PROJECT WITH: 1

0

ARQUETTE, PORT \S, WAUSHARA

WIS MAR 13

ORDER OF SHEETS

TOTAL SHEETS = 42

Section No.	1	T1†le
Section No.	-2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantitles
Section No.	4	Right of Way Plat
Section No.	-5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Scotion No		- Cross Scotless

## STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

STATE PROJECT	FEDERAL PROJECT								
STATE PROJECT	PROJECT	CONTRACT							
1009-41-66	WISC 2013086	1							

PLAN OF PROPOSED IMPROVEMENT

## IC REGION, EPOXY PAVEMENT MARKING

WISCONSIN RAPIDS & RHINELANDER OFFICES

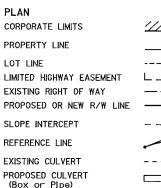
VARIOUS HIGHWAYS NORTH CENTRAL REGION WIDE

> STATE PROJECT NUMBER 1009-41-66

### DESIGN DESIGNATION

A.A.D.T.	=	NA
A.A.D.T.	=	NΑ
D.H.V.	=	NA
D.D.	=	NA
Т.	=	NA
DESIGN SPEED	=	NA
ESALS	=	NA

### CONVENTIONAL SYMBOLS



COMBUSTIBLE FLUIDS

WOODED OR SHRUB AREA

MARSH AREA

PROFILE GRADE LINE ORIGINAL GROUND MARSH OR ROCK PROFILE UTILITIES ELECTRIC

(To be noted as such) SPECIAL DITCH GRADE ELEVATION CULVERT (Profile View) FIBER OPTIC SANITARY SEWER STORM SEWER TELEPHONE UTILITY PEDESTAL POWER POLE

TELEPHONE POLE

Ø

MARATHON PORTAGE. WALISHARA

> LAYOUT 20 MI.

TOTAL NET LENGTH OF CENTERLINE = 0 MI.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PREPARED BY Surveyor REBECCA OLSEN Destaner JEFF STEWART Protect Manager MICHAEL KRETSCHMER

C.O. Examiner

FILE NAME: P:\projects\D4\_10094165ED\010101\_+1.dgn

PLOT DATE: 31-0CT-2012 11:42

PLOT BY : dotr5g

PLOT NAME:

PLOT SCALE: 225000:1

WISDOT/CADDS SHEET 10

## **GENERAL NOTES**

LOCATIONS ON THE PLAN ARE APPROXIMATE.

CONTRACTOR SHALL REPAINT ALL MARKINGS ON PLAN ACCORDING TO STANDARD DETAIL DRAWINGS, EXCEPT WHERE WET REFLECTIVE TAPE IS IDENTIFIED, USE EPOXY INSTEAD.

THERE MAY BE UTILITIES IN THE PROJECT THAT ARE NOT SHOWN.

NO EXCAVATION IS REQUIRED AND NO CONFLICTS ARE ANTICIPATED.

## **DNR LIAISON**

**JON SIMONSEN** (715)365-8916

jonathan.simonsen@wisconsin.gov

COUNTIES: LINCOLN, PRICE, VILAS

MARC HERSHFIELD (715)421-7867

marc.hershfield@wisconsin.gov

COUNTIES: MARATHON, PORTAGE

**BOBBI JO FISCHER** (920)787-3015

bobbi.fischer@wisconsin.gov

COUNTIES: MARQUETTE, WAUSHARA

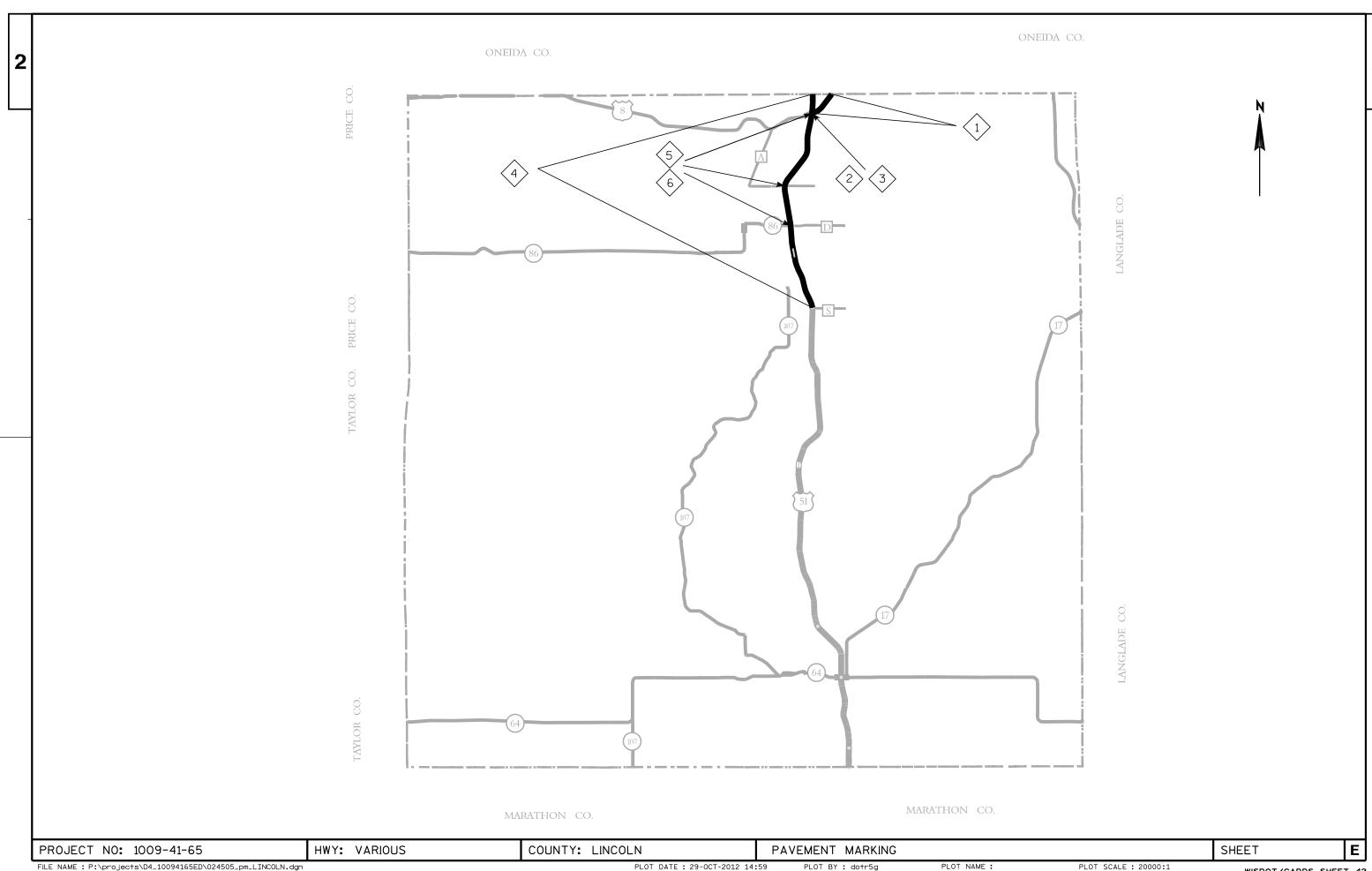
JIM DOPERALSKI JR (920)662-5119

james.doperalski@wisconsin.gov

**COUNTIES: SHAWANO** 

PROJECT NO: 1009-41-66 HWY: VARIOUS COUNTY: NC REGION WIDE GENERAL NOTES SHEET:

THIS SHEET INTENTIONALLY LEFT BLANK HWY: VARIOUS COUNTY: NC REGION WIDE FILLER SHEET SHEET PROJECT NO: 1009-41-66 FILE NAME : P:\projects\D4\_10094165ED\BLANKSHEET.dgn PLOT DATE: 31-OCT-2012 11:07 PLOT BY : dotr5g PLOT NAME : WISDOT/CADDS SHEET 42

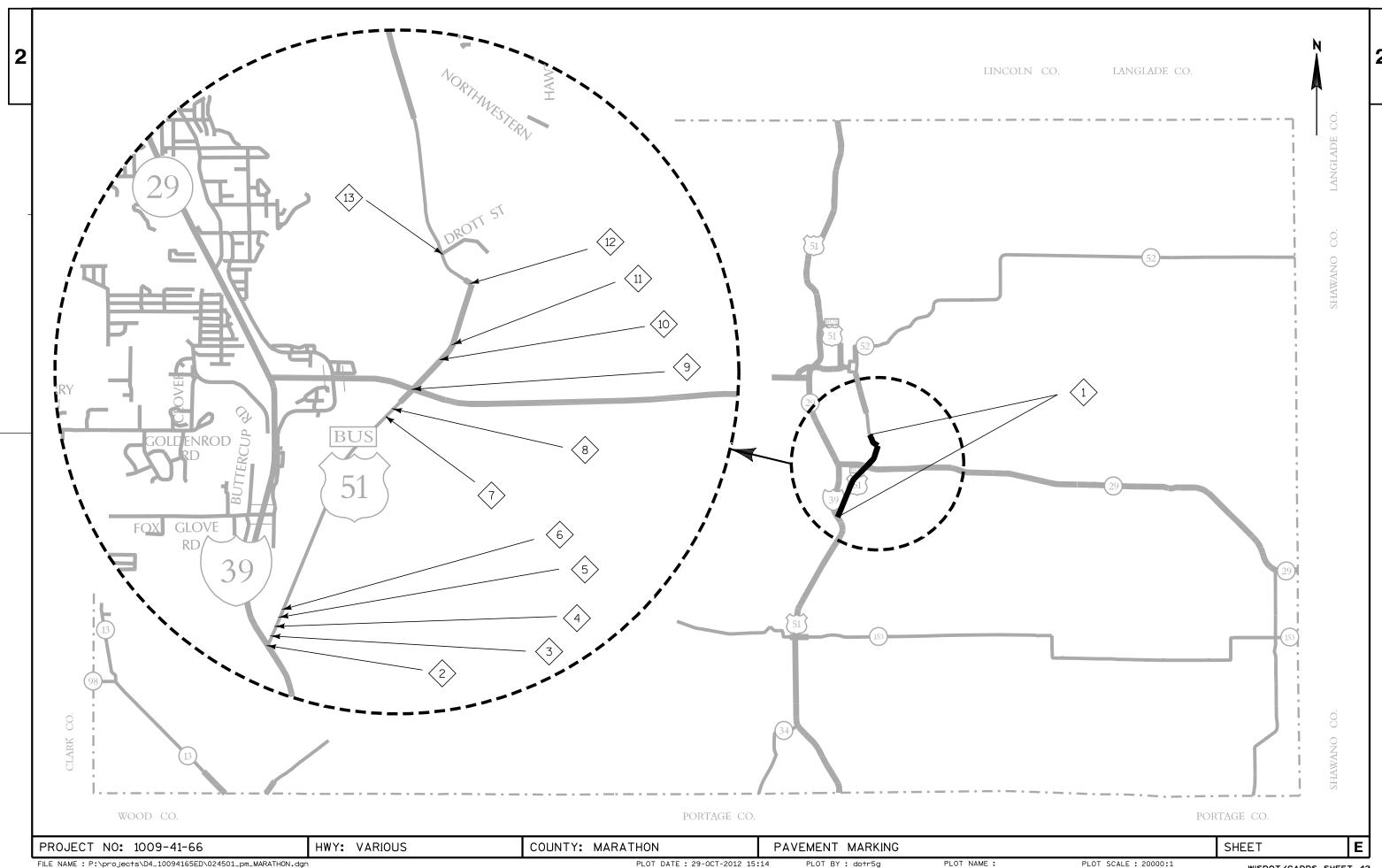


## PAVEMENT MARKING

	646.	0106	646.	0126	
	EP(	YXC	EP(	OXY	
	4-11	ICH	8-11	ICH	
	YELLOW	WHITE	YELLOW	WHITE	
<u>LINCOLN COUNTY LOCATIONS</u>	LF	LF	LF	LF	REMARKS
1. USH 8 FROM SOUTH KLADE ROAD (JCT USH 51) TO ONEIDA COUNTY LINE	10777	16742			EDGELINES, CENTERLINES
2. USH 8 JCT USH 51 (BOTH ENDS OF 4 LANE)			1570		
3. USH 8 UNDER USH 51				549	TURNING LANES
4. USH 51 (SOUTHBOUND ONLY) FROM CTH S (BUTT JOINT) TO ONEIDA COUNTY LINE	64620	82444			EDGELINES, CENTERLINES
5. USH 51 (SOUTHBOUND) RAMPS AT USH 8, CTH A AND CTH D				7832	
6. **USH 51 (NORT HBOUND) RAMPS AT USH 8, CTH A AND CTH D				2682	
SUBTOTALS:	75397	99186	1570	11063	
LINCOLN COUNTY TOTALS:	174	,583	12,	633	

<sup>\*\*</sup>NOTE: INSTALL 4-INCH YELLOW/WHITE EDGELINE & GORES ON THESE RAMPS (INCLUDED IN QUANTITIES LISTED ON LINE #4 UNDER BID ITEM 646.0106)

ADDITIONAL QUANTITIES SHOWN ELSEWHERE ON THE PLAN

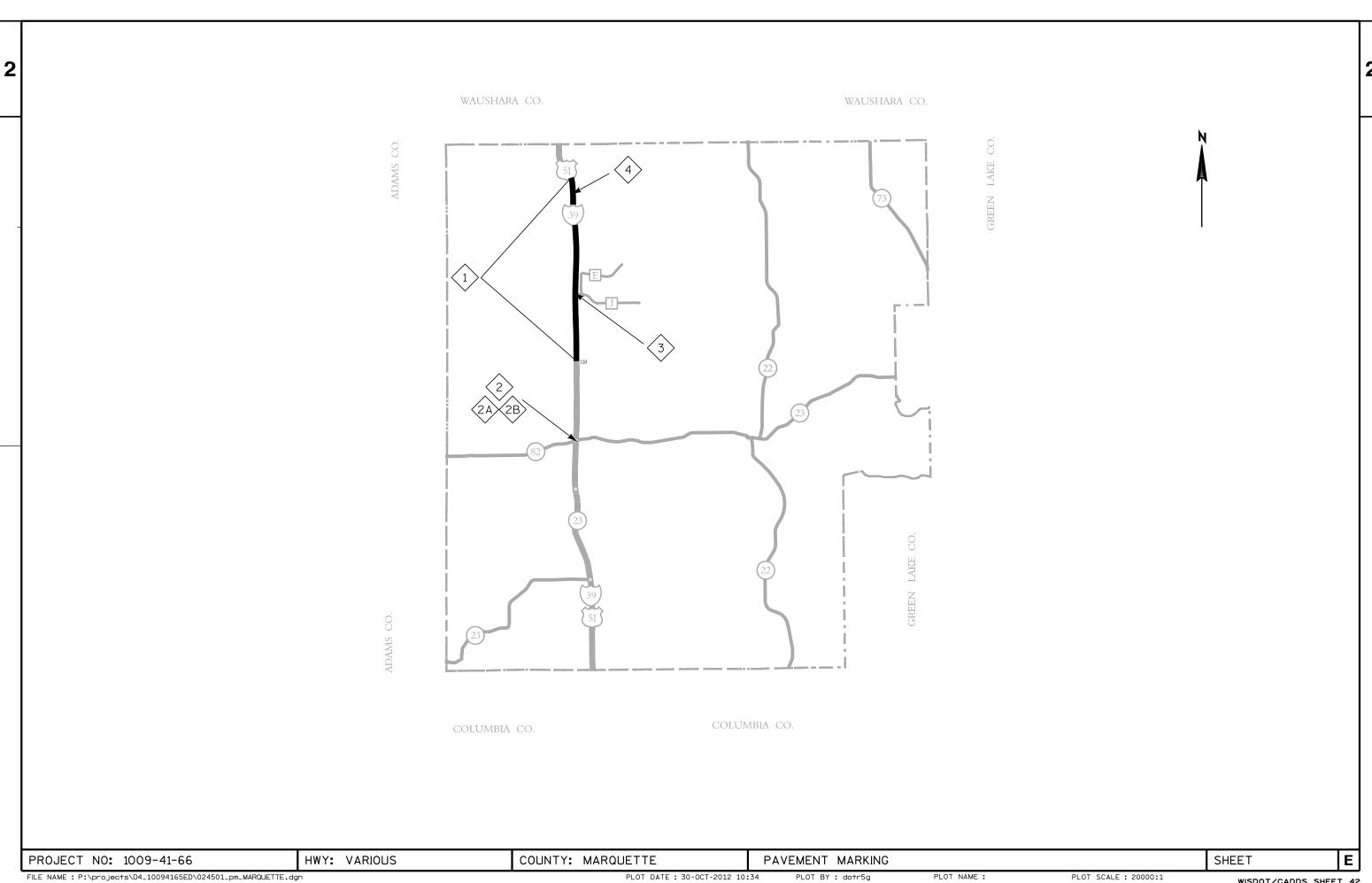


## PAVEMENT MARKING

		MEINI MANNIN							
					647.0356	647.0566	647.	0726	
	646.	0106	646.0126	647.0166	WORDS	STOPLINE	DIAG	ONAL	
	EPO	YXC	EPOXY	ARROWS	EPOXY	EPOXY	EPOXY		
	4-IN	ICH	8-INCH	EPOXY	"ONLY	18-INCH	12-I	NCH	
	YELLOW WHITE		WHITE	TYPE 2	WHITE	WHITE	YELLOW	YELLOW	
MARATHON COUNTY LOCATIONS	LF	LF	LF	EACH	EACH	LF	LF	LF	REMARKS
1. BUS 51 FROM DROTT STREET TO I-39 (ROTHSCHILD)	39398	19285	4232						
2. BUS 51 JCT I-39				4	2			15	ARROWS: 2-LEFT, 2-RIGHT
3. BUS 51 JCT FOREMOST DRIVE				4	1	58			ARROWS: 2-LEFT, 2-RIGHT
4. BUS 51 JCT CTH XX					5			30	
5. BUS 51 JCT CTH L				2	2	48	980	270	ARROWS: 2-LEFT
6. BUS 51 JCT BECKER STREET									
7. BUS 51 APPROXIMATELY 800 FT SOUTH OF ALEXANDER DRIVE				2					ARROWS: 2-RIGHT
8. BUS 51 DOMTAR TRUCK ENTRANCE				2	1				ARROWS: 2-RIGHT
9. BUS 51 JCT STH 29 RAMPS						184			
10. BUS 51 JCT ELLEN STREET			120			62			
11. BUS 51 JCT JELINEK AVENUE						66			
12. BUS 51 JCT CTH JJ				5					ARROWS: 5-LEFT
13. BUS 51 JCT DROTT STREET				10	6	250			ARROWS: 10-LEFT
	39398	19285					980	315	
MARATHON COUNTY TOTALS:	58,	683	4352	29	17	668	1,2	295	

ADDITIONAL QUANTITIES SHOWN ELSEWHERE ON THE PLAN

PROJECT NO: 1009-41-66 HWY: VARIOUS COUNTY: MARATHON PAVEMENT MARKING SHEET: **E** 

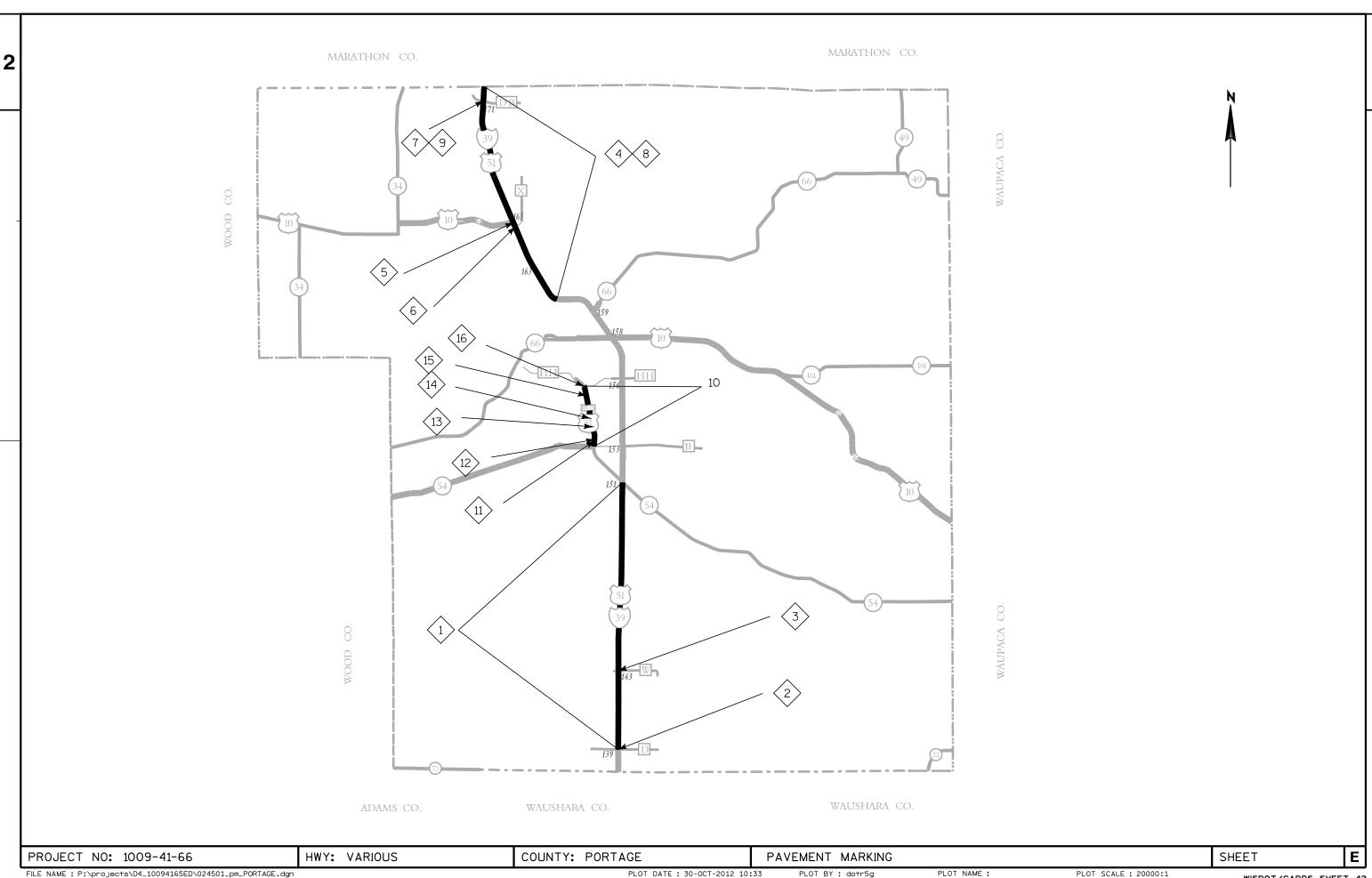


## PAVEMENT MARKING

17.VEWEN							
					647.0566	647.0746	
	646.	0106	646.0126	647.0256	STOPLINE	DIAGONAL	
	EPO	YXC	EPOXY	SYMBOLS	EPOXY	EPOXY	
	4-IN	ICH	8-INCH	EPOXY	18-INCH	24-INCH	
	YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE	
MARQUETTE COUNTY LOCATIONS	LF	LF	LF	EACH	LF	LF	REMARKS
1. I-39 (NB) MILE MARKER 110 TO 1100 FT NORTH MILE MARKER 118	120468	137051	9155				
2. I-39 (NB) JCT STH 23/82						209	
2A. I-39 (NB) JCT STH 23 (EB)					15		
2B. I-39 (NB) JCT STH 82 (WB)					50		
3. I-39 (NB) JCT CTH E/CTH J					17	191	
4. I-39 (NB) REST AREA				4		780	HANDICAP
SUBTOTALS:	120468	137051					
MARQUETTE COUNTY TOTALS:	257	,519	9155	4	82	1180	

ADDITIONAL QUANTITIES SHOWN ELSEWHERE ON THE PLAN

PROJECT NO: 1009-41-66 HWY: VARIOUS COUNTY: MARQUETTE PAVEMENT MARKING SHEET: **E** 

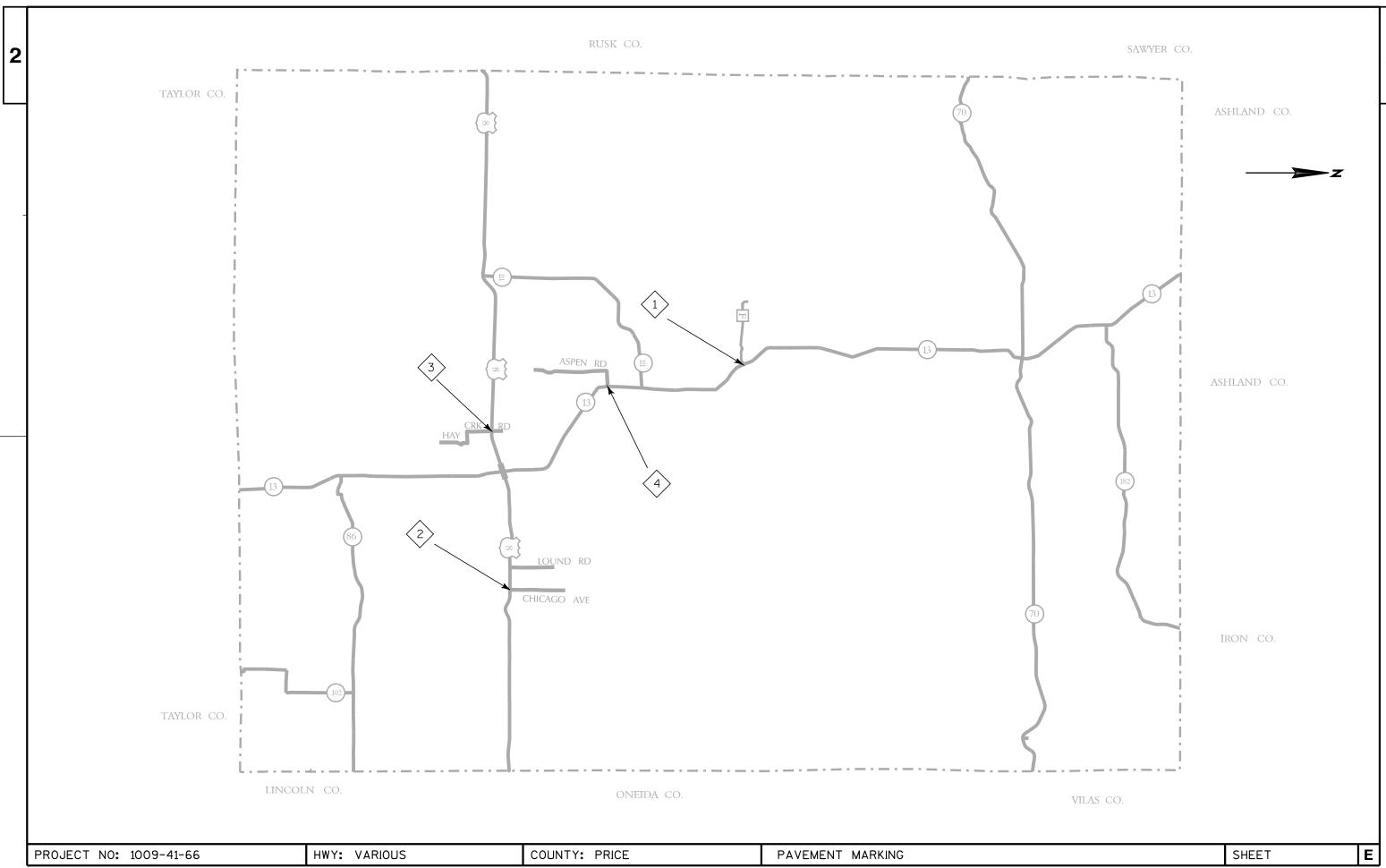


## PAVEMENT MARKING

					647.0166	647.0186	647.0356	647.0566	647.0746	
	646.	0106		647.0110	ARROWS	ARROWS	WORDS	STOPLINE	DIAGONAL	
	EP(	OXY	646.0126	RR	EPOXY	EPOXY	EPOXY	EPOXY	EPOXY	
	4 IN	ICH	8-INCH	CROSSING	TYPE 2	TYPE 4	"ONLY"	18-INCH	24-INCH	
	YELLOW	WHITE	WHITE	EPOXY	WHITE	WHITE	WHITE	WHITE	WHITE	
PORTAGE COUNTY LOCATIONS	LF	LF	LF	EACH	EACH	EACH	EACH	LF	LF	REMARKS
1. I-39 (NB) FROM MILE MARKER 139 (CTH D) TO MILE MARKER 151 (STH 54)	69603	83812	4625							LANELINES, EDGELINES, RAMPS, GORES
2. I-39 (NB) INTERSECTION CTH D						1		49	192	
3. I-39 (NB) INTERSECTION CTH W						1		48	193	
4. I-39 (NB) FROM MILE MARKER 161 TO MILE MARKER 175	68784	89648	4758							LANELINES, EDGELINES, RAMPS, GORES
5. I-39 (NB) AT CASMIR RD						1			52	
6. I-39 (NB) AT CTH X								38	110	
7. I-39 (NB) AT CTH DB								43	100	
8. I-39 (SB) FROM MILE MARKER 175 TO MILE MARKER 161	46766	57157	1372							LANELINES, EDGELINES, RAMPS,GORES
9. I-39 (SB) AT CTH DB								48	70	
										LANELINES, EDGELINES, CENTERLINES
10. BUS 51 (NB) FROM CTH B TO CTH HH	28037	8027	1165							TURNLANES, GORES
11. BUS 51 (NB) 1/4 MILE NORTH OF CTH B (PLOVER)				4						
12. BUS 51 (NB AND SB) AT CHESTNUT STREET								48		
13. BUS 51 (NB AND SB) AT ROOSEVELT DRIVE								48		
14. BUS 51 (NB AND SB) AT PLOVER SPRINGS DRIVE					2		2	70		ARROWS: LEFT
15. BUS 51 (NB AND SB) AT PORTER DRIVE								80		
16. BUS 51 (NB AND SB) AT CTH HH								80		
SUBTOTALS:	213190	238644								
PORTAGE COUNTY TOTALS:	451	,834	11920	4	2	3	2	552	717	

ADDITIONAL QUANTITIES SHOWN ELSEWHERE ON THE PLAN

PROJECT NO: 1009-41-66 HWY: VARIOUS COUNTY: PORTAGE PAVEMENT MARKING SHEET: **E** 



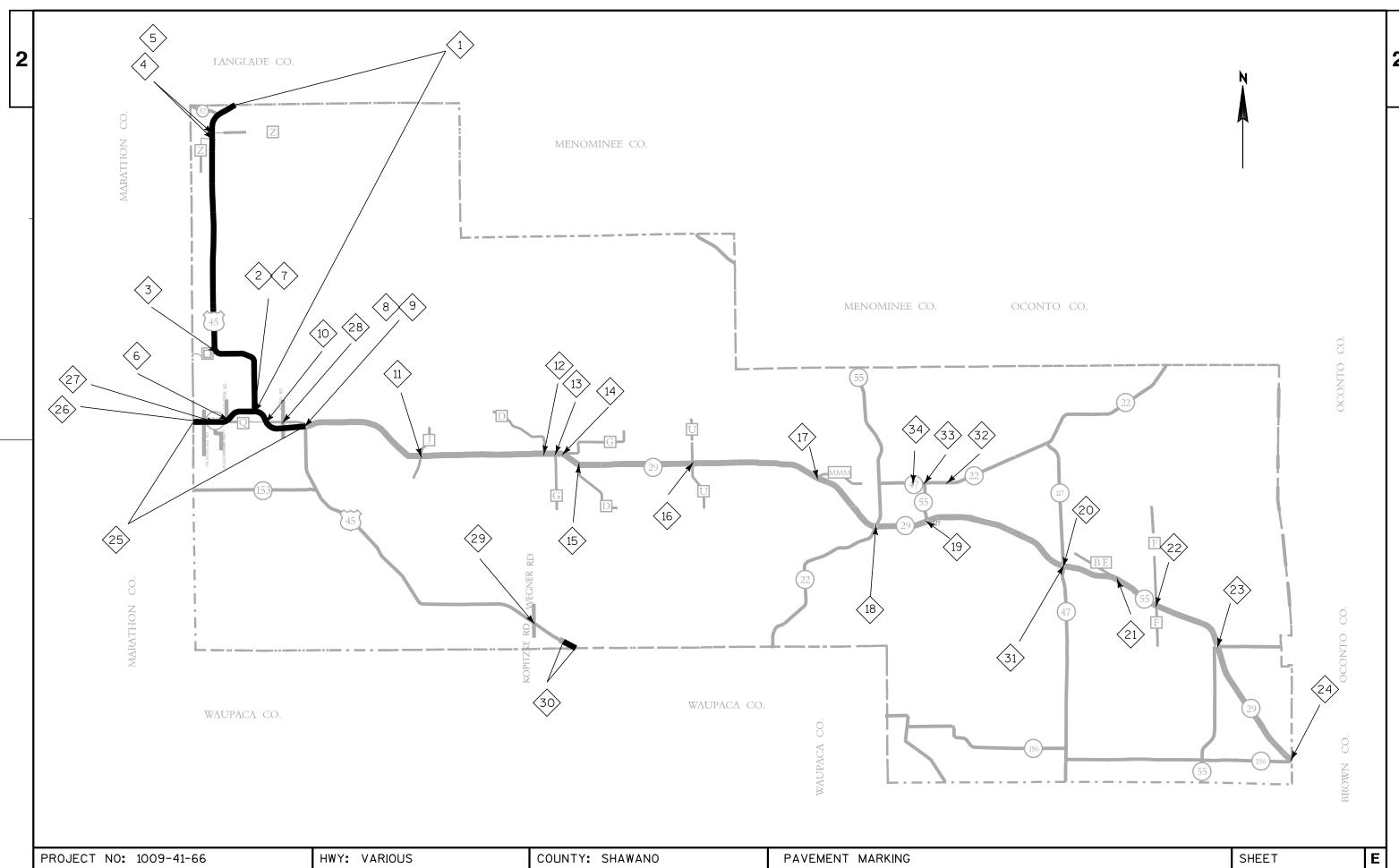
K

## PAVEMENT MARKING

			647.0803			
	647.	0726	AERIAL			
	DIAG	ONAL	ENFORCE BARS			
	EP(	YXC	EPOXY			
	12-I	NCH	24-INCH			
	YELLOW	WHITE	WHITE			
PRICE COUNTY LOCATIONS	LF	LF	LF			
1. STH 13 AT CTH F	387	59				
2. USH 8 FROM CHICAGO ROAD TO LOUND ROAD			60			
3. USH 8 WEST OF STH 13 (HAY CREEK ROAD)			60			
4. STH 13 SOUTH OF ASPEN ROAD			60			
SUBTOTALS:	387	59				
PRICE COUNTY TOTALS:	44	46	180			

ADDITIONAL QUANTITIES SHOWN ELSEWHERE ON THE PLAN

PROJECT NO: 1009-41-66 HWY: VARIOUS COUNTY: PRICE PAVEMENT MARKING SHEET: **E** 

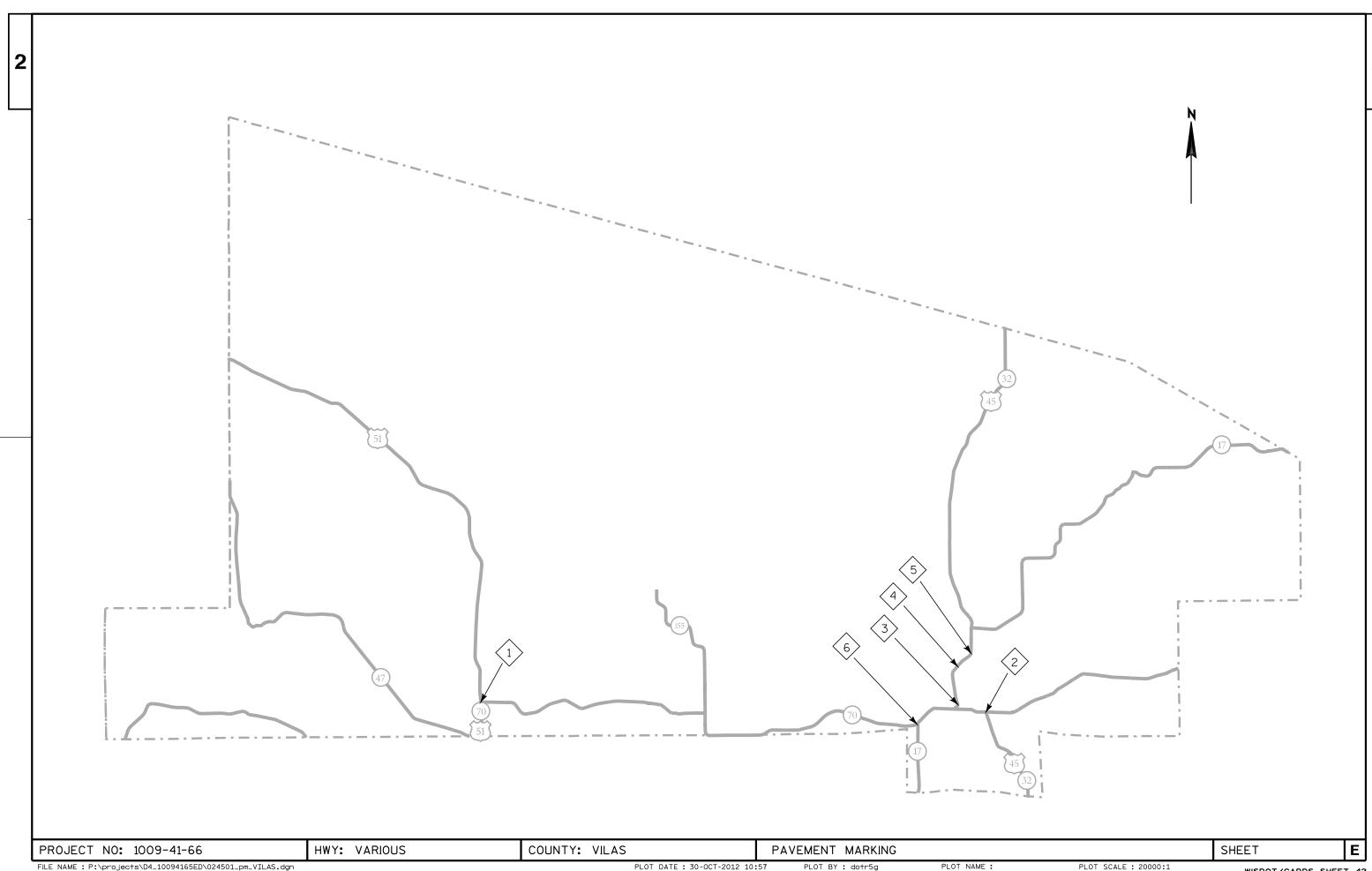


PLOT NAME :

### PAVEMENT MARKING 647.0166 647.0186 647.0356 647.0566 647.0726 647.0746 647.0606 647.0803 647.0856 ARROWS ARROWS WORDS STOP LINE DIAGONAL 646.0106 646.0126 647.0456 ISLAND DIAGONAL AERIAL ENFORCE CONCRETE **EPOXY EPOXY** TYPE 2 TYPE 4 **EPOXY** CURB **EPOXY** NOSE **EPOXY EPOXY** BARS EPOXY **CORRUGATED MEDIAN** 8-INCH **EPOXY EPOXY** "ONLY" **EPOXY** 18-INCH **EPOXY** 12-INCH 24-INCH 24-INCH **EPOXY** 4-INCH YELLOW WHITE ÆLLOW WHITE YELLOW WHITE WHITE WHITE WHITE YELLOW WHITE YELLOW ELLOW WHITE WHITE YELLOW LF LF LF **EACH** EACH LF LF LF SHAWANO COUNTY LOCATIONS LF **EACH EACH** LF LF LF REMARKS LF SF 1. USH 45 FROM STH 29 (SB ON-RAMP) WITTENBERG TO LANGLADE COUNTY LINE 80779 159383 2. USH 45 JCT STH 29 1232 ------------3. USH 45 JCT CTH O 208 4. USH 45 JCT CTH Z 398 5. USH 45 JCT STH 52 166 ---6. STH 29 JCT (WEST) CTH Q AND KILLDEER ROAD 1110 23 7. STH 29 JCT USH 45 NORTH (EXIT 195 EAST/WEST AND USH 45 MEDIAN) 2724 56 133 THREE SEPARATE STOP LINE LOCATIONS 229 45 2 ------8. STH 29 WEST OF EXIT 198 (EAST AND WEST LANES) 120 9. STH 29 JCT USH 45 SOUTH (EXIT 198 EAST/WEST AND USH 45 MEDIAN) 4180 285 48 224 THREE SEPARATE STOP LINE LOCATIONS 10. STH 29 JCT (EAST) CTH Q 1776 24 ---11. STH 29 JCT CTH J (NORTH AND SOUTH) 44 TWO SEPARATE STOP LINE LOCATIONS 12. STH 29 JCT (WEST) CTH D 23 ------13. STH 29 JCT (WEST) CTH G 21 ---14. STH 29 JCT (EAST) CTH G 21 15. STH 29 JCT (EAST) CTH D 24 ---------16. STH 29 JCT CTH U (NORTH AND SOUTH) 56 TWO SEPARATE STOP LINE LOCATIONS ------17. STH 29 JCT CTH MMM 18 ---------18. STH 29 JCT STH 22 (EXIT 225 EAST/WEST AND STH 22 MEDIAN) 58 258 258 390 19. STH 29 JCT STH 47/STH 55 (EXIT 227 EAST/WEST AND STH 47/STH 55 MEDIAN) 4 193 51 6 95 389 120 TWO SEPARATE STOP LINE LOCATIONS 20. STH 29 JCT STH 47/STH 117 (EXIT 234 EAST/WEST AND MEDIAN ON STH 47/STH117) FOUR SEPARATE STOP LINE LOCATIONS ---2 ---181 78 5 588 66 331 120 785 21. STH 29 (EB) JCT CTH BE 25 22. STH 29 JCT CTH F (NORTH AND SOUTH) 34 TWO SEPARATE STOP LINE LOCATIONS ---------23. STH 29 JCT STH 55/STH 160 (EXIT 242 EAST/WEST AND STH 55/STH 160 MEDIAN) 268 79 393 636 TWO SEPARATE STOP LINE LOCATIONS 24. STH 29 JCT STH 156 (BROWN COUNTY LINE) 19 25. STH 29 FROM MARATHON COUNTY LINE TO EASTBOUND ON RAMP AT SOUTH JCT USH 45 73320 88353 ------------26. STH 29 JCT NIGHT INGALE ROAD 796 27. STH 29 JCT MEADOWLARK ROAD 794 ------28. STH 29 JCT ROBIN ROAD 786 29. USH 45 NORTH AND SOUTH OF KOPIZE RD AND WEGNER RD 48 30. USH 45 SPLIT TO 5 LANE (MARION) TO COUNTYLINE ------334 ------31. STH 47 SOUTH END OF BONDUEL (5TH LANE) ------275 32. STH 22 APPROXIMATELY 1 MILE EAST OF AIRPORT ROAD (SHAWANO) 564 ---------33. STH 22 JCT AIRPORT ROAD (SHAWANO) 335 34. STH 22 JCT EBERLEIN PARK AVENUE (SHAWANO) 368 SUBTOTALS: 154099 247736 14170 1860 0 962 697 66 SHAWANO COUNTY TOTALS 401,835 14,170 4 14 2 1414 1,659 1,926 408 2,688

ADDITIONAL QUANTITIES SHOWN ELSEWHERE ON THE PLAN

PROJECT NO: 1009-41-66 HWY: VARIOUS COUNTY: SHAWANO PAVEMENT MARKING SHEET: **E** 

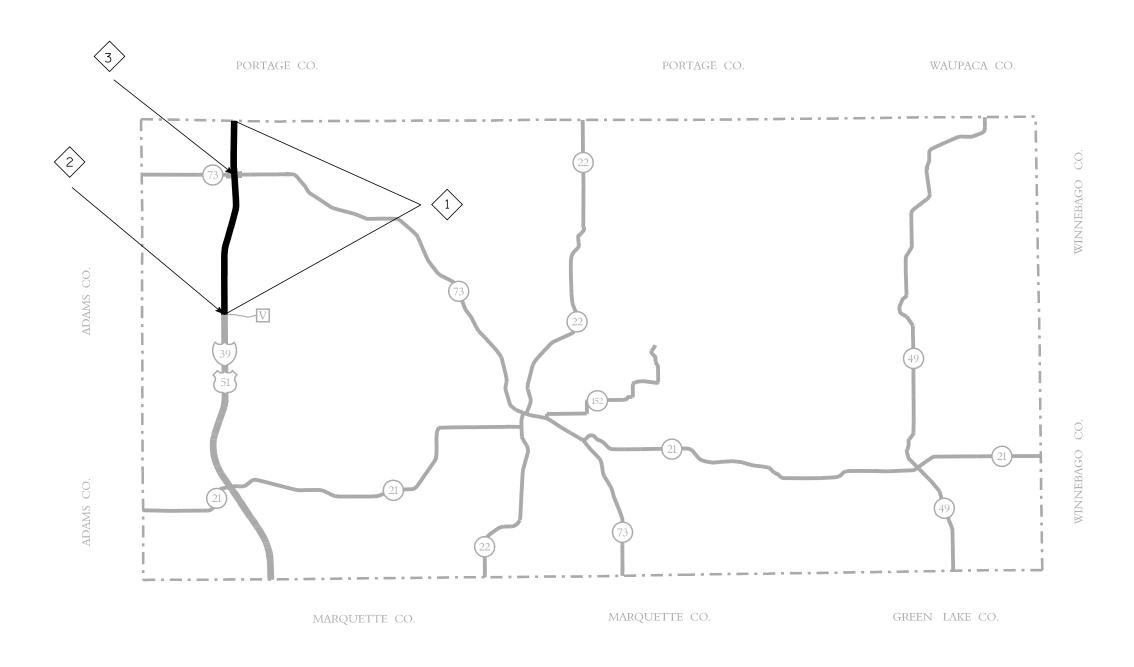


## PAVEMENT MARKING

		647.	0726	647.	0746	647.	0856	
	646.0126	DIAG	ONAL	DIAG	ONAL	CONCRETE CORRUGATED		
	EPOXY	EP(	YXC	EP(	YXC	MEDIAN		
	8-INCH	12-I	NCH	24-1	NCH	EP(	OXY	
	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	
<u>VILAS COUNTY LOCATIONS</u>	EACH	LF	LF	LF	LF	SF	SF	
1. USH 51 JCT STH 70		21				2133		
2. USH 45 JCT STH 70 (STH 17 AND BRIDGE STREET)	33							
3. USH 45 JCT STH 17 AND WALL STREET	44							
4. USH 45 JCT STH 17 AND HOSPITAL STREET				194				
5. USH 45 JCT STH 17 AND CHAIN-O-LAKES ROAD				675				
6. STH 17 JCT STH 70			336					
SUBTOTALS:		21	336	869	0	2133	0	
VILAS COUNTY TOTALS:	77	357		80	69	2,133		

ADDITIONAL QUANTITIES SHOWN ELSEWHERE ON THE PLAN

PROJECT NO: 1009-41-66 HWY: VARIOUS COUNTY: VILAS PAVEMENT MARKING SHEET: **E** 



HWY: VARIOUS COUNTY: WAUSHARA PAVEMENT MARKING SHEET PROJECT NO: 1009-41-66 PLOT NAME:

FILE NAME : P:\projects\D4\_10094165ED\024501\_pm\_WAUSHARA.dgn

PLOT DATE: 30-0CT-2012 10:58

PLOT BY : dotr5g

PLOT SCALE : 20000:1

## PAVEMENT MARKING

				647.0186	647.0566	647.0746
	646.	0106	646.0126	ARROWS	STOPLINE	DIAGONAL
	EP(	YXY	EPOXY	EPOXY	EPOXY	EPOXY
	4 IN	ICH	8-INCH	TYPE 4	18-INCH	24-INCH
	YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE
WAUSHARA COUNTY LOCATIONS	L.F.	L.F.	LF	EACH	LF	LF
1. I-39 (NB) CTH VTO PORTAGE COUNTY LINE	77849	84111	3890			
2. I-39 (NB) @ CTH V					50	72
3. I-39 (NB) @ STH 73				1	48	78
SUBTOTALS:	77849	84111				
WAUSHARA COUNTY TOTALS:	161	960	3890	1	98	150

ADDITIONAL QUANTITIES SHOWN ELSEWHERE ON THE PLAN

PROJECT NO: 1009-41-66 HWY: VARIOUS COUNTY: WAUSHARA PAVEMENT MARKING SHEET: **E** 

DATE 16	SJAN13	E S T	IMA	TE OF QUA	NTITIES
LI NE NUMBER	ITEM	LTEM DESCRIPTION	LINIT	TOTAL	1009-41-66
0010	619. 1000	ITEM DESCRIPTION MOBILIZATION	UNI T EACH	TOTAL 1. 000	QUANTI TY 1. 000
0010	643. 0100	TRAFFIC CONTROL (PROJECT) 01. 1009-41-66	EACH	1. 000	1. 000
0030	646. 0106	PAVEMENT MARKING EPOXY 4-INCH	LF	1, 345, 587. 000	
0040	646. 0126	PAVEMENT MARKING EPOXY 8-INCH	LF	56, 197. 000	56, 197. 000
0050	647. 0110	PAVEMENT MARKING RAILROAD CROSSINGS	EACH	4. 000	4. 000
		EPOXY			
	(17.01//	DAVENEUT MARKING ARROWS FROM TYPE O		45.000	45.000
0060	647. 0166	PAVEMENT MARKING ARROWS EPOXY TYPE 2	EACH	45.000	45. 000
0070	647. 0186 647. 0256	PAVEMENT MARKING ARROWS EPOXY TYPE 4 PAVEMENT MARKING SYMBOLS EPOXY	EACH EACH	4. 000 4. 000	4. 000
0080 0090	647. 0256	PAVEMENT MARKING SYMBOLS EPOXY PAVEMENT MARKING WORDS EPOXY	EACH	21. 000	4. 000 21. 000
0100	647. 0356	PAVEMENT MARKING WORDS EPOXY	LF	1, 414. 000	1, 414. 000
0100	047.0430	FAVENIENT MARKING CORD EFOXT	Lr	1, 414.000	1, 414. 000
0110	647. 0566	PAVEMENT MARKING STOP LINE EPOXY 18-INCH	LF	2, 102. 000	2, 102. 000
0120	647.0606	PAVEMENT MARKING ISLAND NOSE EPOXY	EACH	27. 000	27. 000
0130	647.0726	PAVEMENT MARKING DIAGONAL EPOXY 12-INCH	LF	3, 311. 000	3, 311. 000
0140	647. 0746	PAVEMENT MARKING DIAGONAL EPOXY 24-INCH	LF	4, 842. 000	4, 842. 000
0150	647. 0803	PAVEMENT MARKING AERIAL ENFORCEMENT	LF	588. 000	588.000
		BARS EPOXY 24-INCH			
0160	647. 0856	PAVEMENT MARKING CONCRETE CORRUGATED	SF	4, 821. 000	4, 821. 000
		MEDIAN EPOXY			

K

## PAVEMENT MARKING PROJECT SUMMARY

						647.0166	647.0186				647.0566	647.0606	647.	0726	647.0	0746	647.0803	647.	0856
	646.0	0106	646.0	0126	647.0110	ARROWS	ARROWS	647.0256	647.0356	647.0456	STOP LINE	ISLAND	DIAG	AANC	DIAG	AANC	AERIAL ENFORCE	CONCRETEC	ORRUGATED
	EPC	OXY	EPOXY		RR	TYPE 2	TYPE 4	SYMBOLS	WORDS	CURB	EPOXY	NOSE	EP(	XY	EPOXY		BARS EPOXY	XY MEDIAN	
	4 INCH		NCH 8-INCH		CROSSING	EPOXY	EPOXY	EPOXY	EPOXY	EPOXY	18-INCH	EPOXY	12-II	NCH	24-11	NCH	24-INCH	EPOXY	
	YELLOW	WHITE	YELLOW	WHITE	EPOXY	WHITE	WHITE	WHITE	WHITE	YELLOW	WHITE	YELLOW	YELLOW	WHITE	YELLOW	WHITE	WHITE	YELLOW	WHITE
LOCATIONS	LF	LF	LF	LF	WHITE	EACH	EACH	EACH	EACH	LF	LF	EACH	LF	LF	LF	LF	LF	SF	SF
LINCOLN COUNTY	75497	99286	1570	11063															
MARATHON COUNTY	39398	19285		4352		29			17		668		1025	270					
MARQUETTE COUNTY	120468	137051		9155				4			82					1180			
PORTAGE COUNTY	213190	238644		11920	4	2	3		2		552					717			
PRICE COUNTY	387	59															180		
SHAWANO COUNTY	80779	159583		14170		14			2	1414	702	27	962	697	66	1860	408	2688	
VILAS COUNTY				77									21	336	869			2133	
WAUSHARA COUNTY	77849	84111		3890			1				98					150			
SUBTOTALS:	607568	738019	1570	54627									2008	1303	935	3907		4821	0
PROJECT TOTALS:	S: 1,345,587 56,1		197	4	45	4	4	21	1414	2102	27	3,311		311 4,842		588	4,821		

PROJECT NO: 1009-41-66 HWY: VARIOUS COUNTY: VARIOUS MISCELLANEOUS QUANTITIES SHEET: **E** 

## Standard Detail Drawing List

15C07-12A	PAVEMENT MARKING SYMBOLS
15C07-12B	PAVEMENT MARKING WORDS
15C07-12C	PAVEMENT MARKING ARROWS
15C08-15A	PAVEMENT MARKING (MAINLINE)
15C08-15B	PAVEMENT MARKING (INTERSECTIONS)
15C08-15C	PAVEMENT MARKING (CLIMBING LANE & PASSING LANE)
15C08-15D	PAVEMENT MARKING (CLIMBING LANE & PASSING LANE)
15C08-15E	PAVEMENT MARKING (LEFT TURN LANE)
15C08-15F	PAVEMENT MARKING (ISLANDS, STOP LINE & CROSS WALK)
15C09-09A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C12-03	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C14-01	AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS
15C18-03	MEDIAN ISLAND MARKING
15C19-01A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-01B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C19-01C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C21-04	SIGNING AND MARKING FOR TWO LANE TO FOUR LANE DIVIDED TRANSITIONS
15C31-01A	PAVEMENT MARKING (RAMPS AND GORES)
15C31-01D	PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP

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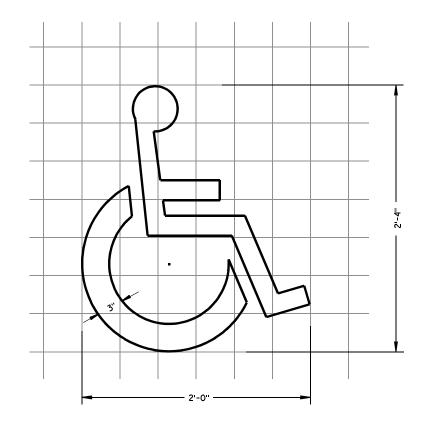
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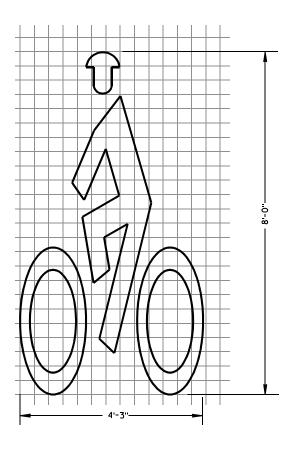
## GENERAL NOTES

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.

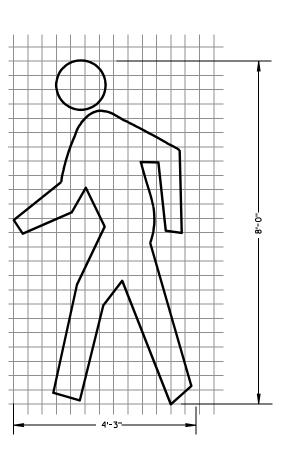
ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES OF THAT BOOK ARE ACCEPTABLE.

A DETAILED DRAWING OF THE HANDICAPPED PARKING SYMBOL IS ILLUSTRATED IN THE "STANDARD HIGHWAY SIGNS MANUAL" BY THE FEDERAL HIGHWAY ADMINISTRATION.

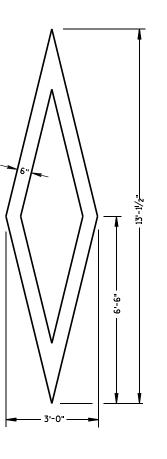




BIKE CROSSING SYMBOL



PEDESTRIAN SYMBOL



PREFERENTIAL LANE SYMBOL

PAVEMENT MARKING SYMBOLS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

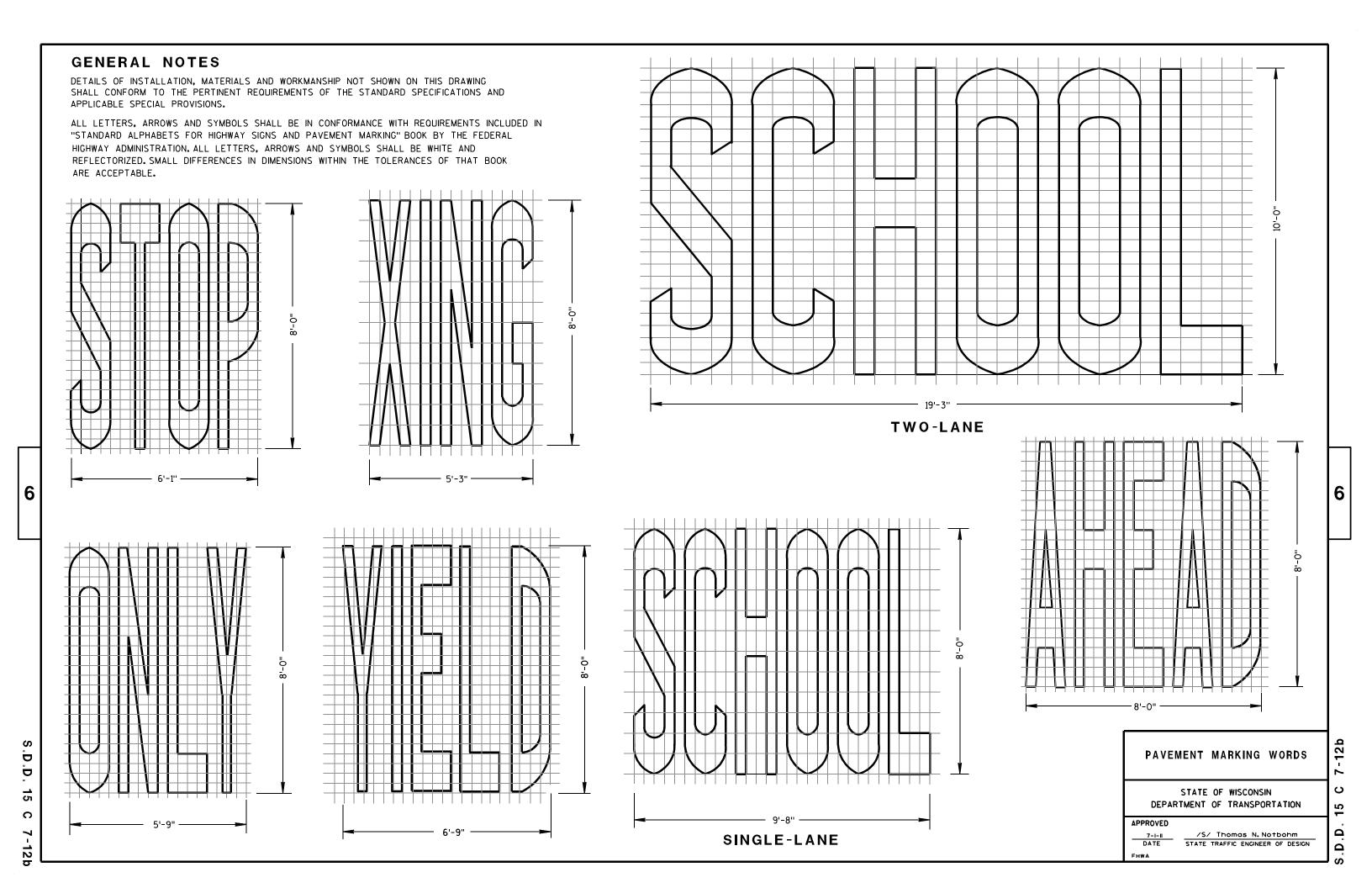
7/I/II /S/ DATE STATE

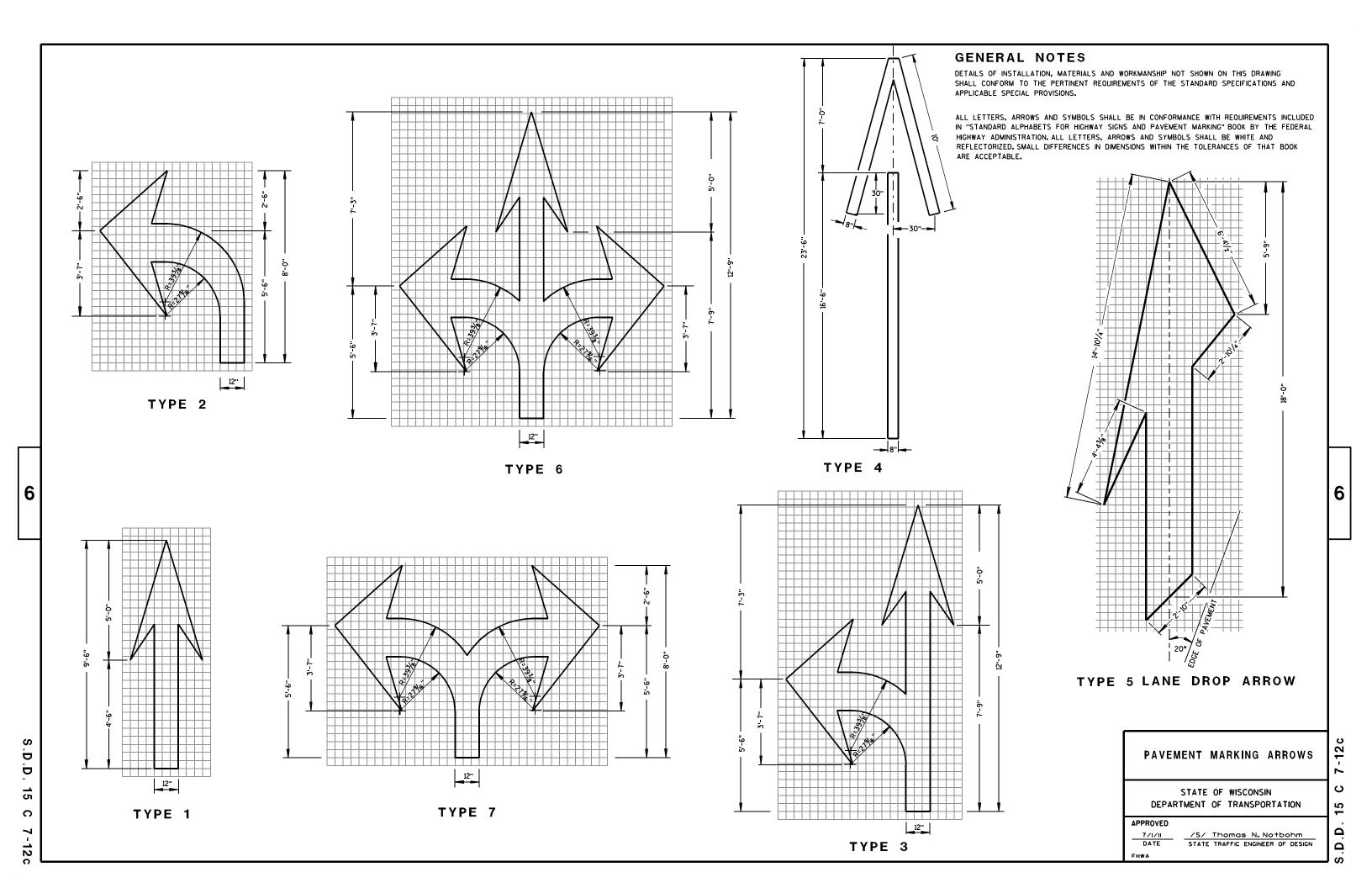
/S/ Thomas N Notbohm STATE TRAFFIC ENGINEER OF DESIGN 6

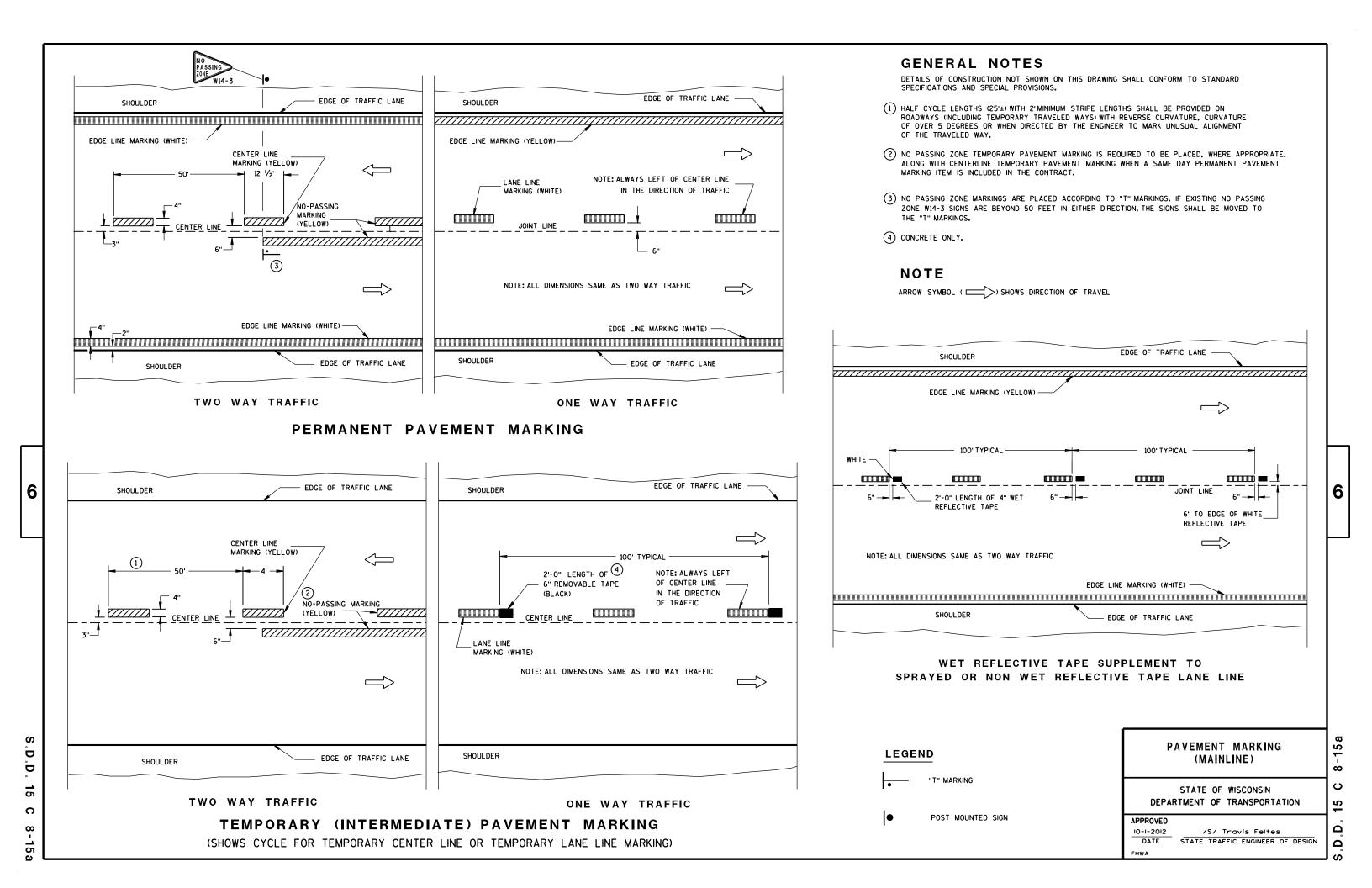
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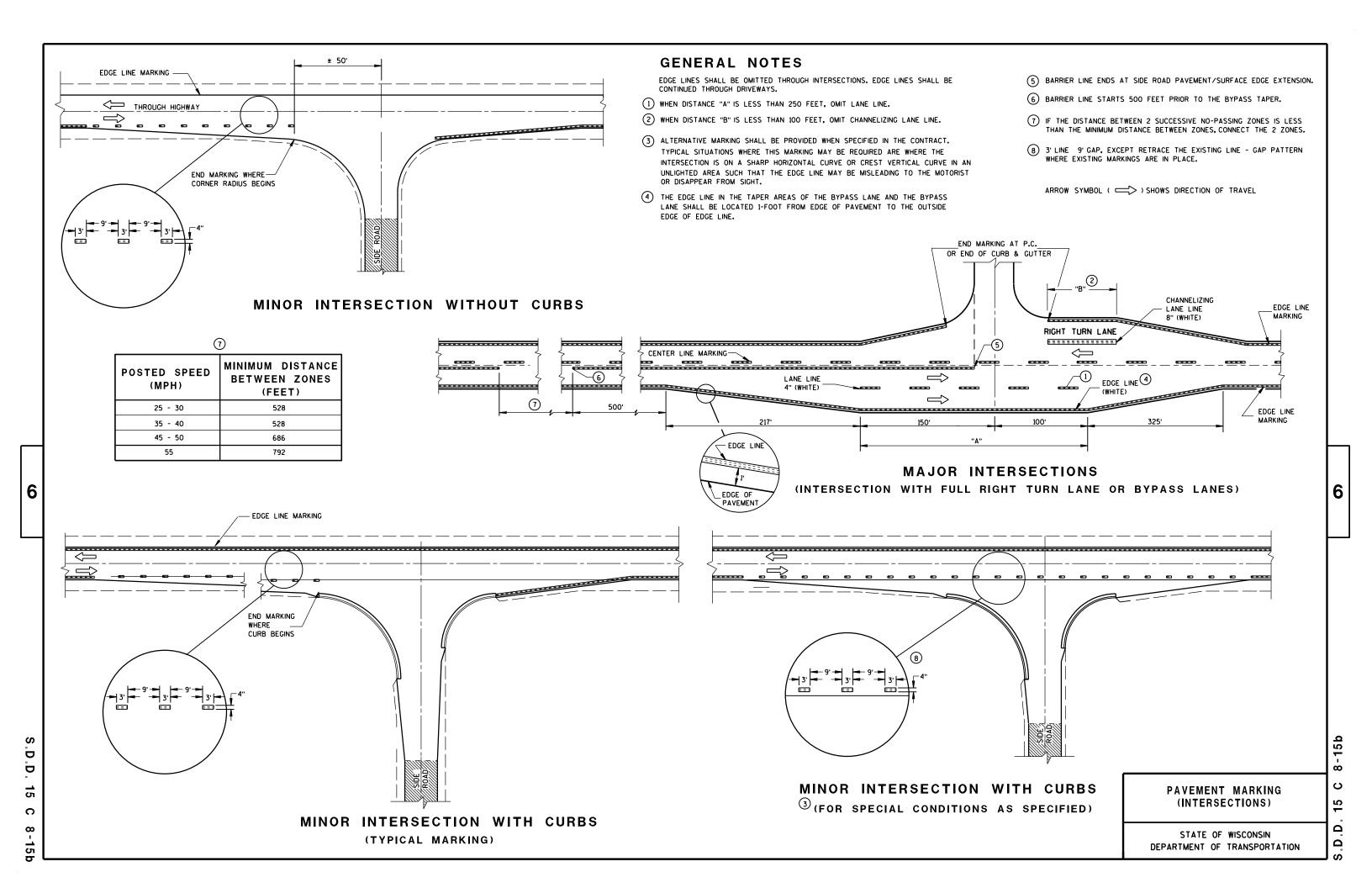
.D.D. 15 C 7-12a

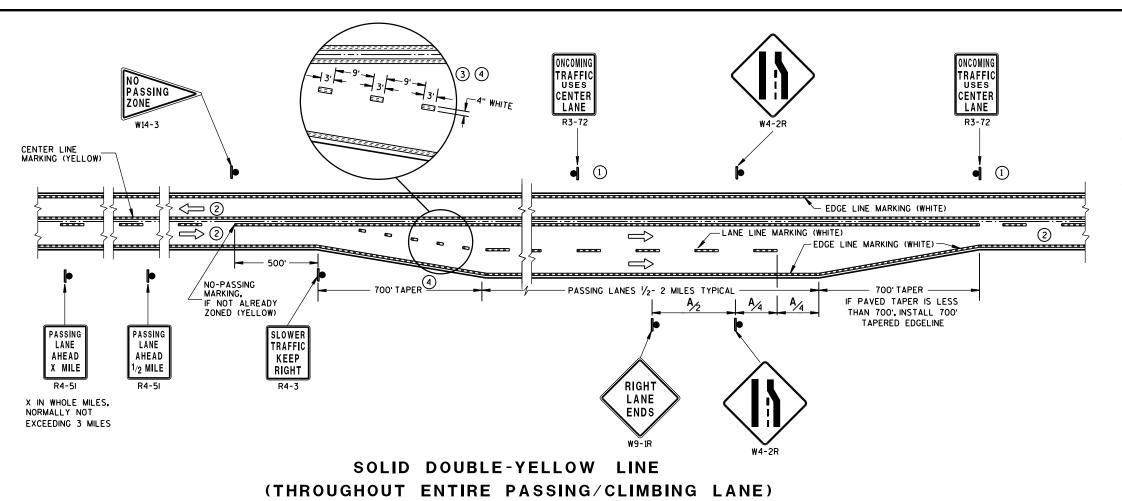
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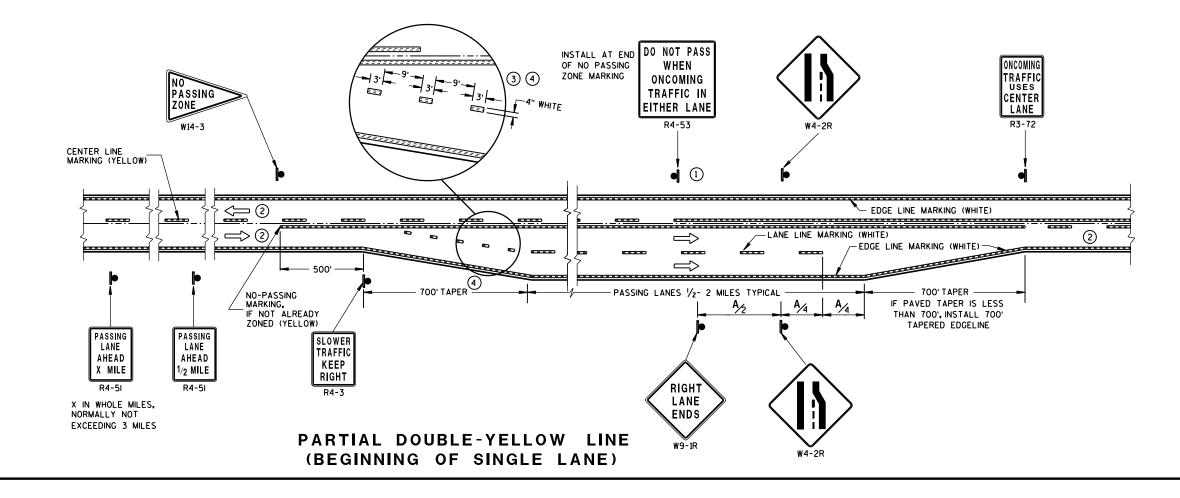
## GENERAL NOTES

- ① SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
- (2) THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- 3 THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3'LINE 9'GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING/CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL ( >> ) SHOWS DIRECTION OF TRAVEL

### DISTANCE TABLE

POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	750
50	850
55	950

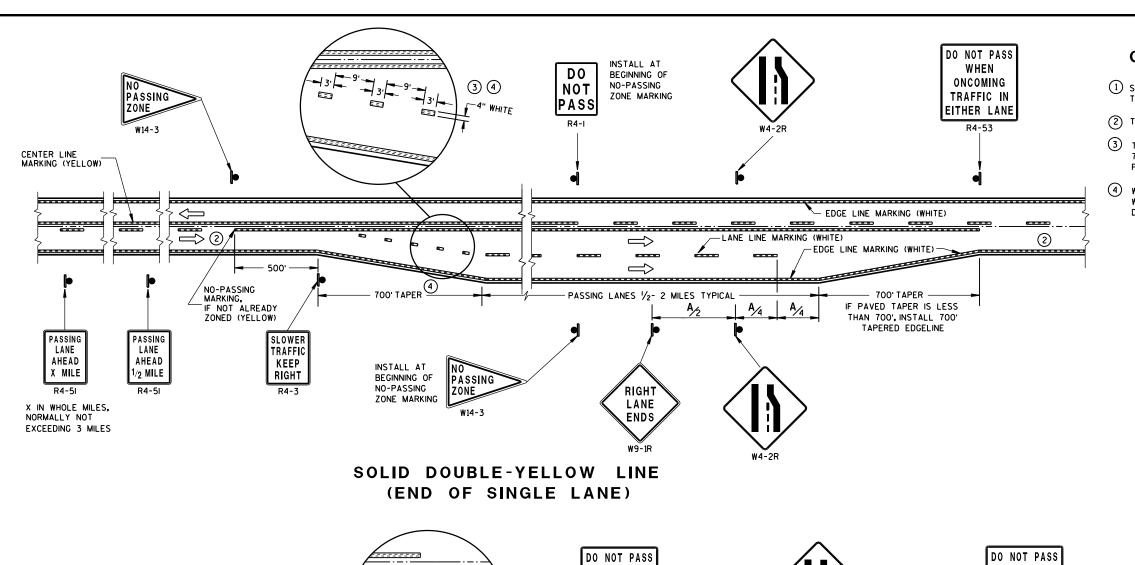


PAVEMENT MARKING & SIGNING
(CLIMBING LANE &
PASSING LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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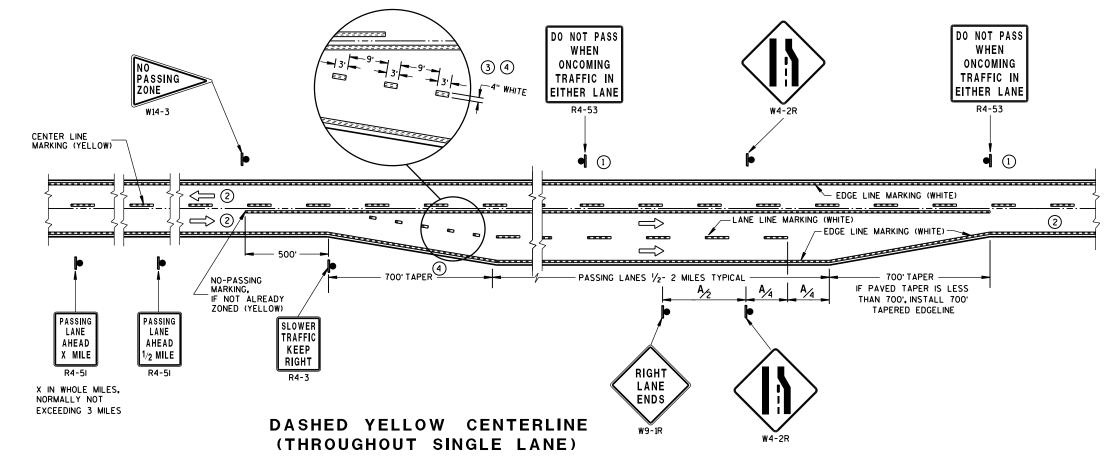
## **GENERAL NOTES**

- $\bigodot$  Sign shall be repeated at  $\ensuremath{\mathcal{V}}_2$  mile increments or at the discretion of the regional traffic engineer.
- (2) THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3'LINE 9'GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING/CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL ( ) SHOWS DIRECTION OF TRAVEL

### DISTANCE TABLE

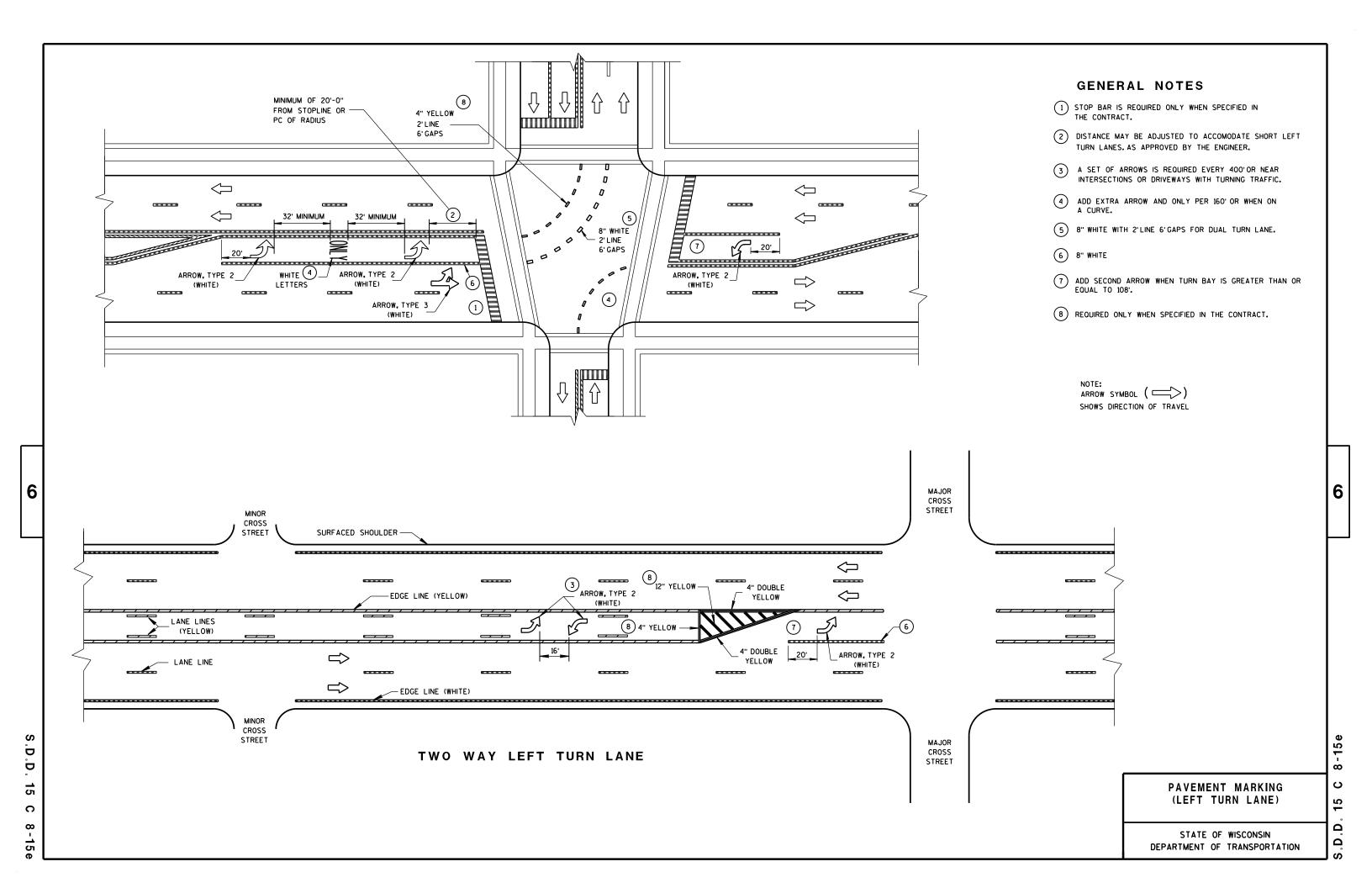
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	750
50	850
55	950

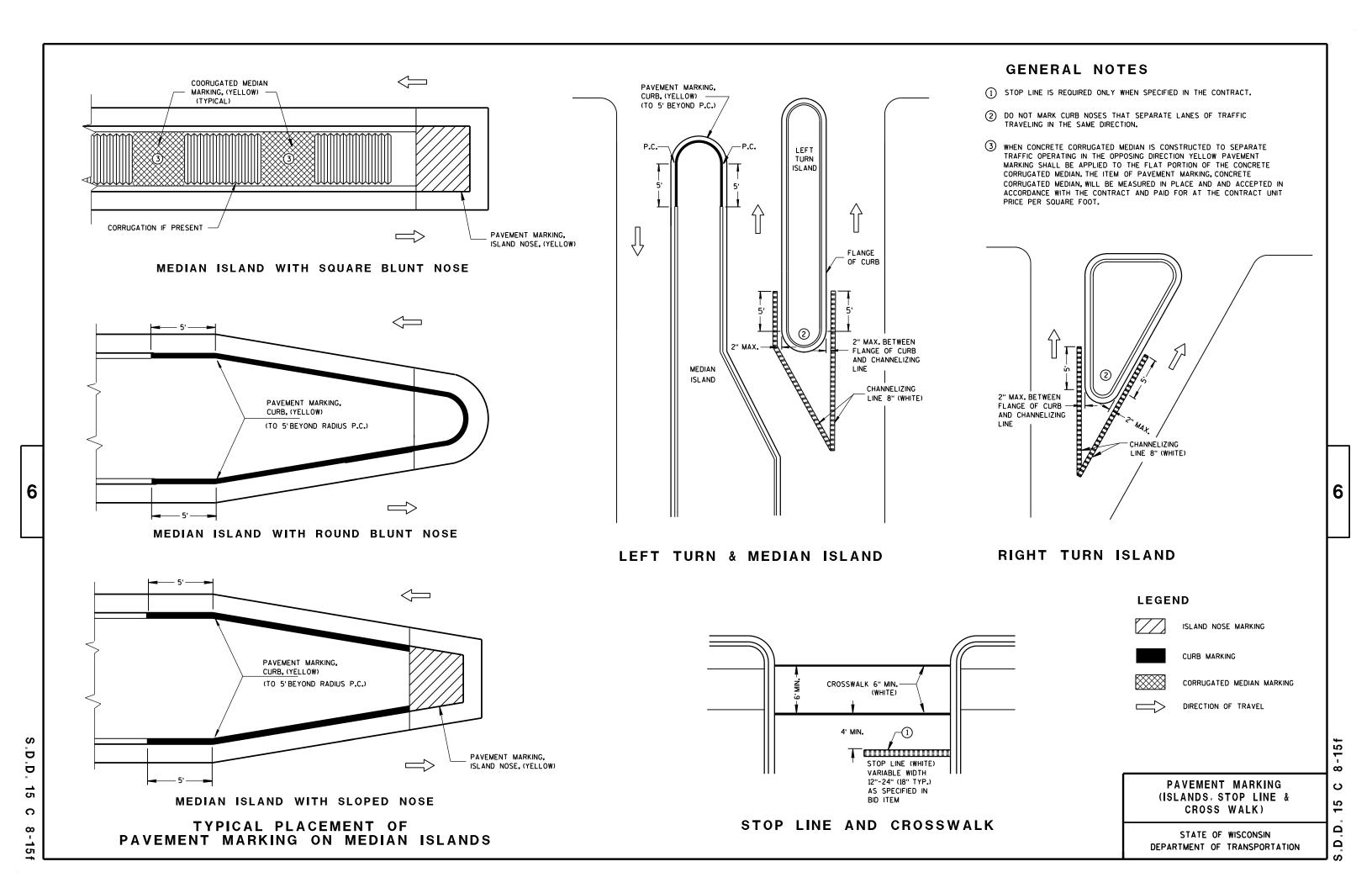


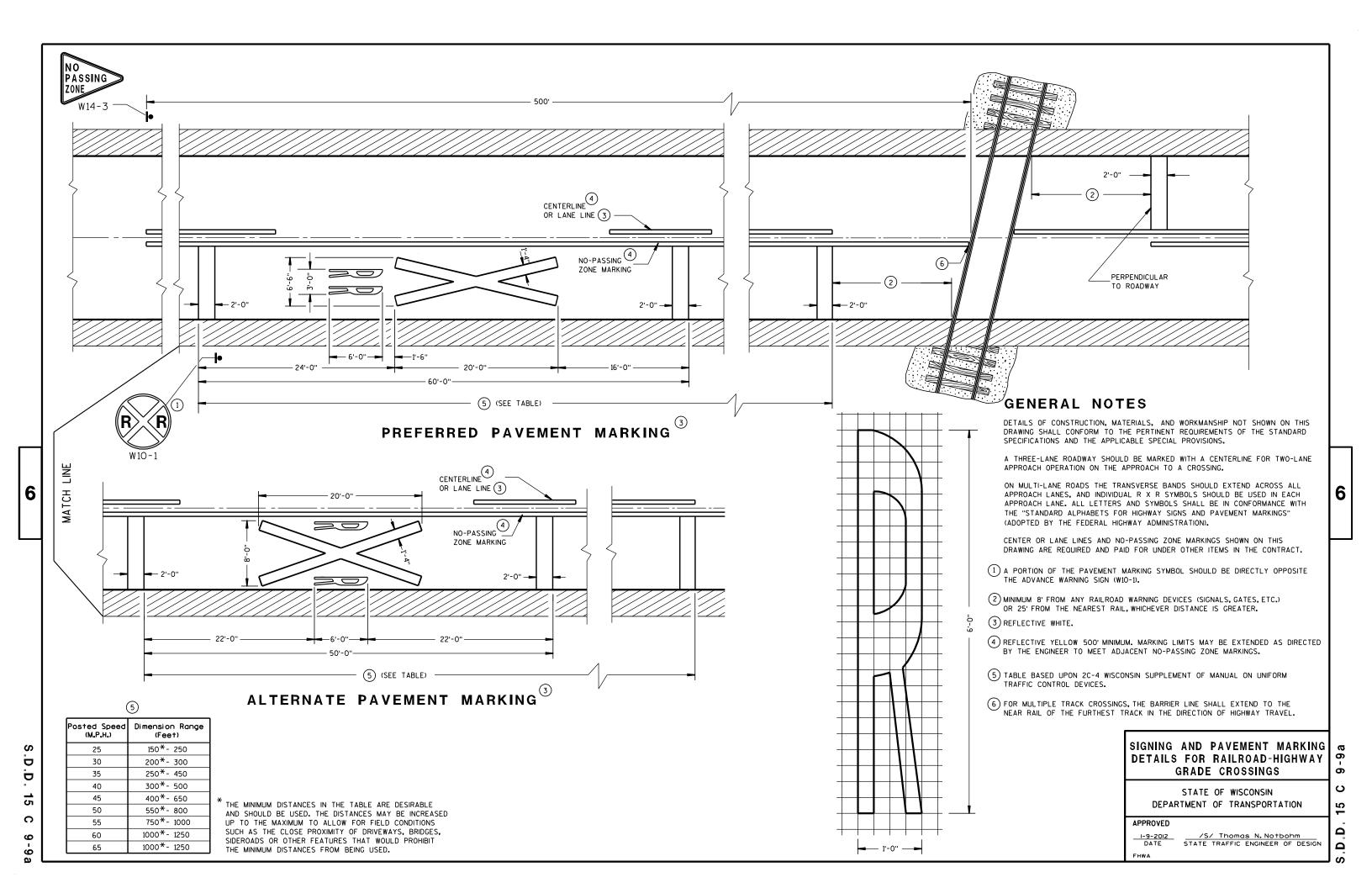
PAVEMENT MARKING & SIGNING (CLIMBING LANE & PASSING LANE)

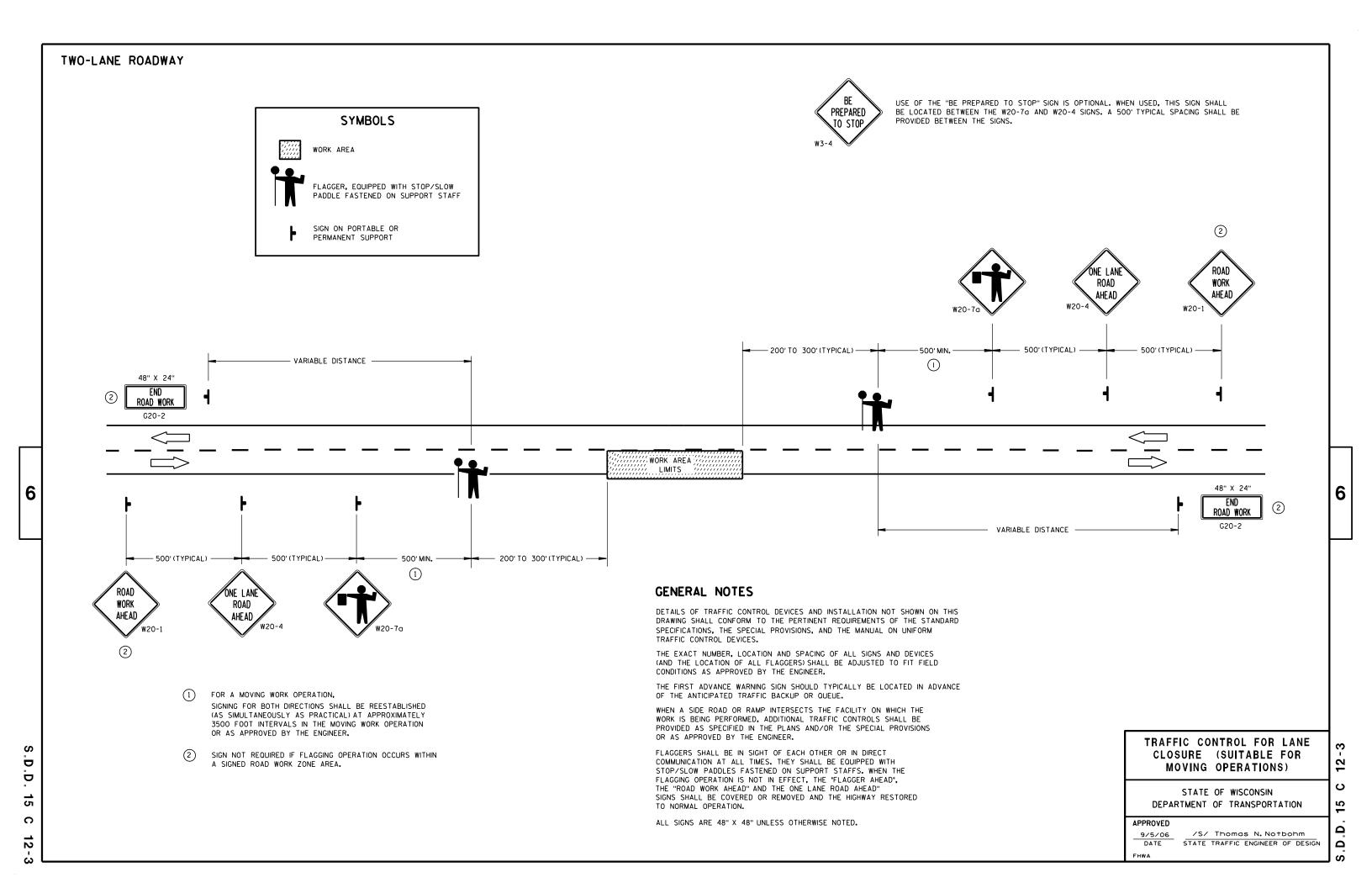
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

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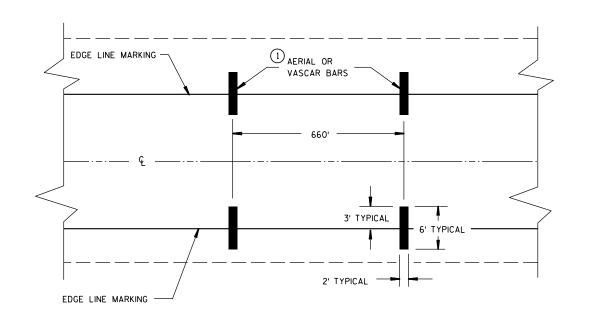


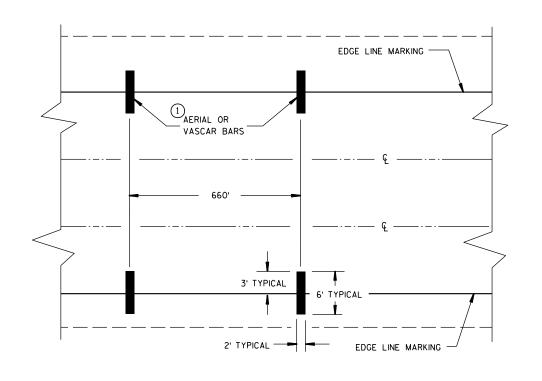




1) NUMBER OF VASCAR OR AERIAL BARS SHALL BE A MINIMUM OF 2 OR A MAXIMUM OF 5 AT 660' SPACING.

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





TYPICAL FOR TWO WAY OR ONE WAY TRAFFIC

TYPICAL FOR MULTILANE TRAFFIC

SPEED ENFORCEMENT ZONE WITH AERIAL OR VASCAR BARS

AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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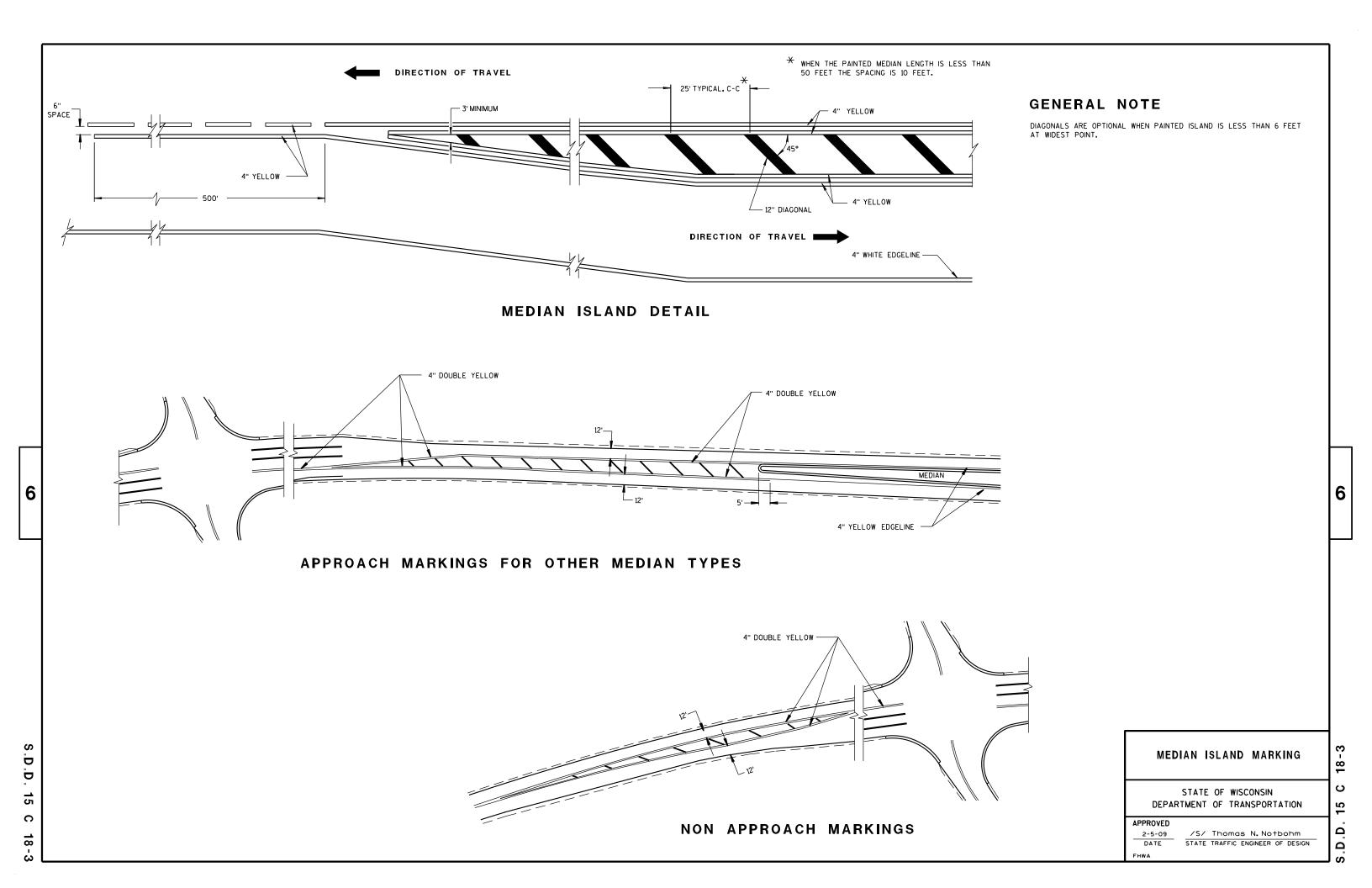
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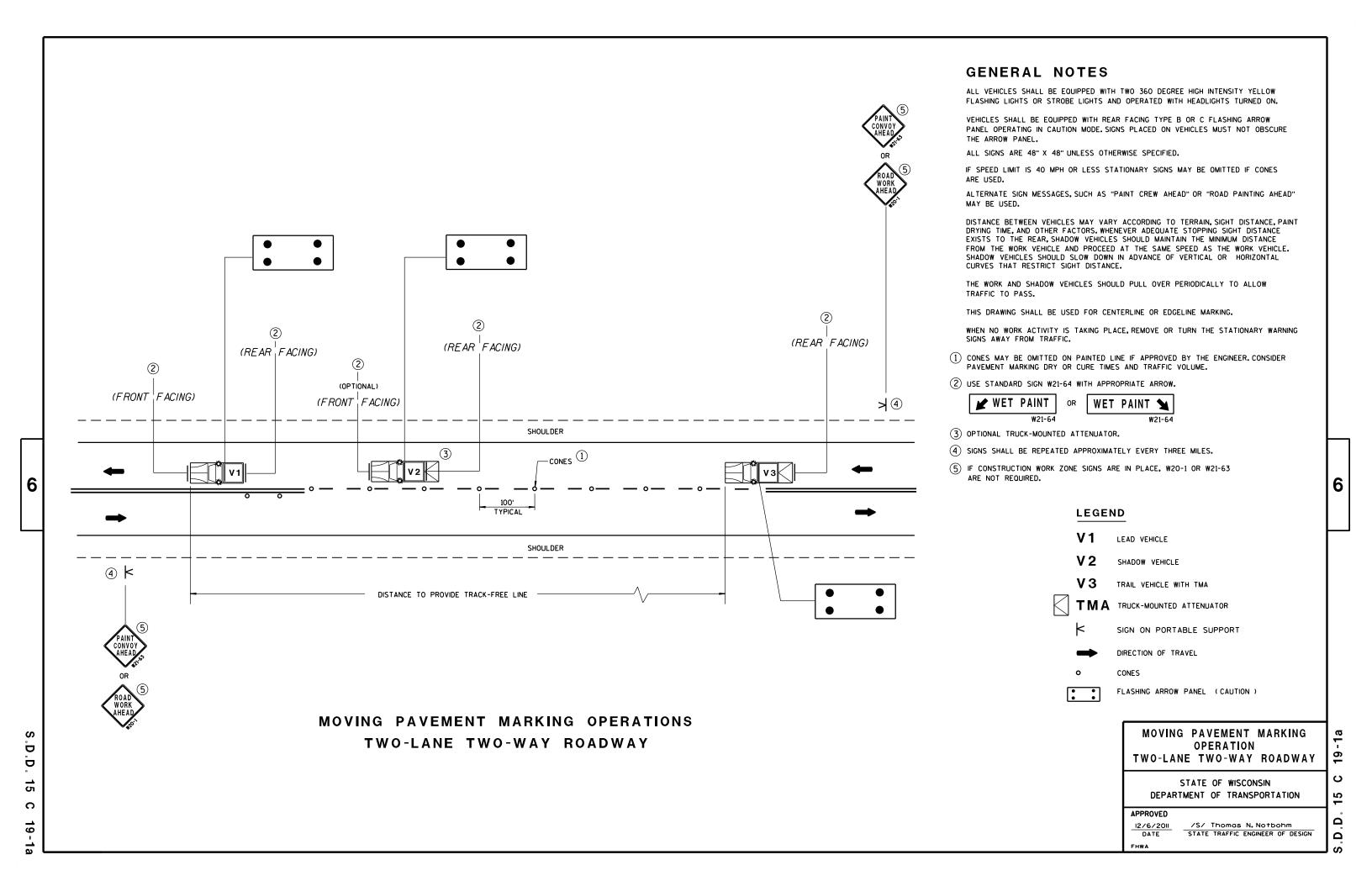
4/23/01 /S/ Chester J. Spang
CHIEF SIGNS AND MARKING ENGINEER

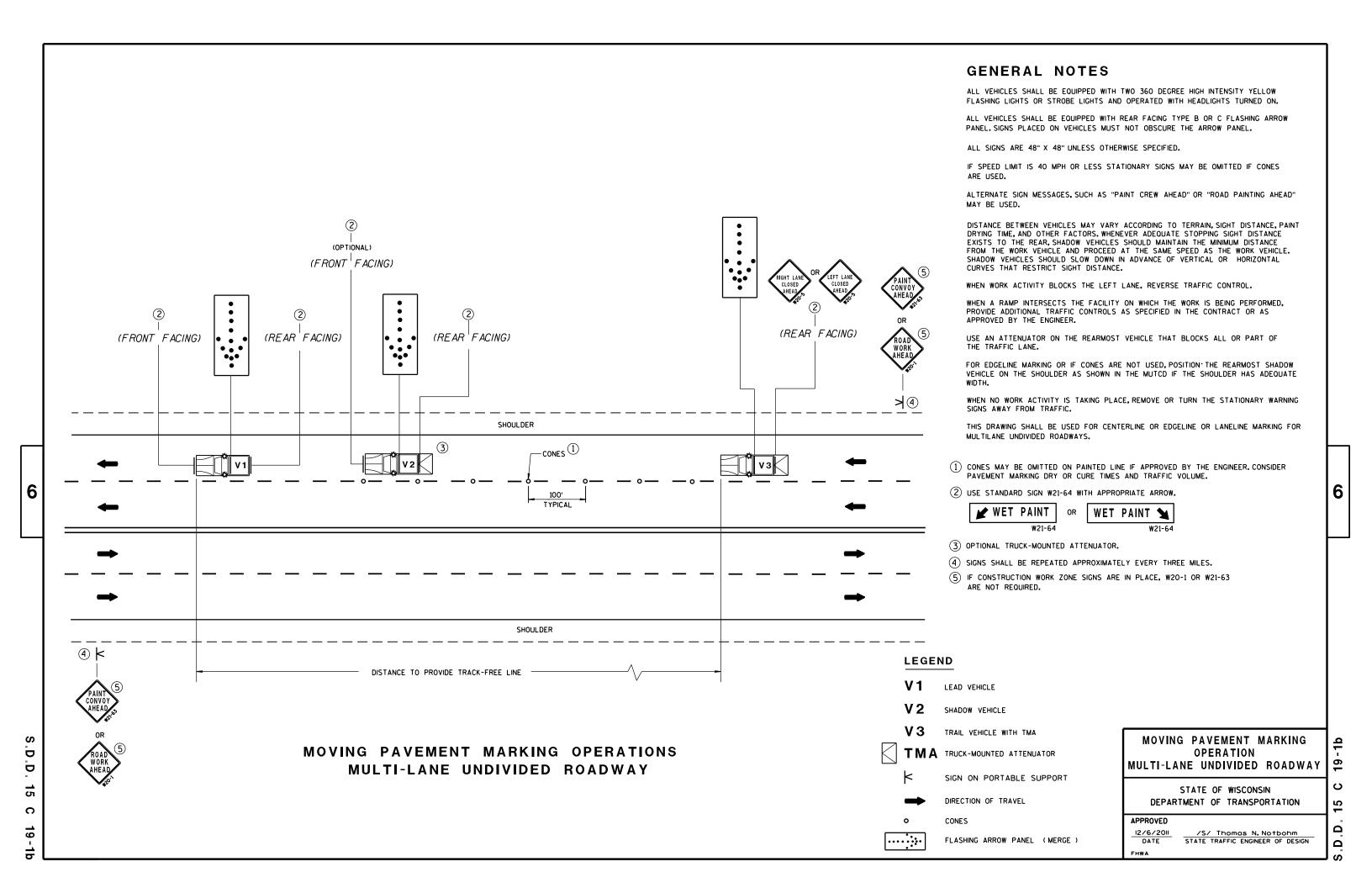
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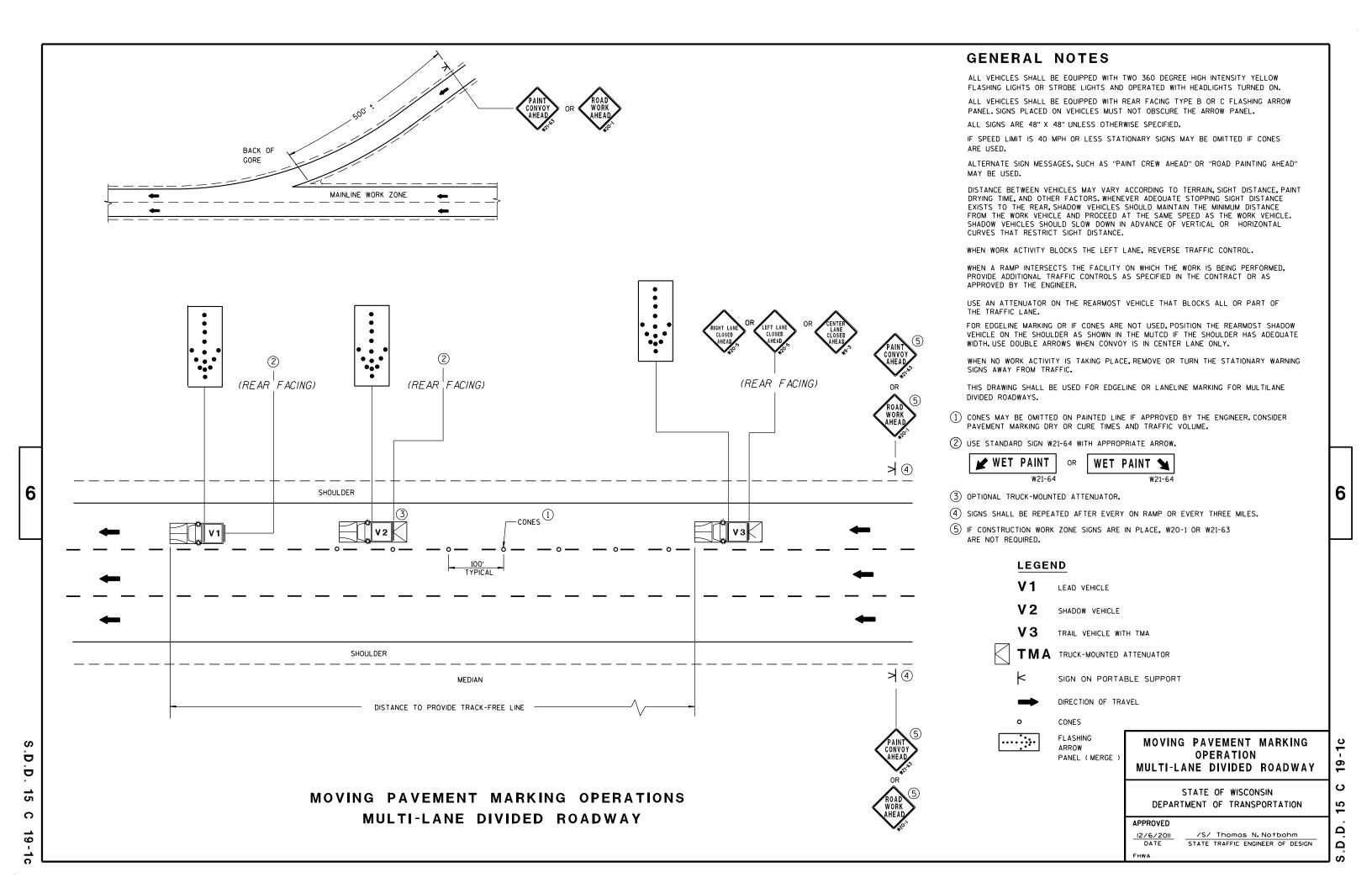
S.D.D. 15 C 14-1

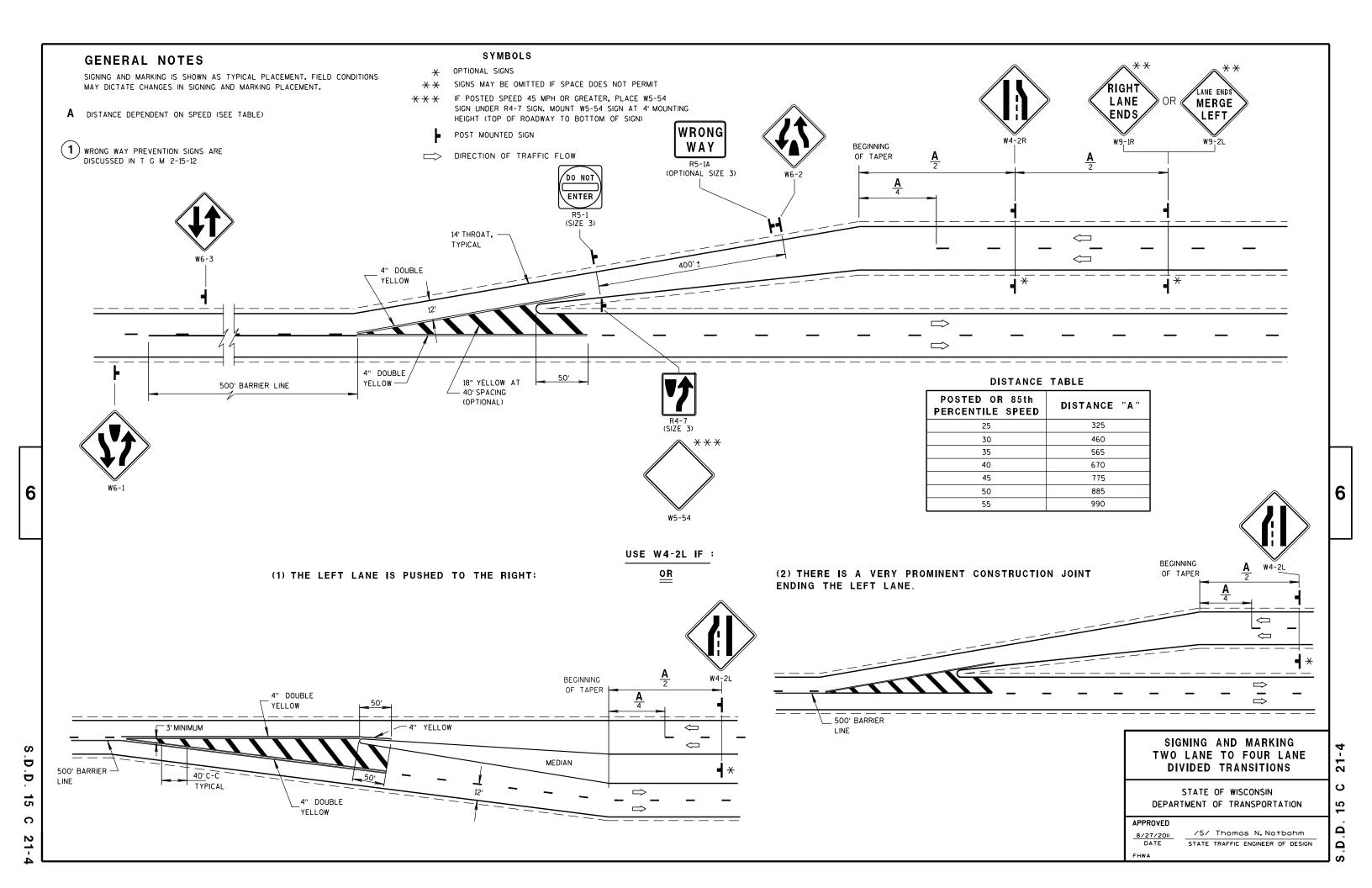
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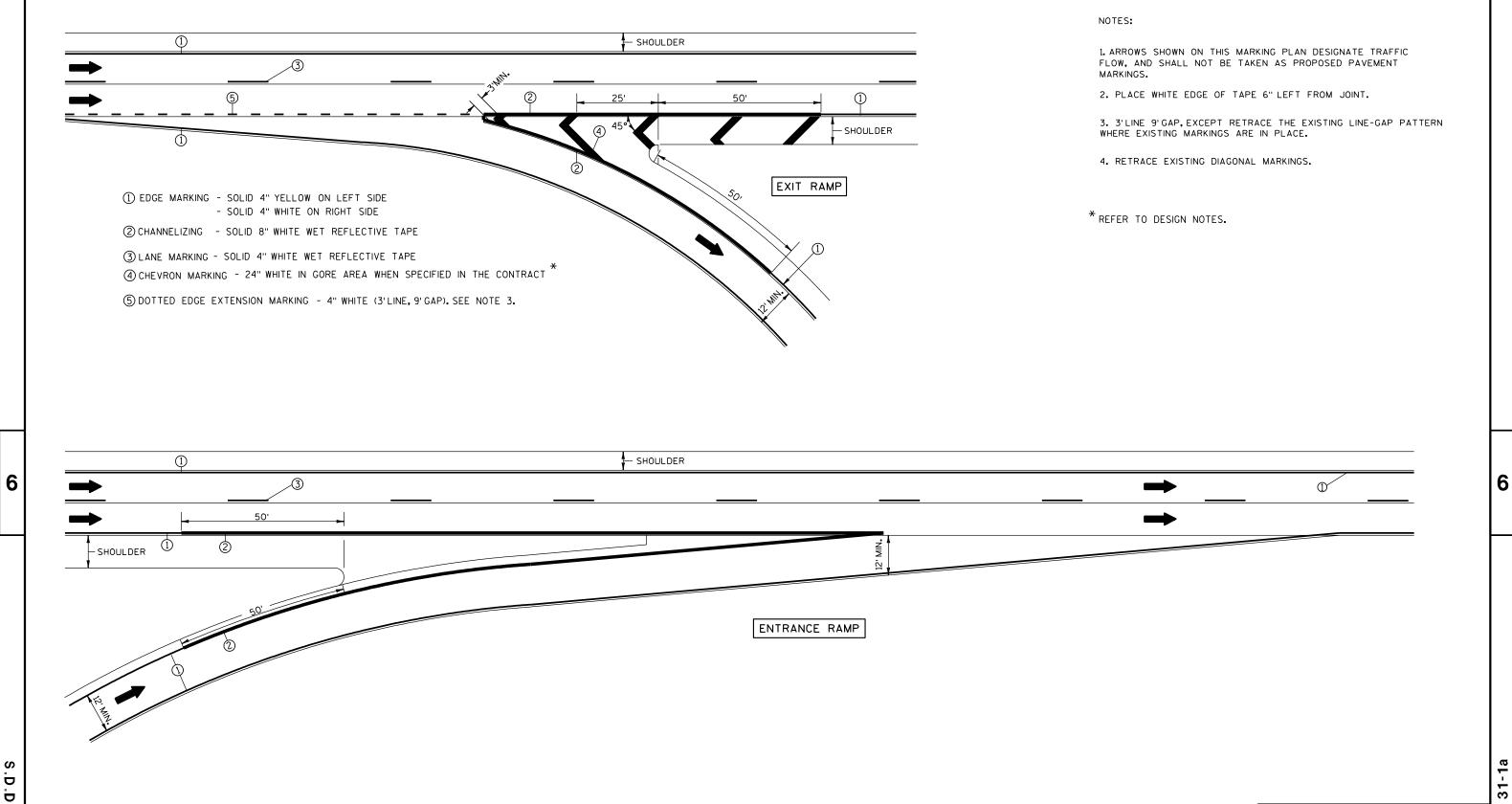










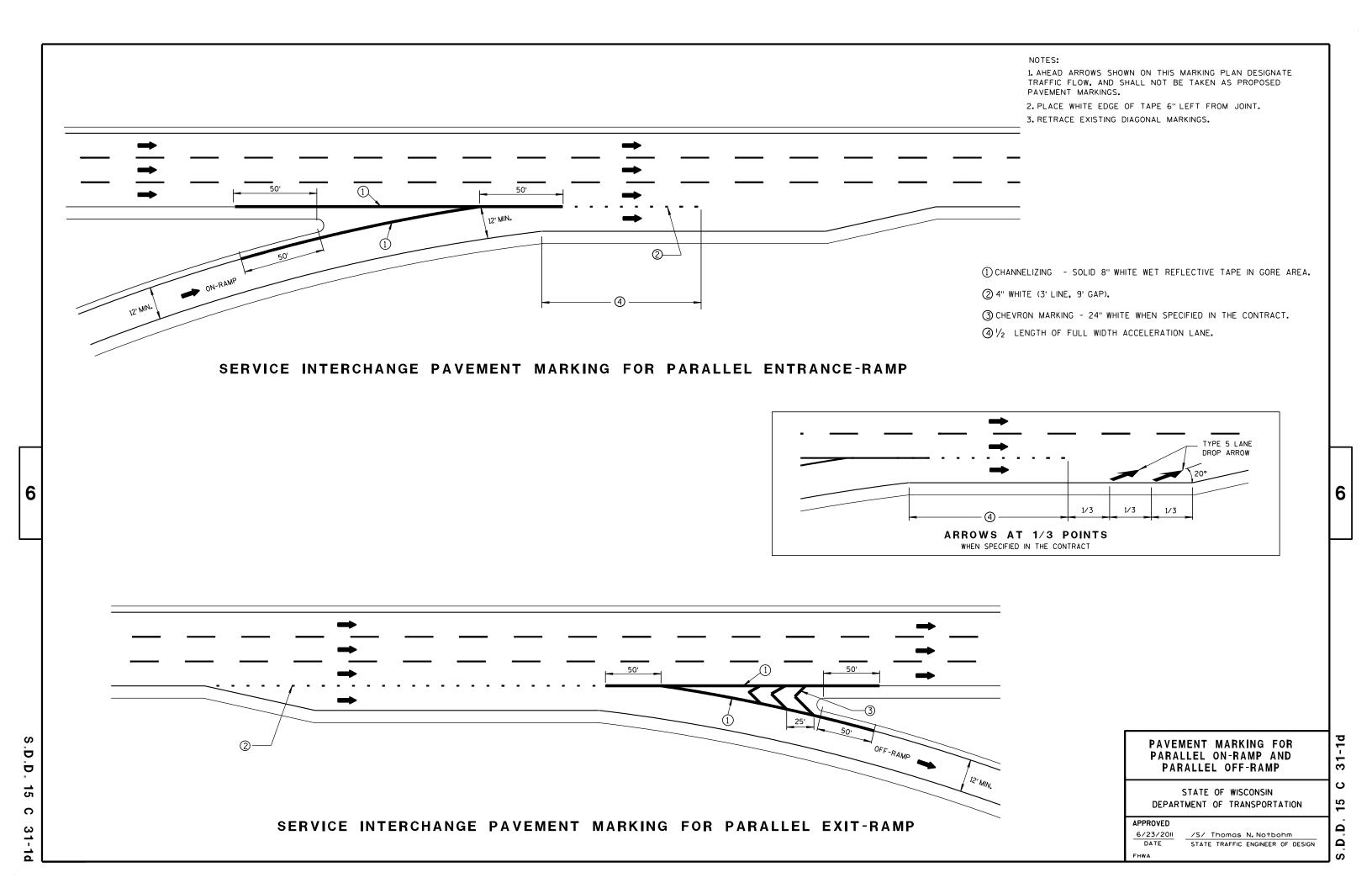


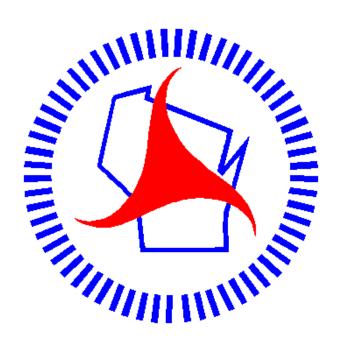
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3.D.D. 15 C 31-1a

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING (RAMPS AND GORES)





# Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

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