

GRE APR 2015

PROJECT ID: 1009-33-15
WITH: N/A

COUNTY: NE REGION WIDE

ORDER OF SHEETS

Section No. 1	Title
Section No. 2	Typical Sections and Details
Section No. 3	Estimate of Quantities
Section No. 3	Miscellaneous Quantities
Section No. 5	Plan
Section No. 6	Standard Detail Drawings
Section No. 7	Sign Plates
Section No. 8	Structure Plans

TOTAL SHEETS = 48



DESIGN DESIGNATION

A.A.D.T.	=
A.A.D.T.	=
D.H.V.	=
D.D.	=
T.	=
DESIGN SPEED	=
ESALS	=

CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	////
REFERENCE LINE	—
COMBUSTIBLE FLUIDS	CAUTION
UTILITIES	
ELECTRIC	— E —
FIBER OPTIC	— FO —
GAS	— G —
SANITARY SEWER	— SAN —
STORM SEWER	— SS —
TELEPHONE	— T —
WATER	— W —
UTILITY PEDESTAL	⊕
POWER POLE	⊕
TELEPHONE POLE	⊕

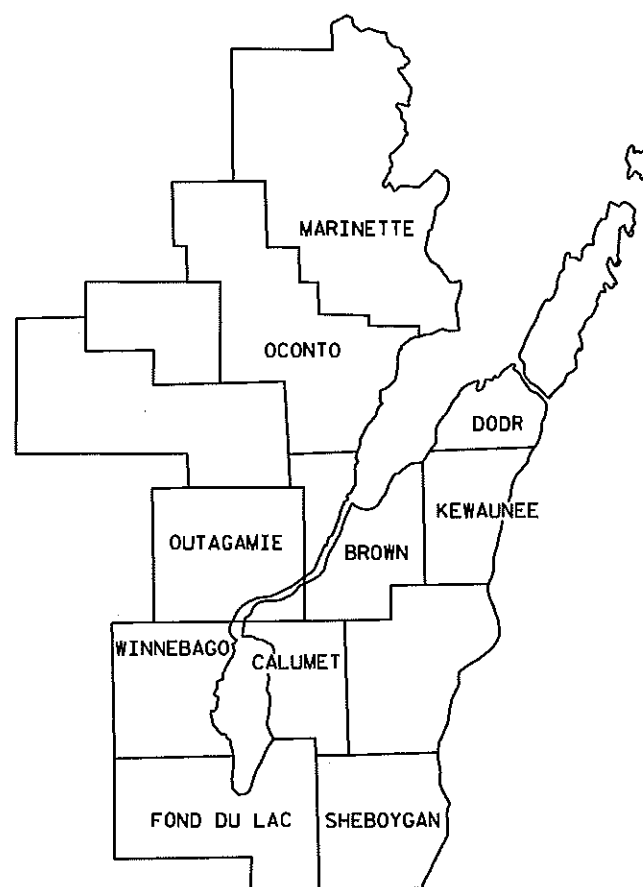
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

STATE HIGHWAY REHABILITATION-MAINTENANCE PROJECT

EPOXY PAVEMENT MARKING- STH/USH

VARIOUS STH/USH REGION WIDE
VAR HWY
NORTHEAST REGION WIDE

STATE PROJECT NUMBER
1009-33-15



LAYOUT
SCALE 0 20 MI.

TOTAL NET LENGTH OF CENTERLINE = 172.13 MI.

STATE PROJECT

1009-33-15

FEDERAL PROJECT

PROJECT

WISC 2015186

CONTRACT

1

GENERAL NOTES

THERE ARE NO UTILITY ADJUSTMENTS NECESSARY TO ACCOMMODATE
THE WORK UNDER THIS PROJECT.

BROWN CO	12.10 MILES
CALUMET CO	4.05 MILES
DOOR CO	15.33 MILES
FOND DU LAC CO	18.00 MILES
KEWAUNEE CO	3.55 MILES
MARINETTE CO	8.26 MILES
OCONTO CO	8.16 MILES
OUTAGAMIE CO	25.43 MILES
SHEBOYGAN CO	35.15 MILES
WINNEBAGO CO	42.10 MILES
TOTAL	172.13 MILES

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PREPARED BY

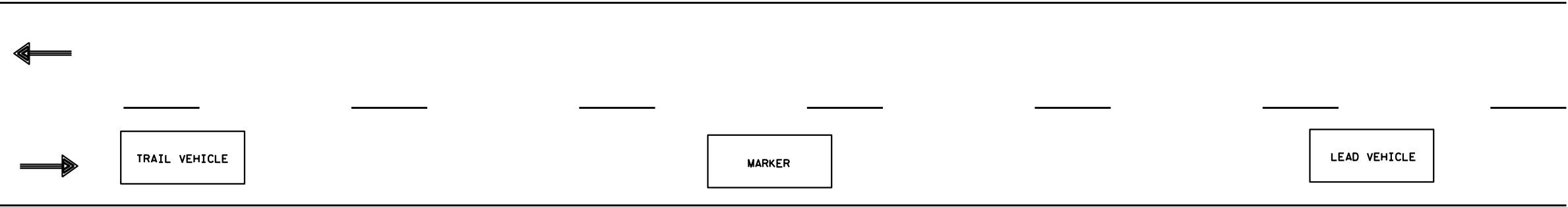
Surveyor	
Designer	S HERLACHE
Project Manager	
District Examiner	
District Supervisor	M FREWARD
C.O. Examiner	

APPROVED FOR DISTRICT OFFICE

DATE: 12/1/14 (Signature)

E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



FRONT AND REAR ARROW BOARDS

SIGN FACING REAR
"ROADWAY MARKING"
* VEHICLE CONVOY
WET ** LINE

REAR ARROW BOARD

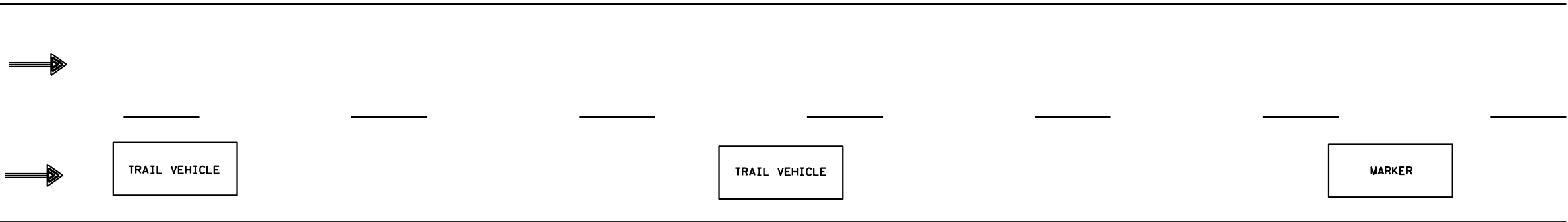
SIGN FACING REAR
"WET PAINT/EPOXY"
FREQUENT STOPS

FRONT AND REAR ARROW BOARDS

SIGN FACING FRONT
"ROADWAY MARKING"
KEEP RIGHT

SIGN FACING REAR
"ROAD MARKING"
* VEHICLE CONVOY
WET ** LINE

CONVENTIONAL ROADWAYS



SIGN
"ROADWAY MARKING"
* VEHICLE CONVOY
WET ** LINE

SIGN
"ROADWAY MARKING"
* VEHICLE CONVOY
WET ** LINE

SIGN
"WET PAINT/EPOXY"
FREQUENT STOPS

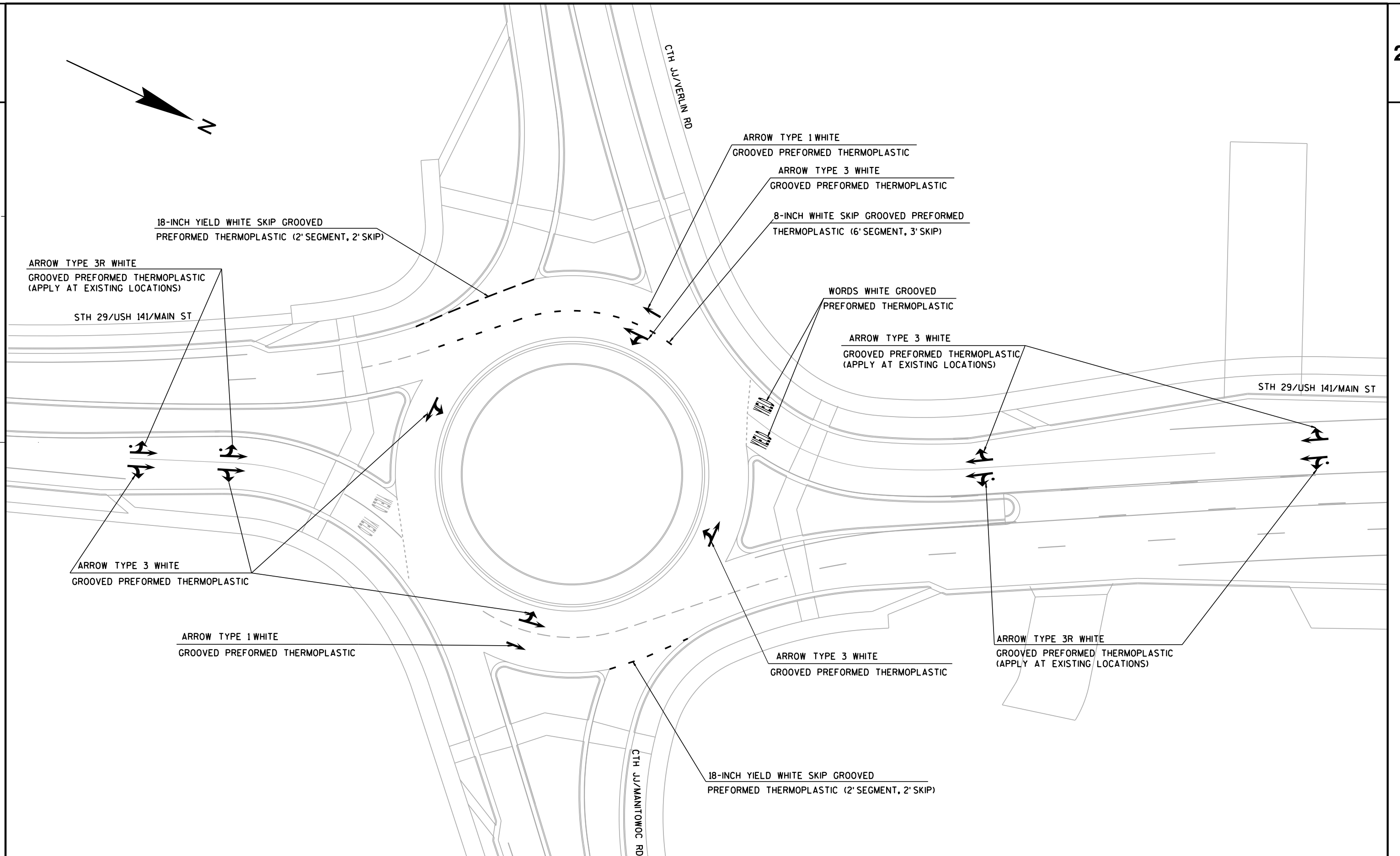
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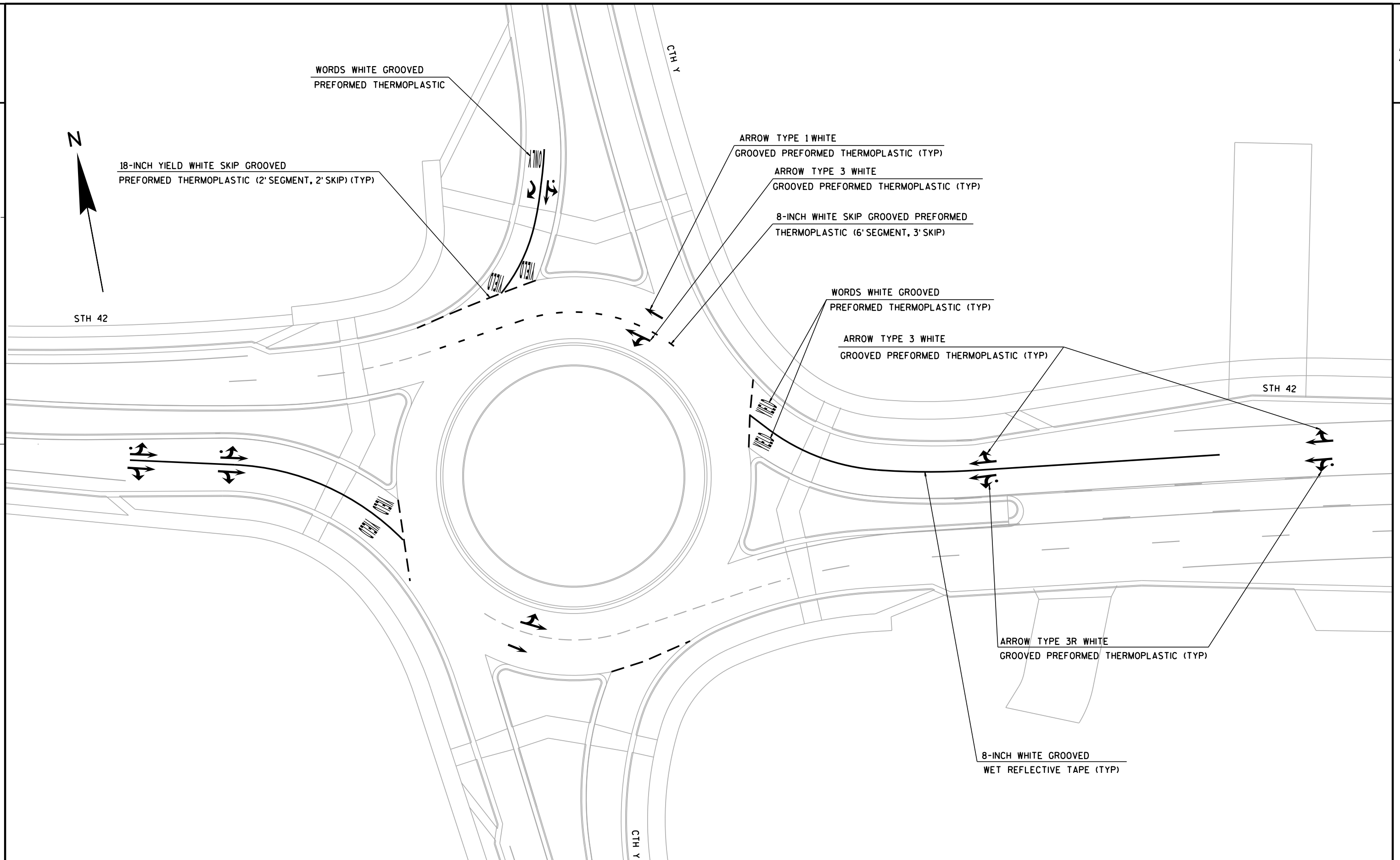
ALL VEHICLES SHALL HAVE FLASHING WARNING LIGHTS, FRONT AND REAR.

PAINT GUN CARRIAGES, RIGHT AND LEFT, SHALL HAVE FLASHING CLEARANCE MARKER LIGHTS, YELLOW TO THE FRONT AND RED TO THE REAR, ON THE OUTSIDE OF THE OUTRIGGER ASSEMBLY.

DIVIDED ROADWAYS
(ALL SIGNS AND ARROW BOARDS FACING REAR)

* NUMBER OF VEHICLES IN CONVOY
** COLOR OF MARKING MATERIAL





DATE 12FEB15			E S T I M A T E O F Q U A N T I T I E S		
LINE			1009-33-15		
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	619.1000	Mobilization	EACH	1.000	1.000
0020	643.0100	Traffic Control (project) 01. 1009-13-15	EACH	1.000	1.000
0030	646.0106	Pavement Marking Epoxy 4-Inch	LF	3,462,095.000	3,462,095.000
0040	646.0126	Pavement Marking Epoxy 8-Inch	LF	134,685.000	134,685.000
0050	646.0881.S	Pavement Marking Grooved Wet Reflective Tape 4-Inch	LF	750.000	750.000
0060	647.0166	Pavement Marking Arrows Epoxy Type 2	EACH	14.000	14.000
0070	647.0356	Pavement Marking Words Epoxy	EACH	10.000	10.000
0080	647.0566	Pavement Marking Stop Line Epoxy 18-Inch	LF	705.000	705.000
0090	647.0803	Pavement Marking Aerial Enforcement Bars Epoxy 24-Inch	LF	336.000	336.000
0100	SPV.0060	Special 01. Pavement Marking Grooved Preformed Thermoplastic Arrows Type 1	EACH	4.000	4.000
0110	SPV.0060	Special 02. Pavement Marking Grooved Preformed Thermoplastic Arrows Type 3r	EACH	9.000	9.000
0120	SPV.0060	Special 03. Pavement Marking Grooved Preformed Thermoplastic Arrows Type 3	EACH	12.000	12.000
0130	SPV.0060	Special 04. Pavement Marking Grooved Preformed Thermoplastic Words	EACH	13.000	13.000
0140	SPV.0060	Special 05. Pavement Marking Grooved Preformed Thermoplastic Arrows Type 2	EACH	1.000	1.000
0150	SPV.0090	Special 01. Pavement Marking Grooved Preformed Thermoplastic 8-Inch	LF	392.000	392.000
0160	SPV.0090	Special 02. Pavement Marking Grooved Preformed Thermoplastic Yield Line 18-Inch	LF	182.000	182.000

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.0106 EPOXY 4-INCH			646.0126 EPOXY 8-INCH LF	647.0803 Aerial Enforcement Epoxy 24-Inch LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF			
IH 43		18.00						
From: Sheboygan SCL	0.00							Sheboygan/Ozaukee County Line
To: STH 42	17.90							STH 42 (Exit 128)
North Bound			86,000		93,000			Main Line Edge Lines
STH 32			1,800	140	800			Exit Mini Dash / Ramp Edge Lines`
STH 32/Aerial Bars			2,115		950		24	Ramp Edge Lines / 2 Sets Aerial Bars
CTH AA			1,800	150	845			Exit Mini Dash / Ramp Edge Lines
CTH AA			2,115		950			Enterance Ramp Edge Lines
Aerial Enforcement Bars							60	5 Sets Begin 1 Mi South of CTH V/OK
CTH V/OK			1,900		950			Mini Dash @ Exit/Ramp Edge Lines
CTH V/OK			2,220		1,000			Enterance Ramp Edge Lines
STH 28			1,800		800			Mini Dash @ Exit/Ramp Edge Lines
STH 28			1,960		800			Enterance Ramp Edge Lines
STH 23/IH 43 Interchange			28,860		21,100			All Ramps @ Interchange
STH 42			1,530		700			Mini Dash @ Exit/Ramp Edge Lines
STH 42			2,165		1,060			Enterance Ramp Edge Lines
South Bound			84,000		94,250			Rt/Lt Edgelines
STH 42			1,795		1,225	740		Exit Gore/Ramp Edge Lines
STH 42			1,745		580			Enterance Ramp Edge Lines
STH 28			1,425		580			Mini Dash @ Exit/Ramp Edge Lines
STH 28			2,000		740			Enterance Ramp Edge Lines
CTH V/OK			1,700		800			Mini Dash @ Exit/Ramp Edge Lines
CTH V/OK			2,060		950			Enterance Ramp Edge Lines
Aerial Enforcement Bars							60	5 Sets Begin 1 Mi North of CTH V/OK
CTH AA			1,800	175	845			Exit Mini Dash / Ramp Edge Lines
CTH AA			2,000		800			Enterance Ramp Edge Lines
STH 32			1,745	160	800			Exit Mini Dash / Ramp Edge Lines
STH 32			2,165		900		24	Ramp Edge Lines / 2 Sets Aerial Bars
PAGE SUBTOTALS			236,700	625	225,425	740	168	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.0106 EPOXY 4-INCH			646.0126	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	
STH 26		1					
From: South Ramps USH 151	0.00						South Ramps @ Jct USH 151
To: Cattaraugus Rd	1.00						Pvmt Change @ Cattaraugus Rd
North Bound			4,600	1,400	5,630		Edge Lines/ Lane Line
Rt Turn USH 151 NB						75	Rt Turn USH 151 NB
Lt Turn USH 151 SB/STH 26 SB						130	Lt Turn USH 151 SB/STH 26 SB
Lt Turn Frontage Rd						220	Lt Turn Frontage Rd
Lt Turn Cattaraugus Rd						200	Lt Turn Cattaraugus Rd
South Bound			5,120	1,400	5,500		
Lt/Rt Turn Cattaraugus Rd						265	Lt/Rt Turn Cattaraugus Rd
North Frontage Rd						270	Solid/Dash Rt Turn
STH 26 SB/USH 151 SB						800	Gore @ Enterance
USH 151 NB						130	Lt Turn
PAGE SUBTOTALS			9,720	2,800	11,130	2,090	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.0106 EPOXY 4-INCH			646.0126	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	
STH 28		13					
From: Sheb/wash Co	0.00						Sheb/wash County Line
To: waldo	13.00						Jct STH 57
East Bound			62,000		96,625		Edgeline/Centerline
STH 144						100	Right Turn
Abbott Dr						100	Right Turn
CTH SS						100	Right Turn
CTH A						100	Right Turn
CTH S/W						100	Right Turn
Blueberry Rd						100	Right Turn
west Bound			62,000				Edgeline
Blueberry Rd						100	Right Turn
CTH V						100	Right Turn
CTH E						100	Right Turn
CTH F						100	Right Turn
CTH SSS/S				20		200	Edgeline extension/Gore
CTH W						100	Right Turn
CTH SS						100	Right Turn
CTH A						100	Right Turn
CTH SS/A						100	Right Turn
Brazelton Dr						100	Right Turn
STH 144/CTH D						100	Right Turn
PAGE SUBTOTALS			124,000	20	96,625	1,800	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.0106 EPOXY 4-INCH			646.0126	647.0566	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	STOP LINE EPOXY 18-INCH LF	
STH 32		10.0						
From: Deuster	65.35							Greenleaf
To: Depere	75.45							Cook St
North Bound			34,600		15,200			Edgeline/Centerline
Van Veghels						100		Rt Turn
Scotchwood						100		Rt Turn
CTH X						200		Rt Turn
Cook ST						100	40	Lt Turn
South Bound			38,650					Edgeline/Centerline
CTH X						100		Rt Turn
Van Veghels				75				Bypass Ln
PAGE SUBTOTALS			73,250	75	15,200	600	40	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.0106 EPOXY 4-INCH			646.0126	647.0566	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	STOP LINE EPOXY 18-INCH LF	
STH 42		3.75						
From: IH 43	3.75							Begin North of Vanguard RAB
To: Howards Grove	7.50							End Howards Grove Jct STH 32/42
North Bound			17,500	1,400	12,000			Lane Line/Center Line/Edge Line
Edge Line Left					5,000			Begin North of Vanguard RAB
Median						120		Lt Turn
Windward Ct/Median						120		Lt Turn
Median						120		Lt Turn
Playbird						120		Rt Turn
CTH Y Dual Lane RAB								CTH Y RAB
CTH JJ Single Lane RAB								CTH JJ/Garton Rd
Rangeline Rd						100		Rt Turn
Brookdale Rd						200		Rt Turn
Audubon Rd				65				Bypass Ln
Howards Grove							20	Jct STH 32/42
South Bound			17,000	1,400				Edge Line/Lane Line
Edge Line Left					5,000			End North of Vanguard RAB
Audubon						200		Rt Turn
Brookdale						200		Rt Turn
CTH JJ Single Lane RAB								Single Lane RAB
CTH Y Dual Lane RAB								Dual Lane RAB
Playbird						100		Slotted left turn island gore
Median						100		Lt Turn
Median						150		Lt Turn Frontage Rd
PAGE SUBTOTALS			34,500	2,865	22,000	1,530	20	

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PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.0106 EPOXY 4-INCH			646.0126	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	
STH 47		8					
From: STH 54	20.00						Jct STH 54 (Black Creek)
To: Outagamie NCL	27.85						Outagamie/Shawano County Line
North Bound			39,600		45,000		Edgeline/Centerline
CTH G						200	Right Turn
Deer View Rd				65			Bypass Lane
North of old STH 47				1,745			Begin Climbing Lane/mini dash/Lane Line
CTH V V						200	Right Turn
CTH F						100	Right Turn
South Bound			39,500				Edgeline
CTH F				300			Right Turn
CTH V V				65			Bypass Lane
Deer View Rd						100	Right Turn
CTH G						100	Right Turn
North of CTH G				1,050			Begin Climbing Lane/mini dash/Lane Line
PAGE SUBTOTALS			79,100	3,225	45,000	700	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.0106 EPOXY 4-INCH		646.0126	647.0566	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	STOP LINE EPOXY 18-INCH LF	
STH 55		13.75					
From: USH 41	23.00						Kaukauna
To: STH 54	36.75						Jct STH 54/55
North Bound			68,425	32,840			
CTH JJ					210		Rt Turn
CTH UU					195		Rt Turn
CTH E						25	Jct CTH E North Bound
CTH S					160		Rt Turn
CTH J					100		Rt Turn
Jct STH 54					175	35	Stop Bar/Island Median
South Bound			66,950				
CTH J					100		Rt Turn
CTH S					160		Rt Turn
CTH E					100	30	Rt Turn
Sonnie Ln					200		Rt Turn
CTH JJ/CC					150		Rt Turn
PAGE SUBTOTALS			135,375	32,840	1,550	90	

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BY WisDOT - NE REGION

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.0106 EPOXY 4-INCH			646.0126	647.0803	647.0566	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	Aerial Enforcement Epoxy 24-Inch LF	STOP LINE EPOXY 18-INCH LF	
STH 57		21.00							
From: Gravel Pit Rd	36.95								Bayshore Park (Brown County)
To: S Jct 42/57	57.85								Jct STH 42/CTH MM South Bound (Door County)
North Bound			107,125		108,800				Edge Lines
Quarry Rd							60		Aerial Bars will be located by State patrol
Exit Ramp CTH P/DK						635			Exit Gore CTH P/DK
Exit Ramp CTH P/DK			1,285	45	865			40	Exit Ramp Mini Dash/Edge Lines/Stop Bar CTH P/DK Top of Ramp
On Ramp CTH P/DK			2,500		1,000				On Ramp Edge Lines CTH P/DK
On Ramp CTH P/DK						1,640			On Ramp Gore CTH P/DK
Macco Rd						1,545			Right/Left Turn
CTH X						1,580			Right/Left Turn
County Line Rd						1,605			Right/Left Turn
CTH D						705			Right/Left Turn
CTH Y						1,580			Right/Left Turn
Tru-Way Rd						710			Right/Left Turn
CTH C						1,110			Right/Left Turn
School Rd						720			Right/Left Turn Gore
CTH H				6,100		775			Right/Left Turn/ Begin Epoxy Laneline N. of CTH H
Stevenson Pier Rd						745			Right/Left Turn Gore
School Lane						285			Right Turn Lane
Cloverleaf Rd						1,140			Right/Left Turn Gore
CTH DK						925			Right/Left Turn Gore
Jct STH 42						780			Right/Left Turn Gore
South Bound			107,475	5,720	108,850				Edge Lines/Lane Line to N. of CTH H @ Begin Contrast tape
CTH DK						950			Right/Left Turn Gore
Cloverleaf Rd						1,180			Right/Left Turn Gore
School Lane						625			Left Turn Gore
Stevenson Pier Rd						765			Right/Left Gore
CTH H						880			Right/Left Turn Gore
School Rd						710			Right/Left Turn Gore
CTH C						1,100			Right/Left Turn
Tru-Way Rd						735			Right/Left Turn Gore
CTH Y						1,570			Right/Left Turn Gore
CTH D						710			Right/Left Turn Gore
County Line Rd						1,700			Right/Left Turn Gore
CTH X						645			Right/Left Turn Gore
Macco Rd						895			Right/Left Turn Gore
Exit Ramp CTH P/DK						625			Exit Gore CTH P/DK
Exit Ramp CTH P/DK			1,500	45	1,065			35	Exit Ramp Mini Dash/Edge Lines/Stop Bar CTH P/DK Top of Ramp
On Ramp CTH P/DK			1,825		910				On Ramp Edge Lines CTH P/DK
On Ramp CTH P/DK						950			On Ramp Gore CTH P/DK
Gravel Pit Rd						580			Right/Left Turn
Quarry Rd							60		Aerial Bars will be located by State patrol
PAGE SUBTOTALS			221,710	11,910	221,490	31,100	120	75	

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BY WisDOT - NE REGION

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.0106 EPOXY 4-INCH			646.0126 EPOXY 8-INCH LF	647.0166 ARROWS EPOXY TYPE 2 EACH	647.0356 WORDS EPOXY ONLY EACH	647.0566 STOP LINE EPOXY 18-INCH LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF					
USH 10		4								
From: STH 114	22.60									Jct USH 10/STH 114
TO: CTH N	26.65									DO NOT REPAINT ROUNDABOUT
East Bound			20,550	5,000	25,000					Edge/line/laneline
Jct STH 114						30				Dual turn at Jct STH 114
Fire Lane # 3						100				Left Turn
Fire Lane # 4						100				Left Turn
Fire Lane # 5						100				Left Turn
Fire Lane # 6						100				Left Turn
Fire Lane # 7						100				Left Turn
CTH LP						320				Left Turn Gore
Median						370				Left turn
South Coop Rd						320				Left Turn
Jct STH 114						530				Exit Gore
Frontage Rd						100				Left Turn
West Bound			20,700	6,000	16,000					Edge/line/laneline
Jct STH 114						635				Entry Gore
STH 114 East Bound						100				Left Turn
South Coop Rd						370				Right Turn
CTH LP						520				Left Turn Gore
Fire Lane # 7						100				Left Turn
Fire Lane # 6						100				Left Turn
Fire Lane # 5						100				Left Turn
Fire Lane # 4						300				Left Turn/Right Turn
Fire Lane # 3						100				Left Turn
Fire Lane # 2						100				Left Turn
Jct STH 114							4	4	50	East side of intersection
Jct STH 114						530				Lt/Rt Turn
PAGE SUBTOTALS			41,250	11,000	41,000	5,125	4	4	50	

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PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.0106 EPOXY 4-INCH				646.0126	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	DASHED YELLOW LF	SOLID YELLOW LF	EPOXY 8-INCH WHITE LF	
USH 10		16						
From: Winnebago/Waupaca	0.00							Winn/Waupaca County Line
To: CTH CB	15.75							CTH CB West Ramps
East Bound			78,000			82,000		Rt/Lt Edgelines
USH 45 NB Exit			3,445			3,235		Exit USH 45 North/New London Ramp edgelines
USH 45 NB Exit				50			635	Exit/Gore/Dash USH 45 North
USH 45 SB On Ramp							1,060	Entry USH 45
USH 45 SB Exit Ramp			2,730			2,075		Exit Ramp USH 45 South/Oshkosh Ramp edgelines
USH 45				50				Exit/Gore Dash USH 45 South
STH 76 Exit Ramp			1,365			775		Exit Ramp Edge Lines
STH 76 On Ramp			2,210			850		On Ramp Edge Lines
West Bound			78,000			83,300		Rt/Lt Edgelines
STH 76 Exit Ramp			1,360			800		Exit Ramp Edge Lines
STH 76 On Ramp			2,250			820		On Ramp Edge Line
USH 45 SB Exit					45		425	Ylw dash/Exit Gore USH 45 South/Oshkosh
USH 45 SB Ramp Edgelines			3,560			1,980		Exit Ramp USH 45 South/Oshkosh Ramp edgelines
Entry Ramp from USH 45							1,165	Entry Gore from USH 45
USH 45 NB Ramp Edgelines			2,630			1,900		Exit USH 45 North/New London Ramp edgelines
Exit Ramp to USH 45 NB				50			530	Exit Gore USH 45 North (New London)
Entry Ramp from USH 45							1,480	Entry from USH 45
PAGE SUBTOTALS			175,550	150	45	177,735	5,295	

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PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.0106 EPOXY 4-INCH			646.0126	647.0803	REMARKS
			SOLID WHITE LF	DASHED WHITE L.F.	SOLID YELLOW LF	EPOXY 8-INCH LF	AERIAL ENFORCEMENT EPOXY 24-INCH L.F.	
USH 45		12.00						
From: USH 41	46.00							Oshkosh
To: USH 10	58.45							Winchester
North Bound			57,000		67,000			Rt/Lt Edge Lines
Ryf Rd			1,325	60	770	150		Mini dash/Ramp Edge Lines/top of ramp
Ryf Rd			2,020		715			Ramp Edge Lines
STH 116			1,715	175	565	1,060		Mini dash/Exit Gore/Ramp Edge Lines
STH 116			2,180		815	1,295		Entry gore/Ramp Edge Lines
CTH II			1,320	60	920			Mini dash/Ramp Edge Lines
CTH II			2,000		950		24	Aerial Enforcement Bars/Ramp Edge Lines
Exit Ramp to USH 10 EB			2,165		1,900			Rt & Lt Ramp Edge lines
Exit Ramp to USH 10 WB			2,800	700	2,800			Rt/Lt Edge Lines/Lane Line
South Bound			55,300		62,625			Rt/Lt Edge Lines
Winn NCL to USH 10			2,800	700	2,800	700		Rt/Lt Edge Lines/Lane Line/Gore
Entry Gore				425				On Ramp from USH 10 W
CTH II			1,275	60	850	525		Mini dash/Exit Gore/Ramp Edge Lines
CTH II			2,450		1,150	1,270	24	Entry Gore/Aerial Enforcement Bars/Ramp Edge Lines
STH 116			1,270	50	700	635		Mini dash/Exit Gore/Ramp Edge Lines
STH 116			2,500		1,000	1,060		Entry gore/Ramp Edge Lines
Ryf Rd			1,425	50	800			Mini dash/Ramp Edge Lines
Ryf Rd			2,165		850			Ramp Edge Lines
PAGE SUBTOTALS			141,710	2,280	147,210	6,695	48	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.0106 EPOXY 4-INCH			646.0126	647.0566	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	STOP LINE EPOXY 18-INCH LF	
USH 141		16.00						
From: Lemere Rd	20.48							Begin Lemere Rd
To: Beaver	36.90							Jct STH 64 (New Const)
North Bound			80,500	21,100	83,600			Edgelines/Lane Line
Median Turn						100		Median Left Turn
CTH A			1,900	50	1,425	635		Mini-dash/Exit gore/Ramp Edgelines
CTH A							40	Stop Bar Top of Exit Ramp NB
CTH A			2,525		1,075	1,375		Ramp Edgelines/Main Line Entry Gore
Old 141 Rd						530		Median Lt Turn
Kottzk Frontage Rd						740		Lt/Rt Turns
Rail Crossing				25				White-Mini dash @ RxR
Rail Crossing						2,575		Acceleration/Deceleration Lane
Sunny Brook Rd						1,000		Lt/Rt Turns
South Jct CTH M						1,060		Lt/Rt Turns
Benser La						580		Lt/Rt Turns
North Jct CTH M						635		Lt/Rt Turns
8th Rd						265		Median Lt Turn
CTH B			2,000	50	1,465	635		Mini-dash/Exit gore/Ramp edgelines
CTH B			2,150		1,000	1,480		Ramp Edgelines/Entry Gore
Rail Crossing				25				White-Mini dash @ RxR
Rail Crossing						1,975		Acceleration/Deceleration Lane
South Bound			80,000	21,500	84,200			Edgelines/Lane Line
STH 64								New Construction @ STH 64
Rail Crossing				25				White-Mini dash @ RxR
Rail Crossing						1,980		Acceleration/Deceleration Lane
CTH B			1,980	50	1,460	740		Mini-dash/Exit gore/Ramp Edgelines
CTH B			2,425		975	1,690		Ramp Edgelines/Main Line Entry Gore
8th Rd						265		Right Turn
North Jct CTH M						475		Median Left Turn
Benser La						320		Median Left Turn
South Jct CTH M						425		Lt/Rt Turns
Sunny Brook Rd						950		Lt/Rt Turns
Rail Crossing				25				White-Mini dash @ RxR
Rail Crossing						1,920		Acceleration/Deceleration Lane
Kottzk Frontage Rd						200		Left Turn Median
Old 141 Rd						635		Lt/Rt Turns
CTH A			1,800	50	1,260	740		Mini-dash/Exit gore/Ramp Edgelines
CTH A							40	Stop Bar Top of Exit Ramp SB
CTH A			2,580		1,145	1,375		Ramp Edgelines/Main Line Entry Gore
Guelig Rd						425		Right Turn
Median Turn						100		Median Left Turn
Lemere Rd						795		Lt/Rt Turns
PAGE SUBTOTALS			177,860	42,900	177,605	26,620	80	

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

PAVEMENT MARKING THERMOPLASTIC SUMMARY

LOCATION	LOG MILE	Mile	646.0881.S	SPV.0060					SPV.0090		REMARKS
			GROOVED WET REFLECTIVE TAPE 4 INCH L.F	0.01 GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 1 EACH	0.02 GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 3R EACH	0.03 GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 3 EACH	0.04 GROOVED PREFORMED THERMOPLASTIC WORDS EACH	0.05 GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 2 EACH	0.01 GROOVED PREFORMED THERMOPLASTIC 8 INCH L.F.	0.02 GROOVED PREFORMED YIELD LINE 18 INCH 8 INCH L.F.	
STH 42 @ CTH Y	4.65	0.50									Round A Bout @ Jct STH 42/CTH Y Sheboygan County
			750	2	5	6	7	1	200	90	words 6 yield 1 only
PAGE SUBTOTALS			750	2	5	6	7	1	200	90	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.0106 EPOXY 4-INCH			646.0126 EPOXY 8-INCH	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	LF	
STH 76		4					
From: Smith Ave	0.40						Oshkosh @ Smith Ave
To: USH 41	3.92						Jct USH 41 @ Green Valley Rd
North Bound			9,610	4,725	41,700		Edge Line/Lane Line/Yellow Median
Snell Rd						125	Left Turn
CTH Y						325	Right/Left Turn
USH 41						265	USH 41 North Bound Enterance
USH 41						370	USH 41 South Bound Enterance
Dual Turn Marking				50			Dual Turn Marking from Exit USH 41 SB
South Bound			9,050	4,950			Edge Line/Lane Line
USH 41						200	USH 41 South Bound Enterance
USH 41						320	USH 41 North Bound Enterance
Dual Turn Marking				50			Dual Turn Marking from Exit USH 41 NB
CTH Y						200	Right Turn
Police Station						150	Right Turn
Snell Rd						265	Left Turn
Smith						125	Left Turn
PAGE SUBTOTALS			18,660	9,775	41,700	2,345	

PLAN SHEET PRODUCED
BY WISDOT - NE REGION

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.0106 EPOXY 4-INCH			646.0126 EPOXY 8-INCH LF	647.0166 ARROWS EPOXY TYPE 2 Each	647.0356 WORDS EPOXY ONLY EACH	647.0566 STOP LINE EPOXY 18-Inch LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF					
STH 76		14								
From:USH 41	3.92									oshkosh @ USH 41 (Green valley Rd)
To:STH 15	18.00									Greenville @ JCT STH 15
North Bound			71,175		68,600					
Green Valley Rd						200			45	New Stop bar Location to be determined
CTH GG						425				Right Turn
CTH G						210				Right Turn
CTH JJ						160				Right Turn
Unknown				65						Bypass Lane
Larsen Rd						100				Right Turn
CTH II						200	2	1		Left Turn
Begin Divided				925						Lane Line
Fairview Rd						530				Right/Left Turn
Jct USH 10 East Bound						265				Right Turn
Jct USH 10 West Bound						265				Left Turn
W American Dr						320				Right/Left Turn
Lind Lane				75						Bypass Lane
CTH BB						200				Right Turn
STH 96						425	2	1		Median Island/Turn Lane Arrows
School Rd						200				Right Turn
Green Ridge Dr						200				Right Turn
Sunnyvale Ln						175				Right Turn
STH 15						265				Turn Lane
South Bound			66,275							Edge Line
Sunnyvale Ln						100				Right Turn
Greenridge Dr						150				Right Turn
School Rd						200				Right Turn
STH 96						425	2	1		Median Island/Turn Lane Arrows
CTH BB						160				Right Turn
windfield Ave						100				Right Turn
Shady Lane						100				Right Turn
Begin Divided				860						Lane Line
W American Dr						425				Right/Left Turn
USH 10 East						200				Left Turn
Fairview Rd						425				Right/Left Turn
CTH II						160	2	1		Left Turn
Joseph Peters Drive						160				Right Turn
CTH JJ						160				Right Turn
JJ Keller						100				Right Turn
CTH G						200				Right Turn
vinland Center Rd						100				
CTH GG						425				
Green Valley Rd						200				
PAGE SUBTOTALS			137,450	1,925	68,600	7,930	8	4	45	

PLAN SHEET PRODUCED

BY WisDOT - NE REGION

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.0106 EPOXY 4-INCH			646 EPOXY 8-INCH LF	647.0166 ARROWS EPOXY TYPE 2 EACH	647.0356 WORDS EPOXY ONLY EACH	647.0566 STOP LINE EPOXY 18-INCH LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF					
STH 151		17.00								
From: STH 49	0.00									
To: USH 41	17.00									
North Bound			80,000		84,000					Edge Lines
Lane Line				4,660						Lane Line Tape Begins @ Hickory
STH 49				1,585	780	530				Ramp Edge Line/Entry Gore
STH 26 Business						630				Entry Gore/Solid 8-inch/Mini-Dash from Entry Gore
STH 26 North Bound				45		700				Exit Gore/Mini-Dash @ exit
STH 26 North Bound			8,860		7,100	610			40	Exit Ramp Edgelines/Gore @ Split/Stop Bar Bottom of Ramp
STH 26/Service Rd			3,530		2,000	1,050				Entry Ramp Edgelines/Entry Gore
Hickory Dr						1,005				Left/Right Turn w/Dash
Median						425				Left Turn
Median						475				Left Turn
CTH AS						900				Left/Right Turn
Median						425				Left Turn
Towne Rd						425				Left Turn
Hazel La						370				Left Turn
Median						425				Left Turn
Dehring						900				Left/Right Turn
Median`						425				Left Turn
wolf Rd						800				Left/Right Turn
Median						425				Left Turn
Median						425				Left Turn
Median						425				Left Turn
Median						425				Left Turn
Median						425				Left Turn
Thill						675				Left/Right Turn w/8-Inch Dash
Median						425				Right Turn
CTH TC						425				Left Turn
Median						425				Left Turn
Schaefer Rd						425				Left Turn
Median						425				Left Turn
Median						425				Left Turn
Town Line Rd						425				Left Turn
CTH D Exit Ramp			8,050	40	6,625					Exit Dash/Ramp Edgelines
CTH D On Ramp			3,910		2,635	1,015				Entry Gore/8-Inch Mini-Dash
Hickory St			1,670	40	1,140				40	Exit Dash/Ramp Edgelines/Stop Bar Top of Ramp
Hickory St			2,325		955	1,775				Entry Gore & Dash/Ramp Edgelines

CONTINUE ON NEXT PAGE

PLAN SHEET PRODUCED

BY WISDOT - NE REGION

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.0106 EPOXY 4-INCH			646 EPOXY 8-INCH LF	647.0166 ARROWS EPOXY TYPE 2 EACH	647.0356 WORDS EPOXY ONLY EACH	647.0566 STOP LINE EPOXY 18-INCH LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF					
STH 175			1,480		1,820	650				Right Turn/Ramp Edgelines/Center Line
STH 175									75	Stop Bar Top/Bottom of Ramp
STH 175							1	1		Top of Ramp
USH 41						425				Right Turn
South Bound			80,400		81,800					Edge Lines
Lane Line				4,650						Lane Line Tape Ends @ Hickory St
STH 175			1,800		1,800	600				Right Turn/Ramp Edgelines/Center Line
STH 175									75	STOP BAR TOP OF RAMP 35/BTM RAMP 30
STH 175							1	1		TYPE 2 =1 /ONLY = 1 Top of Ramp
Hickory St			1,710	40	1,190				35	Exit Dash/Ramp Edgelines/Stop Bar Top of Ramp
Hickory St			2,430		1,165	900				Entry Gore & Dash/Ramp Edgelines
CTH D			1,460	50	975					Exit Dash/Ramp Edgelines
CTH D			4,450		3,145	860				Entry Gore & Dash/Ramp Edgelines
Townline Rd						675				Left/Right Turns
wonser						945				Left/Right Turn w/8-Inch Dash
Median						425				Left Turn
Schaefer						730				Left/Right Turn w/8-Inch Dash
Median						425				Left Turn
CTH TC						740				Left/Right Turn w/8-Inch Dash
Median						425				Left Turn
Median						425				Left Turn
Median						475				Left Turn
Median						370				Left Turn
Median						475				Left Turn
Median						425				Left Turn
Median						425				Left Turn
wolf Rd						425				Left Turn
Median						425				Left Turn
Dehring						850				Left/Right Turn
Median						425				Left Turn
Hazel La						900				Left/Right Turn
Towne Rd						850				Left/Right Turn
Median						425				Left Turn
CTH AS						425				Left Turn
Median						425				Left Turn
Median						425				Left Turn
Hickory Rd						700				Left/Right Turn w/8-Inch Dash
STH 26			2,165	40	1,675	740			40	Exit Gore & Dash/Ramp Edgelines/Stop Bar
STH 26			3,620	160	1,215	700				Entry Gore & Dash/Ramp Edgelines
STH 26 Business						740				Exit Gore
STH 26 Business			11,260	45	9,420	2,625				STH 26 Interchange Ramp Gores & Dash/Ramp Edgelines
STH 49			1,320	75	795	430				Exit Gore & Dash/Ramp Edgelines

PAGE SUBTOTALS

220,440 11,430 210,235
442,105 40,565 2 2 305

PLAN SHEET PRODUCED

BY WISDOT - NE REGION

PAVEMENT MARKING THERMOPLASTIC SUMMARY

			SPV.0060				SPV.0090		
			0.01 GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 1 EACH	0.02 GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 3R EACH	0.03 GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 3 EACH	0.04 GROOVED PREFORMED THERMOPLASTIC WORDS EACH	0.01 GROOVED PREFORMED THERMOPLASTIC 8 INCH L.F.	0.02 GROOVED PREFORMED YIELD LINE 18 INCH 8 INCH L.F.	
LOCATION	LOG MILE	mile							
USH 141 STH 29	3.60	0.50							USH 141/STH 29/Verlin Rd/CTH JJ
			2	4	6	6	192	92	

PAGE SUBTOTALS

2

4

6

6

192

92

PLAN SHEET PRODUCED
BY WisDOT - NE REGION

PAVEMENT MARKING EPOXY SUMMARY

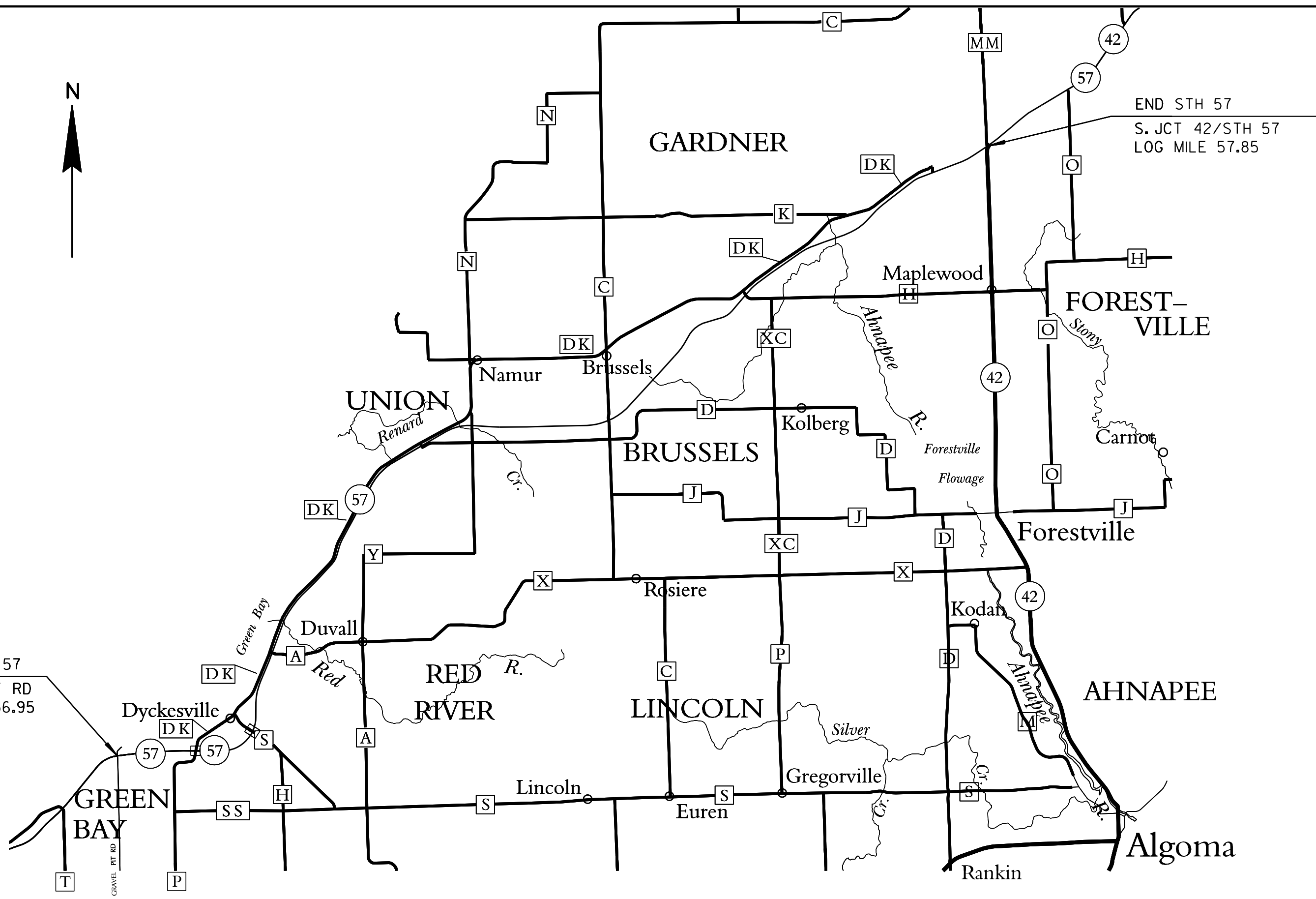
	646.0106 EPOXY 4-INCH	646.0126 EPOXY 8-INCH	647.0803 Aerial Enforcement Epoxy 24-Inch	647.0166 Arrows Epoxy Type 2 Each	647.0356 Words Epoxy ONLY Each	647.0566 STOP LINE EPOXY 18-INCH LF
SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	LF	LF	LF	LF
PROJECT TOTALS	3,462,095	134,685	336	14	10	705

PAVEMENT MARKING THERMOPLASTIC SUMMARY

	646.0881.S GROOVED WET REFLECTIVE TAPE 4 INCH	SPV.0060					SPV.0090	
		0.01 GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 1	0.02 GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 3R	0.03 GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 3	0.04 GROOVED PREFORMED THERMOPLASTIC WORDS	0.05 GROOVED PREFORMED THERMOPLASTIC ARROWS TYPE 2	0.01 GROOVED PREFORMED THERMOPLASTIC 8 INCH	0.02 GROOVED PREFORMED YIELD LINE 18 INCH 8 INCH
	L.F	EACH	EACH	EACH	EACH	EACH	L.F.	L.F.
PROJECT TOTALS	750	4	9	12	13	1	392	182

PLAN SHEET PRODUCED

BY WISDOT - NE REGION



BEGIN STH 57
GRAVEL PIT RD
LOG MILE 36.95

END STH 57
S. JCT 42/STH 57
LOG MILE 57.85

Appleton

Harrison

Menasha

Sherwood

Kankapot

Cr.

N

KK

KK

AP

AP

LP

N

55

10

BB

M

114

55

B

BB

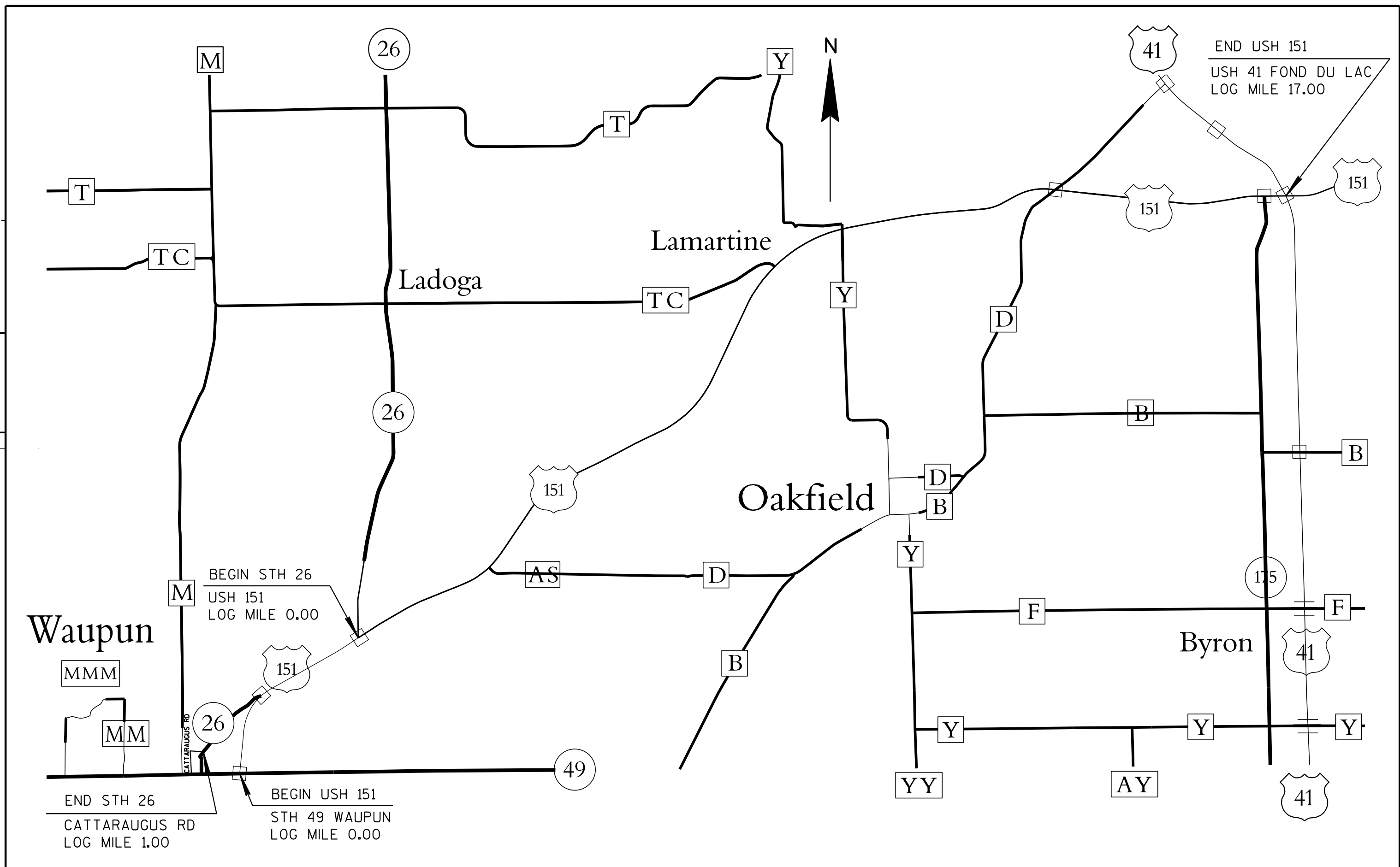
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114

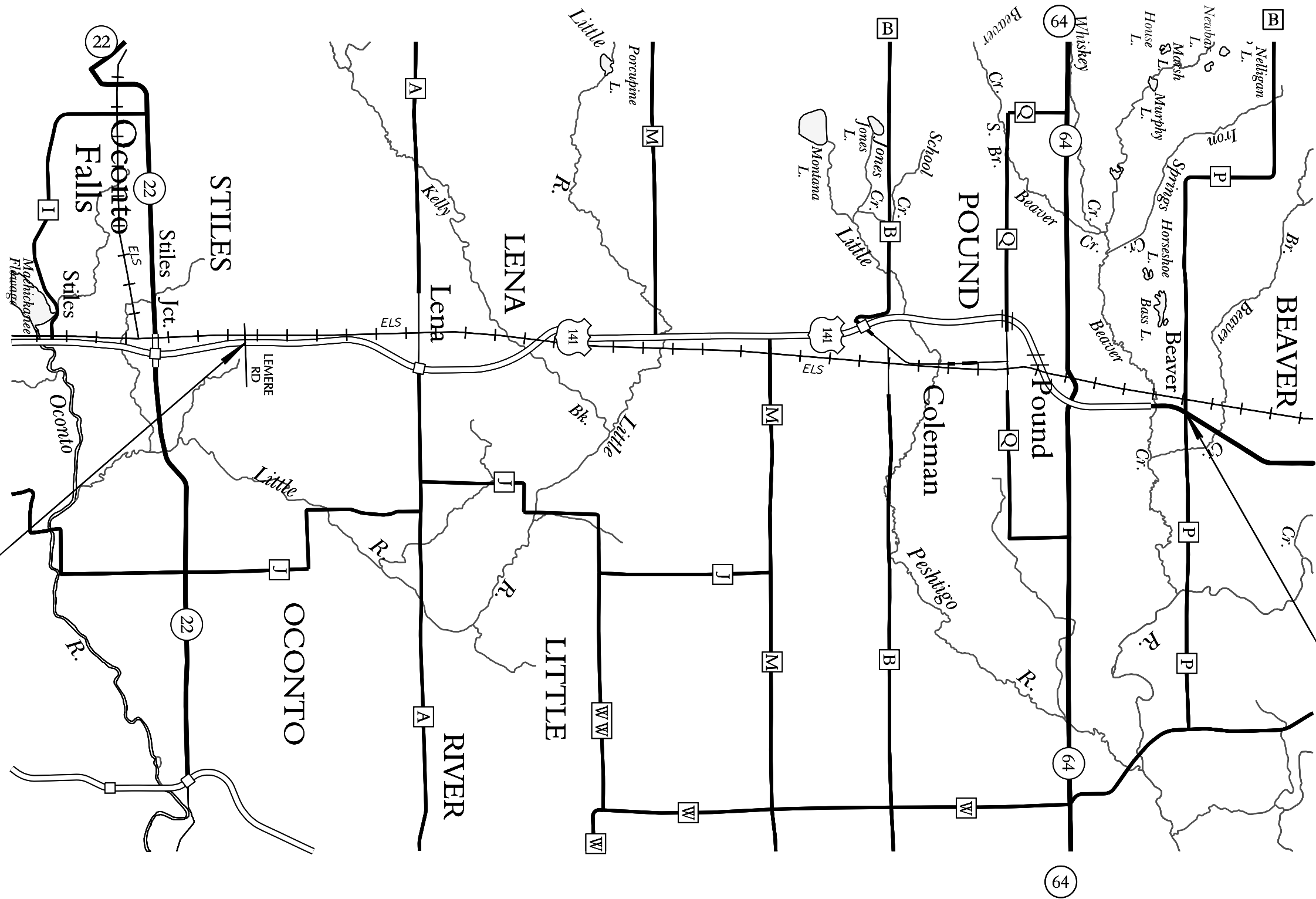
CN

BEGIN USH 10
STH 114
LOG MILE 22.60

END USH 10
CTH N
LOG MILE 26.65



PROJECT NO:1009-33-15	HWY:USH 151 & STH 26	COUNTY:FOND DU LAC	PAVEMENT MARKING LOCATION MAP	SHEET	E
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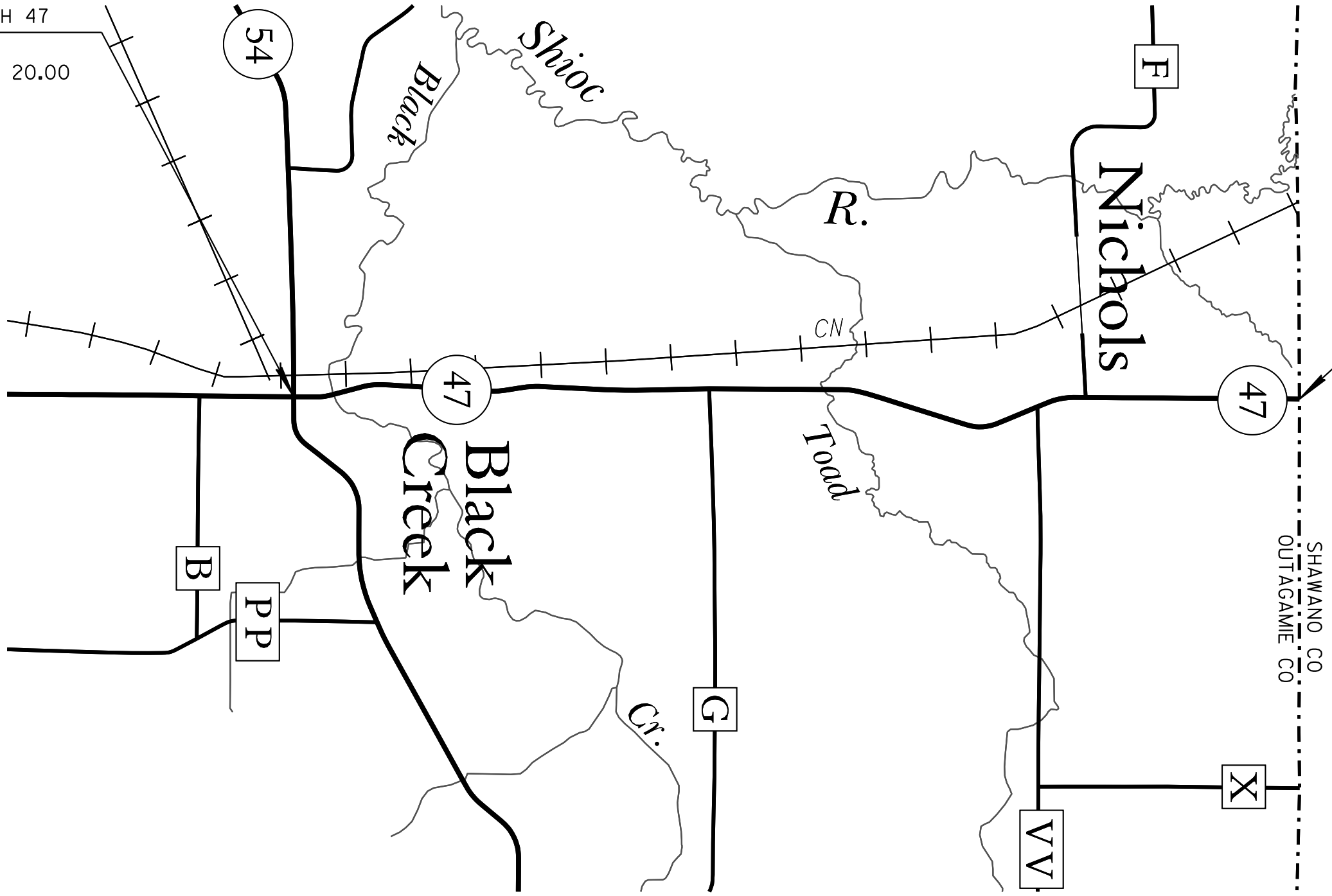
BEGIN USH 141
LEMERE RD
LOG MILE 20.48

END USH 141
CTH P BEAVER
LOG MILE 36.90



BEGIN STH 47
STH 54
LOG MILE 20.00

END STH 47
OUTAGAMIE/SHAWANO CO LINE
LOG MILE 27.85



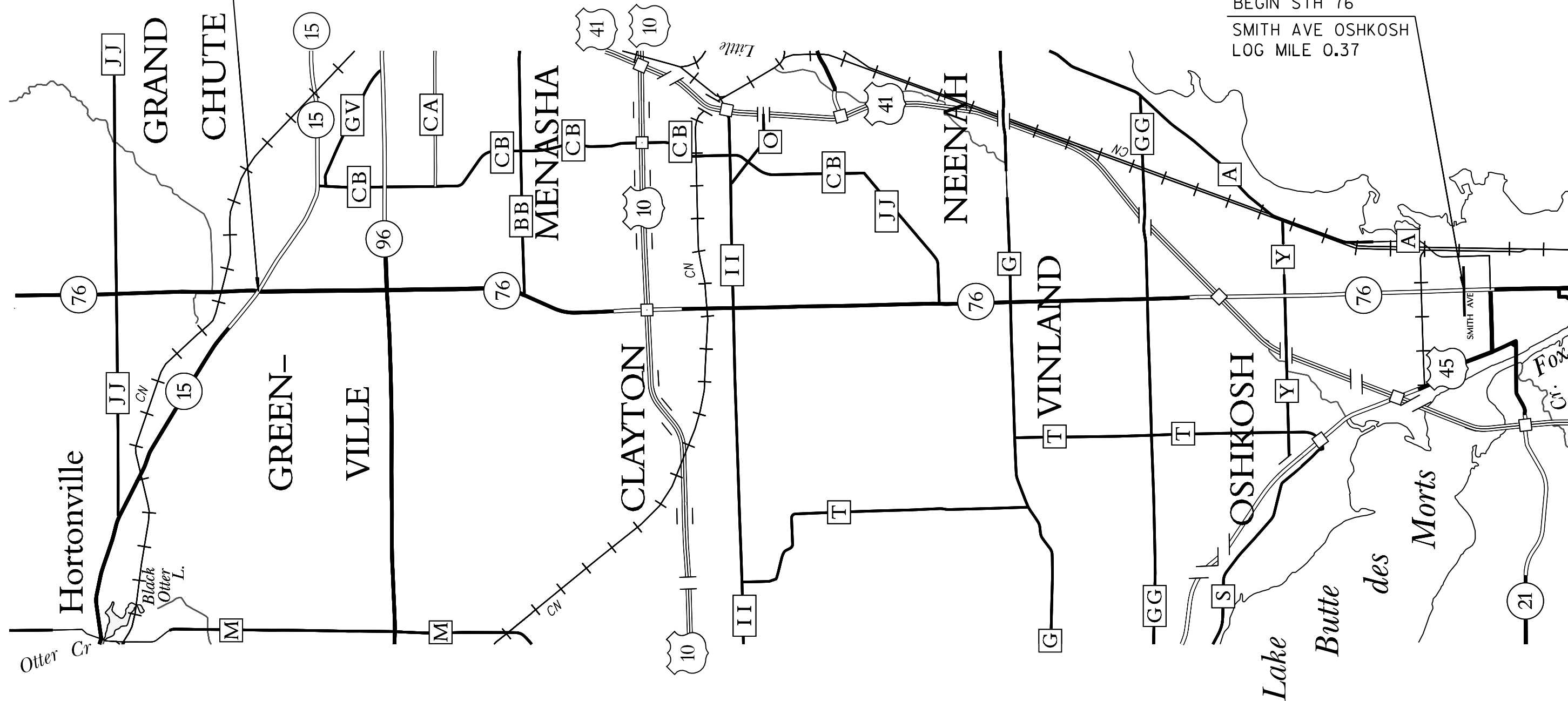
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5



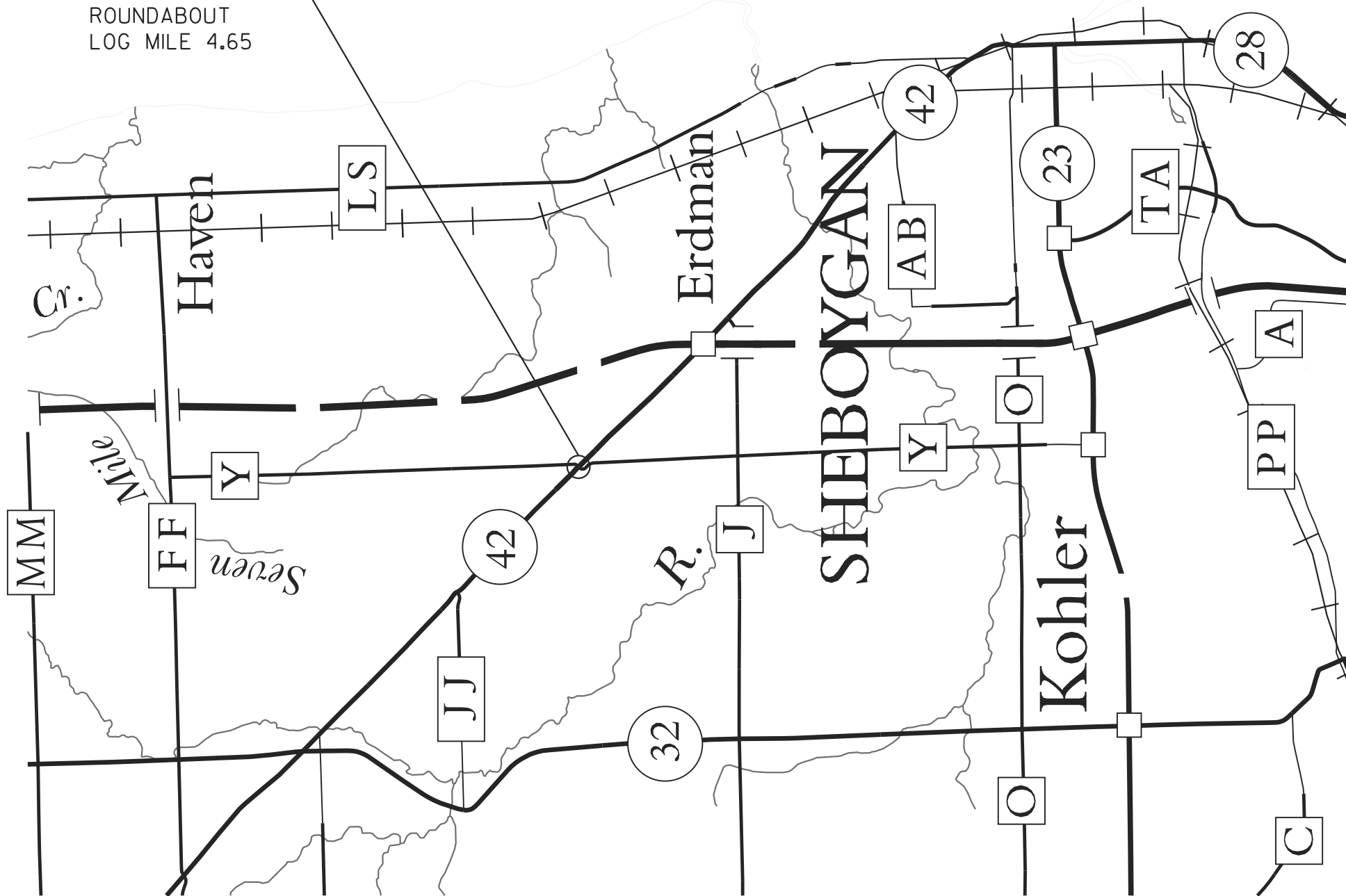
END STH 76
STH 15 GREENVILLE
LOG MILE 18.00

BEGIN STH 76
SMITH AVE OSHKOSH
LOG MILE 0.37

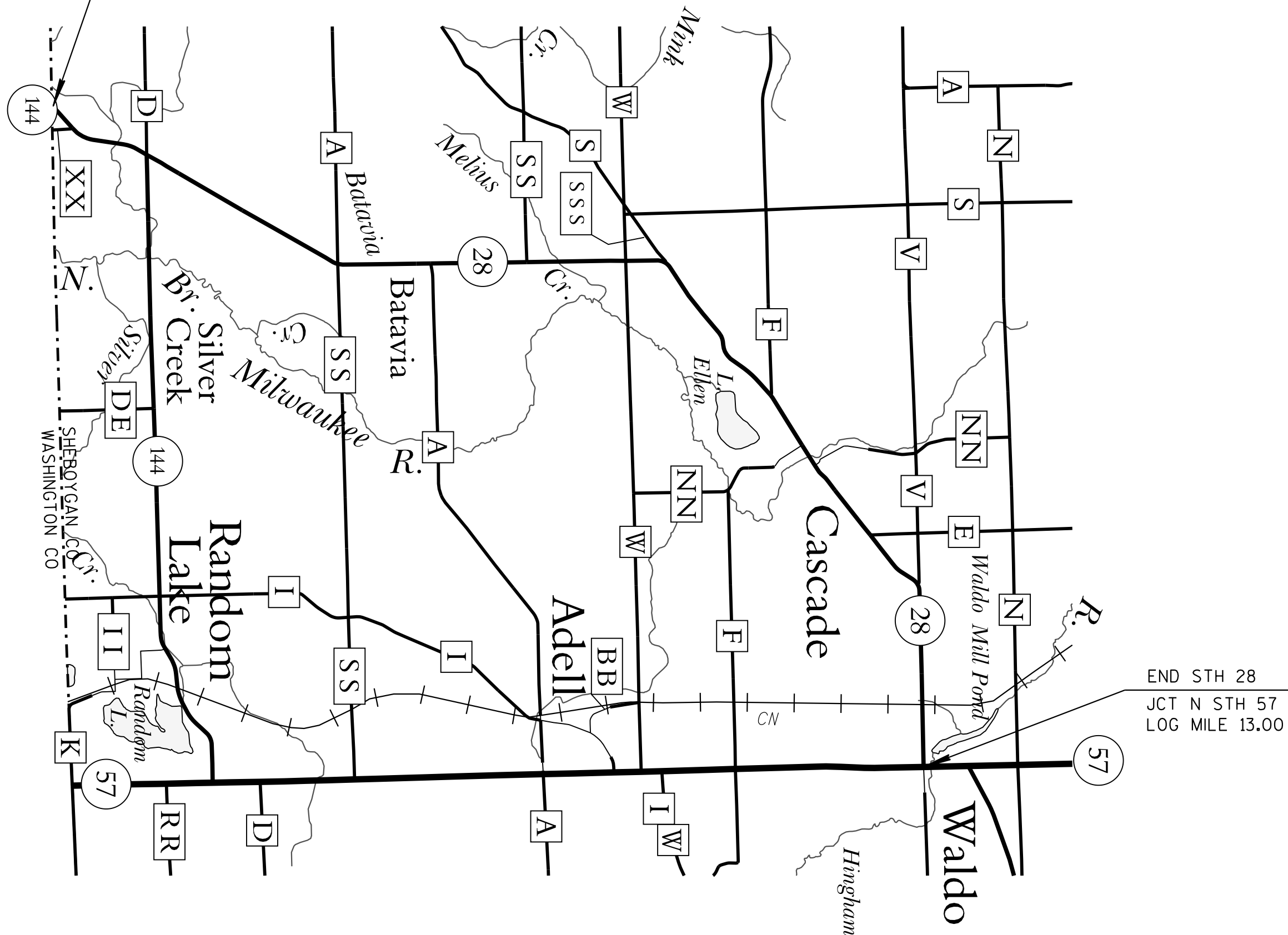




STH 42 AT CTH Y
ROUNDAABOUT
LOG MILE 4.65



END STH 28
SHEBOYGAN/WASHINGTON CO LINE
LOG MILE 0.00



END STH 28
JCT N STH 57
LOG MILE 13.00

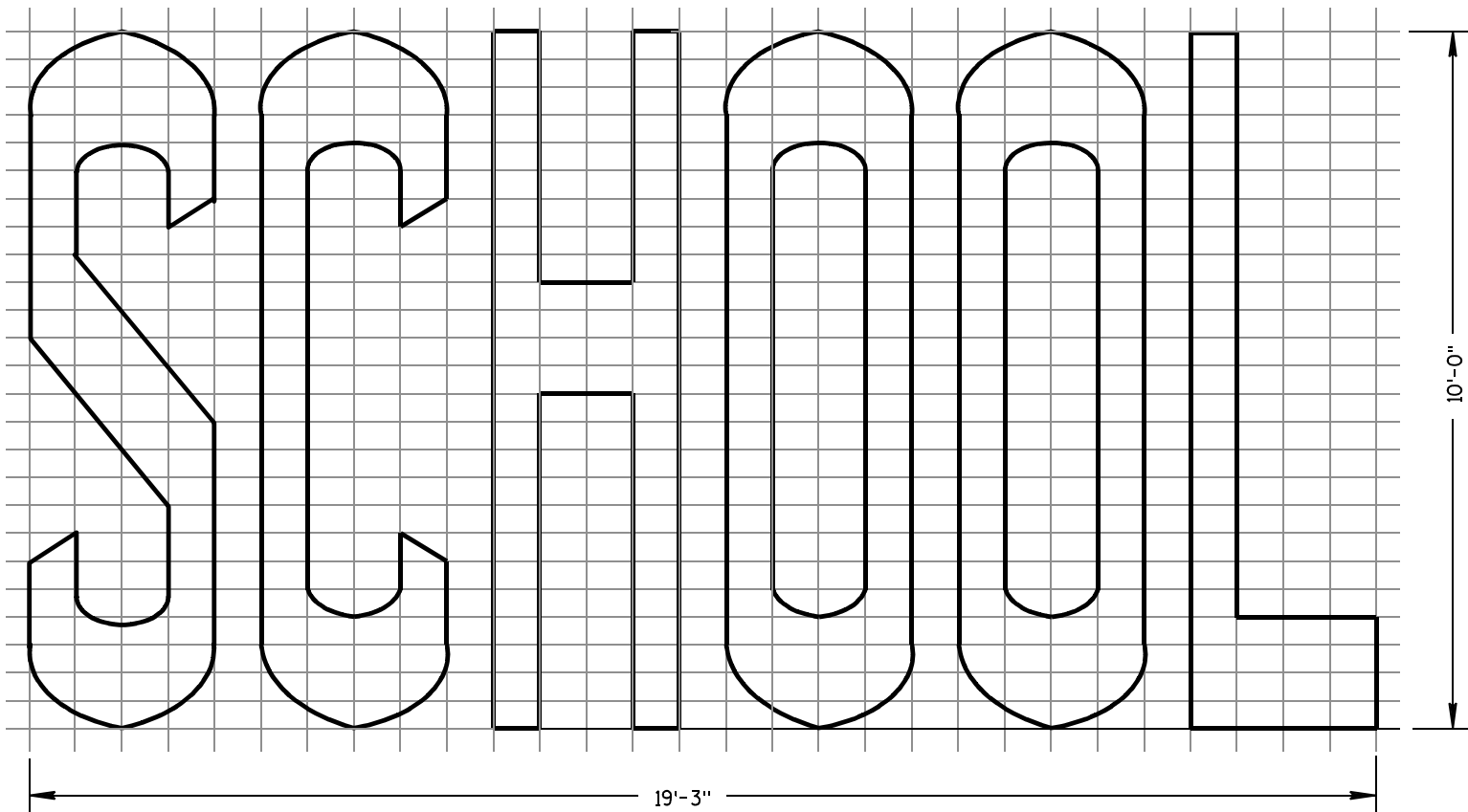
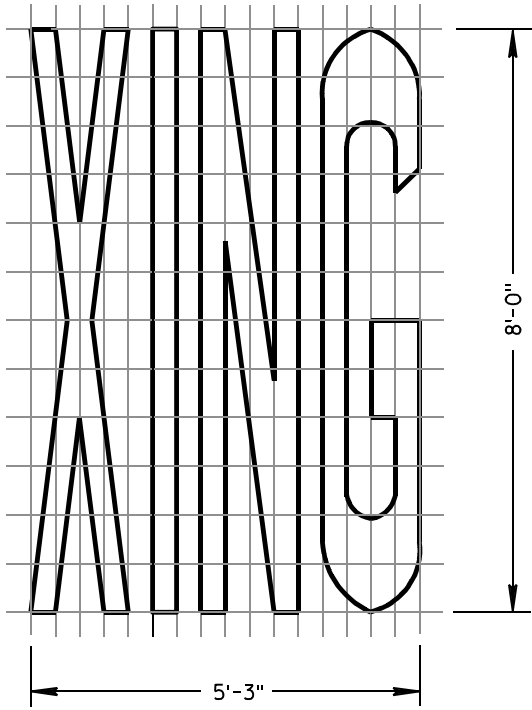
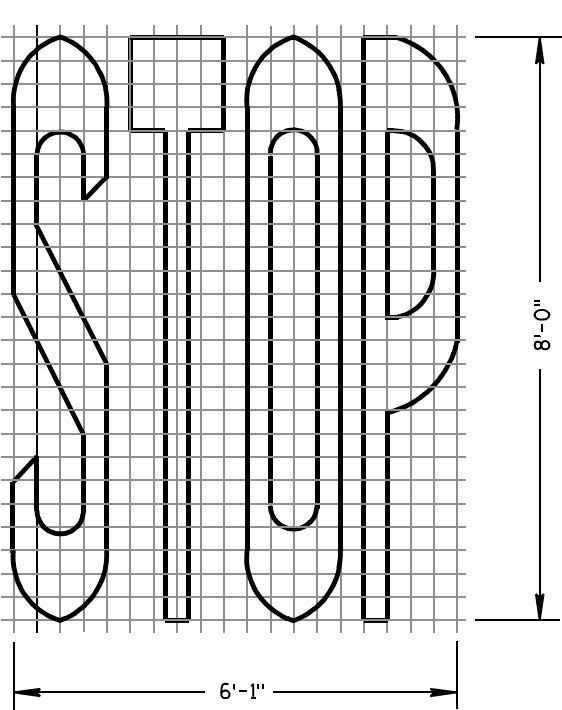
Standard Detail Drawing List

15C07-12B	PAVEMENT MARKING WORDS
15C07-12C	PAVEMENT MARKING ARROWS
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16B	PAVEMENT MARKING (INTERSECTIONS)
15C08-16C	PAVEMENT MARKING (CLIMBING LANE & PASSING LANE)
15C08-16E	PAVEMENT MARKING (LEFT TURN LANE)
15C08-16F	PAVEMENT MARKING (ISLANDS)
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C14-01	AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS
15C18-03	MEDIAN ISLAND MARKING
15C19-02A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-02C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C31-01A	PAVEMENT MARKING (RAMPS AND GORES)
15D12-04	TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION

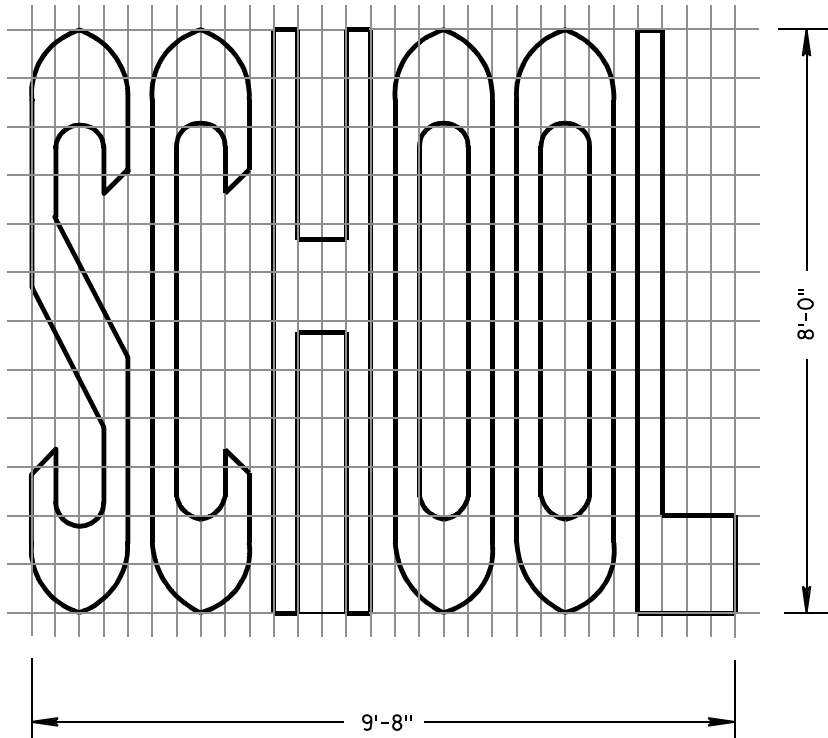
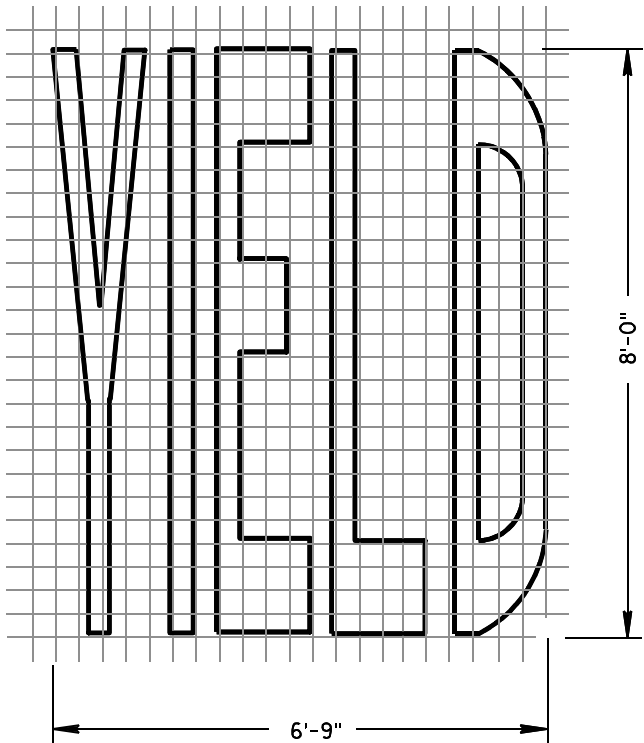
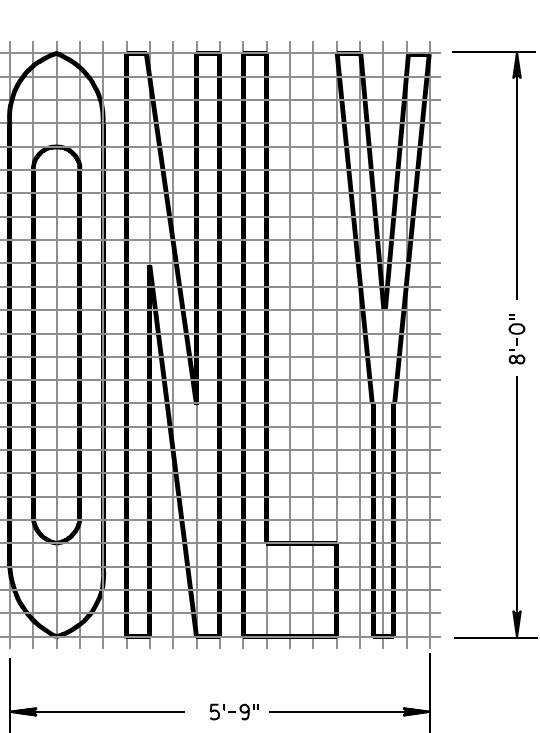
GENERAL NOTES

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.

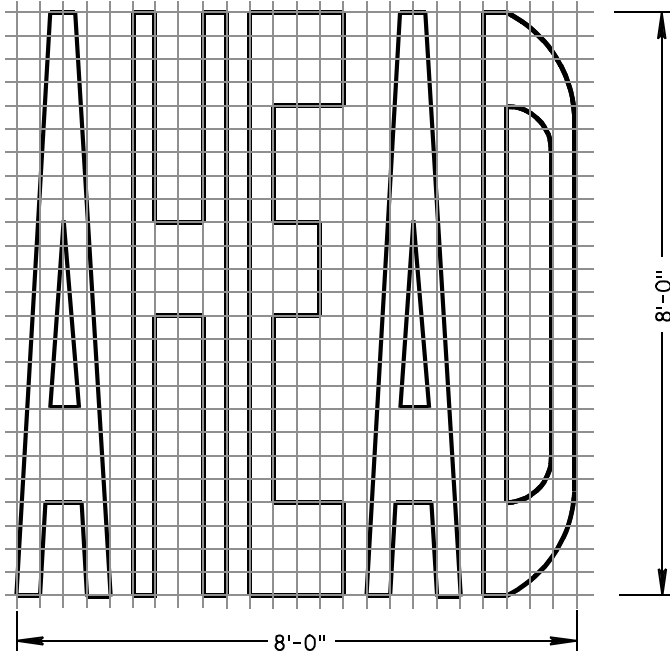
ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES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



TWO-LANE



SINGLE-LANE



PAVEMENT MARKING WORDS

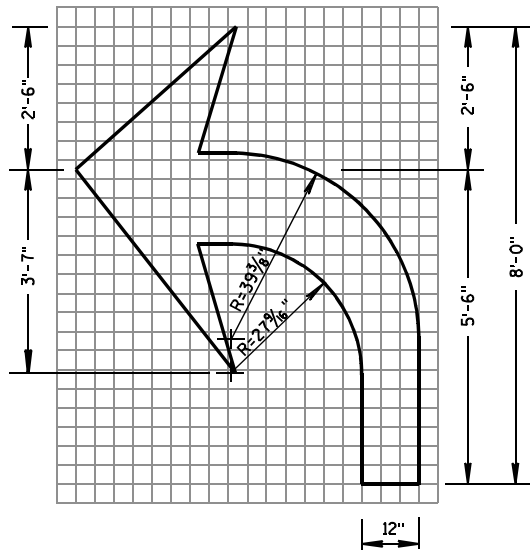
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

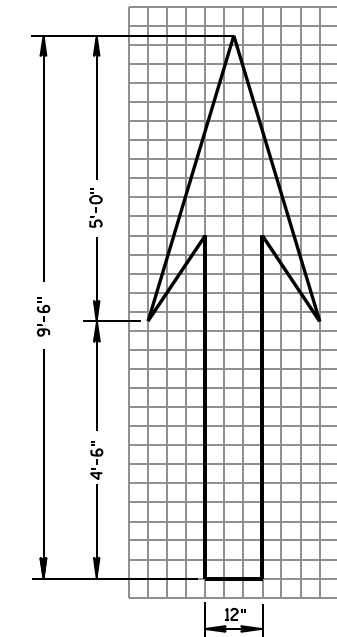
7-1-11
DATE

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

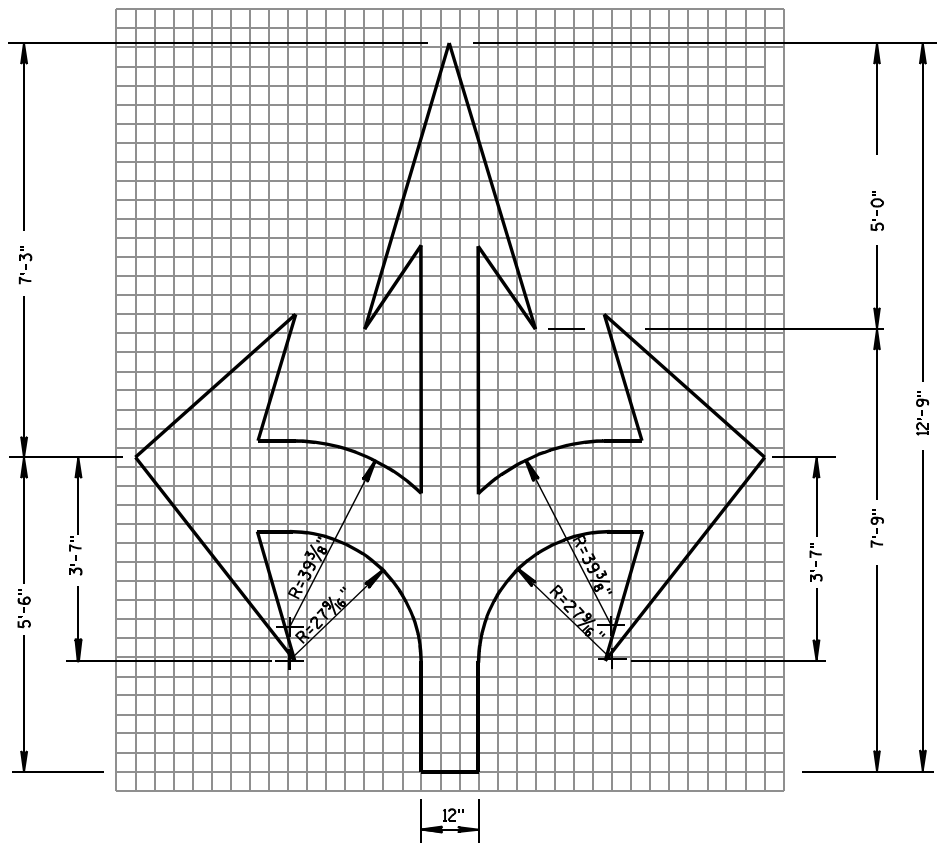
FHWA



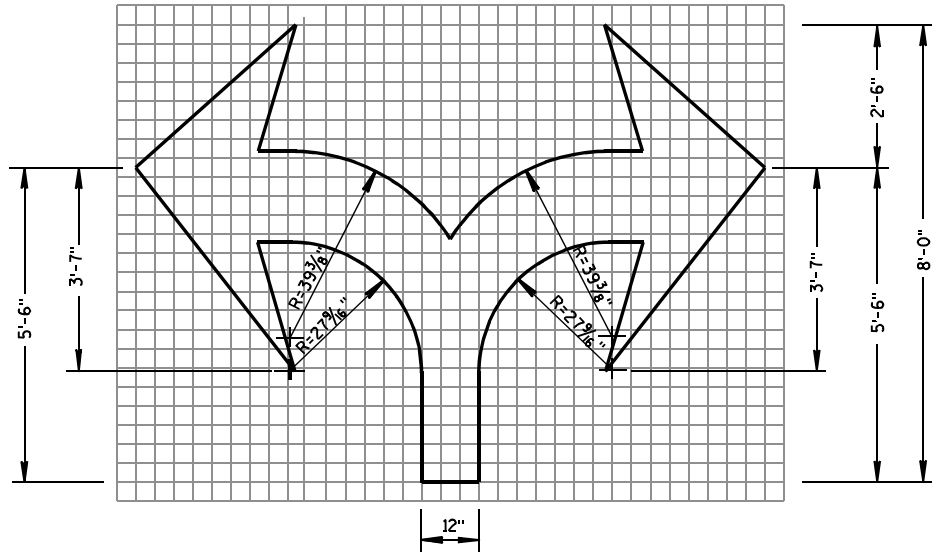
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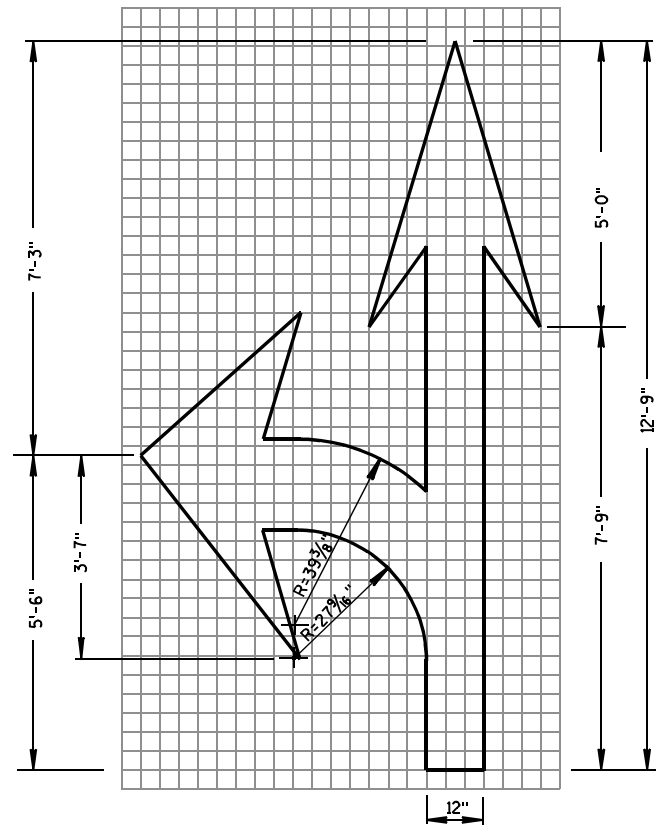
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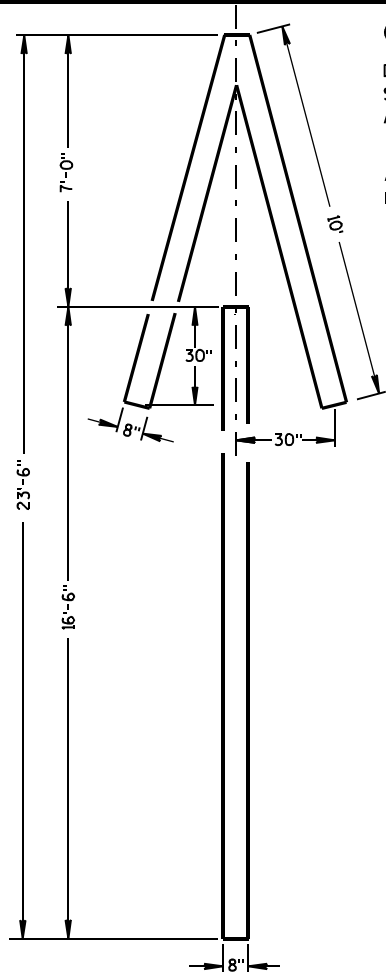
TYPE 6



TYPE 7



TYPE 3

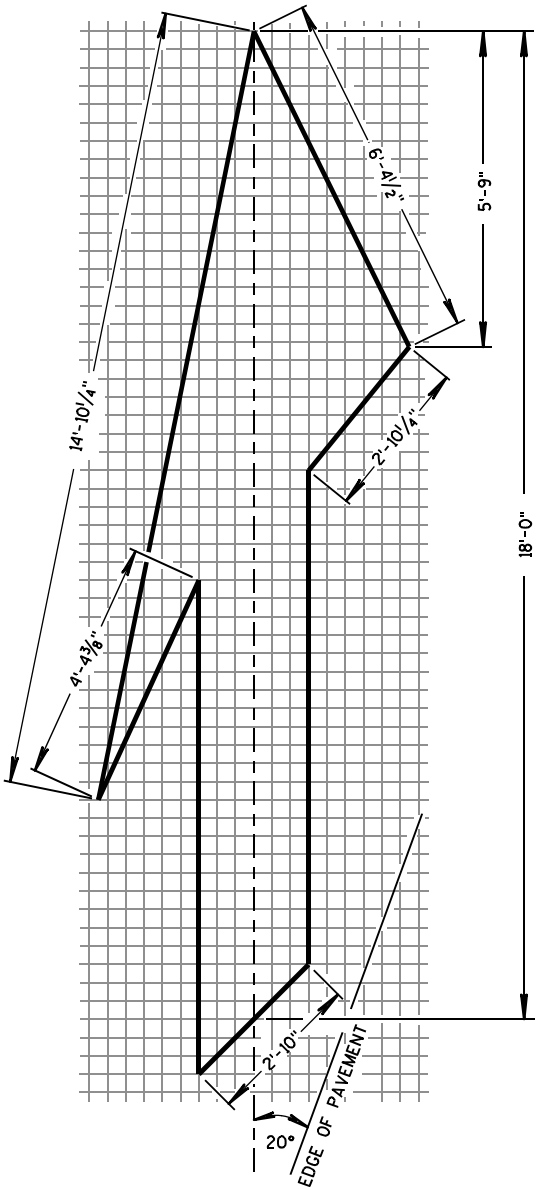


TYPE 4

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.



TYPE 5 LANE DROP ARROW

PAVEMENT MARKING ARROWS

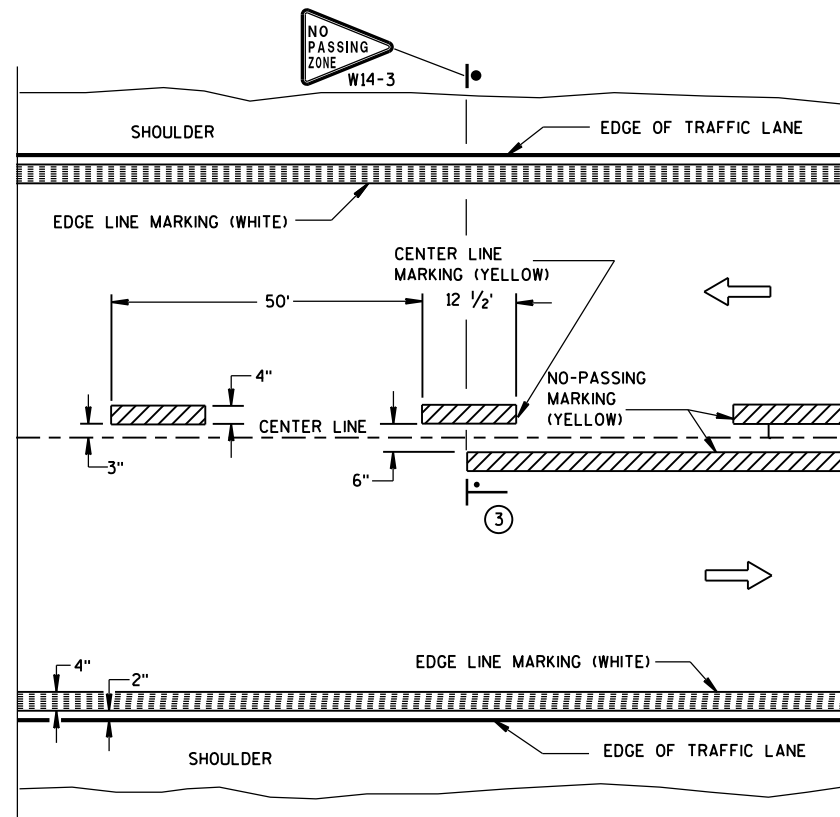
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

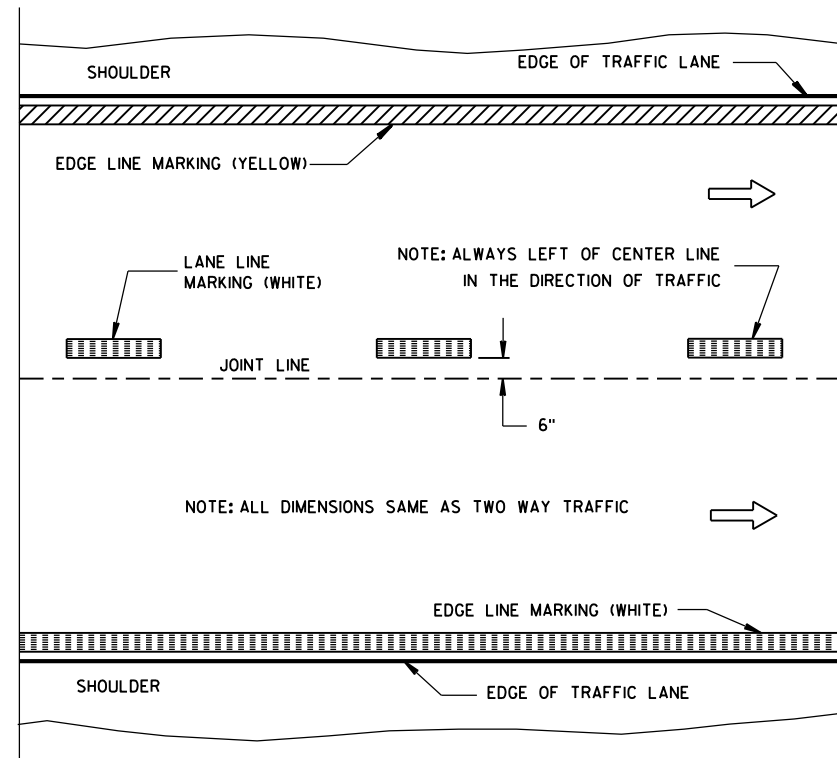
7/1/11
DATE

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

FHWA

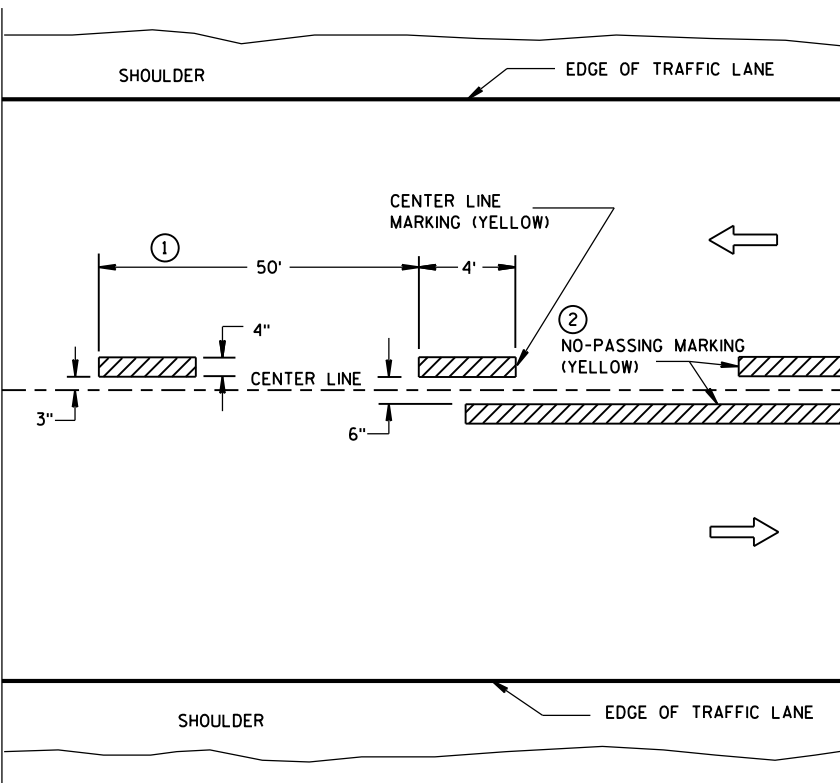


TWO WAY TRAFFIC

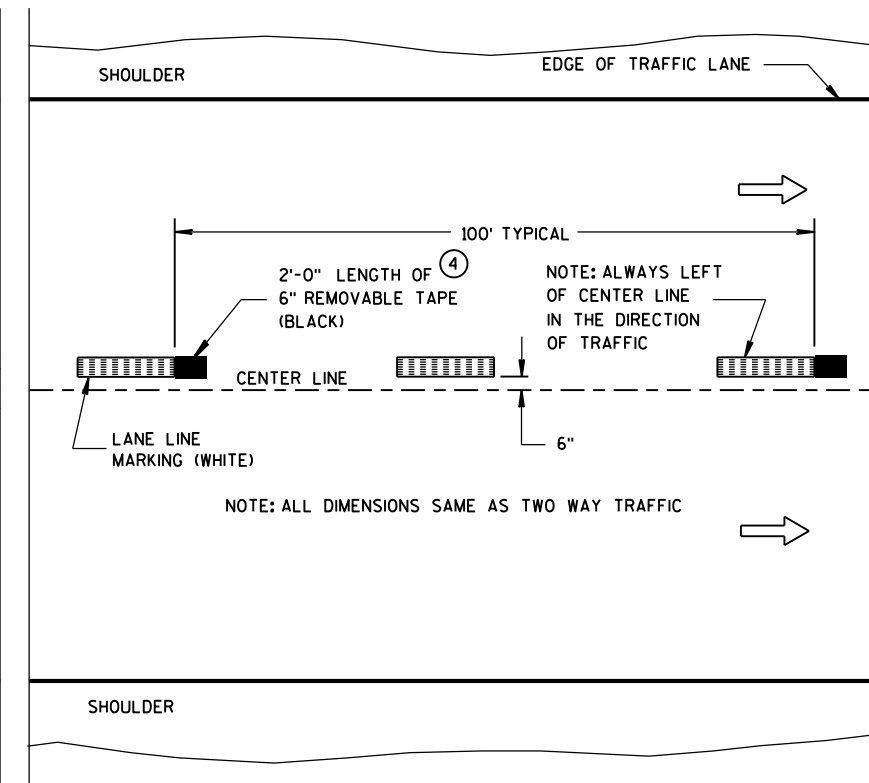


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING
(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

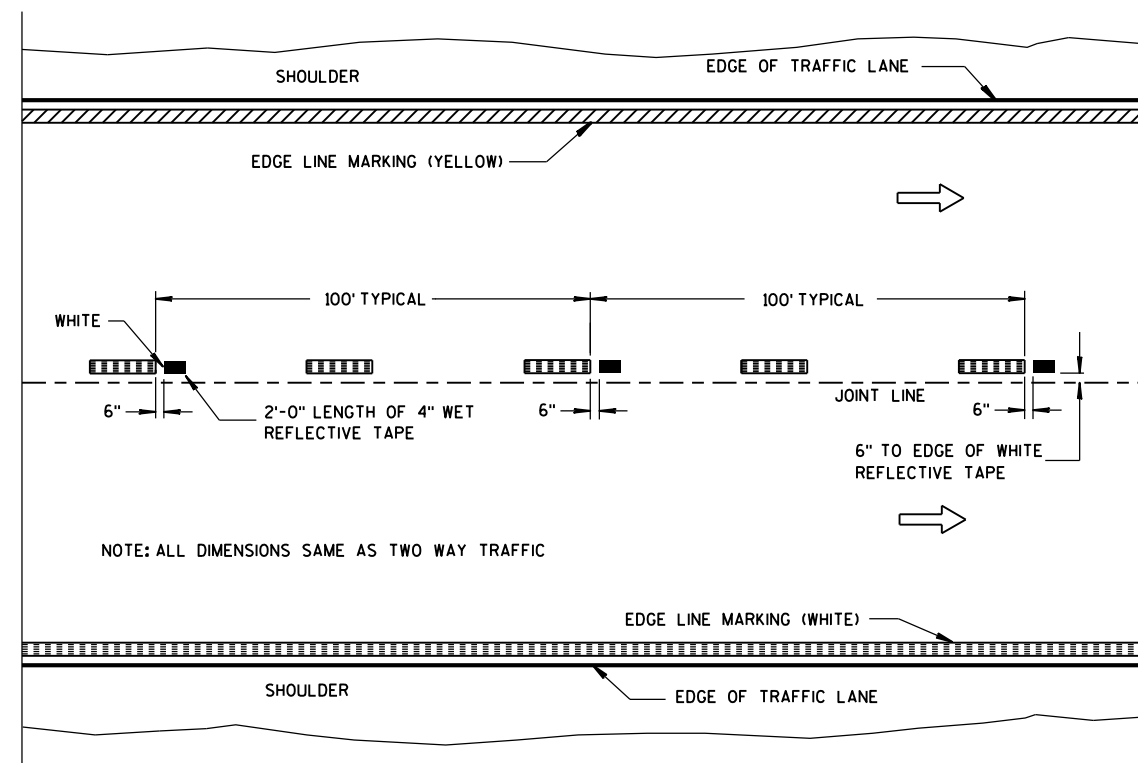
GENERAL NOTES

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

- ① HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.
- ② NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.
- ③ NO PASSING ZONE MARKINGS ARE PLACED ACCORDING TO "T" MARKINGS. IF EXISTING NO PASSING ZONE W14-3 SIGNS ARE BEYOND 50 FEET IN EITHER DIRECTION, THE SIGNS SHALL BE MOVED TO THE "T" MARKINGS.
- ④ CONCRETE ONLY.

NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL



WET REFLECTIVE TAPE SUPPLEMENT TO
SPRAYED OR NON WET REFLECTIVE TAPE LANE LINE

LEGEND

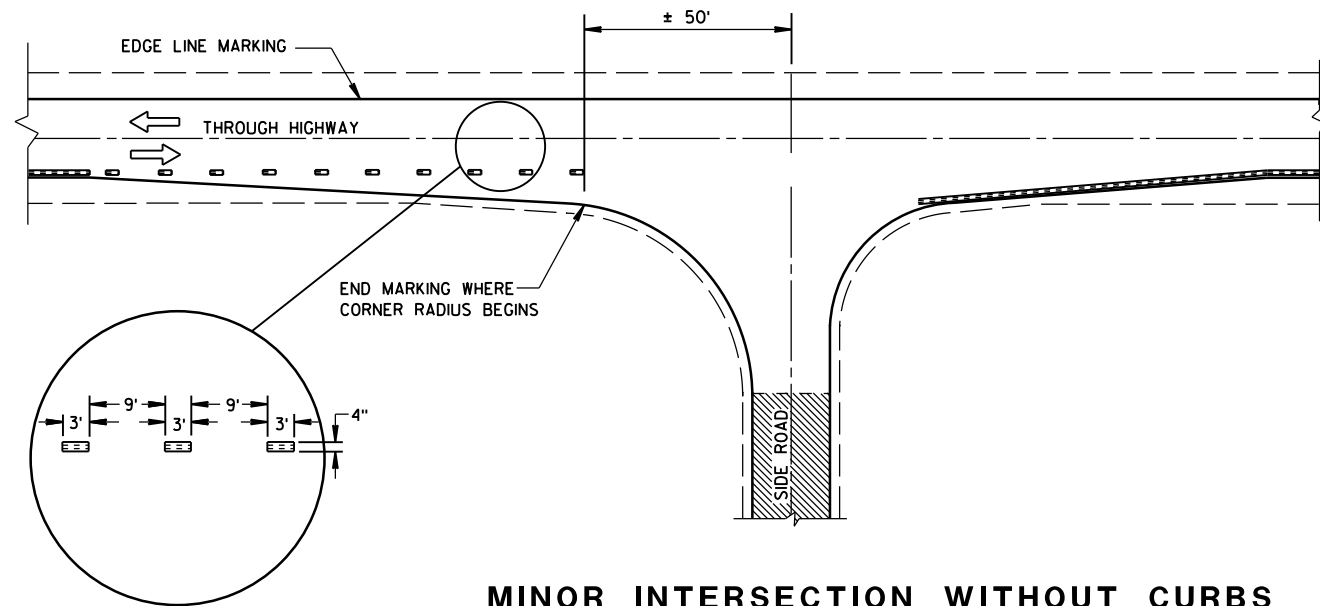
- "T" MARKING
- POST MOUNTED SIGN

PAVEMENT MARKING
(MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5-13-2013
DATE
FHWA

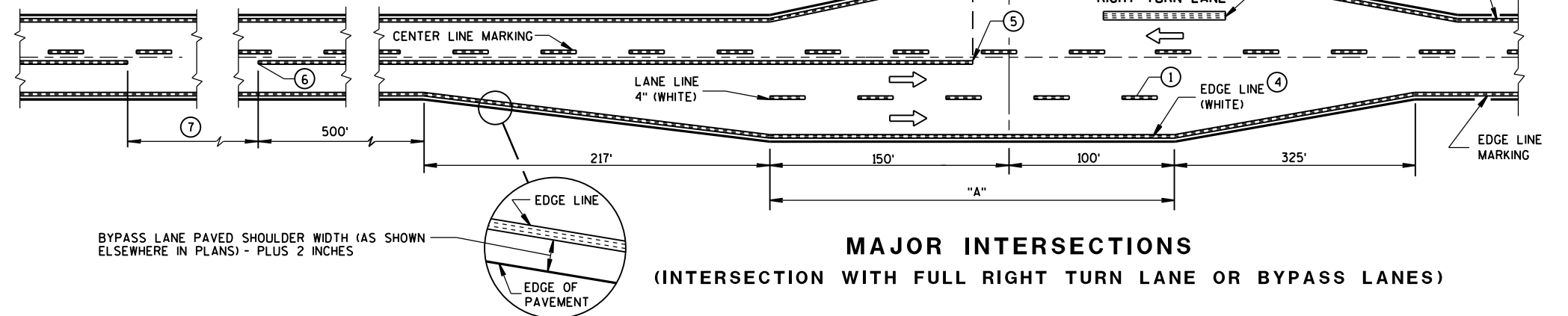
/S/ Travis Feltes
STATE TRAFFIC ENGINEER



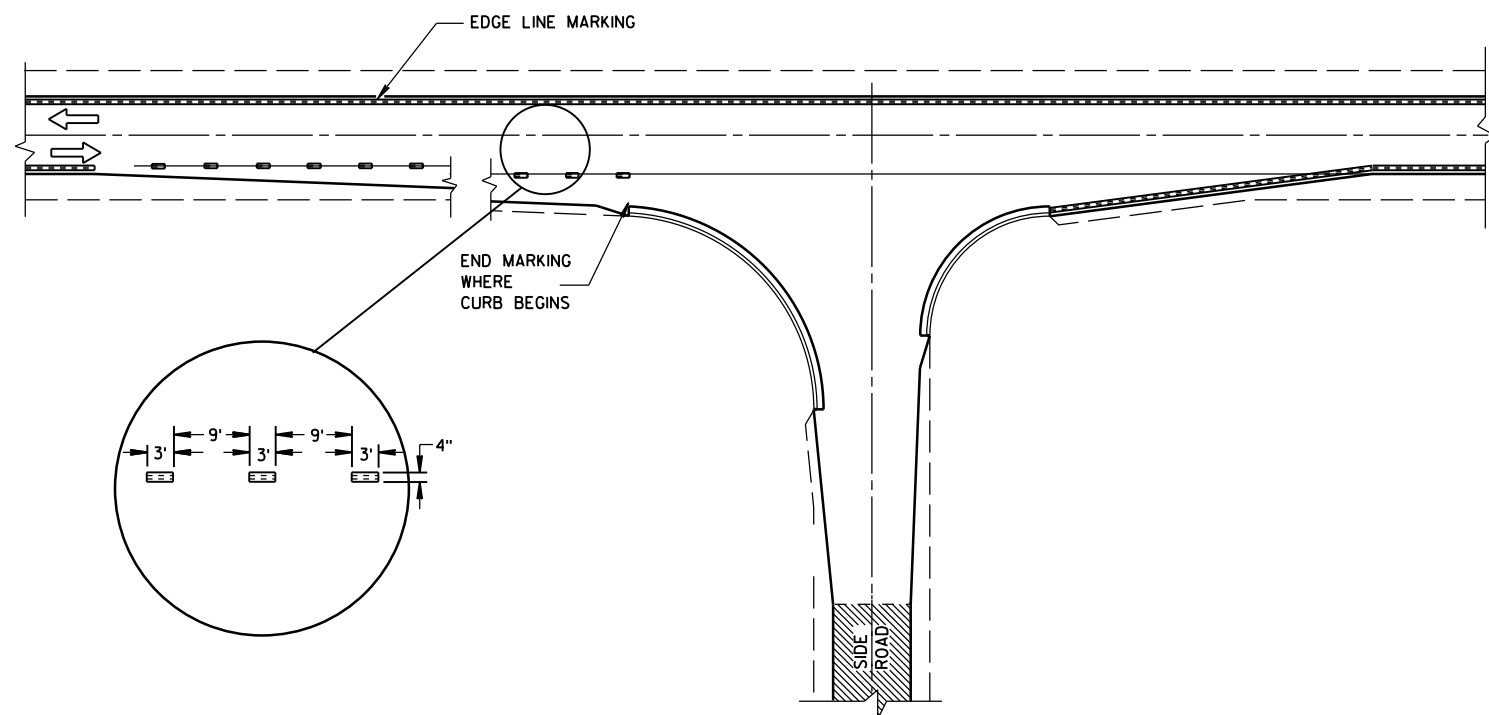
MINOR INTERSECTION WITHOUT CURBS

⑦

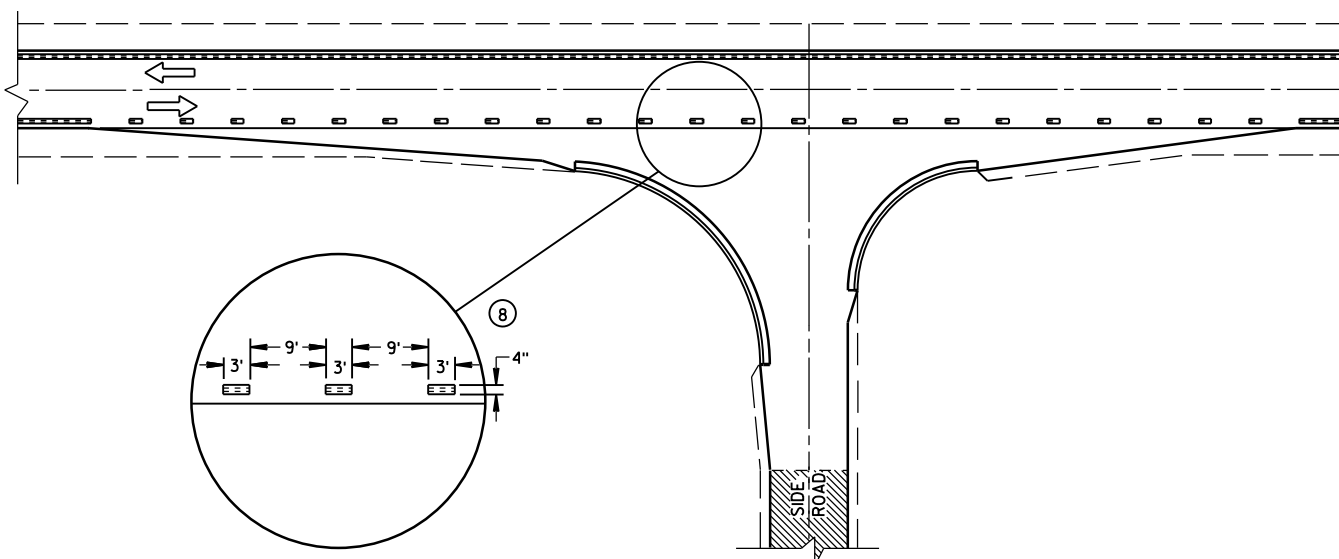
POSTED SPEED (MPH)	MINIMUM DISTANCE BETWEEN ZONES (FEET)
25 - 30	528
35 - 40	528
45 - 50	686
55	792



MAJOR INTERSECTIONS
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)



MINOR INTERSECTION WITH CURBS
(TYPICAL MARKING)



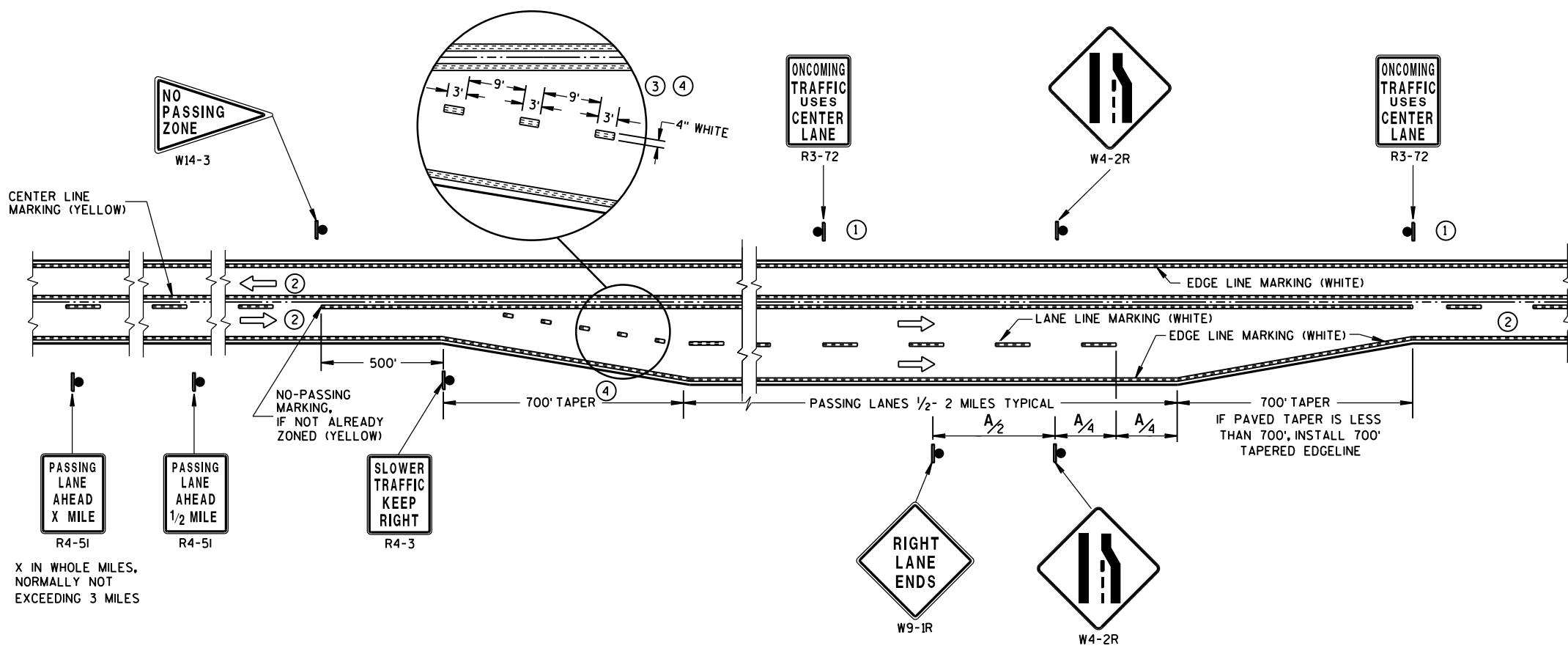
MINOR INTERSECTION WITH CURBS
③ (FOR SPECIAL CONDITIONS AS SPECIFIED)

GENERAL NOTES

- EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED 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 ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.
 - ④ THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.
 - ⑤ BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.
 - ⑥ BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
 - ⑦ IF THE DISTANCE BETWEEN 2 SUCCESSIVE NO-PASSING ZONES IS LESS THAN THE MINIMUM DISTANCE BETWEEN ZONES, CONNECT THE 2 ZONES.
 - ⑧ 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



**SOLID DOUBLE-YELLOW LINE
(THROUGHOUT ENTIRE PASSING/CLIMBING LANE)**

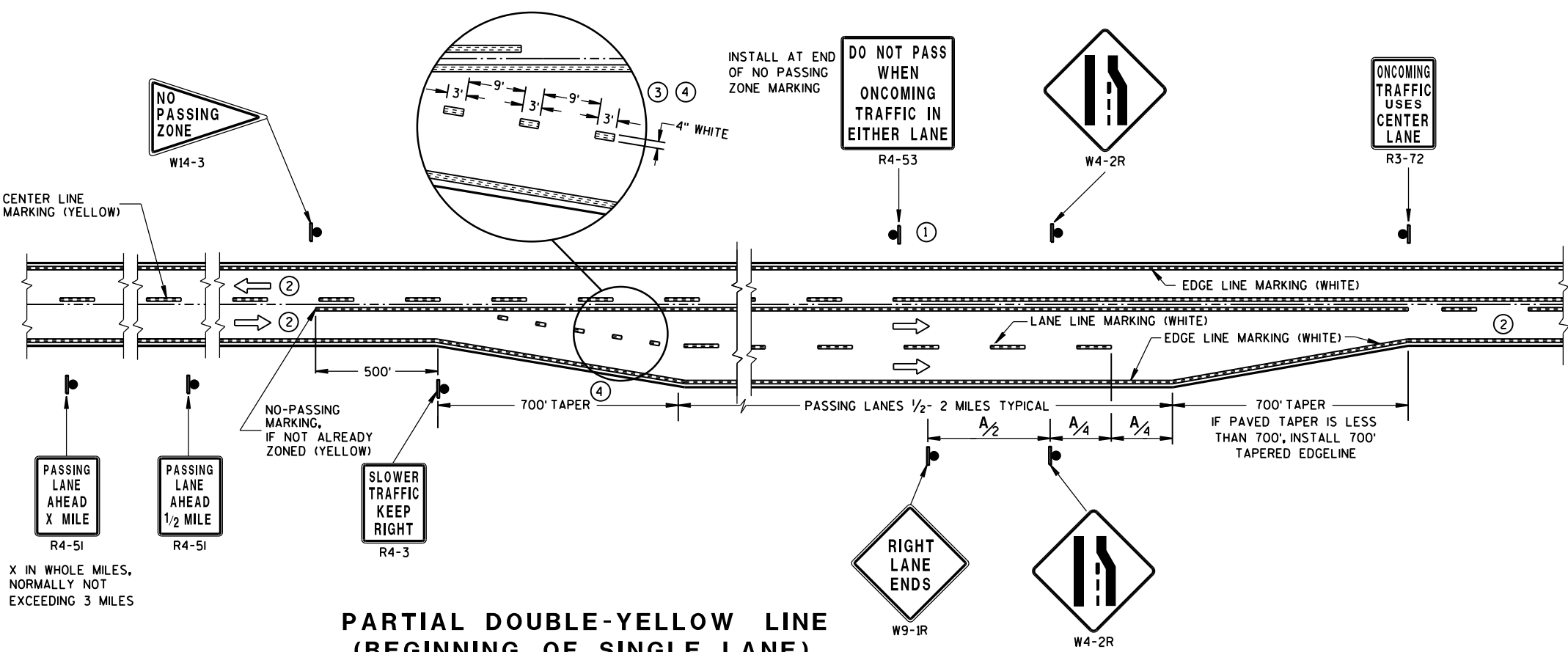
GENERAL NOTES

- 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.
- ④ 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

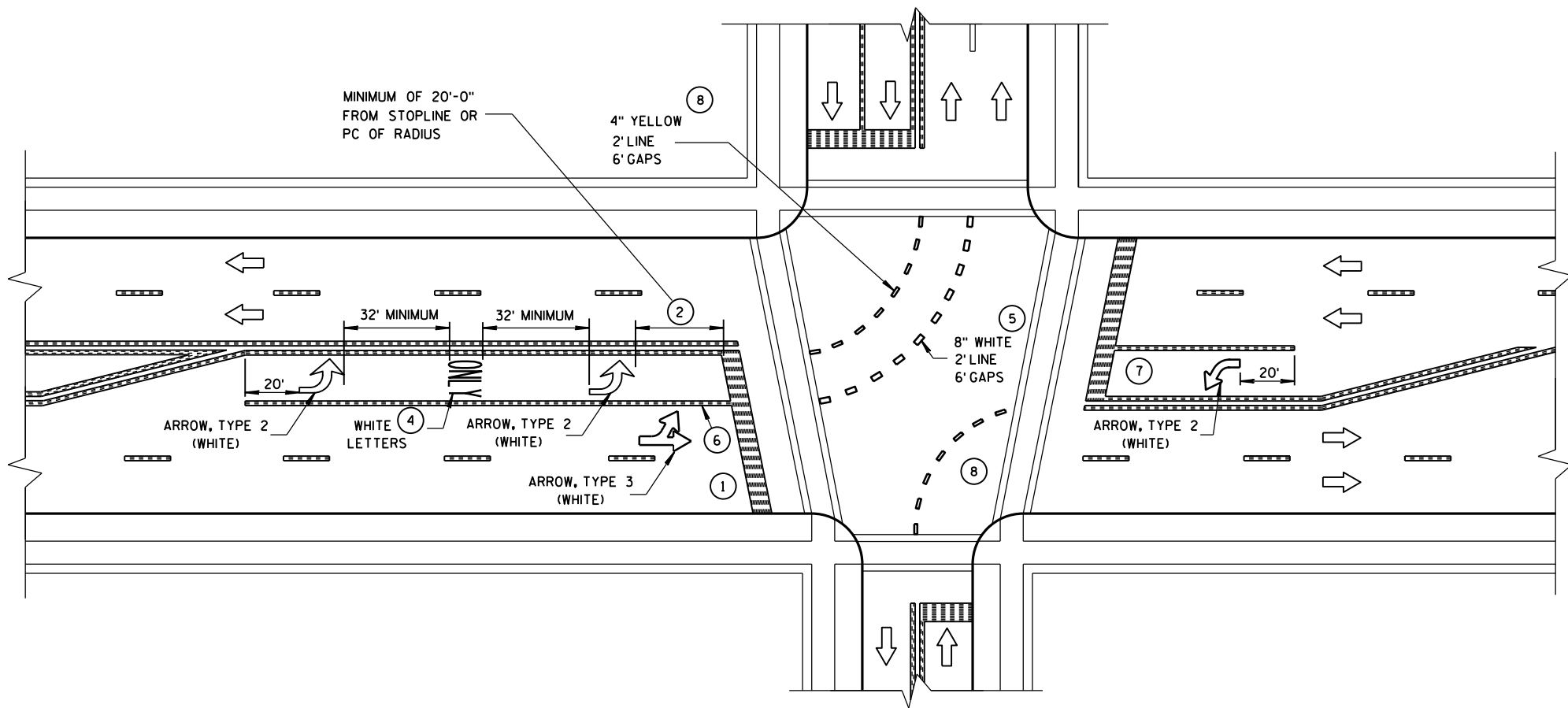
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	750
50	850
55	950



**PARTIAL DOUBLE-YELLOW LINE
(BEGINNING OF SINGLE LANE)**

**PAVEMENT MARKING & SIGNING
(CLIMBING LANE & PASSING LANE)**

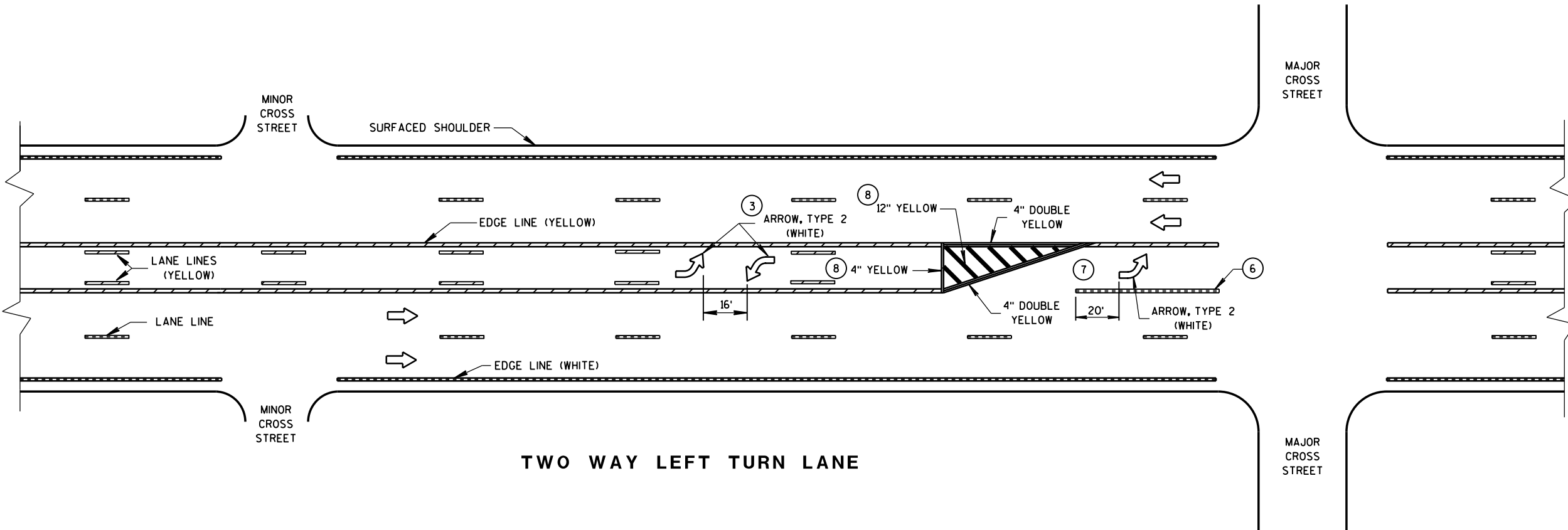
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



GENERAL NOTES

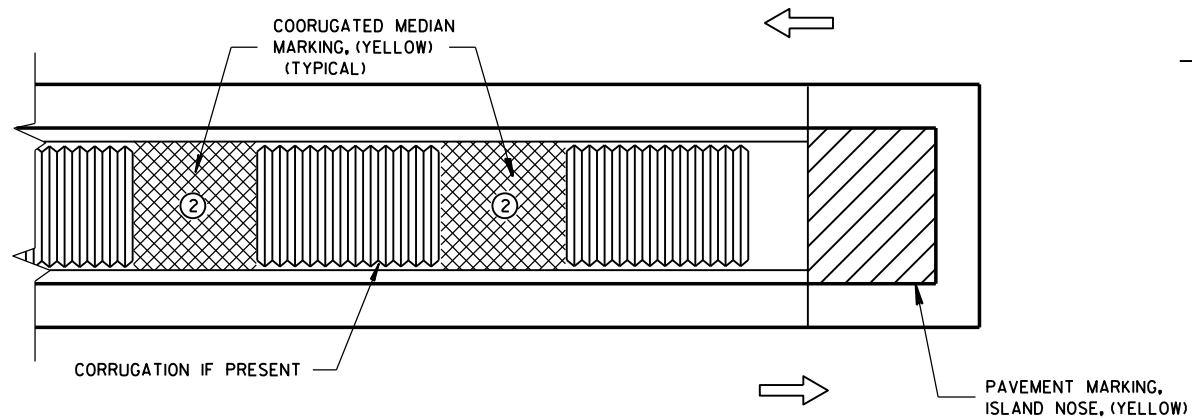
- 1 STOP BAR IS REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
- 2 DISTANCE MAY BE ADJUSTED TO ACCOMODATE SHORT LEFT TURN LANES. AS APPROVED BY THE ENGINEER.
- 3 A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
- 4 ADD EXTRA SETS OF ONE ARROW AND ONE ONLY PER 160 FEET OR WHEN ON A CURVE.
- 5 8" WHITE WITH 2' LINE 6' GAPS FOR DUAL TURN LANE.
- 6 8" WHITE
- 7 ADD SECOND ARROW WHEN TURN BAY IS GREATER THAN OR EQUAL TO 108 FEET.
- 8 REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.

NOTE:
ARROW SYMBOL (➡)
SHOWS DIRECTION OF TRAVEL

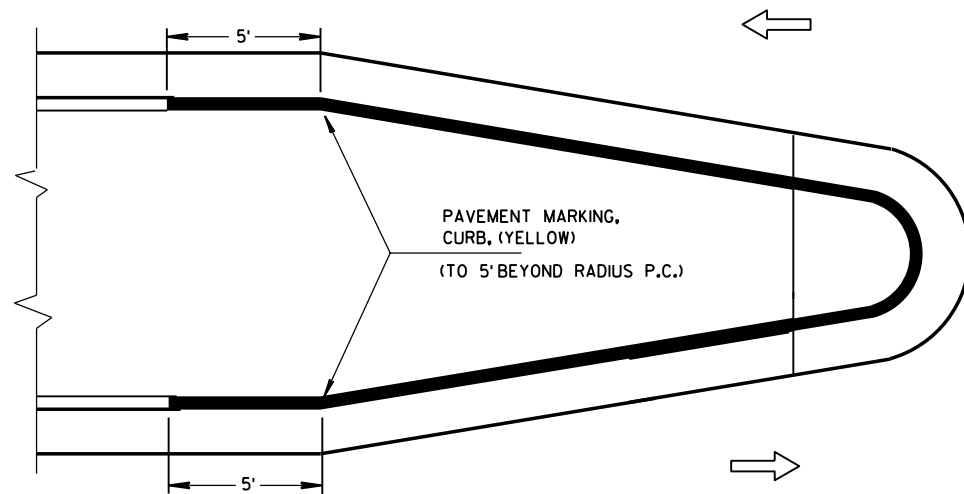


PAVEMENT MARKING
(LEFT TURN LANE)

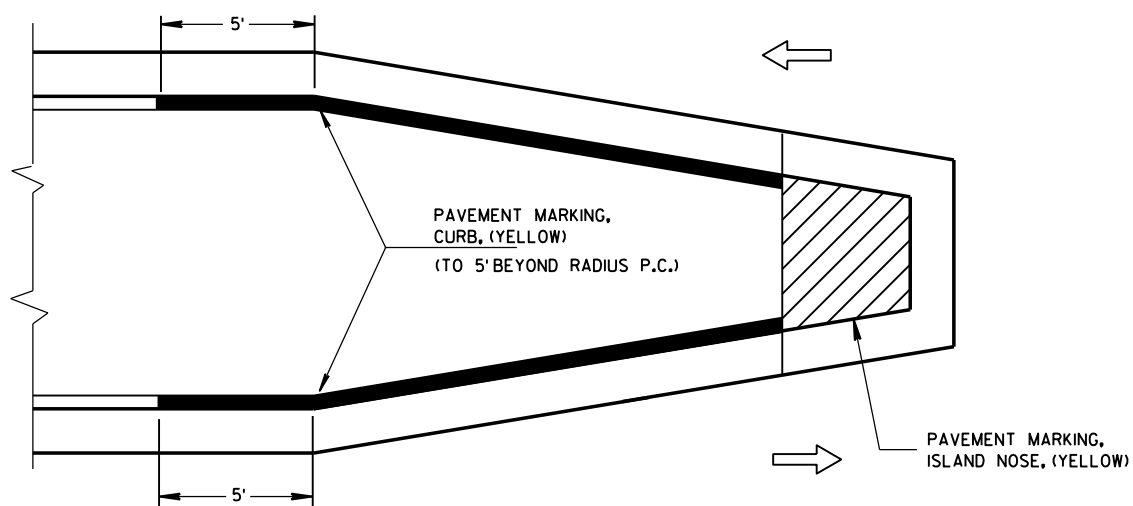
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



MEDIAN ISLAND WITH SQUARE BLUNT NOSE

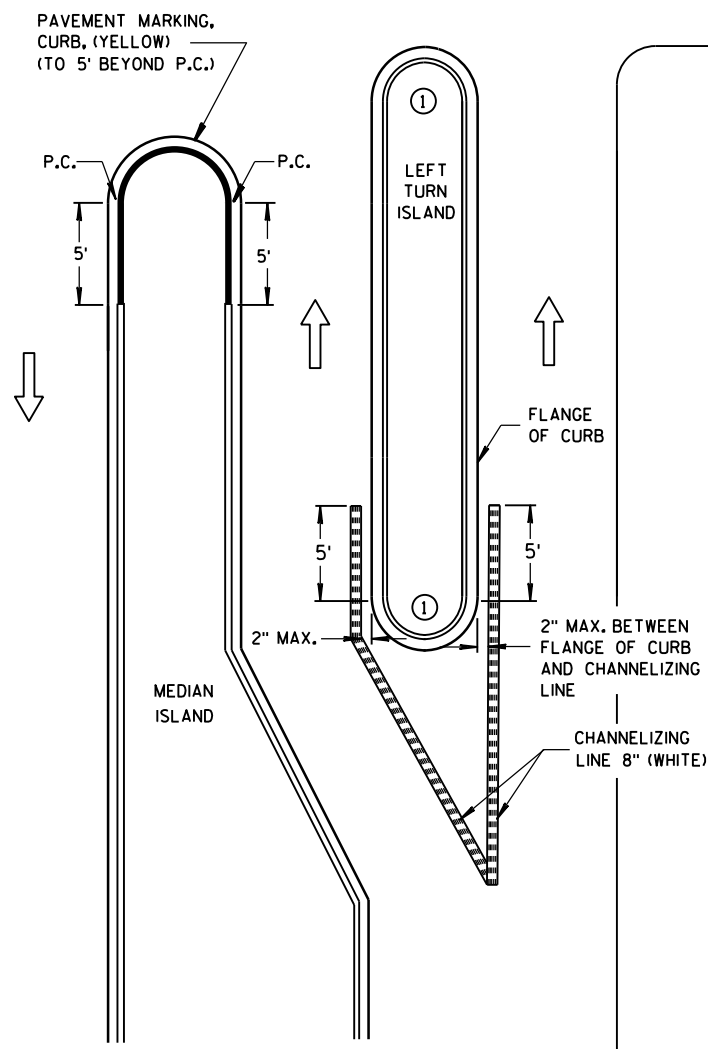


MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

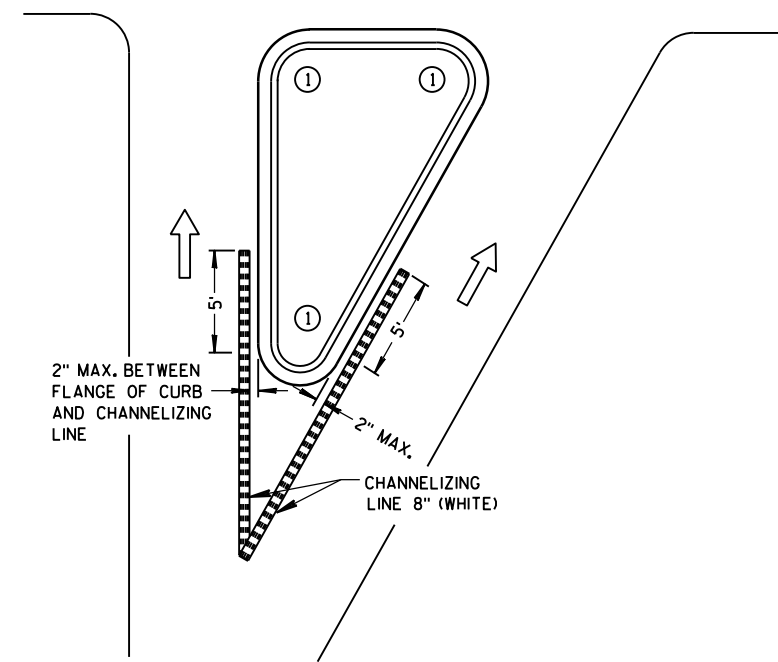
TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS



LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

- DO NOT MARK CURB NOSES THAT SEPARATE LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION.
- WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.



RIGHT TURN ISLAND





LEGEND

- ISLAND NOSE MARKING
- CURB MARKING
- CORRUGATED MEDIAN MARKING
- DIRECTION OF TRAVEL

PAVEMENT MARKING (ISLANDS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

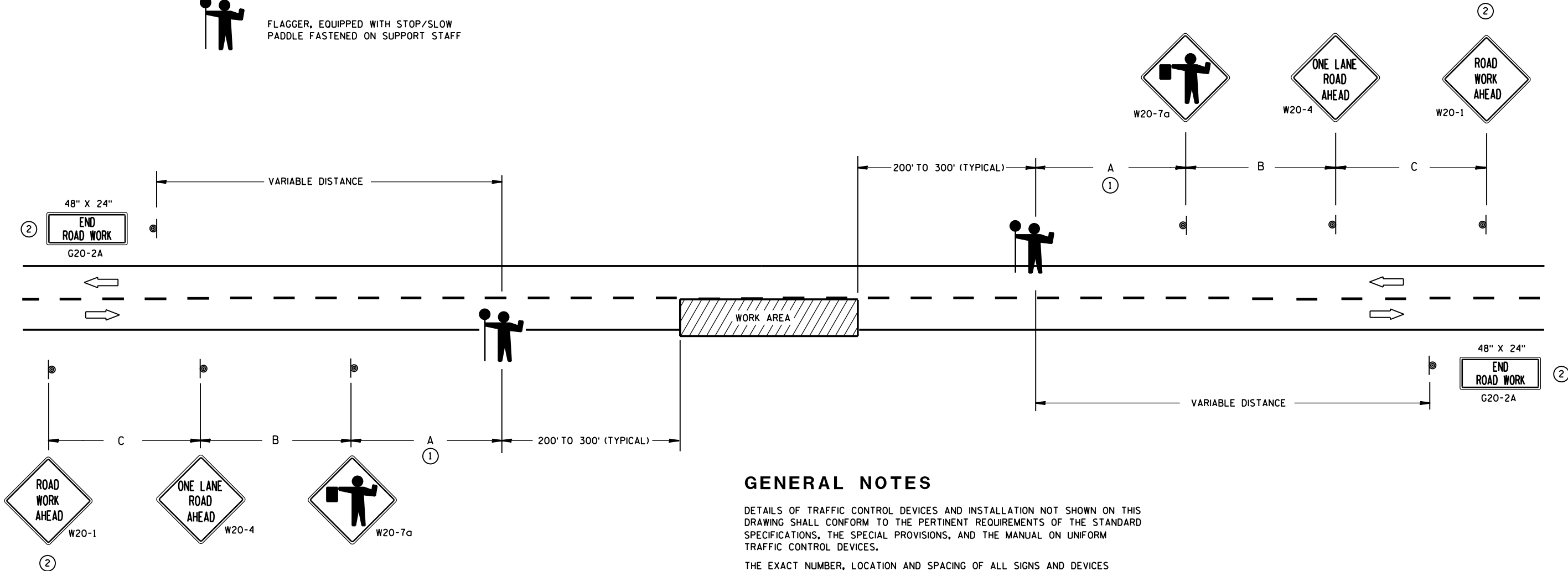
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN SPACING TABLE

SPEED LIMIT	SIGN SPACING A,B,C
25-35 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



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.

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.

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, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.

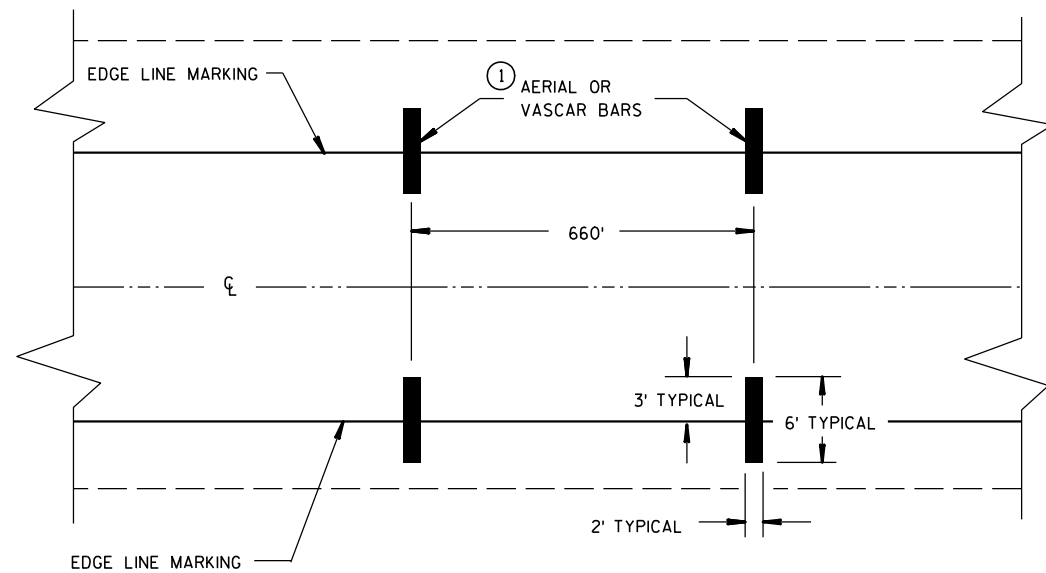
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

- ① FOR A MOVING WORK OPERATION, SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.
- ② SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

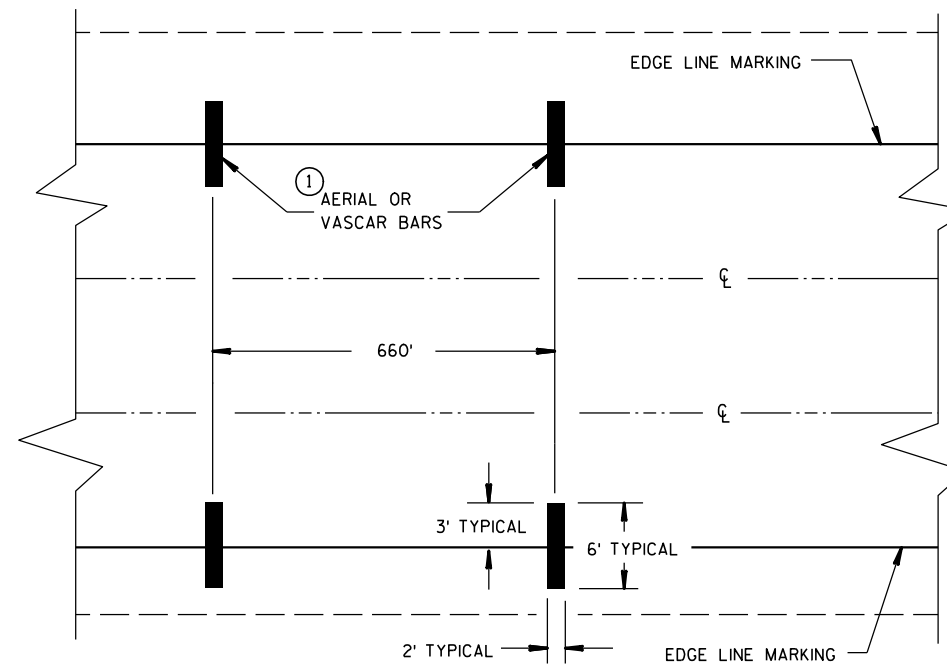
TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8/2013 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA



TYPICAL FOR TWO WAY OR ONE WAY TRAFFIC



TYPICAL FOR MULTILANE TRAFFIC

SPEED ENFORCEMENT ZONE WITH AERIAL OR VASCAR BARS

GENERAL NOTES

- 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.

AERIAL ENFORCEMENT BARS
PAVEMENT MARKING DETAILS

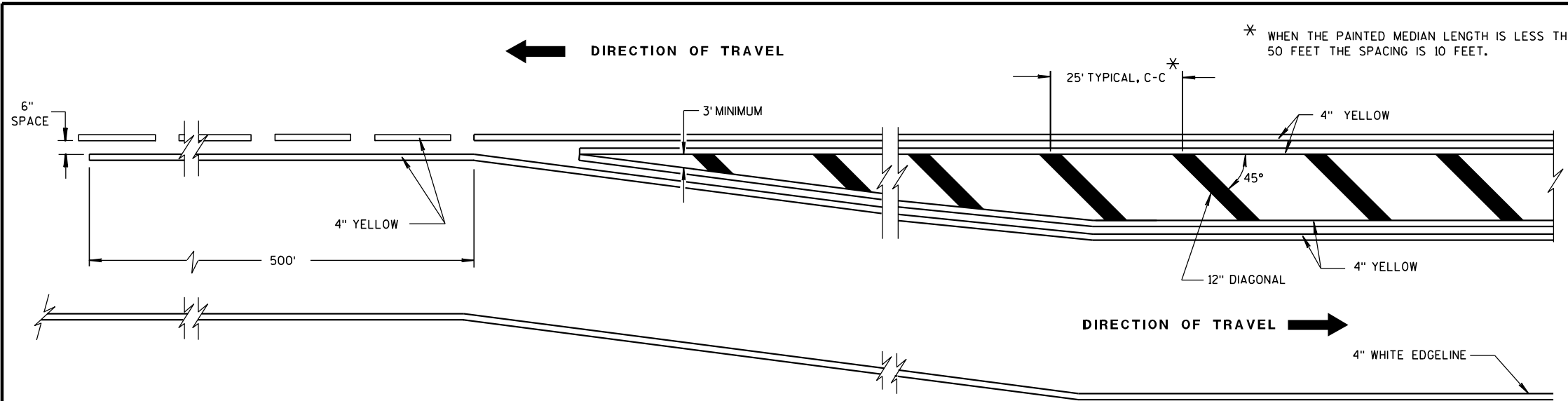
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4/23/01
DATE

/S/ Chester J. Spang
CHIEF SIGNS AND MARKING ENGINEER

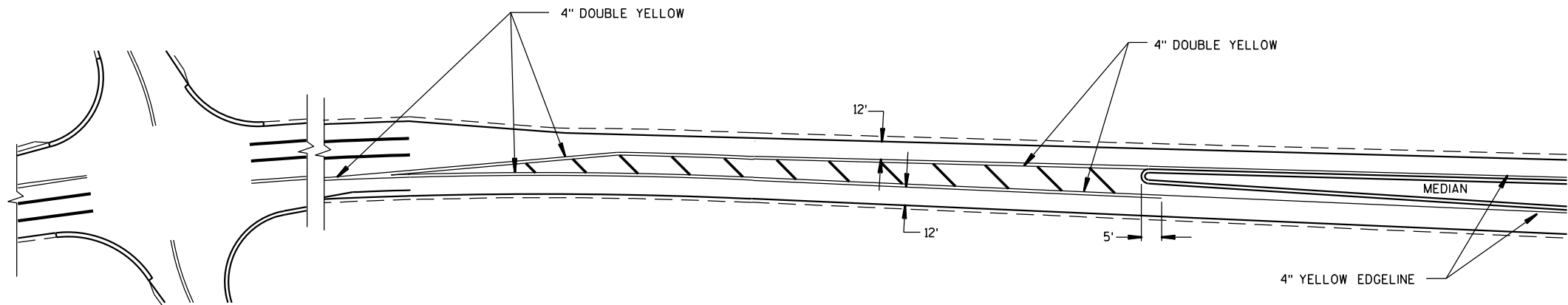
FHWA



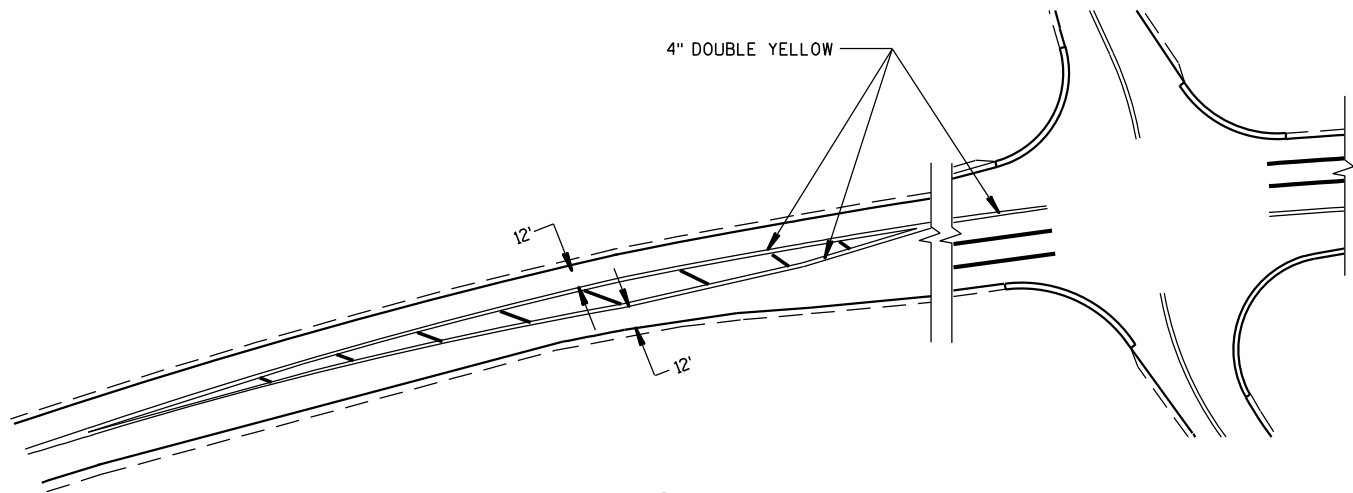
MEDIAN ISLAND DETAIL

GENERAL NOTE

DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.

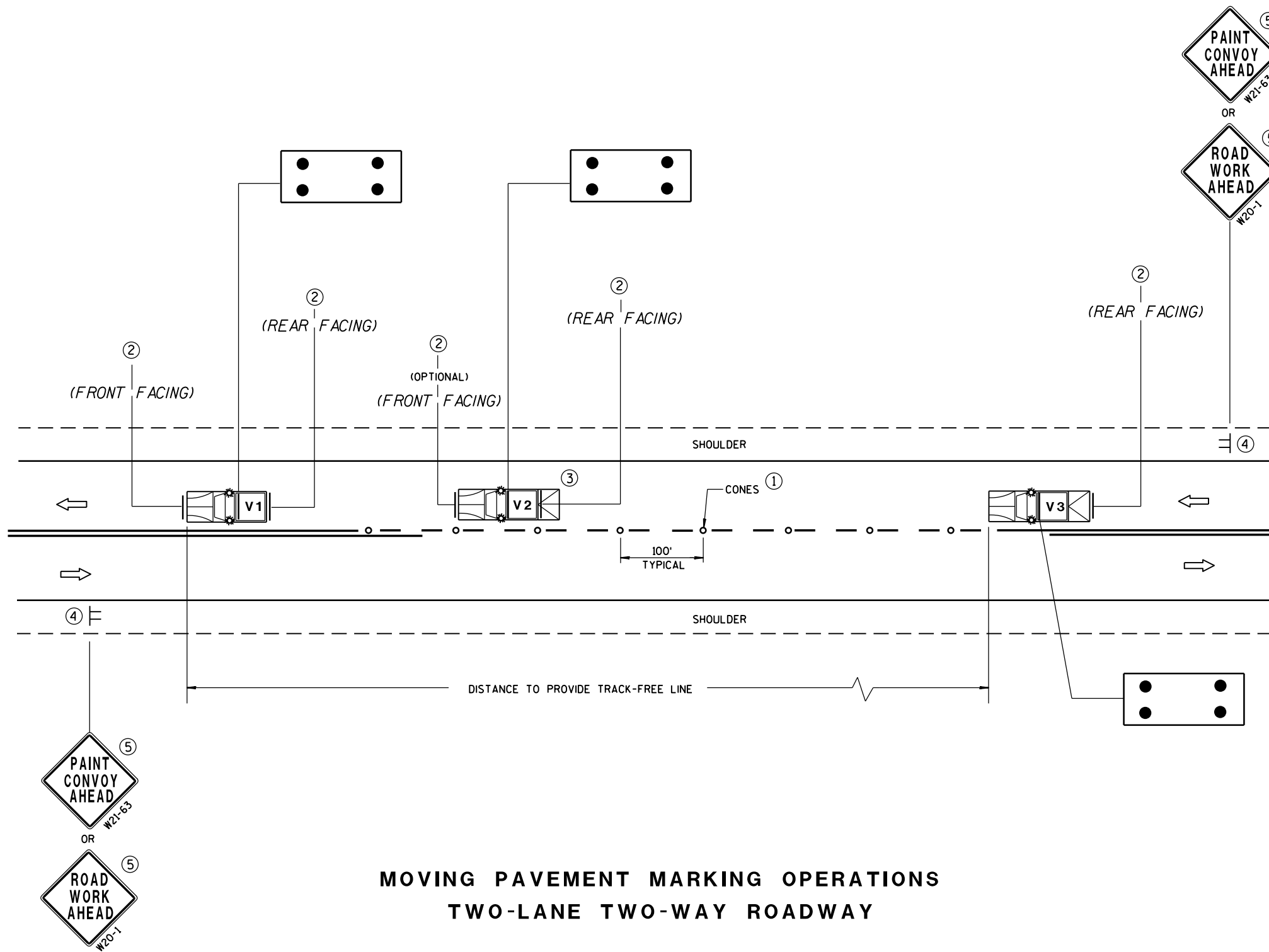


APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON APPROACH MARKINGS

MEDIAN ISLAND MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 2-5-09 DATE	/S/ Thomas N. Notbohm STATE TRAFFIC ENGINEER OF DESIGN
FHWA	



MOVING PAVEMENT MARKING OPERATIONS TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

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

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

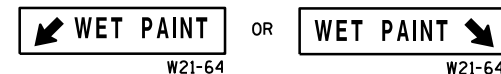
THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.



③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.

④ SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1 LEAD VEHICLE

V2 SHADOW VEHICLE

V3 TRAIL VEHICLE WITH TMA

TMA TRUCK-MOUNTED ATTENUATOR

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

CONES

FLASHING ARROW PANEL (CAUTION)

MOVING PAVEMENT MARKING
OPERATION
TWO-LANE TWO-WAY ROADWAY

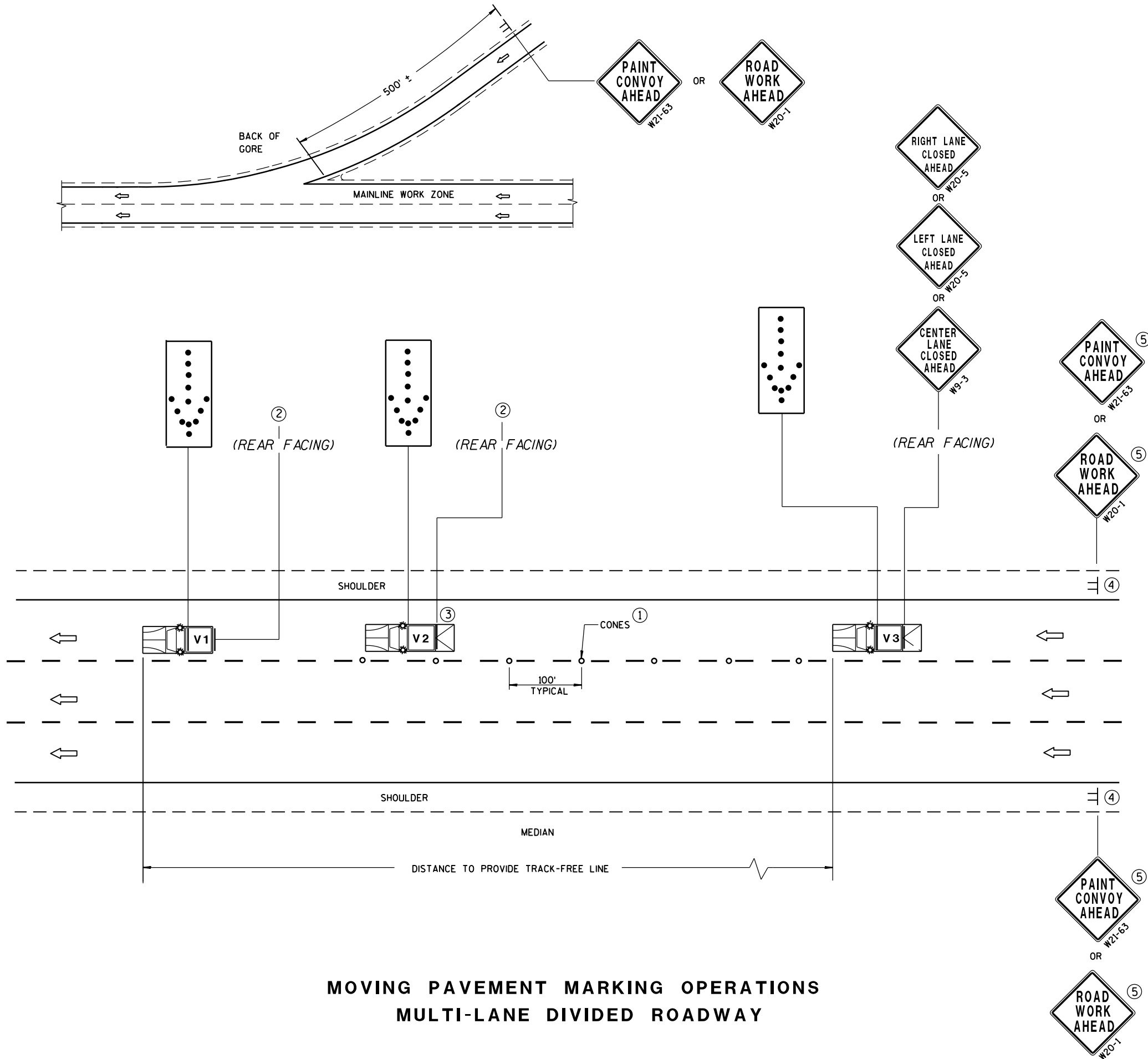
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

5/3/2013
DATE

FHWA

/S/ Travis Feltes
STATE TRAFFIC ENGINEER



GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

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

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

FOR EDGE LINE MARKING OR IF CONES ARE NOT USED, POSITION THE REARMOST SHADOW VEHICLE ON THE SHOULDER AS SHOWN IN THE MUTCD IF THE SHOULDER HAS ADEQUATE WIDTH. USE DOUBLE ARROWS WHEN CONVOY IS IN CENTER LANE ONLY.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

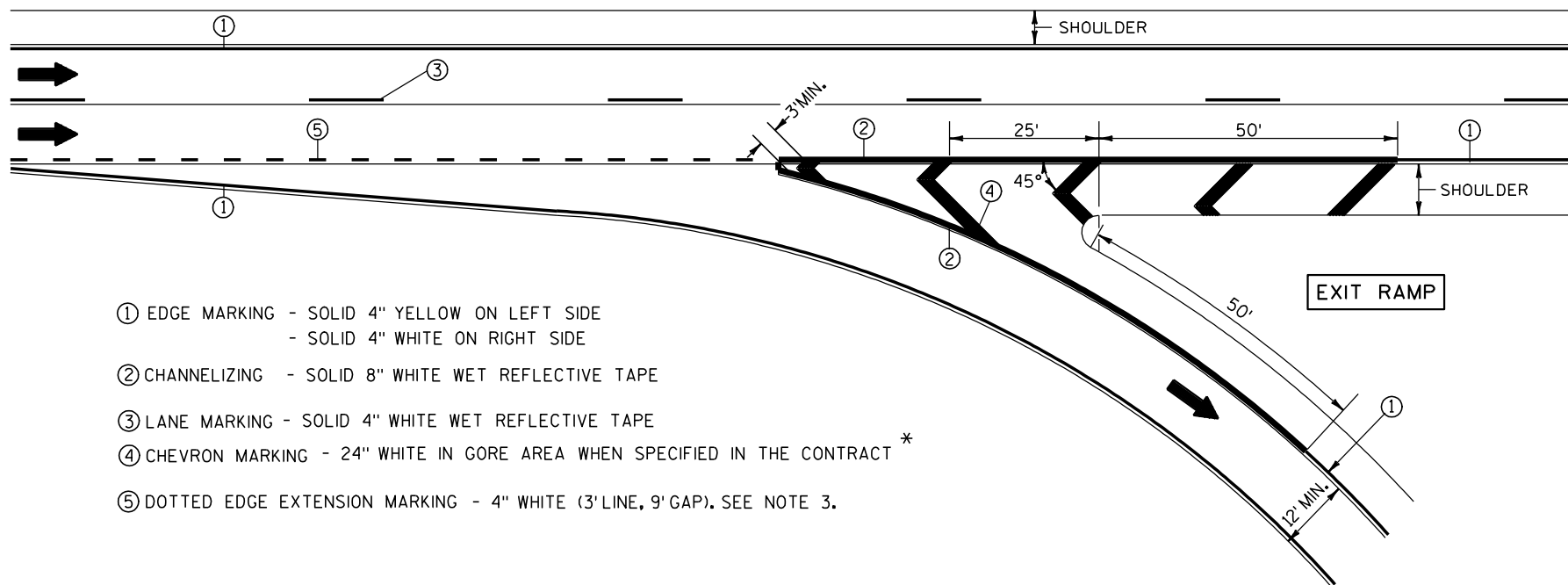
THIS DRAWING SHALL BE USED FOR EDGE LINE OR LANELINE MARKING FOR MULTILANE DIVIDED ROADWAYS.

- ① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.
- ② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.
- ③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.
- ④ SIGNS SHALL BE REPEATED AFTER EVERY ON RAMP OR EVERY THREE MILES.
- ⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

- V1 LEAD VEHICLE
- V2 SHADOW VEHICLE
- V3 TRAIL VEHICLE WITH TMA
- TMA TRUCK-MOUNTED ATTENUATOR
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- CONES
- FLASHING ARROW PANEL (MERGE)

MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 5/3/2013 DATE	/S/ Travis Feltes STATE TRAFFIC ENGINEER
FHWA	

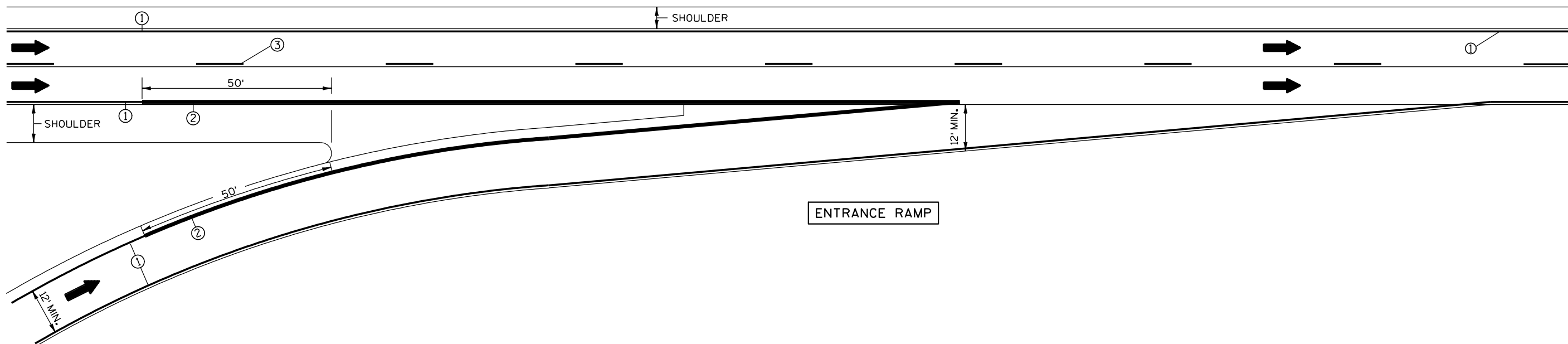


- ① EDGE MARKING - SOLID 4" YELLOW ON LEFT SIDE
- SOLID 4" WHITE ON RIGHT SIDE
- ② CHANNELIZING - SOLID 8" WHITE WET REFLECTIVE TAPE
- ③ LANE MARKING - SOLID 4" WHITE WET REFLECTIVE TAPE
- ④ CHEVRON MARKING - 24" WHITE IN GORE AREA WHEN SPECIFIED IN THE CONTRACT *
- ⑤ DOTTED EDGE EXTENSION MARKING - 4" WHITE (3' LINE, 9' GAP). SEE NOTE 3.

NOTES:

- 1. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
- 2. PLACE WHITE EDGE OF TAPE 6" LEFT FROM JOINT.
- 3. 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- 4. RETRACE EXISTING DIAGONAL MARKINGS.

* REFER TO DESIGN NOTES.



PAVEMENT MARKING
(RAMPS AND GORES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMENENT SUPPORT
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

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 SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIREABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"W0" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

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. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 OR MORE DAYS AND NIGHTS.

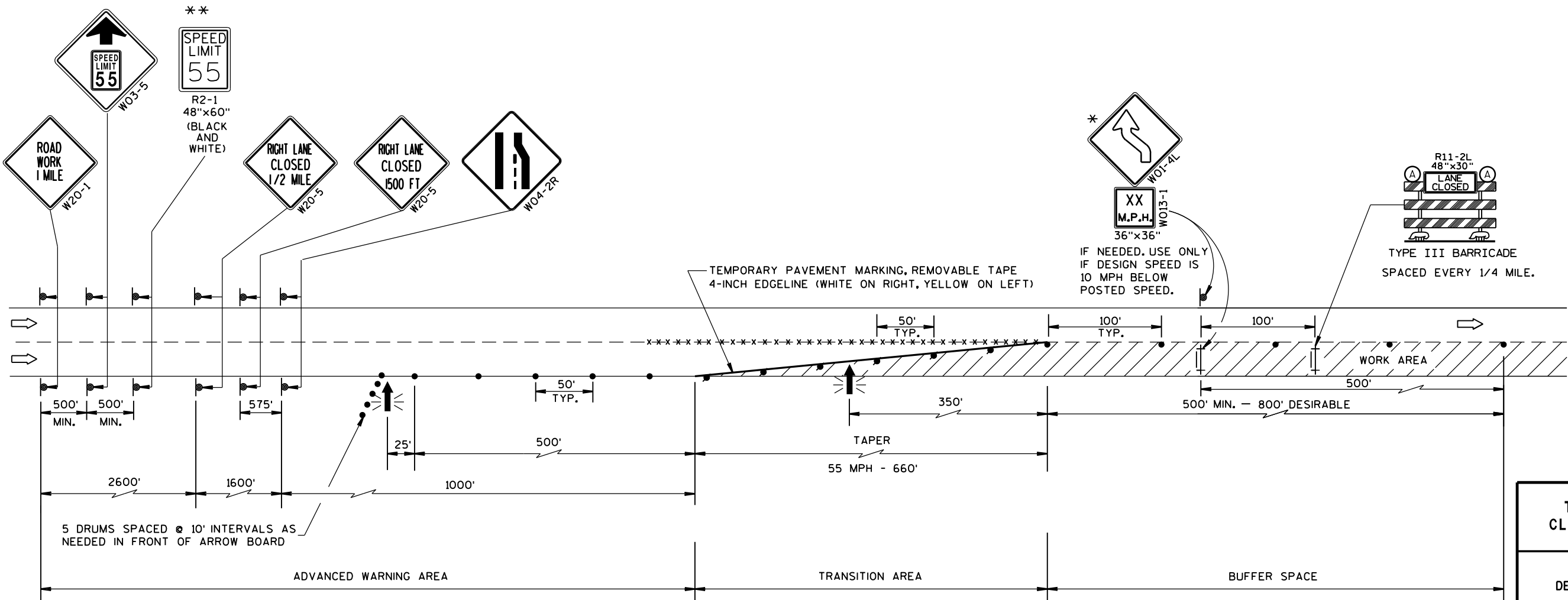
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

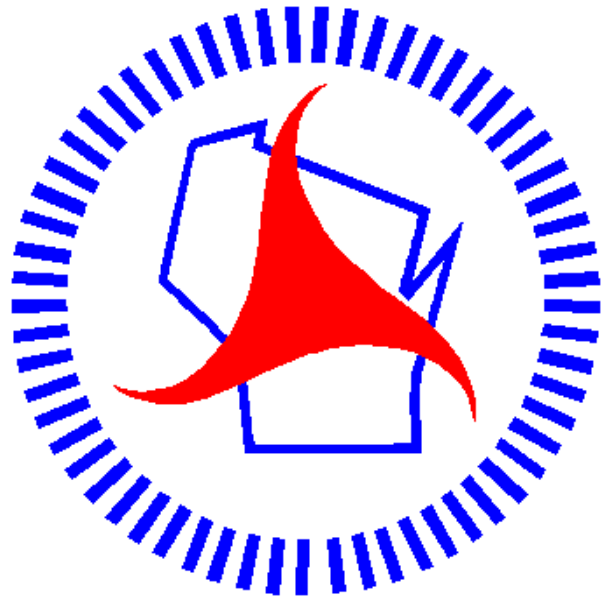
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

* THE LEFT REVERSE CURVE SIGN (W01-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.

** A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. THERE SHOULD BE A SPEED LIMIT SIGN INCORPORATED A MINIMUM OF EVERY 2 OR 3 MILES. INCLUDE A 65 MPH RESUME SPEED LIMIT SIGN 200 FEET MINIMUM (500 FEET DESIREABLE) BEYOND THE "END OF ROADWORK" SIGN.



TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 3-2014 DATE	/S/ Travis Feltes STATE TRAFFIC ENGINEER OF DESIGN
FHWA	



Wisconsin Department of Transportation

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