MAY 2018

INDEX OF SHEETS

Sheet No. Typical Sections and Details

Sheet No. Estimate of Quantities Miscellaneous Quantities Sheet No. Standard Detail Drawings

100 TOTAL SHEETS =

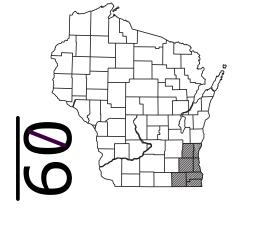
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

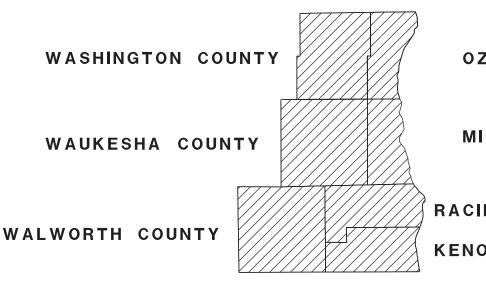
PLAN OF PROPOSED IMPROVEMENT

EPOXY PAVEMENT MARKING - 2018

VARIOUS HIGHWAYS SE REGION WIDE







OZAUKEE COUNTY

MILWAUKEE COUNTY

RACINE COUNTY KENOSHA COUNTY

PLOT BY : dotshw

CONVENTIONAL SIGNS

COUNTY LINE CORPORATE LIMITS PROPERTY LINE LOT LINE LIMITED EASEMENT EXISTING RIGHT OF WAY PROPOSED OR NEW R/W LINE SURVEY LINE SLOPE INTERCEPT ORIGINAL GROUND MARSH OR ROCK PROFILE

EXISTING CULVERT

PROPOSED CULVERT

CULVERT (Profile View)

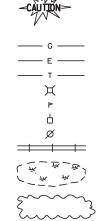
COMBUSTIBLE FLUIDS UNDERGROUND UTILITIES

ELECTRIC TELEPHONE OR TELEGRAPH SERVICE PEDESTAL

CABLE MARKER POWER POLE TELEPHONE POLE RAILROAD

MARSH AREA

WOODED OR SHRUB AREA



LAYOUT PROJECT ID 1000-77-18

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT

CONTRACT

PROJECT

STATE PROJECT

1000-77-18

PREPARED BY Surveyor DONALD STEEL Designer DONALD STEEL Regional Supervisor _____DON_BERGHAMMER C.O. Examiner

APPROVED FOR THE DEPARTMENT

DATE: 1/23/18

|2

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



PROJECT NO: 1000-77-18

HWY: VARIOUS

COUNTY: VARIOUS

UTILITY CONTACT LIST

SHEET

CUEET

Ε

FILE NAME: N:\PDS\Projects\10007718\Plan_Set\020101_ut.dgn

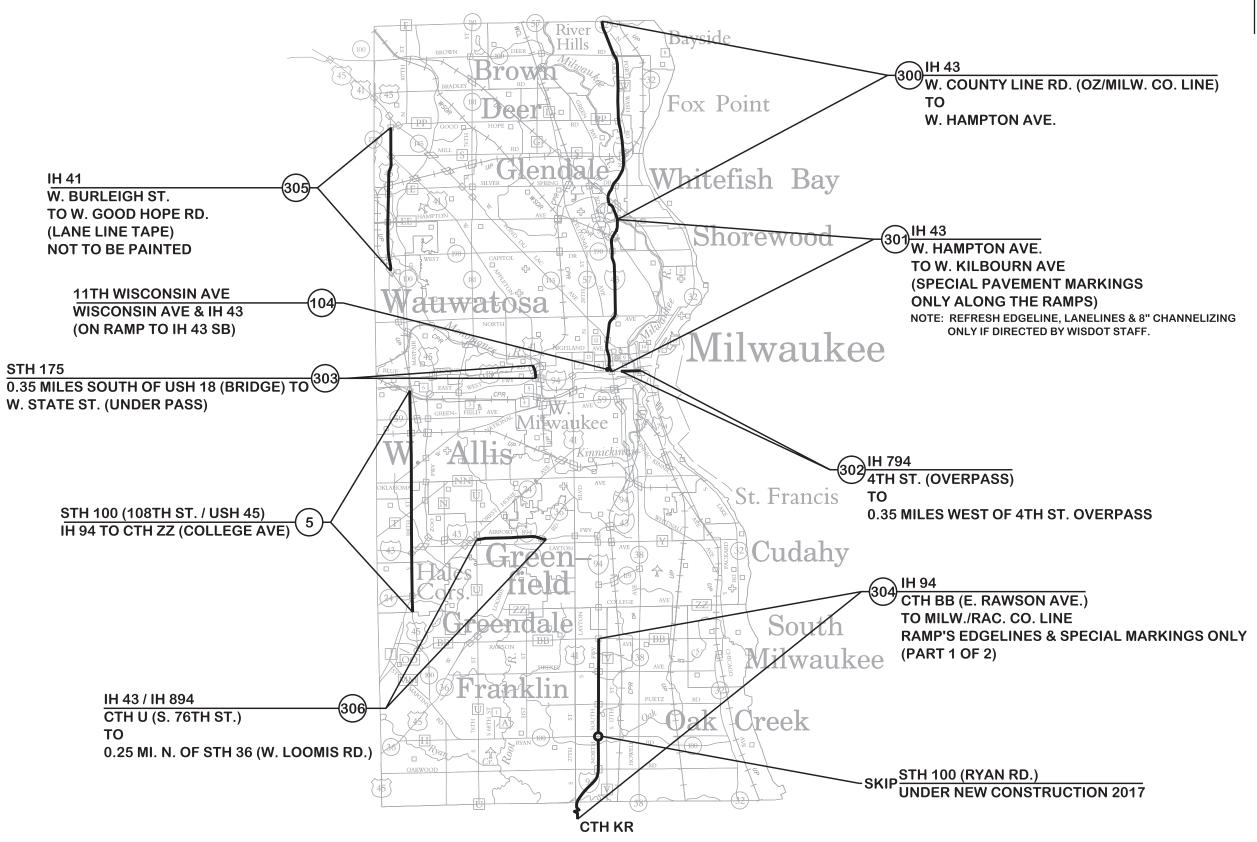
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PLOT BY : dotcmv

PLOT NAME :

PLOT SCALE : 200:1





PROJECT NO: 1000-77-18

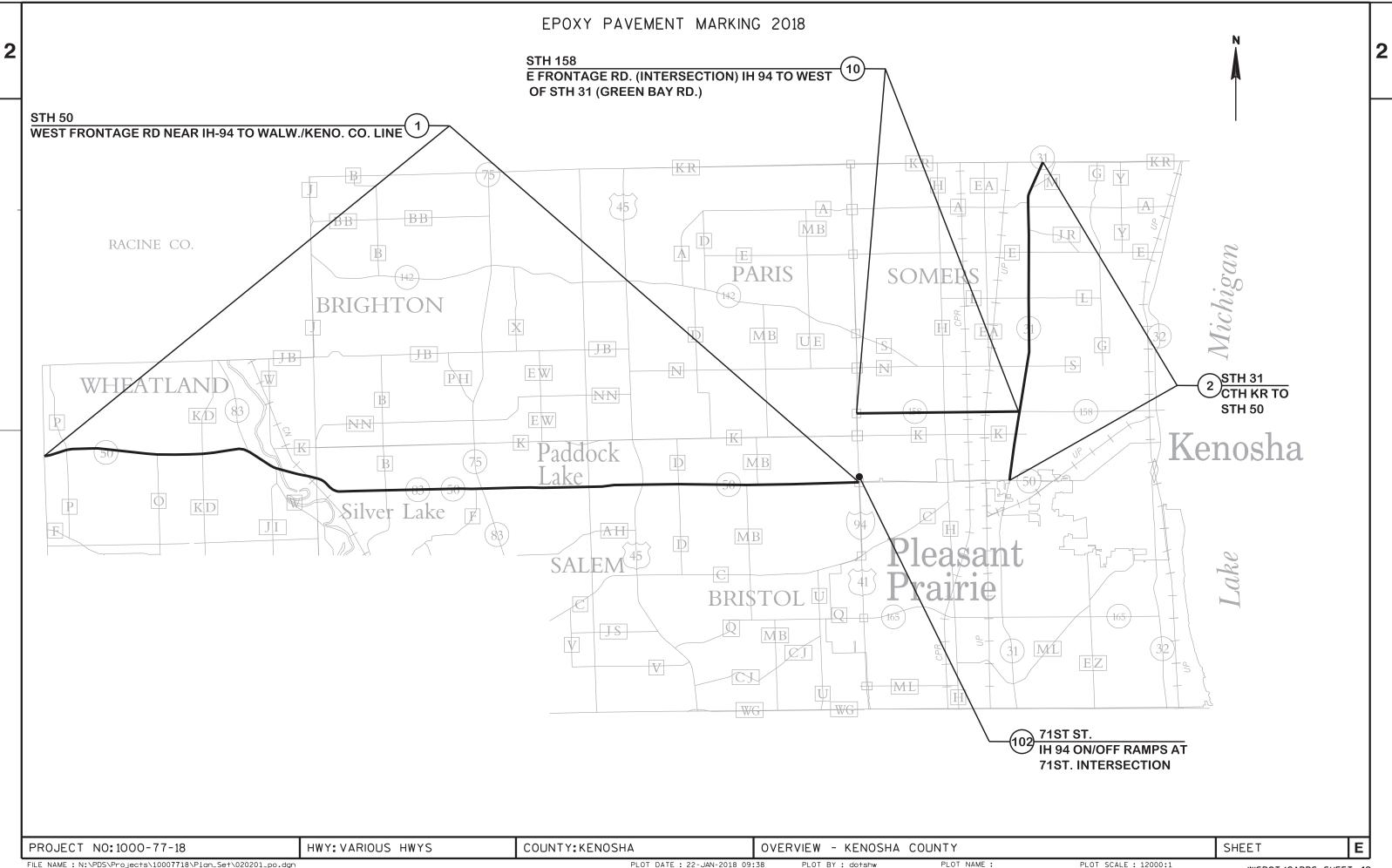
HWY: VARIOUS HWYS

COUNTY: MILWAUKEE

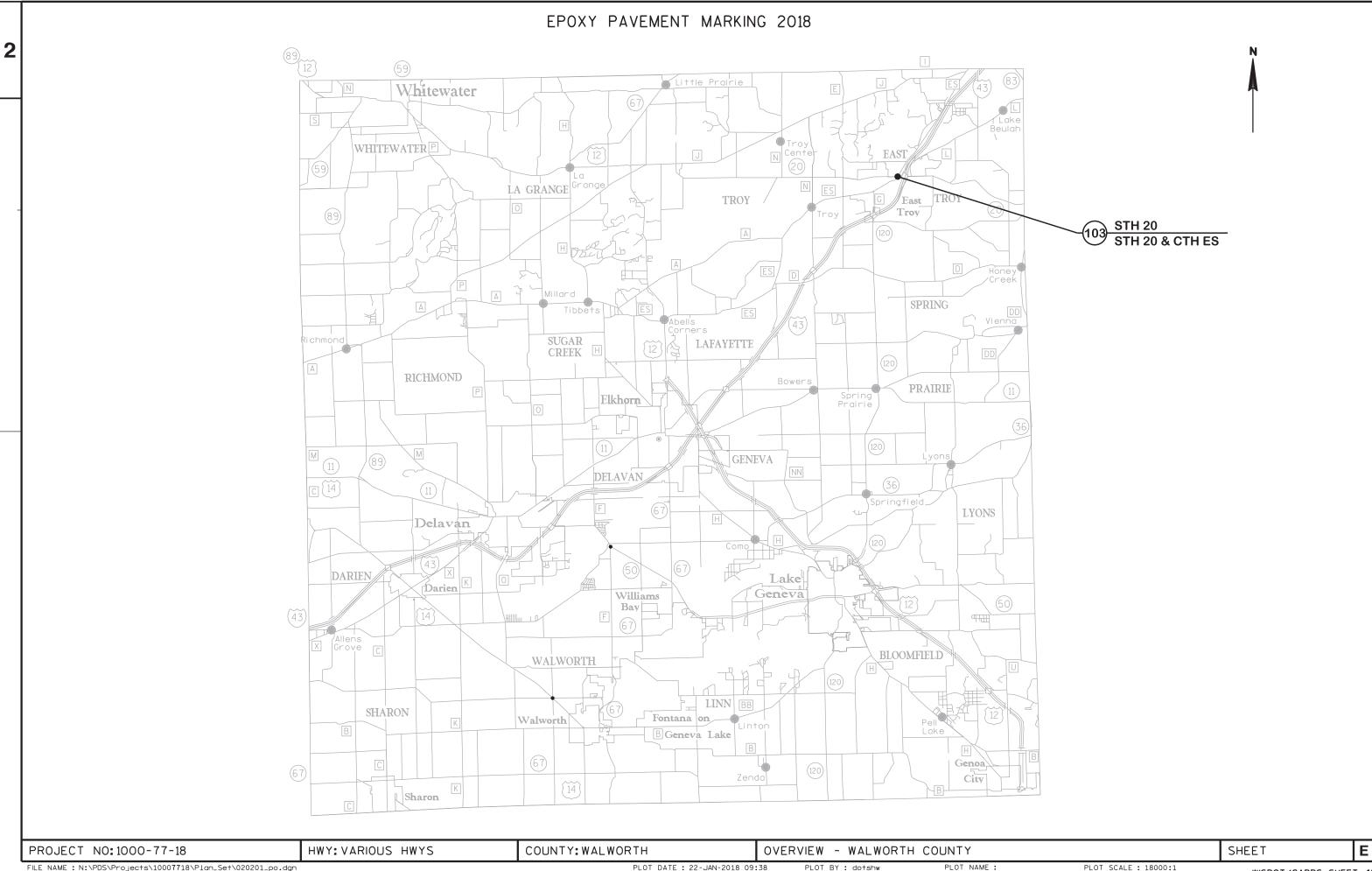
OVERVIEW - MILWAUKEE COUNTY

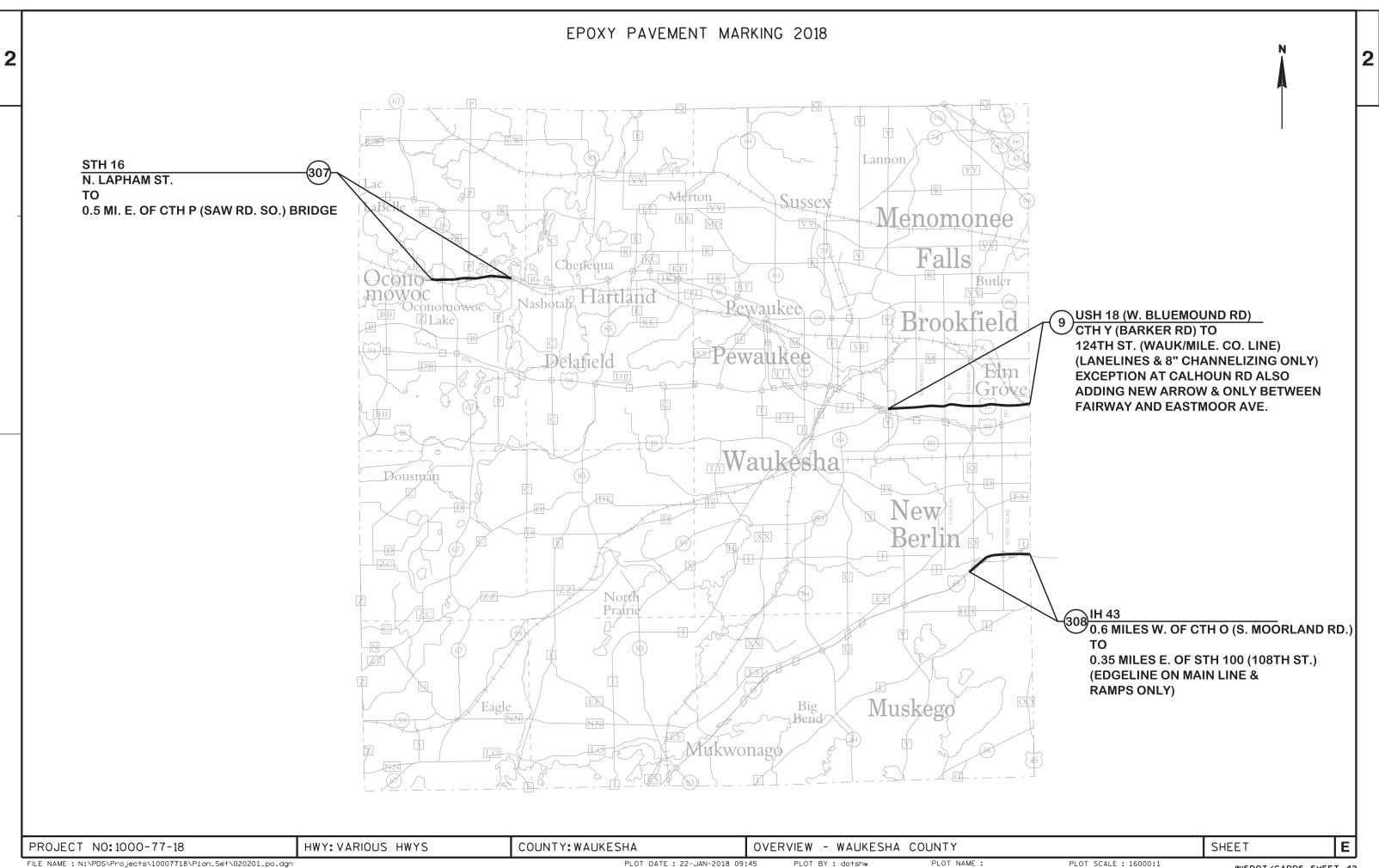
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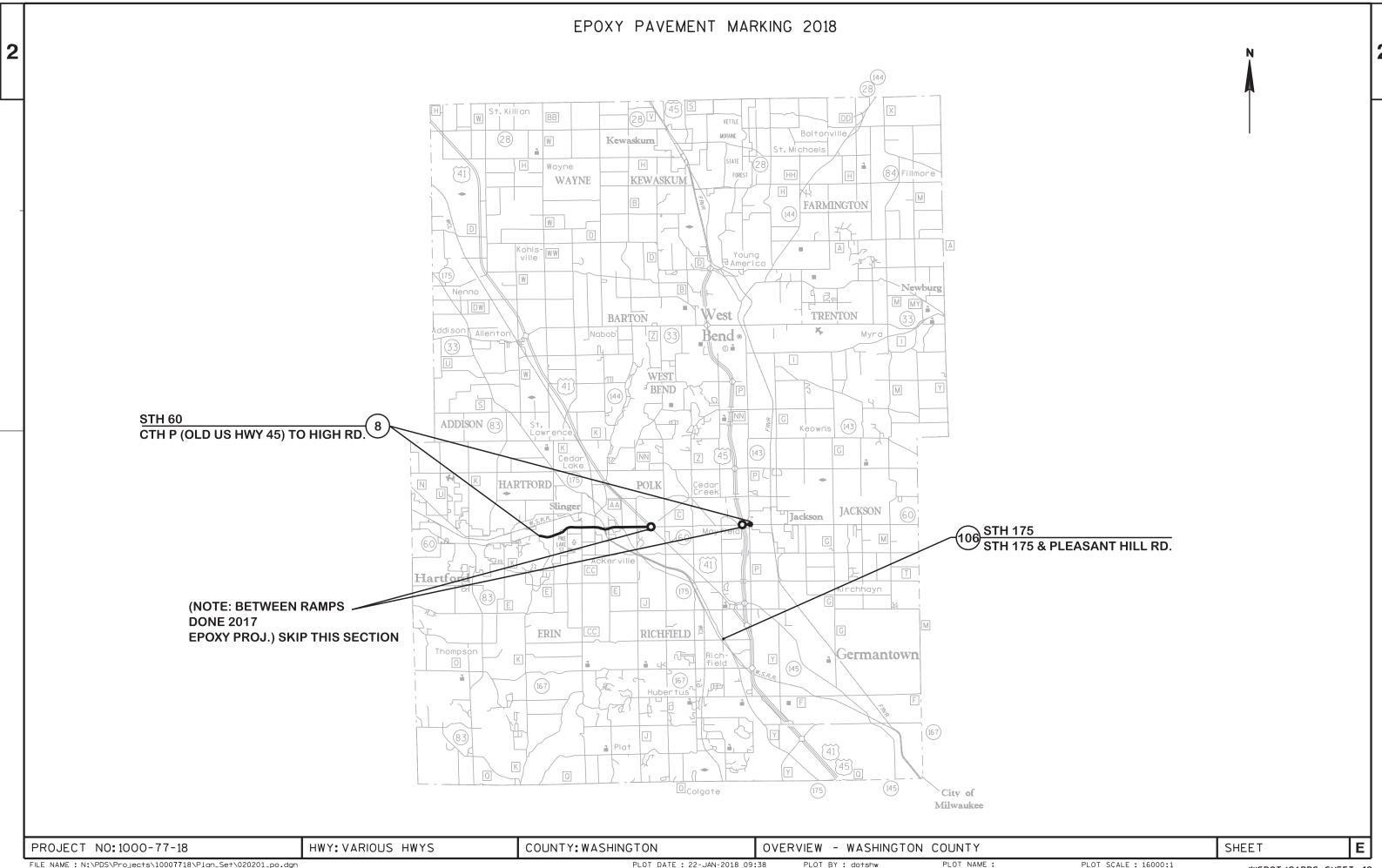
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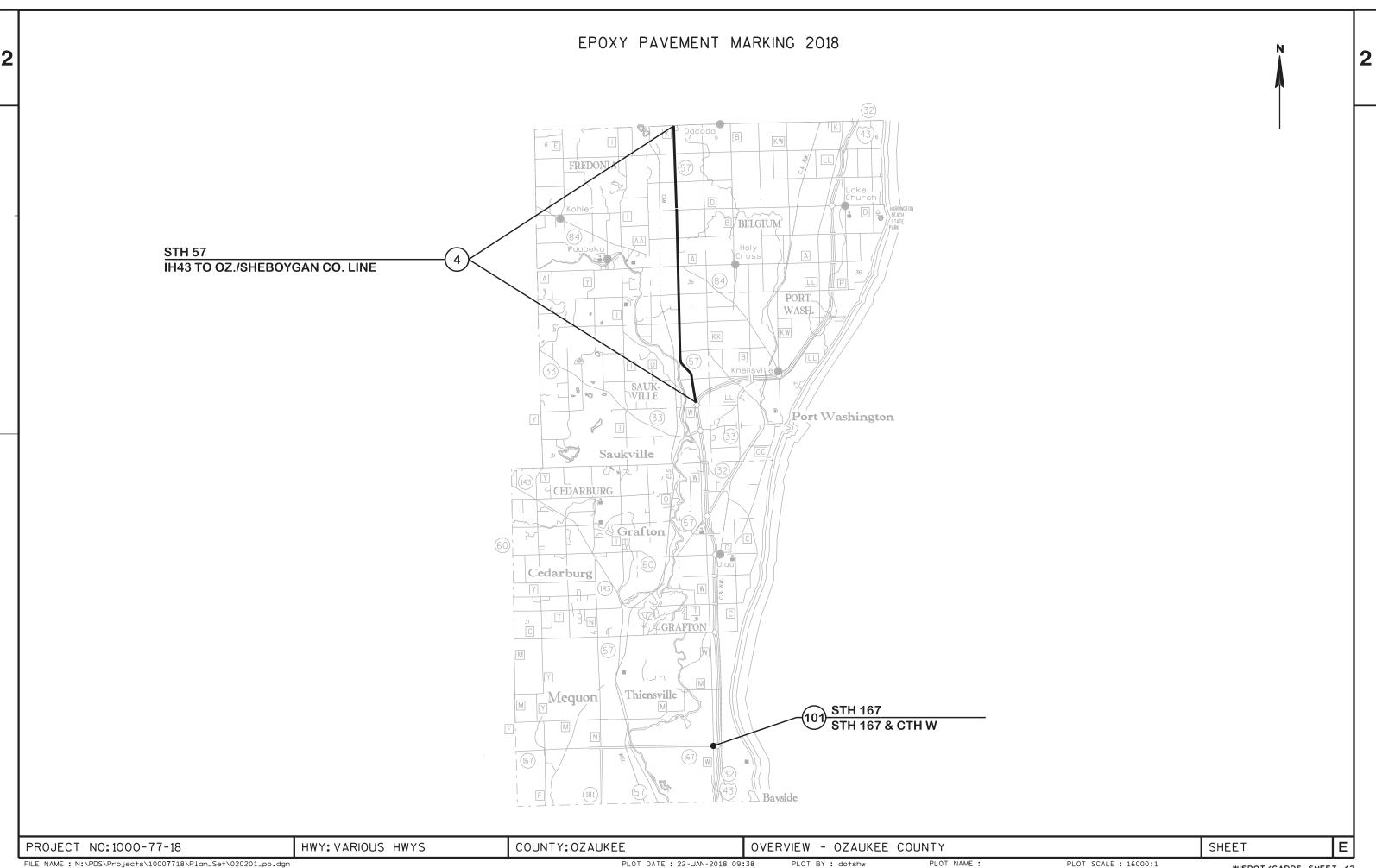


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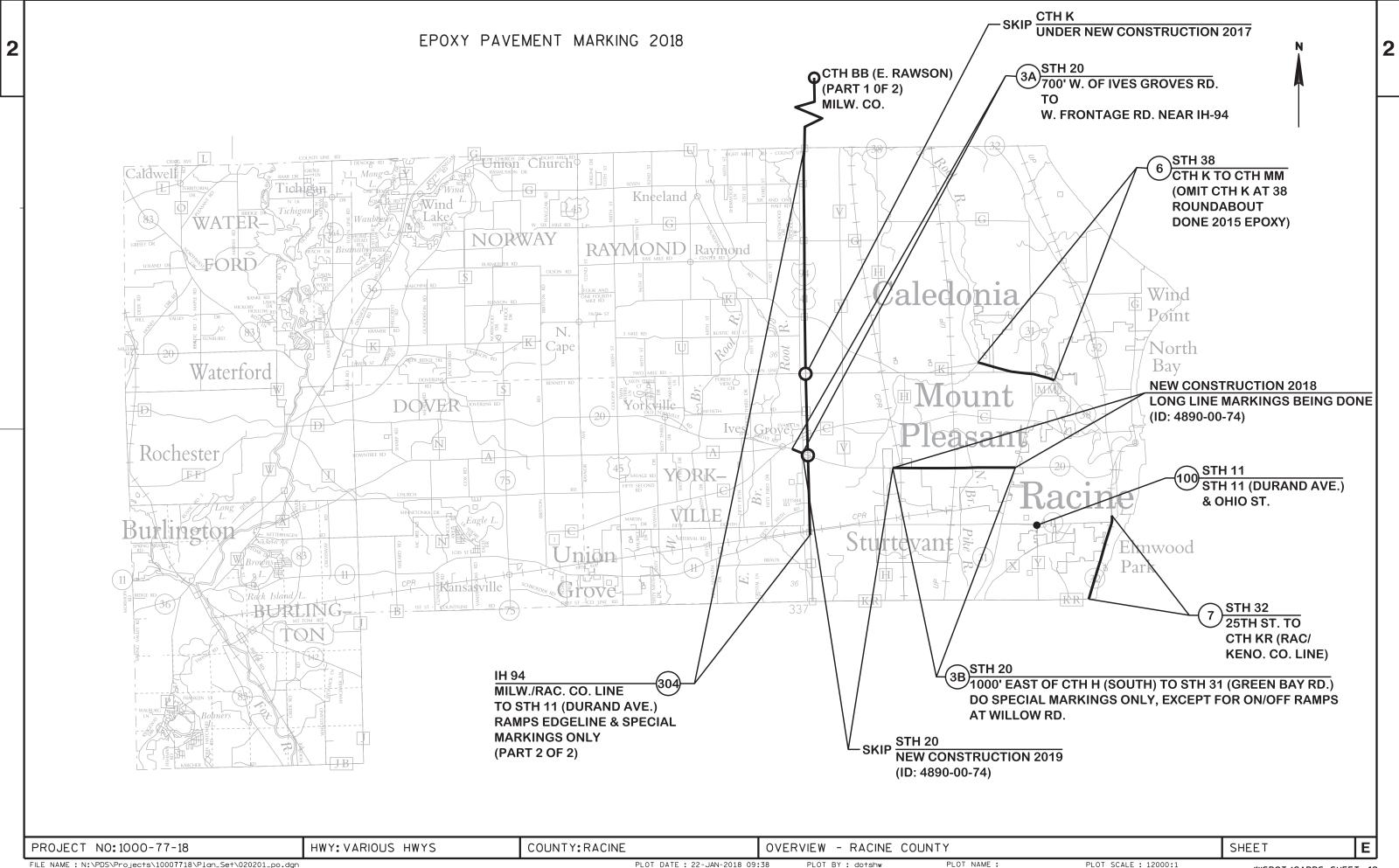




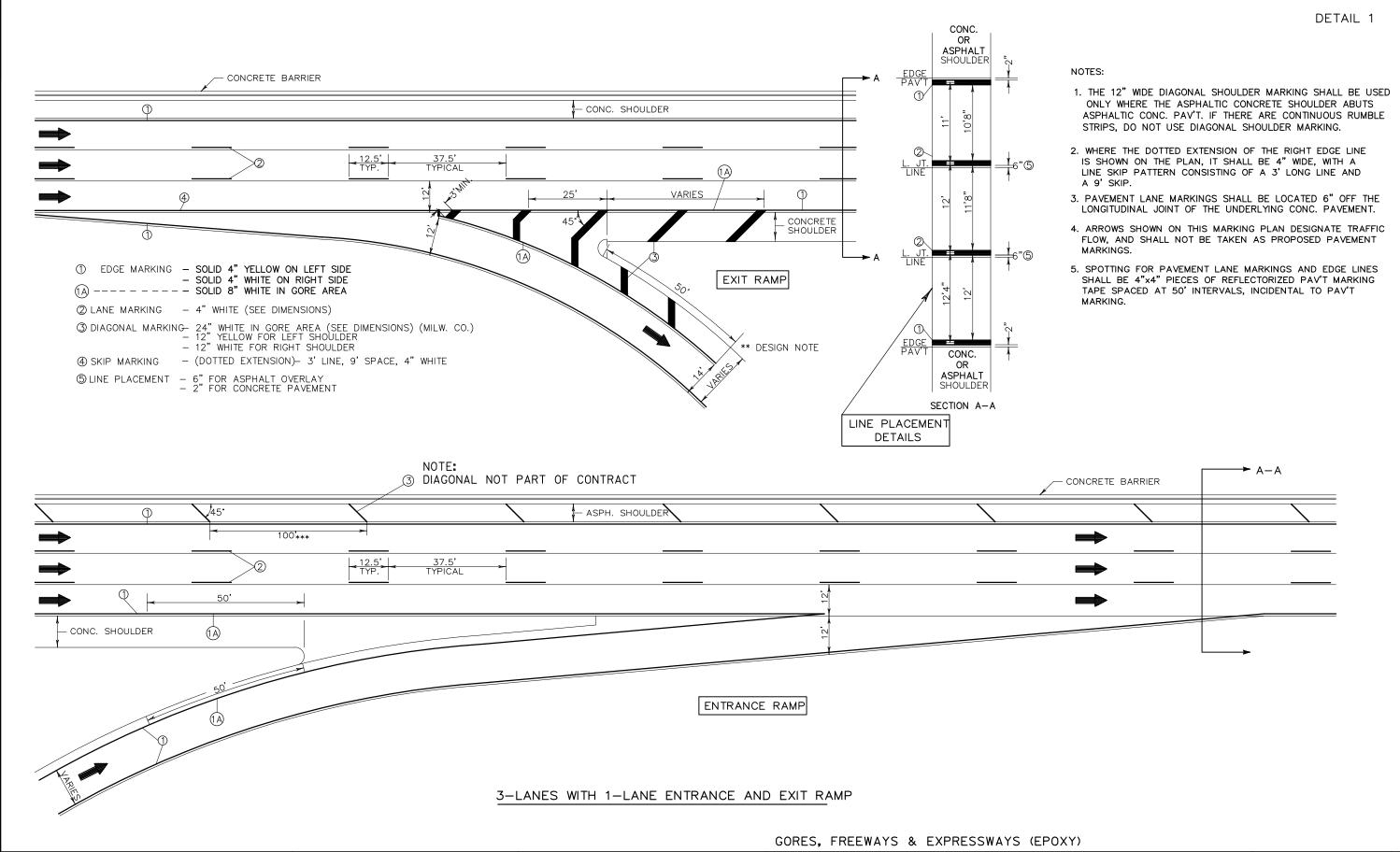




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HWY: VARIOUS

PROJECT NO: 1000-77-18

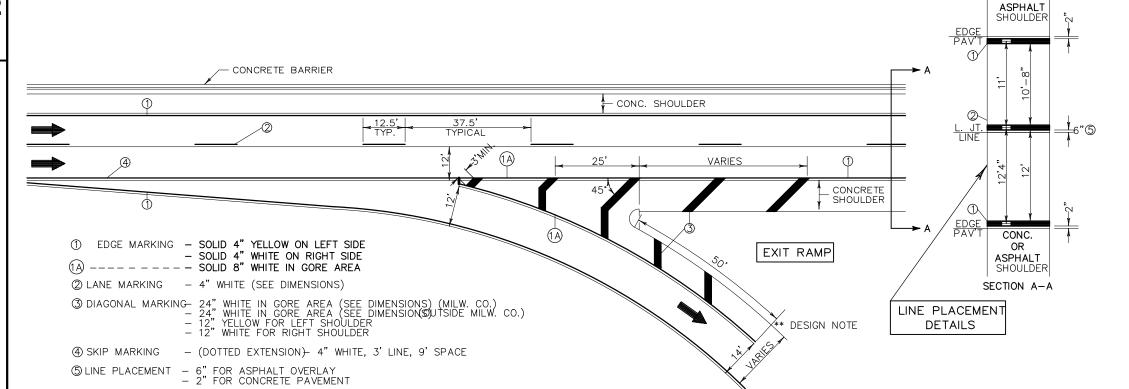
COUNTY: VARIOUS

PAVEMENT MARKING DETAIL

E

SHEET

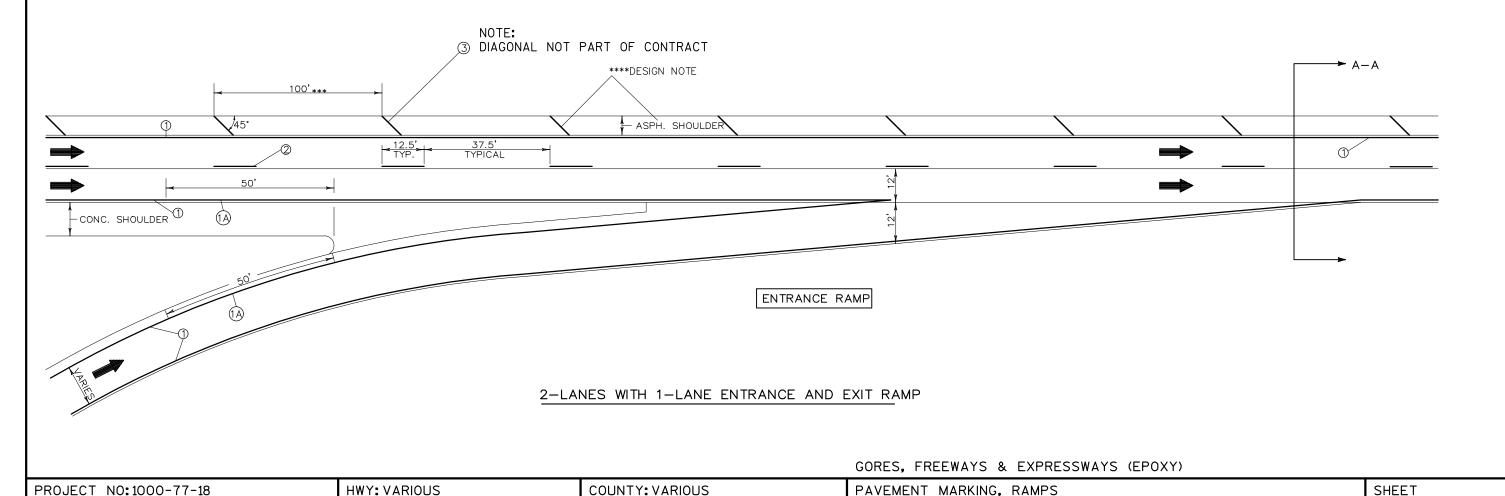




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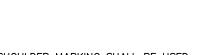
CONC. OR

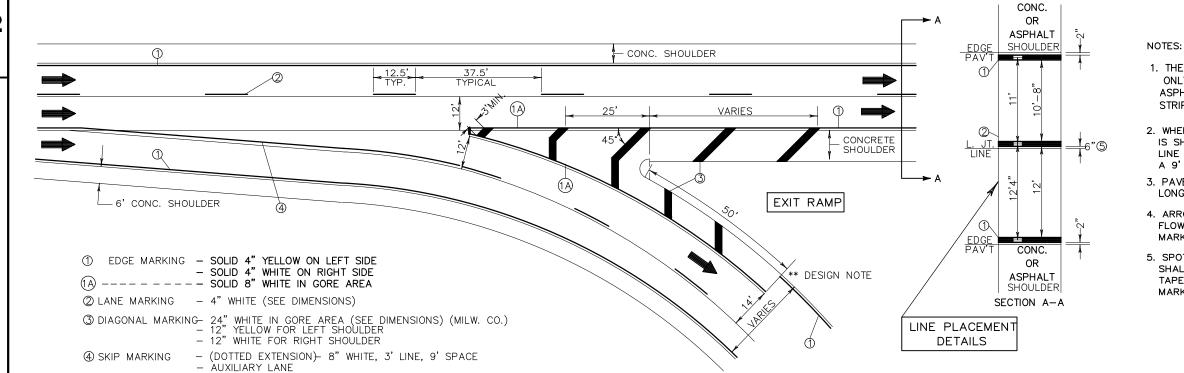
- 1. THE 12" WIDE DIAGONAL SHOULDER MARKING SHALL BE USED ONLY WHERE THE ASPHALTIC CONCRETE SHOULDER ABUTS ASPHALTIC CONC. PAV'T. IF THERE ARE CONTINUOUS RUMBLE STRIPS, DO NOT USE DIAGONAL SHOULDER MARKING.
- 2. WHERE THE DOTTED EXTENSION OF THE RIGHT EDGE LINE IS SHOWN ON THE PLAN, IT SHALL BE 4" WIDE, 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.



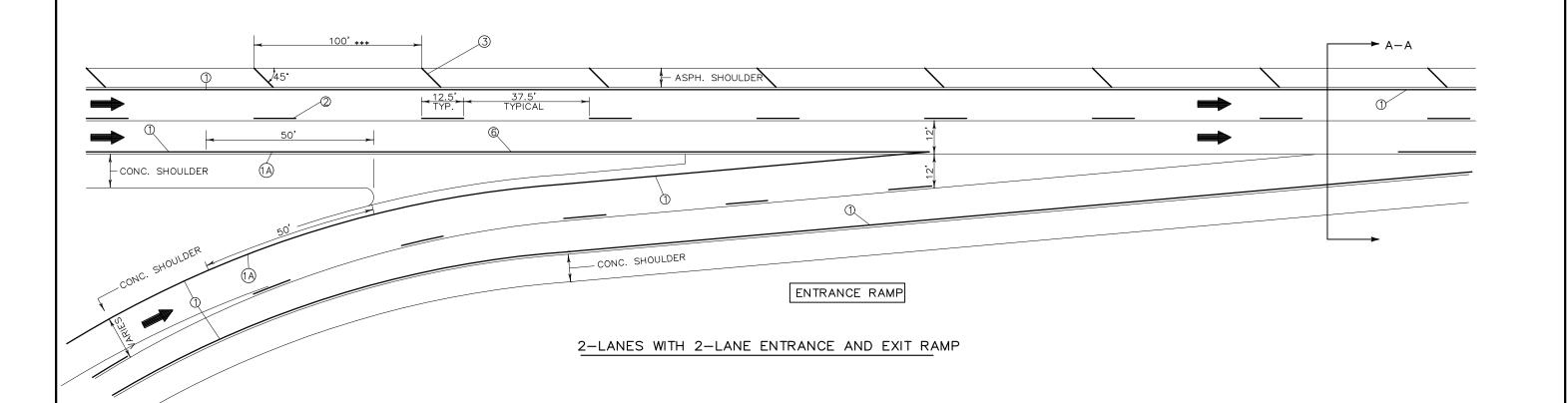
E







- 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.
- 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.



PROJECT NO:1000-77-18 HWY: VARIOUS

FILE NAME: N:\PDS\PROJECTS\10007718\PLAN_SET\021001_CD.DWG

LAYOUT NAME - PM_DETAIL_3_021001

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

COUNTY: VARIOUS

PAVEMENT MARKING, RAMPS

GORES, FREEWAYS & EXPRESSWAYS (EPOXY)

SHEET

E



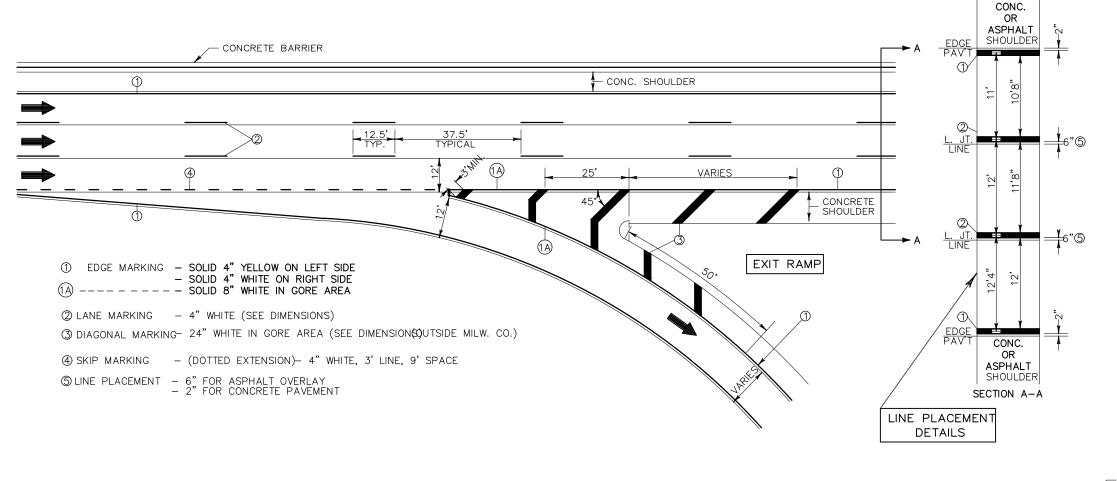
DETAIL 4

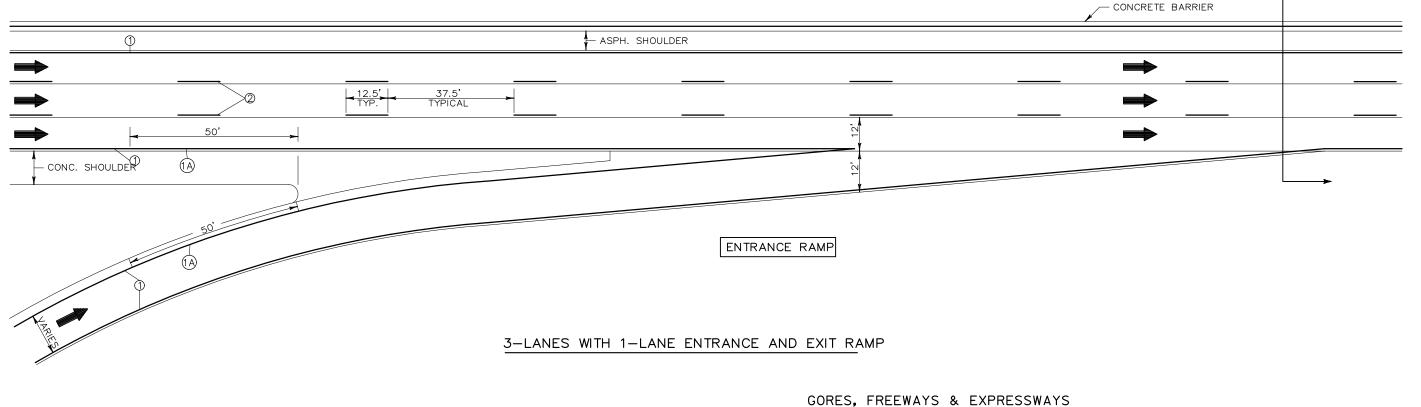


→ A – A

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.





HWY: VARIOUS

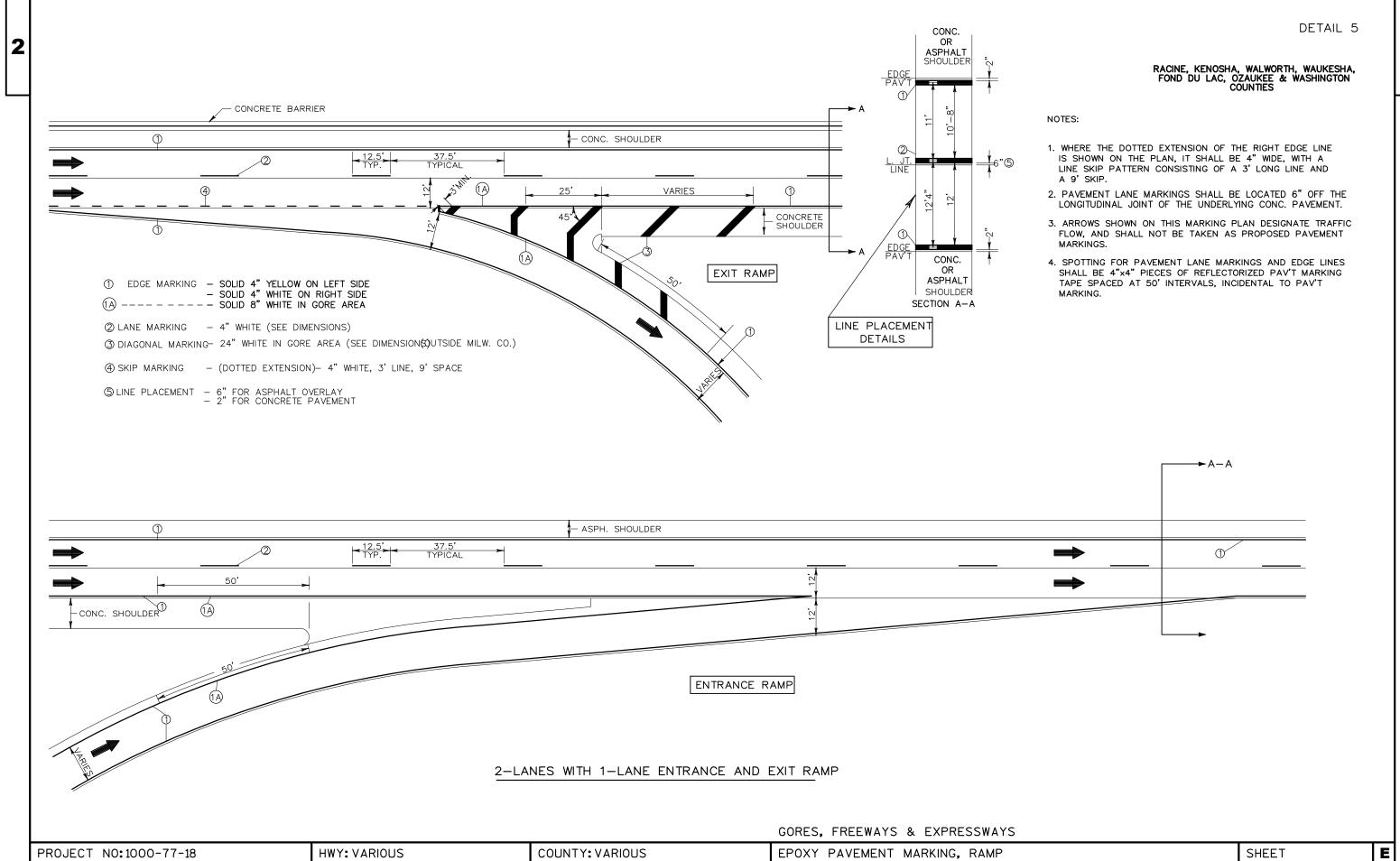
PROJECT NO: 1000-77-18

COUNTY: VARIOUS

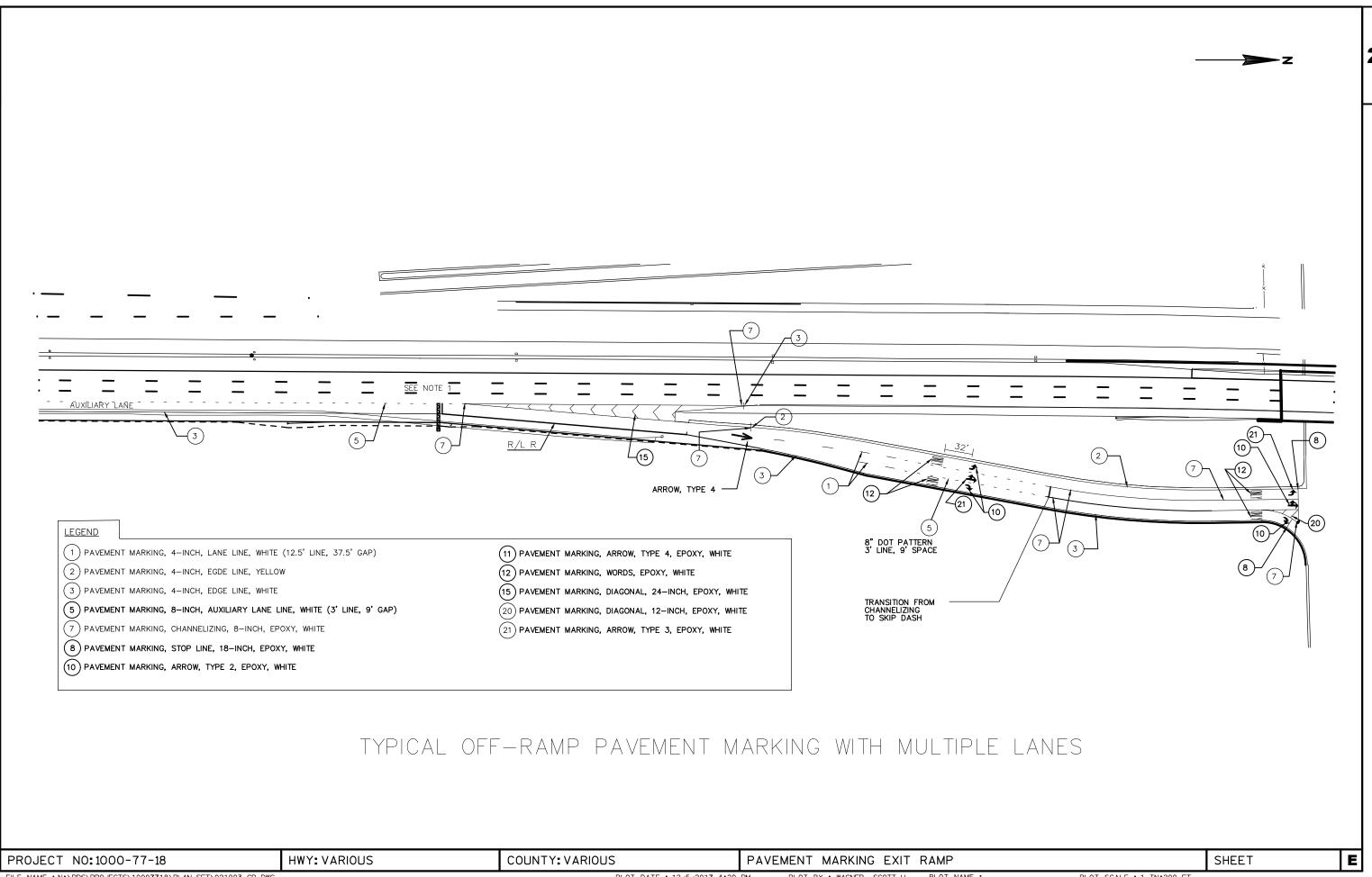
EPOXY PAVEMENT MARKING, RAMP

SHEET

E

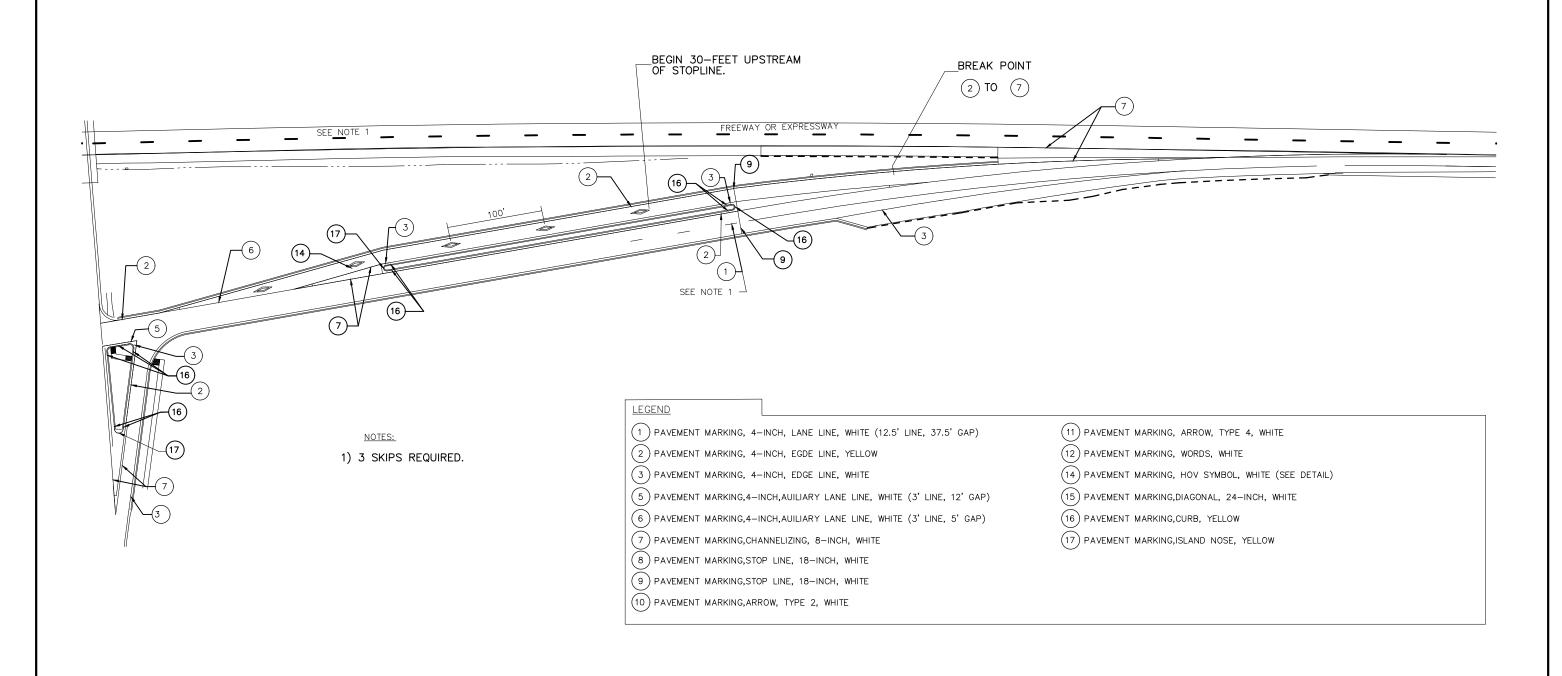


2 DISTANCE TABLE POSTED OR 85TH PERCENTILE SPEED DISTANCE 670 40 775 45 -300' SOLID 8" CHANNELIZING IF AUXILIARY IS 1300 FEET OR GREATER IN LENGTH 50 885 55 990 60 1100 65 1200 70 1300 LANE LINE 4" CONTRAST -4" WHITE CONTRAST LANE LINE 12.5' LINE, 37.5' SPACE FREEWAY OR EXPRESSWAY FREEWAY OR EXPRESSWAY LANE REDUCTION MARKINGS LANE DROP MARKINGS SERVICE INTERCHANGES PROJECT NO: 1000-77-18 HWY: VARIOUS COUNTY: VARIOUS LANE DROP & LANE REDUCTION APPLICATION FREEWAY & EXPRESSWAY SHEET E



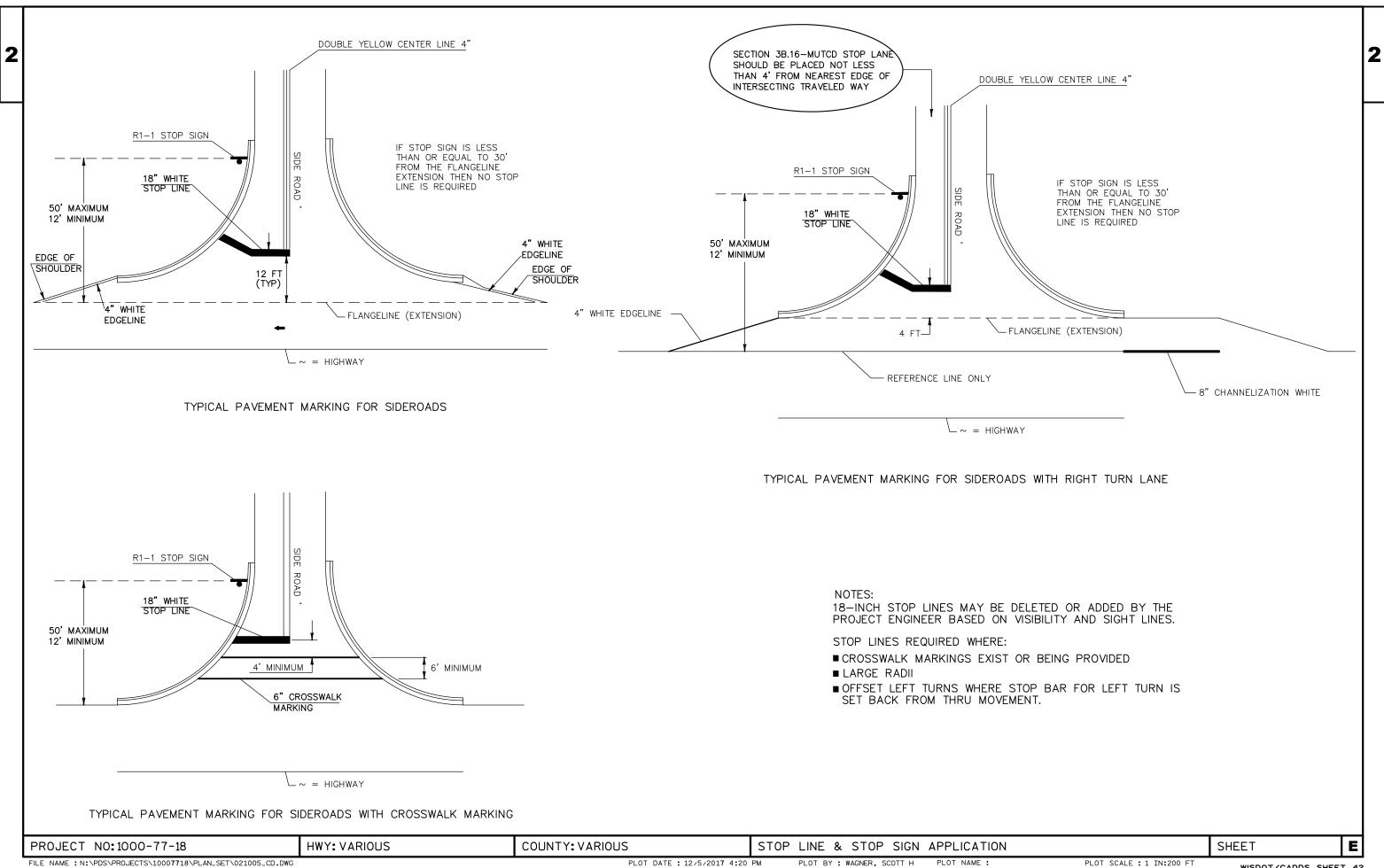
FILE NAME: N:\PDS\PROJECTS\10007718\PLAN_SET\021003_CD.DWG LAYOUT NAME - PM_DETAIL_8_021003





TYPICAL RAMP METER AND HOV LANE MARKING

PROJECT NO:1000-77-18 HWY: VARIOUS COUNTY: VARIOUS PAVEMENT MARKING, HOV SHEET **E**

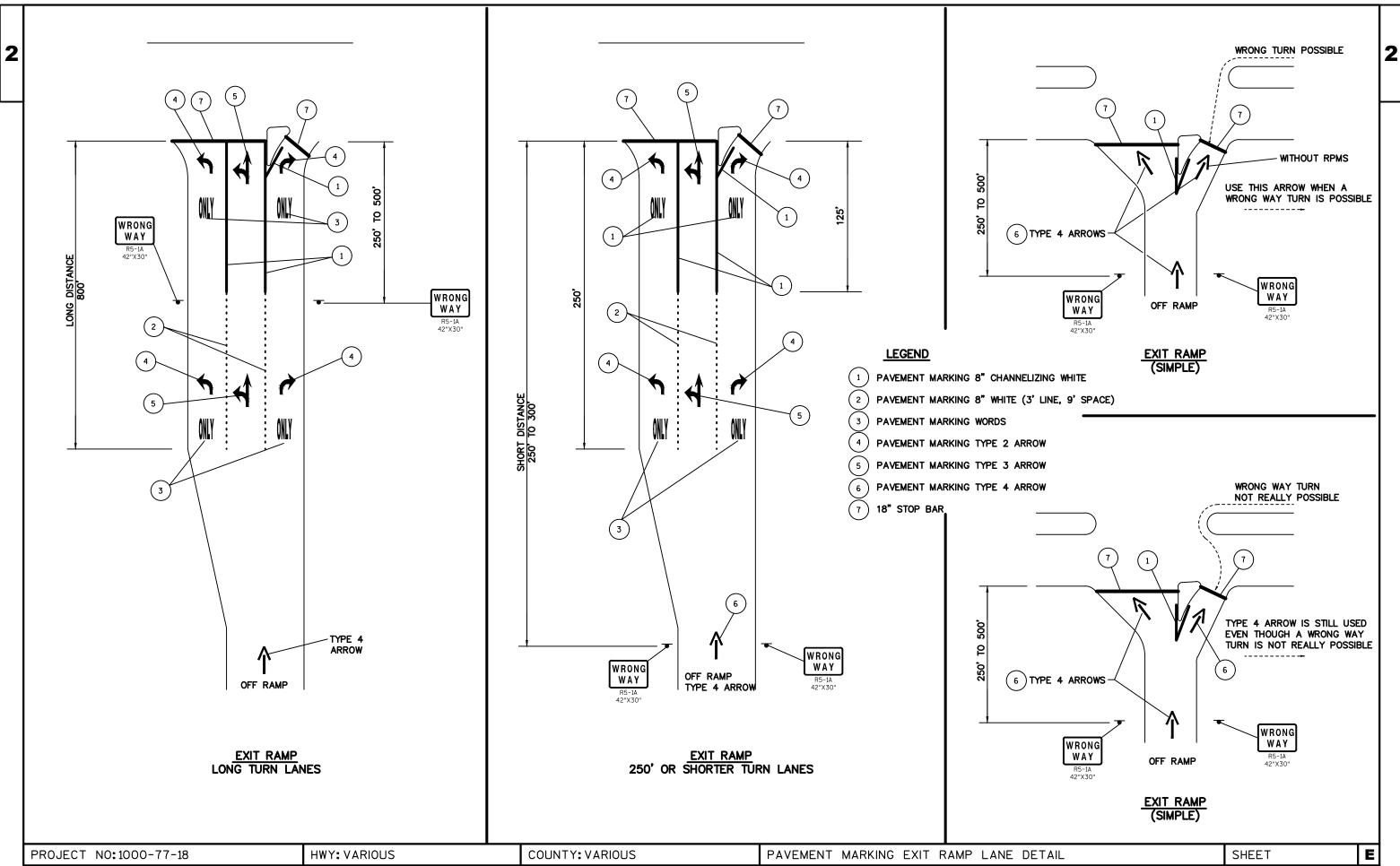


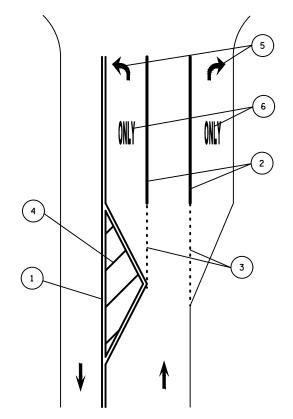
POSITION TIP OF TYPE 4 ARROW
AT "WRONG WAY" SIGN LOCATION
(SEE SDD FOR ARROW CONFIGURATION)

EXIT RAMP PLAN VIEW

(RAMPS & ARROWS)

PROJECT NO:1000-77-18 HWY: VARIOUS COUNTY: VARIOUS MARKINGS - WRONG WAY ARROW SHEET **E**



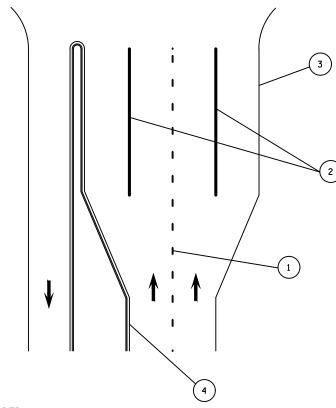


NOTE: IF SIGNALIZED ADD STOP BAR

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

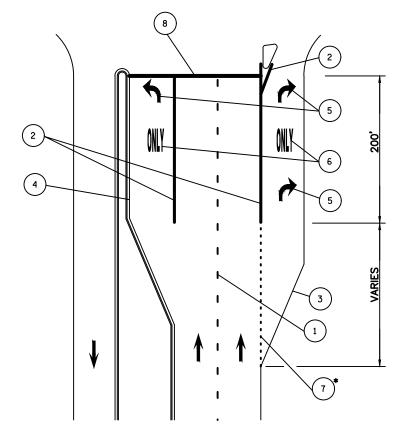


NOTE: IF OUTSIDE SHOULDER
IS NOT CURB & GUTTER THEN
ALWAYS USE EDGELINE
REGARDLESS OF SPEED LIMIT

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

- $\begin{pmatrix} 1 \end{pmatrix}$ 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: 1000-77-18

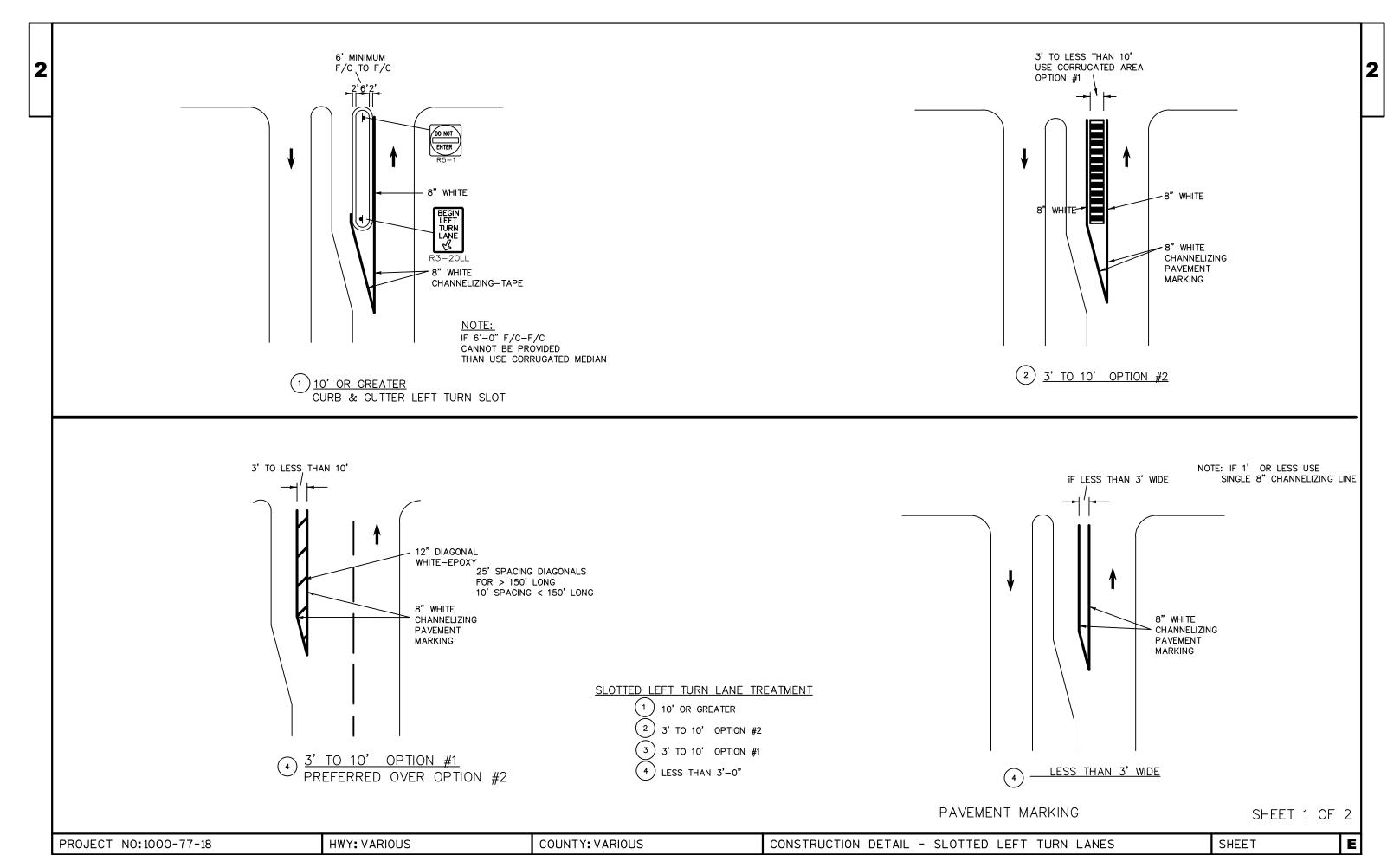
HWY: VARIOUS

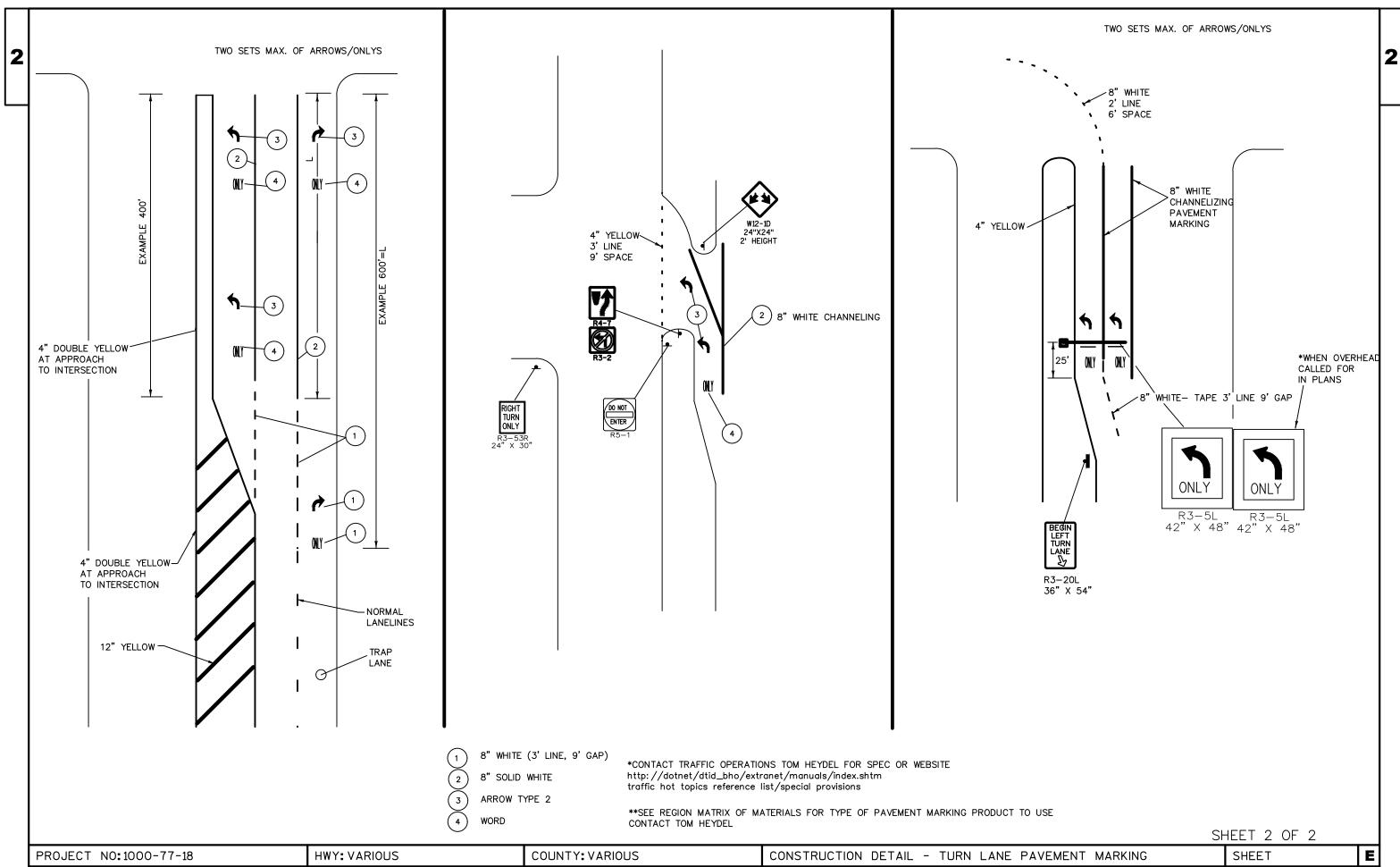
COUNTY: VARIOUS

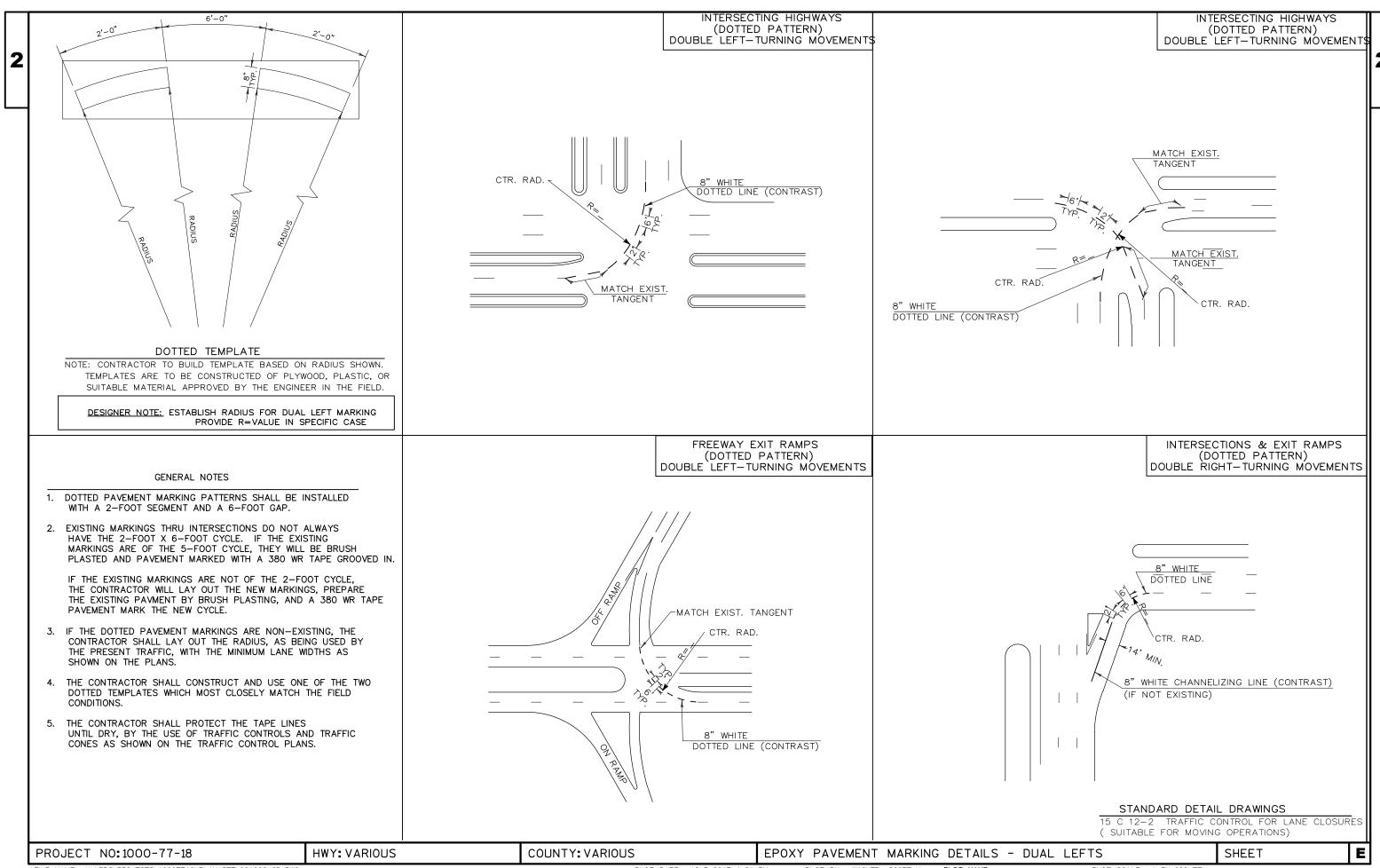
PAVEMENT MARKING DETAIL

SHEET

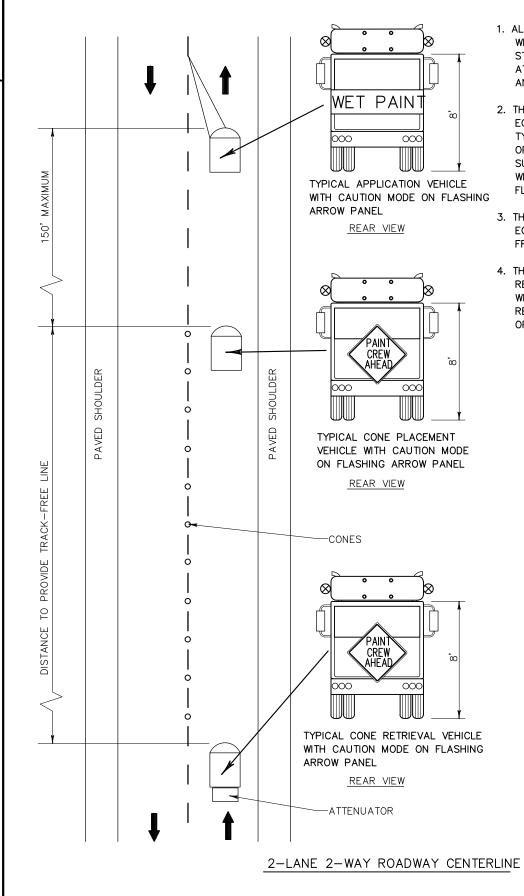
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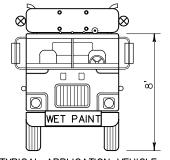






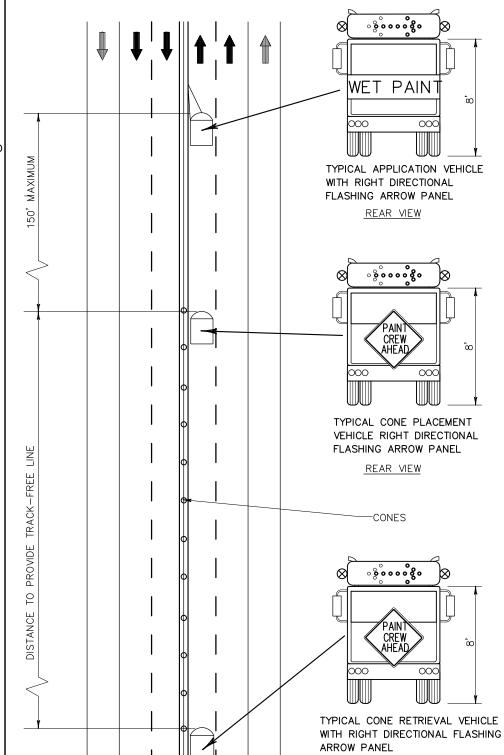


- 1. ALL VEHICLES SHALL BE EQUIPPED WITH ROTATING YELLOW BEACONS OR STROBE LIGHTS MOUNTED SUCH THAT AT LEAST ONE CAN BE SEEN FROM ANY APPROACH ANGLE.
- 2. THE APPLICATION VEHICLE SHALL BE EQUIPPED WITH FRONT AND REAR FACING TYPE A OR B FLASHING ARROW PANELS OPERATING IN CAUTION MODE. ALL SUBSEQUENT VEHICLES 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



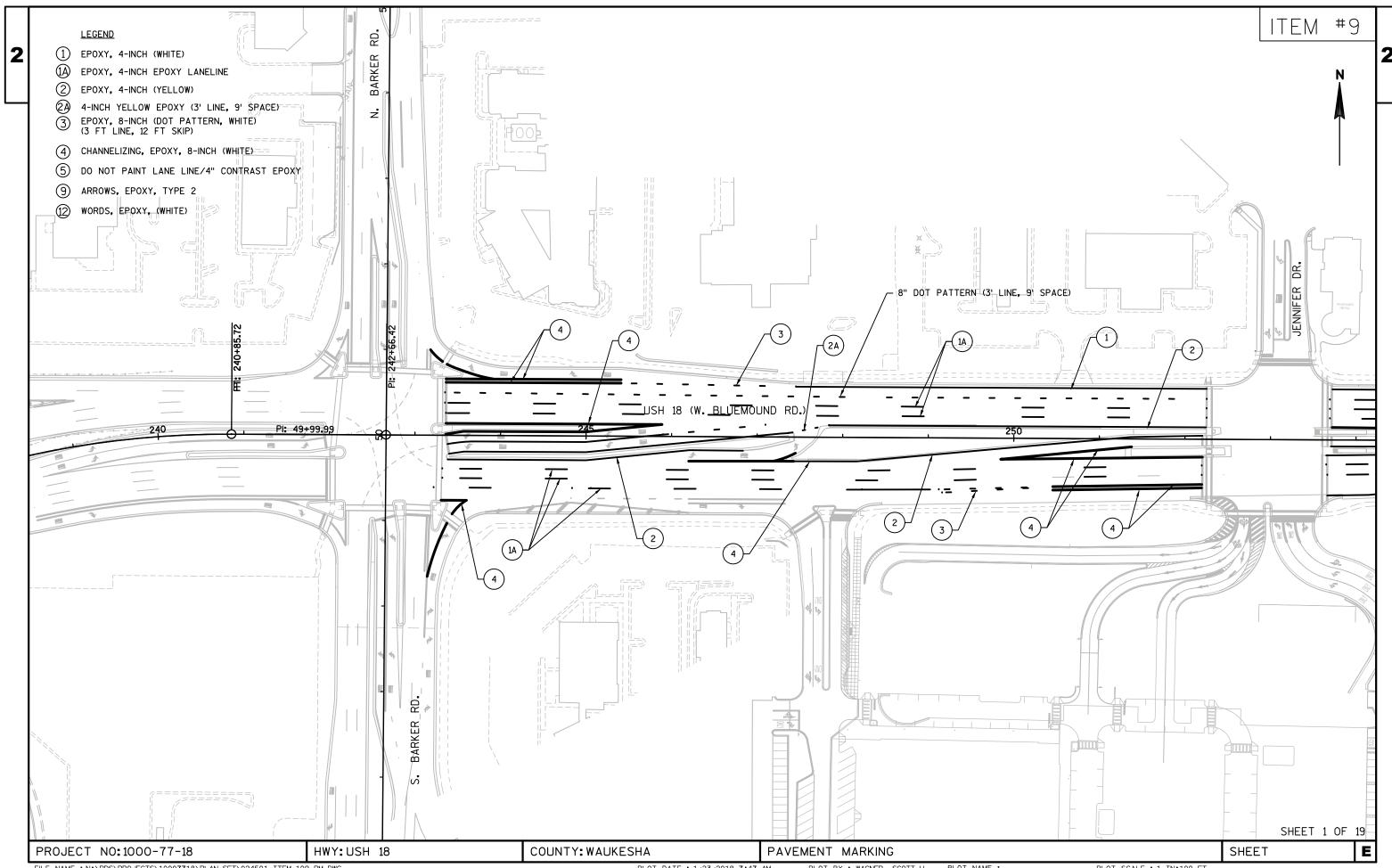
- 1. ALL VEHICLES SHALL BE EQUIPPED WITH ROTATING YELLOW BEACONS OR STROBE LIGHTS MOUNTED SUCH THAT AT LEAST ONE CAN BE SEEN FROM ANY APPROACH ANGLE.
- ALL VEHICLES SHALL BE EQUIPPED WITH A TYPE A OR B FLASHING ARROW PANEL.
- 3. THE APPLICATION VEHICLE SHALL BE EQUIPPED WITH "WET PAINT" SIGNS FRONT AND 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.

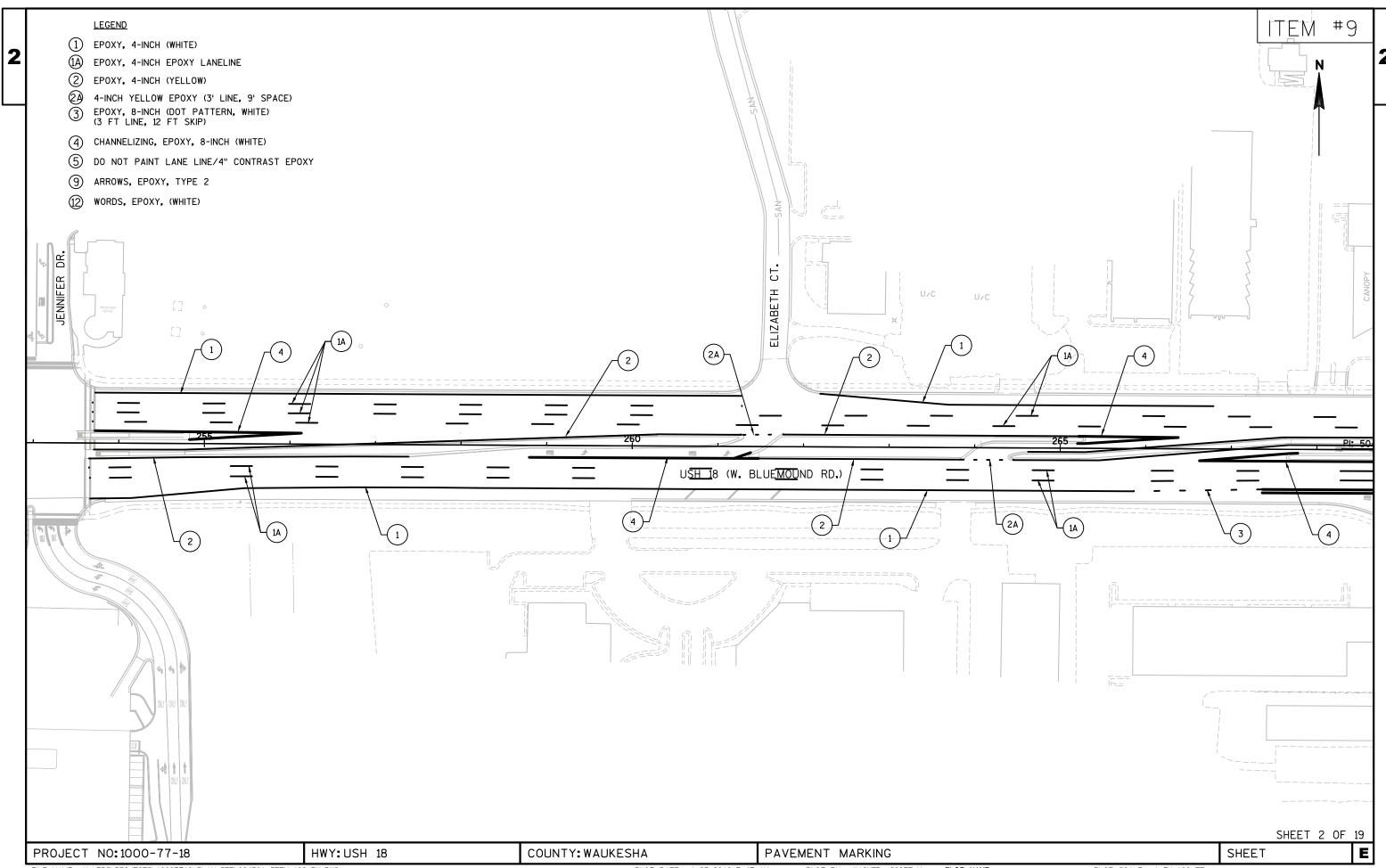
4 OR 6 LANE 2-WAY ROADWAY CENTERLINE

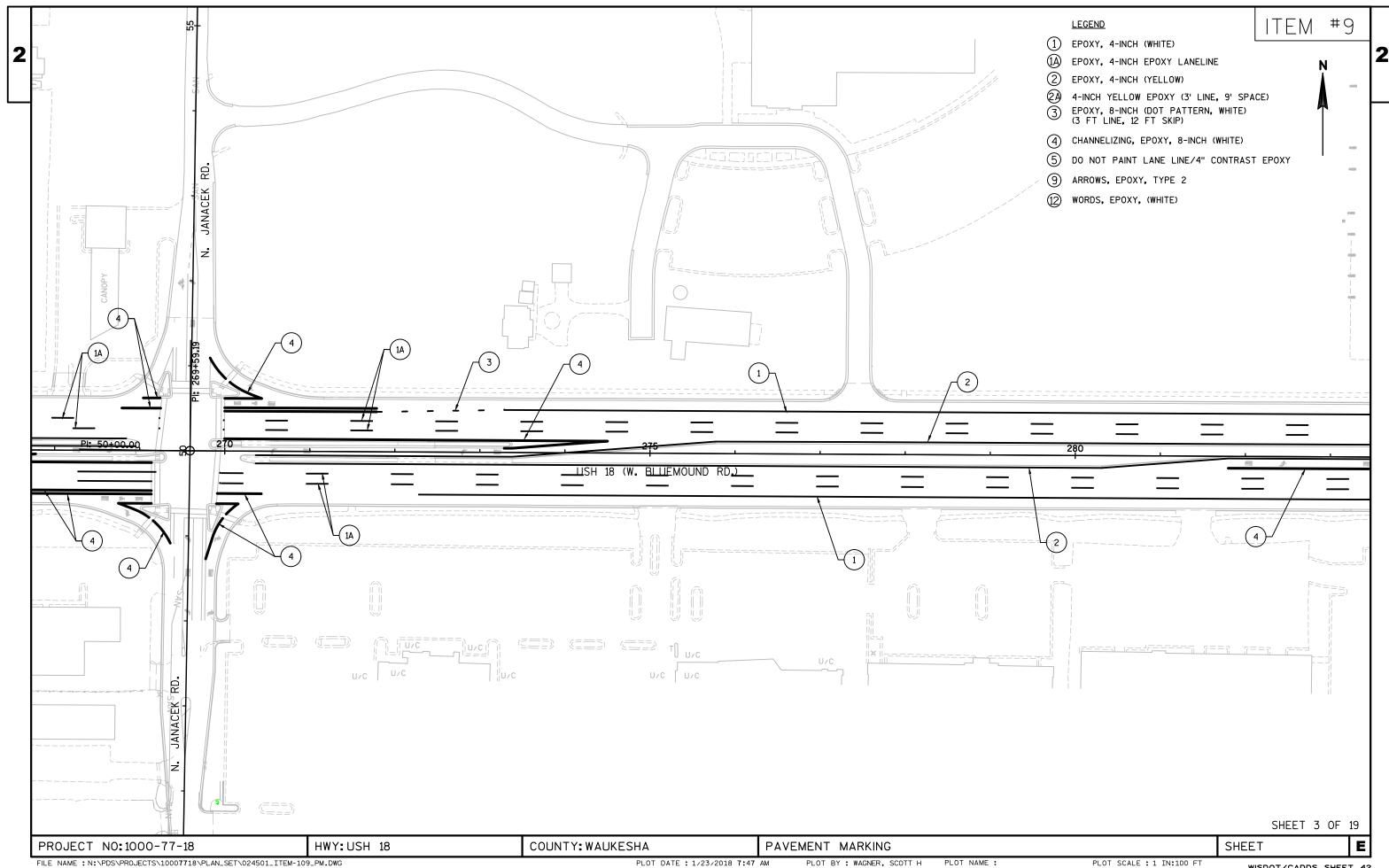
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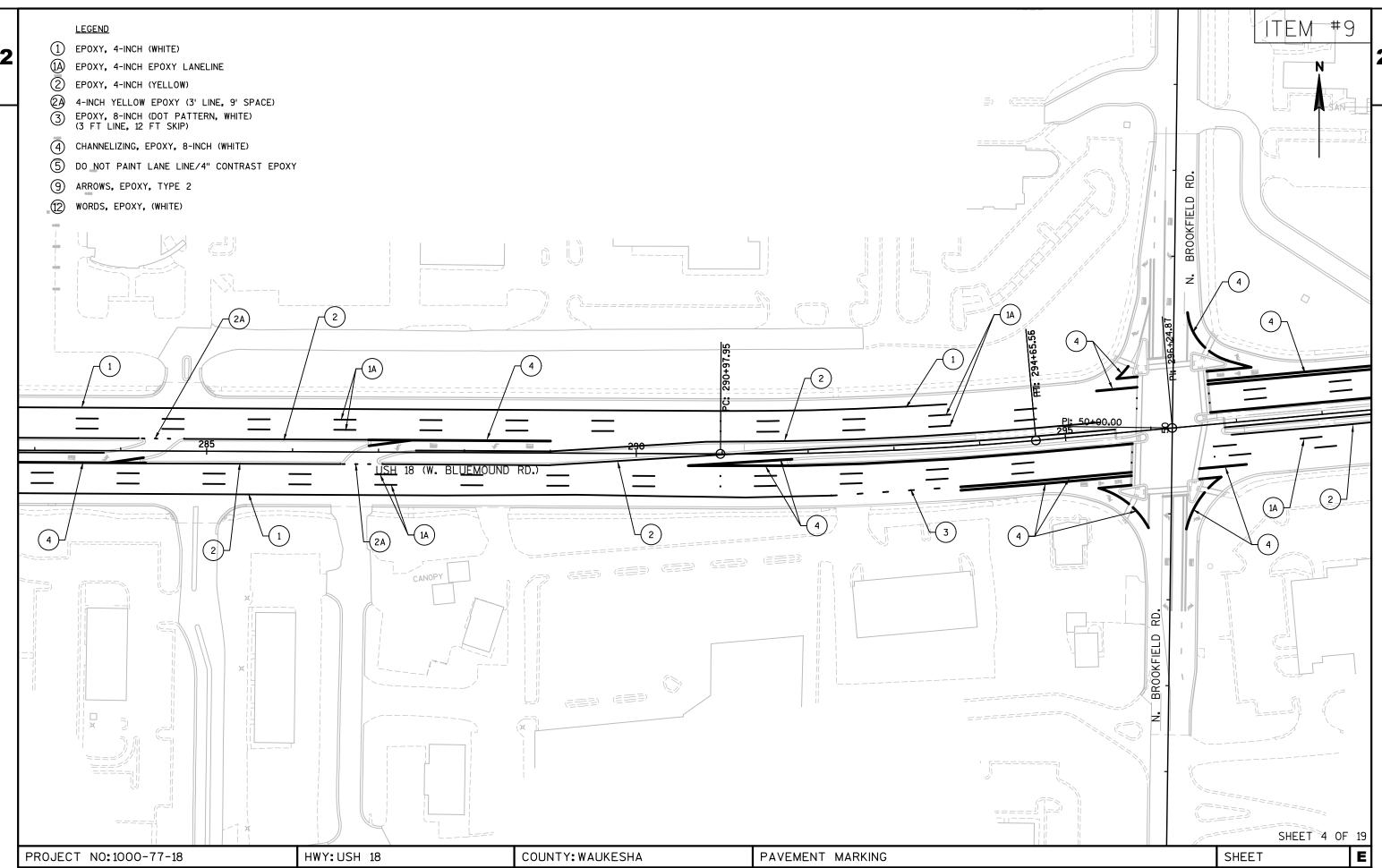
-ATTENUATOR

PROJECT NO:1000-77-18 HWY: VARIOUS COUNTY: VARIOUS XXX

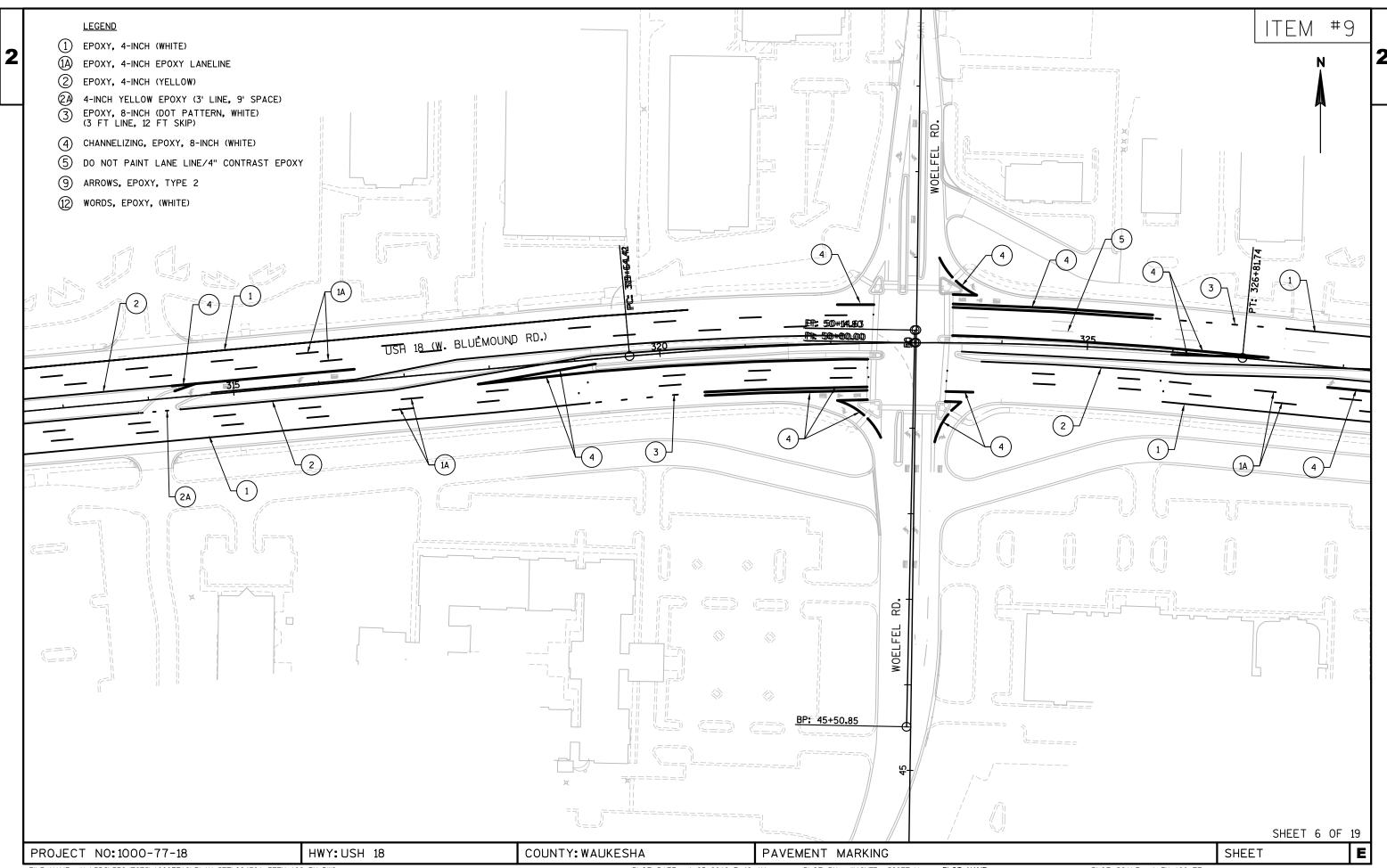


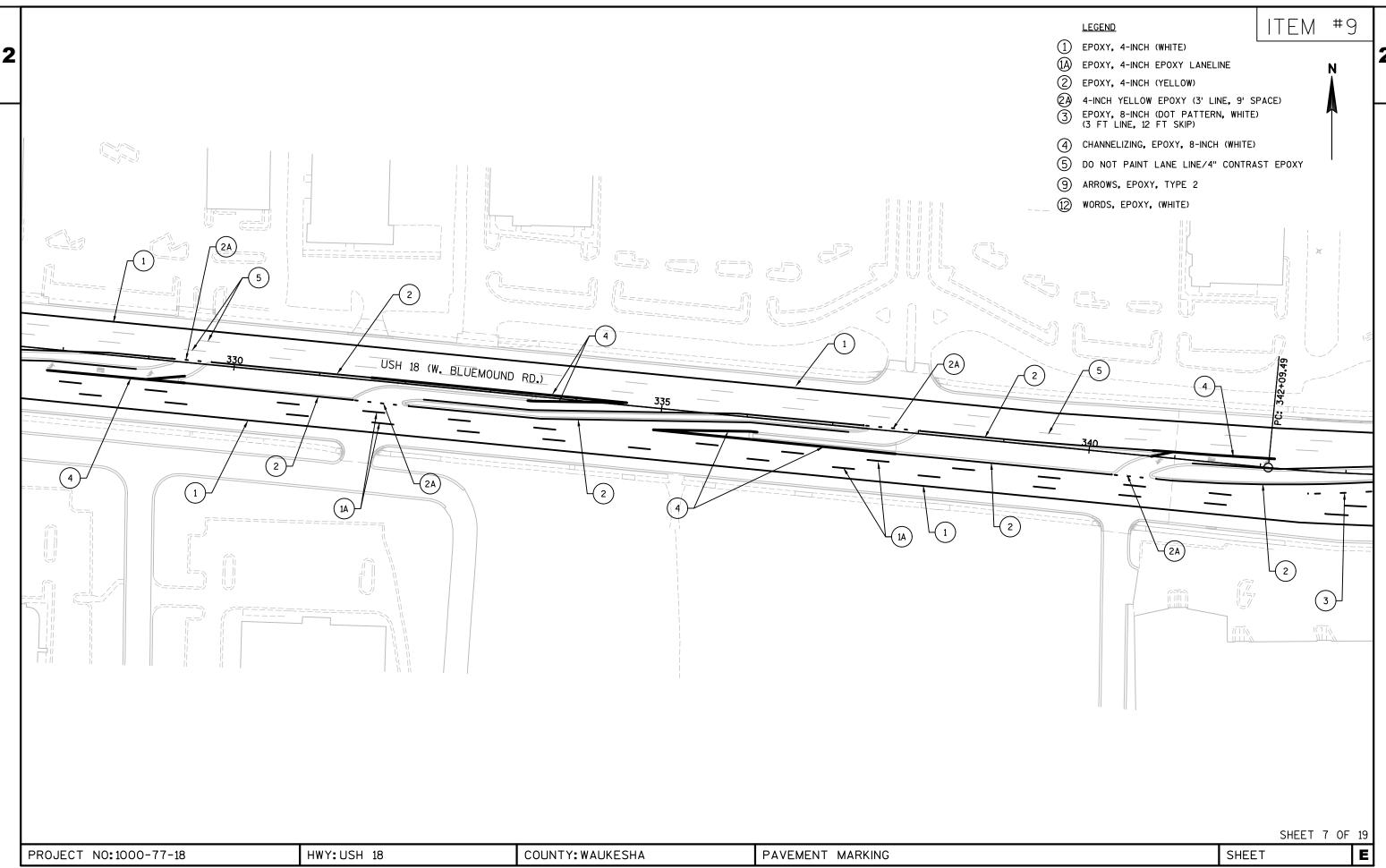


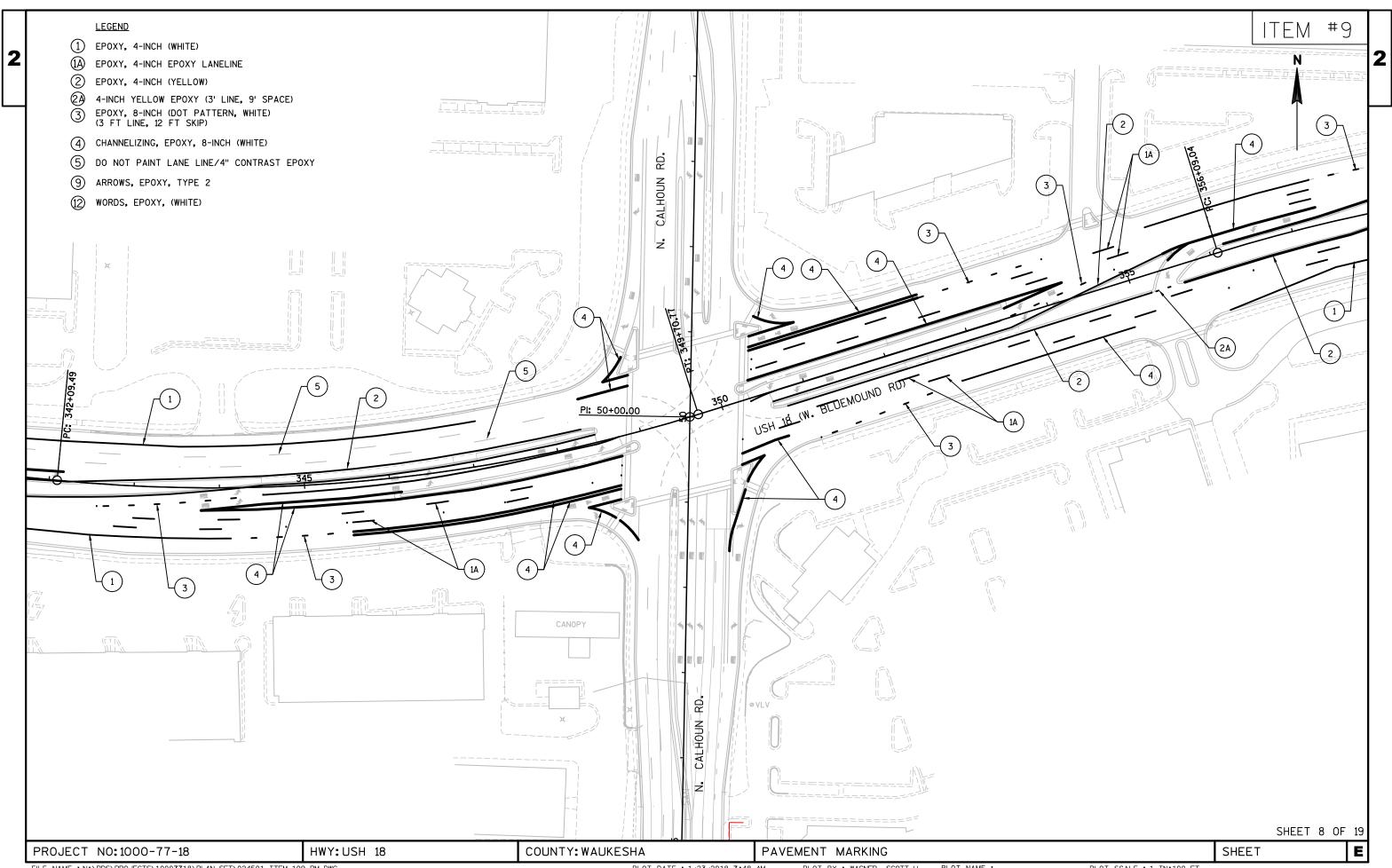


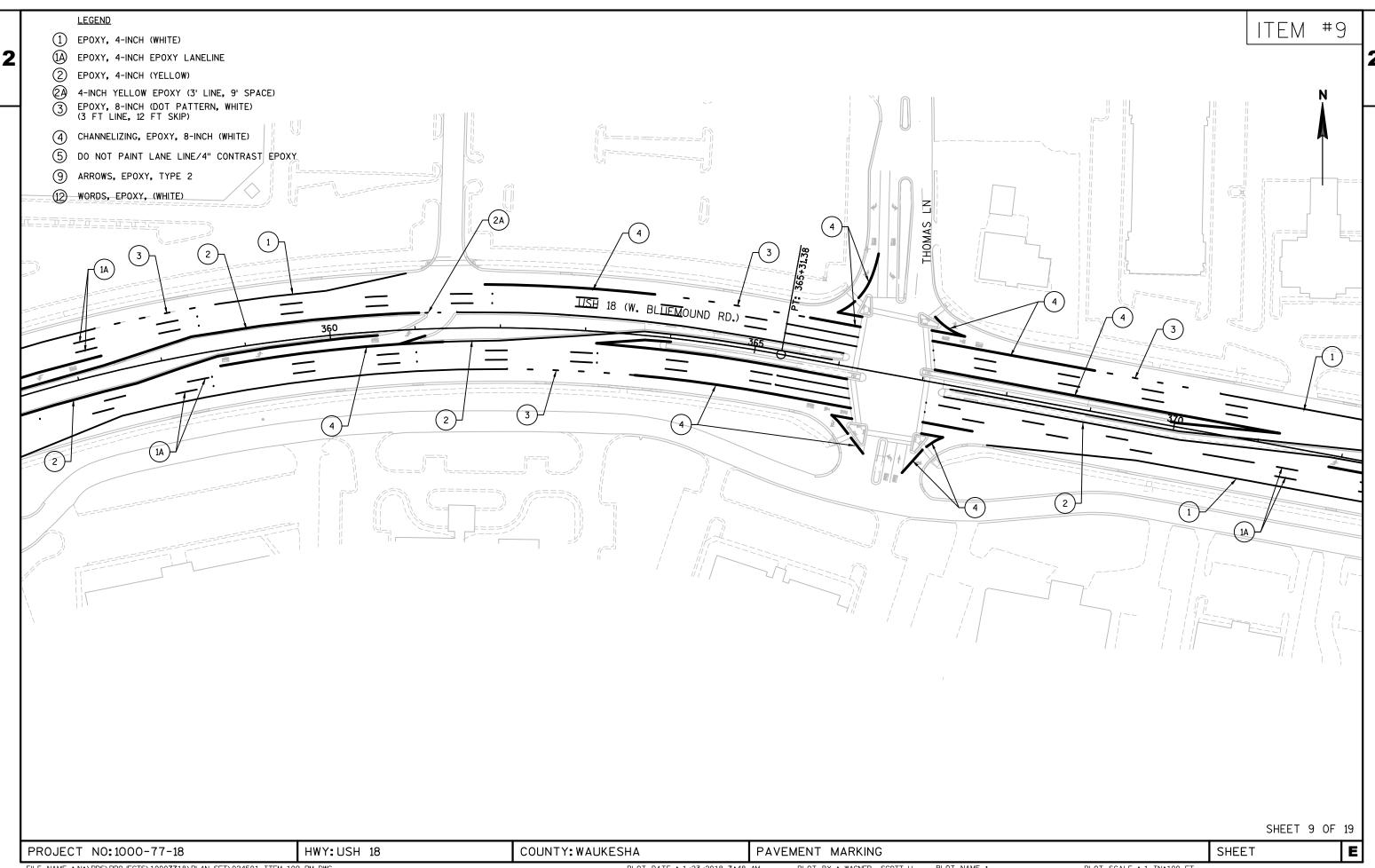


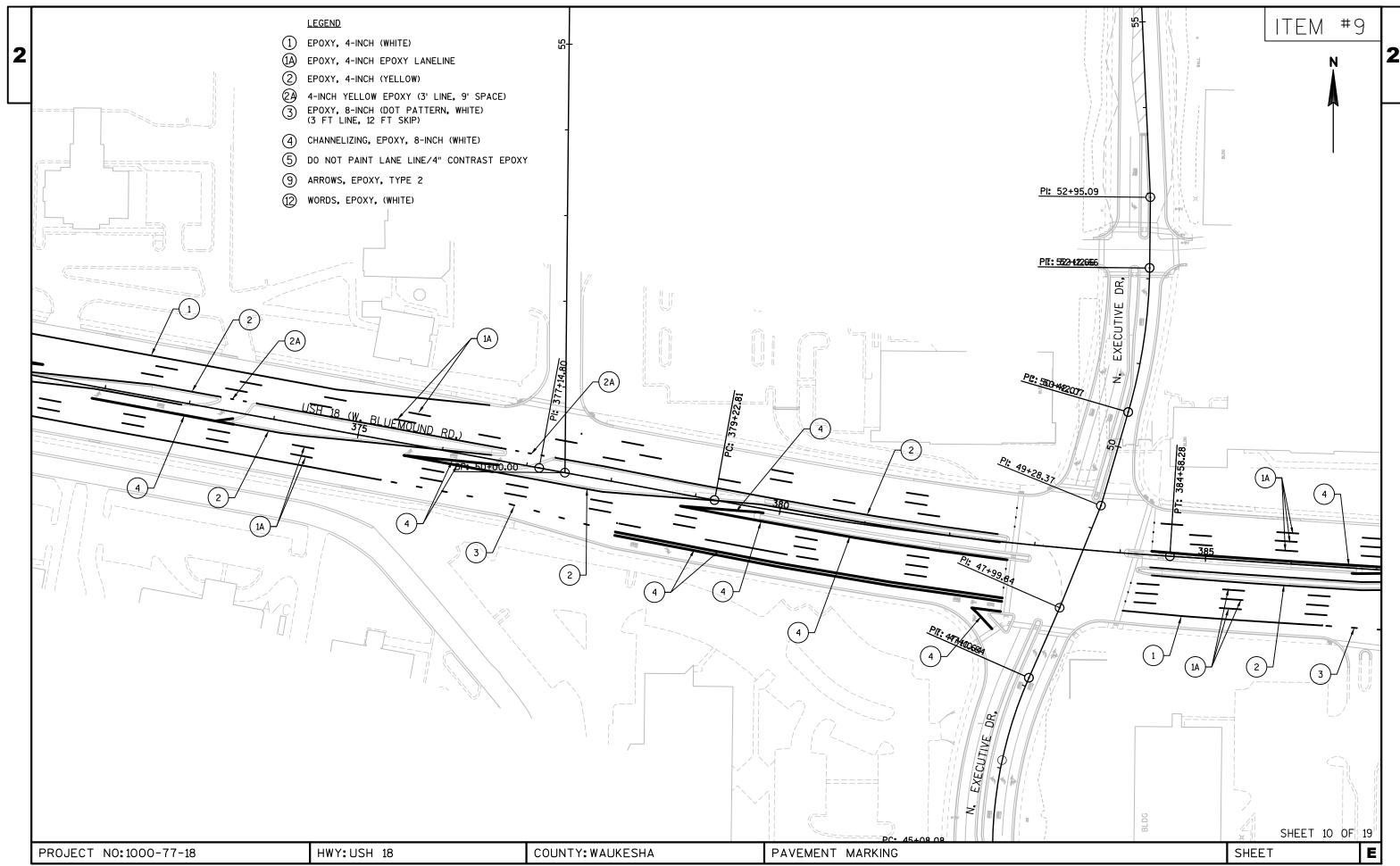


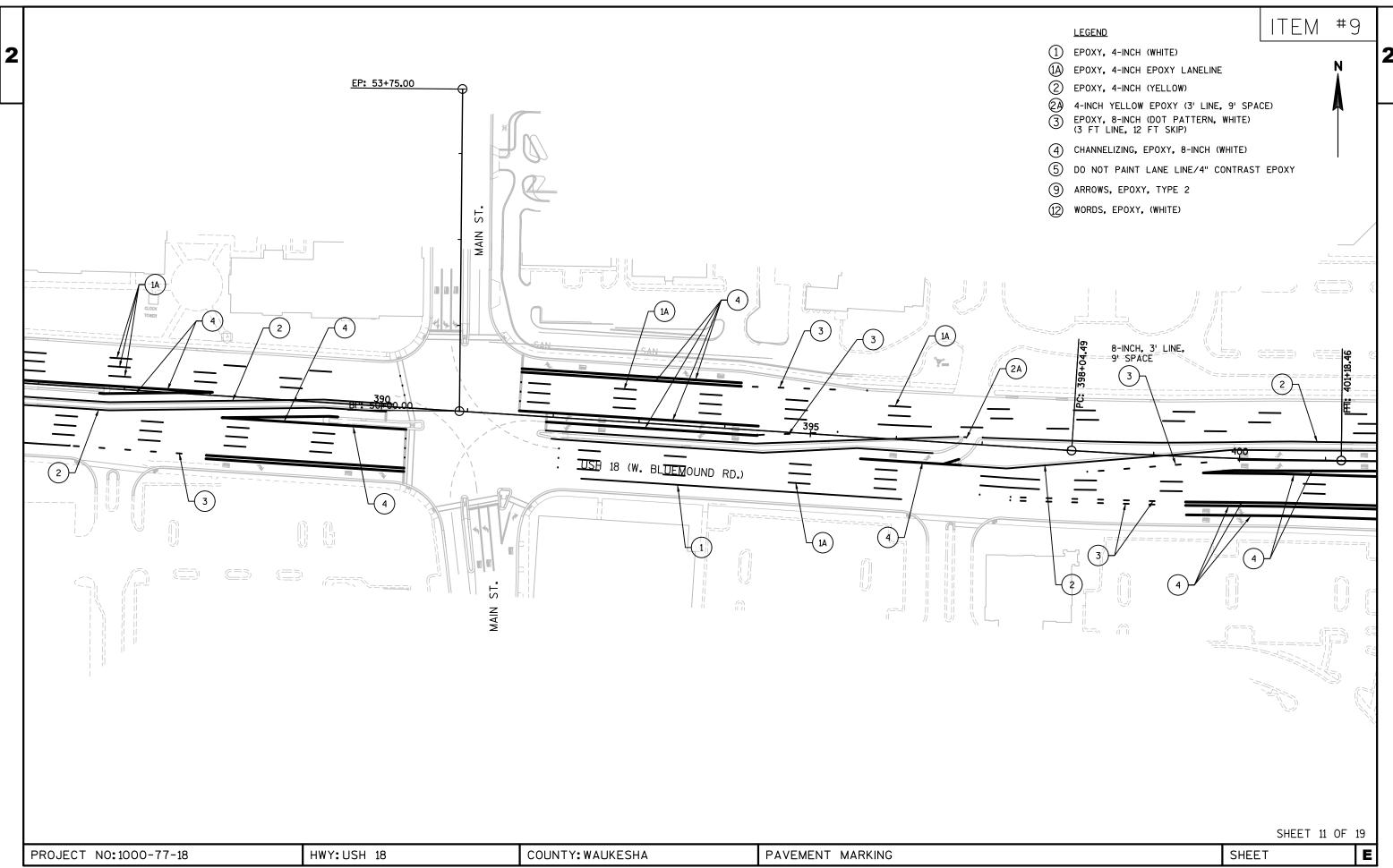


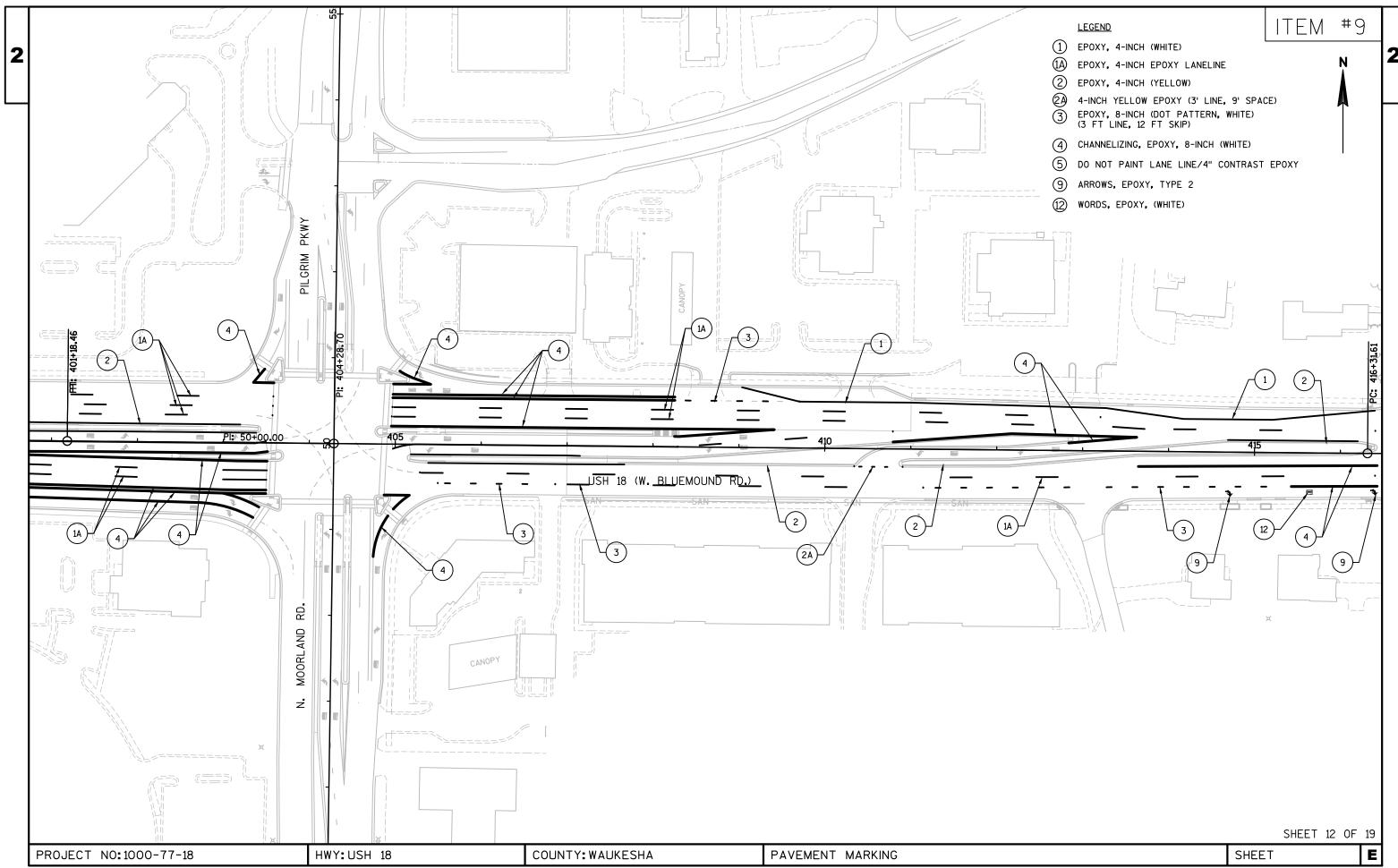


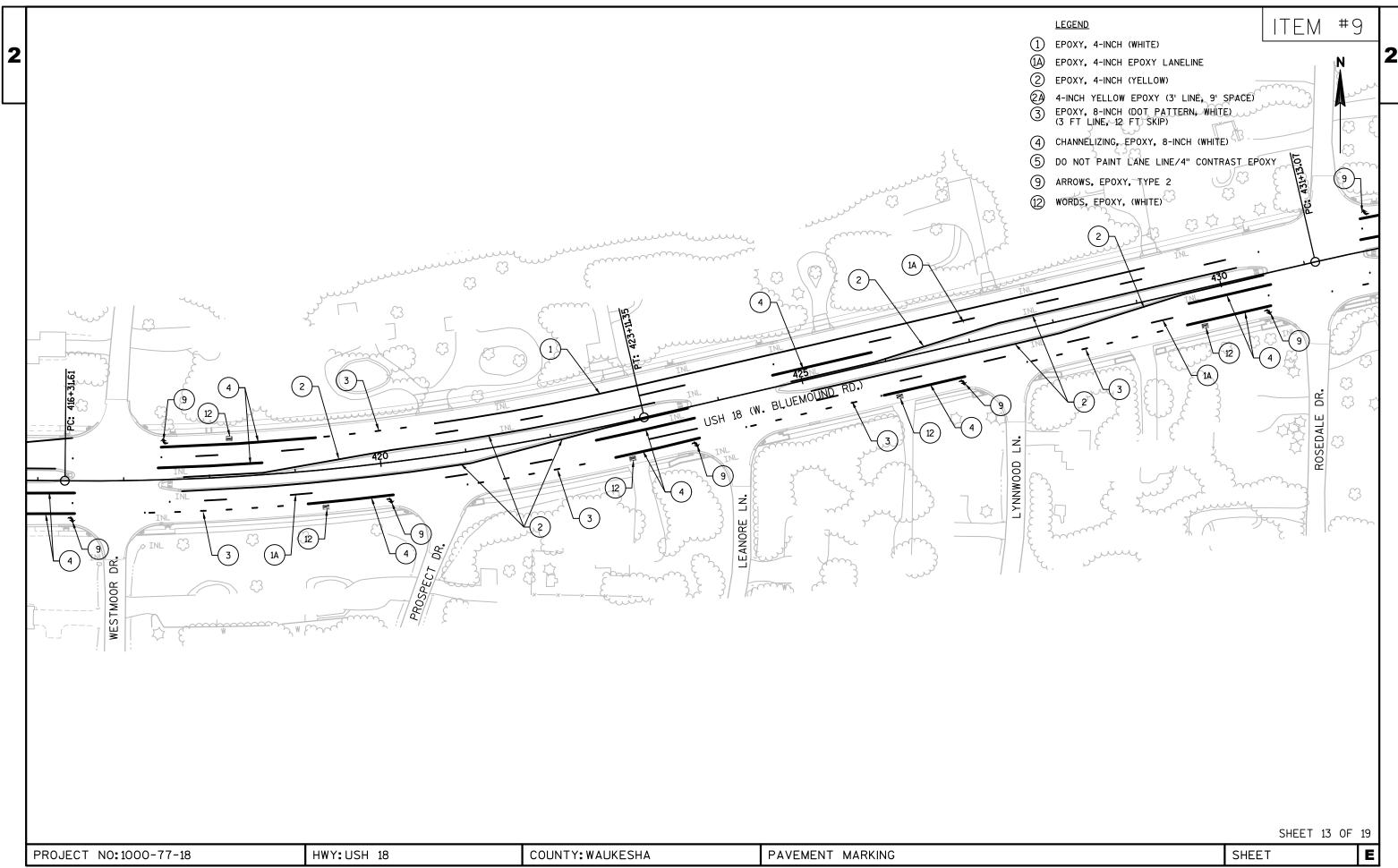


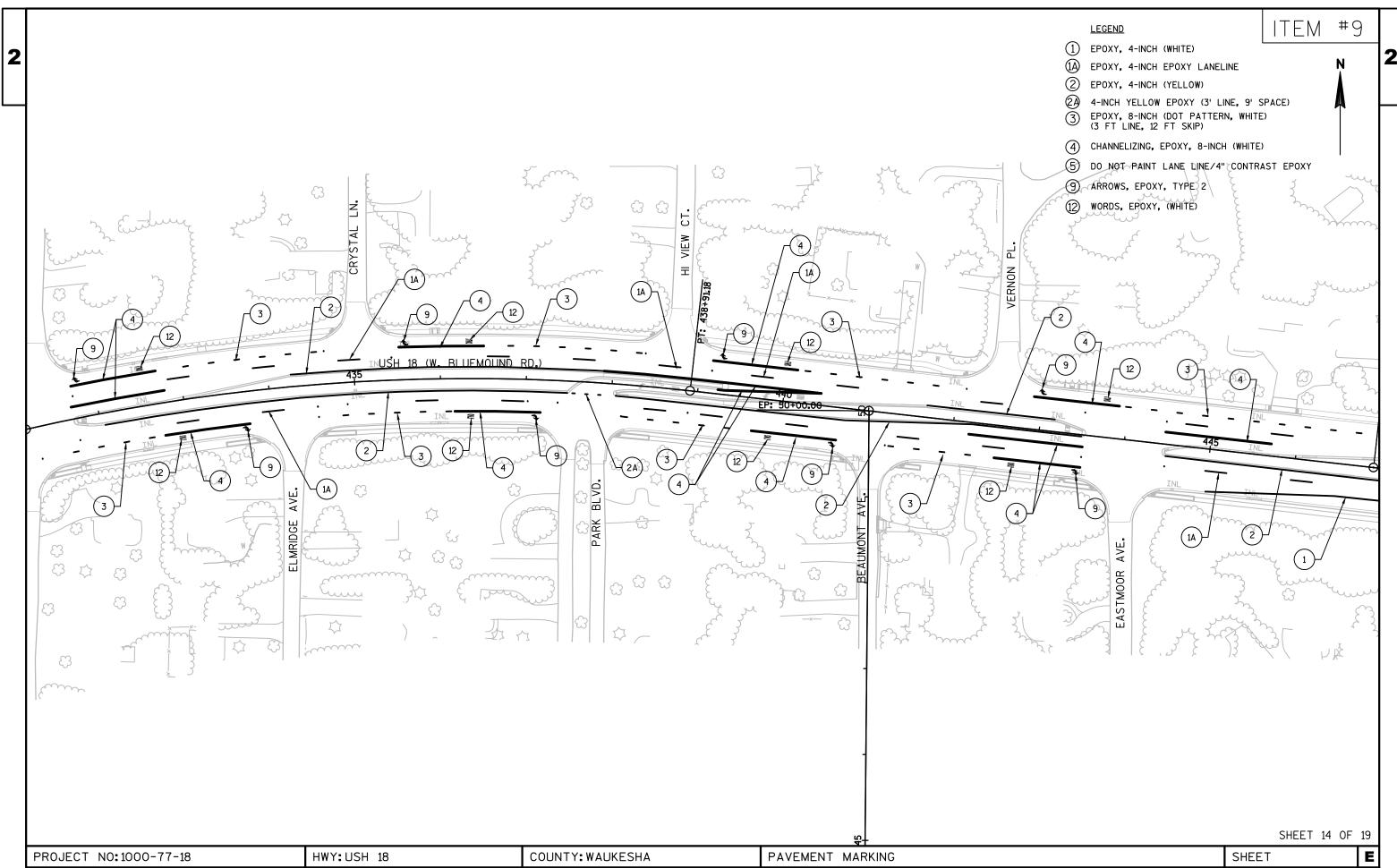


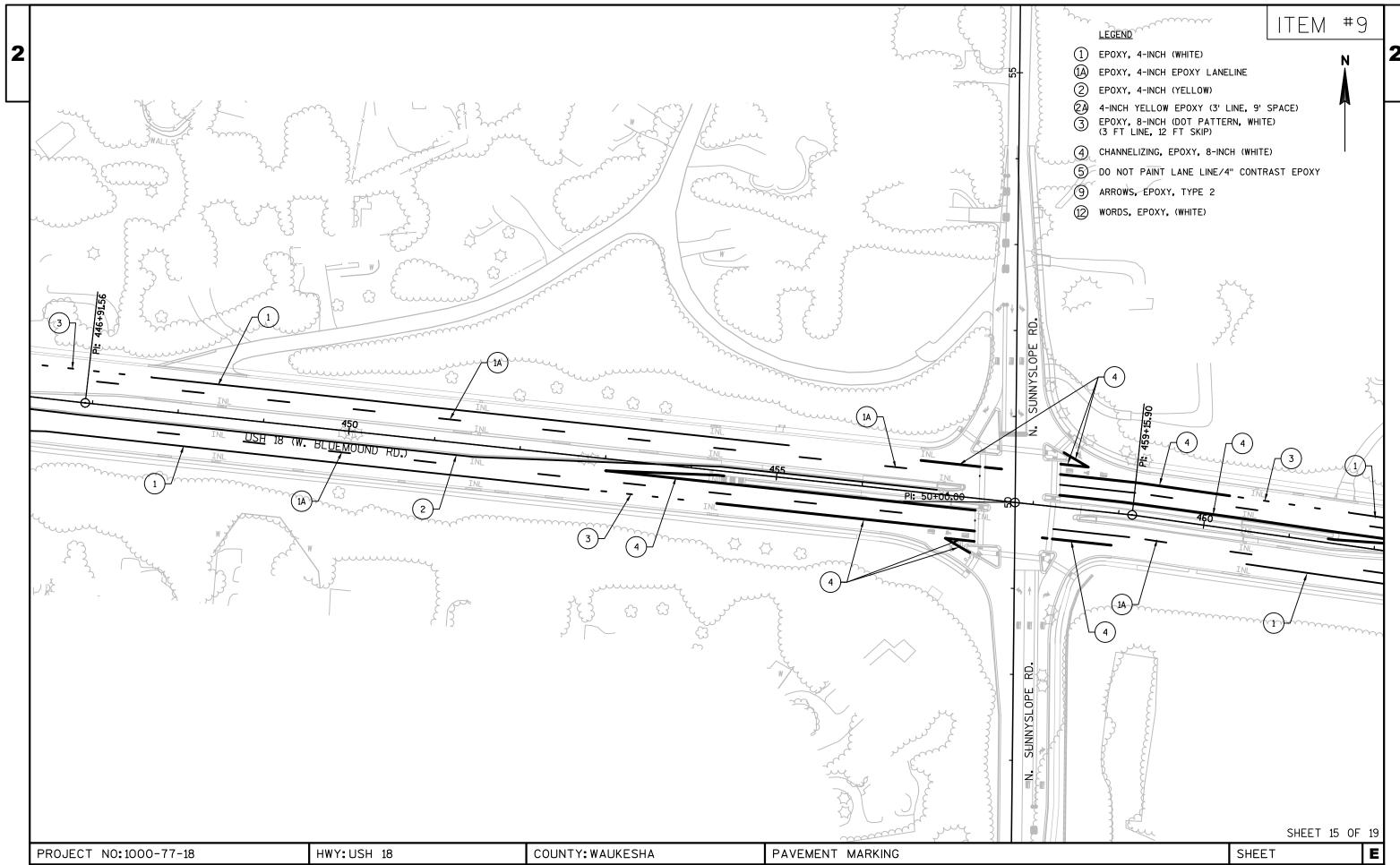


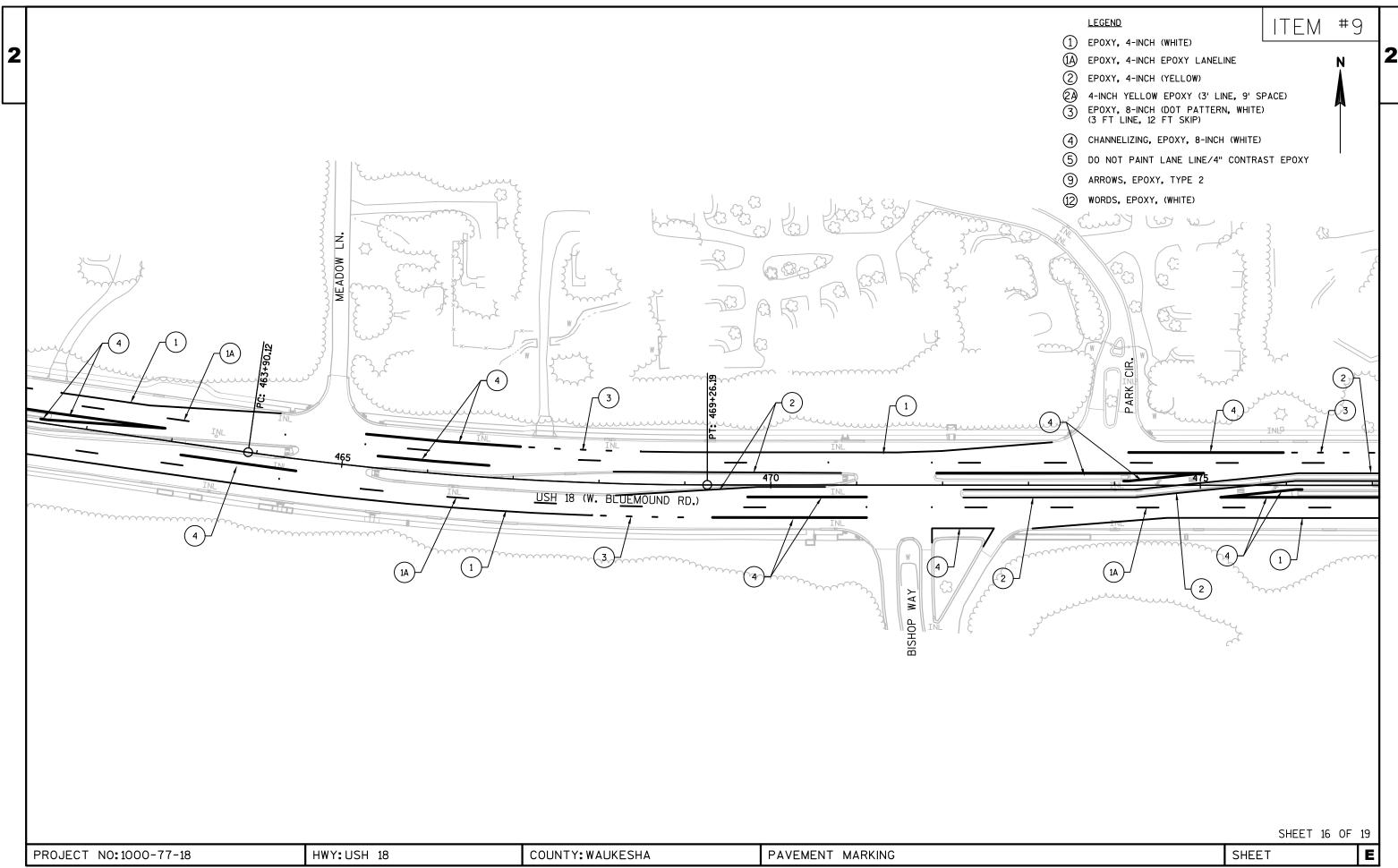


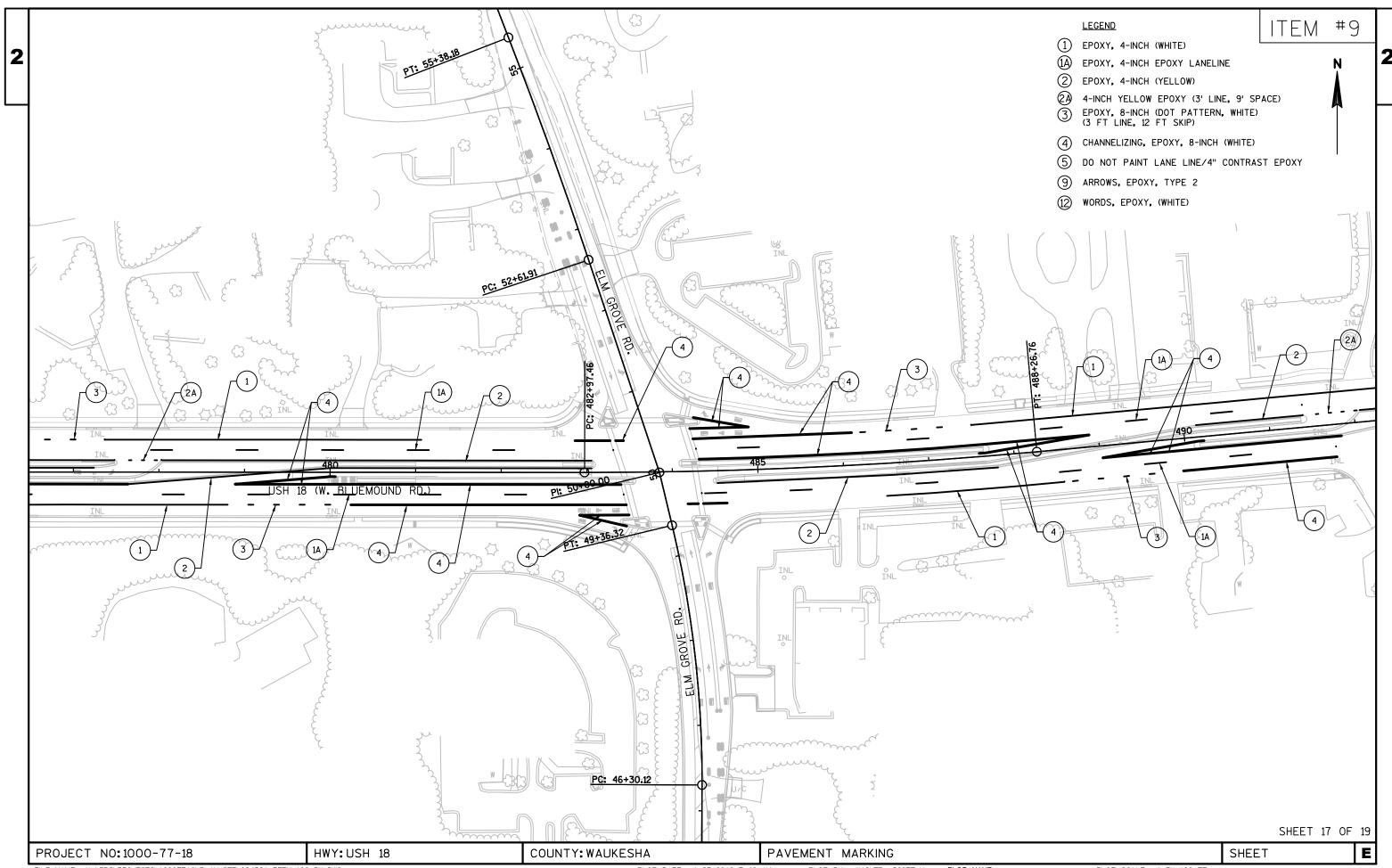


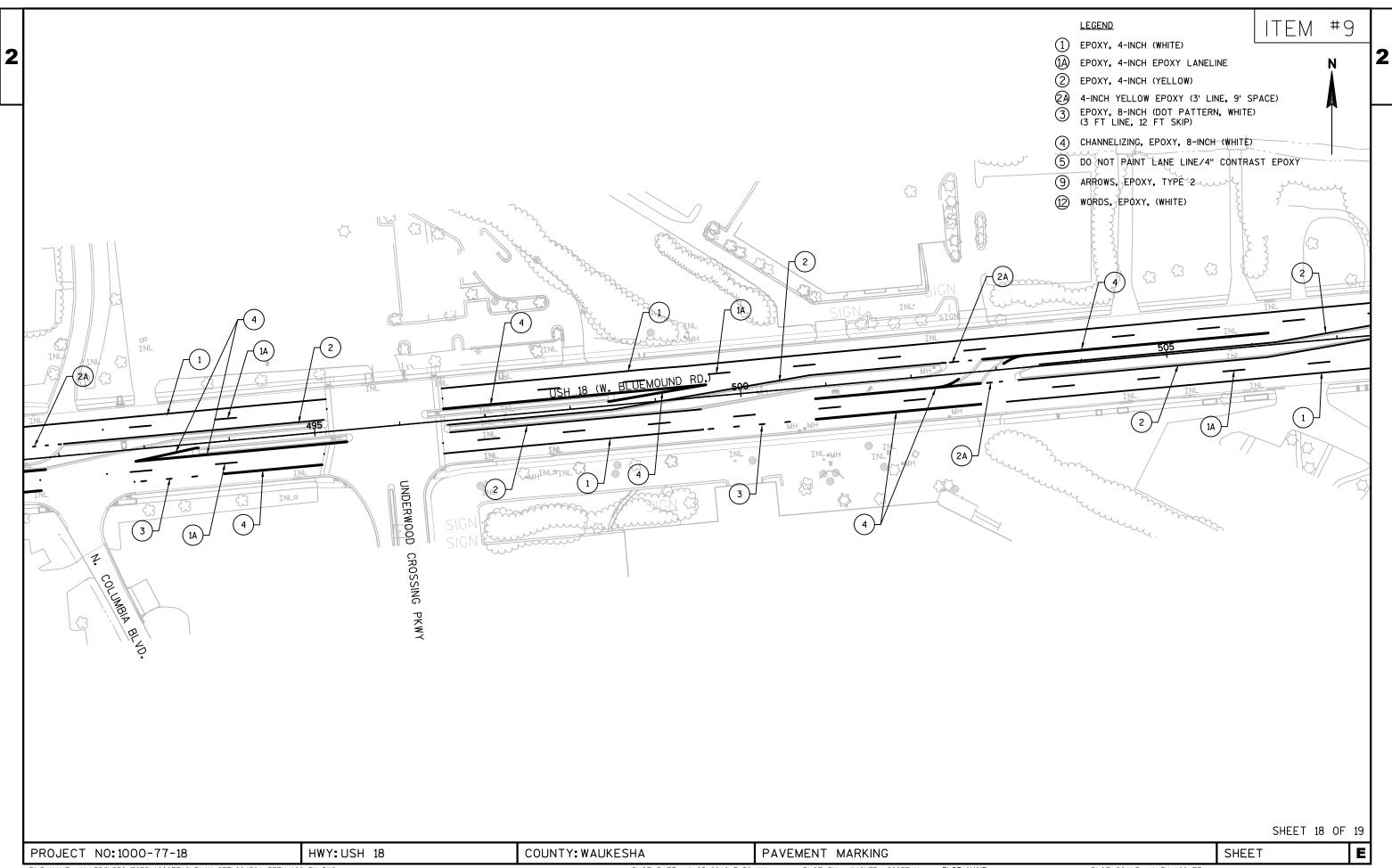


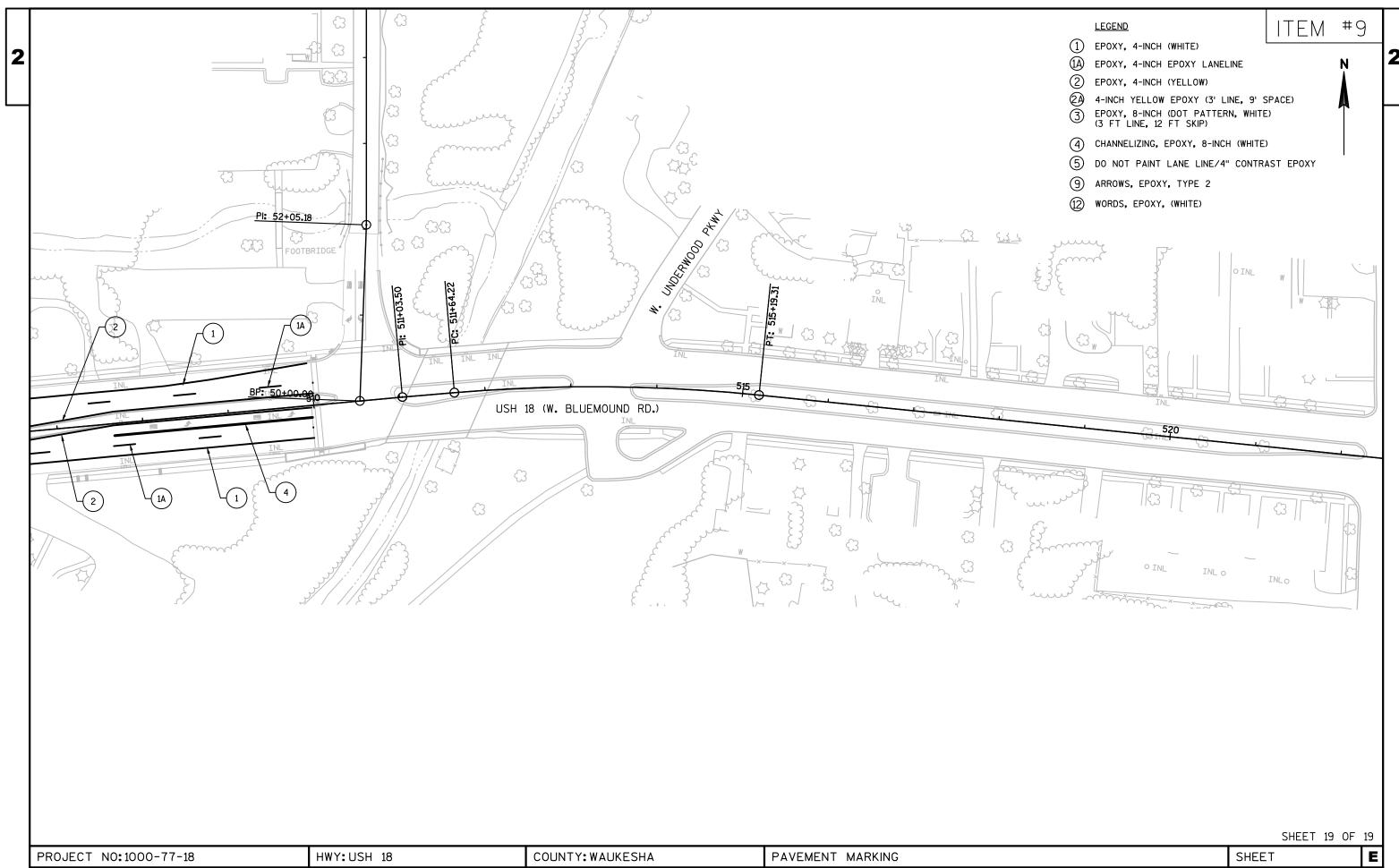


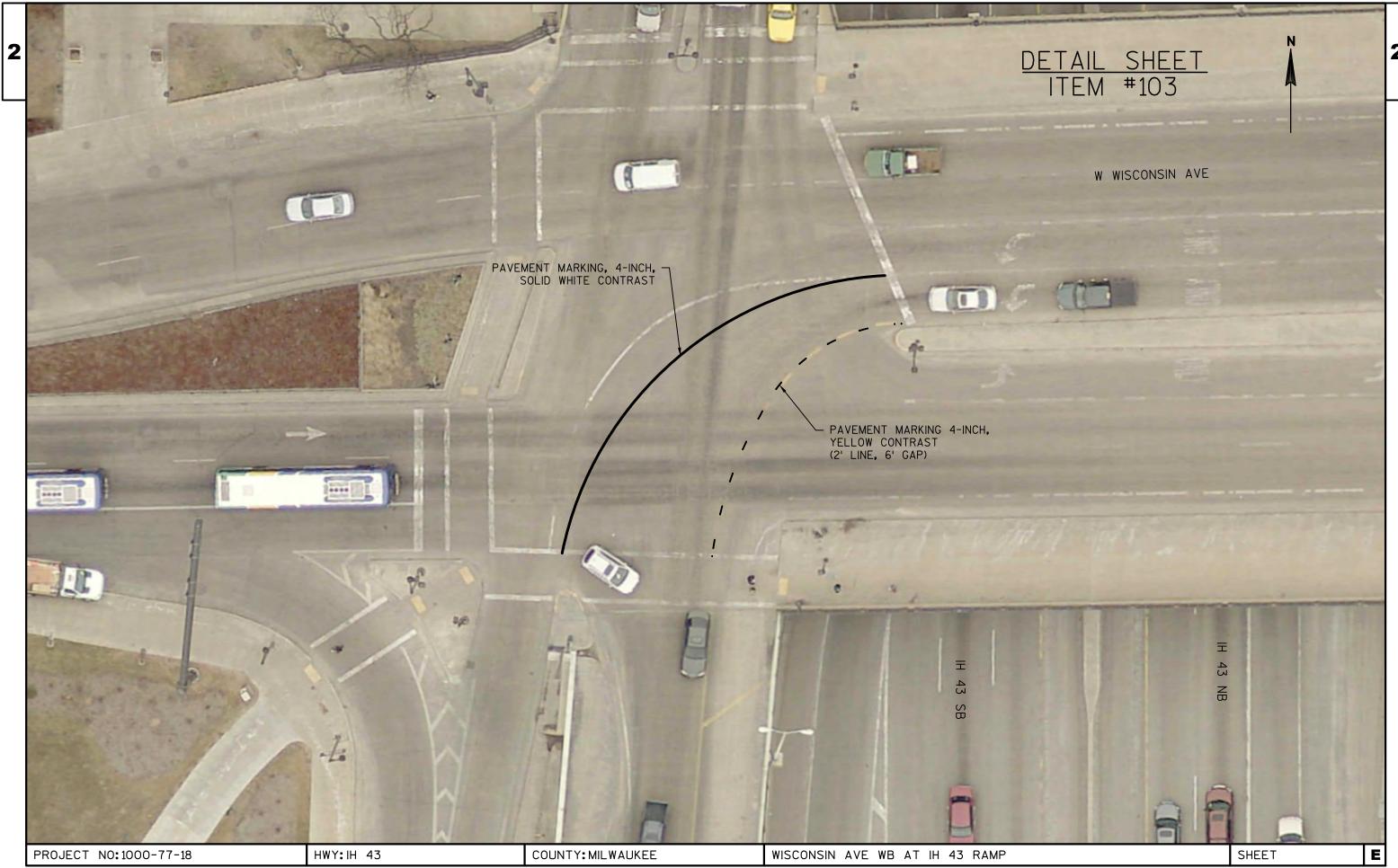












Page 1

1000-77-18

Estimate Of Quantities

					1000-77-10
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	2,287,517.000	2,287,517.000
0006	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	250.000	250.000
8000	646.1545	Marking Line Grooved Wet Ref Contrast Epoxy 4-Inch	LF	250.000	250.000
0010	646.3020	Marking Line Epoxy 8-Inch	LF	243,752.000	243,752.000
0012	646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF	250.000	250.000
0014	646.3545	Marking Line Grooved Wet Ref Contrast Epoxy 8-Inch	LF	250.000	250.000
0016	646.5020	Marking Arrow Epoxy	EACH	1,281.000	1,281.000
0018	646.5120	Marking Word Epoxy	EACH	721.000	721.000
0020	646.5220	Marking Symbol Epoxy	EACH	43.000	43.000
0022	646.5320	Marking Railroad Crossings Epoxy	EACH	5.000	5.000
0024	646.5420	Marking Aerial Enforcement Bar Epoxy	EACH	540.000	540.000
0026	646.6120	Marking Stop Line Epoxy 18-Inch	LF	14,914.000	14,914.000
0028	646.6220	Marking Yield Line Epoxy 18-Inch	EACH	32.000	32.000
0030	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	5.000	5.000
0032	646.7120	Marking Diagonal Epoxy 12-Inch	LF	500.000	500.000
0034	646.7220	Marking Chevron Epoxy 24-Inch	LF	750.000	750.000
0036	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	25,165.000	25,165.000
0038	646.7520	Marking Crosswalk Epoxy Ladder Pattern 24-Inch	LF	200.000	200.000
0040	646.8120	Marking Curb Epoxy	LF	10.000	10.000
0042	646.8220	Marking Island Nose Epoxy	EACH	5.000	5.000
0044	646.9000	Marking Removal Line 4-Inch	LF	400.000	400.000
0046	646.9100	Marking Removal Line 8-Inch	LF	500.000	500.000
0048	646.9200	Marking Removal Line Wide	LF	1,500.000	1,500.000
0050	646.9300	Marking Removal Special Marking	EACH	31.000	31.000
0052	SPV.0090	Special 01. Pav.Mrk Contrast Epoxy 4-in	LF	26,601.000	26,601.000
0054	SPV.0090	Special 02. Pav.Mrk Contrast Epoxy 8-in	LF	5,934.000	5,934.000
0056	SPV.0105	Special 01. Traffic Control Project 1000-77-18	LS	1.000	1.000

~2	
-7	

							Epoxy Paver	ement Marking - 2018	646	16.1020	SPV.0090.01	646.1040	646.1545	646.9000	646.7420	646.3020	SPV.0090.02	646.3040	646.3545	646.9100	0 646.7120	646.9200	646.7220	646.6220	0 646.6120	646.6320	646.5420	646.7520	646.5020	0 646.5220	646.5120	646.9300 6	646.8120 64	646.8220
							Var. Hwy	wy (1000-77-18)	MARKING LI	G LINE EPOXY	Pav. Mrkng	Marking Line	Marking Line	Marking	Marking	MARKING LINE	Pav. Mrkng	Marking Line	e Marking Line	Marking	g Marking	Marking	Marking	Marking	g Marking	Marking	Marking	Mrkng Crosswalk	alk Marking	g Marking	Marking	Marking N	Marking N	Marking
							SE Re ^r	Region Wide		AIN LINE					1 ' '	·	Epoxy	Grooved Wet			-				e Stop Line C	1		Epoxy Ladder		1 '				Island No:
			CLIP AV VV D.	n.				,	_	ge line, Mini Skips C		1 1				Gore, Channelizing	- 1				Epoxy	line Wide					Enforcement		Ероху	Ероху			Ероху	Ероху
T _{tr}	em#	County	SUMMARY v	HWY	Mile	راور		LOCATION		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.	8- IN L.F.	8-IN L.F.	8- IN L.F.	8-IN L.F.	12-IN L.F.	LF.	24-IN L.F.	18-IN L.F.	18-IN I.F.	18-IN EA.	Bar Epoxy L.F.	24-IN L.F.	EA.	EA.	EA.	Marking EA.	I.F.	EA.
Tic.	JIII	County			ITING	,,		Allon		·	EII.	Li.	Lit i	Lat .	Li.	Li.	Lii.	Lat.	Li.	Lat a	Lat .	Let .	Lii .	Liti	1 61.	Ln.	Lil.	Lit i		I LA.	Ln.			LNi
,	1	KENO.		STH 50	18.2	.2	W. FRONTAGE RD near I ^c	r 194 to Walw./Keno. Co.Line	384′	84384	0	0	0	0	3850	28220	0	0	0	0	0	0	0	0	1832	0	0	0	118	0	95	0	0	0
<u> </u>	2	KENO.		STH 31	7.2	_	CTH KR (KENO. / RAC. C	CO. LINE) TO STH 50 (75TH ST)		61568	0	0	0	0	3400	24880	360	0	0	0	0	0	0	0	1877	0	0	0	133	0	111	0	0	0
1	3 A, B 3 A	A RAC.		STH 20	4.54	.34	700' West of Ives Grove	es Rd to W Frontage Rd near I 94	290/	29044	U	U	U	U	1325	8100	240	U	U	U	U	U	U	U	1495	U	U	U	98	U	83	0	0	U
		B RAC.		STH 20				H to STH 31 (green Bay Rd)																										
1	4	0Z.		STH 57	10.7	2		/ SHEBOYGAN CO. LINE	242′	142352	0	0	0	0	0	15200	0	0	0	0	0	0	0	0	487	0	0	0	42	0	42	0	0	0
+	5	Milw.	STH 10	00 (108th St) /	US 45 6.f	.6	IH 94 to CTH	H ZZ (W College Ave)	18°	18160	0	0	0	0	9580	21845	0	0	0	0	0	0	0	0	3016	0	0	0	136	0	108	0	0	0
	6	RAC.		STH 38	2.1	1	CTH K	K to CTH MM	40	49896	0	0	0	0	0	7370	120	0	0	0	0	0	0	0	804	0	0	0	42	0	31	0	0	0
+	7	RAC.		STH 32	2.1	.13	25th st. to CTH K	KR (RAC./KENO. CO.LINE)	55	50608	0	0	0	0	575	6225	120	0		0	0	0		0	417	0	0	0	32	0	29	0	0	0
	8	WASH.		Sth 60				JS HWY 45) TO HIGH RD		.77896	ń	n	n	n	980	10125	n	n	۸	Λ	n	n	n	n	11/10	Λ	n	n	177	n	76	٥	n	0
					8.3		(Skip betv	petween Ramps)			·	- -		<u> </u>					. ·	· ·	· ·				1140	· ·		· ·	<u></u>		/0	U	U	
à	9	Wauk		USH 18	5.13	.3	CTH Y (BARKER RD) TO 17	D 124 ST (WAUK/MILW CO.LINE)	701	7014	21331	0	0	0	0	27086	0	0	0	0	0	0	0	0	0	0	0	0	15	0	14	0	0	0
1	10	KENO.		STH 158	3.5	5 E. FR	JNTAGE RD (Intersection) ne	near 194 TO W OF STH 31 (GREENBAY RD)	581	58180	0	0	0	0	0	1100	0	0	0	0	0	0	0	0	84	0	0	0	8	0	6	0	0	0
1	11	WAUK		STH 83	5.15	15	300' SO. OF CTH NN T/	I TO .15 MI. N OF HOLIDAY RD	101	.01476	0	0	0	0	840	2187	40	0	0	0	0	0	0	0	176	0	0	0	10	0	8	0	0	0
								,																										_
	—	—	—		72.8	35		TOTALS	<u>1280</u>	280578	21331	0	0	0	20550	152338	880	0	0	0	0	0	0	0	11328	0		0	761	0	603	0	0	0
	F	Epoxy Pa	avement	t Marking - 20	.018		Ţ	646.1020	SPV.0090.01	646.1040	646.1545	45 646.9000	00 646.7420	64	46.3020 SP	PV.0090.02 64	546.3040	646.3545	646.9100 646	646.7120 64	646.9200	646.7220	646.6220	646.6120	646.6320	646.5420	0 646.752	7520 646.502	J20 646.5°	5220 646.512	120 646.°	5.9300 646.81	120 646.۶	,.8220
				000-77-18)			J			ŭ	-	_		l l		-	-	Marking Line	1 1	•	•	•			Marking	_			7	king Markin	•	-	king Marki	-
		Ş	SE Region	n Wide			1	MAIN LINE										ooved Wet Ref		-					Dotted Extnsn								ırb İsland N	
							J	Lane line, Edge line, Mini Skips Co	1						-	ntrast (white) Contra		ontrast Epoxy			line Wide	Epoxy		Epoxy 19 IN	Epoxy 19. IN	Enforcement			рху Ероху	оху Ероху			оху Ерох	JXV
			FINAL SUI	IMARY:			J	4-IN L.F.	4- IN I.F.	4-IN L.F.	4- IN 1.F.	4 - IN L.F.	6-IN 1.F.		8-IN L.F.		8-IN L.F.	8- IN 1.F.		12-IN L.F.	L.F.	24-IN I.F.	18-IN L.F.	18-IN L.F.	18-IN Ea.	Bar Epoxy L.F.	ky 24-IN L.F.		A. EA.	A. EA.	Marki A. EA.	•	.F. EA.	FΔ
	_		I IIII ILUG.	Wirth			MILE (S)	Litt	Lii .	E.I.	<u> </u>	<u> </u>	Lit i		<u></u>	Lii.	Lil.	Lil i	Lii i	Lii i	Lit	L.I .	L	LI.	Liti	Lit	<u> </u>	<u> </u>	<u> </u>					
- LANE	:				(Iten	ems 1 - 10)		1360578	21331	0	0	0	20550	1'	152338	880	0	0	0	0	0	0	0	11328	0	0	0	0 761	. 0	0 603	, 0	, 0	0	J
TITIES	ı						0.74																											
		DISTRIBU	3UTED		ITEMS	IS 100 -106	ј б		200	0	0	0	792		1100	300	0	0	0	0	0	0	0	444	0	0	0	J 7	Ç	4 ز	, ·	6 r	j r	0
	,	UNDISTRIE	IBUTED			IS 107 - 114		0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	480	0	J 0	0	, 0	, r	J O) (0
	ı	UNDISTRIE	IBUTED		ITEMS	IS 115 - 129]	308138	3500	250	250	250	500	5	53053	2460	250	250	500	500	1500	750	20	353	5	60	200	00 244	25	5 68	8 25	25 10	5	j
IWAYS (In	Inters	states)			(ITEM!	/IS 300 -308	08) 41.55	618801	1570	0	0	150	3323	;	37261	2294	0	0	0	0	0	0	12	2789	0	0	0	0 269	J 18	s 46	ا ز	o 0	, (0
						Totals	115.1	2287517	26601	250	250	400	25165	$\overline{}$	243752	5934	250	250	500	500	1500	750	32	14914		540	200	00 1281	81 43	3 721	21 31	31 10	.0 5	<u>-</u>
						Utais	113,1	2201311	20001	230	ZJU	400	73103		:3/34	JJJ 4	230	230	JUU	300	1300	130	JŁ	14314		JHU	200	1101	TJ	141	J.	10		_

SHEET:

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HWY:VARIOUS COUNTY: VARIOUS

MISCELLANEOUS QUANTITIES PLOT NAME: 030501_mq.pdf

PLOT BY :DONALD STEEL

PLOT SCALE: 1:1

PROJECT NO:1000-77-18

				y Pavement N Var. Hwy (10) SE Region		INFORMATION ONLY	646.1020 Marking Line Epoxy Main Line	SPV.0090.01 Pav. Mrkng Epoxy			Marking	646.7420 Marking ss Walk Epoxy	646.3020 Marking Line EPOXY		646.3040 Marking Line Grooved Wet	646.3545 Marking Line Grooved Wet Ref	646.9100 Marking Removal	Marking	Marking N	Marking N	Narking Mar	6.6120 646.6 rking Mark p Line Dotted	ing Mar	rking Mrkng	6.7520 Crosswalk xy Ladder		646.5020 Marking Arrow		Ma	6.5220 646.51 arking Marki mbols Word	ing Marking	Marking N	646.8220 646.53 Marking Marki land Nose Railro
	SUI Item# Ci	MMARY	LINA	A.E.l.o.	LOCATION	REMARKS / COMMENTS	Lane line, Edge line, Mini Skip 4-IN I.F.	Contrast (white	c) Contrast (white 4-IN L.F.	Contrast Epoxy 4- IN	line Tra	ansverse Line (Gore, Channelizing 8-IN		Contrast (white) 8-IN	Contrast Epoxy 8- IN	line 8-IN			Ероху	Epoxy Ep 18-IN 18	ооху Еро	xy Enforc	Ероху	attern 24-IN TYI L.F. E.	PE 1 TYPE 2 TYPE	Epoxy 3 Type 4 Type 5 EA. EA.	TYPE 2R TYPE 3	Eç	poxy Epox	Special Marking	Ероху	Epoxy Crossin Epox FA. F.A.
	item# C				LOCATION THOUGHOUT THE SE REGION)	KENMAKAS / CUMINIEN IS	Lf.	Lr.	L.f.	L.F.	L.f.	L.F.	L.F.	Lr.	L.r.	Lr.	Lr.	Lr.	Lr.	L.r.	L.r. L	r. EA	. L	.r.	L.r. D	A. CA. CA.	ta. ta.	ta. ta.	tA.	ta. ta.	. ta.	L.f.	ta. t.a.
	100				DURAND AVE) & Ohio st		100						600	150							2	240				7				4			
	101	OZ	STH 167	0.1 STH 167	(MEQUON RD) & CTH W							792		120)	204											
3			71ST		/ OFF RAMPS AT 715T STR INTERSECTION	REPAIR DEFECTIVE DOT PATTERNS						7,72		30							-												
	103 W	/ALW.	STH 20	0.1 STH 20 8	CTHES	CONTRAST 8" MARKINGS (2' LINE) 12 INCH DIAGONALS	1000	v					500																				
	104 N	MLW. \	WISC AVE	0.1 WISC. A	VE & IH 43 (ON RAMP TO IH 43 SB)	SEE DETAIL SHEET FOR THIS ITEM#103		200																									
	105				# NOT BEING USED																												
	106 W	VASH.	STH 175	0.01 STH 175	& PLEASANT HILL RD	REMOVING 2 SET OF (ARROW, ONLY, ARROW) APPROACHING PLEASANT HILL RD INTERSECTION.																									6		
	107 THRU 114 VAR. *		VAR. HWY	0.08	THOUGHOUT SE-REGION (STATE WIDE)	AERIAL ENFORCEMENT BARS (ONLY) TO BE DETERMINED BY OR BEFORE SEPT 30TH, 2018																	4	180									
	115 THRU 129 VAR. *		VAR. HWY	0.15	THOUGHOUT SE-REGION (STATE WIDE)	TO BE DETERMINED BY OR BEFORE SEPT 30TH, 2018	307038	3500	250	250	250	500	53053	2460	250	250	500	500	1500	750	20 3	353 5	6	60	200 2	9 65 50	20 20	20 20	20	25 68	25	10	5 5
				+																					2	9 72 50	20 20	20 20	20				
	STATE WIDE (OPEN			0.74	OF MOBILIZATION AND TRAFFIC CONTROL.	Totals	308138	3700	250	250	250	1292	54153	2760	250	250	500	500	1500	750	20 7	797 5	54	540	200		251			25 72	31	10	5 5
		IEINI\$ TO\ IHK	IU 129 AKE IN	LUDED AS PAKT	OF MODILIZATION AND TRAFFIC CONTROL																												
				Var.	vement Marking - 2018 Hwy (1000-77-18) E Region Wide	INFORMATION ONLY	MARKING I MAIN	1020 LINE EPOXY V LINE	SPV.0090.01 Pav. Mrkng Epoxy Contrast (white	646.1040 Marking Line Grooved Wet		e Marking Ref Removal	Marking Cross Walk Epon	MARKING L xy EPOXY e Gore, Channe	INE Pav. Mi	rkng Marking y Grooved	g Line M d Wet Groo	646.3545 arking Line oved Wet Ref	Marking	646.7120 Marking Diagonal Epoxy	646.9200 Marking Removal line Wide	646.7220 Marking CHEVRONS Epoxy	Marking	646.6120 Marking Stop Line Epoxy	646.6320 Marking Dotted Extns Epoxy	Marking	646.7520 Mrkng Crosswa Epoxy Ladder Pattern	alk Marking	Symbols	Marking N Word R	Marking Mar demoval Cu	.8120 646.822 rking Marking urb Island No poxy Epoxy	ng Marking Nose Railroad
		SUMMARI		V ARIL	LOCATION	DEMANDIC / COMMENTS	4-	-IN	4- IN	4-IN	4- IN	4 - IN	6-IN	8-IN	8-11	1 '		8- IN	8-IN	12-IN		24-IN	18-IN	18-IN	18-IN	Bar Epoxy	24-IN			N	Marking		Ероху
	Item#	County	HV	Y Miles		REMARKS / COMMENTS	L.		Lt.	L.F.	L.F.	L.F.	Lt.	L.F.	L.F.	LF		L.F.	L.F.	Lh.	L.t.	Lt.	ŁA.	L.t.	ŁA.	L.F.	L.F.	ŁA.	EA.	ŁA.	EA. L	F. EA.	E.A.
	300	Milwauke			W CO. LINE RD (OZAUK./ MILW. CO. LINE) TO W HAMP	PTON AVE		2996	0	0	0	0	240	16111	0	0		0	0	0	0	0	0	450	0	0	0	40	6	24	0	0 0	
	 	MILWAUK		3 4.5	W HAMPTON AVE TO W KILBOURN AVE			587	20	0	0	0	1575	3675	164			0	0	0	0	0	0	777	0	0	0	88	0	0	0	0 0	0
	302	MILW		0.35		_		392	1500	0	0	0	0	600	125			0	0	0	0	0	0	60	0	0	0	11	0	0	0	0 0	
	303			75 0.65	.35 Mi south of US 18 (bridge) to W. STATE ST			928	U .	Û	0	0	144	400	25			U	0	0	0	U	U	96	U	U	Ů	4	U	U	U	0 0	0
		MILW/RA			CTH BB (E. RAWSON AVE) TO STH 11 (DURAND A W BURLEIGH ST TO W GOOD HOPE RD INTER.			550 420	0	0	0	150	U 710	240	60			0	0	0	0	U	12	232	0	0	U	34	0	0		0 0	0
	305	MILW.		894 2.3				002	50	U n	U n	150	728 636	6260 8735	120 575			n	n	n	n	n	<u>12</u>	495	n	n	U n	45	12	22	0	0 0	
	306	WAUK		894 2.3 16 3.3	CTH U (S. 76TH ST.) TO .25 MI N OF STH 36 (W. LOON N LAPHAMST TO .5 MI. EAST OF CTH P (SAWYER RD-SOU		100		5U	U n	U n	U n	030	1240	100			0	v n	n	n	n	n	316	n	n	U n	29 18	0	Δ.	0	0 0	
	307	WAUK			.6 MILE W OF CTH O (S. MOORLAND RD) TO .35 MI E. OF STH	100 (108TH ST.)	101	1896	0	0	0	0	0	0	0	0		0	0	0	0	0	0	210	0	0	0	0				0 0	
						(PAINT EL. ON MAIN LINE AND RAMP	PS ONLY)																										'

E HWY:VARIOUS COUNTY: VARIOUS SHEET: PROJECT NO:1000-77-18 MISCELLANEOUS QUANTITIES (FOR INFORMATION ONLY)

41.55

Totals

618801

1570 0 0 150 3323 37261 2294 0 0 0 0 0 12 2789 0 0 0 269 18 46 0 0 0 0

SHEET: 2 OF 28

Lane line, Edge line, Mini Skips Contrast (white) Contras	Symbols Word Removal Curb Island Nose Railroad Epoxy Epoxy Special Epoxy Epoxy Crossings TYPE 3R TYPE 7R Marking Epoxy
Item# County HWY Miles LOCATION REMARKS/COMMENTS LF.	EA. EA. EA. EA. LF. EA. E.A.
1 KENO. STH 50 18.2 W. FRONTAGER D near 194 TO WALW./KENO. CO.LINE 384384 55000 15 3	5
Auailiary Lane Line & Ramps Interchanges / or Intersections;	
STH 50 (OMIT ALL MARKINGS AT INTERCHANGE)	
122 AVE	
123 RD AVE 800 650 192 12	8
125THAVE 900 420 132 4	2
128THAVE 375 24 1	1
130TH AVE	
144TH AVE 100 2000 50 4	4
156TH AVE 24 2	2
CO HWY MB 24 2	2
CTH D (184TH AVE) 36 4	4
STH 45 (200TH AVE) 2500 144 6	4
216THAVE 650 12 2	2
236TH AVE 150 225 30 3	3
242ND AVE 150 200 30	
243RD AVE 50 12	
244TH AVE 15	
246TH AVE 500 600 108 5 248TH AVE 250 244 2	3 2
250TH AVE 250 24 2 STH 83 (ANTIOCH RD) 700 500 144 4	2
256TH AVE 15	4
261 STAVE 600 24 2 265TH AVE	2
285TH AVE 2 5100 204 2 7	9
304THAVE 2 550 24 2 317THAVE 560 24 2	2
319TH AVE 24 2	2
328TH AVE 2 CO HWY W 24 2	2
GENEVA RD / STH 83 1000 60 6	6
352ND AVE 700 60 4 CTH O (368TH AVE) 400 48 2	4 2
376TH AVE 48 2	2
381 STAVE 400 12 2 384TH AVE 400 12 2	2
392ND AVE 24 4	4
CTH P (400TH AVE) 2600 144 4	4
2 113 0 0 3 0 1 KENO. STH 50 18.2 W. FRONTAGE RD near 194 TO WALW./KENO. CO.LINE Totals 384384 0 0 0 0 3850 28220 0 0 0 0 0 0 0 1832 0 0 0 0 1118	SHEET: 3 OF 28

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-18\Final Misc. Quantities

HWY:VARIOUS

PROJECT NO:1000-77-18

COUNTY: VARIOUS

(FOR INFORMATION ONLY)

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SHEET:

Epoxy Pavement Marking - 2018 Var. Hwy (1000-77-18) SE Region Wide SUMMARY	INFORM		MARKING LINE EPOXY MAIN LINE line, Edge line, Mini Skips Cor	PV.0090.01 646.1040 Pav. Mrkng Marking Line Epoxy Grooved Wet otrast (white) 4- IN 4-IN	Marking Line t Grooved Wet Ref	Marking M Removal Cross I line Trans	Marking MAF Walk Epoxy sverse Line Gore,	546.3020 SPV.005 RKING LINE Pav. M EPOXY Epox Channelizing Contrast (8-IN 8-II	kng Marking Line y Grooved Wet white) Contrast (white	Grooved Wet Ref	Removal Dia	rking Marking	CHEVRONS Yi Epoxy	arking Marking	Marking Dotted Extnsn Epoxy En	646.5420 646.752 Marking Mrkng Cros Aerial Epoxy Lac Iforcement Patteri Bar Epoxy 24-IN	swalk Ider n	646.5020 Marking Arrow Epoxy TYPE 3 TYPE 4 TYPE 5 TYPE:	Ma Syr Ep	arking Marking Mar mbols Word Rem		Marking
	LOCATION REMARKS / COMMENTS	TS	LF.	L.F. L.F.	L.F.			LF. LF.		L.F.		.F. L.F.		LF. LF.	EA.	LF. LF.	EA. EA.			EA. EA. E		EA.
	.C. CO. LINE) TO STH 50 (75TH ST)		161568					4000														\Box
Auailiary Lane Line & Ramps Interchan	ges / or Intersections;																					
CTH K	R (COUNTYLINERD)							2200						120			4			4		
,	ITH PL/CTH M							700						60			6			6		
	6TH PL							200						60								
	7TH ST							180						24								
PETR	FYING SPRINGS RD							180						15								
SON	ERS RD (12TH RD)							1100						144			4			4		
	16TH PL							200						15			1			1		
	17TH PL													12								
	18TH PL							750						144			6			5		
	22TH PL							200						15			1			1		
	31ST ST							1800 60						168			1 12	3		11		
	35TH PL							1000						54			6			6		
COUN	TY HWY S (38TH ST)							2500 180						204			19			19		
	43RD ST							200						12			1	1				
	45TH ST						600	950						156			9	4		8		
	46THST													20								
	49THST							200						20			1			1		
	50TH ST							220						30			2			2		
ST	H 158 (52ND ST)						1000	2900						144			11			8		
	53RD ST							200						18			2			2		
5	STH ST (E SIDE)							200						15			1			1		
55	TH ST (W. SIDE)							200						15			1			1		
	56TH ST													20								
	TH K (60TH ST)							3000						168			15			12		
	63RD ST							300						20			3			2		
	64THST							200						12			1			1		
	65THST							300						12			3			3		
	67THST						750	1000 120						180			15			13		
	TH 50 (75TH ST)			Г	ı	,	,	ı	ı		,					,	1 124	8 0 0 0				
2 KENO. STH 31 7.2 CTH KR (KENO. / RA	C. CO. LINE) TO STH 50 (75TH ST)	Totals	161568	0 0	0	0	3400	24880 360	0	0	0	0 0	0	0 1877	0	0 0		133		0 111 (0 <u> </u> ET: 4 OI	

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3	S Item#	UMMARY County		/ Pavement Marking - 2018 /ar. Hwy (1000-77-18) SE Region Wide	INFORMATION ONLY REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skip 4-IN L.F.	SPV.0090.01 646.1040 Pav. Mrkng Marking Line Epoxy Grooved Wet ss Contrast (white) Contrast (white 4-IN LF. LF.	646.1545 646.5 Marking Line Mark Grooved Wet Ref Contrast Epoxy lin 4-IN 4- LF. Li	king Marking oval Cross Walk Epo: ie Transverse Lini IN 6-IN	MARKING LINE	Pav. Mrkng Epoxy	Grooved Wet G		Marking Removal line	646.7120 646.9 Marking Mark Diagonal Rem Epoxy line V 12-IN - LF. L.	ing Markin oval CHEVRO Vide Epoxy 24-IN	Marking NS Yield line Epoxy	Marking Stop Line Epoxy	Marking M Dotted Extnsn A Epoxy Enfo 18-IN Ba	46.5420 646.752 Aerial Epoxy Lad orcement Patterr or Epoxy 24-IN L.F. L.F.	walk der	646.5020 Marking Arrow Epoxy TYPE 3 TYPE 4 TYPE EA. EA. EA.	1	646.5220 Marking Symbols Epoxy TYPE 7R EA. EA.	Marking Mar Word Rem	king Marking oval Curb I cial Epoxy king	Marking Marking Island Nose Epoxy Crossings Epoxy E.A.
	3 A , B	RAC	STH 20	4.34 700' W Ives Groves rd. to STH 31 (GREEN BAY RD)		25344				4500																	
	31,5	To te.	311120	Auailiary Lane Line & Ramps Interchanges / or Intersections;		23344				1000			l														
	3A	RAC.	STH 20	1.2 700' West of Ives Groves Rd to W Frontage Rd near I 94																							
				CTH C (SPRING ST)						1500								48			2				2		
				GREENMONTE DR						300								15			2				2		
				GOLF COURSE DR						300								15			2				2		
				WFRONTAGERD						1500								156			8				8		
				NEW CONST. 2018 (SKIP, BETW W. FRONTAGE RD EAST TO WEST OF STH 31 (GREEN BA	YRD)) LONG LINE MARKINGS WILL BE DONE BY NEW 2018 PROJECT (ID 4890-00-74)																						
	3B	RAC.	STH 20	3.14 1000' East of CTH H to STH 31 (green Bay Rd)	DO ONLY SPECIAL MARKINGS													144			8				8		
				96TH ST	EXCEPT FOR WILLOW RD (ON/OFF RAMPS)													40			2				2		
				92ND ST														15			2				2		
				90TH ST					350									132			14				14		
				COMMERCE DR														15									
				WILLOW RD (OFF/ON RAMP)		3700												30			2				2		
1				OAKES RD														144			7				6		
				PRAIRIE DR														30			2				2		
				WARWICK WAY														30			2				2		
				SUNNYSLOPE DR					100									120									
				MEADOW LN AVE					100									15			2				2		
				S EMMERTSEN RD					200									144			6				6		
- [PLEASANT VILLAGE RD					200									30			2				2		
				VILLAGE CENTER DR					375									132			9	5					
				STH 31 (GREEN BAYRD)							240							240			21				21		
	3 A , B	RAC.	STH 20	4.34 700' W Ives Groves rd. to STH 31 (GREEN BAY RD)	Totals	29044	0 0	0 0	1325	8100	240	0	0	0	0 0	0	0	1495	0	0 0	0 93	5 0 0			83	0	0 0
- 1				·				•	•		<u>'</u>	'	'	<u> </u>			•		•	•					•	· '	•

SHEET: 5 OF 28

Е SHEET: HWY:VARIOUS COUNTY: VARIOUS PROJECT NO:1000-77-18 MISCELLANEOUS QUANTITIES (FOR INFORMATION ONLY) PLOT BY :DONALD STEEL PLOT NAME: 030501_mq.pdf PLOT SCALE : 1:1

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			Еро	y Pavement N	larking - 2018	INFORMATION ONLY	646.1020	SPV.0090.01	646.1040	646.1545	646.9000	646.7420	646.3020	SPV.0090.02	646.3040	646.3545	646.9100	646.7120	646.9200 6	646.7220	46.6220 646.6	6120 646	6320 646.542	0 646.7520		64	46.5020		646.5220 646.	5120 646.93	0 646.8120	646.8220 646.5320
				Var. Hwy (100 SE Region	0-77-18) Mida		MARKING LINE EPOXY MAIN LINE	Pav. Mrkng		Marking Line Grooved Wet Ref		Marking	MARKING LINE EPOXY		Marking Line	Marking Line Grooved Wet Ref	Marking Removal				Marking Mark ield line Stop	~	king Marking Extnsn Aerial				farking Arrow		Marking Mar Symbols W	king Markir ord Remov		Marking Marking Island Nose Railroad
ヿ				JL NEGIUII	wide		Lane line, Edge line, Mini Skips							Epoxy Contrast (white		Contrast Epoxy	line	-			Epoxy Epo		oxy Enforcem				чном Ероху		Epoxy Ep			
		SUMMARY	T I	[4-IN	4-IN	4-IN	4- IN	4 - IN	6-IN	8-IN	8- IN	8-IN	8- IN	8-IN	12-IN		24-IN	18-IN 18-	-IN 18	-IN Bar Epox	cy 24-IN	TYPE 1 TYPE		TYPE 5 TYPE 2R			Markir		Ероху
3	Item#	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	LF.	LF.	LF.	LF.	L.F.	LF.	LF.	L.F.	L.F.	L.F.	L.F.	LF.	L.F.	L.F.	L.F. L.F	F. E	A. L.F.	LF.	EA. EA.	. EA. EA.	EA. EA.	EA. EA.	EA. E	A. EA.	L.F.	EA. E.A.
٦	4	OZ.	STH 57		IH 43 TO OZ / SHEBOYGAN CO. LINE		242352						2500																			
				Auailiary	Lane Line & Ramps Interchanges / or Intersections;																											
					STH 57 /IH 43 (ON /OFF -SPLIT RAMPS)																											
					COUNTY HWY W								400								12	2			2				:	2		
					WILLOWRD								400								15	5			2					2		
					HAWTHORNE DR								800								50	0			4					1		
					BEECHLN								400								15	5			2				;	2		
					MEADOWLARK RD								800								50	0			4				ı	1		
					СТНН								5500								13	32			6					i		
					MARTIN DR								400								2.6	4			2				,	2		
					AIRPORTRD								400								15	5			2				;	2		
					WILLOW VALLEY RD								400								24	4			2					2		
					CTH D (BELGIUM KOHLER RD)								800								36	6			4					1		
					HICKORY GROVE RD								800								36	6			4				,	1		
					JAY RD								800								30	0			4				ı	1		
					CTH K (OZ. CO. LINE)								800								48	8			4				,	1		
	4	OZ.	STH 57	10.2	IH 43 TO OZ / SHEBOYGAN CO. LINE	Totals	242352	0	0	0	0	0	15200	0	0	0	0	0	0	0	0 48	37	0 0	0	0 42		0 0	0 0	0 4	2 0	0	0 0
								·								<u></u>							·					·				

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SHEET:

Var. Hwy (1 SE Regi SUMMARY		INFORMATION ONLY	4-IN	ps Contrast (white) Contrast (white 4- IN 4-IN	Marking Line Marking Grooved Wet Ref Removal Contrast Epoxy line 4- IN 4 - IN	Marking Cross Walk Epoxy	MARKING LINE EPOXY Gore, Channelizing Co 8-IN	Pav. Mrkng Marking Line Marking Line Epoxy Grooved Wet Forontrast (white) Contrast (white) Contrast Epoxy line 8-IN 8-IN 8-IN 8-IN 8-IN	Epoxy line Wide Epoxy Epox 12-IN 24-IN 18-II	g Marking Marking Marking Mrkng Crosswalk ne Stop Line Dotted Extrisin Aerial Epoxy Ladder r Epoxy Epoxy Enforcement Pattern 18-IN 18-IN Bar Epoxy 24-IN	646.5020 Marking Arrow Epoxy TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 2R TYPE 3R TYPE 7R	646,5220 646,5120 646,9300 646,8320 646,5320 646,5320 Marking Marking Marking Marking Marking Marking Marking Marking Marking Marking Marking Marking Marking Marking
Item# County HWY Miles		REMARKS / COMMENTS	LF.	L.F. L.F.	LF. LF.	L.F.	L.F.	LF. LF. LF. LF.	LF. LF. LF. LF.	LF. EA. LF. LF.	EA. EA. EA. EA. EA. EA. EA.	EA. EA. LF. EA. E.A.
5 Milw. STH 100 (108th St) / US 45 6.6	IH94 to CTHZZ (W College Ave) Auailiary Lane Line & Ramps Interchanges / or Intersections;	LANELINE	18160				2000					
	SERVICE RD (COLDERS)									15		
	2ND SERVICE RD						100			15		
	W THEODORE TRECKER WAY					400	375			120	3 1	3
	W WALKER ST					100				20		
	W WASHINGTON ST					560	240			36	2	2
	W MADISON ST					80	100			18	1	1
	W GREENFIELD AVE					900	3500			276	16	16
	W ORCHARD ST					76	50			12		
	W LAPHAM ST					280	335			48	2	2
	W MITCHELL ST					75	150			15	1	1
	W MITCHELL ST (WESTSIDE)					75	100			15	1	
	W MANOR PARK DR					75	100			15 30	2	2
	W ROGERS ST BECHER ST					125 125	200 150			30	2	2
	W GRANT ST					125	175			30	2	2
	W LINCOLN AVE					900	1000			192	4	4
	W HAYES AVE					125	75			30		
	W ARTHUR AVE					300	600			72	2	2
	W CLEVELAND AVE					800	1200			192	4	4
	W NATIONAL AVE					1200	2500			192	12	8
	W DAKOTA ST					300	400			30	2	2
	W OKLAHOMA AVE					800	1200			216	8	8
	S WOLLMER RD					50	100			15	1	1
	W MORGAN AVE					125	225			48	3 1	3
	W PALLOTTINE DR					40	75			12		
	W BELOIT RD (OMIT MARKINGS)											
	W HOWARD AVE (OMIT MARKINGS)											
	W COLD SPRING RD					650	700			144	6 3	5
	S 110TH ST									12	2	1
Item 5 continue on Sheet 8	3 of 27											SHEET: 7 OF 28

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-18\Final Misc. Quantities

PROJECT NO:1000-77-18

COUNTY: VARIOUS

HWY:VARIOUS

	Epoxy Pavement Var. Hwy (10 SE Region SUMMARY Item# County HWY Miles	Marking - 2018 000-77-18) n Wide LOCATION	INFORMATION ONLY REMARKS/COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips 4-IN L.F.	Pav. Mrkng Epoxy	Grooved Wet 0	Marking Line Grooved Wet Ref	646.9000 646.7420 Marking Marking Removal Cross Walk Ep line Transverse Li 4 - IN 6-IN LF. LF.	MARKING LINE DXY EPOXY	Ероху	Marking Line Grooved Wet	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8-IN L.F.	Removal	Marking N Diagonal R Epoxy lin 12-IN	6.9200 646.722 arking Markin emoval CHEVRO e Wide Epoxy 24-IN LF. LF.	Marking NS Yield line Epoxy 18-IN	Marking Marking Dotte Stop Line Dotte Epoxy E 18-IN 1	5.6320 646.5420 arking Marking d Extrisn Aerial poxy Enforceme 8-IN Bar Epox EA. L.F.	Mrkng Crosswi Epoxy Ladde ent Pattern	olk Type 1 Type 2	646.5020 Marking Arrow Epoxy Type 3 Type 4 Type 5 Ty		646.5220 646.51 Marking Markin Symbols Wor Epoxy Epox R EA. EA.	ing Marking rd Removal ky Special Marking	Marking Mar Curb Island Epoxy Epo	6.8220 646.5320 arking Marking nd Nose Railroad poxy Crossings Epoxy EA. E.A.
	Item# County HWY Miles	LUCATION	KEINIAKKS / COININIEN IS	L.r.	Lr.	L.r.	Lr.	Lr. Lr.	L.F.	Lr.	Lr.	L.r.	L.r.	Lr.	Lr. Lr.	Lr.	L.r.	EA. L.T.	Lr.	EA. EA.	CA. CA. CA.	A. EA. EA.	EA. EA.	. EA.	L.r. D	.A. E.A.
	5 Milw. STH 100 (108th St) / US 45 CONT.	W ARMOUR AVE						125	500								30			4			2			
3		W LAYTON AVE						900	1600								204			12			11			
		W EDGERTON AVE							320								144			2			2			
		W ABBOTT AVE						100	260								30			3			3			
		W RIDGE RD						40	175								12			2						
	<u> </u>	W COPELAND AVE							75								15									-
		W LUTHER AVE						48									12									
		W GRANGE AVE						72	300								144			5			5			
	-	W COBB AVE															12									
		W DENIS AVE															12									
		W ROCKNE AVE															12									
		W LIBERTY AVE															12									
		WPARNELLAVE							100								30			1			1			
		W GREEN AVE															12									
		W SCHARLES AVE							150								15			1			1			-
		W GODSELL AVE															12									
		JANESVILLE RD						9	1100								144			12						
		W FOREST HOME AVE							1000								260			9			9			-
		WHITNAIL PARK DR							100								12			1			1			
	_	W KAY PKWY							250								12			1			1			
		WKELMRD							125								12			1			1			
		W COLLEGE AVE							140								18			1			1			
	5 Milw. STH 100 (108th St) / US 45 6.6	IH 94 to CTH ZZ (W College Ave)	Totals	18160	0	0	0	0 9580	21845	0	0	0	0	0	0 0	0	3016	0 0	0	0 131	5 0 0 136	0 0 0	0 108	8 0	0 (0 0

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	Epoxy Pa Var.	vement Marking - 2018 Hwy (1000-77-18) E Region Wide	INFORMATION ONLY	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skips	Ероху	Marking Line Grooved Wet	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy	Marking Removal Cros	iss Walk Epoxy	646.3020 MARKING LINE EPOXY Gore, Channelizing	Ероху	Marking Line Grooved Wet	Grooved Wet Ref	646.9100 Marking Removal line	Diagonal	646.9200 Marking Removal line Wide	Marking CHEVRONS	Marking I field line S	Marking M Stop Line Dotte	6.6320 646.5 arking Mark ed Extnsn Aer poxy Enforce	king Mrkng C rial Epoxy	rosswalk Ladder		646.5020 Marking Arrow Epoxy		646.5220 646.5 Marking Mark Symbols Wo Epoxy Epo	king Marking ord Removal	Curb Island Nose Rails
SUMMA				4-IN	4- IN	4-IN	4- IN	4 - IN	6-IN	8-IN	8- IN	8-IN	8- IN	8-IN	12-IN	-				l8-IN Bar E			E 1 TYPE 2 TYPE	E3 TYPE 4 TYPE5 TYP	PE 2R TYPE 3R TYPE :		Marking	Epi
Item# Count	ty HWY Miles	LOCATION	REMARKS / COMMENTS	LF.	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. L.I	F. L	.F. EA	. EA. EA	A. EA. EA. E	A. EA. EA.	EA. EA	A. EA.	L.F. EA. E.
C DAC	STH 38 2.1	CTHK to CTHMM		49896						1500					1													
U NAC.	311130 2.1	Auailiary Lane Line & Ramps		43030						1300																		
		Interchanges / or Intersections;																										
		STHK (ROUNDABOUT) OMIT MARKINGS																										
		TAURUS DR								360									30				2			2		
		N EMMERTSEN RD								1500									180			1	7 1			8		
		CHAPELLN								65									30				1					
		N NEWMAN RD								450									156				3			3		
		MANOR AVE								60									15									
		SHAMROCK DR								160									15				1			1		
		GREEN HAZE AVE								200									15				1			1		
		STH 31 (DAVIDSON RD)								1600									144				8			8		
		CROSSRIDGE DR								150									15				1			1		
		MARKRIDGE DR								75									30				1					
		MILLER LN								75									15				1					
		HANION DR								75									15				1					
		CTH MM / OLD MIL DR								1100	120								144				7 6	i		7		
																						1	34 7	0 0	0 0 0			
6 RAC.	STH 38 2.1	CTH K to CTH MM	Totals	49896	0	0	0	0	0	7370	120	0	0	0	0	0	0	0	804	0 0)	0		42		0 31	1 0	0 0 0

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		Epoxy Par Var	ement Marking - 2018 wy (1000-77-18)	INFORMATION ONLY	646.1020 Marking line epoxy	SPV.0090.01 646.104 Pav. Mrkng Marking I		646.9000 646.7420 Marking Marking	646.3020 Marking Line	SPV.0090.02 646.30 Pav. Mrkng Marking			646.7120 646.920 Marking Marking		646.6220 646.63 Marking Marki		646.5420 646.7520 Marking Mrkng Crossw		646.5020 Marking	646.5220 646.5120 Marking Marking		120 646.8220 646.5320 ing Marking Marking
		S	Region Wide		MAIN LINE	Epoxy Grooved		Removal Cross Walk Epox		Epoxy Grooved			Diagonal Remova		· ·		Aerial Epoxy Ladde		Arrow	Symbols Word	Removal Cur	• • • •
					Lane line, Edge line, Mini Skips					Contrast (white) Contrast (v			Epoxy line Wic		Ероху Ерох		Enforcement Pattern		Ероху	Ероху Ероху	Special Epo	
Item#	SUMMARY County	HWY Miles	LOCATION	REMARKS / COMMENTS	4-IN LF.	4-IN 4-IN L.F. L.F.	4- IN L.F.	4 - IN 6-IN L.F. L.F.	&IN L.F.	8-IN 8-IN L.F. L.F.		8-IN L.F.	12-IN L.F. L.F.	24-IN L.F.	18-IN 18-II L.F. L.F.	N 18-IN EA.	Bar Epoxy 24-IN L.F. L.F.	TYPE 1 TYPE 2 TYPE 3 EA. EA. EA. EA.	TYPE 4 TYPE 5 TYPE 2R T EA. EA. EA. EA.	YPE 3R TYPE 7R Ea. Ea. Ea. Ea. Ea.	Marking EA. L.F	Epoxy E. EA. E.A.
item ii	county	Titti Hilles	Lowings	nemana) commento	Lil i	Lit. Lit.	Lili	Cit Cit	Lili	GI, GI,	Lit	LI I	un un	Lii	Lili Lil	LTI	LII. LII	51 51 51	011 011 011	U1. U1. U1. U1.	Di. Li	. 011 671
7	RAC.	STH 32 2.13	25th st. to CTH KR (RAC./KENO. CO.LINE)		50608				1000													
			Auailiary Lane Line & Ramps																			
			Interchanges / or Intersections;																			
			25TH ST			1			75						18							
			STH 11 (DURAND AVE)					450	1800	120					96			11		11		
			LARSON ST					125	500						28			2		2		
			CHICORY RD						1000						96			8		6		
			SHERIDAN RD						200						27			2		2		
			MACEMON RD						200									2		2		
			HANSCHE RD						200						27			2		2		
			EDGEWATER DR						1250						125			5		4		
			COUNTY LINE RD (1ST STREET)																			
			, ,															N 32 N	0 0 0	0 0		
7	RAC.	STH 32 2.13	25th st. to CTH KR (RAC./KENO. CO.LINE)	Totals	50608	0 0	0	0 575	6225	120 0	1	0	0 0	0	0 417	n	0 0	0 32 0	32	0 29	0 0	0 0

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Epoxy Pavement N Var. Hwy (100 SE Region SUMMARY	farking - 2018 10-77-18) Wide	INFORMATION ONLY	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skip: 4-IN	Pav. Mrkng M Epoxy Gr s Contrast (white) Con	rooved Wet Grooved V	Line Marking Wet Ref Removal C Epoxy line	646.7420 Marking Cross Walk Epoxy Transverse Line 6-IN	646.3020 MARKING LINE EPOXY ore, Channelizing 8-IN	Ероху	Grooved Wet	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN	646.9100 Marking Removal line 8-IN	Marking N Diagonal R Epoxy lir	arking N emoval CH e Wide	Marking M HEVRONS Yie Epoxy I	6.6220 646.6: arking Marki eld line Stop L poxy Epox 18-IN 18-II	ng Marking ne Dotted Extr y Epoxy	Marking sn Aerial Enforcement		alk r	TYPE2 TYP	M A E	6.5020 larking Arrow Epoxy TYPE 5	2R TYPE3R	Mar Sym Epi			
Item# County HWY Miles	LOCATION	REMARKS / COMMENTS	LF.	L.F.	LF. LF.		L.F.	LF.	LF.	L.F.	LF.	L.F.				L.F. L.F.		L.F.	LF.	EA.	EA. EA	i. EA.	EA. EA	. EA.	EA. E	A. EA.		L.F. EA.
8 WASH. Sth 60 8.3	CTH P (OLD US HWY 45) TO HIGH RD		177896					2000													46					3		
Auailiary	Lane Line & Ramps Interchanges / or Intersections;																											
	HIGHRD							125								24												
	WAYSIDE DR															15												
	OTTO DR						80	100								12												
	S TERI LN							125								36												
	FRANKLIN DR							125								36												
	KETTLE MORANE RD						400	3200								144					12	4				10		
	POWDER HILL RD							100								15					1					1		
	KETTLE VIEW CT							100								30					2					2		
	CHAROLAIS DR							100								12					1					1		
	BONNIE LN						500	400								144					6					6		
	PARKWAY DR							50								20					1					1		
	WHELLESTATE															20												
	SLINGER RD							450								36					4					4		
	INDUSTRIAL DR							150													2					2		
	STH 175 (E WASHINGTON ST)							400								156					3					3		
	LOUSWAY															24					2					2		
	ENTERPRISE DR							900								48					5					5		
	STH 164 (LOVERS LN)							1000								144					9					7		
	IH 41 (SKIP INTERCHANGE,)																											
	HILLSIDE RD (ROUNDABOUT, OMIT MARKINGS)																											
	SCENIC RD															48					8					8		
	LILLY RD															20					6					6		
	S MAYFIELD RD															48					8					8		
	TILLIE LAKE RD (OMIT MARKINGS,)																											
	USH 45, INTERCHANGE (skip interchange)																											
	ROPERD																											
	CTH P (OLD US HWY 45)							800								108					7					7		
		_				<u> </u>	J							. 1		. 1				0	123 4			0				
8 WASH. Sth 60 8.3	CTH P (OLD US HWY 45) TO HIGH RD	Totals	177896	0	0 0	0	980	10125	0	0	0	0	0	0	0	0 114	0	0	0				127		- (76	0 (0 0

FILE NAME: N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-18\Final Misc. Quantities

HWY:VARIOUS

PROJECT NO:1000-77-18

COUNTY: VARIOUS

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1			Eŗ	oxy Paver	nent Marking - 2018	INFORMATION ONLY	646.1020	SPV.0090.01	646.1040	646.1545	646.9000	646.7420	646.3020	SPV.0090.02	646.3040	646.3545	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	46.8120 646.82	220 646.5320
ı					y (1000-77-18)		MARKING LINE EPOXY	Pav. Mrkng	Marking Line	Marking Line	Marking	Marking	MARKING LINE	Pav. Mrkng	Marking Line	Marking Line	Marking	Marking	Marking	Marking	Marking	Marking	Marking	Marking	Mrkng Crosswalk	Marking	Marking	Marking	Marking I	Marking Marki	ing Marking
				SER	legion Wide		MAIN LINE	Ероху	Grooved Wet	Grooved Wet Ref	Removal	Cross Walk Epoxy	EPOXY	Ероху	Grooved Wet	Grooved Wet Ref	Removal	Diagonal	Removal	CHEVRONS	Yield line	Stop Line	Dotted Extnsn	Aerial	Epoxy Ladder	Arrow	Symbols	Word	Removal	Curb Island M	Nose Railroad
ı							Lane line, Edge line, Mini Skips	Contrast (white	Contrast (white)	Contrast Epoxy	line	Transverse Line	Gore, Channelizing	Contrast (white	Contrast (white)	Contrast Epoxy	line	Ероху	line Wide	Ероху	Ероху	Ероху	Ероху	Enforcement	Pattern	Ероху	Ероху	Ероху	Special	Ероху Ерох	cy Crossings
┨		SUMMARY					4-IN	4- IN	4-IN	4- IN	4-IN	6-IN	8-IN	8- IN	8-IN	8-IN	8-IN	12-IN	-	24-IN	18-IN	18-IN	18-IN	Bar Epoxy	24-IN	TYPE1 TYPE2 TYPE3 TYPE 4 TYPE5 TYPE2R TYPE3R TYPE	:7R		Marking		Ероху
	ltem#	County	HWY	Miles	LOCATION	REMARKS / COMMENTS	LF.	LF.	LF.	LF.	LF.	LF.	LF.	LF.	L.F.	LF.	L.F.	LF.	L.F.	LF.	LF.	LF.	EA.	LF.	L.F.	EA. EA. EA. EA. EA. EA. EA.	A. EA.	EA.	EA.	L.F. EA.	. E.A.
	9	Wauk	USH 18	5.13	CTHY (BARKER RD) TO 1245T (WAUK/MILW CO.LINE)	SEE DETAIL SHEET FOR ITEM#9 All lane line is to be white contrast epoxy	6876	21331					27086													15		14			
						Add 4" yellow epoxy (3' line, 9' space) var. loc. at left turn median as shown on detail sheets	138																			0 15 0 0 0 0 0 0	1				
	9	Wauk	USH 18	5.13	CTHY (BARKER RD) TO 124ST (WAUK/MILW CO.LINE)	Totals	7014	21331	0	0	0	0	27086	0	0	0	0	0	0	0	0	0	0	0	0	15	0	14	0	0 0	0

SHEET: 12 OF 28

Е COUNTY: VARIOUS SHEET: PROJECT NO:1000-77-18 HWY:VARIOUS (FOR INFORMATION ONLY) MISCELLANEOUS QUANTITIES PLOT BY :DONALD STEEL

E

			Ерс	Var. Hwy	ent Marking - 2018 (1000-77-18) gion Wide	INFORMATION ONLY	646.1020 Marking Line Epoxy Main Line		646.1040 Marking Line Grooved Wet		Marking	•	646.3020 Marking line Epoxy	•		646.3545 Marking Line Grooved Wet Ref	646.9100 Marking Removal	Marking	Marking M	arking M	16.6220 646.6 arking Mark eld line Stop	ing Mark	ing Markir	ng Mrkng (646.5020 Marking Arrow			Marking Ma	rking Marking	0 646.8220 646.5320 Marking Marking Island Nose Railroad
	ltem#	SUMMARY		Miles	LOCATION	REMARKS / COMMENTS	e 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 Tr 4 - IN L.F.	ransverse Line (6-IN L.F.	Gore, Channelizing 8-IN L.F.	Contrast (white) 8- IN L.F.	Contrast (white) 8-IN L.F.	Contrast Epoxy 8- IN L.F.	line 8-IN L.F.	Epoxy I 12-IN L.F.			Epoxy Epo 18-IN 18-I LF. LF			oxy 24	4-IN TY	PE 1 TYPE 2 TYPE Fa. Ea. Ea.		5 TYPE 2R TYPE 3R TY EA. EA.		Ma	ecial Epoxy rking EA. L.F.	Epoxy Crossings Epoxy EA. E.A.
3	10	KENO.	STH 158	3.5 E.	FRONTAGE RD (Intersection) near 194 TO W OF STH 31 (GREENBAY RD	PAINT ONLY SPECIAL MARKINGS AT INTERSECTION AND LL.																										
4					EAST FRONTAGE RD (INTERSECTION)		1000						500									84				6	2			6		
					HWY BETW. E. FRONTAGE RD & OLD DOG TRACK DRWY		4500	1					600	1																		
					OLD DOG TRACK DRIVE WAY TO WEST OF STH 31 (GREENBAY RD)	PAINTING ONLY 4" MARKINGS (AS SHOWN)																										
						4" WHITE 4" YELLOW	19640 33040																									
																										0 (1	0 0	0 0	٥			
	10	KENO.		-	FRONTAGE RD (Intersection) near 194 TO W OF STH 31 (GREENBAY RD	1	58180	0	0	0	0	0	1100	0	0	0	0	0	0	0	0 84	1 0	0		0	U 6 Z	8	0 0	0	6	0 0	0 0
	han H	SUMMARY		Var. Hwy (SE Reg	nt Marking - 2018 (1000-77-18) ion Wide	INFORMATION ONLY	646.1020 MARKING LINE EPOX MAIN LINE Lane line, Edge line, Mini: 4-IN	Ерох	kng Marking I cy Grooved white) Contrast (w 4-IN	Line Marking Li Wet Grooved We white) Contrast Ep. 4- IN	ine Marking et Ref Remova oxy line	Marking Cross Walk Ep Transverse Lin	MARKING L Oxy EPOXY ne Gore, Channel 8-IN	INE Pav. Mrki Epoxy Izing Contrast (wi 8- IN	ng Marking Li Grooved V nite) Contrast (wh 8-IN	ne Marking Line /et Grooved Wet F ite) Contrast Epox 8- IN	Ref Removal	Marking Diagonal Epoxy	646.9200 Marking Removal line Wide L.F.	Marking CHEVRONS Epoxy 24-IN	Marking N Yield line St Epoxy 18-IN	Marking Nop Line Dott Epoxy 18-IN	larking Ma ed Extnsn Ae Epoxy Enfor 18-IN Bar	rking Mrkn erial Epo rcement I Epoxy	oxy Ladder Pattern	TYPE1 TYPE2 TY	646.502 Markinj Arrow Epoxy PE 3 TYPE 4 TYP EA. EA. EA	g E 5 TYPE 2R TYPE 3R	Marking Symbols Epoxy YPE 7R	Marking M Word Re Epoxy Sp M	16.9300 646.812 larking Markin, emoval Curb pecial Epoxy larking LF.	g Marking Marking Island Nose Railroad Epoxy Crossings Epoxy
	11	•	HWY STH 83		LOCATION 300' SO. OF CTH NN TO .15 MI. N OF HOUDAY RD	REMARKS / COMMENTS PAINT EDGE LINE	LF. 101476	L.F.	L.F.	Lr.	Lr.	Lr.	L.F.	LF.	LF.	L.F.	Lr.	Lr.	Lr.	LF.	Lr.	L.F.	EA. L	Lr.	L.F.	ta. ta. t	:A. EA. EA	i. EA. EA.	EA. EA.	EA.	EA. L.F.	EA. E.A.
						DO NOT PAINT ANY TAPE (4" OR 8")																										
				СТН	NN (INTERSECTION)	PAINT (EPOXIED) LL APPROCHING CTH NN INTERSECTION PAINT UP TO 300' EAST & WEST OF INTERSECTION ON CTH NN.		,				840	1955	,								176				10				8		
						Add new 8" contrast markings (2' line, 6' space) for the dual left turn movement								40																		
						Add 220' new solid 8" white betw. Dual left turn lane bay							220																			
						Add new 8" white markings (3"line, 9'space) at end of dual left turn lane bay.							12																			
					CK BEAR BLVD INTERSECTION (NEW 2017 CONSTRUCTION) I (ROUNDABOUT)	SKIP INTERSECTION REFRESH ONLY 4" EDGE LINES UP TO																										
				СТН	X (ROUNDABOUT)	AND FROM ROUNDABOUT ON STH 83 MAIN LINE REFRESH ONLY 4" EDGE LINES UP TO AND FROM POUNDABOUT ON STH 83 MAIN LINE																										
	11	WAUK	STH 83	5.15	300'SO. OF CTH NN TO .15 MI. N OF HOLIDAY RD	AND FROM ROUNDABOUT ON STH 83 MAIN LINE Totals	101476	0	0	0	0	840	2187	40	0	0	0	0	0	0	0	176	0	0	0	0 10	0 0 0	0 0	0 0	8	0 0	0 0
					_			·		•	1	,				·					ı	,								SHE	ET: 13	OF 28

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HWY:VARIOUS

PROJECT NO:1000-77-18

COUNTY: VARIOUS

MISCELLANEOUS QUANTITIES

		Pavement Marking - 2018 /ar. Hwy (1000-77-18) SE Region Wide	INFORMATION ONLY REMARKS / COMMENTS	646.1020 MARKING UNE EPOXY MAIN UNE Lane line, Edge line, Mini Sk 4-IN LF.	SPV.0090.01 646.1040 Pav. Mrkng Marking Line Epoxy Grooved Wet ips Contrast (white) Contrast (white 4-IN 4-IN LF. LF.	Grooved Wet Ref Removal	Cross Walk Epoxy EPOXY	SPV.0090.02 646.3040 646.3545 Pav. Mrking Marking Line Marking Line Epoxy Grooved Wet Grooved Wet Fing Contrast (white) Contrast (white) Contrast Epox 8-IN 8-IN 8-IN 8-IN LF. LF. LF.	ne Marking Marking Marking Ref Removal Diagonal Removal	Marking Marking Marking N CHEVRONS Yield line Stop Line Dot Epoxy Epoxy Epoxy 24-IN 18-IN 18-IN	Marking Marking Mrkng Crosswalk ted Extnsn Aerial Epoxy Ladder Epoxy Enforcement Pattern	646.5020 Marking Arrow Epoxy Type 1 Type 2 Type 3 Type 4 Type 5 Type 2R Type 3R EA. EA. EA. EA. EA. EA. EA.		Marking Tailroad
	300 Milwaukee IH 43 5.			123888			10240							
3		Interchanges / or Intersections; CTH W [OZ. / MLW. CO. LINE] INTER.												\dashv
		LONG LINE MARKINGS :			1			· ·						
		SB ON RAMP CROSS ROAD/ UNDERPASS OR OVERPASS CROSSING	LIMITS: O' IN BOTH DIRECTION, FROM THE CENTER OF THE CROSSING ROWY OR BRIDGE	2202			20			15				
		SPECIAL MARKINGS: (Location at underpass / Overpass and Terimini Area)												
		Interchanges / or Intersections;												_
		N. Port Washington Rd (NB Exit Ramp) LONG LINE MARKINGS:												
		NB OFF RAMP	ADD NEW (TYPE 4) ARROW ,INSTALL 500' FROM UPPER TERMINI.	1400						36		6 1	6	
		CROSS ROAD/ UNDERPASS OR OVERPASS CROSSING	LIMITS: O' IN BOTH DIRECTION, FROM THE CENTER OF THE CROSSING ROWY OR BRIDGE											
		SPECIAL MARKINGS: (Location at underpass / Overpass and Terimini Area)												
		Interchanges / or Intersections;												_
		STH 100 (W BROWN DEER ROAD) LONG LINE MARKINGS: STH 100 WB DIRECTION	NOTE: NO EDGE LINE MARKINGS ON RAMPS											
		WB ON RAMP (IH43S)								15				
		STH 100 EB DIRECTION EB OFF RAMP (1435)					600			24			6	
		CROSS ROAD / UNDERPASS OR OVERPASS CROSSING	LIMITS: 600' IN BOTH DIRECTION, FROM THE CENTER OF THE CROSSING RDWY OR BRIDGE	4000										
		SPECIAL MARKINGS: (Location at underpass / Overpass and terimini area)												
		Item 300 con	tinue on sheet 5 of 28				2000						SHEET: 14 OF 28	

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PROJECT NO:1000-77-18

HWY:VARIOUS

COUNTY: VARIOUS

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SHEET:

			Еро	poxy Pavement Marking - 2018 Var. Hwy (1000-77-18) SE Region Wide	INFORMATION ONLY	646.1020 Marking line epoxy Main line Lane line. Edge line, Mini Ski	SPV.0090.01 646.104 Pav. Mrkng Marking Li Epoxy Grooved V os Contrast (white) Contrast (w	ine Marking Line Ma Net Grooved Wet Ref Rer		MARKING LINE EPOXY	Pav. Mrkng Mark Epoxy Groot	3040 646.3545 Ing Line Marking Line ed Wet Grooved Wet Re t (white) Contrast Epoxy	Marking ef Removal	646.7120 646.9200 Marking Marking Diagonal Removal Epoxy line Wide	Marking 1 CHEVRONS Y	646.6220 646.6120 Marking Marking field line Stop Line Epoxy Epoxy	Marking Marking	Mrkng Crosswalk Epoxy Ladder	646.5020 Marking Arrow Eooxy		Symbols Word	Marking Marking Marking Marki
<u></u> ┃ ┃	Itam #	SUMMAR Milwauke	inti UNIV M	Mellor 5.9 LOCATION IN	REMARKS / COMMENTS	4-IN LF.	4-IN 4-IN LF.	4-IN 4	4-IN 6-IN	8-IN L.F.	8-IN 8	IN 8-IN	8-IN	12-IN LF. LF.	24-IN	18-IN 18-IN LF. LF.	18-IN Bar Epox	y 24-IN T	PE1 TYPE2 TYPE3 TYPE 4 TYPE5 A. EA. EA. EA. EA.	EA EA EA	EA EA	Marking Epoxy Closh EA. L.F. EA. EA.
				Interchanges / or Intersections; W GOODHOPERD INTER. LONG LINE MARKINGS: NB OFF RAMP	NOTE: NO EDGE LINE MARKINGS ON RAMPS ADD NEW TYPE 4 ARROW					275						36			1 1 1			
				NB ON RAMP						160						-						
				SB OFF RAMP SB ON RAMP CROSS ROAD / UNDERPASS OR OVERPASS CROSSING	IP LIMITS: 320' IN BOTH DIRECTION, FROM THE					275 125						12			1			
				SPECIAL MARKINGS: (LOCATION AT UNDERPASS / OVERPASS AND TERIMINI AREA)	CENTER OF THE CROSSING ROWY OR BRIDGE A) 4" white for Edge line on overpass crossing (only)	700				700						132			8		6	
				Interchanges / or Intersections; W Silver Spring Interchange	1																	
				LONG LINE MARKINGS: NB OFF RAMP (1ST RAMP) TO N PORT WASHINGTON RD (2ND RAMP) TO WB SILVER SPRING RD	RD	6681			96	621						24				1	1	
				ON RAMP TO NB IH 43 SB IH 43 SB OFF RAMP		3825			48	695						24 48			5 1	1	5	
				SB ON RAMP CROSS ROAD / UNDERPASS OR OVERPASS CROSSING SPECIAL MARKINGS:	LIMITS: 75' IN BOTH DIRECTION, FROM THE Center of the Crossing Rowy or Bridge	300			96	400						84			4		2	
	300	Milwa	aukee IH43 S	(LOCATION AT UNDERPASS / OVERPASS AND TERIMINI AREA) 5.9 W.CO. LINE RD (OZAUK./ MILW. CO. LINE) TO W HAMPTON AVE	A) Totals	142996			0 240	16111	0 0		0	0 0	0 (0 450	0 0	0	29 5 4 0 C		6 24 (

SHEET: 15 OF 28

Epoxy Pavement Marking - 2018 Var. Hwy (1000-77-18) SE Region Wide SUMMARY Item# County HWY Miles LOCATION REN	INFORMATION ONLY 646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skip 4-IN LF.	SPV.009.01 646.1040 646.1545 Pav. Mrkng Epoxy Grooved Wet Contrast (white) Contrast (white) 4-IN 4-IN 4-IN LF. LF. LF.	f Removal Cross Walk Epoxy	646.3020 SPV.0090.02 646.3040 MARKING LINE Pav. Mrkng Marking Line EPOXY Epoxy Grooved Wet Gore, Channelizing Contrast (white) Contrast (white 8-IN 8-IN 8-IN LF. LF. LF.	Grooved Wet Ref Removal Diagonal Remo	king Marking M	Mrkng Crosswalk Marking Epoxy Ladder Arrow Int Pattern Epoxy	646.5220 646.5120 646.9300 646.8120 646.8220 646.5320
301 MILWAUKEE IH 43 4.5 W HAMPTON AVE TO W KILBOURN AVE	REFRESH ANY LANE LINES OR EDGE LINE IF 2500							
Interchanges / or Intersections;	- directed by Wisdot Staff							
W HAMPTON AVE Interchange								
LONG LINE MARKINGS : NB IH 48 OFF RAMP		•		•				
HAMPTON AV EAST ADD	D NEW (TYPE 4) ARROW		140	600		36	6 1	6
HAMPTON AV WEST			96	800		24	4	4
ON RAMP TO IH 43 SB				225			1	1
	LIMITS: 100' IN BOTH DIRECTION, FROM THE							
	CENTER OF THE CROSSING RDWY OR BRIDGE pair of Arrow /Only approaching IH 43 SB on ramp			200			2	1
	From the Wes and East on Hampton Ave.							
Interchanges / or Intersections; STH 57 (N GREEN BAY AVE) ON /OFF RAMPS								
LONG LINE MARKINGS: NA								
SPECIAL MARKINGS:								
IH 43 (SB) OFF RAMP TO STH 57	ADD NEWSTOP BAR		80	100		24	2	
IH 43 (NB) OFF RAMP TO STH 57			44	75		12	,	
IH 43 (SB) ON RAMP			м	200		24	•	,
			44	200		24		1
IH43 (NB) ON RAMP (FROM N. 7TH ST.)			40					
LOCATIONS AT CROSS RD UNDER OR OVERPASS AND TERIMINI AREA:								
Interchanges / or Intersections;								
STH 190 , CAPITAL AVE								
LONG LINE MARKINGS : NA								
SPECIAL MARKINGS:								
IH 43 (NB) OFF RAMP TO CAPITAL AV (EAST)			24				1	
IH 43 (SB) ON RAMP FROM N. 9TH ST.						24		
LOCATIONS AT CROSS RD UNDER OR OVERPASS AND TERIMINI AREA:						. .		
Item 301 continue on sheet17 & 18 of 28								SHEET: 16 OF 28
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Marking\Miscellaneous Quantities\1000-77-18\Final
Misc. Quantities

	Enovy Dayomont Marking 2010	INICODANATIONI ONI V	CACAMA	CD1/ 0000 04	CAC 10A0	CAC 4EAE	cac nono I cac sa	10 (40.30)	nn cnu 0000 00	(10,0010	CAC DE AE	CAC DADO	CAC 7420 C	cono I caca	110 Cac con	U (4C C420	CAC COOL I	ACTANO I CACT	10	CACEO	10	CAC FOOD CO	CEANO I CACADAD	CACOADO	AC 0220 C
[]	Epoxy Pavement Marking - 2018 Var. Hwy (1000-77-18)	INFORMATION ONLY	646.1020 Marking Line Epoxy	SPV.0090.01 Pav. Mrkng N	646.1040 Marking Line	646.1545 Marking Line	646.9000 646.74 Marking Markir		020 SPV.0090.02 GLINE Pav. Mrkng		646.3545 Marking Line	646.9100 Marking		6.9200 646.73 arking Marki		0 646.6120 g Marking		546.5420 646.75 Warking Mrkng Cro		646.50 Markii		646.5220 64 Marking M	6.5120 646.9300 larking Marking	646.8120 64 Marking M	
	SE Region Wide		MAIN LINE				Removal Cross Walk	- 1			Grooved Wet Ref						Dotted Extrisn			Arrov	•	- 1	Word Removal		
	•		Lane line, Edge line, Mini Skips						nelizing Contrast (whit					e Wide Epox		Ероху		forcement Patte		Ерох		Epoxy E			Epoxy Cros
SUMMARY			4-IN	4- IN	4-IN		4 - IN 6-IN		- 1	8-IN	8- IN	8-IN	40.111	24-1				ar Epoxy 24-II		TYPE 3 TYPE 4 TY	PE 5 TYPE 2R TYPE 3R T		Marking		Ep
Item# County HWY		REMARKS / COMMENTS	LF.	L.F.	L.F.	L.F.	L.F. L.F.	LF.	LF.	L.F.	L.F.	L.F.	L.F.	LF. LF	L.F.	L.F.	EA.	LF. LF.	EA. EA.	EA. EA. E	A. EA. EA.	EA. EA.	EA. EA.	L.F.	EA. E.
301 MILWAUKEE IH 43	4.5 Interchanges / or Intersections; ATKINSON AVE																								
	LONG LINE MARKINGS : NA																								
	LONG LINE MARKINGS . INA																								
	SPECIAL MARKINGS:																								
	11.12.152.1572.1572.1711.501.111	5 ADD NEW/7925 A ADDOM																							
]	IH 43 (SB) OFF RAMP TO ATKINSON AV	E ADD NEW (TYPE 4) ARROW																		1					
	IH 43 (NB) ON RAMP FROM N. 7TH ST															24									
	LOCATIONS AT CROSS RD UNDER OR OVERPASS AND TERIMINI AREA:																								
	Interchanges / or Intersections;																								
	W KEFF AVE																								
	LONG LINE MARKINGS : NA																								
	SPECIAL MARKINGS:																								
	IH 43 (NB) OFF RAMP TO W KEEFE AV	E					96												2 2	2 1					
	IH 43 (SB) ON RAMP FROM N. 8TH ST							225								18									
								223								10									
	LOCATIONS AT CROSS RD UNDER OR OVERPASS AND TERIMINI AREA:																								
	Interchanges / or Intersections;																								
	W LOCUST ST.	-																							
	LONG LINE MARKINGS : NA																								
	SPECIAL MARKINGS:																								
	IH 43 (NB) ON RAME															24							1		
	IH 43 (NB) OFF RAME	ADD 8" WHITE LINE FOR DUAL RIGHT TURN ADD NEW (TYPE 4) ARROW AT END OF					96									48			2 3	2 1			3		
		SINGLE LANE TRANSITION																							
	IH 43 (SB) ON RAME							100	1							18						1			
	IH 43 (SB) OFF RAME						108		14							48			2	2 1			1		
		ADD NEW 8" CONTRAST, DOT PATTERN FOR DUAL LEFT TURN ,2' LINE,6'SPACE																							
	LOCATIONS AT CROSS RD UNDER OR OVERPASS AND TERIMINI AREA:																								
	Interchanges / or Intersections;																								
	W NORTH AVE																								
	LONG LINE MARKINGS : NA																								
	SPECIAL MARKINGS:																								
	IH 43 (NB) ON RAME	PAINT 8" WHITE ON SMALL GORE ON 7TH ST.						150	1							36			1	1		3	1		
	IH 43 (NB) OFF RAMP TO HALYARD (NORTH AVE	. ADD NEW (TYPE 4) ARROW AT END OF					48									24			2	2 1			1		
		SINGLE LANE TRANSITION																							
	IH43 (SB) ON RAME						96									36						3			
	IH 43 (SB) OFF RAMI						150		150							75			4 8	1			8		
		ADD 8" CONTRAST, DOT PATTERN FOR 8" DUAL LEFT TURNS , LANE SHIFT, 2' LINE, 6'SPACE																							
	I OCATONIC AT CORM DO MINOR OF COMME	ADDING 2 (TYPE 2)MODIFIED ARROWS																							
	LOCATIONS AT CROSS RD UNDER OR OVERPASS AND TERIMINI AREA:																								
Item 301 continue	e on sheet18 of 28																						SHEET:	17 OF	
PROJECT NO:1000	0-77-18	HWY:VARIOUS		С	OUNT	Y:VARI	ous			MI	SCELLA	NEOL	JS QU	ANTITII	ES			(FOR	NFORM	MATION	ONLY)	SHE	ET:		

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			Var.	vement Marking - 2018 Hwy (1000-77-18)		INFORMATION ONLY	646.1020 Marking line epoxy		Marking Line Ma	646.1545 646.9000 arking Line Marking	Marking	646.3020 Marking line	Pav. Mrkng			-	Marking 1	Marking	646.7220 64 Marking Ma	arking Mark	ing Marking	0 646.5420 Marking	Mrkng Crosswalk		646.5020 Marking		Marking Mark	ing Marking	646.8120 646.8220 Marking Marking	Marking
		SUMMARY	S	E Region Wide			MAIN LINE Lane line, Edge line, Mini SI 4-IN		Contrast (white) Con	oved Wet Ref Removal ntrast Epoxy line 4- IN 4 - IN	Transverse Line		Epoxy ng Contrast (white) (8- IN		Grooved Wet Ref Contrast Epoxy 8- IN	line	-	ne Wide	Epoxy E	ld line Stop poxy Epo 18-IN 18-		Enforcement	Epoxy Ladder Pattern 24-IN	TYPE 1 TYPE 2 TY	Arrow Epoxy PE 3 TYPE 4 TYPE 5	TYPE 2R TYPE 3R TYPE	Symbols Wo Epoxy Epox 7R		Curb Island Nose Epoxy Epoxy	e Railroad Crossing Epoxy
	Item#		HWY Miles	LOCATION		REMARKS / COMMENTS	LF.	LF.	L.F.	LF. LF.	LF.	LF.	L.F.	L.F.	LF.	L.F.	L.F.			LF. Li	EA.	L.F.	LF.		A. EA. EA.	EA. EA. EA	1	-	L.F. EA.	E.A.
	301	MILWAUKEE	IH 43 4.5	Interchanges / or Intersections; STH 145 (FOND DU LAC A)	AVE)																									
3				LONG LINE MARKINGS : NA																										
1				SPECIAL MARKINGS:																										
\dashv					IH 43 (SB) OFF RAMP	ADD NEW 8" CONTRAST, DOT PATTERN FOR DUAL LEFT TURN(s) ,2' LINE,6'SPACE					160									50	ı			6	2 1		6			
					IH 43 (SB) ON RAMP	REFESH 4" LANE LINES IF NEEDED	187													50	ı									
					IH 43 (NB) OFF RAMP	8" DUAL LEFT TURN ,2' LINE,6'SPACE														50				4	4		3			
				LOCATIONS AT CROSS RD UNDER OR OVERPASS	IH 43 (NB) ON RAMP S AND TERIMINI AREA:	LIMITS: 550' IN BOTH DIRECTION, FROM THE														36	1						b			
				ON STH 145 (FOND DU LAC AVE) LONG LINE MARKINGS :		CENTER OF THE CROSSING RDWY OR BRIDGE REFESH EDGE LINE, LANE LINE AND 8" CHAN.	2000																							
				SPECIAL MARKINGS:		ONLY ON STH 145 IF DIRECTED BY WISDOT STAFF.						1000												5			5			
				Interchanges / or Intersections; W HIGHLAND AV																										
				LONG LINE MARKINGS : NA																										
				SPECIAL MARKINGS:	IH 43 (SB) OFF RAMP						72									36	i			1	1 1		1			
					IH 43 (NB) ON RAMP															24	ı						5			
				LOCATIONS AT CROSS RD UNDER OR OVERPASS ON: HIGHLAND AV	S AND TERIMINI AREA:																									
				LONG LINE MARKINGS :	NA																									
				SPECIAL MARKINGS:	NA																									
				Interchanges / or Intersections; W KILBOURN AVE																										
				Long Line Markings : NA Special Markings:																										
					IH 43 (NB) OFF RAMP	ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION					96									36	i			2 1			1			
					IH 43 (NB) ON RAMP						185																			
				LOCATIONS AT CROSS RD UNDER OR OVERPASS ON: 6TH ST.	S AND TERIMINI AREA:																									
				LONG LINE MARKINGS :																										
				SPECIAL MARKINGS:		ADD NEW 4" CONTRAST YELL,2'LINE & 6' SPACE ADD 8" CONTRAST WHITE, LANE SHIFT -2'LINE/6'SPACE		20																12 46 1	6 14 0	0 0 0				
	301	MILWAUKEE	IH 43 4.5	W HAMPTON AVETO W KILBOU	IURN AVE	Totals	4687	20	0	0 0	1575	3675	164	0	0	0	0	0	0	0 77	7 0	0	0		88			0	0 0	0
L																												SHE	ET: 18 O	F 28

FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-18\Final Misc. Quantities

HWY:VARIOUS

PROJECT NO:1000-77-18

COUNTY: VARIOUS

SHEET:

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			Ebo	xv Paven	nent Marking - 2018	INFORMATION ONLY	646.1020	SPV.0090.01	646.1040	646.1545	646.9000	646.7420	646.3020	SPV.0090.02	646.3040	646.3545	646.9100	646.7120	646.9200	646.7220	646.6220 644	.6120 646.63	20 646.5420	646.7520		6	546.5020	646.5220	646.5120	646.9300 646.8	8120 646,8220	646.5320
				Var. Hw	y (1000-77-18)		MARKING LINE EPOXY		Marking Line			Marking	MARKING LINE		Marking Line		Marking	Marking	Marking		Marking Ma			Mrkng Crosswal	k		Marking	Marking		Marking Mark		
				SF R	egion Wide		MAIN LINE	Ероху	-	Grooved Wet Ref		•	EPOXY			Grooved Wet Ref		Diagonal	•		Yield line Sto	•		Epoxy Ladder			Arrow	Symbols	-	Removal Cui		' I " I
٦I				0210	6,011 1140		Lane line, Edge line, Mini Skips	' '					Gore, Channelizing				line	Ероху	line Wide	Ероху		oxy Epox					Ероху	Ероху		Special Epo	l l	Crossings
3		SUMMARY					4-IN	4- IN	4-IN	4- IN	4 - IN	6-IN	8-IN	8- IN	8-IN	8- IN	8-IN	12-IN		24-IN		HN 18-11			TVDF 1 TVDF 2		4 TYPE 5 TYPE 2R TYPE 3R TY	DF 7R		Marking Lpo	лу гролу	Epoxy
		County	HWY	Miles	LOCATION	REMARKS / COMMENTS	LE.	L.F.	I.F.	L.F.	LE.	L.F.	L.F.	L.F.	L.F.	I.F.	I.F.	L.E.	I.F.	L.F.	I.F.	.F. EA.	I.F.	L.F.	EA. EA.	FA. FA.	EA. EA. EA.		EA.	EA. L.F	F. FA.	E.A.
																									1 1		1 1 1 1					
	302 MI	IW IH	H 794	0.35	4TH STR.(OVERPASS) TO .35 MILES WEST																											
	JUL 1411		11754	0.55	411311.(OVEIII 733) 10.33 WILLS WEST	REFRESHALL 4" CONTRAST LANE LINES		1500																								
				le le	nterchanges / or Intersections;	NET NESTTALE 4 CONTINAST LANGE LINES		1300																								
				"	IH 794 (EAST -WEST FWY -MAIN LINE)																											
				-	IN 754 (CAST-WEST FWT -WAIN LINE)																											
					ONC TIME MADVINGS	DAINTEDCELING	7202																									
				L	ONG LINE MARKINGS :	PAINT EDGE LINE	7392																									
				Si	PECIAL MARKINGS:																											
					IH 94/ 43 (NB) S-E SYSTEM OFF RAMP	PAINT 8" GORE																										
					IH 41 (NB) /IH 94 (SB) TO IH 794 EAST	PAINT FIRST & SECOND 8" GORE								1250)																	
					N 2ND ST - ON RAMP TO IH 794 (WB)		5000						600	l								30			6	i	1		4			
					IH 794 (EB) - OFF RAMP TO PLANKINTON AVE		3000															30			4	1			2			
																			-						0 10	0 1	0 0 0	-				
	302	MILW	IH 794	0.35	4TH STR.(OVERPASS) TO .35 MILES WEST	Totals	15392	1500	0	0	0	0	600	1250	0	0	0	0	0	0	0	50 0	0	0			11	0	6	0 0) 0	0

SHEET: 19 OF 28

Е HWY:VARIOUS COUNTY: VARIOUS SHEET: PROJECT NO:1000-77-18 MISCELLANEOUS QUANTITIES (FOR INFORMATION ONLY) PLOT NAME: 030501_mq.pdf

SHEET: 20 OF 28

		poxy Pavement Marking - 2018 Var. Hwy (1000-77-18)		INFORMATION ONLY	646.1020 MARKING LINE EPOXY	SPV.0090.01 646.1 Pav. Mrkng Markin		646.9000 646.7420 Marking Marking	646.3020 SPV. MARKING LINE Pav.	0090.02 646.3040 Mrkng Marking Line		6.9100 646.7120 646.9200 arking Marking Marking	Marking Marking	646.6120 646.6320 Marking Marking	Marking Mrkng Cro		646.502 Markin		Marking Marking	646.9300 646.8120 646.8220 Marking Marking Marking	Marking
		SE Region Wide			MAIN LINE Lane line, Edge line, Mini Sk	Epoxy Groove tips Contrast (white) Contrast	d Wet Grooved Wet Ref	Removal Cross Walk Epoxy line Transverse Line		poxy Grooved Wet	Grooved Wet Ref Rer	moval Diagonal Removal line Epoxy line Wide		Stop Line Dotted Extr Epoxy Epoxy	nsn Aerial Epoxy La Enforcement Patte		Arrow Epoxy		Symbols Word	Removal Curb Island Nose Special Epoxy Epoxy	Railroad
3	SUMMARY Item# County HWY Miles	LOCATION		REMARKS / COMMENTS	4-IN L.F.	4- IN 4-II L.F. L.F	N 4- IN	4 - IN 6-IN LF. LF.	8-IN 8	I- IN 8-IN LF. LF.	8- IN 8	8-IN 12-IN L.F. L.F. L.F.	24-IN 18-IN L.F. L.F.	18-IN 18-IN L.F. EA.			TYPE 3 TYPE 4 TYPE EA. EA. E	E5 TYPE 2R TYPE 3R TY A. EA. EA.		Marking	Epoxy E.A.
Ĭ	303 Milwaukee STH 175 0.65	.35 Mi south of US 18 (bridge) to W. STATE	:ST	white & Yellow Edge Line (only)	13728						i										
		Interchanges / or Intersections;				<u> </u>	1	<u>'</u>	1	<u>'</u>	'	*	1	1	'		- '				
_		W. Wells St		<u> </u>																	
		LONG LINE MARKINGS : NA				•				•											
		SPECIAL MARKINGS:																			
			STH 175 (SB) OFF RAMP	,	1000			48						24			1				
			STH 175 (NB) ON RAMP		1200																
		LOCATIONS AT CROSS RD UNDER OR OVERPASS AND TERIMINI AREA:	:																		
		ON: WISCONSIN AVE																			
		LONG LINE MARKINGS : NA	1																		
		SPECIAL MARKINGS: NA																			
		Interchanges / or Intersections;																			
		W. Wisconsin Ave		1																	
		LONG LINE MARKINGS : NA																			
		SPECIAL MARKINGS:	CTLI 17E /CD\ ONI DAMD	REFRESH 8" WHITE CONTRAST TAPE	1000			48		25											
				WITH EPOXY AT WISCONSIN AVE	1000			40		2											
				ON RAMP TO STH 175 (SB) GORE																	
			STH 175 (NB) OFF RAMP		1000			48						24		1	1 1				
		LOCATIONS AT CROSS RD UNDER OR OVERPASS AND TERIMINI AREA: ON:WISC. AVE	:																		
		LONG LINE MARKINGS : NA	1																		
			1																		
		SPECIAL MARKINGS: NA																			
		System Ramps:																			
			(STH 175) N-E SYSTEM RAMP	P 4" (WHITE) LANE LINE & 4" (WHITE /YELLOW), Edge Line & STOP BAR	2500				200					24							
			(emilant) il ili cuerri i a il il						***					•							
			(STH 175) N-W SYSTEM RAMP	4" (WHITE) LANE LINE & 4" (WHITE/YELLOW), Edge Line & STOP BAR	2500				200					24							
			(IH 94) W-N SYSTEM RAMP	P white & Yellow Edge Line	2000																
			(IH94) E-N SYSTEM RAMP	P white & Yellow Edge Line	2000																
				<u> </u>												0 1	1 2	0 0	0		
	303 Milwaukee STH 175 0.65	.35 Mi south of US 18 (bridge) to W. STATE	ST	Totals	26928	0 0	0	0 144	400	25 0	0	0 0 0	0 0	96 0	0 0		4			0 0 0	0

Е SHEET: HWY:VARIOUS COUNTY: VARIOUS PROJECT NO:1000-77-18 MISCELLANEOUS QUANTITIES (FOR INFORMATION ONLY) PLOT DATE: 1/23/2018 PLOT BY :DONALD STEEL PLOT NAME: 030501_mq.pdf PLOT SCALE : 1:1

		Epoxy Pavement Marking - 2018 Var. Hwy (1000-77-18) SE Region Wide	INFORMATION ONLY	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini:	Y Pav. Mrkng Mark Epoxy Groot Skips Contrast (white) Contras	king Line Marking Line nved Wet Grooved Wet Ref I st (white) Contrast Epoxy	Removal Cross Walk Epoxy line Transverse Line Go	MARKING LINE Pav. M EPOXY Epo: ore, Channelizing Contrast (xy Grooved Wet (white) Contrast (white)	Marking Line Grooved Wet Ref Contrast Epoxy	Marking Marking Removal Diagonal line Epoxy	al Removal line Wide	Marking Ma CHEVRONS Yiel Epoxy Ep	rking Marking d line Stop Line looxy Epoxy	Marking Marking Dotted Extras A Epoxy Enfo	16.5420 646.7520 Farking Mrkng Crosso Aerial Epoxy Ladd Orcement Pattern	walk der		646.5020 Marking Arrow Epoxy		646.5220 646.5120 Marking Marking Symbols Word Epoxy Epoxy	Marking Removal Special	Marking Marking Curb Island Nose	Crossings
Ш	SUMMARY Item# County HWY Miles	LOCATION	REMARKS / COMMENTS	4-IN L.F.		4-IN 4- IN L.F. L.F.	4 - IN 6-IN L.F. L.F.	8-IN 8- II L.F. L.F	IN 8-IN F. L.F.	8- IN L.F.	8-IN 12-IN L.F. L.F.	LF.		3-IN 18-IN F. L.F.	18-IN Bar EA.	r Epoxy 24-IN L.F. L.F.	TYPE 1 TYPE 2 EA. EA.	2 TYPE 3 TYPE EA. EA	4 TYPE 5 TYPE 2R T EA. EA.	TYPE 3R TYPE 7R EA. EA.	EA. EA.	Marking EA.	L.F. EA.	Epoxy E.A.
	304 MILW/RAC IH94 15.3	CTH BB (E. RAWSON AVE) TO STH 11 (DURAND AVE)	(SKIP STH 100, CTH K & STH 20 INTERCHANGES) PAINTING VAR. RAMPS & CROSS RD ,(NO MAIN LINE PAINTING)																					
		Interchanges / or Intersections; CTH BB (RAWSON AVE)																						
3		LONG LINE MARKINGS : SPECIAL MARKINGS:			,			,																
		IH 94	(NB) OFF RAMP ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION	2300										40				2 2	1			2		
41		IH 94	(NB) ON RAMP	2800										36					1					
		IH 94	(SB) OFF RAMP ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL	3250										36				6 3				6		
		IH 94	ADD DUAL LEFT DOT PATTERN (2'LINE/6'SPACE) 1(SB) ON RAMP	3000					60					24										
		ON CROSSROAD (UNDER OR OVERPASS) AND APPROACHS TO ON-RAMPS: CTH BB (RAM/SON ANE)	NO WORK ON CROSS ROAD																					
		LONG LINE MARKINGS :	LIMITS: O' IN BOTH DIRECTION, FROM THE CENTER OF THE CROSSING RDWY OR BRIDGE	1600																				
		Interchanges / or Intersections; DREXEL AVE																						
		LONG LINE MARKINGS :																						
		SPECIAL MARKINGS:	(NB) OFF RAMP																					
			I (NB) ON RAMP	3400																				
		Ins	(ND) ON NAMP	3800																				
		IH 94	(SB) OFF RAMP	3400																				
		H94	I (SB) ON RAMP	2600																				
		ON CROSSROAD (UNDER OR OVERPASS) AND APPROACHS TO ON-RAMPS: DREXELAVE	NO WORK ON CROSS ROAD																					
		LONG LINE MARKINGS :	LIMITS: O'IN BOTH DIRECTION, FROM THE CENTER OF THE CROSSING ROWY OR BRIDGE																					
		Interchanges / or Intersections; SKIP STH 100 (RYAN ROAD) INTERCHANGE / UNDERCONSTRUCTION 2017																						
		Interchanges / or Intersections; SOUTH 27TH STREET																						\exists
		LONG LINE MARKINGS :																						
		SPECIAL MARKINGS:	(NB) OFF RAMP ADD (TYPE 4) ARROW NEAR TERMINI GORE PER DETAIL	4600															1					
		IH 94	1(SB) ON RAMP	4000																				
		ON CROSSROAD (UNDER OR OVERPASS) AND APPROACHS TO ON-RAMPS: SOUTH 27TH 3TREET																						
		LONG LINE MARKINGS : SPECIAL MARKINGS:	LIMITS: O' IN BOTH DIRECTION, FROM THE CENTER OF THE CROSSING ROWY OR BRIDGE NA																					
	Item 304 contin	ue on sheet 22 of 28																			QLI	EET: 0	1 OF 28	
卜	PROJECT NO:1000		HWY:VARIOUS		COUNTY:\	/ΔΡΙΟΙ Ις			MISCE		OUS QI	ΙΔΝΤι	TIES			/EOB	INFO	SMVZ.	ON ONL'	ν ₁ Το	SHEET:		<u>1 O1 Z0</u>	E
Ļ	1 100 LOT 110. 1000	111-10	11001.000		COUNTT.	VAINIOUS			IVIIOCE	LLAINE	003 Q	OMNII	ii⊑3			(FUR	· IIALOI	ZIVIALI	ON ONL	') 3	ווכ⊑ו.			15

FILE NAME: N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-18\Final Misc. Quantities

		Epoxy Pavement Marking - 2018 Var. Hwy (1000-77-18) SE Region Wide	INFORMATION ONLY	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skip	SPV.0090.01 646.1040 Pav. Mrkng Marking Line Epoxy Grooved Wet ps Contrast (white) Contrast (white)	Marking Line Marking N Grooved Wet Ref Removal Cross	Marking MARKING LINE	Epoxy Grooved W	ne Marking Line I let Grooved Wet Ref R	Marking Marking Diagonal		Marking Marking Yield line Stop Line Epoxy Epoxy	Marking Mark Dotted Extnsn Aer Epoxy Enforc	5420 646.7520 king Mrkng Crosswalk rial Epoxy Ladder ement Pattern		646.5020 Marking Arrow Epoxy		Marking Markin Symbols Word Epoxy Epoxy	g Marking Ma Removal C	6.8120 646.8220 64 arking Marking Ma Curb Island Nose Rai poxy Epoxy Cro	arking ilroad
	SUMMARY Item# County HWY Miles	LOCATION	REMARKS / COMMENTS	4-IN L.F.	4- IN 4-IN L.F. L.F.		6-IN 8-IN L.F. L.F.	8-IN 8-IN L.F. L.F.		8-IN 12-IN LF. L.F.	24-IN L.F. L.F.	18-IN 18-IN LF. LF.	18-IN Bar E EA. L.		TYPE1 TYPE2 TYPE3 EA. EA. EA.	TYPE 4 TYPE5 TYPE6. EA.	YPE 2R TYPE 3R TYPE Ea. Ea. Ea		Marking EA. L		poxy E.A.
	304 MILW/RAC. IH94 15.3	CTH BB (E. RAWSON AVE) TO STH 11 (DURAND AVE)	(SKIP STH 100, CTH K & STH 20 INTERCHANGES) PAINTING VAR., RAMPS & CROSS RD , (NO MAIN LINE PAINTING)																		
3		Interchanges / or Intersections; 7 MILE RD (RAMP ONLY) LONG LINE MARKINGS:																			
		SPECIAL MARKINGS:	(NB) OFF RAMP ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION) OR AS SHOWN ON DETAIL	3500											1 1	1			1		
		IH 43	(NB) ON RAMP	3500																	
		IH43	(S8) OFF RAMP ADD NEW (TYPE 4) ARROW AT END OF DO NOT PAINT WORD "ONLY" FOR LEFT TURN	3000											2 1				1		
		IH43	SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL (SB) ON RAMP	300																	
		ON CROSSROAD (UNDER OR OVERPASS) AND APPROACHS TO ON-RAMPS: 7 MILE RD	NO CROSS ROAD PAINTING																		
		LONG LINE MARKINGS : SPECIAL MARKINGS:	LIMITS: 0' IN BOTH DIRECTION, FROM THE CENTER OF THE CROSSING ROWY OR BRIDGE NA																		
		Interchanges / or Intersections; CTH G (5 1/2 MILE RD)																			
		LONG LINE MARKINGS : SPECIAL MARKINGS:																			
			(NB) OFF RAMP ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANETRANSTION/ OR AS SHOWN ON DETAIL (NB) ON RAMP	3500 3600			120					24				3					
			(SB) OFF RAMP ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL (SB) ON RAMP	2800 2600			120					24				3					
		ON CROSSROAD (UNDER OR OVERPASS) AND APPROACHS TO ON-RAMPS: CTH G [S 1/2 MILE RD)	NO WORK																		
		LONG LINE MARKINGS : SPECIAL MARKINGS:	LIMITS: 0' IN BOTH DIRECTION, FROM THE CENTER OF THE CROSSING RDWY OR BRIDGE																		
		Interchanges / or Intersections; TRUCK WT. STATION	NO WORK AT THE TRUCK WT STATION																		_
		NOTE: [SKIP BOTH CTH K AND STH 20 INTERCHANGES]																			
		Interchanges / or Intersections; STH 11 (DURAND AVE) LONG LINE MARKINGS:																			
			(NB) OFF RAMP ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL (NB) ON RAMP	4000 1500								24				3					
		IH 43	(SB) OFF RAMP ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSTION/ OR AS SHOWN ON DETAIL	1500								24				3					
		ON CROSSROAD (UNDER OR OVERPASS) AND APPROACHS TO ON-RAMPS:	(SB) ON RAMP	4000																	
		STH 11 (DURAND AVE) LONG LINE MARKINGS:	NO CROSS ROAD PAINTING LIMITS: O' IN BOTH DIRECTION, FROM THE CENTER OF THE CROSSING ROWY OR BRIDGE																		
	304 MILW/RAC. IH94 15.3	SPECIAL MARKINGS: CTH BB (E. RAWSON AVE) TO STH 11 (DURAND AVE)	Totals	68550	0 0	0 0	0 240	60 0	0	0 0	0 0	0 232	0 0	0	0 11 7	16 0 34	0 0 0	0 10	0 0	0 0	0
F													_		IN IRABES		A11.50	SH	EET: 22	2 OF 28	
L	PROJECT NO:100	0-77-18	HWY:VARIOUS	(COUNTY:VAI	RIOUS		MIS	CELLANE	OUS QUA	ANTITIES	S		(FOR	INFORM	ATION O	NLY)	SHEET			E

Var. I	avement Marking - 2018 . Hwy (1000-77-18) SE Region Wide	INFORMATION ONLY		ps Contrast (white) Contrast (white	Marking Line Marking Grooved Wet Ref Contrast Epoxy line	Marking MA Cross Walk Epoxy Transverse Line Gore	646.3020 SPV.0090 ARKING LINE Pav. Mrk EPOXY Epoxy , Channelizing Contrast (w	Marking Line Grooved Wet hite) Contrast (white)	Marking Line M Grooved Wet Ref Re Contrast Epoxy	arking Marking M moval Diagonal R line Epoxy lii	ne Wide Epoxy	Marking Marking Yield line Stop Line Epoxy Epoxy	Epoxy Enforceme	Mrkng Crosswalk Epoxy Ladder nt Pattern	Mar Arı Ep	оху	Marking Marking Symbols Word Epoxy Epoxy	646.9300 646.8120 646.8220 Marking Marking Marking Removal Curb Island Nose Special Epoxy Epoxy
SUMMARY Item# County HWY Miles	S LOCATION	REMARKS / COMMENTS	4-IN L.F.	4- IN 4-IN L.F. L.F.	4- IN 4 - IN L.F. L.F.	6-IN L.F.	8-IN 8- IN L.F. L.F.	8-IN L.F.		8-IN 12-IN L.F. L.F.	24-IN L.F. L.F.	18-IN 18-IN L.F. L.F.	18-IN Bar Epoxy EA. L.F.	24-IN TYP L.F. E/	E 1 TYPE 2 TYPE 3 TYPE 4 . EA. EA. EA.	TYPE 5 TYPE 2R TYPE 3R TYF EA. EA. EA. E	E 7R A. EA. EA.	Marking EA. L.F. EA.
305 MILW. IH 41 5		DO NOT PAINT TAPED LL. OR GORE	21120															
	Interchanges / or Intersections;	UNLESS DIRECTED BY WISDOT STAFF.																
	W BURLEIGH ST																	
	LONG LINE MARKINGS :																	
	SPECIAL MARKINGS: IH 41 (NB) OFF RAMP	ADD (TYPE 4) ARROW AT END OF	1550					40							1	2	3	
		SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL						40							1	2	•	
	IH 41 (NB) ON RAMP		2300															
	IH 41 (SB) OFF RAMP	ADD NEW (TYPE 4) ARROW AT END OF	2200			80									1			
	IH 41 (SB) ON RAMP	SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL	2300			96												
	ON CROSSROAD (UNDER OR OVERPASS) AND APPROACHS TO ON-RAMPS: W BURLEIGH ST																	
	LONG LINE MARKINGS :	LIMITS: 625' IN BOTH DIRECTION, FROM THE	1250															
	SPECIAL MARKINGS:	CENTER OF THE CROSSING RDWY OR BRIDGE																
	IH 41 (NB) ON RAMP	NA																
	IH 41 (SB) ON RAMP	NA NA																
	Interchanges / or Intersections;																	
	STH 190 (W CAPITAL DR)																	
	LONG LINE MARKINGS :																	
	SPECIAL MARKINGS:																_	
	IH 41 (NB) OFF RAMP	ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL	1800				700					40					7	
	IH 41 (NB) ON RAMP		3000															
	IH 41 (SB) OFF RAMP	ADD NEW (TYPE 4) ARROW AT END OF	2800			24												
	IH 41 (SB) ON RAMP	SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL	1800															
	ON CROSSROAD (UNDER OR OVERPASS) AND APPROACHS TO ON-RAMPS: STH 190 (W CAPITAL DR)	LIMITS: 0' IN BOTH DIRECTION, FROM THE																
		CENTER OF THE CROSSING RDWY OR BRIDGE																
	Interchanges / or Intersections; CTH EE (W HAMPTON AVE)																	
	LONG LINE MARKINGS :																	
	SPECIAL MARKINGS: IH 41 (NB) OFF RAMP	ADD NEW (TYPE 4) ARROW AT 650' FROM	2100			72	150					36			4 2 2		4	
	IH 41 (NB) ON RAMP	STOP BAR	3000			72	220					36					4	
	IH 41 (SB) OFF RAMP	ADD NEW (TYPE 4) ARROW AT 450' FROM STOP BAR	2300			72	160								1 1 3		4 1	
	IH 41 (SB) ON RAMP	SIOF DAN	1600				400					12						
	ON CROSSROAD (UNDER OR OVERPASS) AND APPROACHS TO ON-RAMPS: CTH EE (W HAMPTON AVE)																	
	LONG LINE MARKINGS :	LIMITS: 550' IN BOTH DIRECTION, FROM THE	2200															
	SPECIAL MARKINGS:	CENTER OF THE CROSSING RDWY OR BRIDGE																
	IH 41 (NB) ON RAMP						400					40			2		2	
	IH 41 (NB) UN KAMP			•			300					40			2		2	
	IH 41 (58) ON RAMP						300					40			۲			
05 continue on s	sheet 24 of 28																SHEE	T: 23 OF 28
CT NO:1000-77-18		VY:VARIOUS		COUNTY:	/ARIOUS			MISCE	ELLANEO	LIS OLIAN	ITITIES		(FC	R INFO	RMATION	ONI VI	SHEET:	

FILE NAME : N:\SPO\Operations\Pavement
Marking\Miscellaneous Quantities\1000-77-18\Final
Misc. Quantities

Г	Epoxy Pavement Marking - 2018	INFORMATION ONLY	646.1020	SPV.0090.01 646.10	40 646.1545	646.9000	646.7420 6	46.3020	SPV.0090.02	646.3040 6	646.3545	646 9100 646 7	7120 646 9200	646 7720	646.6220 646.6120	646 6320	646 5420	646.7520		646.5020	646	220 646 5120	646 9300 646 81	120 646.8220 646.5320
	Var. Hwy (1000-77-18)	THE OTHER CHEE	MARKING LINE EPOXY	Pav. Mrkng Marking	Line Marking Line	Marking 1	Marking MAF	RKING LINE	Pav. Mrkng M	larking Line Ma	arking Line	Marking Mark	ring Marking	Marking	Marking Marking	Marking	Marking Mrk	ng Crosswalk		Marking	Mar	ing Marking	Marking Marki	ng Marking Marking
	SE Region Wide		MAIN LINE Lane line, Edge line, Mini Skips		Wet Grooved Wet Re			EPOXY Channelizing Co		rooved Wet Groot strast (white) Con	ved Wet Ref trast Epoxy	Removal Diago line Epo		CHEVRONS Epoxy	field line Stop Line Epoxy Epoxy			oxy Ladder Pattern		Arrow Epoxy	Sym		Removal Curb Special Epox	b Island Nose Railroad ry Epoxy Crossings
	SUMMARY	STATE OF A POST OF THE STATE OF	4-IN	4- IN 4-IN	4- IN	4 - IN	6-IN	8-IN	8- IN	8-IN	8- IN	8-IN 12-	IN	24-IN	18-IN 18-IN	18-IN	Bar Epoxy		E1 TYPE2 TYPE3 TYP	E 4 TYPE 5 TYPE 2R TYF	1		Marking	Ероху
		REMARKS / COMMENTS	Lf.	LF. LF.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	LF.	L.F. L.F	F. L.F.	L.F.	L.F. L.F.	EA.	LF.	L.F. E/	A. EA. EA. EA	A. EA. EA. E	A. EA. E	. EA.	EA. L.F.	EA. E.A.
	W SILVER SPRING DR	-																						
	LONG LINE MARKINGS:																							
3	SPECIAL MARKINGS: IH 41 (NB) OFF RAME	ADD NEW (TYPE 4) ARROW AT END OF	2600				96	600	40						:	36			4 2	1		4		
1		SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL REFREST 2 (8" DUAL LEFT TURN ,2' LINE,6'SPACE)																						
4	IH 41 (NB) ON RAMF		2200				72	450							\$	36						4		
	IH 41 (SB) OFF RAME	ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL	2200				72	450	40						;	36			6 3	1		6		
	IH 41 (5B) ON RAME	REFRESH 8" DUAL LEFT TURN ,2' LINE,6'SPACE	3000				72	100							;	36						9		
	2(3) 0		3555				,,	100														•		
	ON CROSSROAD (UNDER OR OVERPASS) AND APPROACHS TO ON-RAMPS: W SILVER SPRING DR																							
	LONG LINE MARKINGS :	LIMITS: 400' IN BOTH DIRECTION, FROM THE	1500																					
	SPECIAL MARKINGS:	CENTER OF THE CROSSING RDWY OR BRIDGE ONLY IF NEEDED AND APPROVE BY WISDOT STAFF																						
	VARIOUS RAMPS (STH 175 /W APPLETON AVE)																							
	LONG LINE MARKINGS:																							
	IH 41 (NB) OFF RAMP TO 5TH 175 (NB		3400																					
	FROM STH 175 (SB) TO IH 41 (NB) ON RAME		1800												2	24								
	IH 41 (SB) OFF RAMP TO STH 175 (SB		3000																					
	FROM STH 175 (NB) TO IH 41(NB) ON RAM	p	1600																					
	Interchange / or Intercetions																							
	Interchanges / or Intersections; W GOOD HOPE RD	DO NOT PAINT RAMP EDGE LINES (DONE 2017)																						
	LONG LINE MARKINGS:	BO NOTE ANT INAIME EDGE LINES (DONE 2017)																						
	SPECIAL MARKINGS: IH 41 (NB) OFF RAME	ADD NEW (TYPE 4) ARROW AT END OF													:	15			1	1				
	IH 41 (NB) ON RAME	SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL						100							:	36						4		
	IH 41 (SB) OFF RAME	ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL						150								24			1 1	1		1		
	IH41 (SB) ON RAMP (I) A				450										24						4		
	IH 41 (SB) ON RAMP (2 On Crossroad (under or overpass) and approachs to on-ramps: W Good Hope RD	9				150									:	30						4		
	LONG LINE MARKINGS:	LIMITS: 600' IN BOTH DIRECTION, FROM THE																						
		CENTER OF THE CROSSING RDWY OR BRIDGE PAINT: LANE LINE, EDGE LINE & CHAN.	4800					1600																
	SPECIAL MARKINGS:																		_					
	IH 41 (NB) ON RAME							240											2			2		
	IH41(SB) ON RAMP (3	7						240														3		
	305 MILW. IH 41 5 W BURLEIGH ST TO W GOOD HOPE RD INTER.	Totals	77420	0 0	0	150	728	6260	120	0	0	0 1) Ո	0	12 495	0	0		0 22 10 1	11 2 0		2 27	0 0	0 0
L	אוויון ער ארווי ווייניוט איז ער ניוט איז ער איז	I IUIGIS	177420	. • . 0	1 0	130	720	VEUU	160	·	•	v I (, 0	ı v	16 473	U		v		70		SHE	ET: 24	OF 28

HWY:VARIOUS

PROJECT NO:1000-77-18

COUNTY: VARIOUS

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	Var. H	ement Marking - 2018 wy (1000-77-18) : Region Wide	INFORMATION ONLY		SPV.0090.01 646.1040 Pav. Mrkng Marking Lir Epoxy Grooved W Contrast (white) Contrast (white)	ne Marking Line Mar /et Grooved Wet Ref Rem iite) Contrast Epoxy lii	noval Cross Walk Epoxy ne Transverse Line (MARKING LINE Par EPOXY Sore, Channelizing Contr		ne Marking Line /et Grooved Wet Ref nite) Contrast Epoxy	line Epox	cing Marking onal Removal oxy line Wide	Epoxy Epox	ng Marking Marking ne Stop Line Dotted Ext y Epoxy Epoxy	g Marking Mrkng Cros nsn Aerial Epoxy Lac Enforcement Patter	sswalk dder rn	646.5020 Marking Arrow Epoxy YPE 3 TYPE 4 TYPE 5 TYF		646.5220 646.5120 Marking Marking Symbols Word Epoxy Epoxy	Marking Marking Removal Curb Isl Special Epoxy	646.8220 646.5320 Marking Marking sland Nose Railroad Epoxy Crossings
	Item# County HWY Miles	LOCATION	REMARKS / COMMENTS	4-IN L.F.	4- IN 4-IN L.F. L.F.	4- IN 4 - L.F. L	- IN 6-IN .F. L.F.	8-IN L.F.	8- IN 8- IN L.F. L.F.	8- IN L.F.	8-IN 12-I L.F. L.F		24-IN 18-IN L.F. L.F.	I 18-IN 18-IN L.F. EA.	Bar Epoxy 24-IN L.F. L.F.		EA. EA. EA. E	PE ZR TYPE 3R TYPE 7R EA. EA. EA.	EA. EA.	Marking EA. L.F.	Epoxy EA. E.A.
	306 MILW IH 43/894 2.3	CTH U (S. 76TH ST.) TO .25 MI N OF STH 36 (W. LOOMIS RD)	EDGE LINES & 8" DOT PATTERNS TO BE PAINTED	44352																	
		SB TRAFFIC ON IH 43 (MAIN LINE) BEGIN AT: NB TRAFFIC ON IH 43 (MAIN LINE) BEGIN AT:	8"GORES & LANE LINE TAPE , REFRESH ONLY IF NEEDED PAINT ALL WHITE EPOXY 8" GORES 76 TH ST BRIDGE 1700 W OF 76TH ST BRIDGE					6000													
1		Interchanges / or Intersections; CTH U (S 76TH ST)																			
		LONG LINE MARKINGS :																			
3		SPECIAL MARKINGS: IH 43 (NB) ON RAMP		1500			120		475					36					3		
		IH 43 (SB) OFF RAMP	ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL	1800			96	200	50					48		4			4		
		LOCATIONS AT CROSS RD UNDER OR OVERPASS AND APPROACHS TO ON-RAMPS: CTH U (S 76TH ST)																			
		LONG LINE MARKINGS : SPECIAL MARKINGS:	LIMITS: 325' IN BOTH DIRECTION, FROM THE CENTER OF THE CROSSING RDWY OR BRIDGE	3000																	
		IH 43 (NB) ON RAMP						180											3		
		Interchanges / or Intersections; 60TH ST			50																
		LONG LINE MARKINGS : SPECIAL MARKINGS:																			
		IH 43 (NB) OFF RAMP	ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL	2000 2000			90	150 340						27		2	1 1		3		
		IH 43 (SB) OFF RAMP	ADD NEW (TYPE 4) ARROW AT END OF	2400			90	150						27		2	1 1		1		
		IH43 (SB) ON RAMP	SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL	2100			90	340						24					3		
		LOCATIONS AT CROSS RD UNDER OR OVERPASS AND APPROACHS TO ON-RAMPS: 60TH ST																			
		LONG LINE MARKINGS : SPECIAL MARKINGS:	LIMITS: 275' IN BOTH DIRECTION, FROM THE CENTER OF THE CROSSING RDWY OR BRIDGE LL. ONLY	250																	
		IH 43 (NB) ON RAMP IH 43 (SB) ON RAMP						75 75													
		Interchanges / or Intersections;						75													
		STH 36 (W LOOMIS RD) LONG LINE MARKINGS:																			
		SPECIAL MARKINGS: IH 43 (NB) OFF RAMP	ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL ADD DUAL LEFT DOT PATTERN (2'LINE/ 6'SPACE)	2000				500	50					36		4	2 1		4		
		IH 43 (NB) ON RAMP	,	2200				275	-					24					3		
		IH 43 (SB) OFF RAMP IH 43 (SB) ON RAMP	ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL	2000 3200			60							28 24		1	1		1		
		IH43 (NB) ON RAMP		1800																	
		LOCATIONS AT CROSS RD UNDER OR OVERPASS AND APPROACHS TO ON-RAMPS: STH 36 (W LOOMIS RD)																			
		LONG LINE MARKINGS : SPECIAL MARKINGS:	LIMITS: 800' IN BOTH DIRECTION, FROM THE CENTER OF THE CROSSING RDWY OR BRIDGE	3400																	
		IH 43 (NB) ON RAMP						225						65		4			4		
		IH 43 (SB) ON RAMP						225								4			4		
	306 MILW IH 43/ 894 2.3	CTH U (S. 76TH ST.) TO .25 MI N OF STH 36 (W. LOOMIS RD)	Totals	74002	50 0	0	0 636	8735	575 0	0	0 0	0	0 0	363 0	0 0	0 21	4 4 0 29			□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	

FILE NAME: N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-18\Final Misc. Quantities

HWY:VARIOUS

PROJECT NO:1000-77-18

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Epoxy Pave Var. HI SE SUMMARY Item# County HWY Miles	ement Marking - 2018 wy (1000-77-18) Region Wide	INFORMATION ONLY REMARKS / COMMENTS	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skip 4-IN L.F.	SPV.0090.01 646.1040 Pav. Mrkng Marking Lir Epoxy Grooved W 4-IN 4-IN L.F. LF.	ne Marking Line let Grooved Wet Ref	646.9000 646.7420 Marking Marking Removal Cross Walk Epox: Iline Transverse Line 6-IN L.F. L.F.	MARKING LINE Page 1 September 1 September 1 September 2 September	V.0090.02 646.3040 av. Mrkng Marking Line Epoxy Grooved Wet trast (white) 8-IN 8-IN L.F. L.F.	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8- IN L.F.	646.9100 646.7120 646.9200 Marking Marking Marking Memoval line Epoxy line Wide 8-IN 12-IN LF. LF. LF. LF.	Marking Marking Ma CHEVRONS Yield line Sto Epoxy Epoxy Ep 24-IN 18-IN 1:	.6.6120 646.6320 646.57 rking Marking Marki p Line Dotted Extnsn Aeri Doxy Epoxy Enforce 8-IN 18-IN Bar Ep LF. EA. LF.	ing Mrkng Crosswalk al Epoxy Ladder ment Pattern ioxy 24-IN TYPE 1	646.5020 Marking Arrow Epoxy YPE 2 TYPE 3 TYPE 4 TYPE 5 TYP EA. EA. EA. EA. E.	Marki Symb Epox E 2R TYPE 3R TYPE 7R	ols Word Removal	Marking Marking M Curb Island Nose Ra
	N LAPHAM ST TO .5 MI. EAST OF CTH P (SAWYER RD-SOUTH) BRIDGE		71080				1 1					112				1 1	
307 WAUK 311110 3.3	IN DAFINAWISH TO JOININ EAST OF CHIP (SAWIER RO-SOUTH) BRIDGE		71080									112					
	Intersections TO Interchange;																
	N LAPHAM ST TO FRONTAGE RD ENT.																
	LONG LINE MARKINGS :		1850														
	SPECIAL MARKINGS:						70					24	1	7		2	
	Interchanges / or Intersections; FRONTAGE RD ENT. / STH 67																
	LONG LINE MARKINGS :																
	SPECIAL MARKINGS:																
		ADD NEW DOT-PATTERN (2'LINE,6'SPACE)8" CONTRAST					230	F0				50		2 2 1		1	
		8" WHITE EPOXY GORE ADD NEW (TYPE 4) ARROW AT END OF						50									
	ON RAMP TO STH 67 (BYPASS-NB)		3000														
	Interchanges / or Intersections;	8" WHITE EPOXY GORE					80										
	E WISCONSIN AVE ENT. / STH 67																
	LONG LINE MARKINGS :																
	SPECIAL MARKINGS: ON RAMP TO STH 67 (BYPASS-NB)	PAINT 4" FOGE LINE ON RAMP	4000														
	OFF RAMP FROM STH 67 (NB)	8" WHITE EPOXY GORE	4000				200 200	50				50		2 2 1		1	
	OFF KAMP FROM SIH 6/ (NB)	SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL					160	50				50		2 2 1		1	
		8" WHITE EPOXY GORE ADD NEW DOT-PATTERN (2'LINE,6'SPACE)8" CONTRAST					160										
	Interchanges / or Intersections;																
	CTH P NORTH (BROWN ST)																
	LONG LINE MARKINGS :																
	SPECIAL MARKINGS: STH 16 (SB) OFF RAMP		2600														
	STH 16 (SB) ON RAMP		3000														
	3.1.20(33) 3.1.11112		5555														
	STH 16 (NB) OFF RAMP		2600														
	STH 16 (NB) ON RAMP		2800														
	LOCATIONS AT CROSS RD UNDER OR OVERPASS AND APPROACHS TO ON-RAMPS: CTH P NORTH (BROWN ST)																
	LONG LINE MARKINGS :	LIMITS: 250' IN BOTH DIRECTION, FROM THE	500														
	SPECIAL MARKINGS:	CENTER OF THE CROSSING RDWY OR BRIDGE NO SPECIAL MARKINGS															
	Interchanges / or Intersections; CTH P SOUTH (SAWYER RD)						`										
	LONG LINE MARKINGS :																
	SPECIAL MARKINGS:																
	STH 16 (SB) OFF RAMP	ADD NEW (TYPE 4) ARROW AT END OF SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL	3200														
	STH 16 (SB) ON RAMP		3600														
	STH 16 (NB) OFF RAMP	ADD NEW (TYPE 4) ARROW AT END OF	3000														
	STH 16 (NB) OF FRANCE	SINGLE LANE TRANSITION/ OR AS SHOWN ON DETAIL															
	SIT 10 (NO) UN KAMP		3300														
	LOCATIONS AT CROSS RD UNDER OR OVERPASS AND APPROACHS TO ON-RAMPS:																
	CTH P SOUTH (SAWYER RD)	14 ATT 200 V															
	LONG LINE MARKINGS :	LIMITS: 300' IN BOTH DIRECTION, FROM THE CENTER OF THE CROSSING RDWY OR BRIDGE	2400														
	SPECIAL MARKINGS:																
	STH 16 (SB) ON RAMP						150					40					
	STH 16 (NB) ON RAMP						150					40					
													1	11 4 2 0 (
307 WAUK STH 16 3.3	N LAPHAM ST TO .5 MI. EAST OF CTH P (SAWYER RD-SOUTH) BRIDGE	Totals	106930	0 0	0	0 0	1240	100 0	0	0 0 0	0 0 :	0 0	0	18		4 0	0 0

HWY:VARIOUS

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FILE NAME : N:\SPO\Operations\Pavement Marking\Miscellaneous Quantities\1000-77-18\Final Misc. Quantities

PROJECT NO:1000-77-18

COUNTY: VARIOUS

Epoxy Pavement Marking - 2018 Var. Hwy (1000-77-18) SE Region Wide	INFORMATION ONLY	646.1020 MARKING LINE EPOXY MAIN LINE Lane line, Edge line, Mini Skij 4-IN	Pav. Mrkng M Epoxy G	Marking Line M Grooved Wet Groo ontrast (white) Cor 4-IN	ntrast Epoxy line 4- IN 4-	king Marking oval Cross Walk Epoxy ie Transverse Line IN 6-IN	Gore, Channelizing 8-IN	Pav. Mrkng Epoxy g Contrast (white) Co 8- IN	Marking Line Grooved Wet Gr ontrast (white) C 8-IN	Marking Line rooved Wet Ref Contrast Epoxy 8- IN	Marking Marking Removal Diagona line Epoxy 8-IN 12-IN	Marking Removal line Wide	CHEVRONS Yield Epoxy Ep 24-IN 18	king Marking Uline Stop Line I DXY Epoxy UN 18-IN	Marking M Dotted Extnsn A Epoxy Enfo 18-IN Bal	6.5420 646.75 Arking Mrkng Croerial Epoxy Latrement Patte Epoxy 24-II LF. LF.	osswalk adder orn N TYPE 1 TYPE 2 T	646.5020 Marking Arrow Epoxy TYPE 3 TYPE 4 TYPE 5 EA. EA. EA.			ring Marking rd Removal xy Special Marking	Marking Marking Ma Curb Island Nose Rail Epoxy Epoxy Cro. Ep
Item# County HWY Miles LOCATION	REMARKS / COMMENTS	Lf.	L.f.	L.F.	L.F. L.F	F. L.F.	L.F.	Lf.	LF.	LF.	L.F. L.F.	Lf.	LF. L	r. Lr.	EA.	LF. LF.	ta. ta.	EA. EA. EA.	EA. EA. EA	A. EA. E/	A. EA.	L.F. EA. E
308 WAUK IH43 4.25 .6 MILE W OF CTHO (S. MOORLAND RD) TO .35 MI E. OF STH 100 (108TH ST.)	EDGE LILNE MARKINGS ONLY	89896																				
Interchanges / or Intersections; CTH O (W. MOORLAND RD)																						
LONG LINE MARKINGS :																						
IH 43 (SB) OFF RAMP	EDGE LINE MARKINGS	1000																				
IH 43 (NB) OFF RAMP	EDGE LINE MARKINGS	3000																				
SPECIAL MARKINGS:	NO SPECIAL MARKINGS																					
Interchanges / or Intersections; SO. 124TH ST.																						
LONG LINE MARKINGS :																						
IH 43 (SB) OFF RAMP	EDGE LINE MARKINGS	4000																				
SPECIAL MARKINGS:	NO SPECIAL MARKINGS																					
Interchanges / or Intersections; STH 100 (S.108TH ST.)																						
LONG LINE MARKINGS :																						
IH 43 (NB) ON RAMP	EDGE LINE MARKINGS	4000																				
SPECIAL MARKINGS:	NO SPECIAL MARKINGS																0 0	0 0 0	0 0 0	1		
308 WAUK IH 43 4.25 .6 MILE W OF CTH O (S. MOORLAND RD) TO .35 MI E. OF STH 100 (108THST.)	Totals	101896	0	0	0 0) 0	0	0	0	0	0 0	0	0	0	0	0 0		0 0 0	U U (0	0 0

SHEET: 27 OF 28

Е SHEET: HWY:VARIOUS COUNTY: VARIOUS PROJECT NO:1000-77-18 MISCELLANEOUS QUANTITIES (FOR INFORMATION ONLY) PLOT BY :DONALD STEEL

INFORMATIO	ON ON	ILY								
	646.5020									
Epoxy Pavement Marking - 2018				Mar	king					
Var. Hwy (1000-77-18)				Arı	ow					
SE Region Wide	Ероху									
	TYPE 1	TYPE 2	TYPE 3	TYPE 4	TYPE 5	TYPE 2R	TYPE 3R	TYPE 7R		
	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.		
		_	_							
MILTI-LANE	4	723	31	0	3	0	0	0		
				7	61	_		_		
FREEWAY & EXPRESS WAYS	13	151	47	54	2	0	0	2		
				2	69	_				
UNDISTRIBUTED	29	72	50	20	20	20	20	20		
				2	51					
TOTAL	•			12	281					

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PROJECT NO:1000-77-18 HWY:VARIOUS COUNTY:VARIOUS MISCELLANEOUS QUANTITIES (FOR INFORMATION ONLY) SHEET: E

Standard Detail Drawing List

BARRICADES AND SIGNS FOR MAINLINE CLOSURES
PAVEMENT MARKING SYMBOLS
PAVEMENT MARKING WORDS
PAVEMENT MARKING ARROWS
ROUNDABOUT ARROWS
LONGI TUDI NAL MARKI NG (MAI NLI NE)
PAVEMENT MARKING (TURN LANES)
SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS
MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
·· ··· ··· ··· ···
PAVEMENT MARKING MAJOR SPLIT FREEWAY TO FREEWAY
PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP
STOP LINE AND CROSSWALK PAVEMENT MARKING
PAVEMENT MARKING (INTERSECTIONS)
TRAFFIC CONTROL, EXIT RAMP CLOSURE
TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
TRAFFIC CONTROL, 2-LANE ROUNDABOUT

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E LANE CLOSURE BARRICADE DETAIL APPROACH VIEW

SEE SDD 15C2-SHEET "a" FOR LEGEND

GENERAL NOTES

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

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.

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.

BARRICADES 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.

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE

THE R11-2, R11-3, M4-9, R11-4 AND R10-61 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE 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, 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". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.) M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.) MO5-1 AND MO6-1 SHALL BE 21" X 21". (30" X 30" 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 LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT
- THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.
- FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.
- FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.
- FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.
- INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS. PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.
- "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

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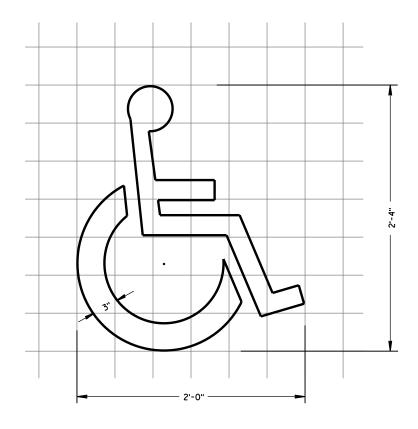
Ω

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

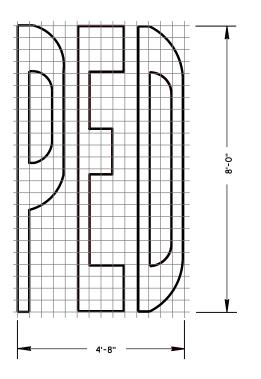
/S/ Peter Amakobe Atepe

STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

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

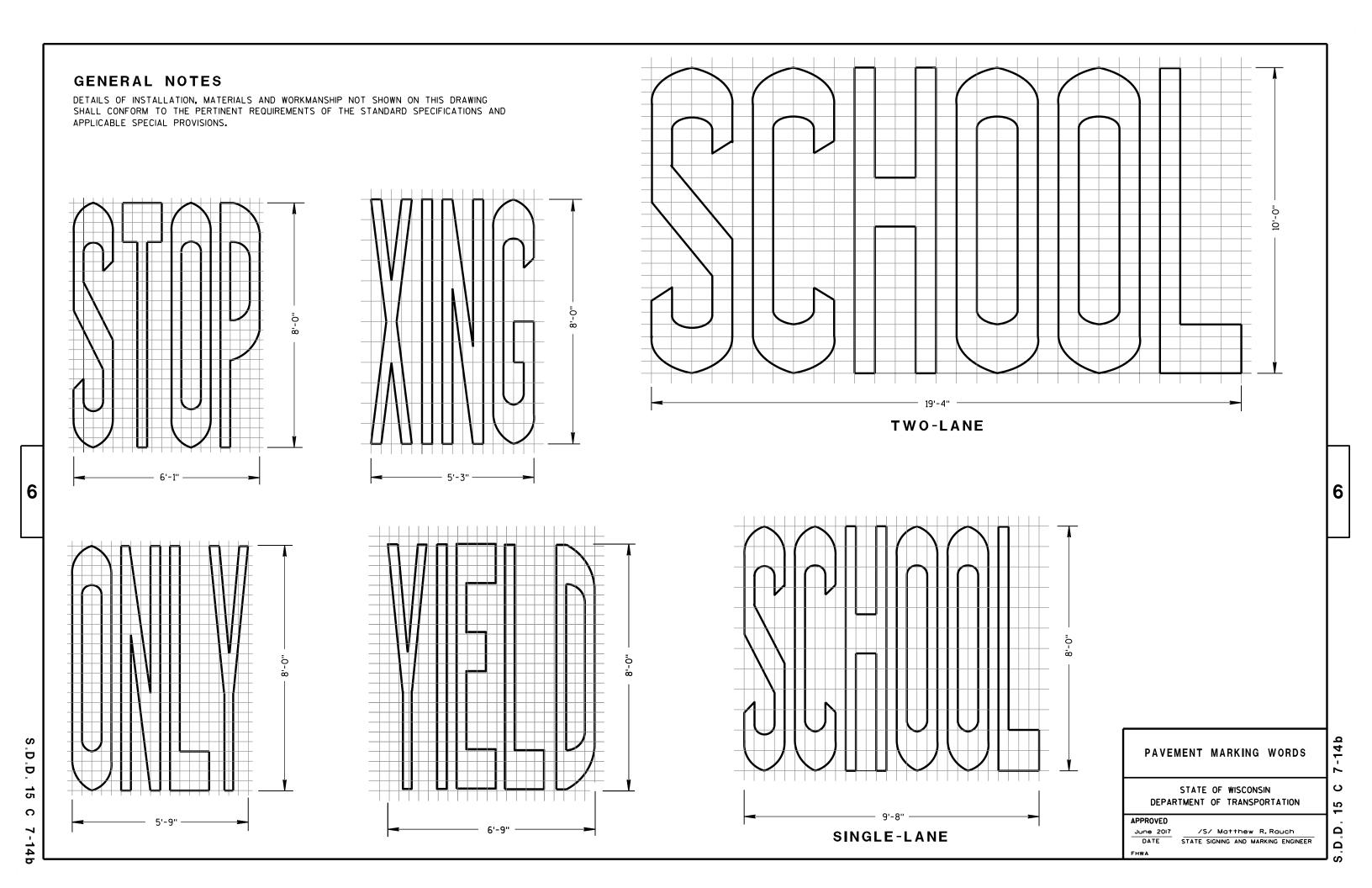
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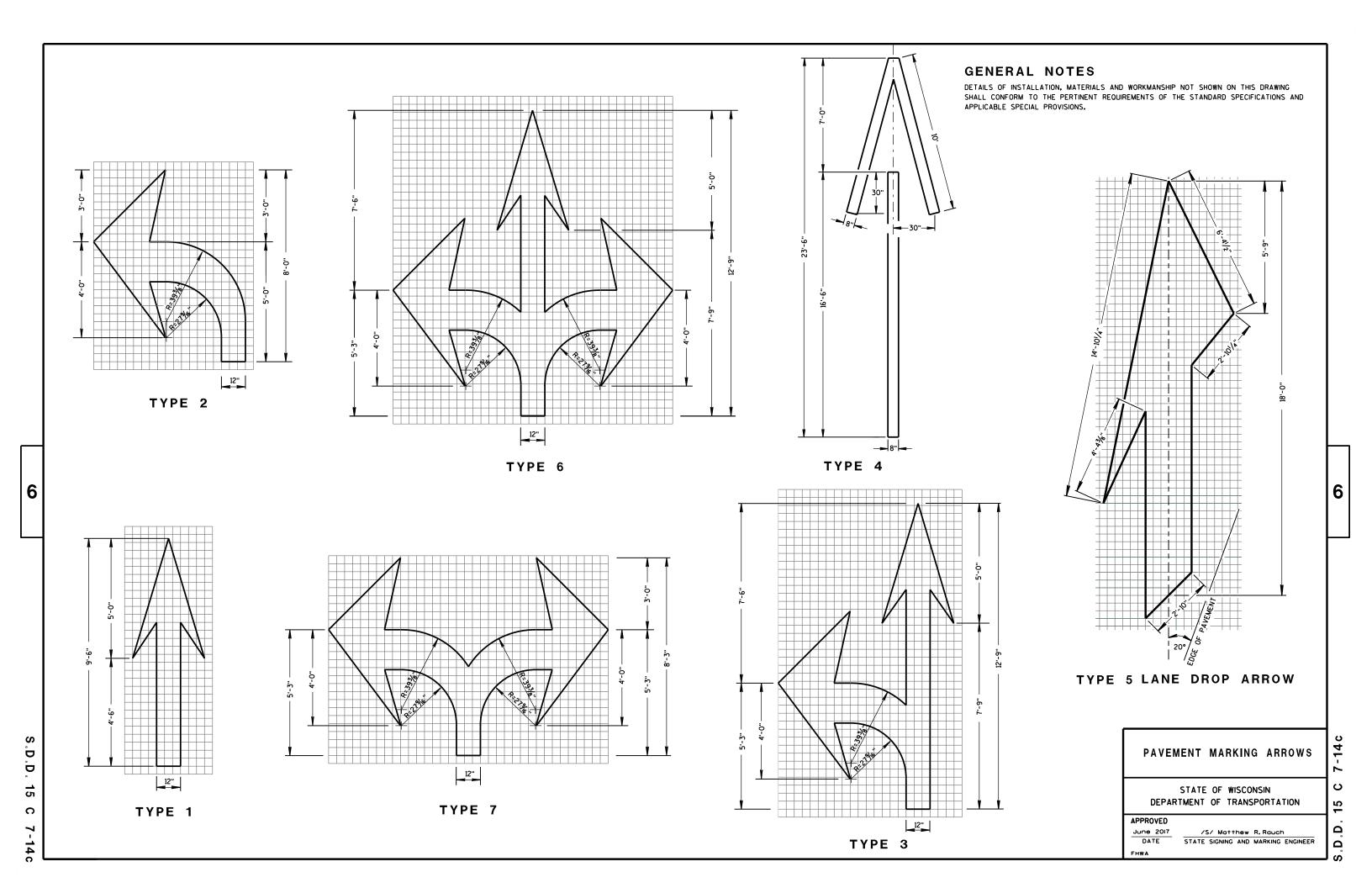
June 2017
DATE

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

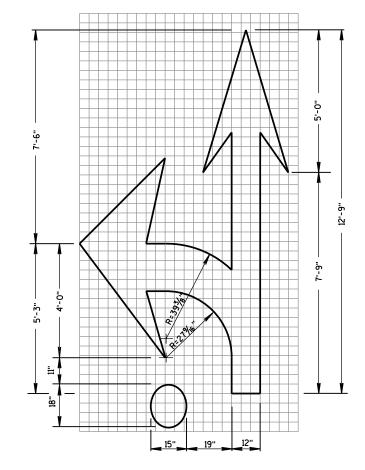
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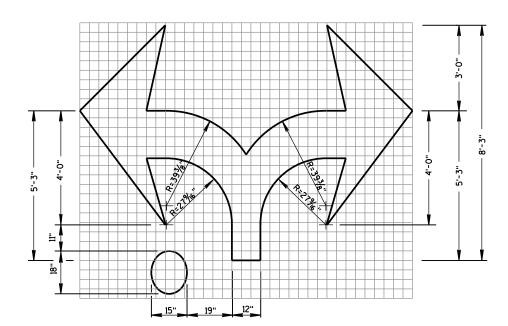




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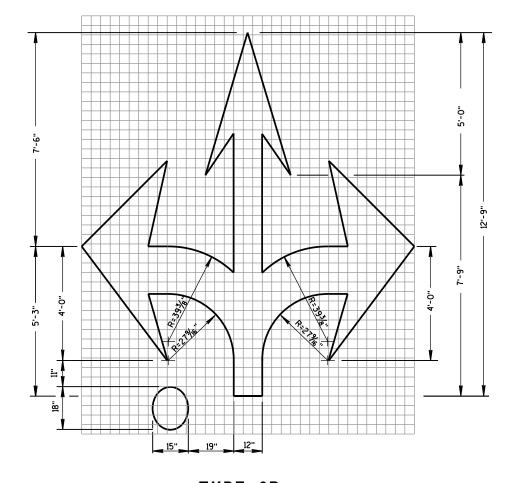
TYPE 3R



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

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DEPARTMENT OF TRANSPORTATION

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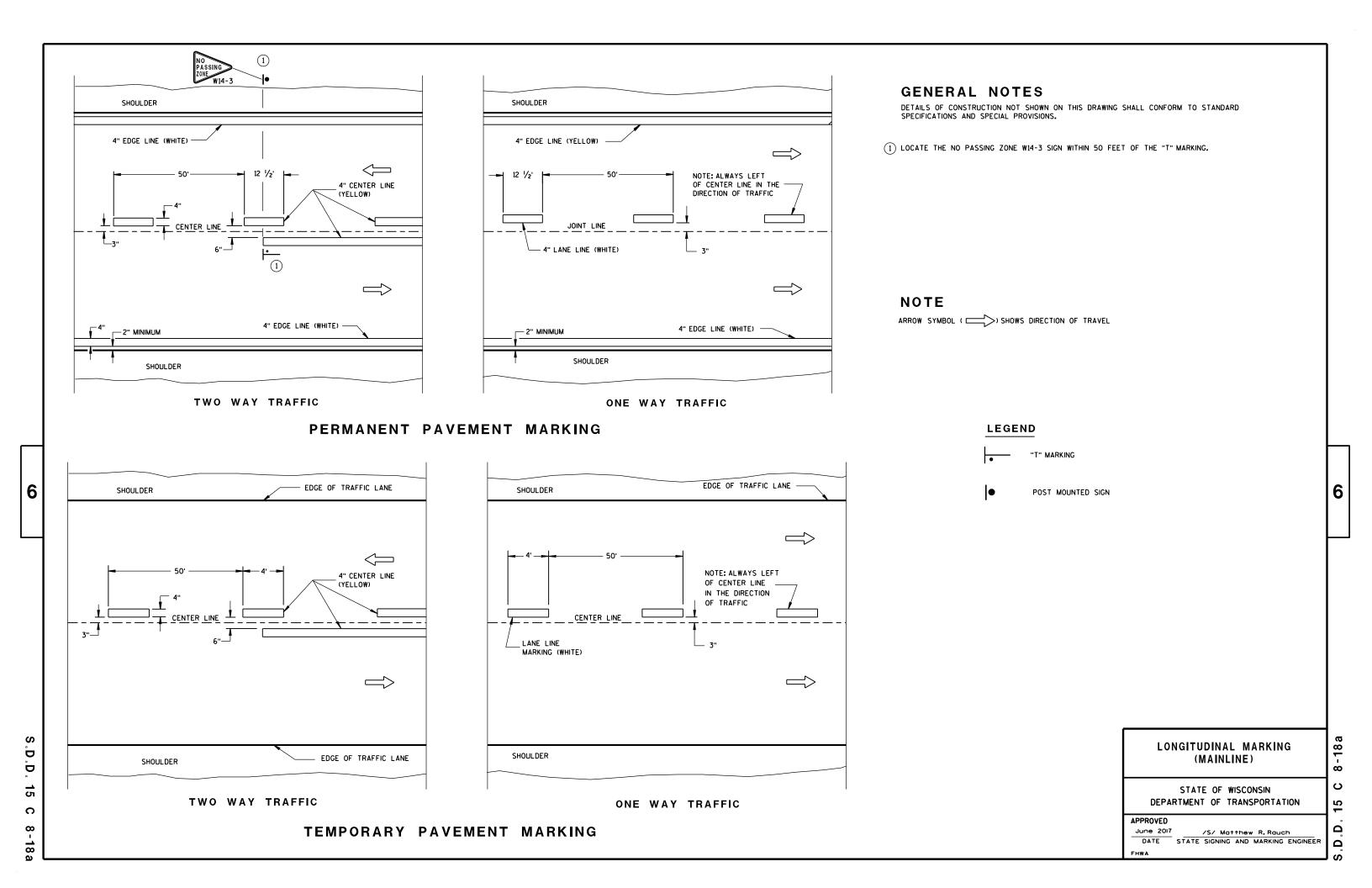
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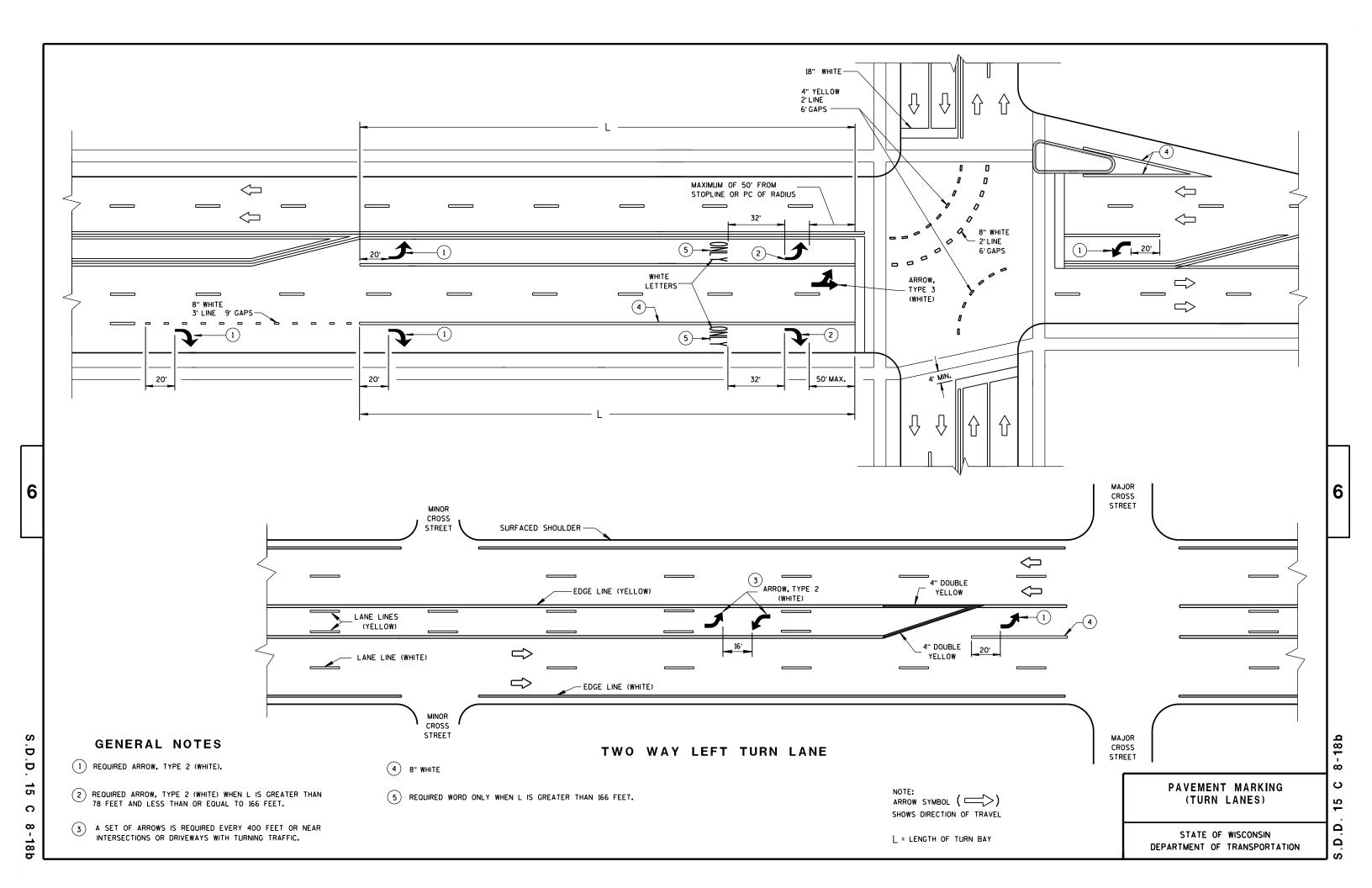
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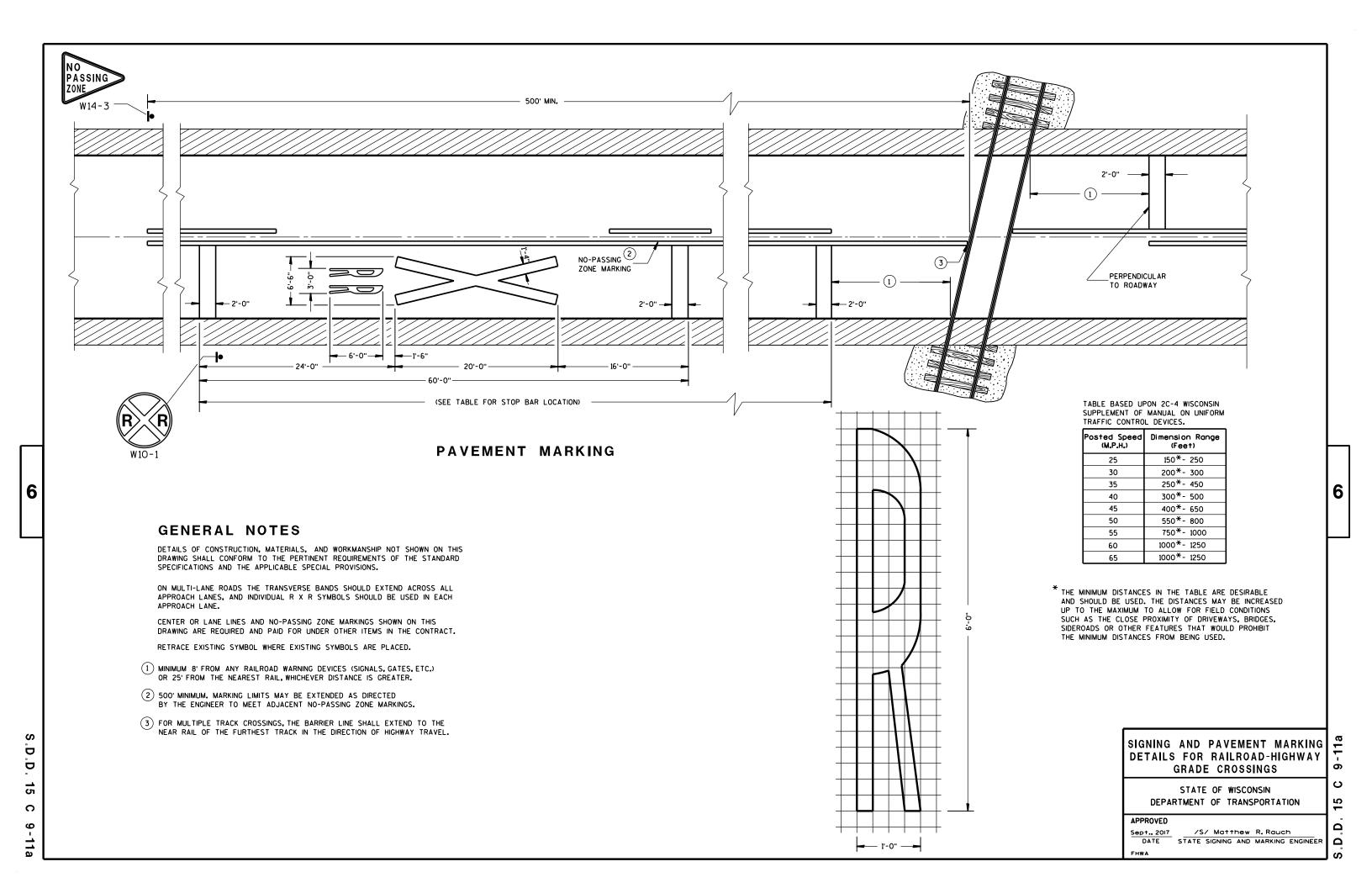
JUNE 2017
DATE
STATE SIGNING AND MARKING ENGINEER
FHWA

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TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STOP/SLOW PADDLE ON SUPPORT STAFF

5' MIN.

WORK

AHEAD

48" X 24"

END ROAD WORK G20-2A

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W20-1A

GENERAL NOTES

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.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE 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 QUEUE.

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

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.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS. PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

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

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 RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

* UTILIZE TEMPORARY RUMBLE STRIPS WHEN FLAGGING OPERATION IS ANTICIPATED TO BE STATIONARY IN EXCESS OF TWO HOURS.

- 1) FOR A MOVING WORK OPERATION, SIGNING AND TEMPORARY RUMBLE STRIPS (IF USED) SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3,500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.
- SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.
- EACH TEMPORARY RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

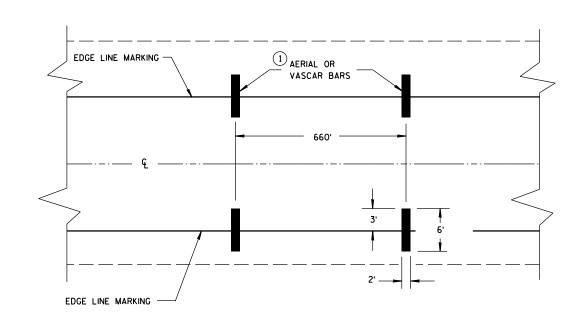
TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

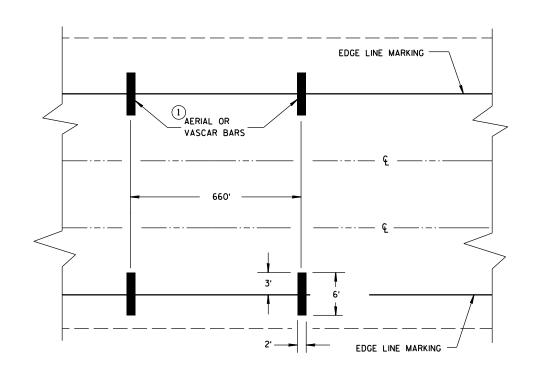
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED	
June 2017	/S/ Andrew Heidtke
DATE	WORK ZONE ENGINEER
FHWA	

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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
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June 2017
DATE

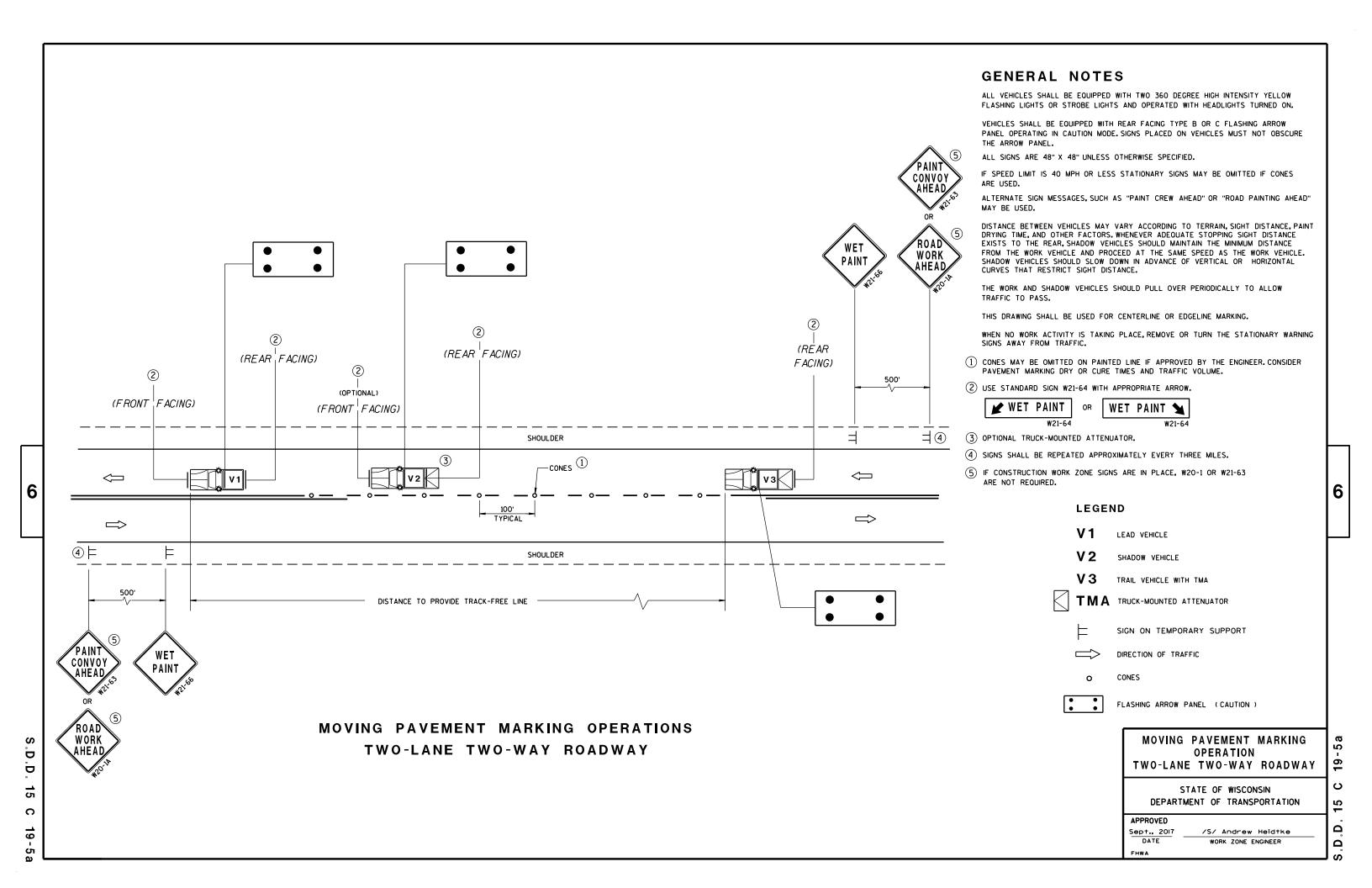
/S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER

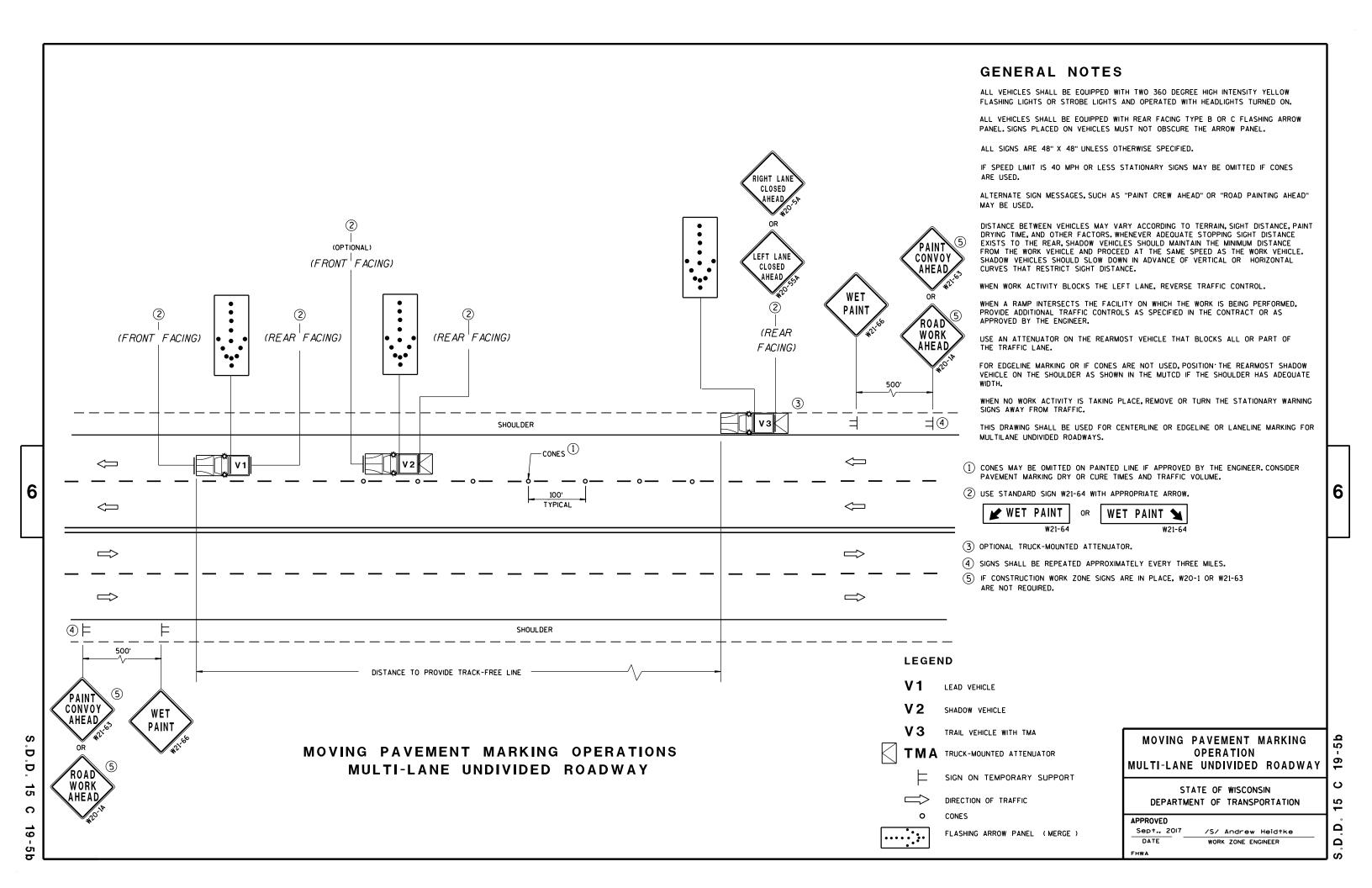
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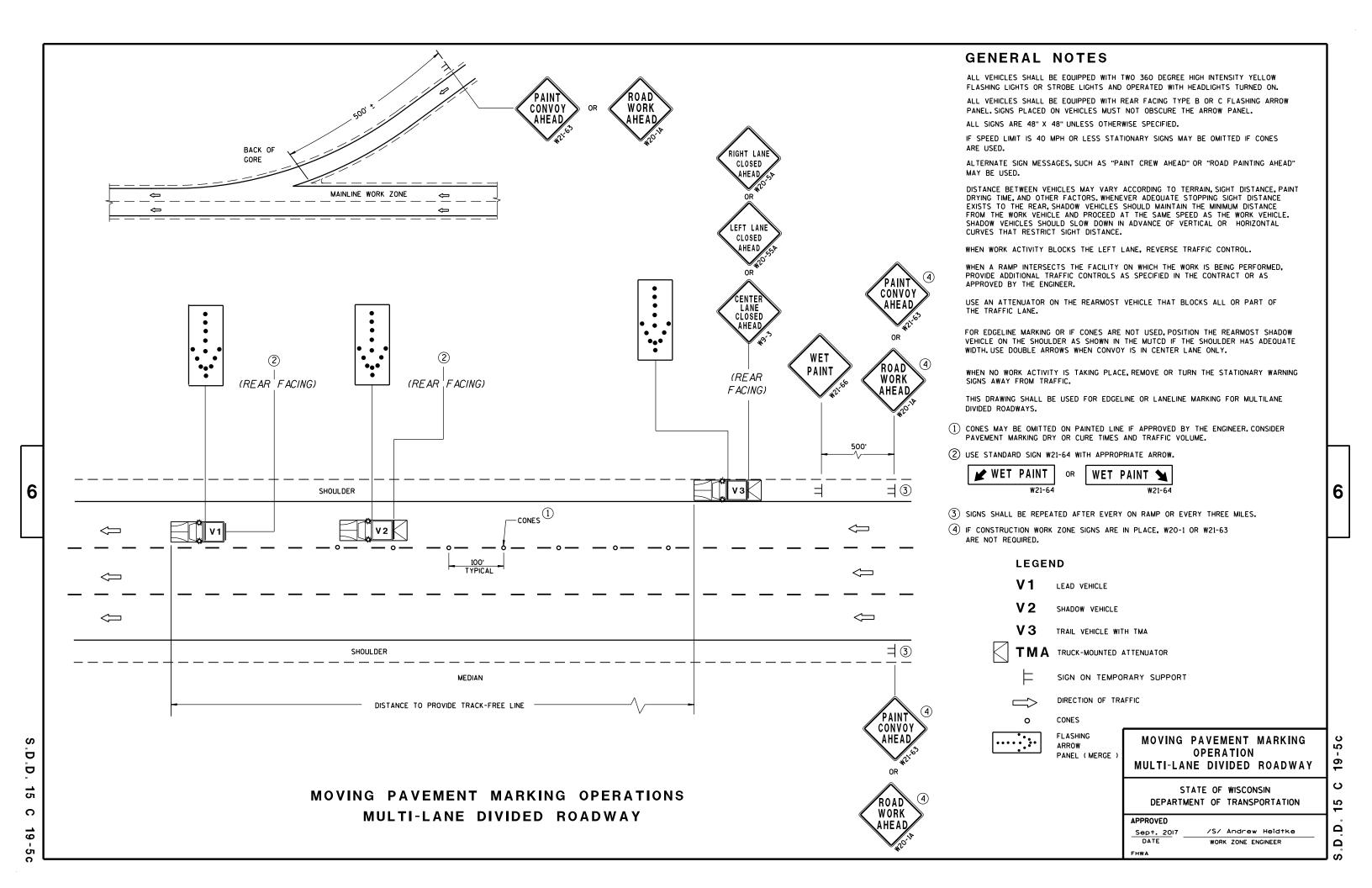
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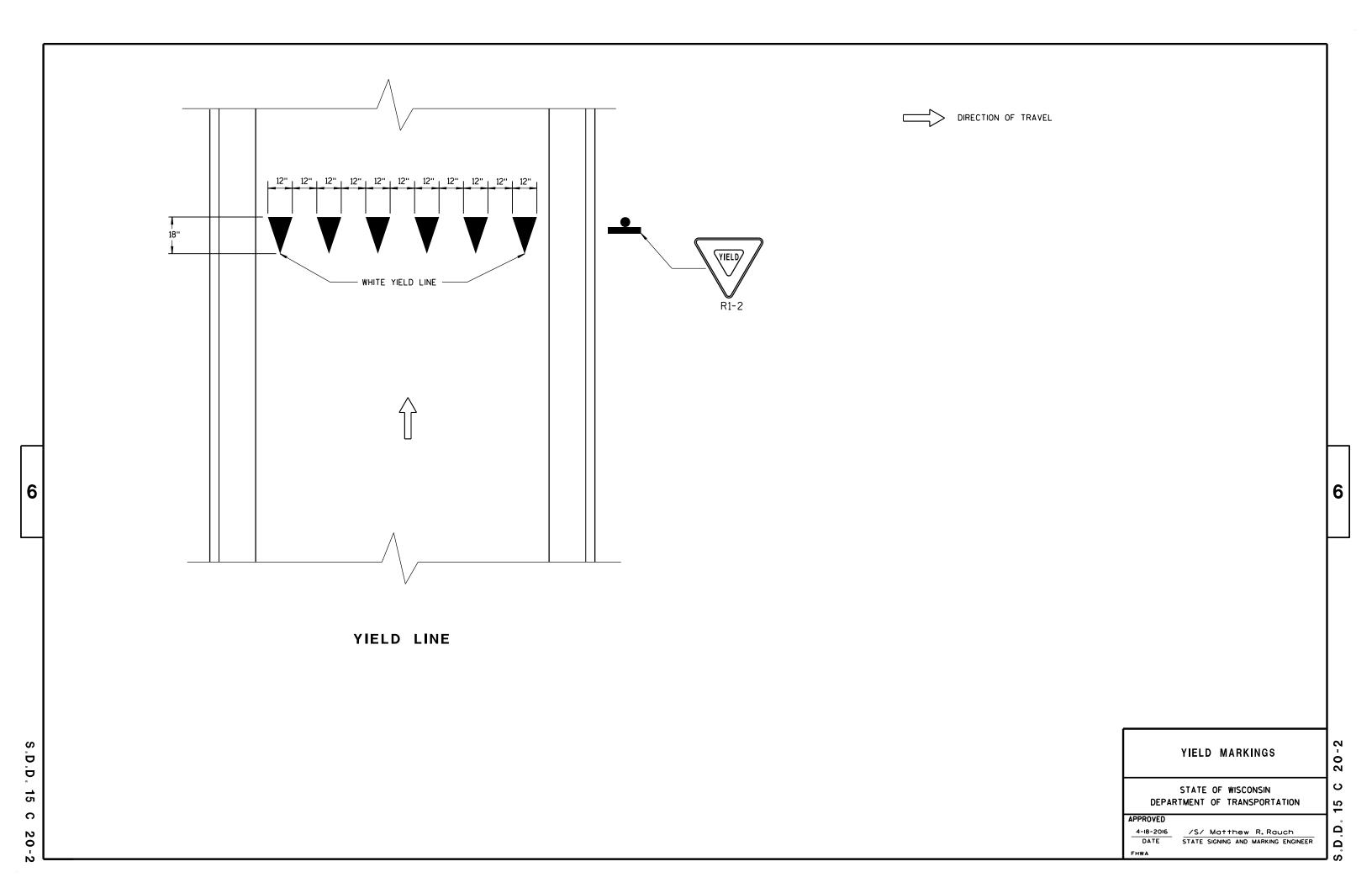
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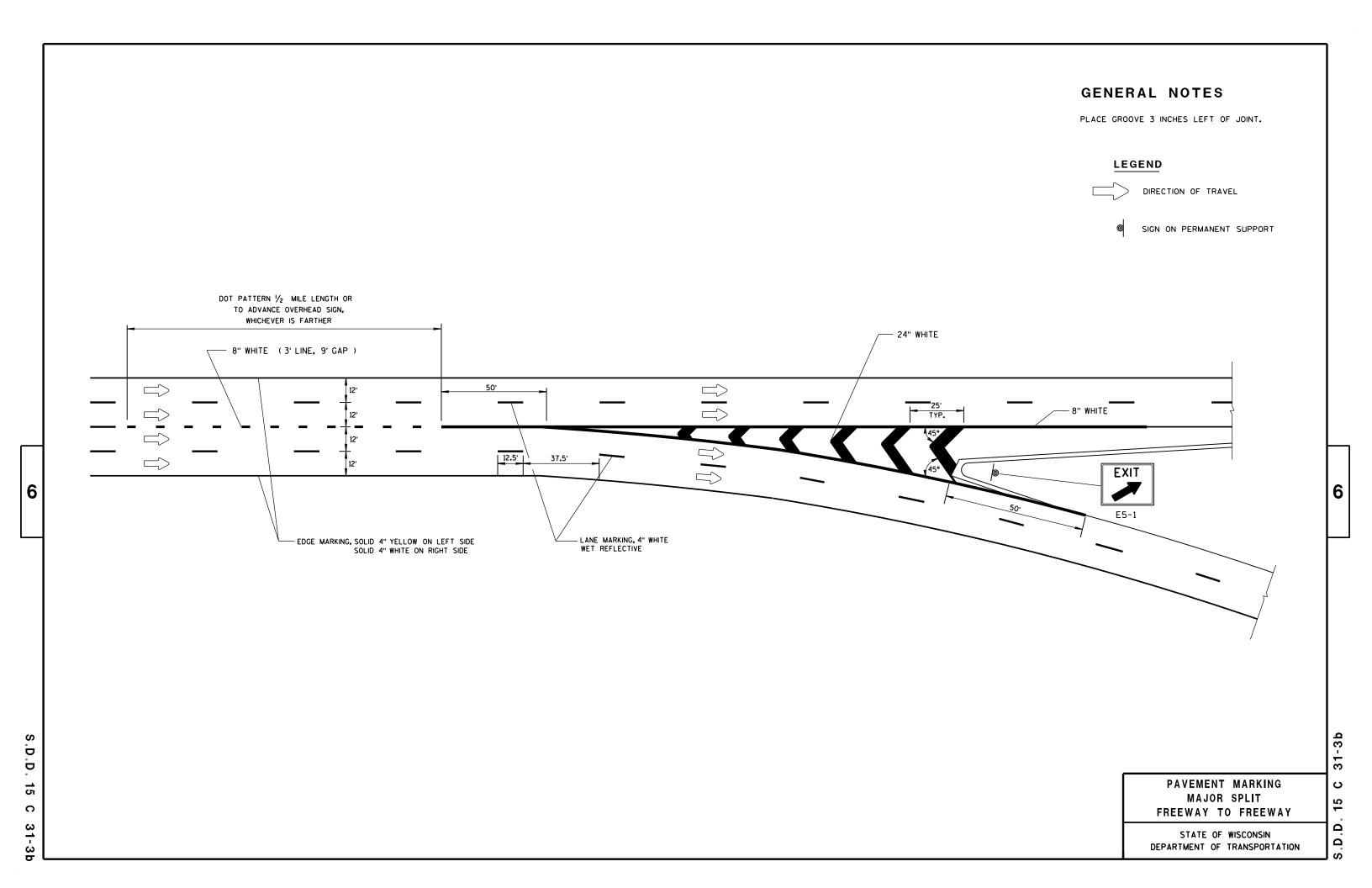
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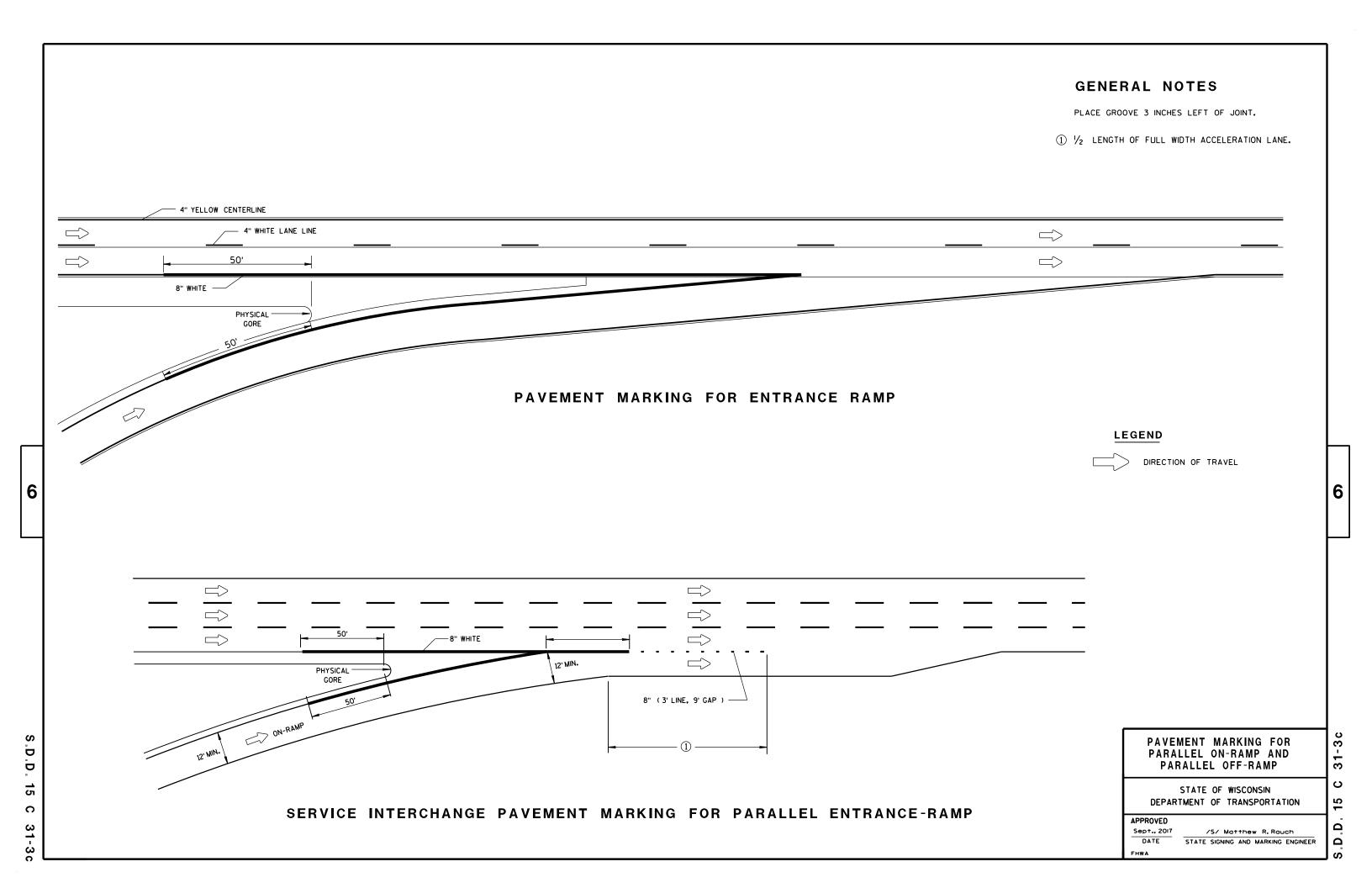


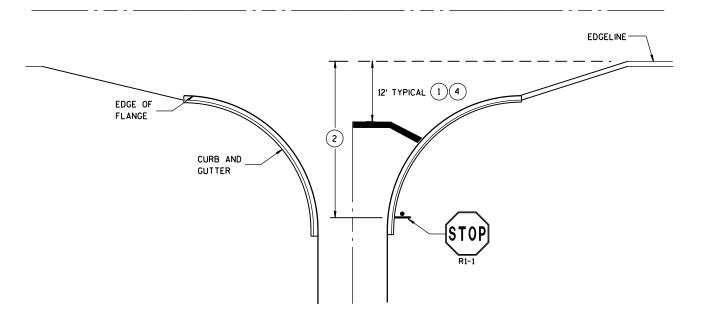








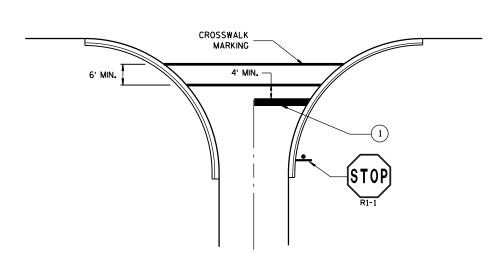




8" CHANNELIZATION WHITE FLANGELINE (EXTENSION) WHITE EDGELINE 4' TYPICAL (4)

TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



- EDGELINE 12' TYPICAL (1)

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING

TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

- 1 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- 2 IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.
- (3) IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
- (4) MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES. (NO CLOSER THAN 4 FEET).

STOP LINE AND CROSSWALK **PAVEMENT MARKING**

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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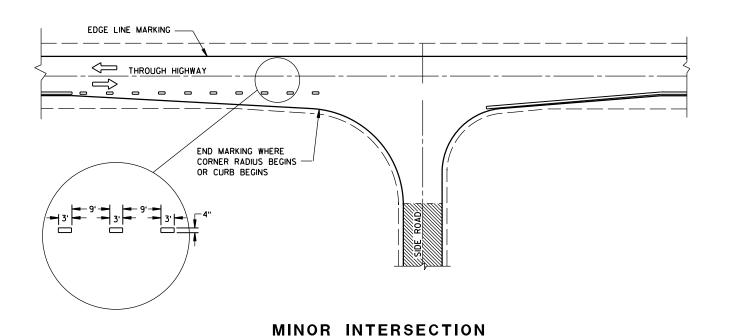
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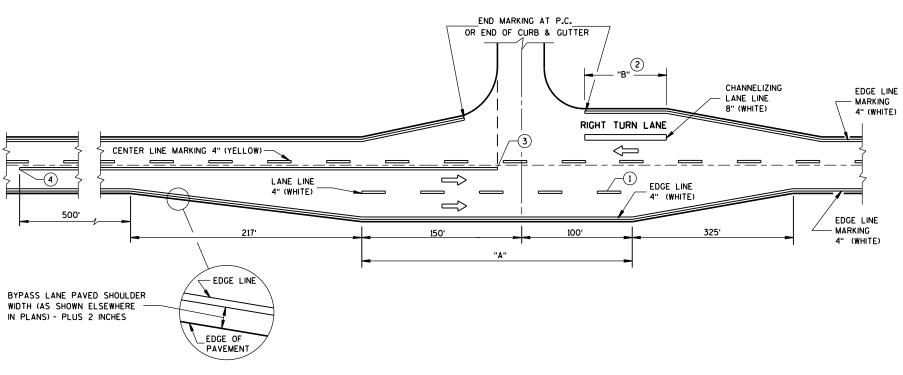


GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

- 1) WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
- 2) WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
- (3) BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.
- (4) BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

ARROW SYMBOL (>>) SHOWS DIRECTION OF TRAVEL



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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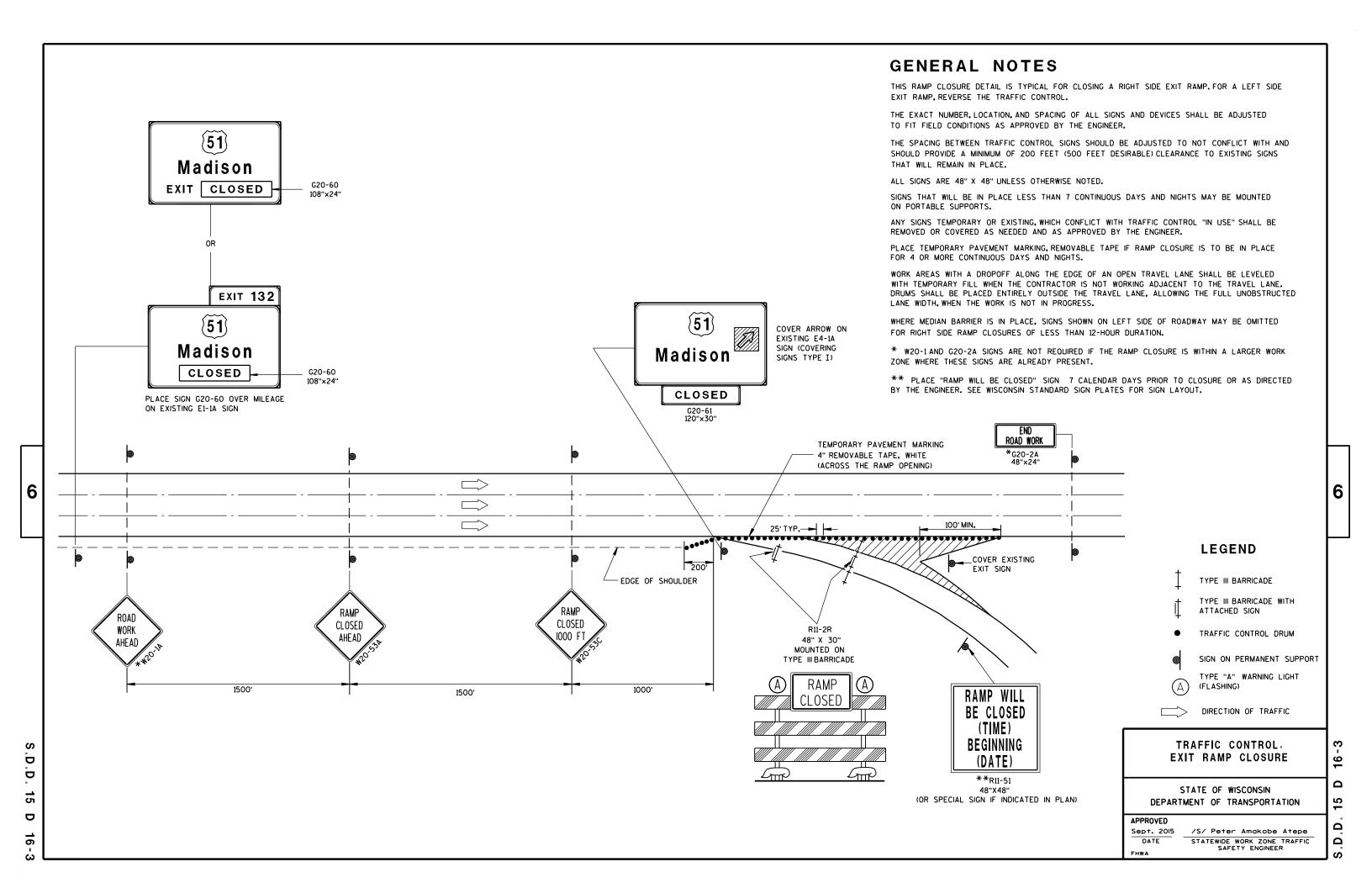
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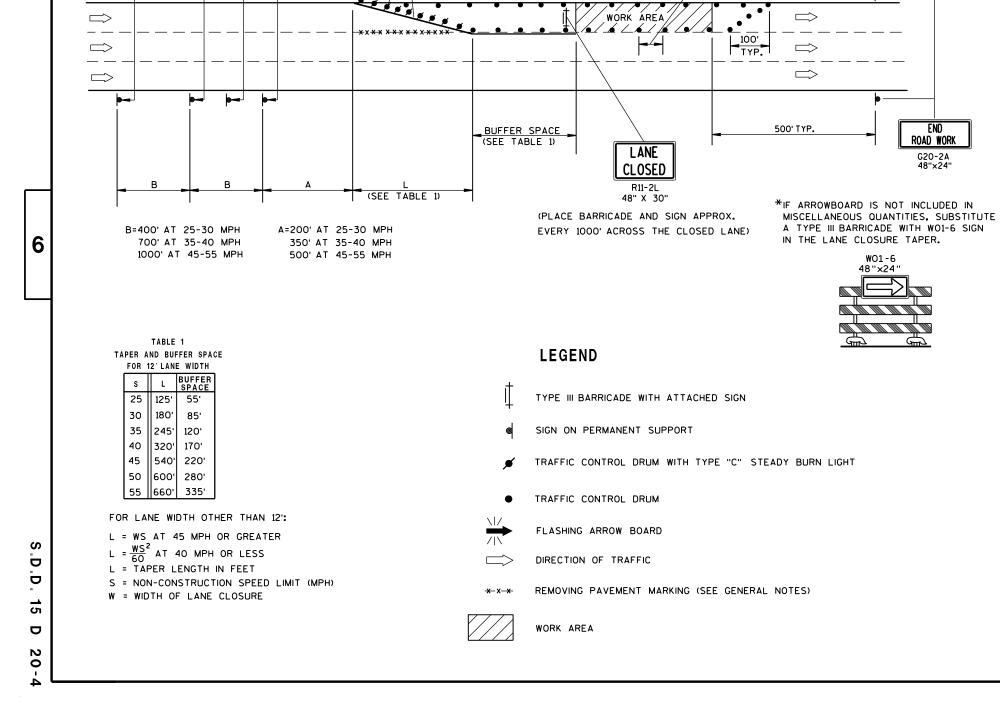
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(5) DRUMS SPACED @ 10'

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

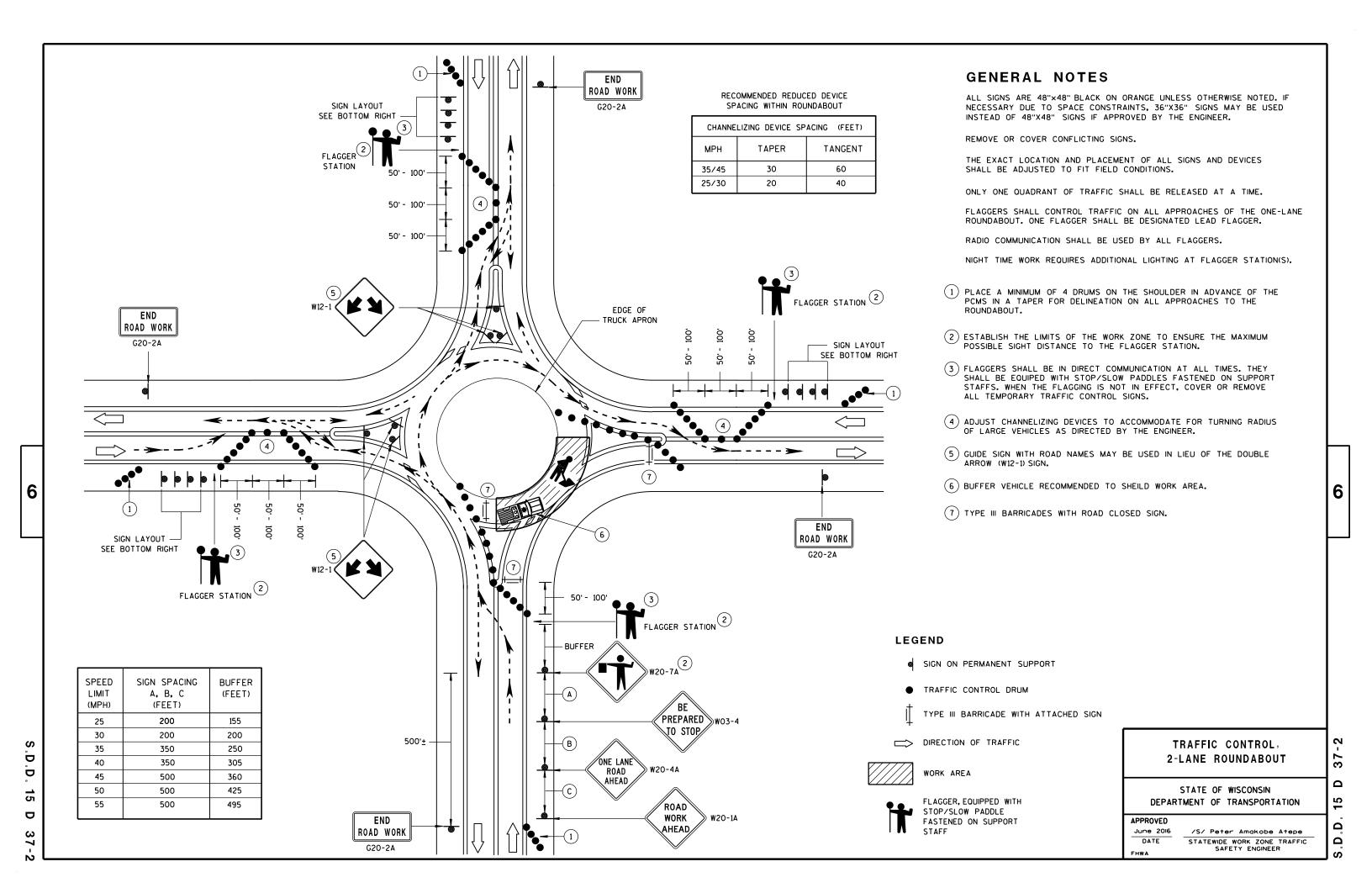
/S/ Peter Amakobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

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June 2016

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





Wisconsin Department of Transportation

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