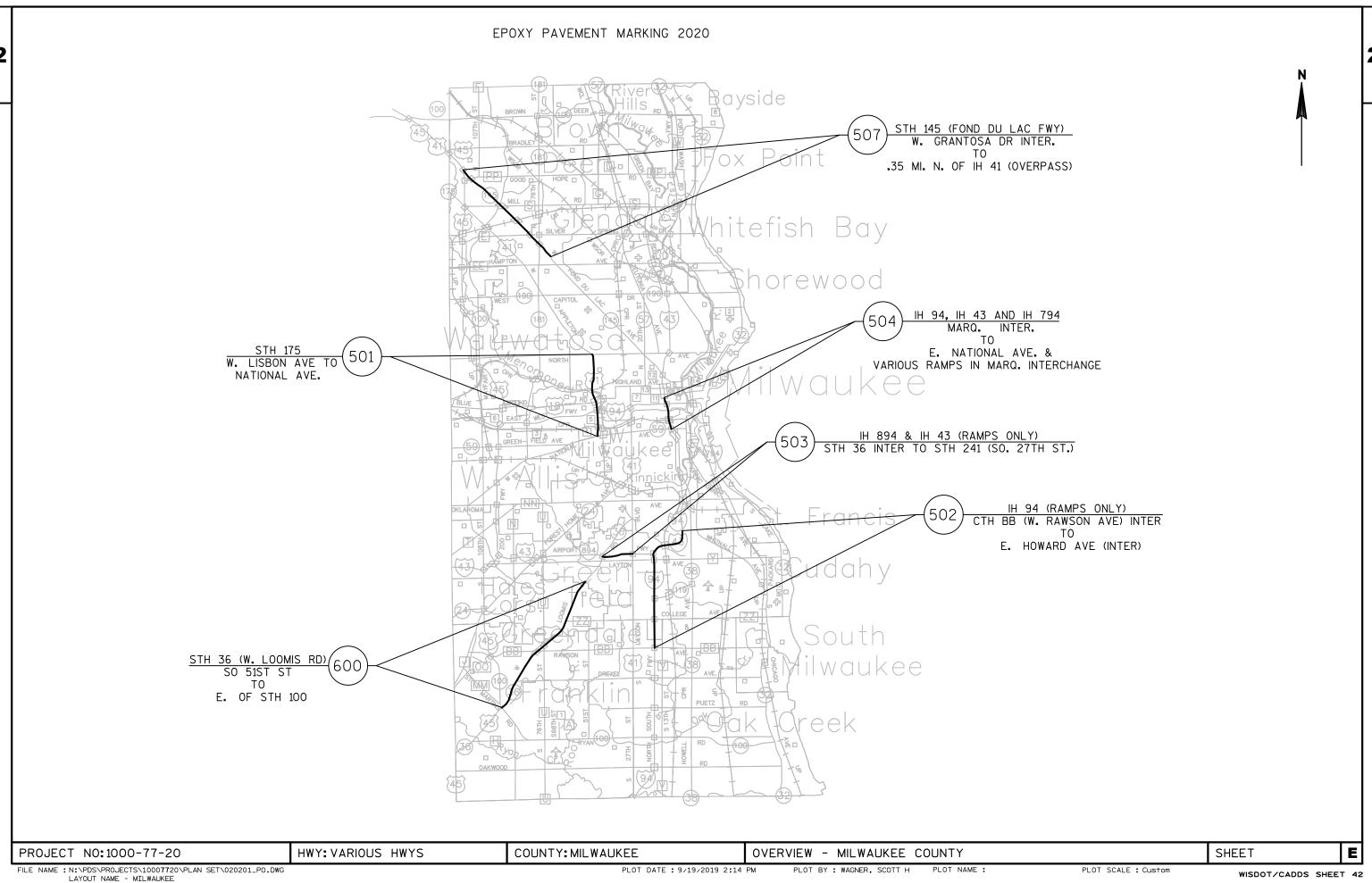
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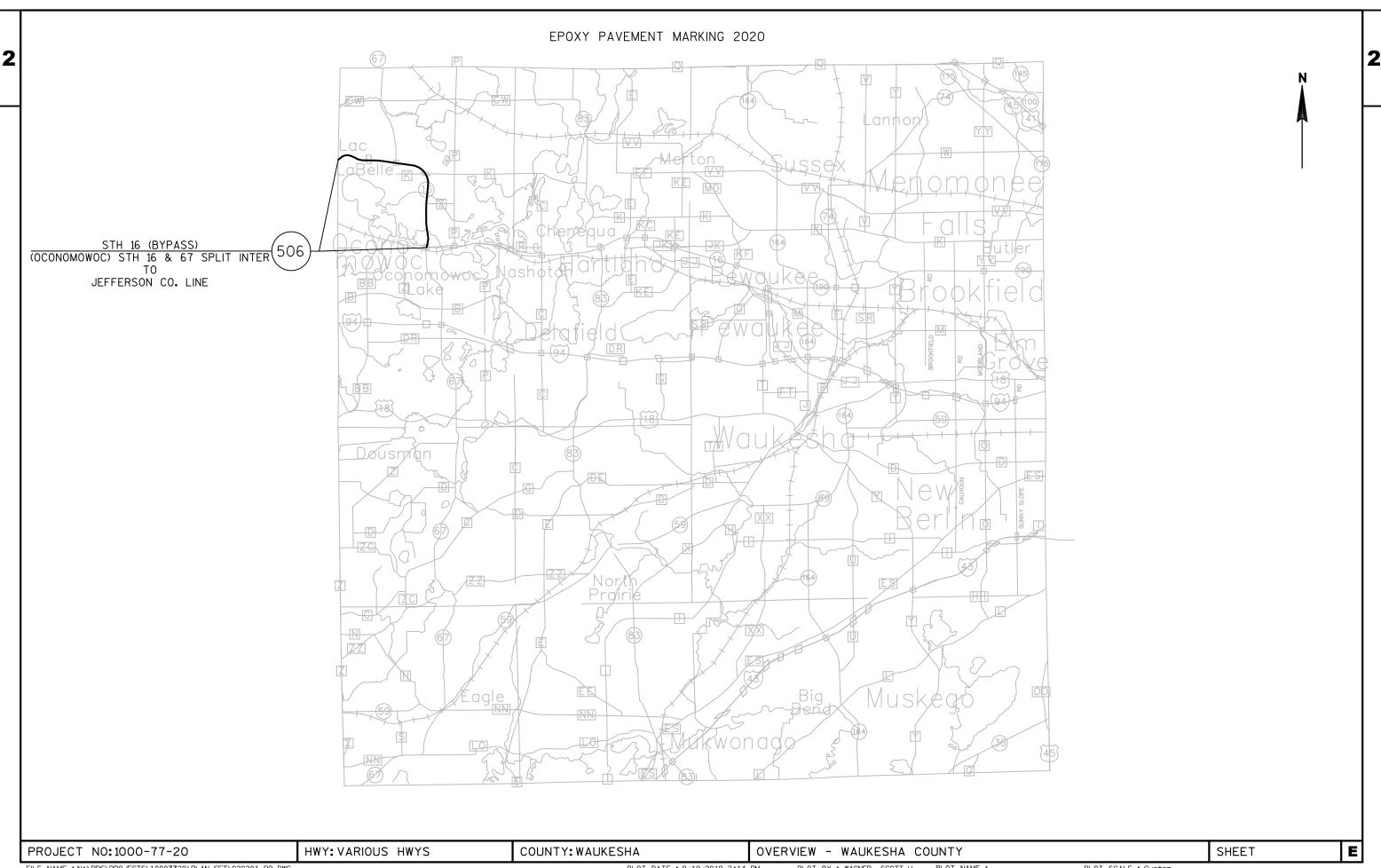
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PLOT BY: WAGNER, SCOTT H PLOT NAME:

PLOT SCALE : Custom

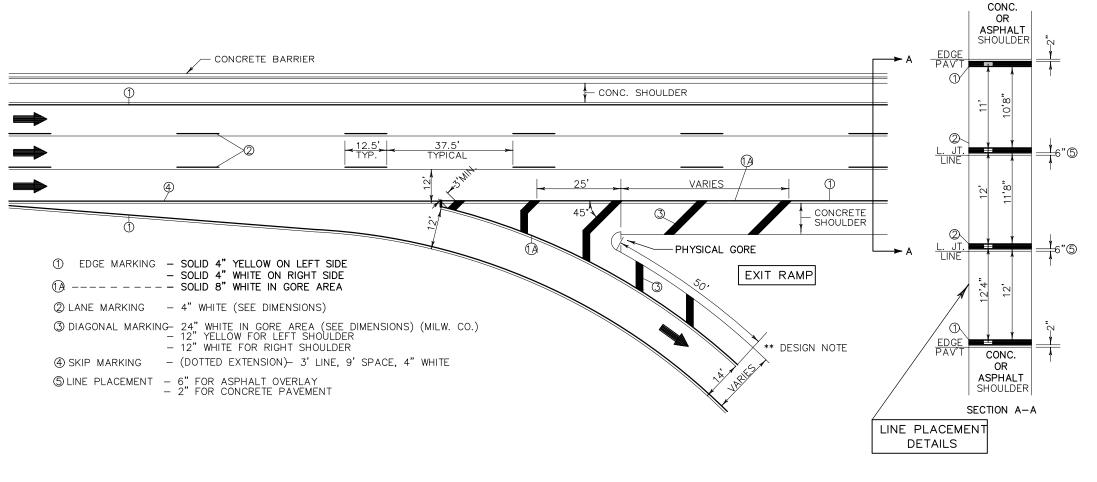






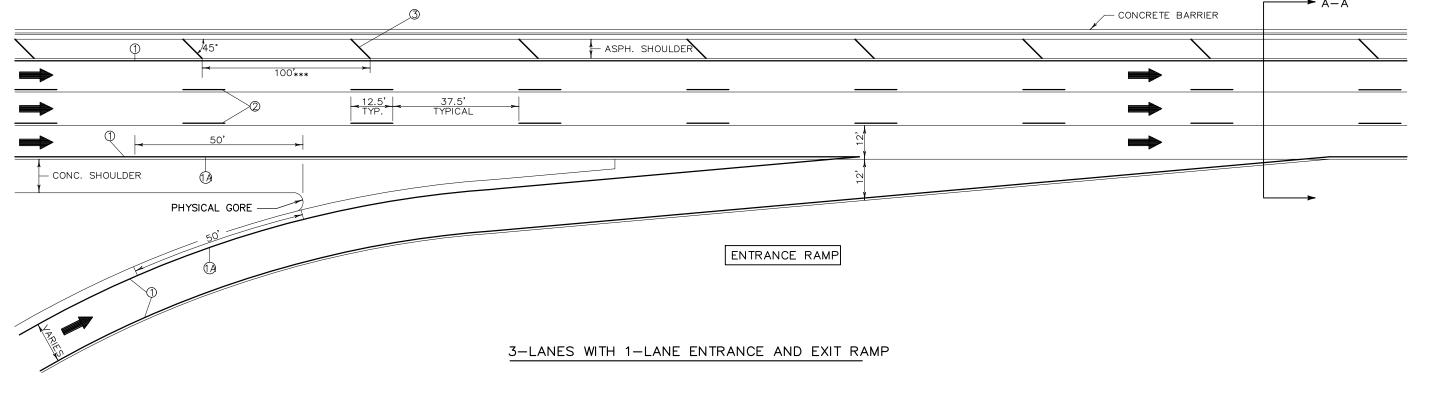


DETAIL 1



NOTES:

- 1. THE 12" WIDE DIAGONAL SHOULDER MARKING SHALL BE USED ONLY WHERE THE ASPHALTIC CONCRETE SHOULDER ABUTS ASPHALTIC CONC. PAV'T. IF THERE ARE CONTINUOUS RUMBLE STRIPS, DO NOT USE DIAGONAL SHOULDER MARKING.
- 2. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 4" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
- 3. PAVEMENT LANE MARKINGS SHALL BE LOCATED 6" OFF THE LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
- ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
- 5. SPOTTING FOR PAVEMENT LANE MARKINGS AND EDGE LINES SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.



HWY: VARIOUS

PROJECT NO:1000-77-20

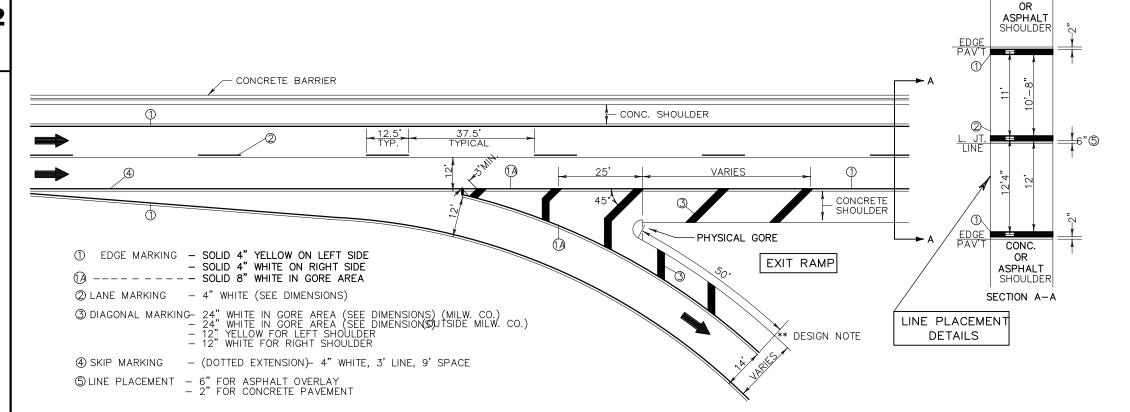
COUNTY: VARIOUS

PAVEMENT MARKING DETAIL

SHEET

E

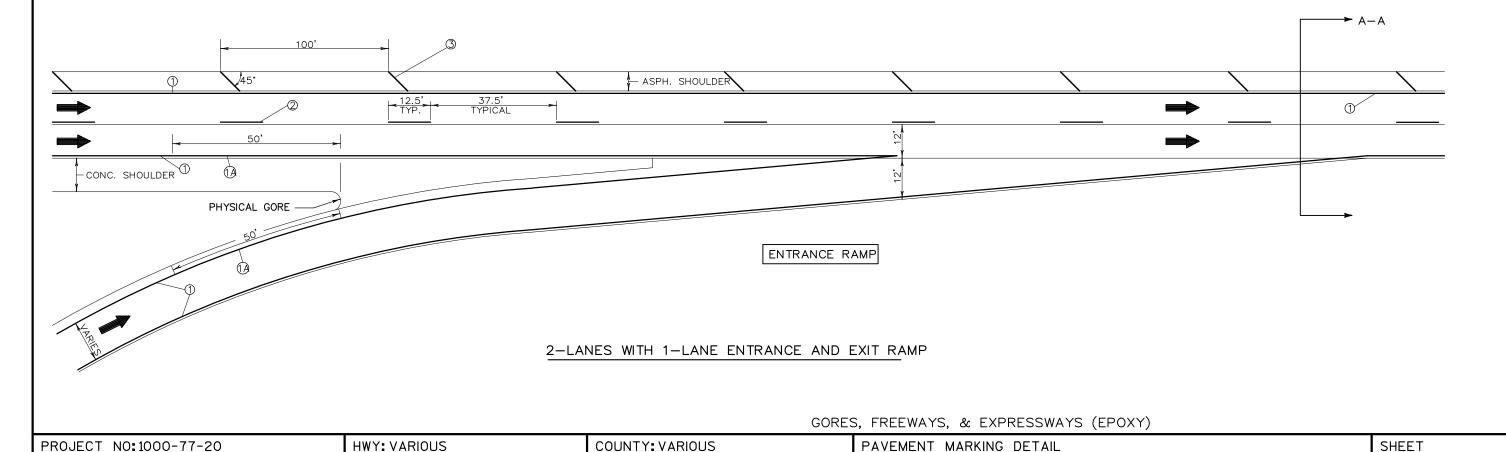




NOTES:

CONC.

- 1. THE 12" WIDE DIAGONAL SHOULDER MARKING SHALL BE USED ONLY WHERE THE ASPHALTIC CONCRETE SHOULDER ABUTS ASPHALTIC CONC. PAV'T. IF THERE ARE CONTINUOUS RUMBLE STRIPS, DO NOT USE DIAGONAL SHOULDER MARKING.
- 2. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 4" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
- 3. PAVEMENT LANE MARKINGS SHALL BE LOCATED 6" OFF THE LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
- ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
- SPOTTING FOR PAVEMENT LANE MARKINGS AND EDGE LINES SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.



E



CONC. OR **ASPHALT** SHOULDER - CONC. SHOULDER 1 1) **VARIES** (1) 45 CONCRETE SHOULDER PHYSICAL GORE EXIT RAMP -6' CONC. SHOULDER Ω CONC. ① EDGE MARKING - SOLID 4" YELLOW ON LEFT SIDE OR - SOLID 4" WHITE ON RIGHT SIDE ** DESIGN NOTE **ASPHALT** 1 ---- SOLID 8" WHITE IN GORE AREA SHOULDER ② LANE MARKING - 4" WHITE (SEE DIMENSIONS) SECTION A-A LINE PLACEMENT - 12" WHITE FOR RIGHT SHOULDER **DETAILS**

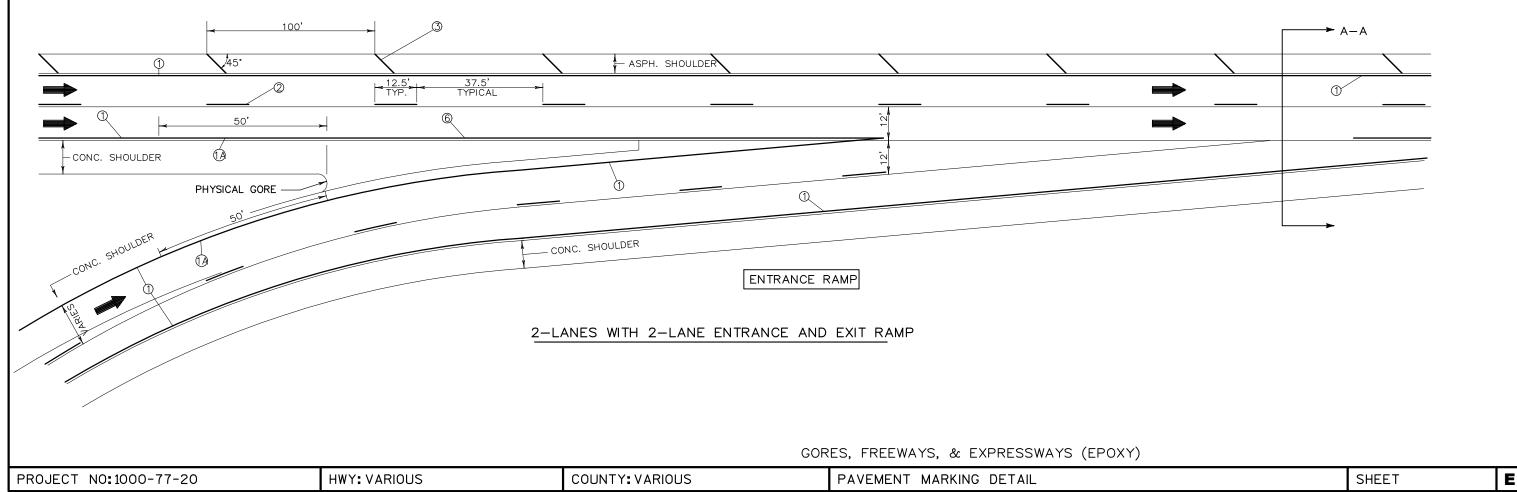
- (DOTTED EXTENSION)- 8" WHITE, 3' LINE, 9' SPACE

- AUXILIARY LANE

(5) LINE PLACEMENT - 6" FOR ASPHALT OVERLAY - 2" FOR CONCRETE PAVEMENT

NOTES:

- 1. THE 12" WIDE DIAGONAL SHOULDER MARKING SHALL BE USED ONLY WHERE THE ASPHALTIC CONCRETE SHOULDER ABUTS ASPHALTIC CONC. PAV'T. IF THERE ARE CONTINUOUS RUMBLE STRIPS, DO NOT USE DIAGONAL SHOULDER MARKING.
- 2. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 8" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
- 3. PAVEMENT LANE MARKINGS SHALL BE LOCATED 6" OFF THE LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
- 4. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
- 5. SPOTTING FOR PAVEMENT LANE MARKINGS AND EDGE LINES SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.



4 SKIP MARKING

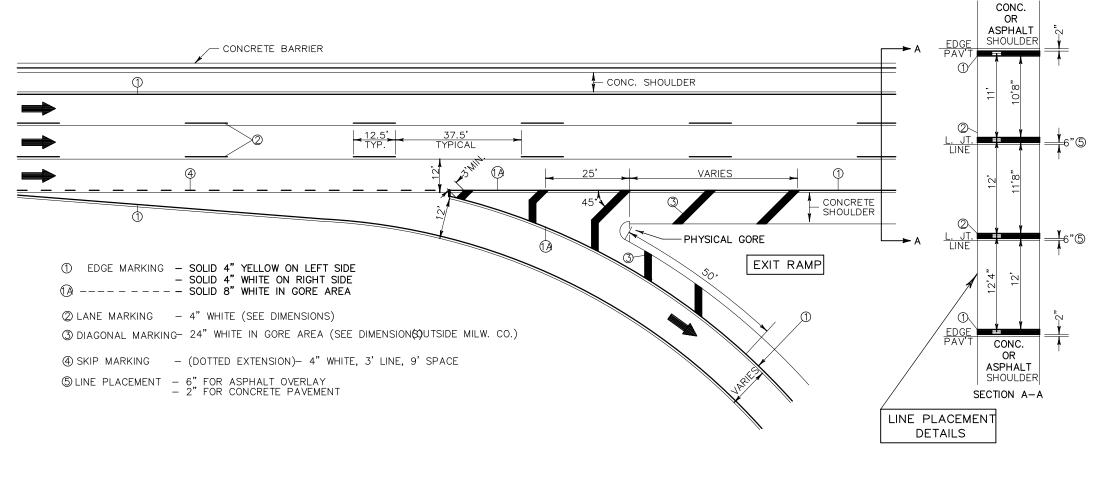


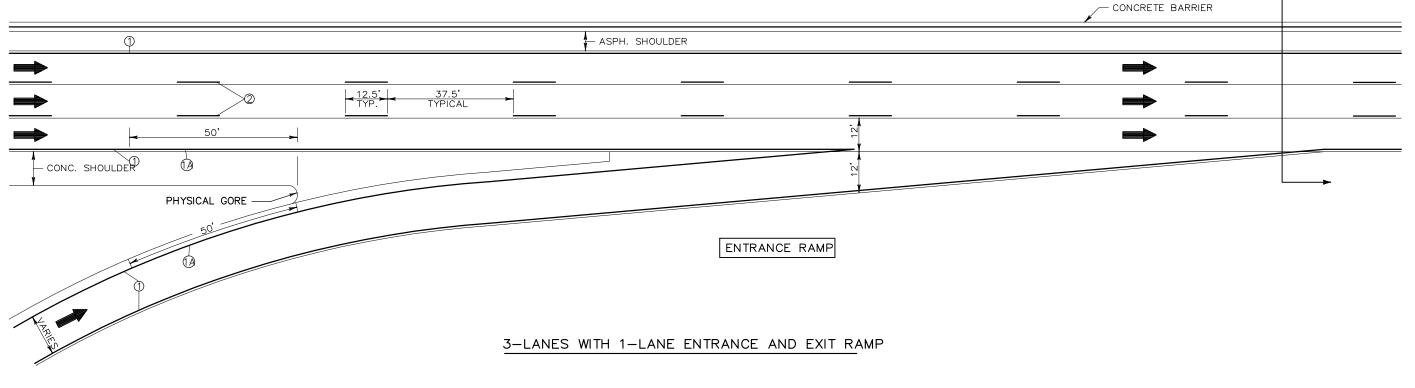
RACINE, KENOSHA, WALWORTH, WAUKESHA, OZAUKEE & WASHINGTON COUNTIES

→ A – A

NOTES:

- 1. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 4" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
- 2. PAVEMENT LANE MARKINGS SHALL BE LOCATED 6" OFF THE LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
- ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
- 4. SPOTTING FOR PAVEMENT LANE MARKINGS AND EDGE LINES SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.





FILE NAME : N:\PDS\PROJECTS\10007720\PLAN SET\PMGORE.DWG LAYOUT NAME - 04

HWY: VARIOUS

PROJECT NO:1000-77-20

PLOT DATE: 8/12/2019 3:39 PM

COUNTY: VARIOUS

EPOXY PAVEMENT MARKING DETAIL

PM PLOT BY: WAGNER, SCOTT H PLOT NAME:

PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

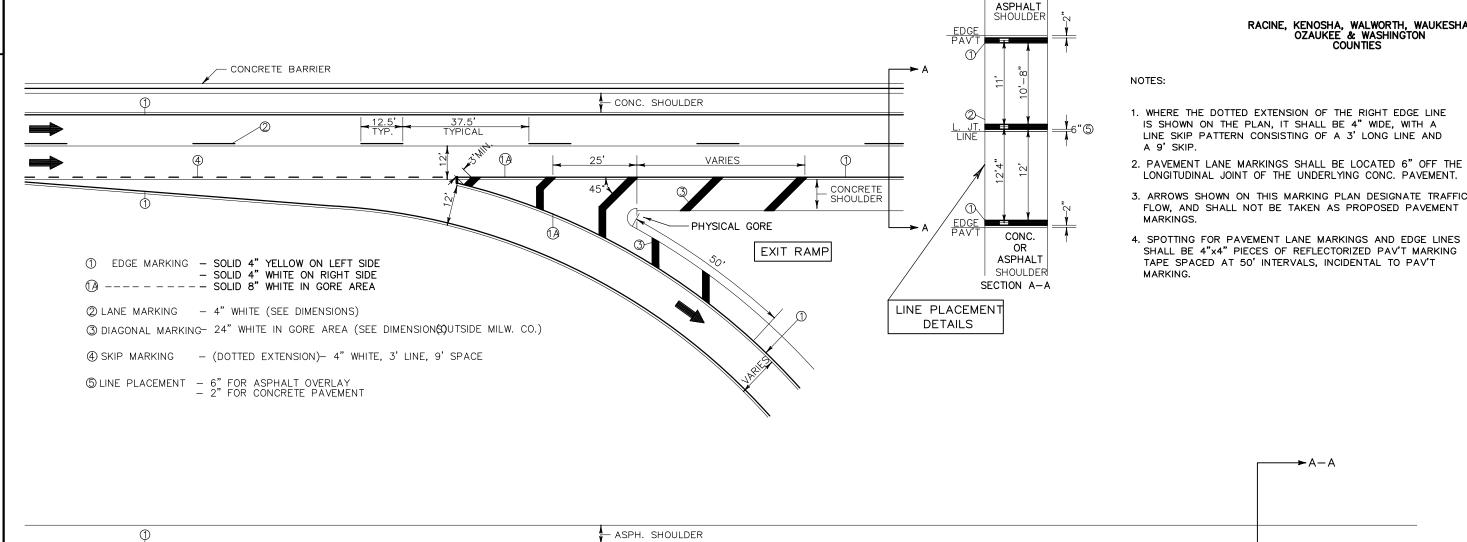
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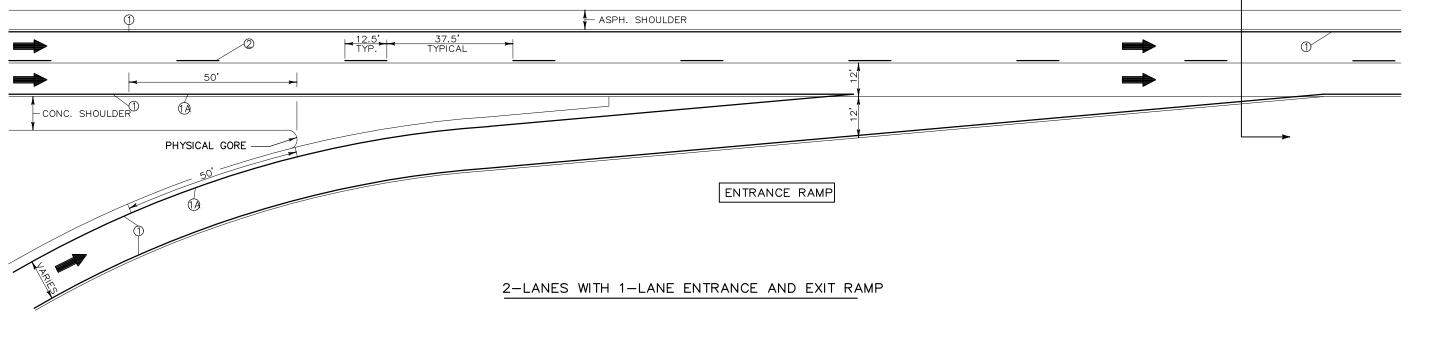
E



RACINE, KENOSHA, WALWORTH, WAUKESHA, OZAUKEE & WASHINGTON COUNTIES

- 1. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 4" WIDE, WITH A LINE SKIP PATTERN CONSISTING OF A 3' LONG LINE AND A 9' SKIP.
- LONGITUDINAL JOINT OF THE UNDERLYING CONC. PAVEMENT.
- 3. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT
- SHALL BE 4"x4" PIECES OF REFLECTORIZED PAV'T MARKING TAPE SPACED AT 50' INTERVALS, INCIDENTAL TO PAV'T MARKING.





HWY: VARIOUS

PROJECT NO:1000-77-20

COUNTY: VARIOUS

EPOXY PAVEMENT MARKING DETAIL

CONC. OR

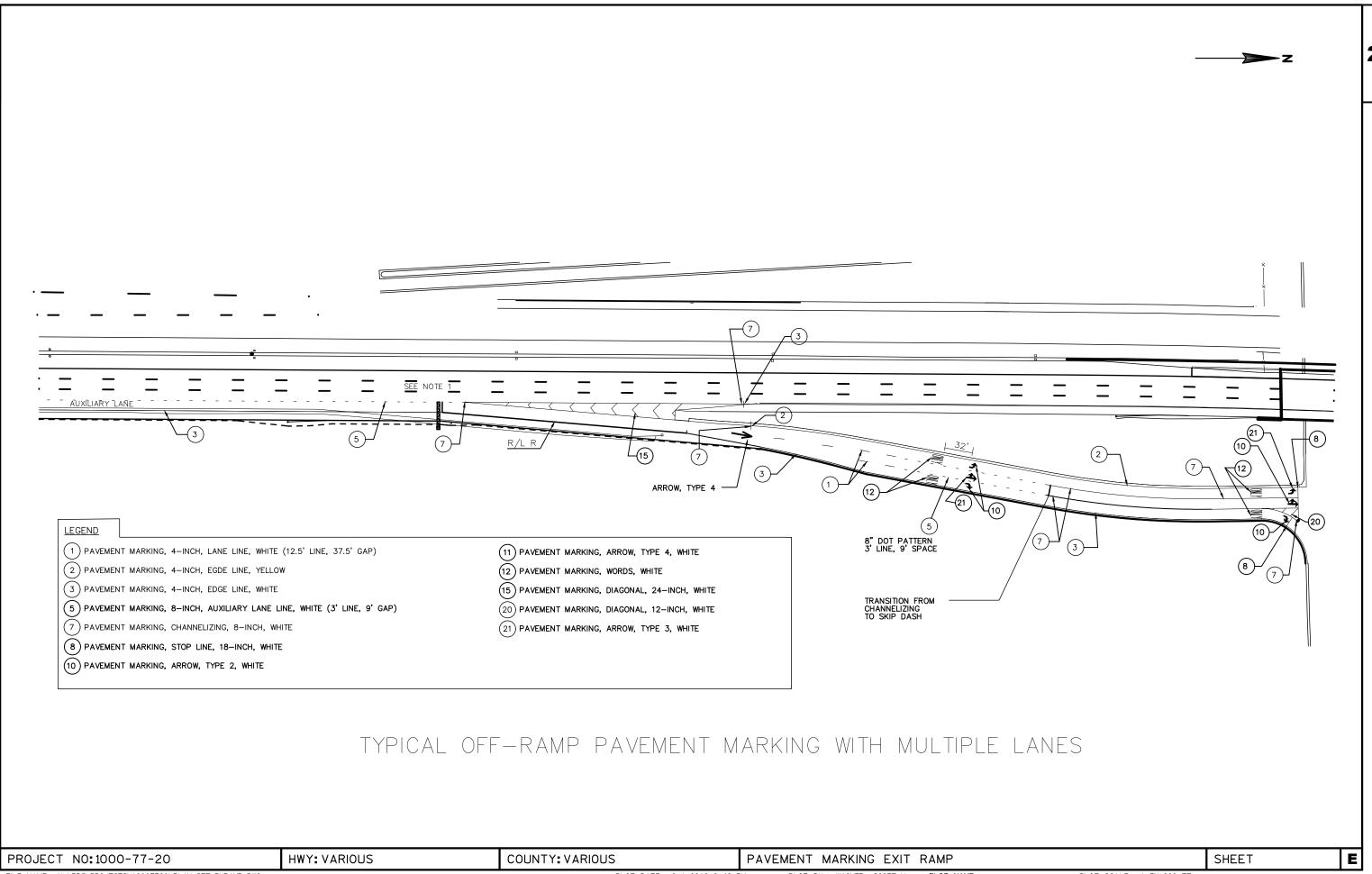
SHEET

E

LAYOUT NAME - 05

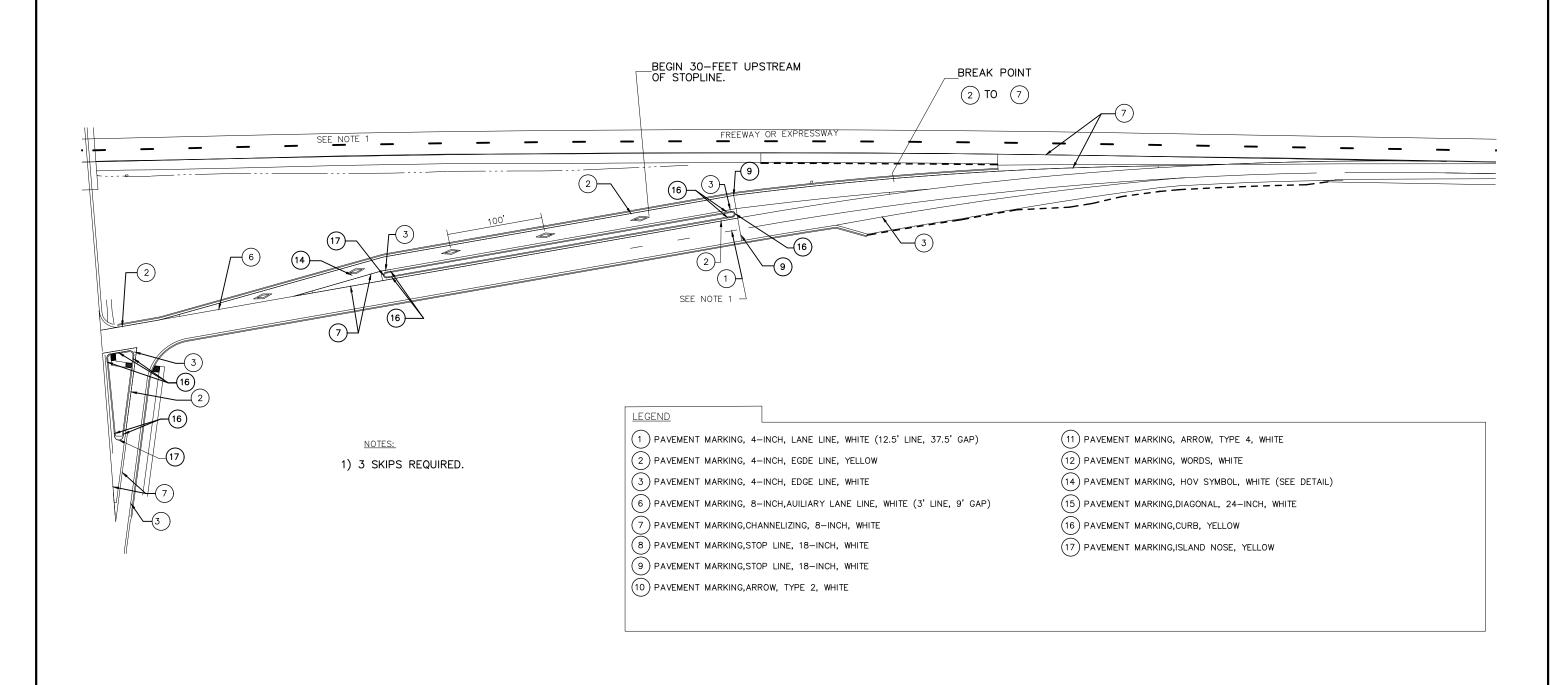
LAYOUT NAME - 06

DISTANCE TABLE POSTED OR 85TH PERCENTILE SPEED DISTANCE 40 670 45 775 -300' SOLID 8" CHANNELIZING IF AUXILIARY IS 1300 FEET OR GREATER IN LENGTH 50 885 55 990 60 1100 65 1200 70 1300 ─8" 3 FT LINE, 9 FT SPACE LANE LINE 4"-4" WHITE LANE LINE — 12.5' LINE, 37.5' SPACE FREEWAY OR EXPRESSWAY FREEWAY OR EXPRESSWAY LANE REDUCTION MARKINGS LANE DROP MARKINGS SERVICE INTERCHANGES PROJECT NO:1000-77-20 E HWY: VARIOUS COUNTY: VARIOUS LANE DROP & LANE REDUCTION, APPLICATION FWY & EXPRESSWAY SHEET



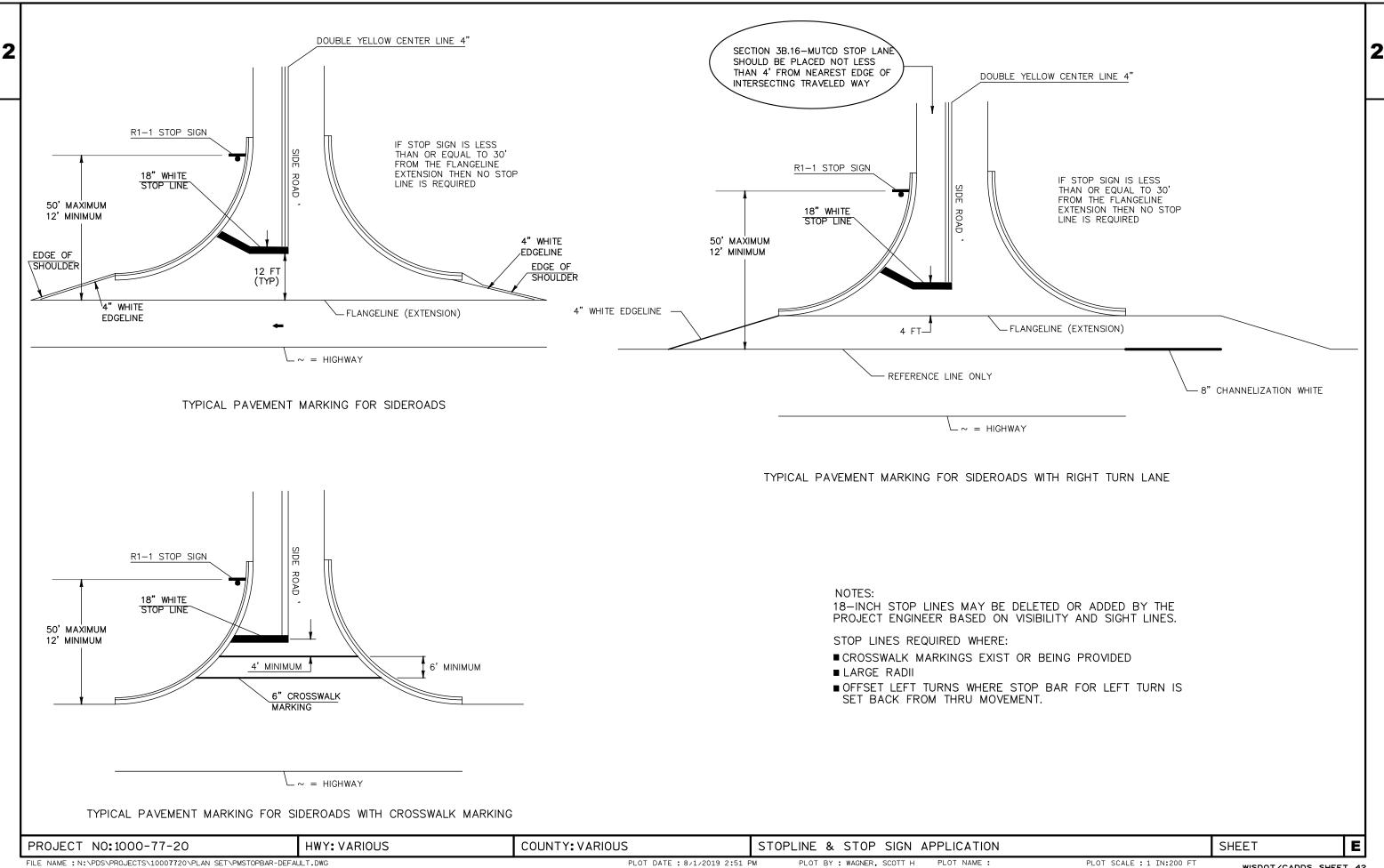
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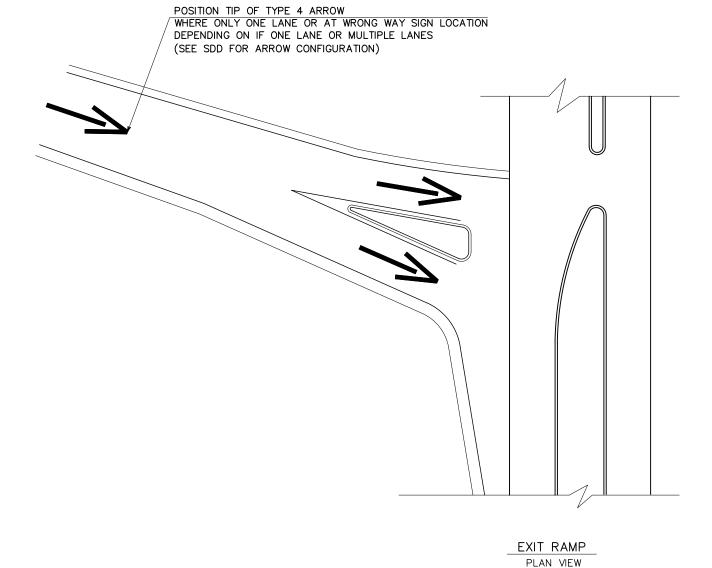
TYPICAL RAMP METER AND HOV LANE MARKING

PROJECT NO:1000-77-20 HWY: VARIOUS COUNTY: VARIOUS PAVEMENT MARKING, HOV SHEET **E**



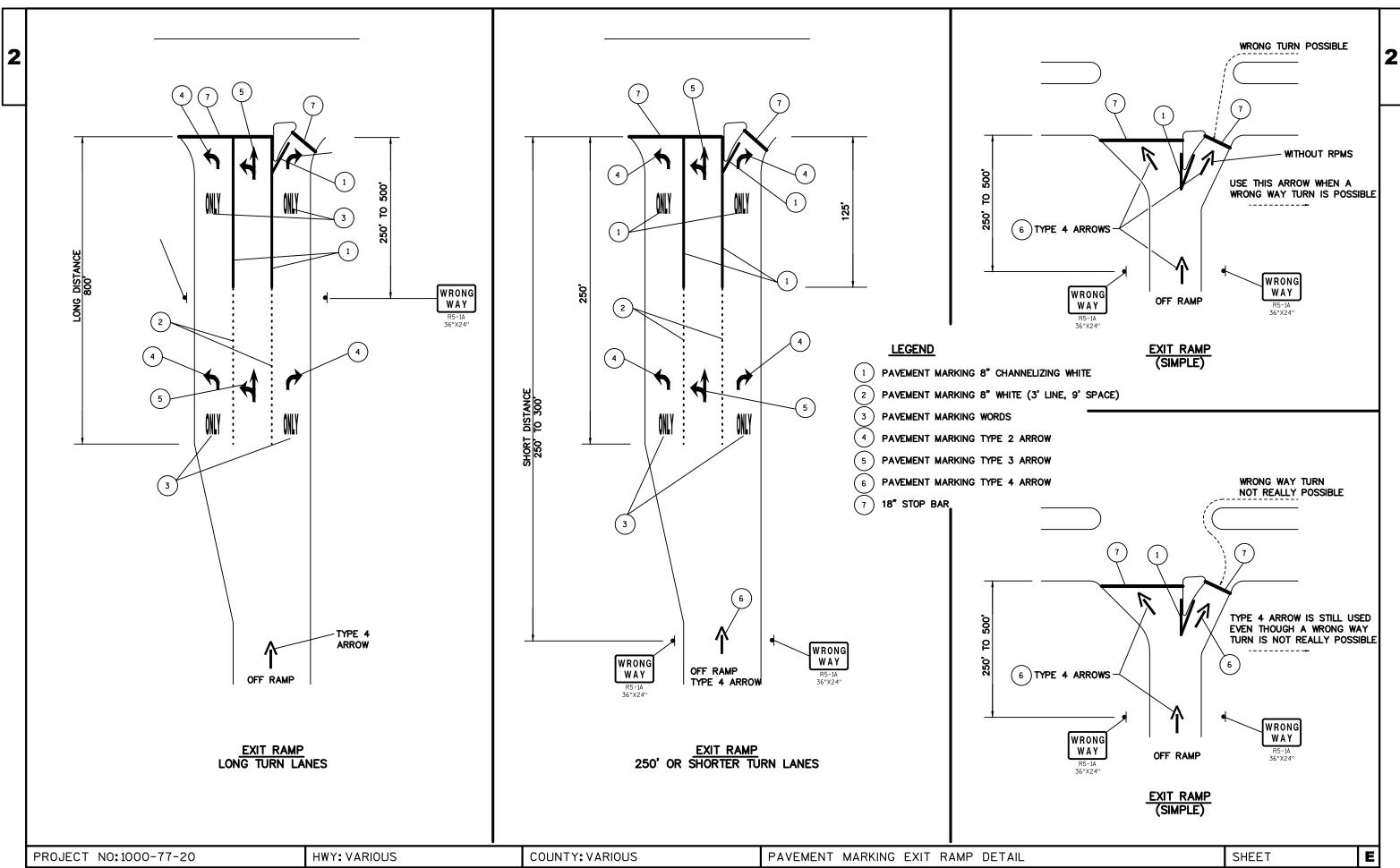
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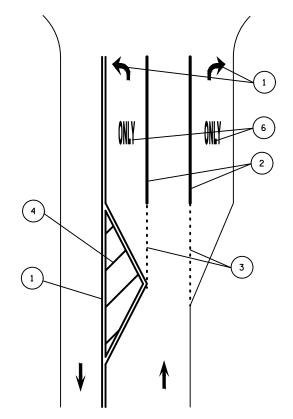
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(RAMPS & ARROWS)

PROJECT NO:1000-77-20 HWY:VARIOUS COUNTY:VARIOUS MARKINGS - WRONG WAY ARROW SHEET E



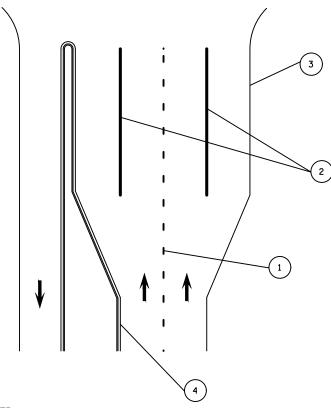


NOTE: IF SIGNALIZED ADD STOP BAR

TYPICAL ARROW/ONLY LANE USE MARKINGS FOR PAINTED CENTERLINE APPLICATION

LEGEND

- (1) PAVEMENT MARKING 4" DOUBLE YELLOW
- (2) PAVEMENT MARKING 8" CHANNELIZING WHITE
- (3) PAVEMENT MARKING 8" WHITE (3' LINE, 9' SPACE)
- (4) PAVEMENT MARKING 12" DIAGONAL YELLOW
- (5) PAVEMENT MARKING TYPE 2 ARROW
- (6) PAVEMENT MARKING WORDS

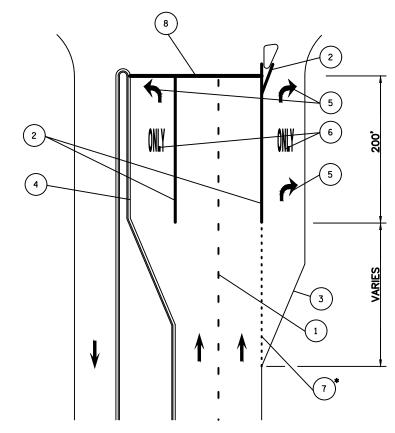


NOTE: IF OUTSIDE SHOULDER
IS NOT CURB & GUTTER THEN
ALWAYS USE EDGELINE
REGARDLESS OF SPEED LIMIT

TYPICAL NO ARROW/ONLY TURN LANES CURB & GUTTER MEDIAN UNSIGNALIZED SIDEROAD

LEGEND

- 1) PAVEMENT MARKING 4" LANE LINE WHITE (12.5' LINE, 37.5' SPACE)
- (2) PAVEMENT MARKING 8" CHANNELIZING WHITE
- (3) PAVEMENT MARKING 4" WHITE EDGELINE 45 MPH & GREATER
- (4) PAVEMENT MARKING 4" YELLOW EDGELINE 45 MPH & GREATER



NOTE: SIGNALIZED INTERSECTION

7 DOT PATTERN NOT NEEDED
IF CURB & GUTTER UNLESS
ON CURVE

TYPICAL MARKING AT SIGNALIZED INTERSECTION CURB & GUTTER MEDIAN

LEGEND

- $\left(\begin{array}{c}1\end{array}\right)$ PAVEMENT MARKING 4" LANE LINE WHITE (12.5' LINE, 37.5' SPACE)
- 2) PAVEMENT MARKING 8" CHANNELIZING WHITE
- (3) PAVEMENT MARKING 4" WHITE EDGELINE 45 MPH & GREATER
- (4) PAVEMENT MARKING 4" YELLOW EDGELINE 45 MPH & GREATER
- 5 PAVEMENT MARKING TYPE 2 ARROW
- 6 PAVEMENT MARKING WORDS
- 7 PAVEMENT MARKING 8" WHITE (3' LINE, 9' SPACE)
- (8) PAVEMENT MARKING 18" STOP LINE

PROJECT NO:1000-77-20

HWY: VARIOUS

COUNTY: VARIOUS

PAVEMENT MARKING DETAIL

SHEET

Γ

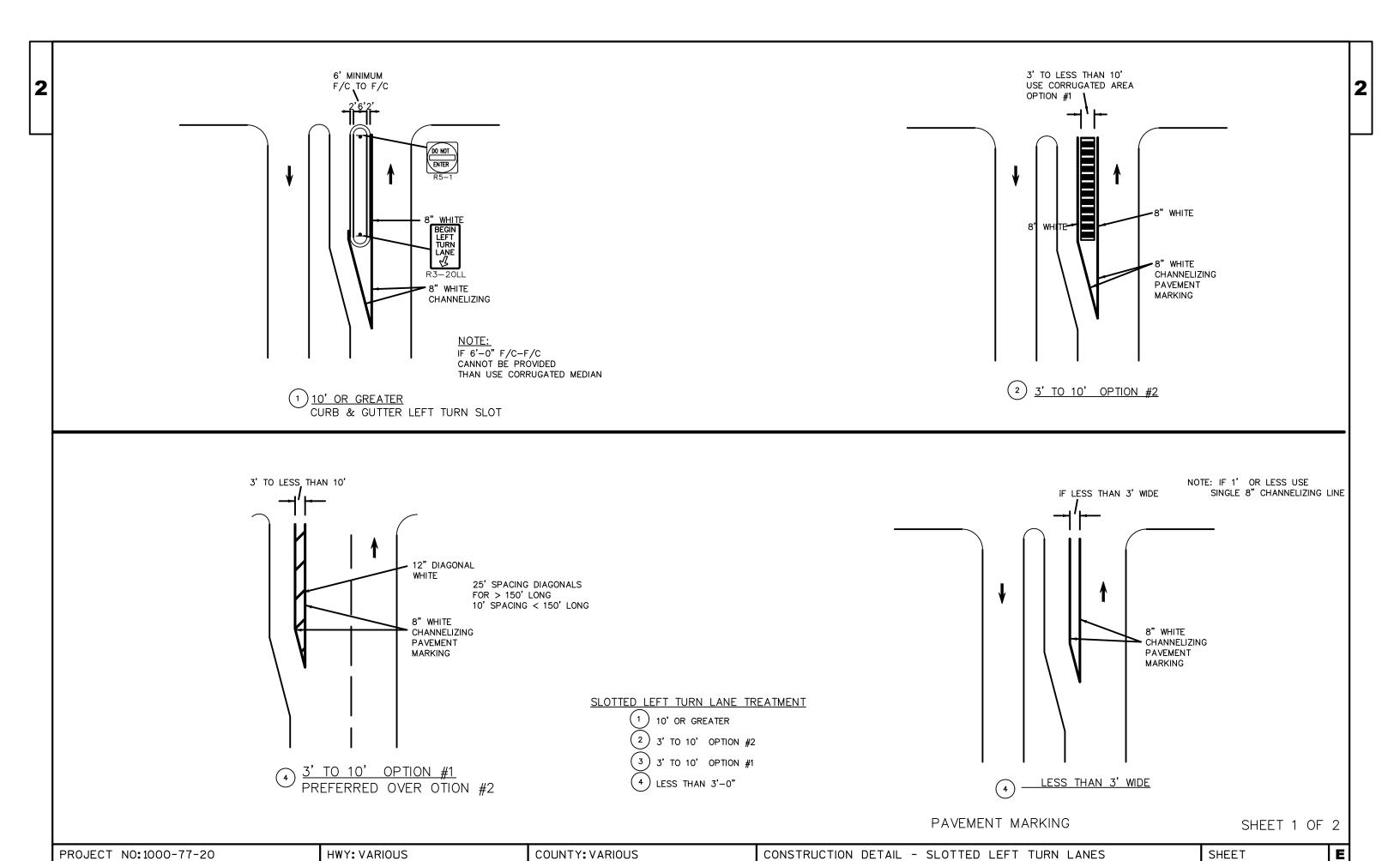
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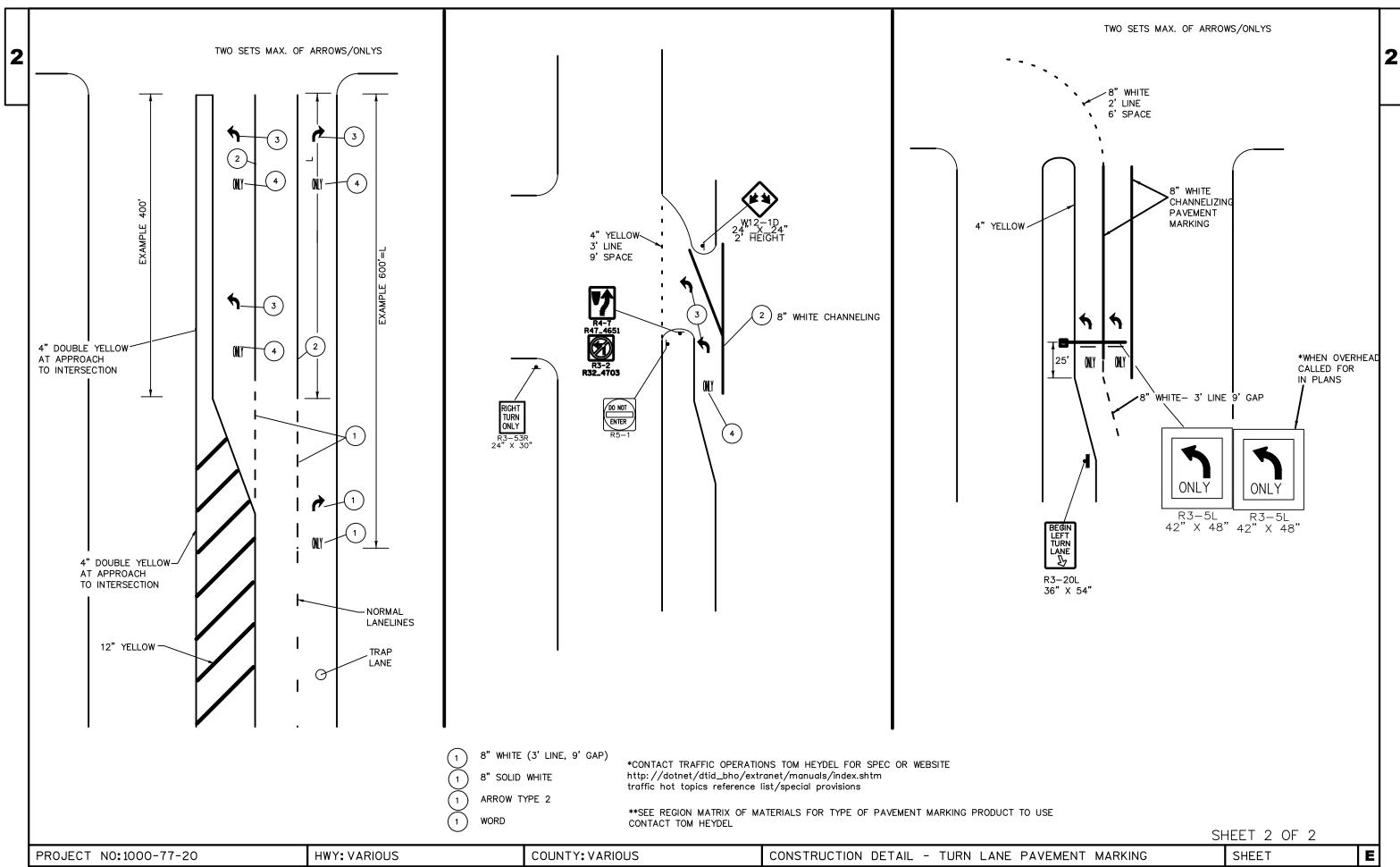
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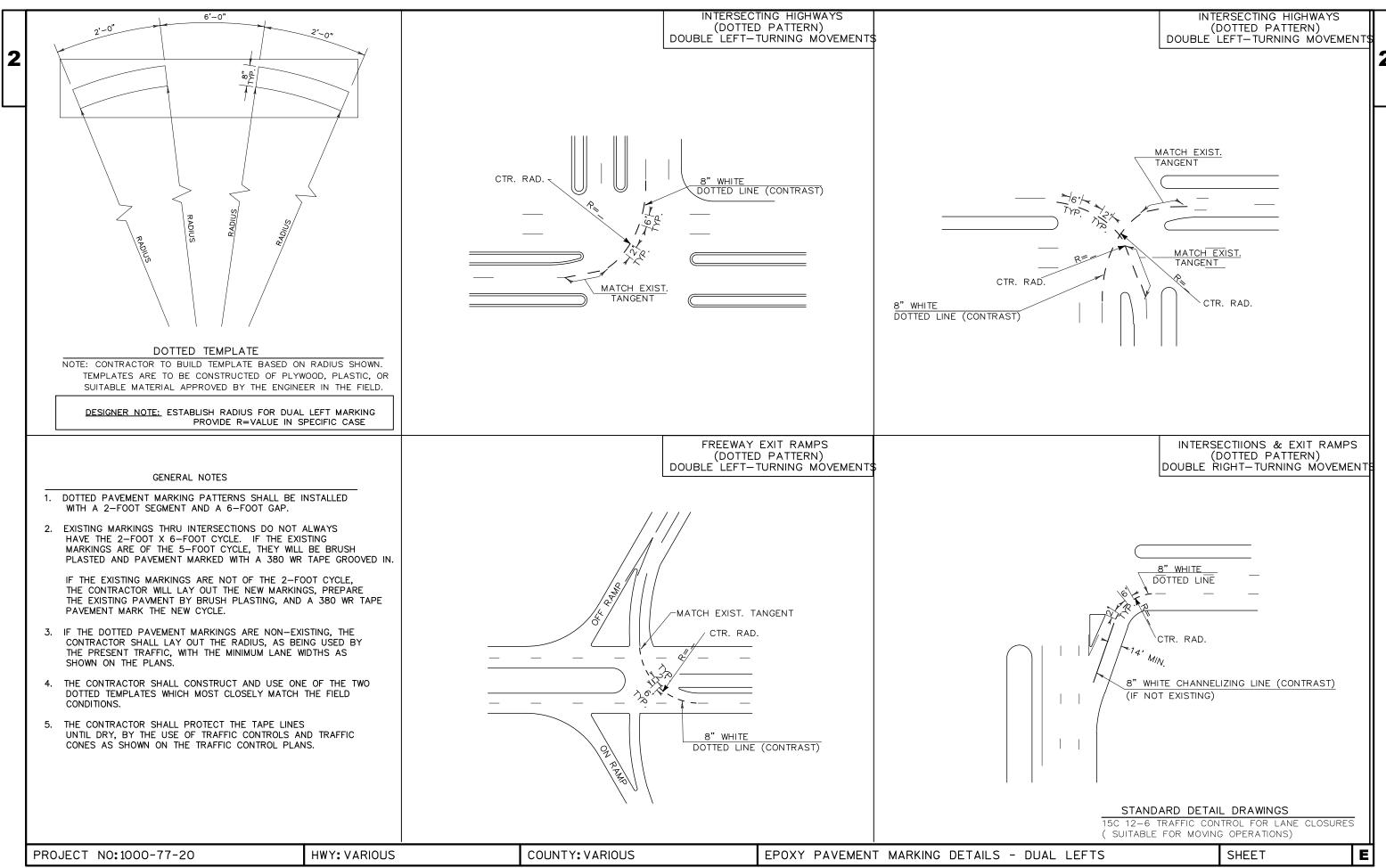
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PLOT BY: WAGNER, SCOTT H PLOT NAME:

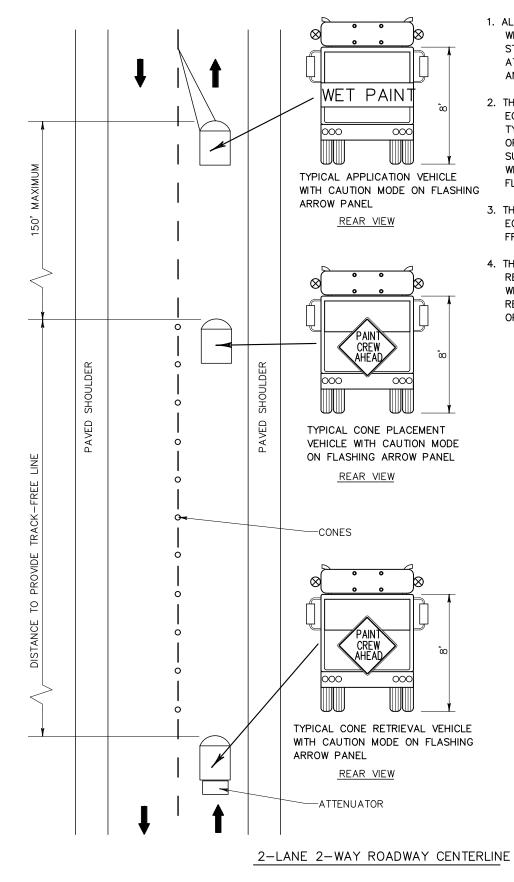
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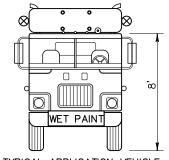






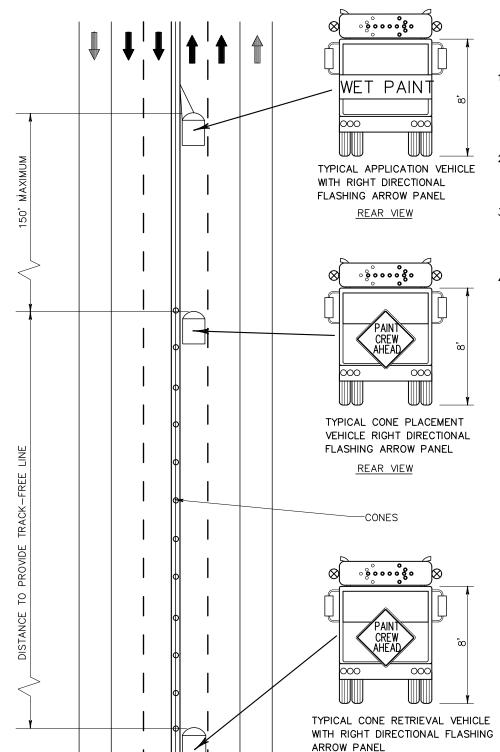


- 1. ALL VEHICLES SHALL BE EQUIPPED WITH ROTATING YELLOW BEACONS OR STROBE LIGHTS MOUNTED SUCH THAT AT LEAST ONE CAN BE SEEN FROM ANY APPROACH ANGLE.
- 2. THE APPLICATION VEHICLE SHALL BE EQUIPPED WITH FRONT AND REAR FACING TYPE A OR B FLASHING ARROW PANELS OPERATING IN CAUTION MODE. ALL SUBSEQUENT VEHICLES SHALL BE EQUIPPED WITH A REAR FACING TYPE A OR B FLASHING ARROW PANEL.
- 3. THE APPLICATION VEHICLE SHALL BE EQUIPPED WITH "WET PAINT" SIGNS FRONT AND REAR.
- 4. THE CONE PLACEMENT VEHICLE AND CONE RETRIEVAL VEHICLE SHALL BE EQUIPPED WITH A "PAINT CREW AHEAD" SIGN AND A REAR FACING FLASHING ARROW PANEL OPERATING IN CAUTION MODE.



TYPICAL APPLICATION VEHICLE WITH CAUTION MODE ON FLASHING ARROW PANEL

FRONT VIEW



- 1. ALL VEHICLES SHALL BE EQUIPPED WITH ROTATING YELLOW BEACONS OR STROBE LIGHTS MOUNTED SUCH THAT AT LEAST ONE CAN BE SEEN FROM ANY APPROACH ANGLE.
- 2. ALL VEHICLES SHALL BE EQUIPPED WITH A TYPE A OR B FLASHING ARROW PANEL.
- 3. THE APPLICATION VEHICLE SHALL BE EQUIPPED WITH "WET PAINT" SIGNS FRONT AND REAR AND A RIGHT DIRECTIONAL FLASHING ARROW PANEL FACING THE REAR.
- 4. THE CONE PLACEMENT VEHICLE AND CONE RETRIEVAL VEHICLE SHALL BE EQUIPPED WITH A "PAINT CREW AHEAD" SIGN AND A REAR FACING RIGHT DIRECTIONAL FLASHING ARROW PANEL.

4 OR 6 LANE 2-WAY ROADWAY CENTERLINE

REAR VIEW

-ATTENUATOR

COUNTY: VARIOUS HWY: VARIOUS

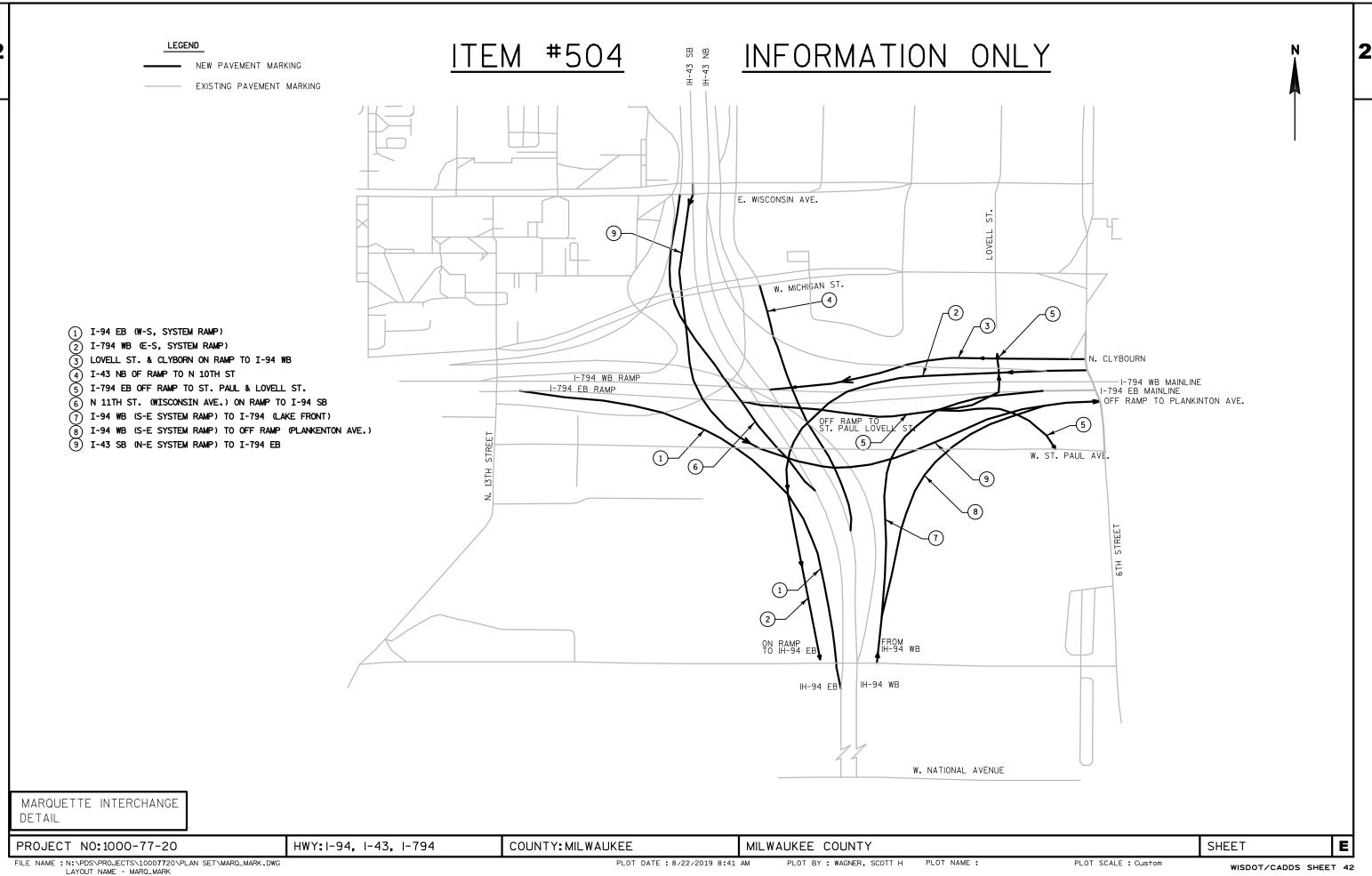
TRAFFIC CONTROL MOVING OPERATION PLOT BY: WAGNER, SCOTT H PLOT NAME:

WISDOT/CADDS SHEET 42

SHEET

E

PROJECT NO:1000-77-20



Page	1
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					1000-77-20
Line	Item	Item Description	Unit	Total	Qty
0002	619.1000	Mobilization	EACH	1.000	1.000
0004	646.1020	Marking Line Epoxy 4-Inch	LF	1,130,045.000	
0006	646.3020	Marking Line Epoxy 8-Inch	LF	100,987.000	100,987.000
8000	646.5020	Marking Arrow Epoxy	EACH	21.000	21.000
0010	646.5120	Marking Word Epoxy	EACH	20.000	20.000
0012	646.5220	Marking Symbol Epoxy	EACH	10.000	10.000
0014	646.5320	Marking Railroad Crossings Epoxy	EACH	6.000	6.000
0016	646.5420	Marking Aerial Enforcement Bar Epoxy	EACH	16.000	16.000
0018	646.6120	Marking Stop Line Epoxy 18-Inch	LF	288.000	288.000
0020	646.6220	Marking Yield Line Epoxy 18-Inch	EACH	50.000	50.000
0022	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	100.000	100.000
0024	646.7120	Marking Diagonal Epoxy 12-Inch	LF	100.000	100.000
0026	646.7220	Marking Chevron Epoxy 24-Inch	LF	18.000	18.000
0028	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	244.000	244.000
0030	646.7520	Marking Crosswalk Epoxy Ladder Pattern 24-Inch	LF	1,100.000	1,100.000
0032	646.8120	Marking Curb Epoxy	LF	10.000	10.000
0034	646.8220	Marking Island Nose Epoxy	EACH	1.000	1.000
0036	646.9000	Marking Removal Line 4-Inch	LF	2,000.000	2,000.000
0038	646.9100	Marking Removal Line 8-Inch	LF	100.000	100.000
0040	646.9200	Marking Removal Line Wide	LF	18.000	18.000
0042	646.9300	Marking Removal Special Marking	EACH	10.000	10.000
0044	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	900.000	900.000
0046	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	850.000	850.000
0048	SPV.0090	Special 01. Pavement Marking Epoxy Contrast 4-Inch	LF	1,000.000	1,000.000
0050	SPV.0090	Special 02. Pavement Marking Epoxy Contrast 8-Inch	LF	10.000	10.000
0052	SPV.0090	Special 03. Marking Removal Line Grooved Tape 8"	LF	24.000	24.000
0054	SPV.0090	Special 04. Marking Removal Line Thermoplastic 18"	LF	24.000	24.000
0056	SPV.0090	Special 05. Marking Removal Line Contrast Tape 8"	LF	24.000	24.000
0058	SPV.0090	Special 06. Marking Removal Line Grooved Tape 4"	LF	100.000	100.000
0060	SPV.0105	Special 01. Traffic Control	LS	1.000	1.000

Epoxy Pavement Marking - 2020	646.1020	SPV.0090.01	646.9000	SPV.0090.06	646.7420	646.3020	SPV.0090.02	646.9100	646.7120	646.9200	646.7220	646.6220	646.6120	646.6320	646.5420	646.7520	646.5020	646.5220	646.5120	646.9300	646.8120	646.8220	646.5320	SPV.0090.03	SPV.0090.04	SPV.0090.05
Var. Hwy (1000-77-20)	MARKING LINE EPOXY	Pav. Mrkng	Marking	Marking	Marking	MARKING LINE	Pav. Mrkng	Marking	Marking	Marking	Marking	Marking	Marking	Marking	Marking	Mrkng Crosswalk	Marking	Marking	Marking	Marking	Marking	Marking	Marking	Marking	Marking	Marking
SE Region Wide	MAIN LINE	Ероху	Removal	Removal line	Cross Walk Epoxy	EPOXY	Ероху	Removal	Diagonal	Removal	CHEVRONS	Yield line	Stop Line	Dotted Extnsn	Aerial	Epoxy Ladder	Arrow	Symbols	Word	Removal	Curb	sland Nos	Railroad	Removal line	Removal line	Removal line
	Lane line, Edge line, Mini Skips	Contrast (white)	line	Grooved Tape	Transverse Line	Gore, Channelizing	Contrast (white)	line	Ероху	line Wide	Ероху	Ероху	Ероху	Ероху	Enforcement	Pattern	Ероху	Ероху	Ероху	Special	Ероху	Ероху	Crossings	Grooved Tape	Thermoplastic	Contrast tape
	4-IN	4- IN	4 - IN	4-IN	6-IN	8-IN	8- IN	8-IN	12-IN		24-IN	18-IN	18-IN	18-IN	Bar Epoxy	24-IN				Marking			Ероху	8-IN	18-IN	8-IN
FINAL SUMARY: MILE (S)	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EA.	EA.	EA.	EA.	L.F.	EA.	E.A.	LF.	L.F.	L.F.
HIGHWAY (Laboratory) (TTAKE TOO TOT) 44 TO	0704.00	٥	٥	^	٥	00040	٥	٨	٥	٨	•	٨	٨	٥	٥	٥	٨	٥	٥	٥	٥	•	٥	٥	٨	0
HIGHWAYS (Interstates) (ITEMS 500 -507) 44.73	870166	U	U	U	U	80619	U	U	U	U	U	U	U	U	U	0	U	U	U	U	U	U	U	U	U	U
MULTI- LANE NON FWY (Items 600 - 601) 7.93	204879	0	0	0	0	15168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UNDISTRIBUTED QUANTITIES (ITEMS 700-729) 0.3 (VAR. LOCATIONS TO BE DETERMINED)	55000	1000	2000	100	244	5200	10	100	100	18	18	50	288	100	16	1100	21	10	20	10	10	1	6	24	24	24
Totals 52.96	1130045	1000	2000	100	244	100987	10	100	100	18	18	50	288	100	16	1100	21	10	20	10	10	1	6	24	24	24

				ent Marking - 2020	INFORMATION ONLY	646.1020	SPV.0090.01	646.1040	646.1545	646.9000	SPV.0090.06	646.7420	646.3020
		V		(1000-77-20)		MARKING LINE EPOXY	Pav. Mrkng	Marking Line	Marking Line	Marking	Marking	Marking	MARKING LINE
			SE Re	gion Wide		MAIN LINE	Ероху	Grooved Wet	Grooved Wet Ref			Cross Walk Epoxy	EPOXY
						Lane line, Edge line, Mini Skips			Contrast Epoxy		Grooved Tape		
	SUMMAR		i	1		4-IN	4- IN	4-IN	4- IN	4 - IN	4-IN	6-IN	8-IN
Item#	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
500	KENOSHA	IH 94	3.25	STH 142 INTER. TO STH 50 INTER.		107409	0	0	0	0	0	0	20257
501	MILWAUKEE	STH 175	2.75	W LISBON AVE TO STH 59 (W. NATIONAL AVE)		105115	0	0	0	0	0	0	16062
502	MILWAUKEE	IH 94	4.3	CTH BB (E. RAWSON AVE) TO W HOWARD AVE INTER. (RAMPS ONLY)		48760	, 0	0	0	0	0	0	7752
503	MILWAUKEE	IH 894/ IH 43	1.75	STH 36 (LOOMIS RD) TO STH 241 (SO. 27TH ST)		23570	0	0	0	0	0	0	2370
504	Milwaukee	IH 94, IH 43 & IH 794	12.67	MARQ. INTER. TO E. NATIONAL AVE. ON 194/143 & Misc. Ramps		23288	0	0	0	0	0	0	0
505	WALW.	USH 12	9.9	STH 67 INTER. TO 2500' NORTH OF STH 50 INTER.		260775	0	0	0	0	0	0	15620
506	WAUK	STH 16 (BYPASS)	6	(OCONOMOWOC) STH 16 & 67 SPLIT INTER. TO JEFFERSON CO.LINE		153645	0	0	0	0	0	0	8828
507	MILW.	STH 145	4.11	W. GRANTOSA DR INTER. TO .35 MI N OF IH 41 (OVERPASS)		147604	0	0	0	0	0		9730
			44.73		Totals	870166	0	0	0	0	0	0	80619

SHEET: 1 OF 12

PROJECT NO:1000-77-20 HWY:VARIOUS COUNTY:VARIOUS MISCELLANEOUS QUANTITIES SHEET: **E**

				Epoxy Pavement Marking - 2020		646.1020	SPV.0090.01	646.1040	646.1545	646.9000	646.7420	646.3020	I
1				Var. Hwy (1000-77-20)		MARKING LINE EPOXY	Pav. Mrkng	Marking Line	Marking Line	Marking	Marking	MARKING LINE	╟
				SE Region Wide		MAIN LINE	Ероху	Grooved Wet	Grooved Wet Ref	Removal	Cross Walk Epoxy	EPOXY	
ı	MULTI-NONFRWY,					Lane line, Edge line, Mini Skips	Contrast (white)	Contrast (white)	Contrast Epoxy	line	Transverse Line	Gore, Channelizing	4
	SUM	IMARY		_		4-IN	4- IN	4-IN	4- IN	4 - IN	6-IN	8-IN	•
	ITEM#	COUNTY	HWY		MILES	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	Ш
							-	-	-	-	-	-	
	600	MILW.	STH 36	SO. 51st ST. TO E. OF STH 100	5.6	146564	0	0	0	0	0	12968	
	601	OZAUKEE	STH 32	500' NE OF IH 43 INTER. TO CTH LL (INTERSECTION)	2.33	58315							
													Ш
												2200	Ш
				TOTALS	7.93	204879	0	0	0	0	0	15168	$\ $

				Marking - 2020	INFORMATION ONLY	646.1020	SPV.0090.01	646.9000	SPV.0090.06	646.7420	646.3020	SPV.0090.02	646.9100	646.7120	646.9200	646.7220	646.6220	646.6120	646.6320	646.5420	646.7520	646.5020	646.5220	646.5120	646.9300	646.8120	646.8220	646.5320	SPV.0090.03	SPV.0090.04	SPV.0090.05
				00-77-20)		MARKING LINE EPOXY	Pav. Mrkng	Marking	Marking	Marking	MARKING LINE	Pav. Mrkng	Marking	Marking	Marking	Marking	Marking	Marking	Marking	Marking	Mrkng Crosswal	k Marking	Marking	Marking	Marking	Marking	Marking	Marking	Marking	Marking	Marking
			SE Regior	n Wide		MAIN LINE	Ероху	Removal	Removal line	Cross Walk Epoxy	EPOXY	Ероху	Removal	Diagonal	Removal	CHEVRONS	Yield line	Stop Line	Dotted Extnsn	Aerial	Epoxy Ladder	Arrow	Symbols	Word	Removal	Curb	Island Nose	Railroad	Removal line	Removal line	Removal line
						Lane line, Edge line, Mini Skips	Contrast (white	line	Grooved Tape	Transverse Line	Gore, Channelizing	Contrast (white)	line	Ероху	line Wide	Ероху	Ероху	Ероху	Ероху	Enforcement	Pattern	Ероху	Ероху	Ероху	Special	Ероху	Ероху	Crossings	Grooved Tape	Thermoplasti	c Contrast tape
	UMMARY					4-IN	4- IN	4 - IN	4-IN	6-IN	8-IN	8- IN	8-IN	12-IN	-	24-IN	18-IN	18-IN	18-IN	Bar Epoxy	24-IN				Marking			Ероху	8-IN	18-IN	8-IN
Item#	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	LF.	L.F.	L.F.	LF.	L.F.	LF.	L.F.	LF.	L.F.	L.F.	LF.	LF.	L.F.	EA.	L.F.	L.F.	EA.	EA.	EA.	EA.	LF.	EA.	E.A.	L.F.	L.F.	L.F.
700 THRU 729	VAR	VAR	0.3	THOUGHOUT SEREGION (STATE WIDE)	TO BE DETERMINED	55000	1000	2000	100	244	5200	10	100	100	18	18	50	288	100	16	1100	21	10	20	10	10	1	6	24	24	24
			0.3		Totals	55000	1000	2000	100	244	5200	10	100	100	18	18	50	288	100	16	1100	21	10	20	10	10	1	6	24	24	24

SHEET: 2 OF 12

PROJECT NO:1000-77-20 HWY:VARIOUS COUNTY:VARIOUS MISCELLANEOUS QUANTITIES SHEET: **E**

PLOT NAME: 030501_mq.pdf

									•				•	
			Epo	oxy Pavement Marking Var. Hwy (1000-77-2	(- 2020 (n)	INFORMATION ONLY	646.1020 MARKING LINE EPOXY	SPV.0090.01 Pav. Mrkng	646.1040 Marking Line	646.1545 Marking Line	646.9000 Marking	SPV.0090.06 Marking	646.7420 Marking	646.3020 MARKING LINE
				SE Region Wide			MAIN LINE	Ероху	Grooved Wet	Grooved Wet Ref	Removal	Removal line	_	
							Lane line, Edge line, Mini Skips			Contrast Epoxy	line	Grooved Tape		
Item #	SUMMARY County	HW/	Y Miles	İ	LOCATION	REMARKS / COMMENTS	4-IN L.F.	4- IN L.F.	4-IN L.F.	4- IN L.F.	4 - IN L.F.	4-IN L.F.	6-IN L.F.	8-IN L.F.
500	KENOSHA				STH 142 INTER. TO STH 50 INTER.	MAIN LINE & RAMPS WORK	78877	L.F.	Ŀг.	L.F.	L.F.	L.F.	L.F.	2000
1	K211001#K	5	. 5.25			PAINT: 4" E.L. AND L.L. & 8", EXISTING "DOT PATTERNS" CHANNELIZING MRKNGS	75577							2000
						EPOXY " WHITE"								
						REFRESH / OR PAINT EXISTING "WHITE" MARKINGS WHERE APPLICABLE: LANE DROP MARKINGS								
						LANE REDUCTION MARKING	s							
]							
						GENERAL NOTE 1, ONLY THE WHITE PORTION OF ANY EXISTING CHANNELIZED								
4						8", " CONTRAST TAPE" , OR 4" LANE LINE (C.T.) SHALL BE EPOXIED, WHERE APLICABLE;								
						GENERAL NOTE 2, PAINT 8" GORES, INCL BOTH MAIN LINE & TERMINI AREA(S)								
					STH 142 (BURLINGTON RD)	SHALL BE EPOXIED (WHITE) MARKINGS	o.							
					3111 2-12 (3011E11010111D)		1							
				LONG LINE MARKINGS :		PAINTING ALL EXISTING MARKING (E.L. , L.L. AND EXISTING 8" CHAN.)								
					NB OFF RAMP NB ON RAMP	NOTE: NO CROSS ROAD / UNDERPASS WORK	1800							670
					SB OFF RAMP		2200 1720							667 832
					SB ON RAMP		1600							1150
						NOTE : NO SPECIAL MARKINGS								
					STH 158 INTERCHANGE									
					311 136 INTERCHANGE		1							
				LONG LINE MARKINGS :		PAINTING ALL EXISTING MARKING (E.L. , L.L. AND EXISTING 8" CHAN.)								
					NB OFF RAMP	NOTE: NO CROSS ROAD / UNDERPASS WORK	2200							1660
					NB ON RAMP SB OFF RAMP		2600 2000							1400 1000
					SB ON RAMP		2700							1300
						NOTE : NO SPECIAL MARKINGS								
					STH 50									
					511130		1							
				LONG LINE MARKINGS :		PAINTING ALL EXISTING MARKING (E.L. , L.L. AND EXISTING 8" CHAN.)								
					NB OFF RAMP(TO 75TH ST)	NOTE: NO CROSS ROAD / UNDERPASS WORK	2000							2205
					SERVICE RD (75TH ST TO 71 ST)		1806							530
					NB ON RAMP (FROM 71ST)		2200							1755
					SB OFF RAMP (TO 71 ST)	NOTE : NO SPECIAL MARKINGS	2000							1800
					SERVICE RD (71TH ST TO 75 ST)		1806							588
					SB ON RAMP (FROM 75 ST)		1900							2700
500	KENOSHA	IH 9	4 3.25	ST	TH 142 INTER. TO STH 50 INTER.	Totals	107409	0	0	0	0	0	0	20257

SHEET: 3 OF 12

PROJECT NO:1000-77-20 HWY:VARIOUS COUNTY:VARIOUS MISCELLANEOUS QUANTITIES SHEET: **E**

Ерох	xy Pavement Marking - 2020 Var. Hwy (1000-77-20) SE Region Wide	INFORMATION ONLY	MARKING LINE EPOXY Pav. Mrkng Marking Line Marking Line Marking Mindline Marking Line Line Line Line Line Line Line Line	0090.06 646.7420 646.3020 arking Marking MARKING LINE cross Walk Epoxy ved Tape Transverse Line Gore, Channelizing
SUMMARY Item# County HWY Miles	s LOCATION	REMARKS / COMMENTS	4-IN 4-IN 4-IN 4-IN 4-IN	4-IN 6-IN 8-IN L.F. L.F.
501 MILWAUKEE STH 175 2.75	6 W LISBON AVE TO STH 59 (W. NATIONAL AVE)	PAINT: 4" or 8", EXISTING "DOT PATTERNS" CHANNELIZING MRKNGS EPOXY " WHITE" ON STH 175. REFRESH / OR PAINT EXISTING "WHITE" MARKINGS WHERE APPLICABLE: LANE DROP MARKINGS	79860	500
		LANE REDUCTION MARKINGS	<u>s</u>	
		GENERAL NOTE 1, ONLY THE WHITE PORTION OF ANY EXISTING CHANNELIZED 8", " CONTRAST TAPE", SHALL BE EPOXIED, WHERE APLICABLE;		
		GENERAL NOTE 2 , PAINT 8" GORES, INCL BOTH MAIN LINE & TERMINI AREA(S) SHALL BE EPOXIED (WHITE) MARKINGS	5.	
		GENERAL NOTE 3, PAINT ALL 4", " <u>LANE LINE, EDGE LINES &</u> <u>EXISTING 8" CHAN</u> . MARKINGS ON ALL RAMPS,{WHERE APLICABLE}	2)	
	W LISBON AVE NB OFF RAMP/ MAIN LINE	PAINT: 8" CHANNELIZING MRKNGS & EXISTING "DOT PATTERN" " WHITE MARKINGS		400
	SB ON RAMP/ MAIN LINE	PAINT: 8. CHANNELIZING MIKKINGS & EXISTING DOT PATTERN WITHE MARKINGS ATSIGNAL INTERSECTION (W. LISBON AVE) PAINT: EXISTING 8" CHANNELIZIED TAPE MRKNGS " WHITE" EPOXY.		250
	W LIOYD ST NB OFF RAMP	PAINT: 8" CHANN. & "DOT PATTERN" AND OR "GORE" WHITE MARKINGS AT TERMINI	2000	275
	MAIN LINE GORE	PAINT: 8" CHANNELIZING MRKNGS & EXISTING "DOT PATTERN" " WHITE MARKINGS LANE REDUCTION MARKINGS	1000	1000 225
	SB ON RAMP MAIN LINE GORE	E		700
	W WASHINGTON BLVD NB OFF RAMP	PAINT: 8" CHANN. & "DOT PATTERN" AND OR "GORE" WHITE MARKINGS AT TERMINI	1700	150
		PAINT: 8" CHANNELIZING MRKNGS & EXISTING "DOT PATTERN" " WHITE MARKINGS	1700	790
	N ALOIS ST	NOTE: DO NOT REFRESH 4" CONTRAST MARKINGS (YELLOW TURKEY THOUGH INTERSECTION FOR LEFT TURN (BEING DONE BY OTHERS)		
	SB OFF RAMP	(1000-77-19, EPOXY PAV.MRKNG 2019) PAINT: 8" CHANN. & "DOT PATTERN" AND OR "GORE" WHITE MARKINGS AT TERMINI	850	120
	MAIN LINE GORE SB ON RAMP	REFRESH EXIT RAMP DOT PATTERNS (3'LINE,9' SPACE) PAINT: 8" CHANN. & "DOT PATTERN" AND OR "GORE" WHITE MARKINGS AT TERMINI	850	200
	MAIN LINE GORE			780
	STATE / VILET ST NB OFF RAMP		700	
	MAIN LINE GORE NB ON RAMP	E	700	700
	MAIN LINE GORE	E		300
	W WELL ST SB OFF RAMP		800	
	MAIN LINE GORE NB ON RAMP MAIN LINE GORE	PAINT: 8" CHANN. & "DOT PATTERN" AND OR "GORE" WHITE MARKINGS AT TERMINI REFRESH ON RAMP DOT PATTERNS (3'LINE,9' SPACE)/ LANE DROP MRKNGS	1600	900
	W WISCONSIN AVE	TELLICON NAME BOTTATIENTS (S ENERGY SAVE SHOT MININGS	<u>,</u>	1000
	NB OFF RAMP MAIN LINE GORE	E	600	74 200
	SB ON RAMP MAIN LINE GORE	REFRESH ON RAMP DOT PATTERNS (3'LINE,9' SPACE)/ LANE DROP MRKNGS	1000 S	533
	IH 94 (SYSTEM RAMPS)		1	
1	STH 175 (SB) NW SYSTEM RAMP		1650	
	(FROM THE NORTH TO WEST) MAIN LINE GORE NE SYSTEM RAMP		1600	600 800
	(FROM THE NORTH TO EAST) MAIN LINE GORE (FROM THE EAST TO SOUTH) MAIN LINE GORE	Ramp 4" E.L. (done by other Proj 1000-77-19)		500
	(FROM THE WEST TO SOUTH) MAIN LINE GORE			600
	SE SYSTEM RAMP		1400	
1	(FROM THE SOUTH TO EAST) MAIN LINE GORE SW SYSTEM RAMP (FROM THE SOUTH TO WEST) MAIN LINE GORE		2000	850 800
1	(FROM THE SOUTH TO WEST) MAIN LINE GORE			300
1	(FROM THE EAST TO NORTH) MAIN LINE GORE	Ramp 4" E.L. (done by other Proj 1000-77-19)		600
1	FREDERICK MILLER WAY INTERCHANGE	ALL 4" & 8" MARKINGS SHALL EXTEND TO SIGNALIZED INTERSECTION TERMINI(S) FOR NORTHBOUND AND SOUTH BOUND RAMPS.		
		REFRESH EXISTING: " <u>DOT PATTERNS</u> " & <u>LANE LINES</u> ON RAMP (S)		
		NOTE: DO NOT REFRESH 4" CONTRAST MARKINGS (YELLOW TURKEY TRACKS) THOUGH INTERSECTION FOR LEFT TURN (BEING DONE BY OTHERS)		
	NID OFF BLASS	(1000-77-19, EPOXY PAV.MRKNG 2019)	1540	
	NB OFF RAMP MAIN LINE GORE NB ON RAMP	E	1640 1625	690
	MAIN LINE GORE SB OFF RAMP	E PAINT: 8" GORES , INCL BOTH MAIN LINE & TERMINI AREA(S)	2000	250
	MAIN LINE GORE SB ON RAMP	PAINT: 8" GORES , INCL BOTH MAIN LINE & TERMINI AREA(S)	1540	475
	MAIN LINE GORE STH 59 INTERCHANGE (W NATIONAL AVE)		1	200
	NB ON RAMP MAIN LINE GORE			
	SB OFF RAMP MAIN LINE GORE	E		200 SHEET: 4 OF 12
501 MILWAUKEE STH 175 2.75	W LISBON AVE TO STH 59 (W. NATIONAL AVE)	Totals	105115 0 0 0 0	SHEET: 4 OF 12
PROJECT NO:1000-77-20	HWY:VARIOUS	COUNTY:VARIOUS	MISCELLANEOUS QUANTITIES	SHEET:
FILE NAME : N:\SPO\Operations\Pavement	•	PLOT DATE :AUGUST 25, 2019	PLOT BY : DONALD STEEL PLOT NAME : 030501_mq.pdf Pl	LOT SCALE : 1:1

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-20\Misc quantities Sumary/030501

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Т	F	I INFORMATION ONLY								
ı	Epoxy Pavement Marking - 2020 Var. Hwy (1000-77-20)	INFORMATION ONLY	646.1020 MARKING LINE EPOXY	SPV.0090.01 Pav. Mrkng	646.1040 Marking Line	646.1545 Marking Line	646.9000 Marking	SPV.0090.06 Marking	646.7420 Marking	646.3020 MARKING LINE
ı	SE Region Wide		MAIN LINE	Ероху	Grooved Wet	Grooved Wet Ref	Removal	Removal line	Cross Walk Epoxy	EPOXY
l			Lane line, Edge line, Mini Skips	Contrast (white)		Contrast Epoxy	line	Grooved Tape		Gore, Channelizing
ı	SUMMARY Item # County HWY Miles LOCATION	DENANDIKS / COMMATNITS	4-IN L.F.	4- IN L.F.	4-IN L.F.	4- IN	4 - IN L.F.	4-IN L.F.	6-IN L.F.	8-IN L.F.
1	Item# County HWY Miles LOCATION	REMARKS / COMMENTS GENERAL NOTE 1 , ONLY THE WHITE PORTION OF ANY EXISTING	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
	502 MILWAUKEE IH 94 4.3 CTH BB (E. RAWSON AVE) TO W HOWARD AVE INTER. (RAMPS	,								
		WHERE APLICABLE;								
		GENERAL NOTE 2, PAINT 8" GORES, INCL BOTH MAIN LINE & TERMIN								
ı		AREA(S)SHALL BE EPOXIED (WHITE) MARKING	5.							
ı		GENERAL NOTE 3, PAINT ALL 4", "LANE LINE, EDGE LINES &								
	CTH BB INTERCHANGE (E. RAWSON AVE)	EXISTING 8" CHAN. MARKINGS ON ALL RAMPS, (WHERE APLICABLE	=)							
ı	NB OFF RAMP		2400							360
l	NB ON RAMP	PAINT EXISTING 4" L.L.	2500							850
ı	CD OFF DAMP	DAINT SYICTING All L	2050							550
ĺ	SB OFF RAMP	PAINT EXISTING 4" L.L.	2850							550
1	SB ON RAMP	PAINT EXISTING 4" L.L.	2400							350
		GENERAL NOTE 3, PAINT ALL 4", "LANE LINE, EDGE LINES &								
ı	CTH ZZ INTERCHANGE (W. COLLEGE AVE)	EXISTING 8" CHAN. MARKINGS ON ALL RAMPS, (WHERE APLICABLE								
	NB OFF RAMP	REFRESH EXISTING "DOT PATTERNS"	1800							500
l	NB ON RAMP	PAINT EXISTING 4" L.L.	2000							
l		7,111, 2,101,110								
l	SB OFF RAMP	REFRESH EXISTING "DOT PATTERNS"	1800							690
ı										
ı	SB ON RAMP	PAINT EXISTING 4" L.L.	2100							120
ı		GENERAL NOTE 3, PAINT ALL 4", "LANE LINE, EDGE LINES &								
ı	STH 119 INTERCHANGE (AIRPORT SPUR)	EXISTING 8" CHAN. MARKINGS ON ALL RAMPS, (WHERE APLICABLE	E)							
l	NB OFF RAMP		1460							
l		IE "GORE" REFRESH EXISTING "DOT PATTERNS" MARKINGS								1600
ı	NB ON RAMP FROM AIRPORT SPUR MAIN LIN	IE "GORE" REFRESH EXISTING "DOT PATTERNS" MARKINGS	2100							950
l	SB OFF RAMP	END MARKINGS AT S. 13TH STR.	6600							930
l										
ı	ON RAMP (SB)	BEGIN MARKINGS AT S. 13TH STR.	6600							
ı		ALL 4" AND 8" MARKINGS SHALL END AT S. 13TH STREET UNDER PAS	S							
ı	W LAYTON AVE INTERCHANGE	GENERAL NOTE 3, PAINT ALL 4", "LANE LINE, EDGE LINES & EXISTING 8" CHAN. MARKINGS ON ALL RAMPS, (WHERE APLICABLI	=)							
l	NB OFF RAMP	EASTING O CITAL MAINTINGS ON ALL MAINTS, WHERE APLICABLE	2300							480
ĺ	THE OFF TO THE									
ĺ	NB ON RAMP		1700							250
ĺ										
	SB OFF RAMP		2000							277
	SB ON RAMP		1600							250
ĺ										
ĺ		GENERAL NOTE 3, PAINT ALL 4", "LANE LINE, EDGE LINES &								
ĺ	W HOWARD AVE INTERCHANGE	EXISTING 8" CHAN. MARKINGS ON ALL RAMPS, (WHERE APLICABLE	<u>:) </u>							
ĺ										
ĺ										
l	NB OFF RAMP		1700							200
l										
l	NB ON RAMP		1650							
	SB OFF RAMP		1600							325
	JU OIT INNIVIE		1000							323
ĺ	SB ON RAMP		1600							
				1	T	1		1	1	T
1	502 MILWAUKEE IH 94 4.3 CTH BB (E. RAWSON AVE) TO W HOWARD AVE INTER. (RAMPS	S ONLY) Totals	48760	0	0	0	0	0	0	7752
1										

SHEET: 5 OF 12

PROJECT NO:1000-77-20 HWY:VARIOUS COUNTY:VARIOUS MISCELLANEOUS QUANTITIES SHEET: **E**

3

		Ероху	Paveme	nt Marking - 2020	INFORMATION ONLY	646.1020	SPV.0090.01	646.1040	646.1545	646.9000	SPV.0090.06	646.7420	646.3020
		V	ar. Hwy ((1000-77-20)		MARKING LINE EPOXY	Pav. Mrkng	Marking Line	Marking Line	Marking	Marking	Marking	MARKING LINE
			SE Reg	ion Wide		MAIN LINE	Ероху	Grooved Wet	Grooved Wet Ref	Removal	Removal line	Cross Walk Epoxy	EPOXY
						Lane line, Edge line, Mini Skips	Contrast (white)	Contrast (white)	Contrast Epoxy	line	Grooved Tape	Transverse Line	Gore, Channelizing
	SUMMARY					4-IN	4- IN	4-IN	4- IN	4 - IN	4-IN	6-IN	8-IN
Item#	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
503	MILWAUKEE	IH 894/ IH 43	1.75	STH 36 (LOOMIS RD) TO STH 241 (SO. 27TH ST)	GENERAL NOTE 1, ONLY THE WHITE PORTION OF ANY EXISTING								
					CHANNELIZED8", " CONTRAST TAPE", SHALL BE EPOXIED,								
					WHERE APLICABLE;								
					GENERAL NOTE 2, PAINT 8" GORES, INCL BOTH MAIN LINE & TERMINI								
					AREA(S)SHALL BE EPOXIED (WHITE) MARKINGS.								
Ì					GENERAL NOTE 3, PAINT ALL 4", "LANE LINE, EDGE LINES &								
					EXISTING 8" CHAN. MARKINGS ON ALL RAMPS,(WHERE APLICABLE)								
					CENTRAL MOTE 2. DAINT ALL All III AND LINE EDGE LINES O								
				STH 36 INTERCHANGE (W LOOMIS RD)	GENERAL NOTE 3, PAINT ALL 4", "LANE LINE, EDGE LINES &								
					EXISTING 8" CHAN. MARKINGS ON ALL RAMPS,(WHERE APLICABLE)								
				NB OFF RAMP		1500							400
				NB ON RAMP		1300							150
				MAIN LINE GORE		1500							130
				1ST) SB OFF RAMP		1320							
				2ND) SB OFF RAMP		2000							
				SB ON RAMP		2400							
				TERMINI GORE		2400							140
				TERRITA GONE	GENERAL NOTE 3, PAINT ALL 4", "LANE LINE, EDGE LINES &								140
				USH 41 (SO. 27TH ST) INTERCHANGE	EXISTING 8" CHAN. MARKINGS ON ALL RAMPS, (WHERE APLICABLE)								
				(IH43) SB OFF RAMP	REFRESH EXISTING "LANE LINE" MARKINGS, "EPOXY WHITE"	3400							900
				TERMINI GORE									180
				SB ON RAMP		1000							
				MIDWAY RAMP GORE									400
				ON RAMP SB (CONT.)	REFRESH EXISTING "LANE LINE" MARKINGS , "EPOXY WHITE"	2000							
				ON RAMP NB (CONT.)	REFRESH EXISTING "LANE LINE" MARKINGS , "EPOXY WHITE"	3400							
				(IH43) NB OFF RAMP	REFRESH EXISTING "LANE LINE" MARKINGS , "EPOXY WHITE"								
				TERMINI GORE									
				NB ON RAMP		800							
				MIDWAY RAMP GORE									200
					REFRESH EXISTING "LANE LINE" MARKINGS , "EPOXY WHITE"	2300							
				ON RAMP NB (CONT.)	REFRESH EXISTING "LANE LINE" MARKINGS , "EPOXY WHITE"	2150							
503	MILWAUKEE	IH 804/ IH 12	1 75	STH 36 (LOOMIS RD) TO STH 241 (SO. 27TH ST)	Totals	23570	0	0	0	0	0	0	2370
203	IVIILVVAUNEE	111 054/ 111 43	1.75	311130 (LOUIVII3 KU) 10 3111 241 (30. 2/11131)	IUldis	25370	U	U	U	U	U	U	23/0

SHEET: 6 OF 12

PROJECT NO:1000-77-20 HWY:VARIOUS COUNTY:VARIOUS MISCELLANEOUS QUANTITIES SHEET: **E**

Epoxy Pavement Marking - 2020						INFORMATION ONLY	646.1020	SPV.0090.01	646.1040	646.1545	646.9000	SPV.0090.06	646.7420	646.3020
						S (HON OTE)	MARKING LINE EPOXY	Pav. Mrkng	Marking Line	Marking Line	Marking	Marking	Marking	MARKING LINE
	Var. Hwy (1000-77-20) SE Region Wide						MAIN LINE	Epoxy	Grooved Wet	Grooved Wet Ref	Removal	Removal line	Cross Walk Epoxy	EPOXY
							Lane line, Edge line, Mini Skips	Contrast (white)	Contrast (white)	Contrast Epoxy	line	Grooved Tape	Transverse Line	Gore, Channelizing
		SUMMAR	Υ				4-IN	4- IN	4-IN	4- IN	4 - IN	4-IN	6-IN	8-IN
	Item#	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
						REFRESH / OR PAINT EXISTING "WHITE" MARKINGS WHERE								
	504	Milwaukee	IH 94, IH 43 & IH 794	12.67	MARQ. INTER. TO E. NATIONAL AVE. ON 194/143 & Misc. Ramps	APPLICABLE: LANE DROP MARKINGS								
						LANE REDUCTION MARKINGS								
						GENERAL NOTE 1, ONLY THE WHITE PORTION OF ANY EXISTING								
						CHANNELIZED8", " CONTRAST TAPE", SHALL BE EPOXIED,								
						WHERE APLICABLE;								
						GENERAL NOTE 2, PAINT 8" GORES, INCL BOTH MAIN LINE & TERMINI								
						AREA(S)SHALL BE EPOXIED (WHITE) MARKINGS. GENERAL NOTE 3, PAINT ALL 4", "LANE LINE, EDGE LINES &								
						EXISTING 8" CHAN. MARKINGS ON ALL RAMPS, (WHERE APLICABLE)								
					(1) 194 (EB) (W-S, SYSTEM RAMP)	PAINT: EDGE LINE MARKINGS, ONLY	3102							
					(-1,,,	DANIE ALL AU UNE ED CELLUSCO AL DIVINO CON CUCTA DANDO	2500							
					(2) 194 WB (E-S, SYSTEM RAMP)	PAINT: ALL 4", "LANE LINE, EDGE LINES MARKINGS ON SYSTEM RAMPS, (WHERE APLICABLE)	2690							
				H		(WHERE APLICABLE)								
					(3) LOVELL ST & CLYBORN ON RAMP TO 194 (WB)	PAINT: ALL 4", "LANE LINE, EDGE LINES MARKINGS ON EA. RAMPS,	1170							
					(5) 25722251 & 62735111 517 151111 15 54 (115)	,(WHERE APLICABLE)	1175							
						A THERE IS SO SEE								
					(4) I43 NB OFF RAMP TO N 10TH ST.	PAINT: ALL 4", "LANE LINE, EDGE LINES & EXISTING 8" CHAN. MRKNGS ON EA. RAMPS,	1856							
					• •	,(WHERE APLICABLE)								
					(5) 1794 EB OFF RAMP TO ST. PAUL & LOVELL ST	PAINT: ALL 4", "LANE LINE, EDGE LINES & EXISTING 8" CHAN. MRKNGS ON EA. RAMPS,	2784							
											·			
					(6) N 11TH ST (WISC. AVE) ON RAMP TO 194 SB	PAINT: ALL 4", "LANE LINE, EDGE LINES & EXISTING 8" CHAN. MRKNGS ON EA. RAMPS,	2920							
						,(WHERE APLICABLE)								
					(7) IH 43 NB (S-E SYSTEM RAMP)	PAINT: EDGE LINE MARKINGS, ONLY	2500							
					(8) 194 WB(S-E SYTEM RAMP) TO OFF RAMP (PLNKNGTN AV)	PAINT: ALL 4", "LANE LINE, EDGE LINES & EXISTING 8" CHAN. MRKNGS ON EA. RAMPS,	1906							
						,(WHERE APLICABLE)								
					(O) 142 CD (N) F CVCTFAA DAAAD) TO 1704 FD	DAINT, ALL AT THANK LINE EDGE LINES MADVINGS ON SYSTEM DAINES	4360							
	EOA	Milwaukoo	IH 94, IH 43 & IH 794	12.67	(9) I43 SB (N-E SYSTEM RAMP) TO 1794 EB MARQ. INTER. TO E. NATIONAL AVE. ON 194/I43 & Misc. Ramps	PAINT: ALL 4", "LANE LINE, EDGE LINES MARKINGS ON SYSTEM RAMPS, Totals	4360 23288	0	0	٥	0	0	0	1 0
	504	Millmankee	III 54, III 43 & III /94	12.0/	IVIANG. INTER. TO E. NATIONALAVE. ON 134/143 & IVIISC. KAMPS	TOTALS	23200	U	U	U	U	L U	U	U

SHEET: 7 OF 12

Е HWY:VARIOUS COUNTY: VARIOUS SHEET: PROJECT NO:1000-77-20 MISCELLANEOUS QUANTITIES PLOT NAME: 030501_mq.pdf

	Epoxy Pavement Marking - 2020 Var. Hwy (1000-77-20)	INFORMATION ONLY	646.1020 SPV.0090.01 646.1040 646.1545 MARKING LINE EPOXY Pav. Mrkng Marking Line Marking Line	G46.9000 SPV.0090.06 G46.7420 G46.3020 Marking Marking MARKING LINE
SUMMARY	SE Region Wide		MAIN LINE Epoxy Grooved Wet Ref Lane line, Edge line, Mini Skips Contrast (white) Contrast (Epoxy 4-IN 4-IN 4-IN	Removal Removal line Cross Walk Epoxy EPOXY
Item# County 505 WALW.	HWY Miles LOCATION USH 12 9.9 STH 67 INTER. TO 2500' NORTH OF STH 50 INTER.	REMARKS / COMMENTS PAINTING: USH 12 (MAIN LINE AND GORES) ,	LF. LF. LF. LF.	LF. LF. LF. 200
J.S. WALW.	MAIN LINE (ONLY)	PAINTING: SYSTEM COLLECTOR'S MAIN LINE, GORES AND RAMP		200
		NOTE: REFRESH "WHITE PORTION" OF THE 4" AND OR 8" CONTRAST TAPE WITH EPOXY.		
		INCLUEDING " <u>DOT PATTERNS</u> ", 8" CONTRAST TAPED FOR CHANNELIZIED MARKINGS (3' LINE, 9' SPACE) REFRESH / OR PAINT EXISTING "WHITE" MARKINGS	-	
		(WHERE APPLICABLE) : LANE DROP MARKINGS		
	STH 67 (WISCONSIN ST.) INTERCHANGE LONG LINE MARKING:	LANE REDUCTION MARKING 5: (ONLY)	1	
		USH 12 (NB), OFF RAMP TO STH 67 UPPER, TERMINI 4" EDGE LINE	2000	
		8" CHANNELIZING/ PARTIAL (ONE SIDED) EXIT GORE		300
		STH 67 (WB) ON RAMP TO USH 12 (SB) 4" EDGE LINE 8" CHANNELIZING/ UPPER GORE	1000	
		STH 67 (EB) ON RAMP TO USH 12 SB 4" EDGE LINE	1000	
	AT IH 43 INTERCHANGE	8" CHANNELIZING/ TERMINI & LOWER GORE		1650
	"SOUTHBOUND" LONG LINE MARKINGS : (ONL	4" EDGE LINE USH 12 (SB), TO COLLECTOR RAMPS (to IH 43/ CTH NN)	12582	
		8" CHANNELIZING / GORE USH 12 (SB) TO IH 43 (SB)	-	600
		4" EDGE LINE 8" CHANNELIZING / GORE	3500	300
		USH 12 (SB) FROM IH 43 (SB) 4" EDGE LINE(NO RAMP WORK)	0	
		8" CHANNELIZING / GORE (ONLY) LANE DROP MARKINGS		400 120
		USH 12 (SB) TO IH 43 (NB) 4" EDGE LINE 8" CHANNELIZING / GORE	2000	300
		USH 12 (SB) FROM IH 43 (NB)	-	
		4" EOGE LINE(NO RAMP WORK) 8" CHANNELIZING / GORE (ONLY) LANE DROP MARKINGS	o	800
		USH 12 (SB) TO CTH NN 4" EDGE LINE(NO RAMP WORK)	-	120
		8" CHANNELIZING / GORE (ONLY) USH 12 (SB) FROM CTH NN	-	320
		4" EDGE LINE(NO RAMP WORK) 8" CHANNELIZING / GORE (ONLY)	0	1120
	"NORTHBOUND" LONG LINE MARKINGS : (ONLY)	USH 12 COLLECTOR RD TO USH 12 (SB) (MAIN LINE) 8" CHANNELIZING / GORE USH 12 NB AT COLLECTOR RAMPS MAIN LINE	4	1400
	NOTH BOOK ENGLIKE WANKINGS. (ORLE)	4" EDGE LINE USH 12 (NB), TO COLLECTOR RAMPS (to CTH NN /IH 43)	-	
		8" CHANNELIZING / GORE USH 12 (NB) TO CTH NN 4" EDGE LINE(NO RAMP WORK)	- 0	500
		8" CHANNELIZING / GORE (ONLY) USH 12 (NB) FROM CTH NN 4" EDGE LINE(NO RAMP WORK)	-	350
		8" CHANNELIZING / GORE (ONLY) USH 12 (NB) TO IH 43 (NB) 4" EDGE LINE	2000	800
		8" CHANNELIZING / GORE	2000	260
		USH 12 (NB) FROM IH 43 (NB) 4" EDGE LINE(NO RAMP WORK) 8" CHANNELIZING / GORE (ONLY)	o	260
		LANE DROP MARKINGS USH 12 (NB) TO IH 43 (SB) 4" EDGE LINE	2000	120
		USH 12 (NB) FROM IH 43 (SB)		300
		USH 12 (NB) FROM IH 43 (SB) 4" EDGE LINE(NO RAMP WORK) 8" CHANNELIZING / GORE (ONLY)	0	800
		USH 12 COLLECTOR RD TO USH 12 (NB) (MAIN LINE) 8" CHANNELIZING / GORE		1500
	A T STH 120 INTERCHANGE LONG LINE MARKING:			
		UPPER , TERMINI 4" EDGE LINE	0	
	RAMPS DONE BY OTHERS (3190-00-70)	8" CHANNELIZING(MAIN LINE) / GORE NB, ON RAMP		400
		4" EDGE LINE 8" CHANNELIZING(MAIN LINE) / GORE	0	1300
		SB, OFF RAMP UPPER, TERMINI		
		4" EDGE LINE 8" CHANNELIZING(MAIN LINE) / GORE	o	400
		SB, ON RAMP 4" EDGE LINE 8" CHANNELIZING(MAIN LINE) / GORE	0	1000
505 WALW.	USH 12 9.9 STH 67 INTER. TO 2500' NORTH OF STH 50 INTER.	Totals	260775 0 0 0	0 0 0 15620 SHEET: 8 OF 12
			=	
ROJECT NO:1000-77-20	HWY:VARIOUS COU	L	LANEOUS QUANTITIES	SHEET:

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-20\Misc quantities Sumary/030501

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			Epoxy Pave	ment Marking - 2020			INFORMATION ONLY	646.1020	SPV.0090.01	646.1040	646.1545	646.9000	SPV.0090.06	646.7420	646.3
Var. Hwy (1000-77-20) SE Region Wide								MARKING LINE EPOXY MAIN LINE	Pav. Mrkng Epoxy	Marking Line Grooved Wet	Marking Line Grooved Wet Ref	Marking Removal	Marking Removal line	Marking Cross Walk Epoxy	MARK EF
Item#	SUMMAR County	Y HWY	Miles	negion wide	LOCATION	F	REMARKS / COMMENTS	Lane line, Edge line, Mini Skips 4-IN L.F.	Contrast (white) 4- IN L.F.	Contrast (white) 4-IN L.F.	Contrast Epoxy 4- IN L.F.	line 4 - IN L.F.	Grooved Tape 4-IN L.F.	Transverse Line 6-IN L.F.	Gore, Ch
		CTILAC (DVDACC)		(200101010107)	LAC C. CTCRUTINITED TO JEFFFRON		·		<u> </u>						
506	WAUK	STH 16 (BYPASS)		STH 1 ONG LINE MARKINGS : LIS ONG LINE MARKINGS :	16 & STH 67 (INTER.) (SPLIT) SBON RD (INTERSECTION) NB ON STH 16 (BYPASS) SB ON STH 16 (BYPASS)	NB OFF RAMP NB ON RAMP SB OFF RAMP SB ON RAMP	MAIN LINE WORK PAINT: 4" or 8", EDGE LINE & EXISTING "DOT PATTERNS" CHANNELIZING MRKNGS EPOXY" WHITE" STH 16/67 REFRESH / OR PAINT EXISTING "WHITE" MARKINGS WHERE APPLICABLE: LANE DROP MARKINGS LANE REDUCTION MARKI GENERAL NOTE 1, ONLY THE WHITE PORTION OF ANY EXISTING CHANNELIZED 8", " CONTRAST TAPE", OR 4" L.L. "C.T. TAPE" SHALL BE EPOXIED, WHERE APLICABLE; GENERAL NOTE 2, PAINT 8" GORES, INCL BOTH MAIN LINE & TERMINI AREA(S) SHALL BE EPOXIED (WHITE) MARKIN GENERAL NOTE 3, PAINT ALL 4", "LANE LINE, EDGE LINES & EXISTING 8" CHAN. MARKINGS ON ALL RAMPS, (WHERE APLICA PAINT: ALL 8" CHAN. MRKNGS APPROACHING LISBON RD & STH 16 INTERSECTION	2350 2806 3484 4182							
		CTH Z (LAKE DR.) LONG LINE MARKINGS: NB ON STH 16 (BYPASS) SB ON STH 16 (BYPASS)			PAINT: ALL 8" CHAN. MRKNGS APPROACHING LAKE DR. & STH 16 INTERSECTION								1		
			ī	STH 67 INTER ONG LINE MARKINGS :	R./ (END) BRIDGE -WISCONSIN AVE	NB OFF RAMP NB ON RAMP SB OFF RAMP SB OFF RAMP	NOTE 3, PAINT ALL 4", "LANE LINE, EDGE LINES & EXISTING 8" CHAN. MARKINGS ON ALL RAMPS, (WHERE APLICA	2340 4160							
	WAUK	STH 16 (BYPASS)	6		H 16 & 67 SPLIT INTER. TO JEFFERSON CO		Totals	153645	0	0	0		0	0	

SHEET: 9 OF 12

Е HWY:VARIOUS COUNTY: VARIOUS SHEET: PROJECT NO:1000-77-20 MISCELLANEOUS QUANTITIES PLOT NAME: 030501_mq.pdf

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SHEET:

			Var	avement Marking - 2020 . Hwy (1000-77-20) SE Region Wide	INFORMATION ONLY	646.1020 MARKING LINE EPO) MAIN LINE Lane line, Edge line, Min	Ероху	Marking Line Grooved Wet	Grooved Wet Ref	646.9000 Marking Removal line	SPV.0090.06 Marking Removal line Grooved Tape	646.3020 MARKING LINE EPOXY Gore, Channelizi
	SUMMARY					4-IN	4- IN	4-IN	4- IN	4 - IN	4-IN	8-IN
tem#	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
507	MILW.	STH 145	4.11	W. GRANTOSA DR INTER. TO .35 MI N OF IH 41 (OVERPASS)		112104						
					MAIN LINE WORK							
					PAINT: 4" or 8", EDGE LINE & EXISTING "DOT PATTERNS" CHANNELIZING MRKNGS							
					EPOXY " WHITE" STH 145 REFRESH / OR PAINT EXISTING "WHITE" MARKINGS WHERE							
					APPLICABLE: LANE DROP MARKINGS							
					LANE REDUCTION MAI	KINGS						
					GENERAL NOTE 1, ONLY THE WHITE PORTION OF ANY EXISTING CHANNELIZED							
					8", " CONTRAST TAPE", OR 4' L.L. "C.T. TAPE"							
					SHALL BE EPOXIED, WHERE APLICABLE;							
					GENERAL NOTE 2, PAINT 8" GORES, INCL BOTH MAIN LINE & TERMINI AREA(S)							
					SHALL BE EPOXIED (WHITE) MAR	KINGS.						
					GENERAL NOTE 3, PAINT ALL 4", "LANE LINE, EDGE LINES & EXISTING 8" CHAN. MARKINGS ON ALL RAMPS, (WHERE APLI	CABLE)						
				FUND DU LAC AVE & STH 145 (INTERSECTION)	PAINT: ALL 8" CHAN. MRKNGS APPROACHING INTERSECTION.							950
												ar-
					PAINT :MAIN LINE GORE 8' MARKING, STH 145 ON RAMP (NB) (TO BRIDGE OVERPASS) PAINT :MAIN LINE GORE 8' MARKING (ON RAMP 45/41 NB)	3000 3400						850 400
					TAINT AMAIN EILE COILE O IMAINING (CHINAINI 43/4210)	3400						400
				W. GOOD HOPE INTER.	or s	200						120
						RAMP 200 RAMP 1000						120 160
				N 107TH ST. INTER.	WB OF	RAMP 3000						800
					W OF FOND DU LAC AVE	3000						000
					EB OFI							600
					SBON	RAMP 700						200
					W LEON TERRACE (SERVICE RAMPS)							
					(WB) OFF							700 220
					(WB) ON	IVUIAII. 200						220
					(EB) OFF RAMP TO W FOND DU L							300
					(EB) ON RAMP TO S	TH 145 400						150
					N 91 ST ST UNDER PASS							
					EB ON RAMP FRO							600
				W SILVER SPRING INTER.	WB OFF RAMP TO	N 91 ST 1700						600
					EB OFF RA	MP TO 1500						400
					WB OFF RA	MP TO 1800						600
					WB OFF RA							280
						F (FD)						202
					ON RAMP FROM FOND DU LAC A' (EB) OFF RAMP TO FOND DU LA							200 600
				STH 181 (N 76 TH ST) INTER.								
					EB OFF RAMP WB ON RAMI							100 800
					WD ON INAM	5000						000
					PAINT: COMPLETE SERVICE (ON/ OFF) RAMPS BETW. STH 181 INTER. & GRANTOSA DR	5800						700
					4 TOTAL RAMPS & SHORT GORES FOR 8" CHAN. MARKINGS & LANE LINES							
					STARTING AT WB (MAIN LINE) OFF RAMP TO STH 181 FROM STH 145 (FOND DU LAC FWY)							
507	N.41/	CTU 4 4F	4 11	W CRANTOCA DRINTED TO SEARING SELLAN (SUSPENSE)	Table	4.47004		^		^		0720
U/	MILW.	STH 145	4.11	W. GRANTOSA DR INTER. TO .35 MI N OF IH 41 (OVERPASS)	Totals	147604	0	0	0	0	0	9730

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-20\Misc quantities Sumary/030501

PROJECT NO:1000-77-20

HWY:VARIOUS

COUNTY: VARIOUS

			En	OVY Pay	ement Marking - 2020	INFORMATION ONLY	646.1020	SPV.0090.01	646 1040	646 1545	646 0000	646 7420	646.3020
			Εþ	oxy Pav Var. F	lwy (1000-77-20)	INFORMATION ONLY	MARKING LINE EPOXY	Pav. Mrkng	646.1040 Marking Line	646.1545 Marking Line	646.9000 Marking	646.7420 Marking	MARKING LINE
				SE	Region Wide		MAIN LINE	Epoxy	Grooved Wet	Grooved Wet Ref	Removal	Cross Walk Epoxy	
							Lane line, Edge line, Mini Skips	Contrast (white	Contrast (white)	Contrast Epoxy	line	Transverse Line	
_		SUMMARY			1		4-IN	4- IN	4-IN	4- IN	4 - IN	6-IN	8-IN
	Item#	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
	600	MILW.	STH 36	5.6	SO. 51st ST. TO E. OF STH 100	PAINT LONG LINE MARKINGS ONLY							
					SO. 51st ST TO W WARWICK WAY (EST. 3.95 MI)	PAINT EXISTING, MEDIAN LEFT TURNS, RIGHT	81983						4830
						TURN LANES AND EXISTING DOT PATTERNS with							
					W GRANGE AVE (SIGNALIZED)	8" CHANNELIZED MARKINGS							
					SOUTHWAY/W RAMESY AVE (SIGNALIZED)								
					INDUSTRIAL LOOP/ W COLLEGE AVE (SIGNALIZED)	INCL. 8" CHANNELIZED MARKINGS AT ALL SIGNALIZED							
						INTERSECTION'S 4 APPROACHS (AT MEDIAN LEFT TURN							
						& RIGHT LANE TURN) WHERE APPLICABLE							
						NOTE: 4" ALL EDGE LINE (WHITE & YELLOW) AND							
						LANE LINE MARKINGS WILL BE PAINTED.							
					CTH U (76TH ST) INTERCHANGE	E E WIELDET/MITED.							
1						STH 36 WB							
						OFF RAMP	6608						
						MAIN LINE GORE							738
						TERMINI GORE							50
						ON RAMP	3408						
						MIDWAY GORE							200
						MAIN LINE GORE STH 36 EB							360
						OFF RAMP	3194						
						TERMINI GORE	3134						100
						ON RAMP	6147						200
						MAIN LINE GORE							2600
					CTU DD //W DAWCON AVE\ INTERCUANCE								
					CTH BB (W RAWSON AVE) INTERCHANGE	STH 36 EB							
						OFF RAMP	2120						
1						MAIN LINE GORE	2120						540
1						STH 36 WB							
1						OFF RAMP	1850						
						TERMINI GORE							50
						ON RAMP	2000						
					W WARWICK WAY TO EAST OF STH 100 INTERSECTION (EST. 1.65 MI)	8"	39254						
						PAINT EXISTING ,OPEN MEDIAN LEFT TURN AND RIGHT							1500
					W DREVEL AVE (SICNALIZED)	TURN LANES with 8" CHANNELIZED MARKINGS							
					W DREXEL AVE (SIGNALIZED)	INCL. 8" CHANNELIZED MARKINGS AT ALL SIGNALIZED							
						INTERSECTION'S 4 APPROACHS (AT MEDIAN LEFT TURN							2000
						& RIGHT LANE TURN) WHERE APPLICABLE							2000
1						NOTE: 4"							
						ALL EDGE LINE (WHITE & YELLOW) AND							
						LANE LINE MARKINGS WILL BE PAINTED.							
<u> </u>		1		1									
1 1	600	MILW.	STH 36	5.6	SO. 51st ST. TO E. OF STH 100	Totals	146564	0	0	0	0	0	12968

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PROJECT NO:1000-77-20 HWY:VARIOUS COUNTY:VARIOUS MISCELLANEOUS QUANTITIES SHEET: **E**

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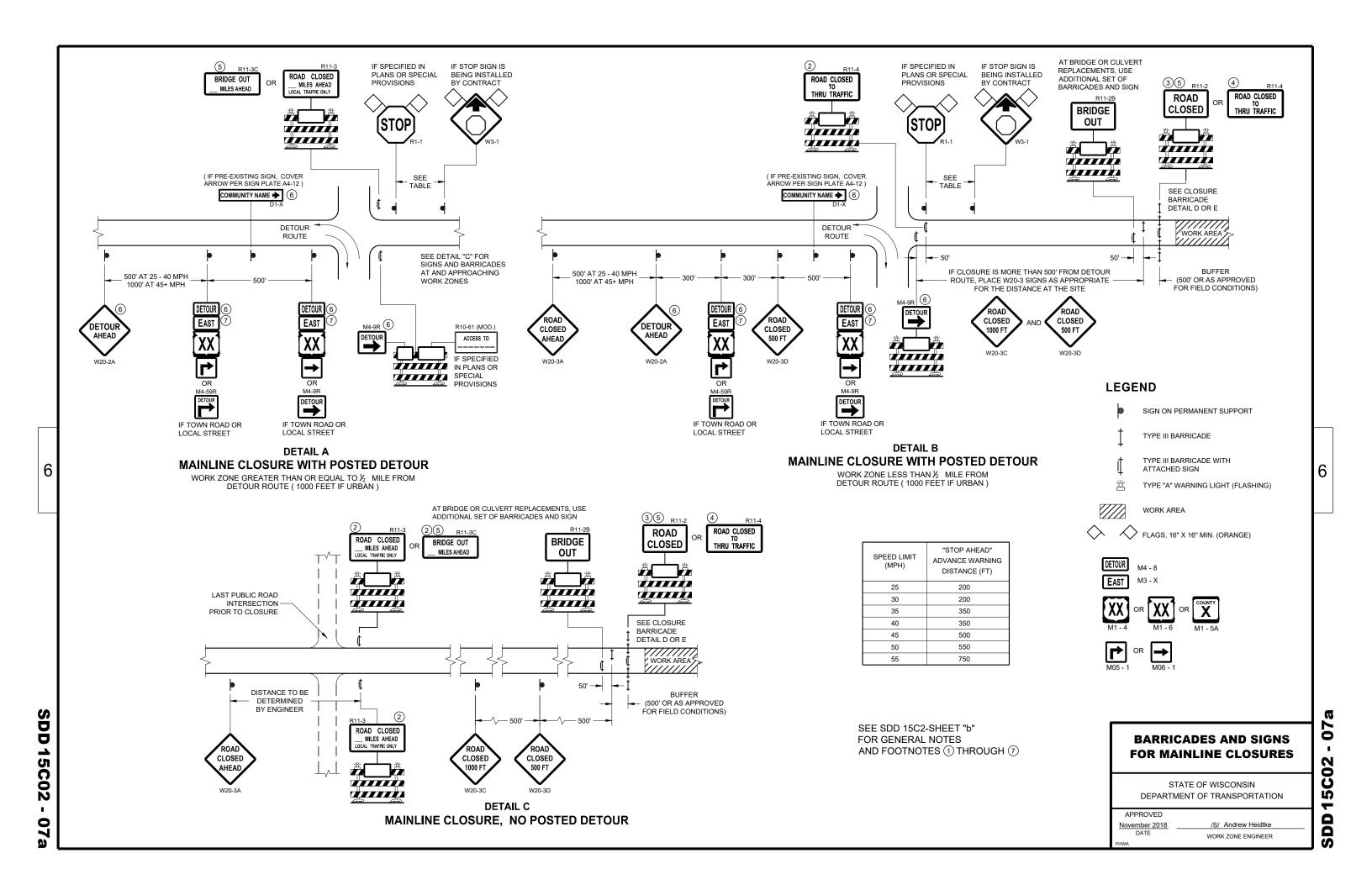
	Epoxy Pavement Marking - 2018 Var. Hwy (1000-77-18) SE Region Wide				wy (1000-77-18)	INFORMATION ONLY	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white)	646.1040 Marking Line Grooved Wet	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy	646.9000 Marking Removal line	646.7420 Marking Cross Walk Epoxy	646.3020 MARKING LINE EPOXY Gore, Channelizing
		SUMMARY					4-IN	4- IN	4-IN	4- IN	4 - IN	6-IN	8-IN
It	tem#	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
	601	OZAUKEE	STH 32	2.33	500' NE OF IH 43 INTER. TO CTH LL (INTERSECTION)	PAINT LONG LINE MARKINGS ONLY PAINT EXISTING , MEDIAN LEFT TURNS , RIGHT TURN LANES AND EXISTING DOT PATTERNS with 8" CHANNELIZED MARKINGS INCL. 8" CHANNELIZED MARKINGS AT ALL SIGNALIZED INTERSECTION'S 4 APPROACHS (AT MEDIAN LEFT TURN & RIGHT LANE TURN) WHERE APPLICABLE NOTE: 4" ALL EDGE LINE (WHITE & YELLOW) AND LANE LINE MARKINGS WILL BE PAINTED.							2200
	601	OZAUKEE	STH 32	2.33	500' NE OF IH 43 INTER. TO CTH LL (INTERSECTION)	Totals	58315	0	0	0	0	0	2200

SHEET: 12 OF 12

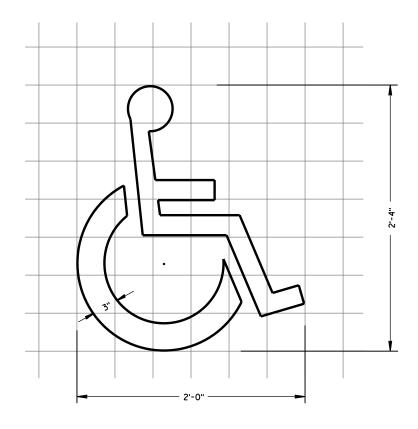
PROJECT NO:1000-77-20 HWY:VARIOUS COUNTY:VARIOUS MISCELLANEOUS QUANTITIES SHEET: **E**

Standard Detail Drawing List

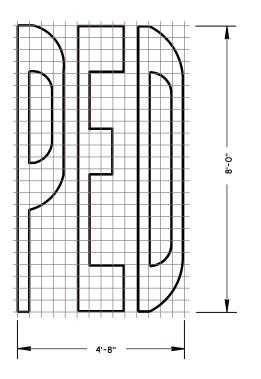
15C02-07A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C07-14A	PAVEMENT MARKING SYMBOLS
15C07-14B	PAVEMENT MARKING WORDS
15C07-14C	PAVEMENT MARKING ARROWS
15C07-14D	ROUNDABOUT ARROWS
15C08-19A	LONGITUDINAL MARKING (MAINLINE)
15C08-19C	PAVEMENT MARKING (TURN LANES)
15C12-07	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C14-03	AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS
15C18-04	MEDIAN ISLAND MARKING
15C19-05A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15С19-О5В	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C19-05C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C20-02	YIELD MARKING
15C31-03B	PAVEMENT MARKING MAJOR SPLIT FREEWAY TO FREEWAY
15C35-03A	PAVEMENT MARKING (INTERSECTIONS)
15C35-03C	PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE)
15D16-04	TRAFFIC CONTROL, EXIT RAMP CLOSURE
15D20-04	TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D22-03	TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D37-02	TRAFFIC CONTROL, 2-LANE ROUNDABOUT



DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



HANDICAP SYMBOL



3'-0"

PREFERENTIAL LANE SYMBOL

PAVEMENT MARKING SYMBOLS

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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

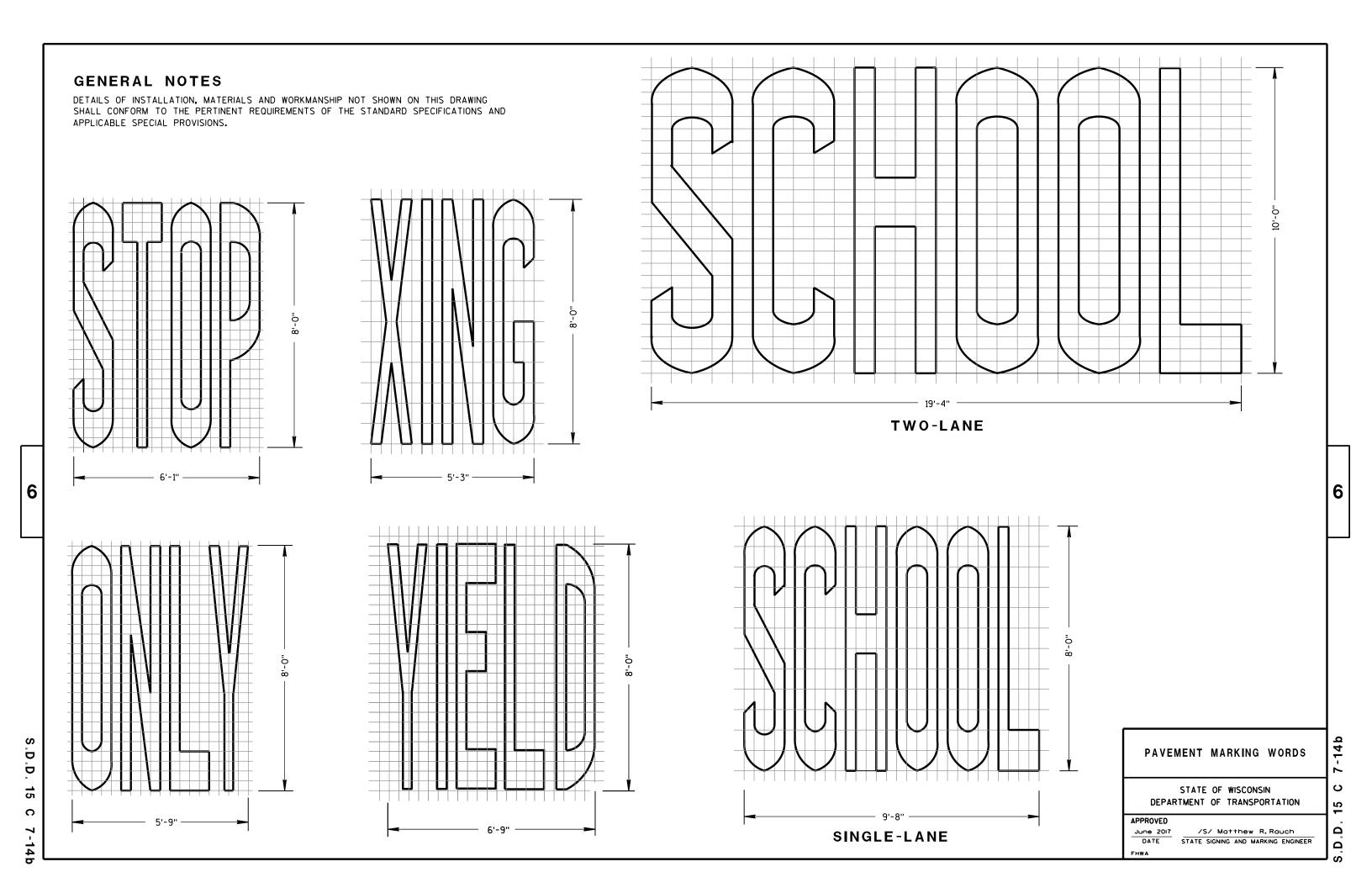
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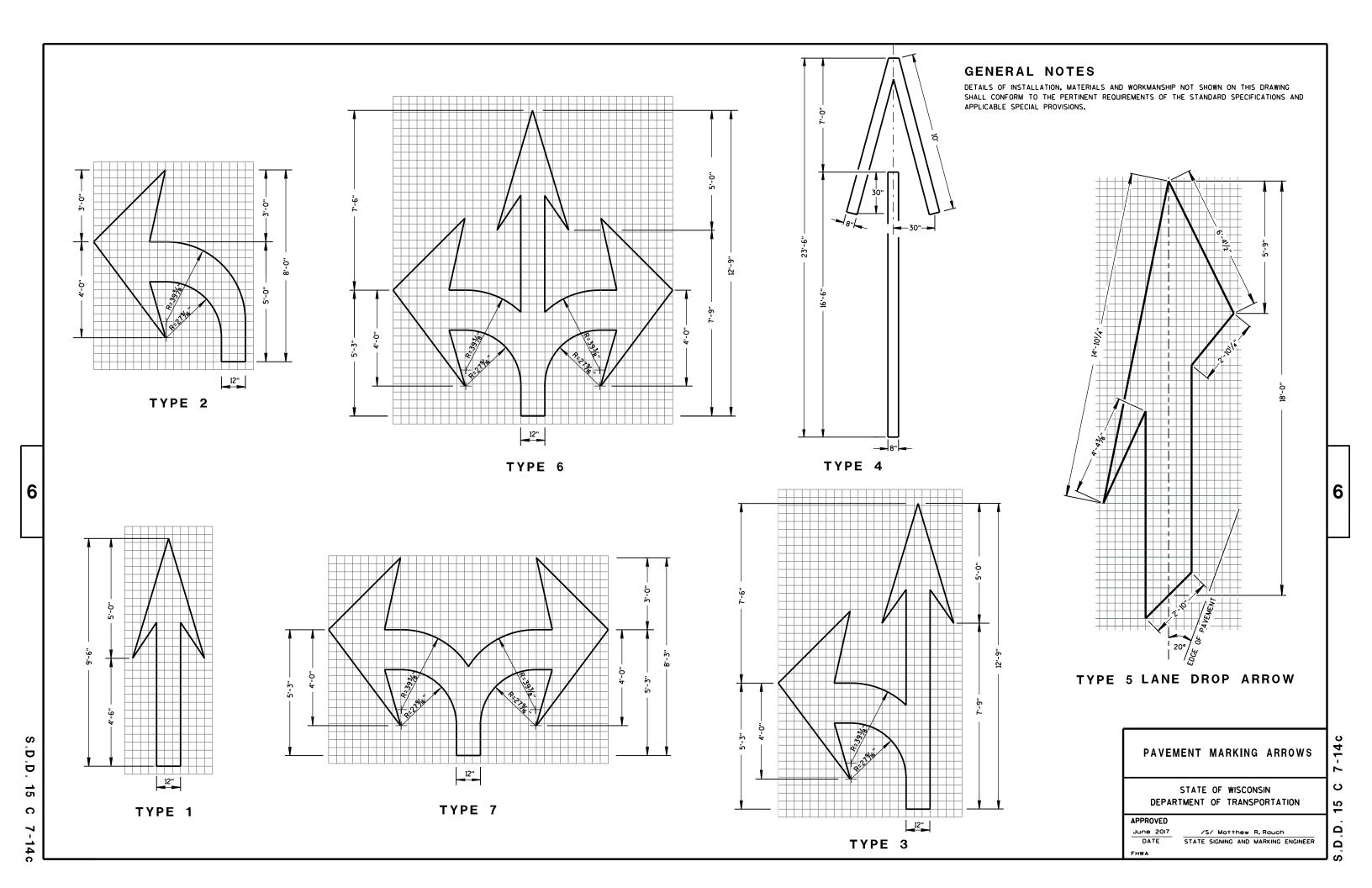
June 2017
DATE

//S/ Motthew R. Rouch
STATE SIGNING AND MARKING ENGINEER

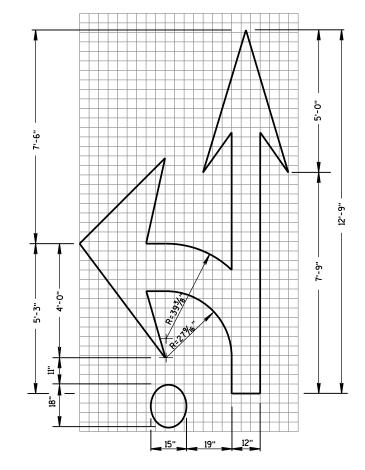
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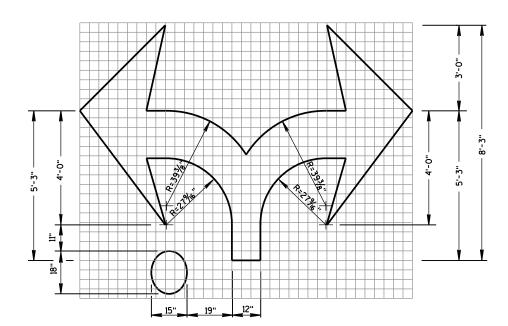




TYPE 2R



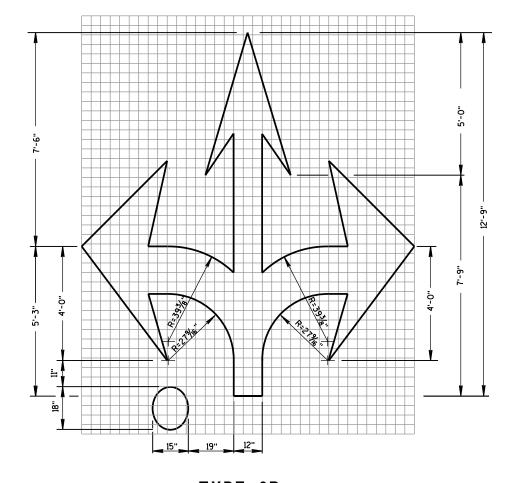
TYPE 3R



TYPE 7R

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



TYPE 6R

ROUNDABOUT ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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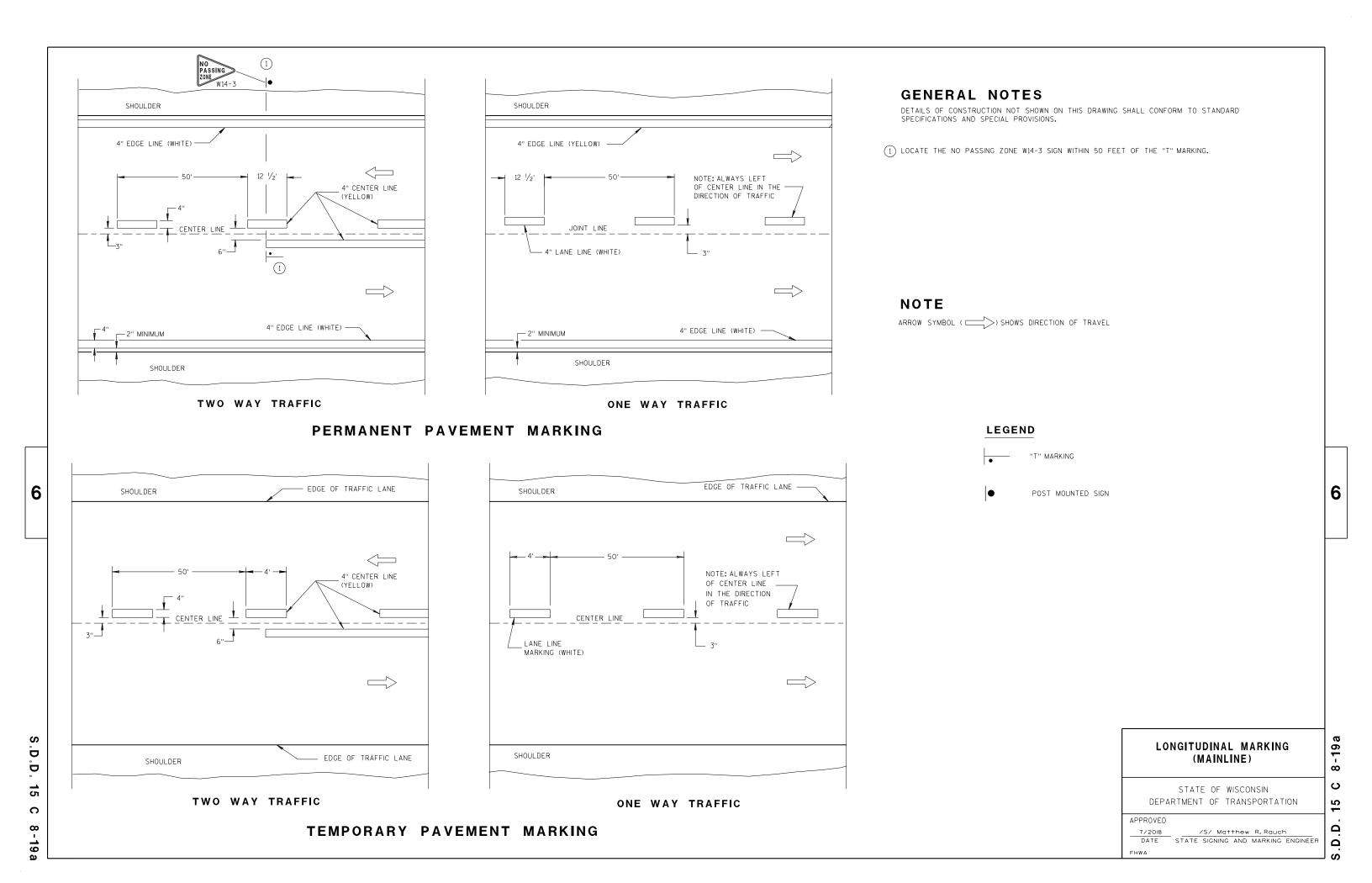
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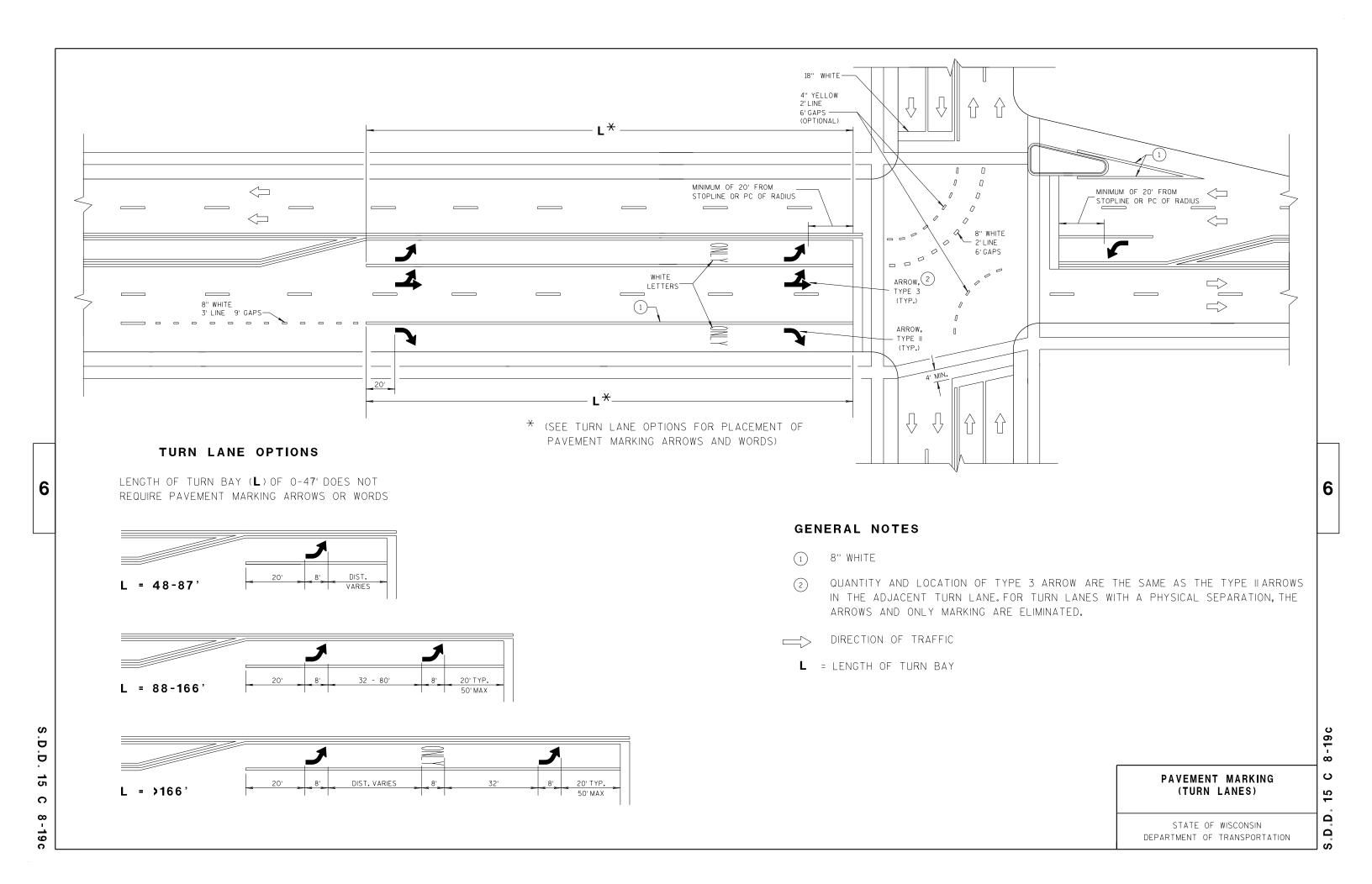
APPROVED

JUNE 2017
DATE
STATE SIGNING AND MARKING ENGINEER
FHWA

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LEGEND GENERAL NOTES

SIGN ON PORTABLE OR PERMANENT SUPPORT

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

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

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUELIF

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

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 REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

- FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.
- (2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FOR THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.

ROAD

ŔUMBLĖ

STRIPS



RUMBLE

STRIPS

WORK

TEMPORARY PORTABLE RUMBLE

FLAGGER, EQUIPPED WITH STOP/SLOW

PADDLE FASTENED ON SUPPORT STAFF

STRIP ARRAY

WORK AREA

DIRECTION OF TRAFFIC

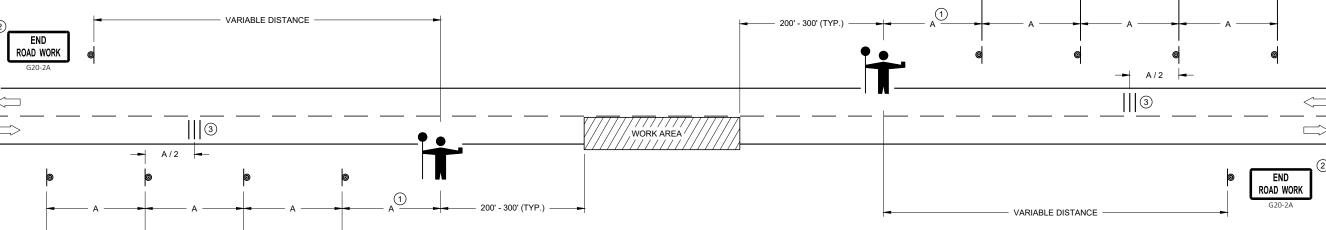
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



WO3-4

USE OF W03-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A"



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

2

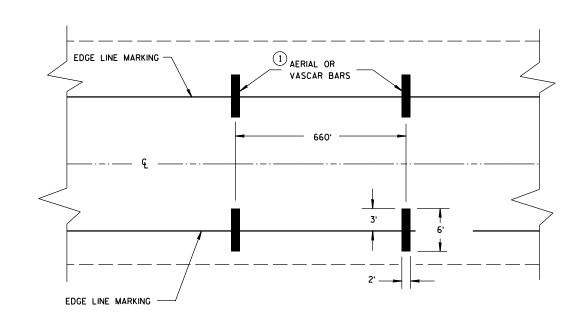
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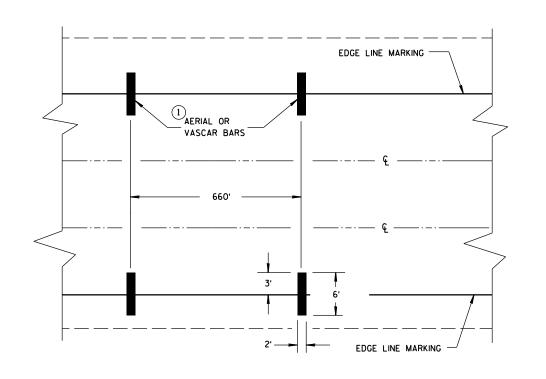
WORK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED	
May 2019	/S/ Andrew Heidtke
DATE	WORK ZONE ENGINEER

A CAR CAN BE PROVIDED BY THE WISCONSIN STATE PATROL FOR TRAFFIC CONTROL.





TYPICAL FOR TWO WAY OR ONE WAY TRAFFIC

TYPICAL FOR MULTILANE TRAFFIC

SPEED ENFORCEMENT ZONE WITH AERIAL OR VASCAR BARS

AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PPROVED

June 2017
DATE

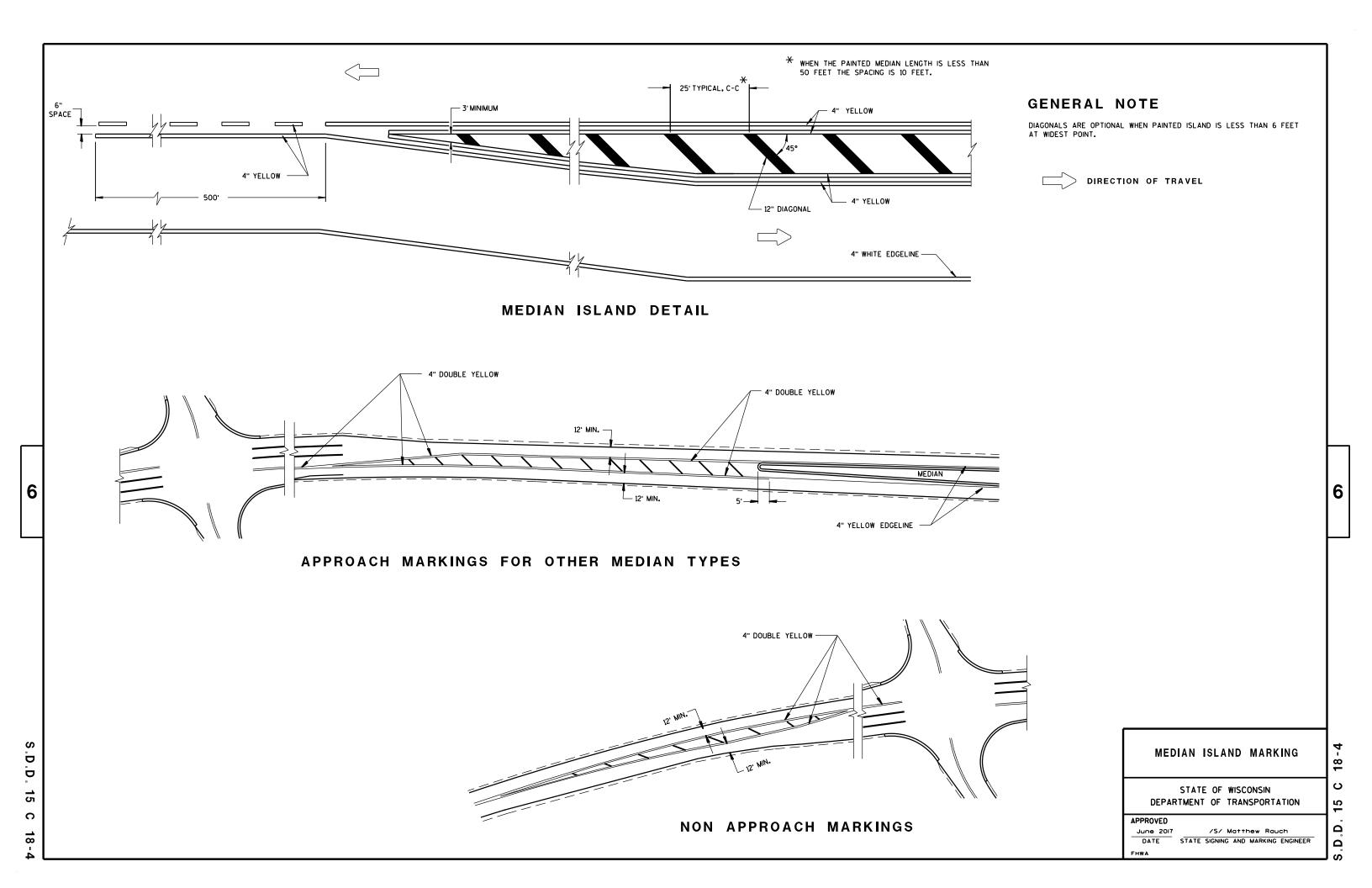
/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

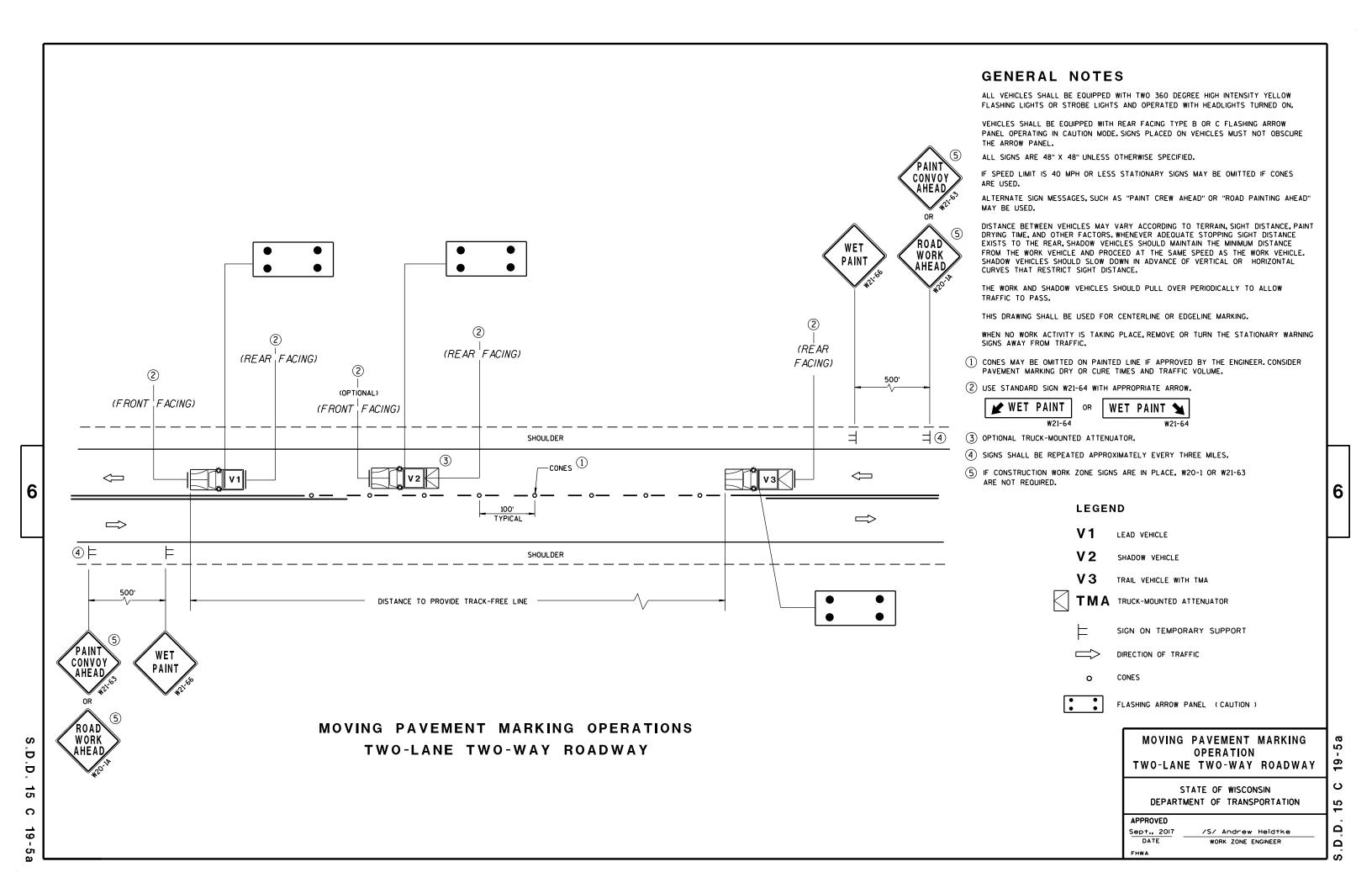
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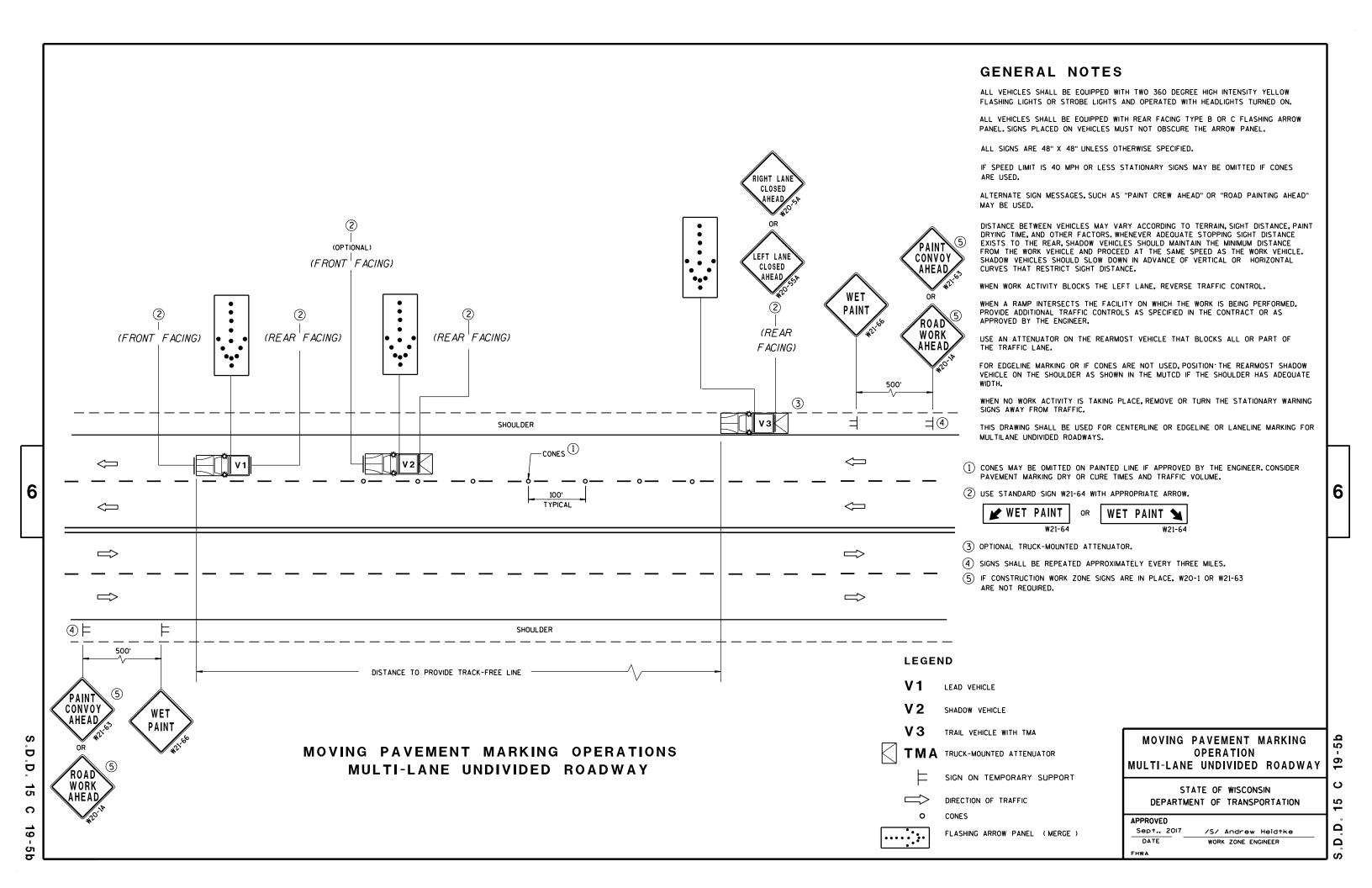
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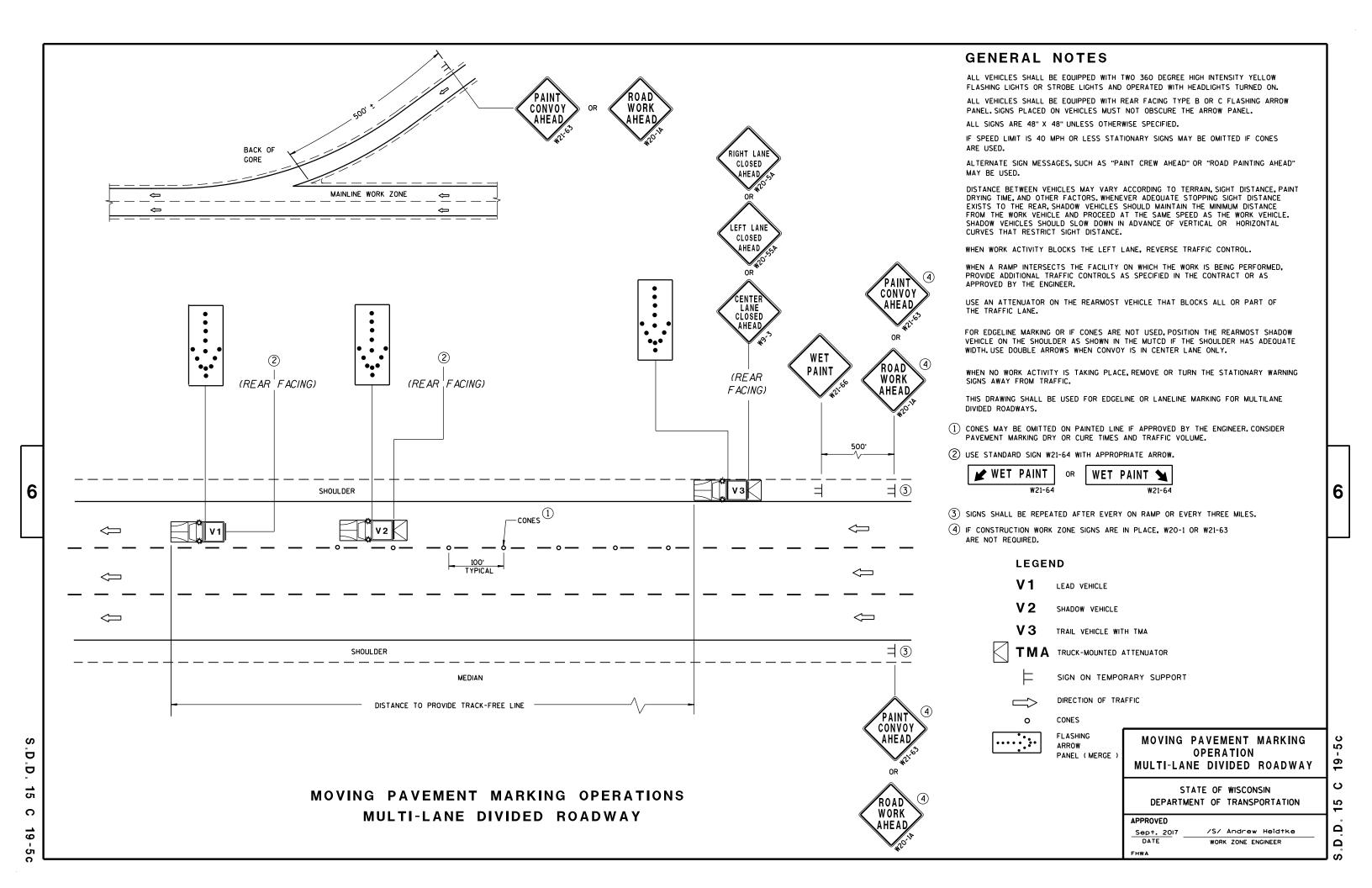
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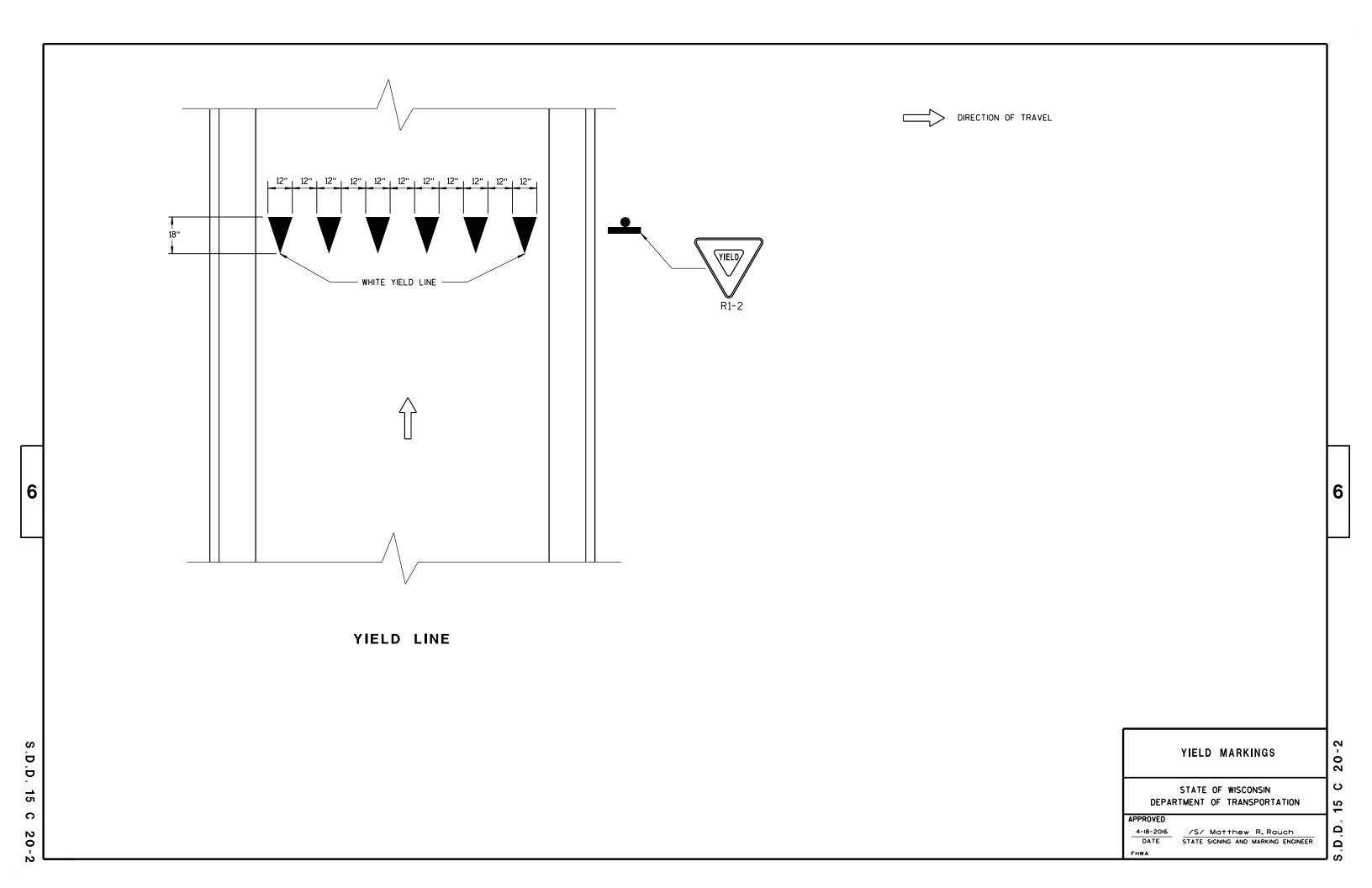
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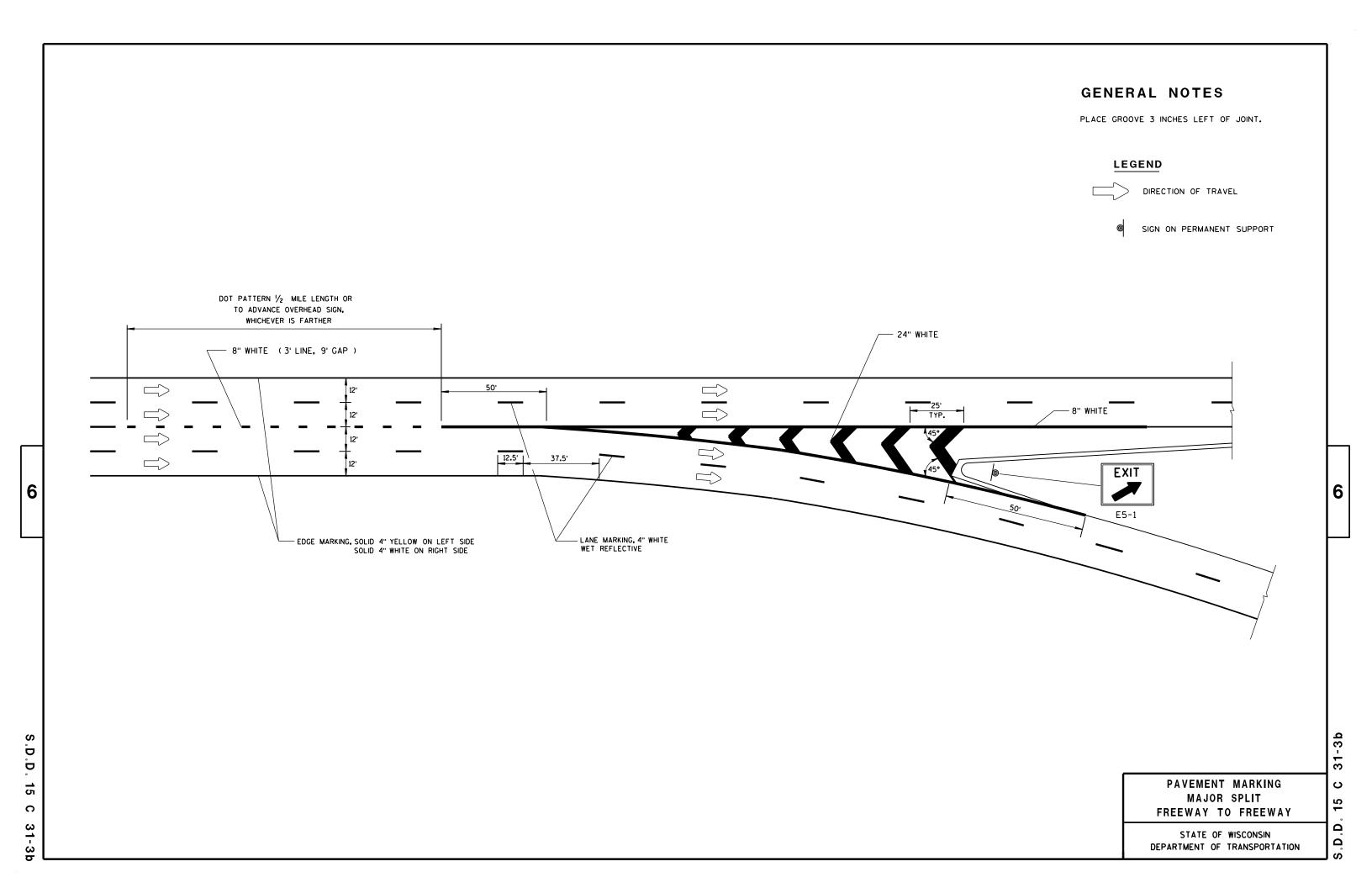


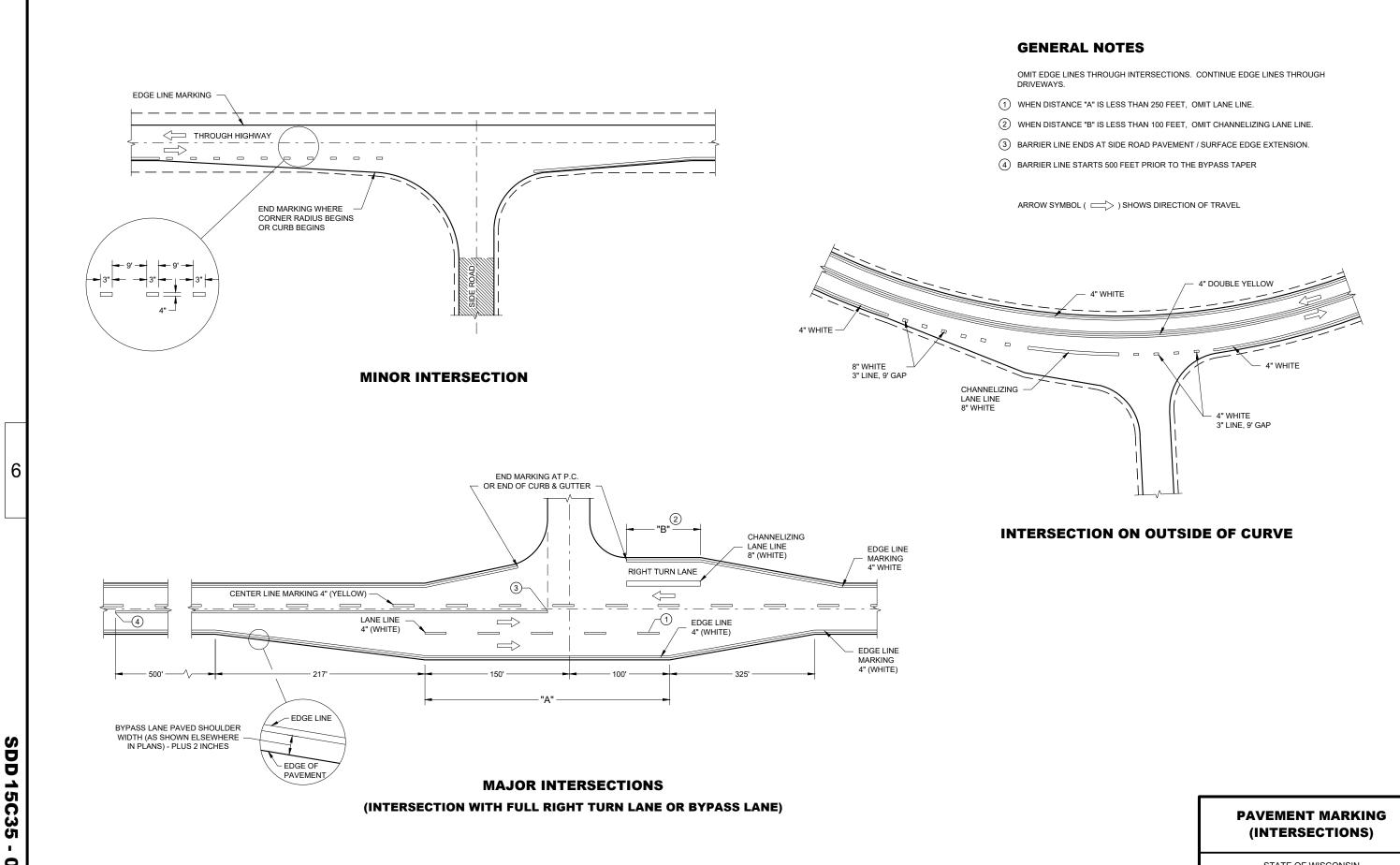








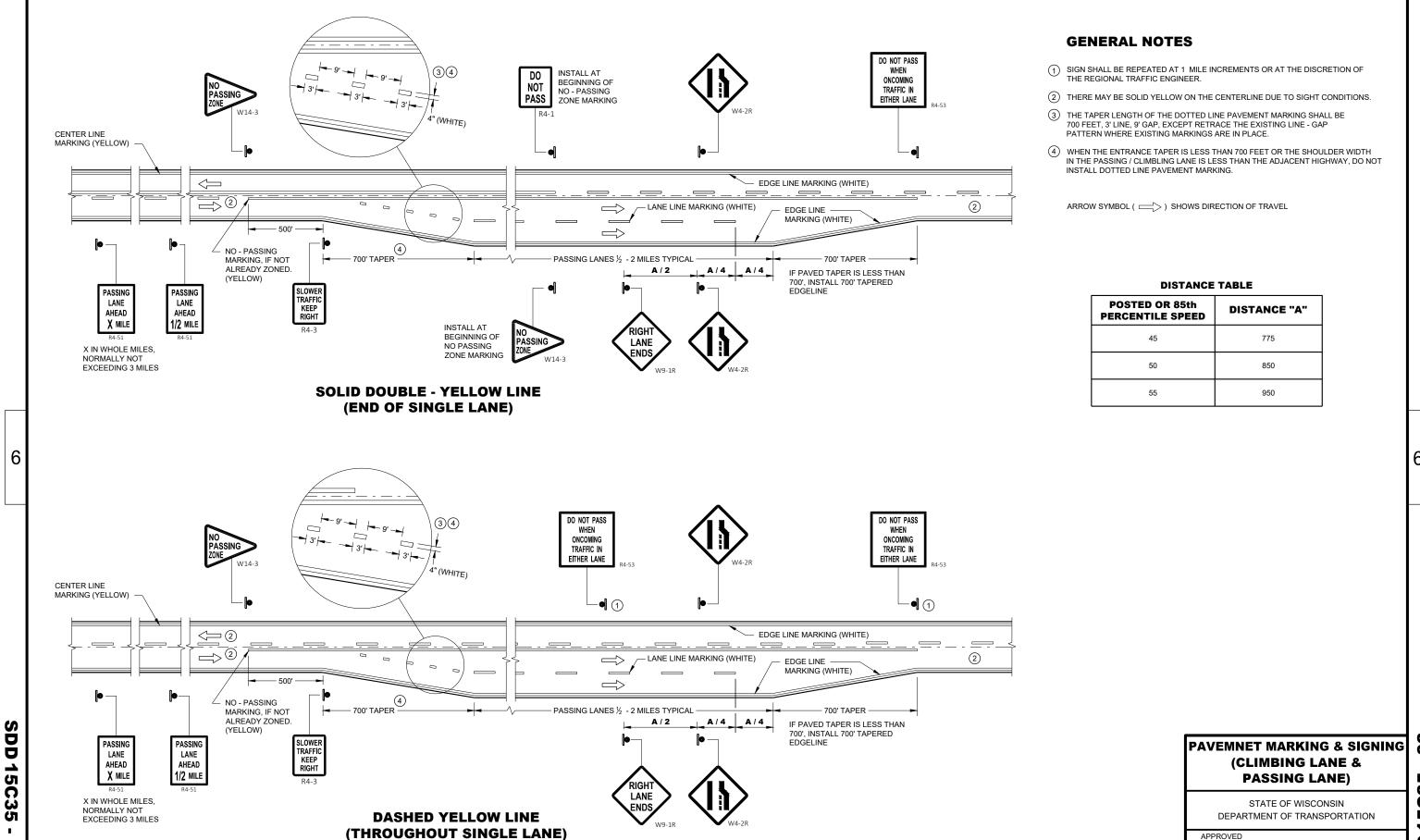




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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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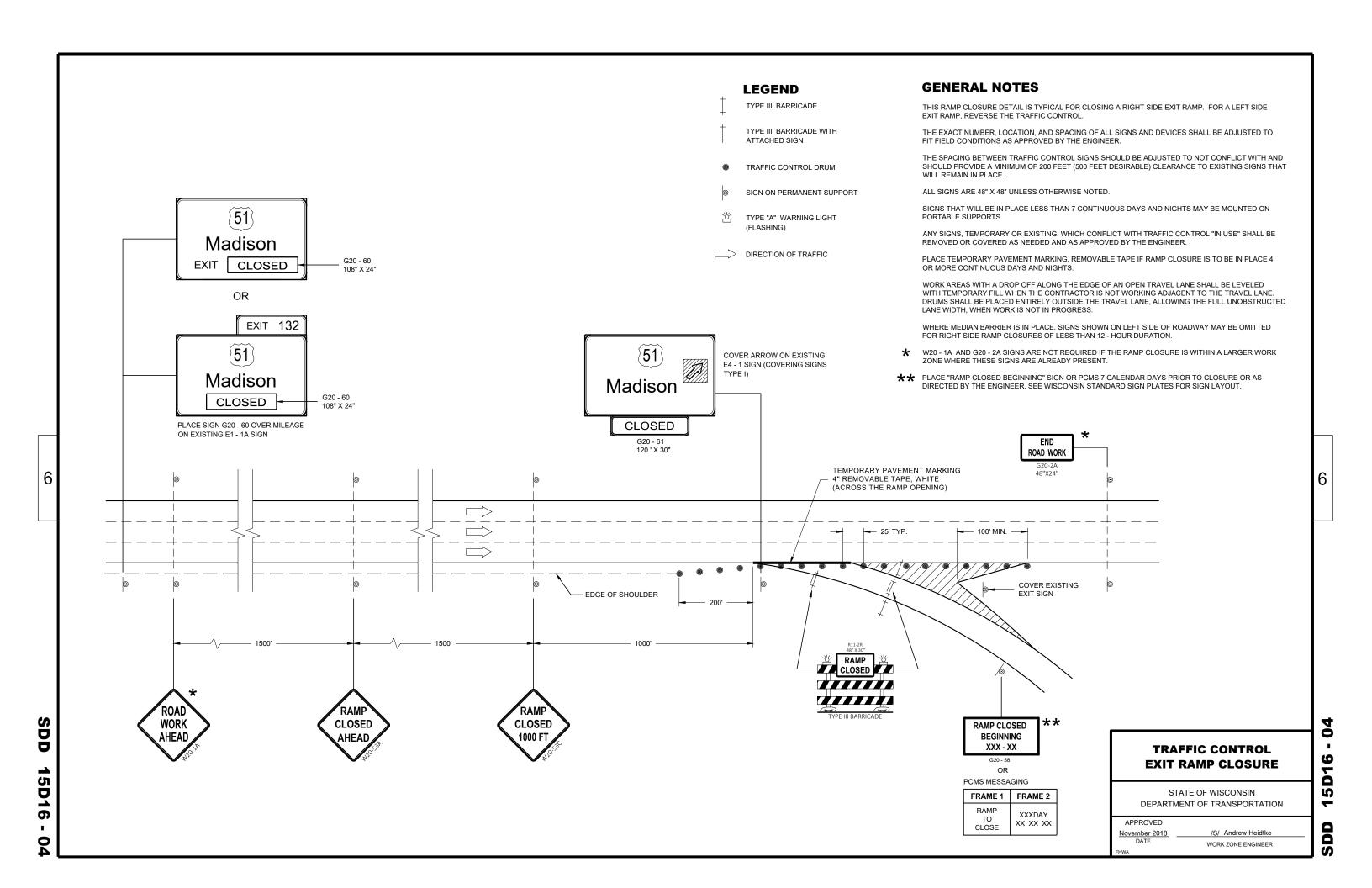
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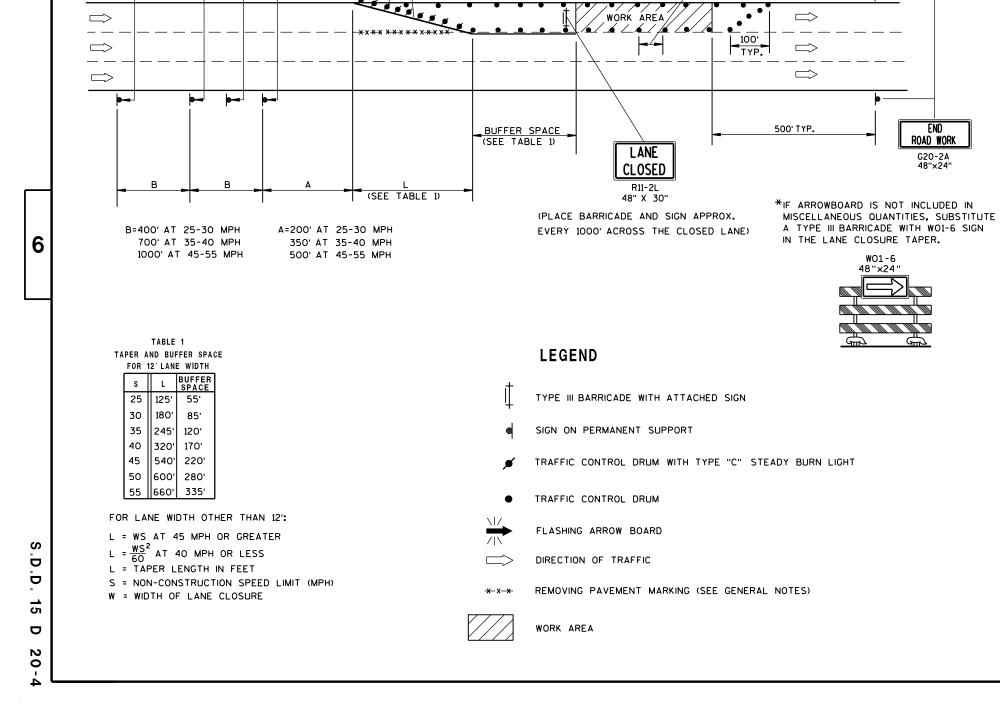
/S/ Matthew R. Rauch STATE SIGNING AND MARKING ENGINEER

APPROVED

7/2018 DATE







(5) DRUMS SPACED @ 10'

INTERVALS AS NEEDED IN

FRONT OF ARROW BOARD

TEMPORARY PAVEMENT MARKING.

4-INCH REMOVABLE TAPE (WHITE ON RIGHT,

25'@ 35 MPH OR LESS 50'@ 40 MPH OR MORE

YELLOW ON LEFT)

SPACING:

ROAD WORK

NEXT___MILES

G20-1

60" X 24"

CLOSED

AHEAD

AHEAD

GENERAL NOTES

**THE LINE OF DRUMS SHOWN ALONG THE MEDIAN/CENTERLINE

ADJACENT TO THE WORK AREA. FOR THIS CONDITION INSTALL

W20-1 "ROAD WORK AHEAD" SIGN FOR OPPOSING DIRECTION OF

50' MAX. @ 35 MPH OR LESS

100' MAX. @ 40 MPH OR MORE

IS REQUIRED ONLY WHERE THERE IS OPPOSING TRAFFIC

TRAFFIC. IN ADVANCE OF THE WORK AREA.

SPACING:

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

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

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

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

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

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

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

ON UNDIVIDED ROADWAYS, OMIT THE SIGNS SHOWN ON LEFT SIDE OF ROAD.

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROWBOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROWBOARDS AND LANE CLOSURE DRUMS.

PLACE THE ARROWBOARD AS CLOSE AS POSSIBLE TO THE BEGINNING OF THE LANE CLOSURE TAPER, PREFERABLY ON THE SHOULDER OR TERRACE.

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

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

TRAFFIC CONTROL SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED June 2016

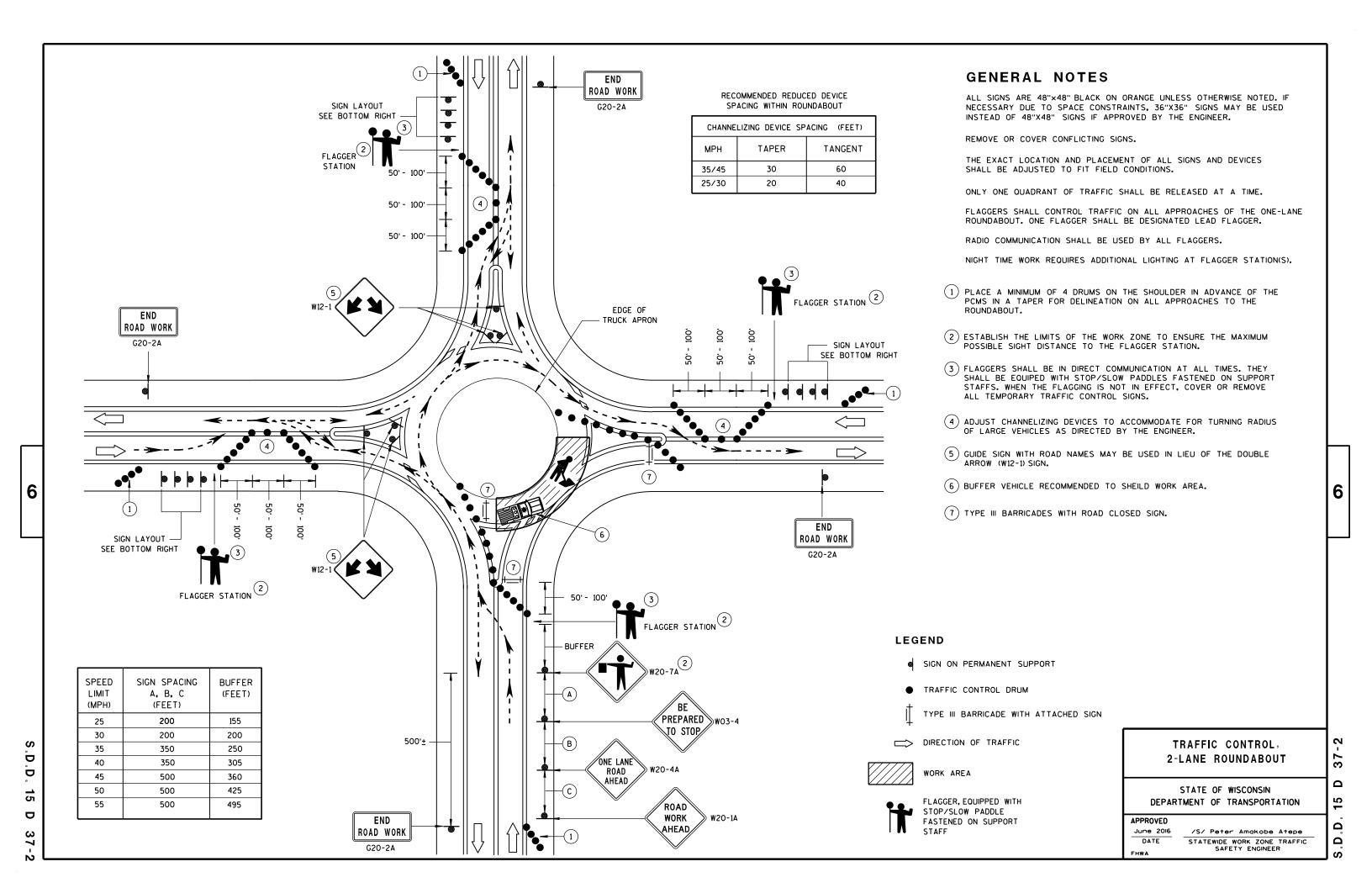
/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

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June 2016

/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER





Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

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