

GRE
PROJECT ID:
WITH: N/A

1009-34-37

COUNTY:

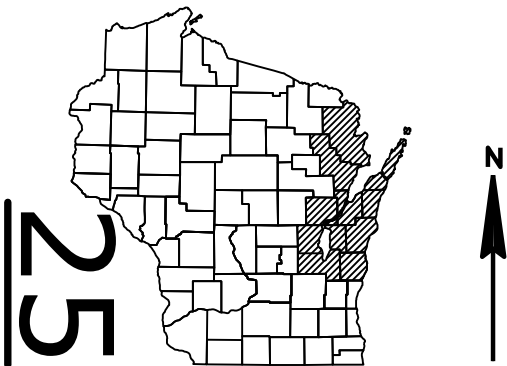
NE REGION WIDE

JANUARY 2025

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.	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
Section No.	0	Cross Sections

TOTAL SHEETS = 54



DESIGN DESIGNATION

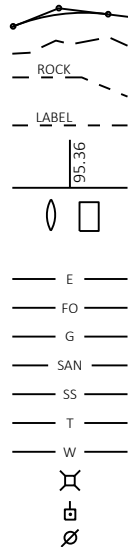
A.A.D.T.	=
A.A.D.T.	=
D.H.V.	=
D.D.	=
T.	=
DESIGN SPEED	=
ESALS	=

CONVENTIONAL SYMBOLS

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

PROFILE

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



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

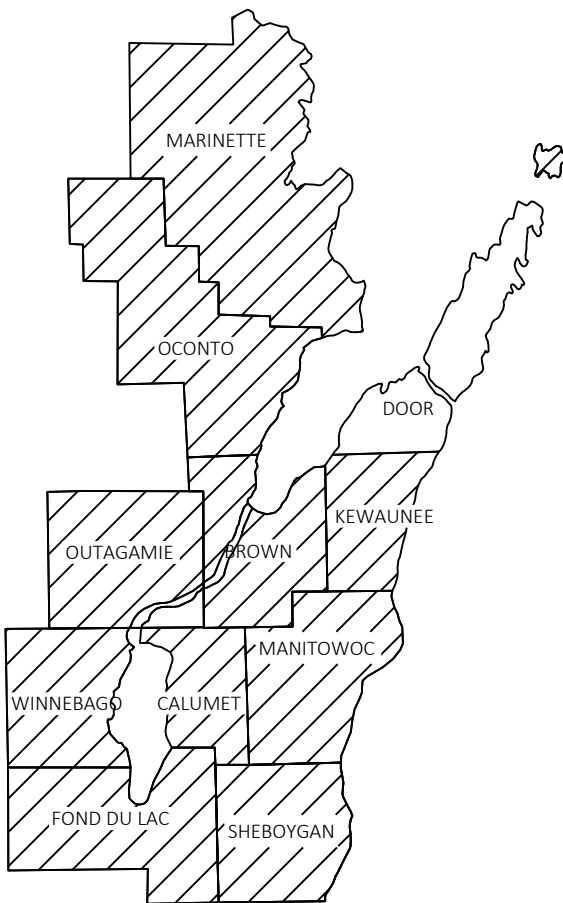
EPOXY PAVEMENT MARKING-STH/USH

LOCATIONS ON STN PER ANNUAL PLN

VAR HWY

NORTHEAST REGION WIDE

STATE PROJECT NUMBER
1009-34-37



BROWN CO	26.00 MILES
CALUMET CO	14.50 MILES
FOND DU LAC CO	37.50 MILES
KEWAUNEE CO	12.00 MILES
MANITOWOC CO	4.75 MILES
MARINETTE CO	28.00 MILES
OCONTO CO	54.10 MILES
OUTAGAMIE CO	54.75 MILES
SHEBOYGAN CO	11.50 MILES
WINNEBAGO CO	43.50 MILES

TOTAL 286.60 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), {NAME} COUNTY, NAD83 HYEAR, IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 {YEAR}. GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1009-34-37	WISC 2025254	1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	
Designer	S. HERLACHE
Project Manager	E. SIKORSKI
Regional Examiner	
Regional Supervisor	M. FREWERD

APPROVED FOR THE DEPARTMENT
DATE: 10/14/2024
Eric Sikorski, P.E.
(Signature)

E

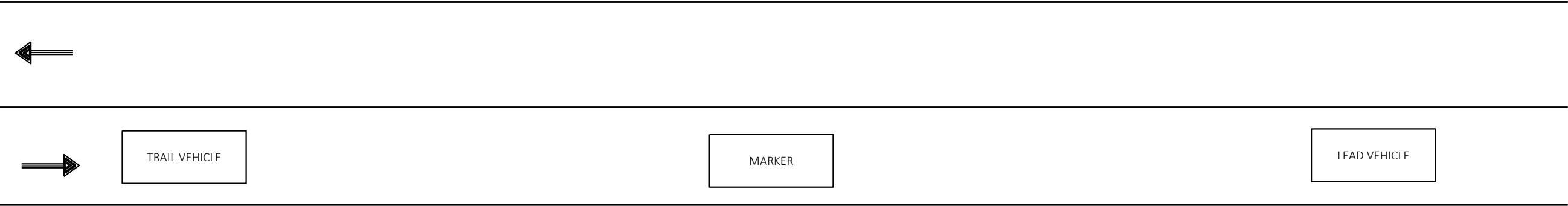
GENERAL NOTES

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE THEIR 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.



ORDER OF SHEETS

- TITLE SHEET
- GENERAL NOTES
- CONSTRUCTION DETAIL
- PAVEMENT MARKING LOCATION MAP
- MISCELLANEOUS QUANTITIES



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

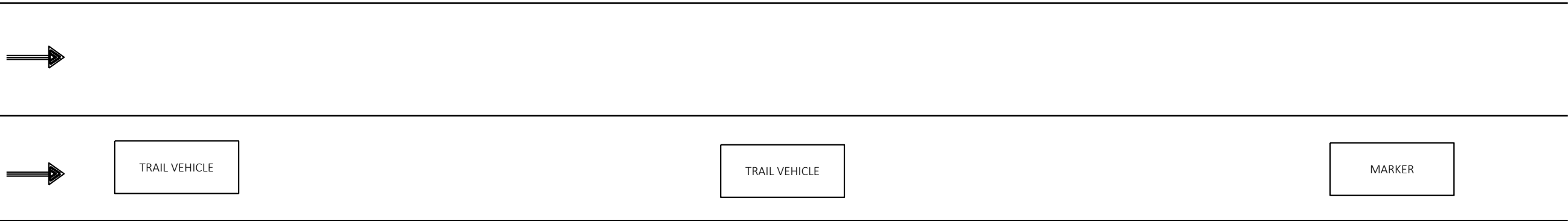
NOTE:

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.

CONVENTIONAL ROADWAYS

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

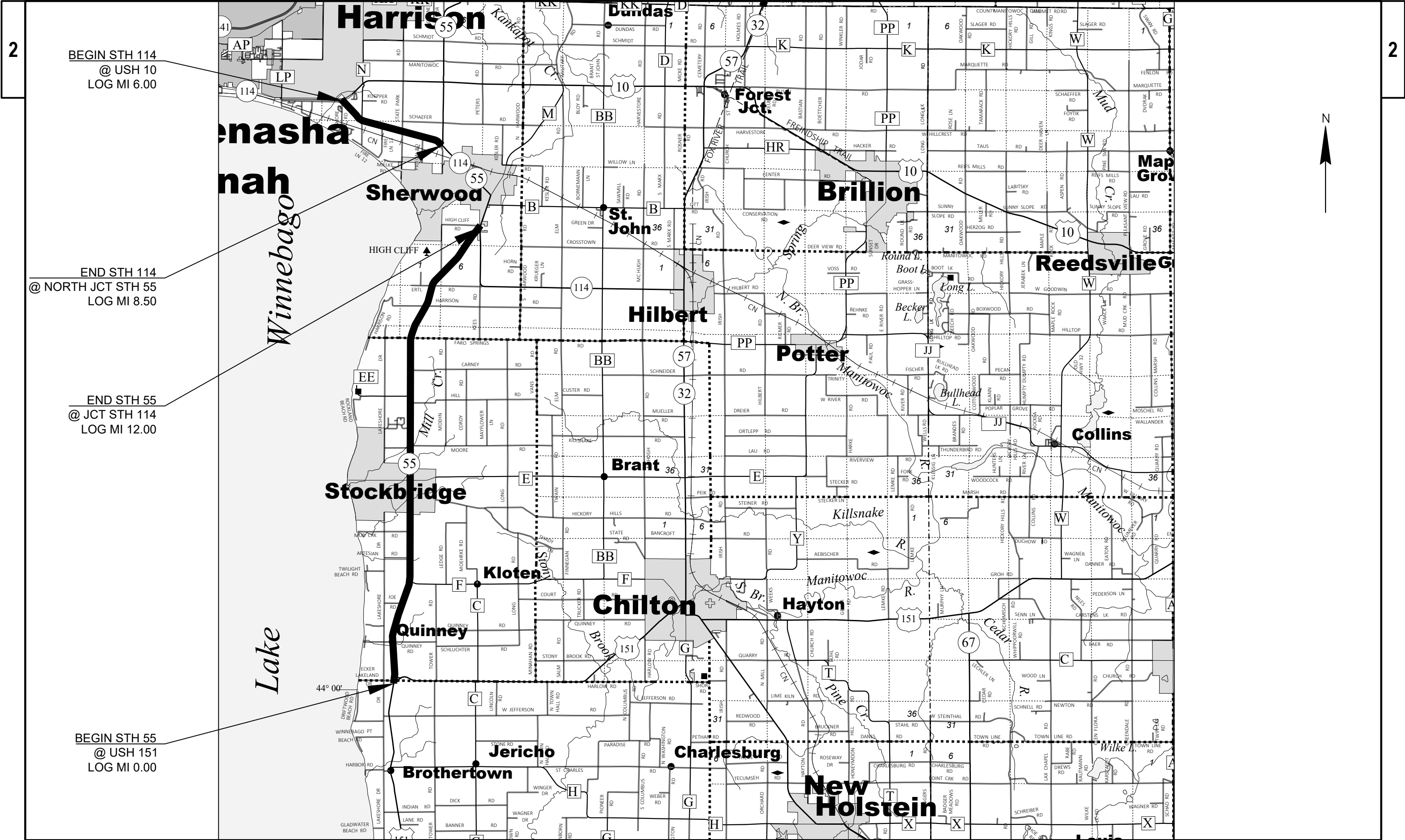


SIGN
"ROADWAY MARKING"
* VEHICLE CONVOY
WET ** LINE

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

SIGN
"WET PAINT/EPOXY"
FREQUENT STOPS

DIVIDED ROADWAYS
(ALL SIGNS AND ARROW BOARDS FACING REAR)



BEGIN STH 114
@ USH 10
LOG MI 6.00

END STH 114
@ NORTH JCT STH 55
LOG MI 8.50

END STH 55
@ JCT STH 114
LOG MI 12.00

BEGIN STH 55
@ USH 151
LOG MI 0.00

PROJECT NO: 1009-34-37

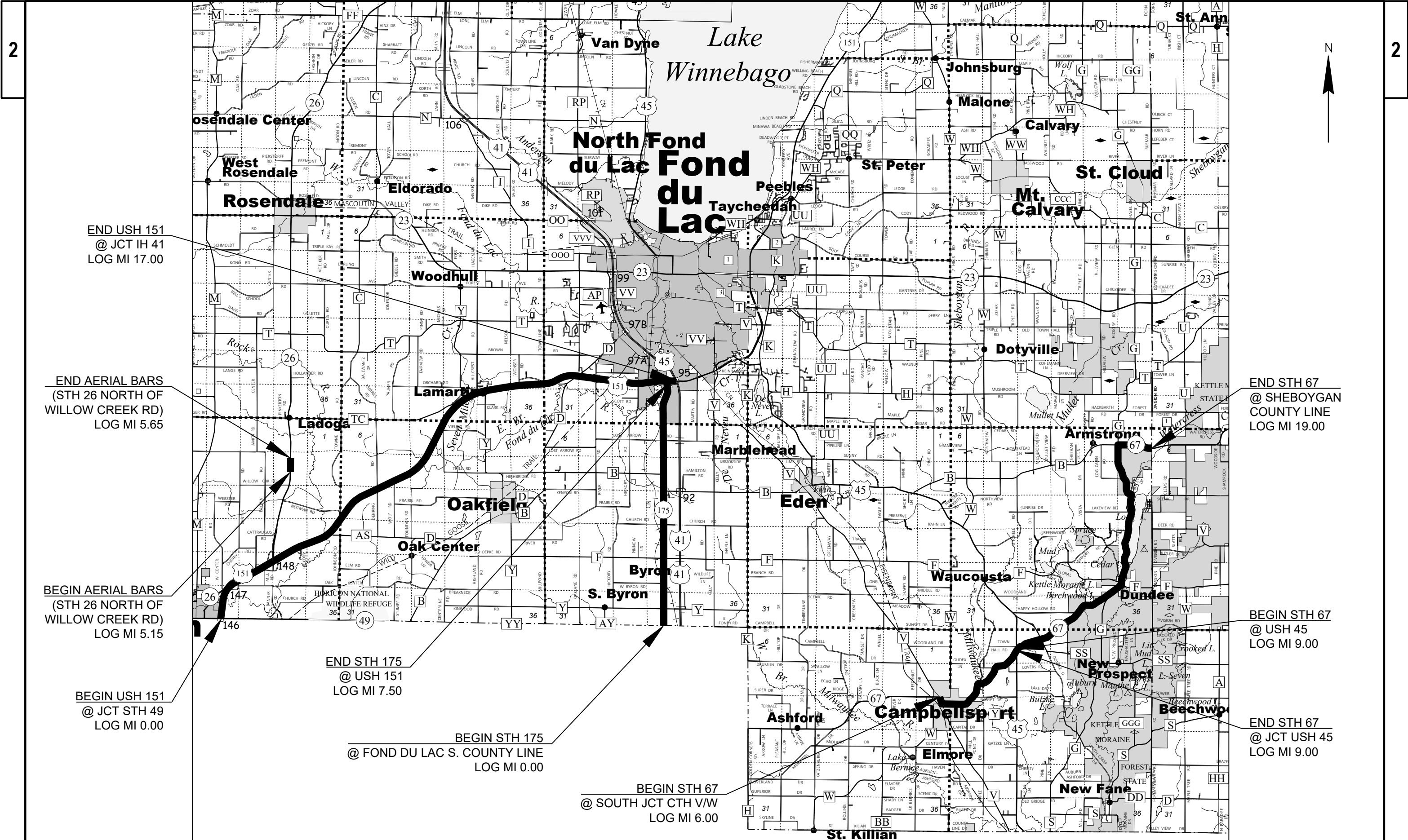
HWY: VARIES

COUNTY: VARIES

PAVEMENT MARKING LOCATION MAP

SHEET

E



END USH 151
@ JCT IH 41
LOG MI 17.00

END AERIAL BARS
(STH 26 NORTH OF
WILLOW CREEK RD)
LOG MI 5.65

BEGIN AERIAL BARS
(STH 26 NORTH OF
WILLOW CREEK RD)
LOG MI 5.15

BEGIN USH 151
@ JCT STH 49
LOG MI 0.00

END STH 175
@ USH 151
LOG MI 7.50

BEGIN STH 175
@ FOND DU LAC S. COUNTY LINE
LOG MI 0.00

BEGIN STH 67
@ SOUTH JCT CTH VW
LOG MI 6.00

END STH 67
@ SHEBOYGAN
COUNTY LINE
LOG MI 19.00

BEGIN STH 67
@ USH 45
LOG MI 9.00

END STH 67
@ JCT USH 45
LOG MI 9.00



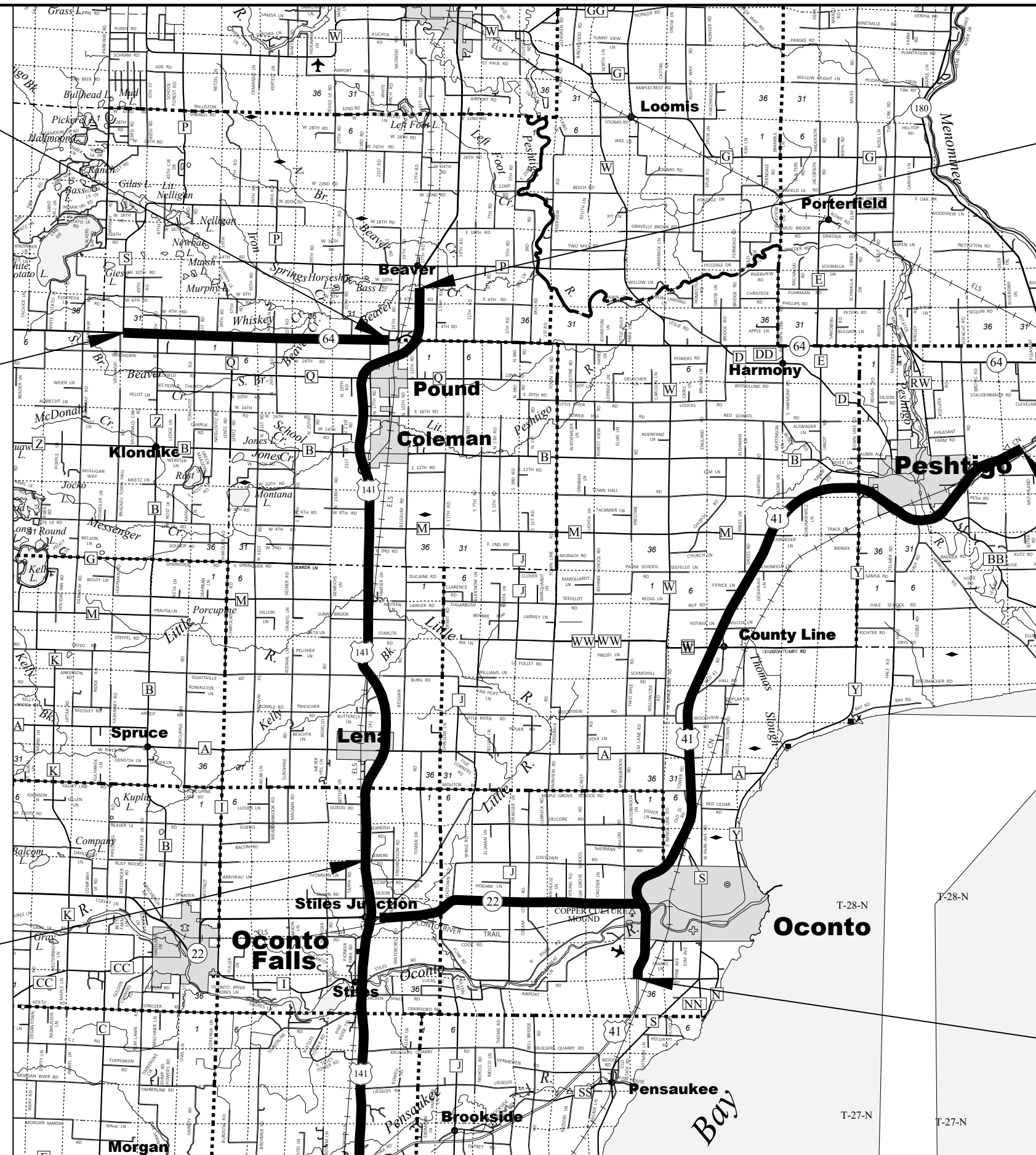


END STH 32
@ JCT STH 67
LOG MI 32.00

STH 32/57 @ STH 67
KIEL (ROUND A BOUT)

BEGIN STH 32
@ JCT STH 57
LOG MI 28.50

BEGIN USH 41
@ FROG POND RD
LOG MI 108.20





END STH 32
@ CENTRAL RD
LOG MI 123.00

BEGIN STH 32
@ TRINITY CHURCH RD
LOG MI 113.20

END STH 32
@ TRINITY CHURCH RD
LOG MI 113.20

BEGIN STH 32
@ STH 22
LOG MI 106.20

END STH 22
@ FINNEGAN LAKE RD
LOG MI 4.50

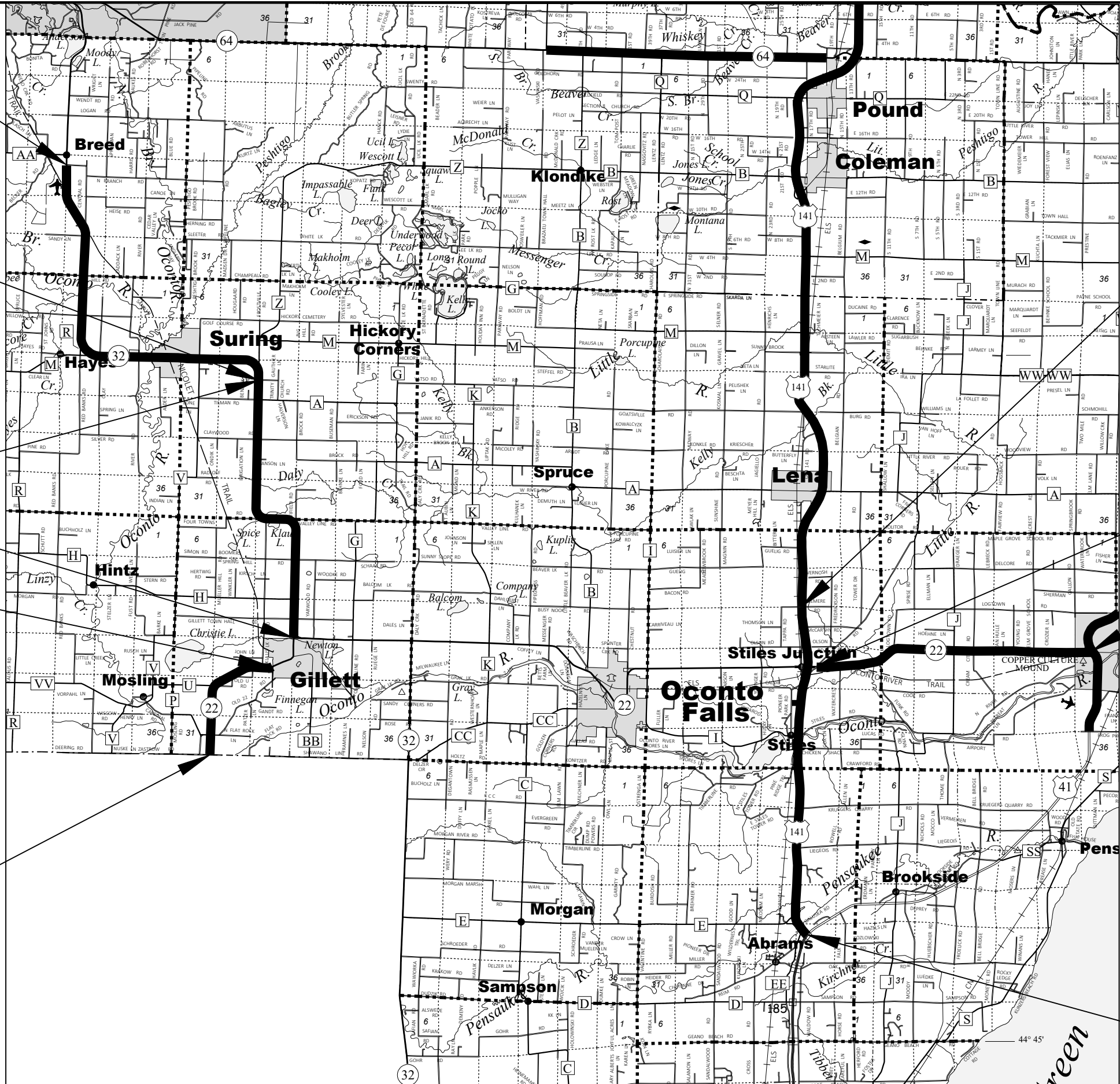
END USH 141
@ LEMERE RD
LOG MI 20.60

BEGIN STH 22
@ MILITARY RD
LOG MI 18.50

END STH 22
@ JCT USH 41
LOG MI 25.75

BEGIN STH 22
@ OCONTO S. COUNTY LINE
LOG MI 0.00

BEGIN USH 141
@ JCT USH 41
LOG MI 12.00



PROJECT NO: 1009-34-37

HWY: VARIES

COUNTY: VARIES

PAVEMENT MARKING LOCATION MAP

SHEET

E

END STH 187
@ OUT/SHAWANO N. COUNTY LINE
LOG MI 10.50

BEGIN STH 187
@ JCT STH 54
LOG MI 0.00

END STH 47
@ STH 54
LOG MI 20.00

BEGIN STH 47
@ CTH JJ
LOG MI 8.20

END STH 125
@ LINWOOD AVE
LOG MI 2.00

END STH 96
@ STH 76
LOG MI 10.00

BEGIN STH 96
@ USH 45
LOG MI 0.00

BEGIN STH 125
@ IH 41 (WEST RAMPS)
LOG MI 0.00

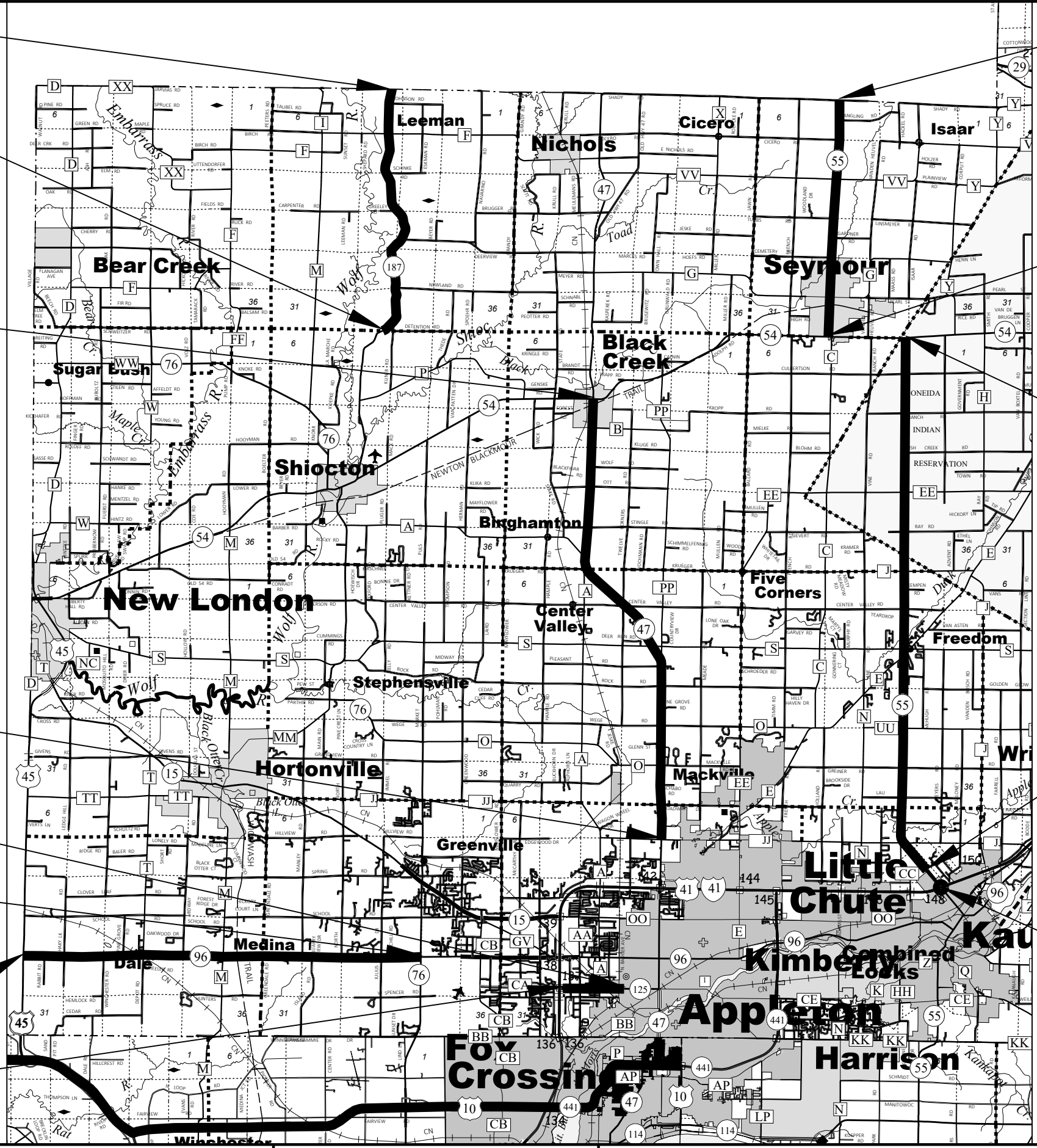
END STH 55
@ OUT/SHAWANO N. COUNTY LINE
LOG MI 42.75

BEGIN STH 55
@ JCT STH 54
LOG MI 36.75

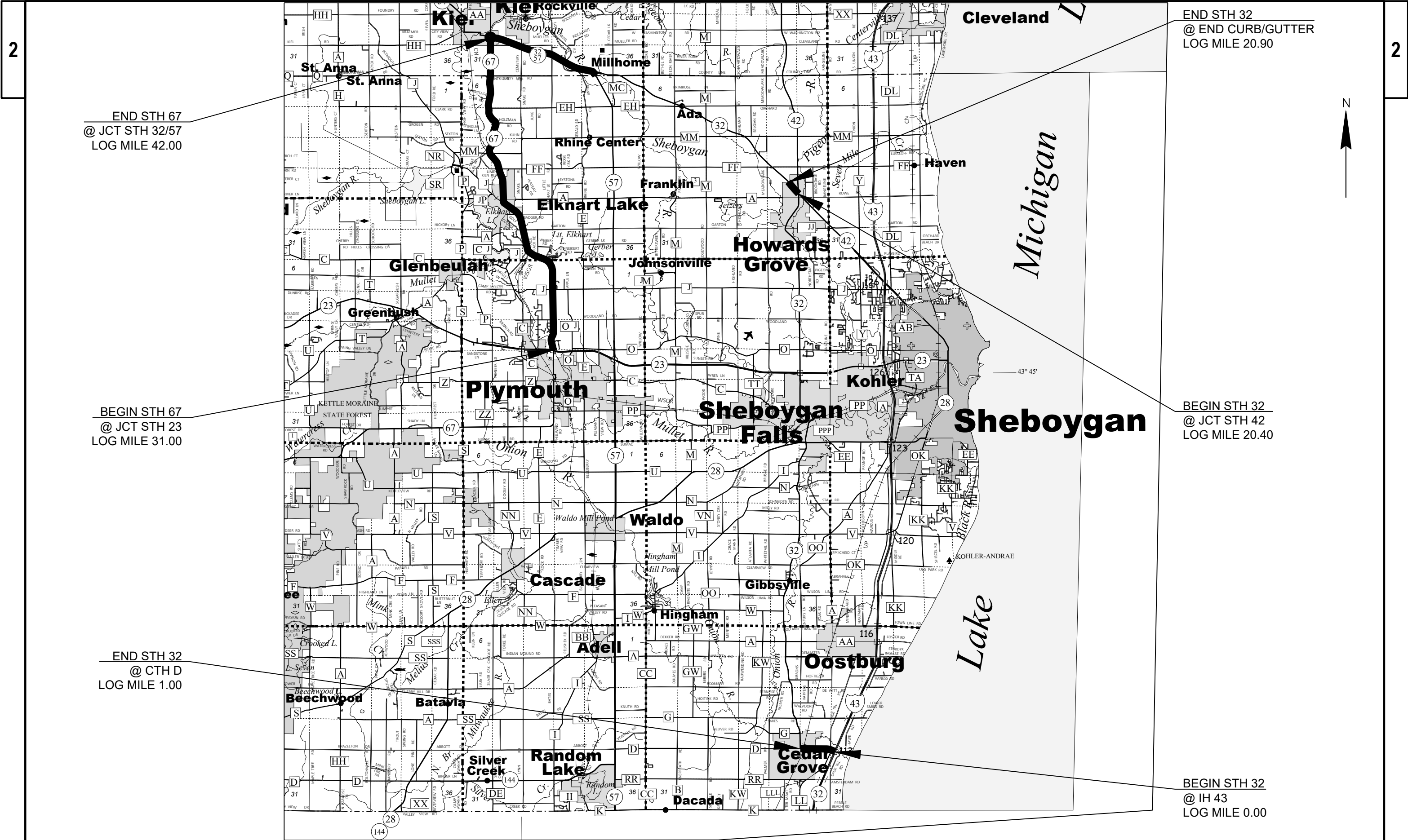
END STH 55
@ JCT STH 54
LOG MI 36.75

BEGIN STH 55
@ IH 41 (END DIVIDE NORTH OF IH 41)
LOG MI 23.00

STH 55 @ IH 41
(ROUND A BOUT)



PROJECT NO: 1009-34-37	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET	E
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END STH 67
@ JCT STH 32/57
LOG MILE 42.00

BEGIN STH 67
@ JCT STH 23
LOG MILE 31.00

END STH 32
@ CTH D
LOG MILE 1.00

END STH 32
@ END CURB/GUTTER
LOG MILE 20.90

BEGIN STH 32
@ JCT STH 42
LOG MILE 20.40

BEGIN STH 32
@ IH 43
LOG MILE 0.00



1

Estimate Of Quantities

1009-34-37

Line	Item	Item Description	Unit	Total	Qty
0002	619.1000	Mobilization	EACH	1.000	1.000
0004	646.2020	Marking Line Epoxy 6-Inch	LF	4,231,651.000	4,231,651.000
0006	646.4020	Marking Line Epoxy 10-Inch	LF	32,072.000	32,072.000
0008	646.5020	Marking Arrow Epoxy	EACH	289.000	289.000
0010	646.5120	Marking Word Epoxy	EACH	72.000	72.000
0012	646.5320	Marking Railroad Crossing Epoxy	EACH	16.000	16.000
0014	646.5420	Marking Aerial Enforcement Bar Epoxy	EACH	116.000	116.000
0016	646.6120	Marking Stop Line Epoxy 18-Inch	LF	1,045.000	1,045.000
0018	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	1,237.000	1,237.000
0020	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	600.000	600.000
0022	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	600.000	600.000
0024	SPV.0060	Special 01. Traffic Control	EACH	1.000	1.000

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH		646.4020	646.6120	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH LF	STOP LINE EPOXY 18-INCH LF	
STH 32		3.50					
From: Jct STH 57	28.50						Milhome
To: Jct STH 67	32.00						Kiel
NORTH BOUND			18,500	20,000			Edge Lines / Lane Lines / Two Way Turn lane Median / Center line
Gore at split STH 32 / 57					450		Gore at split STH 32 / 57 (STH 32 NB From Howards Grove)
Gore at split STH 32 / 57					165		Gore at split STH 32 / 57 (STH 57 NB From Sheboygan Falls)
Kiel					100		Median Lt Turn
Jct STH 32 / STH 57 / STH 67					225		Round A Bout Approach
SOUTH BOUND			18,500	20,000			Edge Lines / Lane Line
Gore at split STH 32 / 57					475	15	Gore at split STH 32 / 57 (STH 32 SB to Sheboygan Falls)
Gore at split STH 32 / 57					175		Gore at Jct 57 (STH 32 SB to Sheboygan Falls)
SUB-TOTALS			37,000	40,000	1,590	15	
TOTALS			77,000		1,590	15	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH		646.4020	646.5320	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH LF	EPOXY RAILROAD CROSSING LF	
STH 32		1.00					
From: IH 43	0.00						IH 43 East Ramps
To: CTH D	1.00						Cedar Grove
NORTH BOUND			4,650	6,000			Edge Line / Center Line
CTH LL / I 43 Overpass				950			Ylw Median Edge Line
IH 43 South Bound					170		Left Turn
CTH LL					170		Left Turn
Rail Crossing						1	Rail Crossing Cedar Grove
SOUTH BOUND			4,000				Edge Line
Rail Crossing						1	Rail Crossing Cedar Grove
CTH LL / I 43 Overpass				950			Ylw Median Edge Line
IH 43					275		Rt Turn I 43 South Bound
IH 43					250		Lt turn I 43 North Bound
SUB-TOTALS			8,650	7,900	865	2	
TOTALS			16,550		865	2	

PAVEMENT MARKING SUMMARY

			646.2020	
			EPOXY 6-INCH	
			SOLID	
			WHITE	
			LF	
LOCATION	LOG MILE	MILE		REMARKS
STH 32		0.50		
From: Jct STH 42	20.40			Howards Grove
To: End Curb / Gutter	20.90			End Curb / Gutter
North Bound			2,700	Edge Line
South Bound			2,600	Edge Line
TOTAL			5,300	

PAVEMENT MARKING SUMMARY

			646.2020	
			EPOXY 6-INCH	
			SOLID	
			YELLOW	
			LF	
LOCATION	LOG MILE	MILE		REMARKS
STH 32		7.0		
From: STH 22	106.20			Gillett
To: Trinity Church Road	113.20			Trinity Church Road
North Bound			46,100	Centerline
TOTAL			46,100	

PAVEMENT MARKING SUMMARY

			646.2020	
			EPOXY 6-INCH	
			SOLID	
			YELLOW	
			LF	
LOCATION	LOG MILE	MILE		REMARKS
STH 32		10.0		
From: Trinity Church Road	113.20			Suring
To: Central Rd	123.00			Breed (Central Rd)
North Bound			48,000	Center Line
TOTAL			48,000	

PAVEMENT MARKING

			646.2020 EPOXY 6-INCH SOLID YELLOW LF	
LOCATION	LOG MILE	Mile		REMARKS
STH 32 / 57		7		
From: Brown South County Line	58.60			Brown / Calumet County Line
To: Deuster St (Green Leaf)	65.30			Deuster St
North Bound			24,000	Center line
TOTAL			24,000	

PAVEMENT MARKING SUMMARY

			646.2020 EPOXY 6-INCH SOLID YELLOW LF	
LOCATION	LOG MILE	MILE		REMARKS
STH 22		7		
From: Military Rd	18.50			Pvmt Change 500 L.F. North of Military Rd
To: Oconto	25.75			Jct USH 41
North Bound			28,500	Centerline
TOTAL			28,500	

PAVEMENT MARKING SUMMARY

			646.2020 EPOXY 6 -INCH SOLID YELLOW LF	
LOCATION	LOG MILE	MILE		REMARKS
STH 22		4.50		
From: SCL	0.00			Oconto / Shawano County Line
To: Gillett	4.50			Finnegan Lake Rd
North Bound			26,000	Center Line
TOTAL			26,000	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH			646.4020 EPOXY 10-INCH LF	646.5020 ARROWS EPOXY		646.5120 WORDS EPOXY ONLY EACH	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF		TYPE 2 EACH	TYPE 3 EACH			
USH 41		4.50									
From: CTH M	85.60										Pvmt change 1/4 Mile North of CTH M / Lineville on ramp
To: CTH B	89.00										Pvmt change 1 Mile North of CTH B on ramp
NORTH BOUND			16,500		18,500						Main Line Rt / Lt Edge Lines
CTH B Exit Ramp			1,825	50	1,050	150	4	2	2	30	Ramp Edge Lines / Arrows / Only / Dual Turn Lane to CTH B / Stop Bar / Island Gore
CTH B Entrance Ramp			1,900		1,200						Ramp Edge Lines
On CTH B Between Ramps			1,400		1,470	585				75	Turn Lanes / Rt / Lt Edge Lines
SOUTH BOUND			18,500		20,500						Main Line Rt / Lt Edge Lines
CTH B Exit Ramp			1,400		900	145				15	Exit 176 / Ramp Edge Lines / Stop Bar / Island Gore
CTH B Entrance Ramp			1,120		700						Ramp Edge Lines
SUB-TOTALS			42,645	50	44,320	880	4	2	2	120	
TOTALS				87,015		880		6	2	120	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH				REMARKS
			SOLID WHITE LF	DASHED WHITE LF	DASHED YELLOW LF	SOLID YELLOW LF	
USH 10		16					
From: Winnebago / Waupaca	0.00						Winn / Waupaca County Line
To: CTH CB	16.00						CTH CB
EAST BOUND			78,000			82,000	Rt , Lt Edgelines
USH 45 NB Exit			3,445	50		3,235	Exit USH 45 North / New London Ramp Edgelines
USH 45 SB On Ramp			5,725			4,600	Entry from USH 45 SB to USH 10 East
USH 45 SB Exit Ramp			2,730	50		2,075	Exit 276 USH 45 South / Oshkosh Ramp edgelines
STH 76 Exit Ramp			1,365			800	Exit Gore / Ramp Edge Lines
STH 76 On Ramp			2,210			850	Enter Gore / On Ramp Edge Lines
CTH CB Exit			1,335			825	Exit Ramp Edge Lines
CTH CB On			1,485	325		760	On Ramp Edge Lines / Lane Line
WEST BOUND			78,000			83,300	Rt , Lt Edgelines
CTH CB Exit			1,365			800	Exit Ramp Edge Lines
CTH CB On			2,250			845	On Ramp Edge Line
STH 76 Exit Ramp			1,365			800	Exit Ramp Edge Lines
STH 76 On Ramp			2,250			820	On Ramp Edge Line
USH 45 SB Exit 276					45		Ylw dash / Exit Gore USH 45 South / Oshkosh
USH 45 SB Exit 276			3,560			1,980	Exit Ramp USH 45 South / Oshkosh Ramp edgelines
USH 45 NB Exit 273			2,635			1,900	Exit USH 45 North / New London Ramp edgelines
USH 45 NB Exit 273				50			Exit Gore USH 45 North (New London)
Entry Ramp from USH 45			3,000			1,425	Entry from USH 45 SB to USH 10 West
SUB-TOTALS			190,720	475	45	187,015	
TOTALS						378,255	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH			646.4020 EPOXY 10-INCH WHITE LF	646.5020 EPOXY ARROWS EACH	646.5120 EPOXY WORDS (ONLY) EACH	646.6120 STOP LINE EPOXY 18-INCH EACH	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF					
USH 10		5								
From: CTH CB	16.00									CTH CB West Ramps
To: STH 441 North Bound	21.00									Jct STH 441 North Bound
EAST BOUND			25,000		20,000					Right , Left Edge Lines
Exit 287 A/ IH 41 North Green Bay			6,345		4,925					Right , Left Edge Lines
Exit 287 B / IH 41 South Milwaukee			5,025		1,425					Right , Left Edge Lines
CTH P Racine St Exit 289A			1,225		930					Right , Left Edge Lines / Ramp Gore / Rail Road Markings
CTH P Racine St On Ramp			1,875		900					Right , Left Edge Lines
CTH AP / Midway Rd Exit 289B			1,325		1,050					Right , Left Edge Lines / Ramp Gore / Arrows
CTH AP / Midway Rd On Ramp			1,475		915					Right , Left Edge Lines
STH 47 Exit 290			1,050		600		6	2		Lane line / Type 2 = 2 each / Type 2 R = 2 each / Only = 2 each / Type 3 = 2 each
STH 47 On Ramp			1,550		1,050					Right , Left Edge Lines
USH 10 East Exit 291			1,300		980	150	12		60	Type 2= 12 each
WEST BOUND			25,000		20,000					Right , Left Edge Lines
USH 10 West on ramp			2,170	500	750					Right , Left Edge Lines / Lane Line
STH 47 Exit 290			1,220	250	765					Right , Left Edge Lines / Lane Line
CTH AP / Midway Rd Exit 289B			1,220		1,300	235	2			Right , Left Edge Lines / Type 2 / lane divide
CTH P Racine St Exit 289A			1,450		1,150					Right , Left Edge Lines
IH 41 North Green Bay Exit 287 A			2,575		2,125					IH 41 North Bound to Green Bay
IH 41 South Milwaukee Exit 287 B			2,700		3,550					IH 41 South Bound to Milwaukee
CTH CB Exit 287			1,200		800					Right , Left Edge Lines
SUB-TOTALS			83,705	750	63,215	385	20	2	60	
TOTALS				147,670		385	20	2	60	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH			646.5320 RAILROAD CROSSING EPOXY Each	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF			
USH 141		16.50						
From: Lemere Rd	20.48							Begin Lemere Rd
To: Beaver	36.90							End @ Divided South of CTH P
NORTH BOUND			80,500		89,850			Main Line Edgelines
CTH A			1,850	50	1,410			Exit Mini-dash / Ramp Edgelines
CTH A							40	Stop Bar Top of Exit Ramp NB
CTH A			2,470		1,065			Enter Ramp Edgelines
Rail Crossing						2		R x R (Two Lane) Kottzk Rd
Bus 141 / CTH B / CTH CP			2,000	50	1,465			Exit Mini-dash / Ramp Edgelines
Bus 141 / CTH B / CTH CP			2,150		1,000			Enter Ramp Edgelines
Rail Crossing						2		R X R (Two Lane) CTH CP Over Pass
Bus 141 / STH 64			1,775		800			Exit Mini-dash / Ramp Edgelines
Bus 141 / STH 64			2,200		900			Enter Ramp Edgelines
SOUTH BOUND			80,000		90,350			Main Line Edgelines
STH 64 / Bus 141			2,110		875			Exit Ramp Edgelines
STH 64 / Bus 141			2,100		865			Enter Ramp Edgelines
Rail Crossing						2		R X R (Two Lane) North of STH 64 On ramp
Bus 141 / CTH B / CTH CP			1,980	50	1,460			Exit Mini-dash / Ramp Edgelines
Bus 141 / CTH B / CTH CP			2,425		975			Enter Ramp Edgelines
Rail Crossing						2		R x R (Two Lane)
CTH A (Lena)			1,800	50	1,260			Exit Mini-dash / Ramp Edgelines
CTH A							40	Stop Bar Top of Exit Ramp SB
CTH A			2,580		1,145			Ramp Edgelines
SUB-TOTALS			185,940	200	193,420	8	80	
TOTALS				379,560		8	80	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH		REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	
USH 141		8.60			
From: Jct USH 41	12.00				Const joint 950' N. of Oak Orchard
To: Lemere Rd	20.60				Lemere Rd
NORTH BOUND			42,800	43,000	Main Line Rt , Lt Edgelines
CTH E J-Turn Edge Lines			70	125	J-Turn
STH 22 Exit Ramp			1,675	1,250	Ramp Rt , Lt Edgelines
STH 22 On Ramp			2,135	1,030	Ramp Rt , Lt Edgelines
SOUTH BOUND			42,800	43,000	Main Line Rt , Lt Edgelines
STH 22 Exit Ramp			1,675	1,245	Ramp Rt , Lt Edgelines
STH 22 On Ramp			2,300	1,100	Ramp Rt , Lt Edgelines
CTH E J-Turn Edge Line			325		CTH E J-Turn Edge Line in turn out
Exit USH 41 North			1,920	3,460	Exit Gore / Ramp Rt , Lt Edgelines
SUB-TOTALS			95,700	94,210	
TOTALS				189,910	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH			646.4020 10-INCH EPOXY LF	646.5020 ARROWS (TYPE 2) EPOXY EACH	646.5120 WORDS (ONLY) EPOXY EACH	646.5320 RAILROAD CROSSING EPOXY EACH	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF					
STH 96		10								
From: USH 45	0.00									Jct USH 45
To: STH 76	10.00									Cleary Court
EAST BOUND			50,750		54,500					Edge Line / Center Line
Rail Road									1	Dale Rail Crossing
Industrial Drive						100				Rt Turn
Midway Rd				90						Bypass Lane
Greendale Ave						100				Rt Turn
Brookview Dr						100				
Manley Rd				100						Bypass Lane
Island Rd						100				Rt Turn
North Rd						100				Rt Turn
Fox Springs				90						Bypass Lane
Julius Dr						100				Rt Turn
STH 76						360	2	1		Arrows / Words / Painted Island Median
WEST BOUND			44,350							Edge Line
Cleary Court						100				Rt Turn
Julius Dr						235				Rt Turn
Fox Springs						100				Rt Turn
Lakeview Lane						160				Rt Turn
Sprng Valley Dr				50						Edge Line Extension
North Rd						100				Rt Turn
Manley Rd						100				Rt Turn
Midway Rd						100				Rt Turn
Rail Road									1	Dale Rail Crossing
SUB-TOTALS			95,100	330	54,500	1,855	2	1	2	
TOTALS				149,930		1,855	2	1	2	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH SOLID YELLOW LF	REMARKS
STH 76		4.00		
From: IH 41	4.00			STH 76 End Divided
To: CTH JJ	8.00			CTH JJ Round A Bout
North Bound			17,500	Center line
TOTAL			17,500	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH SOLID YELLOW LF	REMARKS
STH 29		12.00		
From: Brown / Kew Co Line	24.35			Brown / Kew Co Line
To: Kewaunee	36.08			CTH C
East Bound			54,000	Center Line
TOTAL			54,000	

PAVEMENT MARKING														
LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	646.4020 EPOXY 10-INCH LF	646.5020 ARROWS EPOXY TYPE 2 EACH	EPOXY TYPE 3 EACH	TYPE 2R EACH	646.5120 WORDS EPOXY (ONLY) EACH	646.5420 AERIAL ENFORCEMENT BAR EPOXY 24-INCH EACH	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS	
IH 41		17.00												
From: STH 26	24.10												Pavement Change 1/2 mile South of STH 26	
To: Breezewood Lane	41.15												Neenah @ Breezewood Lane	
NORTH BOUND			79,000		90,100								Mainline Edge Lines	
STH 26 Exit Ramp			1,960		1,200								Ramp Edge Lines	
STH 26 On Ramp			2,000		625								Ramp Edge Lines	
STH 44 Exit Ramp			1,680	30	1,000	515	1	1					Ramp Edge Lines / Dual turn to STH 44 SB / Special Marking	
STH 44 On Ramp			1,680	75	475								Ramp Edge Lines / Lane Line Dashes	
9th Ave Exit			1,200		560		4		2	2			Ramp Edge Lines / Special Marking	
9th Ave On Ramp			1,925	115	560								Ramp Edge Lines / Dashes	
STH 21 Exit Ramp			1,660	40	510		5		3	8			Ramp Edge Lines / Dashes / Special Marking	
STH 21 On Ramp			2,370		1,300								Ramp Edge Lines	
USH 45 / USH 10 Exit			2,500		865								Ramp Edge Lines	
USH 45S / USH 10W			3,870		4,400								Ramp Edge Lines	
USH 45 / USH 10 On Ramp			2,400		1,150								Ramp Edge Lines	
STH 76 Exit Ramp			1,350	100	800	820	4	3		4		35	Ramp Edge lines / Crash Invest/ Dual Turn to 76N	
STH 76 On Ramp			2,835		1,525								Ramp Edge Lines	
Breezewood Lane Exit Ramp			1,900		800		5		3	5			Ramp Edge Lines / Special Marking	
Breezewood Lane On Ramp			2,600		800								Ramp Edge Lines	
Aerial Enforcement Bars													Aerial / Vascar Enforcement Bars	
STH 26											4		STH 26 Northeast On Ramp 2 sets	
STH 44											4		STH 44 Northeast On Ramp 2 sets	
9th Ave											4		9th Ave Northeast On Ramp 2 sets	
STH 21											4		STH 21 Northeast On Ramp 2 sets	
Snell Road											10		Begin 1,000 L.F. North of Snell Road overpass 5 Sets	
Breezewood Lane											4		Breezewood Lane Northeast On Ramp 2 sets	
SOUTH BOUND			87,200		89,725								Mainline Edge Lines	
Breezewood Lane Exit Ramp			1,635		750		5		3	5			Ramp Edge Lines	
Breezewood Lane On Ramp			2,725		1,450								Ramp Edge Lines / Special Marking	
STH 76 Exit Ramp			1,985	30	835		6	3		6			Ramp Edge Lines / Special Marking / Dual Turn to 76S	
STH 76 On Ramp			2,500		1,150								Ramp Edge Lines	
USH 45 Exit			1,970		970		4		2	3			Ramp Edge Lines / Special Marking	
USH 45 On Ramp			4,175		1,535								Ramp Edge Lines	
STH 21 Exit Ramp			1,375		845		6		2	4			Ramp Edge Lines / Special Marking	
STH 21 On Ramp			2,300	100	800								Ramp Edge Lines / Dashes	
9th Ave Exit			600		485								Ramp Edge Lines	
9th Ave On Ramp			2,435		900								Ramp Edge Lines	
STH 44 Exit Ramp			2,000	140	1,065								Ramp Edge Lines	
STH 44 On Ramp			2,425		900								Ramp Edge Lines	
STH 26 Exit Ramp			2,325	150	1,545	225							Ramp Edge Lines / Turn Lanes	
STH 26 On Ramp			1,660		660								Ramp Edge Lines	
Aerial Enforcement Bars													Aerial / Vascar Enforcement Bars	
Breezewood Lane											4		Breezewood Lane Southeast On Ramp 2 sets	
CTH GG											10		Begin 1/2 mile North of CTH GG Overpass	
USH 45											10		Begin 1 mile North of USH 45 5 Sets	
STH 21											4		STH 21 Southeast On Ramp 2 sets	
9th Ave											4		9th Ave Southeast On Ramp 2 sets	
STH 44											4		STH 44 Southeast On Ramp 2 sets	
SUB-TOTALS			228,240	780	210,285	1,045	40	7	7	27	66	35		
TOTALS				439,305		1,045		54		27	66	35		
PROJECT NO:1009-34-37		HWY: VARIOUS			COUNTY: VARIOUS			MISCELLANEOUS QUANTITIES				SHEET:		E

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH		646.4020	646.6120	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH SOLID WHITE LF	STOP LINE EPOXY 18-INCH LF	
STH 55		12.00					
From: Jct USH 151	0.00						wayside
To: STH 114	12.00						South Jct STH 114 Sherwood
NORTH BOUND				61,275			Center Line
Stockbridge			4,600				Edge Line thru Stockbridge
Hickory Hill						35	Stock Bridge @ Hickory Hill
CTH E						50	Stockbridge East / West Jct CTH E
Jct STH 114					220	40	Stop Bars/ Island Gores
SOUTH BOUND							
stockbridge			4,600				Edge Line thru stockbridge
North Jct STH 55/USH 151					250	15	
SUB-TOTALS			9,200	61,275	470	140	
TOTALS			70,475		470	140	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020	REMARKS
			6-INCH SOLID YELLOW LF	
STH 55		6.00		
From:Seymour	36.75			Jct STH 54
To: Outagamie Co Line	42.75			Outagamie / Shawano County Line
North Bound			17,100	Centerline
TOTAL			17,100	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020	REMARKS
			EPOXY 6-INCH YELLOW LF	
STH 55		14.00		
From: IH 41	23.00			Kaukauna at End Divided
To: STH 54	36.75			Jct STH 54 / 55
North Bound			32,850	Center Line
TOTAL			32,850	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH		646.4020	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	EPOXY 10-INCH SOLID WHITE LF	
STH 54		0.50				
From: STH 57 North Bound	43.60					West Ramps Jct STH 54 / 57
To: East of Maloney	44.10					Pvmt Change 770 L.F. East of E. of Maloney
EAST BOUND						
West ramps to Pvmt change			2,000	200		Turns / Lane Line / Edge Line To East of Maloney
STH 57 North Bound					125	Left Turn to STH 57 North Bound
On Ramp from STH 57 North Bound					300	Entry Gore / Lane divide
Maloney Rd					400	Rt / Lt Turns Maloney Rd
WEST BOUND						
Maloney Rd					330	Rt / Lt Turns Maloney Rd
STH 54 W / STH 57 South			2,000		100	Edge Line East of Maloney to West Ramps / Rt , Lt Turns
SUB-TOTALS			4,000	200	1,255	
TOTALS			4,200		1,255	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH		646.6120	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	STOP LINE EPOXY 18-INCH LF	
STH 187		10.50				
From: STH 54	0.00					Shiocton
To: Outagamie / Shawano Line	10.50					Leeman
North Bound			55,250	80,000		Center Line / Edge Line. Apply over grooved epoxy
South Bound			55,250			Edge Line Apply over grooved epoxy
Jct STH 54					20	Shiocton
SUB-TOTALS			110,500	80,000	20	
TOTALS			190,500		20	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH			646.4020 10-INCH EPOXY WHITE LF	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF			
IH 41		14.00						
From: CTH F	71.90							Pvmt change 1/4 mi South of Scheuring Rd
To: CTH M	85.60							Pvmt change 1/4 mi North of CTH M / Lineville on ramp
NORTH BOUND			61,650	500	72,300	250		Rt / Lt Edge Lines (Main line) Lane lines, Gores on bridge deck overlays various locations
(Exit 161) CTH F / Scheuring Rd			2,550		1,075			(Exit 161) Rt / Lt Ramp Edge Line
Enter CTH F / Scheuring Rd			800		150			Rt / Lt Ramp Edge Line
(Exit 163 A) CTH G / Main Ave			1,300		825			(Exit 163 A) Rt / Lt Ramp Edge Line
Enter Ramp CTH G / Main Ave			1,400		950			Rt / Lt Ramp Edge Line
(Exit 164 A) To Oneida St / Waube Ln			1,275		1,280			Rt / Lt Ramp Edge Line
Oneida St Dual Turn						20		Dual Turn from Oneida St NB to US 41 NB
Oneida St Dual Turn						10		Dual Turn from Oneida St SB to US 41 NB
On Ramp from Oneida St / Waube Ln			1,460		450			Rt / Lt Ramp Edge Line
(Connector / Distributor) Exit Oneida to STH 172			1,785		4,515		15	Connector / Distributor Exit Oneida to Exit STH 172 / Stop bar bottom of ramp
(Exit 164 B) STH 172			1,785		4,840			Rt / Lt Ramp Edge Line
To North 41 (from Oneida / STH 172 Connector / Distributor)			1,355		1,295			Connector / Distributor from Oneida / STH 172 to 41 North
Exit Ramp to A. Straubel Airport / STH 172 West			1,200		2,200			Ramp to A. Straubel Airport / West 172
Exit Ramp to IH 43 / STH 172 East			1,900		900			Ramp to To IH 43 / East 172 Rt / Lt Edgelines
(Exit 167) CTH VK / Lombardi Ave			1,325		1,180	125	45	Rt / Lt Ramp Edge Lines / Stop bars / 10 inch dual turn to East Bound Lombardi
Enter Lombardi Ave			2,000		1,200			Rt / Lt Ramp Edge Line
(Exit 168 A) Mason St			1,300		535			Rt / Lt Ramp Edge Line
Enter Mason St			1,750		500			Rt / Lt Ramp Edge Line
Connector / Distributor Edge lines			4,775		3,535			Connector / Distributor Mason to Shawano Ave
(Exit 168 B) 29 West /STH 32 North			4,000		4,200			From 41 North to STH 29 W / STH 32N (Exit 168 B)
(Exit 168 C) Shawano Ave Exit Ramp			1,050		450			Rt / Lt Ramp Edge Line Shawano Ave (Exit 168 C)
Shawano Ave On Ramp			3,200		1,000			Rt / Lt Ramp Edge Line
(Exit 170 A) Ramp Velp Ave			2,545		750			(Exit 170 A) Velp Ave Rt / Lt Ramp Edge Line
(Exit 170 B) Ramp to IH 43 SB			5,750		5,065			NB Exit to IH 43 SB / Velp Ave
On Ramp from Velp Ave			1,700		1,000			Rt / Lt Edge Line On Ramp from Velp Ave
(Exit 173) Lineville CTH M			1,460		950			Rt / Lt Ramp Edge Line Exit 173 Lineville
Lineville On Ramp			2,200		1,020			Rt / Lt Ramp Edge Line

Continued on next sheet

PAVEMENT MARKING CONTINUED

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH			646.4020 10-INCH	646.6120 STOP LINE	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY WHITE LF	EPOXY 18-INCH LF	
IH 41		14.00						
From: CTH F	71.90							Pvmt change 1/4 mi South of Scheuring Rd
To: CTH M	85.60							Pvmt change 1/4 mi North of CTH M/ Lineville on ramp
SOUTH BOUND			60,000	500	72,300	250		Rt/ Lt Edge Lines (Main line) Lane lines, Gores on bridge deck overlays various locations
(Exit 173) Lineville CTH M			2,400		985			Rt/ Lt Edge Line Exit 173 Lineville
Lineville On Ramp			1,265		975			Rt/ Lt Edge Line On Ramp from Lineville
(Exit 170 B) Ramp to IH 43 SB			2,550		5,225			(Exit 170 B) Ramp to IH 43 SB
(Exit 170 A) Velp Ave			3,000	450	2,500			(Exit 170 A) Velp Ave South USH 141 / Rt, Lt Edge Lines, Bridge deck lane line
Enter from Velp			1,250		875			Rt/ Lt Edge Line On Ramp from Velp Ave
STH 29 West / STH 32 North (Exit 168 B)			5,025		2,400			Rt/ Lt Edge Lines From 41 South to STH 29 W / 32N
STH 29 East Ramp Edge Lines (Exit 168 C)			1,780		2,385			41 South to 29E / Shawano Ave (Exit 168 C)
Enter from Shawano Ave (STH 29 East)			1,600		750			Enter Ramp Rt/ Lt Edge Lines From Shawano Ave
South 32/54 Mason St (Exit 168 A)			4,200		3,200			Rt/ Lt Edge Lines Connector / Distributor Shawano Ave to Mason
Exit Ramp To Mason St			1,070		725			Exit Ramp Edge Lines
Enter Ramp from Mason St			1,150		650			Ramp Edge Lines from Mason St
(Exit 167) Lombardi Ave CTH V K			1,910		1,235			(Exit 167) Lombardi Ave / CTH VK Exit Ramp Edge Lines
Lombardi Ave CTH V K (Dual Turn)						30		Dual Turn 41 SB to Lombardi East Bound
Lombardi West Bound to 41 South Bound						30	25	Stop Bar,dual turn at lights from Lombardi West Bound to 41 South Bound
Enter from Lombardi			1,225		965			Enter Ramp Edge Lines from Lombardi Ave
(Exit 164 B) Ramps STH 172 East / To IH 43 / STH 172 West Airport			4,750		4,000			(Exit 164 B) Rt/ Lt Edge lines Exit to East STH 172 / To 43 / Exit West STH 172
(Exit 164 A) Oneida / Waube La			1,120		920		60	(Exit 164 A) Exit Ramp Edge Lines / Stop Bar
Oneida St Dual Turn						25		Dual Turn from US 41 SB Exit 164 A to Oneida St NB
Oneida St Dual Turn						20		Dual Turn from Oneida St SB to US 41 SB
Enter from Oneida / Waube La			2,260		935			Rt/ Lt Ramp Edge Lines
(Exit 163 A) Main Ave CTH G			1,650		1,635			(Exit 163 A) Exit Ramp Edge Lines
Enter from Main Ave CTH G			1,000		865			Rt/ Lt Ramp Edge Lines
Connector / Distributor Ashland Ave / CTH G			3,250		4,650			Connector / Distributor Ashland Ave / CTH G
(Exit 161) CTH F / Scheuring Rd			1,800		1,115			Exit Ramp Rt/ Lt Edge Lines
Enter from CTH F / Scheuring Rd			1,725		600			Enter Ramp Rt/ Lt Edge Line
SUB-TOTALS			218,141	1,450	222,055	760	145	
TOTALS				441,646		760	145	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH		REMARKS
			DASHED WHITE LF	SOLID YELLOW LF	
USH 45		0.50			
From: West Packer Ave	45.35				West Packer Ave (Oshkosh)
To: Fernau	45.85				Fernau at Round A Bout
North Bound					
West Packer Ave to Fernau Ave			400	5,100	Center Line / Lane Line
South Bound					
Fernau Ave to West Packer Ave			400		Lane Line
SUB-TOTALS			800	5,100	
TOTALS			5,900		

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH YELLOW LF	REMARKS
STH 64		7.00		
From: CTH S	19.10			CTH S
To: CTH CP	26.10			CTH CP Begin Divided
East Bound			30,000	Centerline
TOTAL			30,000	

PAVEMENT MARKING

Location	LOG MILE	Mile	646.2020 EPOXY 6-INCH SOLID YELLOW LF	REMARKS
STH 47		12		
From: CTH JJ	8.00			
To: STH 54	20.00			
North Bound			59,000	Center Line
Painted Median CTH JJ			7,100	Painted Median North side of CTH JJ
CTH S			1,600	Painted Median South Side of CTH S
South Bound				
CTH S			1,600	Painted Median North Side of CTH S
TOTAL			69,300	

PAVEMENT MARKING

			646.2020 EPOXY 6-INCH SOLID YELLOW LF	
LOCATION	LOG MILE	MILE		REMARKS
STH 67		3		
From: South Jct V / W	6.00			Campbellsport
To: USH 45	9.00			Jct USH 45
North Bound			32,350	Center Line
TOTAL			32,350	

PAVEMENT MARKING SUMMARY

			646.2020 EPOXY 6-INCH SOLID YELLOW LF	
LOCATION	LOG MILE	MILE		REMARKS
STH 67		11.00		
From: Plymouth	31.00			Jct STH 23 (Wood Chuck Ln)
To: Kiel	42.00			Jct STH 32 / STH 57 (RAB)
North Bound			92,815	Center Line
TOTAL			92,815	

PAVEMENT MARKING

	646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	
LOCATION		REMARKS
STH 32		Green Leaf Brown County
STH 32 / 57 / 96 inside RAB	72	STH 32 / 57 / 96 Inside RAB
TOTAL	72	

PAVEMENT MARKING

			646.5420 AERIAL ENFORCEMENT EPOXY 24-INCH EACH	
LOCATION	LOG MILE	MILE		REMARKS
STH 26		1.00		
Willow Creek Rd	0.00			
North Of Willow Creek Rd	1.00		10	5 Sets North Of Willow Creek Rd
TOTAL			10	

PAVEMENT MARKING

			646.2020 EPOXY 6-INCH SOLID YELLOW LF	
LOCATION	LOG MILE	MILE		REMARKS
STH 67		10		
From: USH 45	9.00			Jct USH 45
To: Sheboygan Co Line	19.00			Fond Du Lac / Sheboygan Co Line
North Bound			93,650	Center Line
TOTAL			93,650	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH			646.4020 EPOXY 10-INCH LF	646.5420 AERIAL ENFORCEMENT EPOXY 24-INCH EACH	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF				
USH 41		21.00							
From: Frog Pond Rd	108.20								Oconto
To: Flame Rd	128.95								Marinette / Const Joint South of Flame Rd
NORTH BOUND			99,800	500	110,000				Rt / Lt Edge Lines (Main line) Lane line on bridge deck overlays various locations
Exit Business 41 (Exit 197)			3,950	115	4,100				Exit Dashes / Exit Ramp Edge Lines / Center line / Lane Line to Doran St
Exit Ramp STH 22 (Exit 198)			1,450	50	1,125				Exit Dashes / Exit Ramp Edge Lines
Enterance Ramp STH 22			3,850		1,125				Enterance Ramp Edge Lines
Enterance Ramp Business 41			4,400		2,470				Enterance Ramp Edge Lines (From Jct CTH S)
Aerial Enforcement Bars							10		5 Sets Aerial Enforcement / Begin South of CTH W
(Exit 212) USH 41 Business / CTH Y			1,520	50	1,100	100		20	Exit Dash / Ramp Edge Lines / Stop Bar / Island Gore top of Ramp
On CTH Y Overpass			1,000		750	1,000			Dual Turn Dashes from Exit Ramps / 10 Inch Turns 41 NB , 41 SB / Edge Lines
Enterance Business 41 / CTH Y			3,325		1,370				Enterance Ramp Edge Lines
(Exit 216) USH 41 Business / Peshtigo			1,635	50	1,120	75		15	Exit Dash / Exit Ramp Edge Lines / Stop Bar / Island Gore Bottom of Ramp
Enterance Peshtigo / Schacht Rd			3,265		1,435				Enterance Ramp Edge Lines
Wayside						100			Left Turn to Wayside
SOUTH BOUND			99,800	500	110,000				Rt / Lt Edge Lines (Main line) Lane line on bridge deck overlays various locations
(Exit 216) Peshtigo / Schacht Rd			2,280	50	1,760	75		15	Exit Dashes / Exit Ramp Edge Lines / Stop Bar / Island Gore Bottom of Ramp
Enterance From Peshtigo / Schacht Rd			3,400		1,700				Enterance Ramp Edge Lines
(Exit 212) CTH Y			1,520	50	845	75		20	Exit Dashes / Exit Ramp Edge Lines / Stop Bar / Island Gore Bottom of Ramp
Enterance CTH Y			3,280		1,365				Enterance Ramp Edge Lines
Aerial Enforcement Bars							10		5 Sets Aerial Enforcement / Begin North of CTH W
(Exit 200) Business 41 / CTH S			4,575	50	4,130	500			Exit Dashes / Exit Ramp Edge Lines / 10 Inch Lt Turn to CTH S
(Exit 198) STH 22 / CTH Y / Oconto			2,850	100	2,000				Exit Dashes / Exit Ramp Edge Lines
Enterance STH 22			3,065		1,065				Enterance Ramp Edge Lines
Enterance From Business 41			5,100		2,825				Enterance Ramp Edge Lines (From Doran St)
SUB-TOTALS			250,065	1,515	250,285	1,925	20	70	
TOTALS				501,865		1,925	20	70	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH SOLID YELLOW LF	REMARKS
STH 175		7.50		
From: Fond Du Lac South Co Line	0.00			Fond Du Lac / Dodge Co Line
To: Jct USH 151 South	7.50			Fond Du Lac / Jct South Bound USH 151 Ramp
North Bound			49,000	Center Line
TOTAL			49,000	

PAVEMENT MARKING											
LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH			646.4020	646.5020	646.5120	646.5420	646.6120	REMARKS
			SOLID WHITE	DASHED WHITE	SOLID YELLOW	EPOXY 10-INCH WHITE	ARROWS EPOXY TYPE 2	WORDS EPOXY ONLY	AERIAL ENFORCEMENT EPOXY 24-INCH EACH	STOP LINE EPOXY 18-INCH	
			LF	LF	LF	LF	EACH	EACH	EACH	LF	
USH 151		17.00									
From: STH 49	0.00										
To: USH 41	17.00										
NORTH BOUND			80,000		84,000						Main Line Edge Lines
STH 49 On Ramp			1,550		775						On Ramp Edge Lines
STH 26 North Bound Exit 148				45		680					Exit Gore / Mini-Dash @ exit
STH 26 North Bound			5,900		5,555						Exit Ramp Edgelines
STH 26 / Service Rd			2,935		1,525					40	Exit Ramp Edgelines / Stop Bar Bottom of Ramp
STH 26 / Service Rd			3,530		2,000						Entry Ramp Edgelines
Aerial Enforcement									10		5 Sets Between Hickory Dr and CTH AS
CTH D NB Exit Ramp			4,350	40	5,330						Exit Dash / Ramp Edgelines
CTH D SB Exit Ramp			1,775		1,350						Ramp Edgelines
CTH D On Ramp			3,910		2,635						Ramp Edgelines
Hickory St Exit Ramp			1,670	40	1,140					40	Exit Dash / Ramp Edgelines / Stop Bar Top of Ramp
Hickory St On Ramp			2,325		960						Ramp Edgelines
STH 175			1,500		1,820						Ramp Edgelines / Center Line
STH 175										75	Stop Bar Top / Bottom of Ramp
STH 175							1	1			Top of Ramp
Jct IH 41						275					Island Gore East Ramps IH 41
SOUTH BOUND			80,400		81,800						Main Line Edge Lines
To IH 41 South Bound						320					Left Turn
To IH 41 North Bound						450					Right Turn
STH 175			1,800		1,800						Ramp Edgelines / Center Line
STH 175										75	Stop Bar Top Of Ramp / Bottom Of Ramp
STH 175						165	1	1			Type 2 =1 / Only = 1 / turn lane @ Top of Ramp
Hickory St Exit Ramp			1,660	40	1,190					35	Exit Dash / Ramp Edgelines / Stop Bar Top of Ramp
Hickory St Overpass						1,055					Between ramps / on overpass for USH 151
Hickory St On Ramp			2,430		1,165						Ramp Edgelines
CTH D Overpass				400		745					Lane line / 10 inch turn lanes Between ramps on overpass for USH 151
CTH D Exit Ramp			1,460	50	975						Exit Dash / Ramp Edgelines
CTH D On Ramp			4,450		3,145						Ramp Edgelines
Aerial Enforcement									10		5 Sets Between Hazel and CTH AS
STH 26 Exit Ramp Exit 148			2,165	40	1,675	700				40	Exit Gore / Ramp Edgelines / lane divide at stop bar / Stop Bar
STH 26 On Ramp			3,620	160	1,215						Ramp Edgelines
STH 26 Business Exit Ramp			11,260	45	9,420						Includes ramp from Oak Center / Dead End Road
STH 26 Exit Ramp						2,625					STH 26 Interchange Ramp Gores & Dash / Ramp Edgelines
SUB - TOTALS			218,690	860	209,475	7,015	2	2	20	305	
TOTALS				429,025		7,015	2	2	20	305	

PAVEMENT MARKING

STH 125	LOG MILE	Mile	646.2020 EPOXY 6-INCH			646.4020 EPOXY 10-INCH LF	646.5320 RAILROAD CROSSING EPOXY EACH	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF				
From: IH 41	0.00	2.00							West Ramps IH 41
To: Linwood Ave	2.00								Linwood Ave
EAST BOUND			10,000	2,300	8,300				Edge Lines / Lane Line
IH 41						450			Lt Turn IH 41 North Bound
Kools St / North westhill Blvd						600			Rt / Lt Turn Lanes / Rt turn Dashes
Frontage Rd						100			Rt Turn
North / South Bluemound Dr						440			Rt Turn / Lt Turn
Frontage Rd						100			Rt Turn
North / South Lilas Dr						345			Rt Turn / Lt Turn
Frontage Rd						100			Rt Turn
North / South Lyndale Dr						510			Rt Turn / Lt Turn
Rail Crossing							2		Two Lanes / One Crossing Each Lane
North Perkins St / Frontage Rd						360			Rt Turn / Lt Turn
Linwood Ave						125		40	Lt Turn / Stop Bar @ Signal
WEST BOUND			10,000	2,300	8,300				Edge Lines / Lane Line
North Perkins St / Frontage Rd						360			Rt Turn / Lt Turn
Rail Crossing							2		Two Lanes / One Crossing Each Lane
North / South Lyndale Dr						610			Rt Turn / Lt Turn
North / South Lilas Dr						400			Rt / Lt Turn
Frontage Rd						100			Rt Turn
North / South Bluemound Dr						620			Rt / Lt Turn
Frontage Rd						100			Rt Turn
Kools St / North westhill Blvd						385			Rt / Lt Turn
IH 41						680		15	Lt Turn / Stop Bar @ Signal
IH 41						325			Rt Turn / On Ramp Island Gore
IH 41 South Bound						485			Lt Turn Lane IH 41 South Bound
SUB-TOTALS			20,000	4,600	16,600	7,195	4	55	
TOTALS				41,200		7,195	4	55	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH SOLID YELLOW LF	REMARKS
STH 114		2.50		
From: USH 10	6.00			East Jct USH 10 / STH 114
To: N Jct STH 55	8.50			N Jct STH 55 North Bound (Sherwood)
EAST BOUND			13,750	Center Line
TOTAL			13,750	

PAVEMENT MARKING

LOCATION	646.2020 EPOXY 6-INCH		646.4020 EPOXY 10-INCH	646.4020 EPOXY 10-INCH	646.5020 ARROWS EPOXY					646.5120 WORDS EPOXY	646.6320 DOTTED EXTENSION EPOXY	REMARKS
	SOLID YELLOW LF	DASHED WHITE LF	SOLID WHITE LF	DASHED WHITE LF	TYPE 1 EACH	TYPE 2 EACH	TYPE 2R EACH	TYPE 3 EACH	TYPE 3R	ONLY EACH	18-INCH LF	
IH 41 / STH 55												Kaukauna Outagamie County
IH 41 NB Exit 148 to STH 55						1			1	1		IH 41 NB Exit 148 RAMP
STH 55 RAB				220	3	1		3			106	Inside Round About
Between ramps North Bound	1020	150	425		1		2			1		Center Line / Arrows / Words / Lane Divide Marking
IH 41 SB Exit 148 to STH 55			200			1			1	1		IH 41 SB Exit 148 RAMP
STH 55 RAB			240		1	2		2			108	Inside Round About
Between ramps South Bound			175		1			1				Arrows / Words / Lane Divide Marking
SUB-TOTALS	1020	150	1040	220	6	5	2	6	2	3	214	
TOTALS	1170		1260		21					3	214	

PAVEMENT MARKING

LOCATION	646.4020 EPOXY 10-INCH	646.4020 EPOXY 10-INCH	646.5020 ARROWS EPOXY			646.6320 DOTTED EXTENSION EPOXY	REMARKS
	SOLID WHITE LF	DASHED WHITE LF	TYPE 1 EACH	TYPE 3 EACH	TYPE 3R EACH	18-INCH LF	
Kiel							Manitowoc County
STH 32 NB Approach to STH 32 / 57 / 67 RAB	220			2	2		STH 32 NB Approach to STH 32 / 57 / 67 RAB
STH 32 SB Approach to STH 32 / 57 / 67 RAB	125			1	1		STH 57 Approach to STH 32 / 57 / 67 RAB
STH 32 / 57 / 67 Inside RAB		200	2	4		82	STH 32 / 57 / 67 Inside RAB
SUB -TOTALS	345	200	2	7	3	82	
TOTALS	545		12			82	

PAVEMENT MARKING

LOCATION	646.4020 EPOXY 10-INCH	646.5020 ARROWS EPOXY				646.5120 WORDS EPOXY	646.6320 DOTTED EXTENSION EPOXY	REMARKS
	DASHED WHITE LF	TYPE 1 EACH	TYPE 2 EACH	TYPE 2R EACH	TYPE 3 EACH	ONLY EACH	18-INCH LF	
IH 41 NB / SB Breezewood Exit 129								Winnebago County
IH 41 North Bound Breezewood Exit Ramp			5	3		5		North Bound Exit Ramp (Exit 129)
Breezewood Lane RAB East Side of IH 41	690	5	2		2		92	RAB East Side of IH 41
IH 41 South Bound Breezewood Exit Ramp			5	3		5		South Bound Exit Ramp (Exit 129)
Breezewood Lane RAB West Side of IH 41	690	5	2		2		88	RAB West Side of IH 41
IH 41 / Breezewood Overpass		4		4	4	2		Breezewood Overpass between RAB'S
SUB-TOTALS	1,380	14	14	10	8	12	180	
TOTALS	1,380	46				12	180	

PAVEMENT MARKING

LOCATION	646.2020 EPOXY 6-INCH DASHED WHITE LF	646.4020 EPOXY 10-INCH SOLID WHITE LF DASHED WHITE LF		646.5020 ARROWS EPOXY TYPE 1 EACH TYPE 2 EACH TYPE 2R EACH TYPE 3 EACH				646.5120 WORDS EPOXY ONLY EACH	646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	REMARKS
IH 41 / CTH F Scheuring Rd Round A Bouts										Depere Brown County
IH 41 North Bound Exit Ramp		110			3	2		1		NB Exit 161 CTH F (Scheuring Rd)
IH 41 North Bound Exit RAB			110	1			3		70	East Side of IH 41
IH 41 CTH F Scheuring Rd Overpass East Bound	170	300		2			2			East Bound on IH 41 Overpass
IH 41 South Bound Exit Ramp					4	2		2		SB Exit 161 CTH F (Scheuring Rd)
IH 41 South Bound Exit RAB		12	110	1	1		3		88	West Side of IH 41
SUB-TOTALS	170	422	220	4	8	4	8	3	158	
TOTALS	170	642		24				3	158	

PAVEMENT MARKING

LOCATION	646.4020 EPOXY 10-INCH DASHED WHITE LF	646.5020 ARROWS EPOXY TYPE 1 EACH TYPE 2 EACH TYPE 2R EACH TYPE 3 EACH TYPE 3R EACH					646.5120 WORDS EPOXY ONLY EACH	646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	REMARKS
IH 41 / USH 45									Winnebago County
IH 41 SB Exit 120 Ramp to USH 45			4	2			3		IH 41 SB Exit 120 (Ramp)
NB Approach to Jct USH 45 IH 41		2				2			NB Approach to USH 45 IH 41
SB Approach to Jct USH 45 IH 41		2			2				SB Approach to USH 45 IH 41
Jct USH 45 IH 41 RAB	300	3	1		2			80	Jct USH 45 IH 41 inside RAB
SUB-TOTALS	300	7	5	2	4	2	3	80	
TOTALS	300	20					3	80	

PAVEMENT MARKING

LOCATION	646.2020 EPOXY 6-INCH SOLID WHITE LF	646.4020 EPOXY 10-INCH DASHED WHITE LF	646.5020 ARROWS EPOXY TYPE 1 EACH TYPE 2 EACH TYPE 3 EACH TYPE 3R EACH				646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	REMARKS
Oshkosh								Winnebago County
IH 41 North Bound exit 9th Street RAB	45	325	4	1	3	2	80	Eastside of IH 41
IH 41 South Bound exit 9th Street RAB	45	450	4	1	3	2	95	Westside of IH 41
SUB-TOTALS	90	775	8	2	6	4	175	
TOTALS	90	775	20				175	

PAVEMENT MARKING

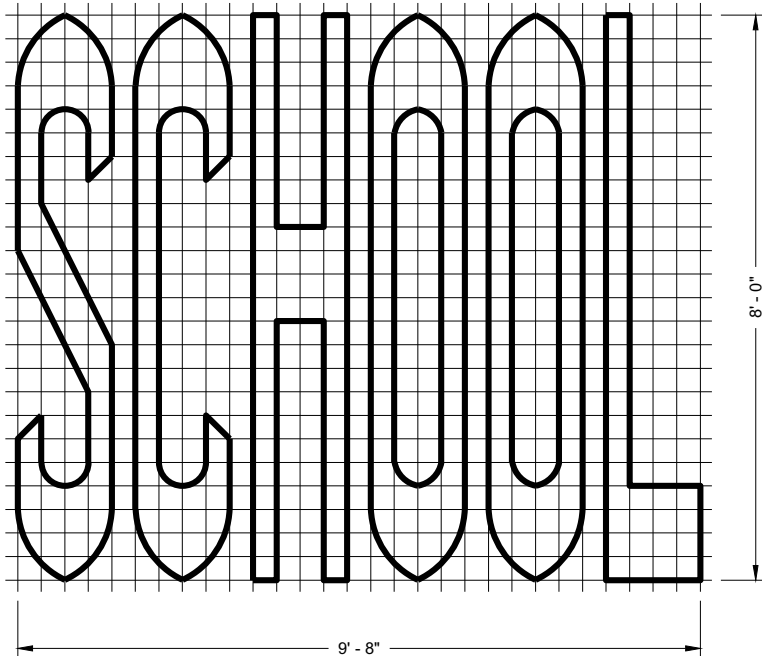
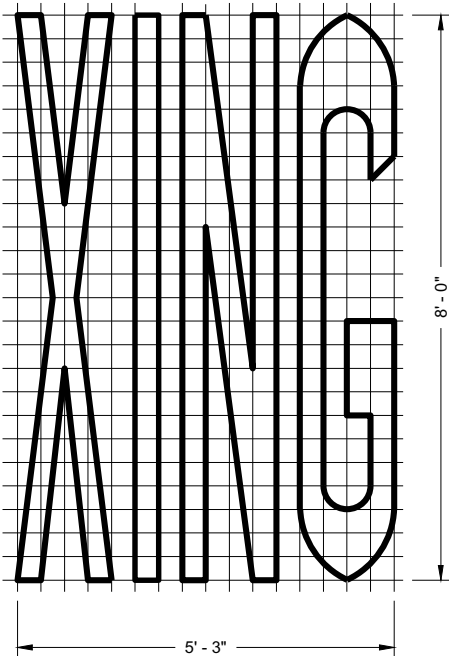
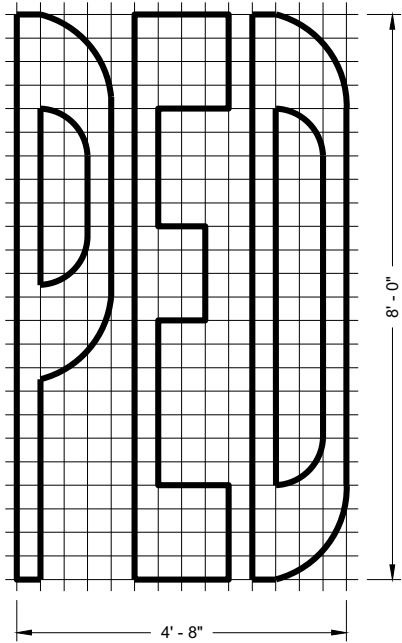
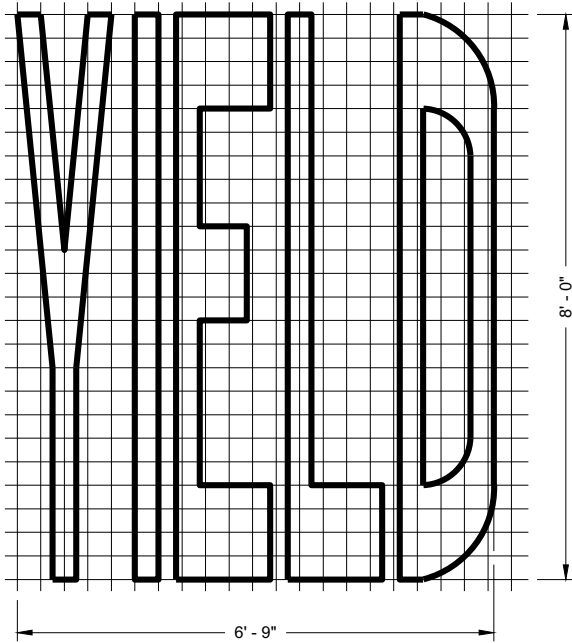
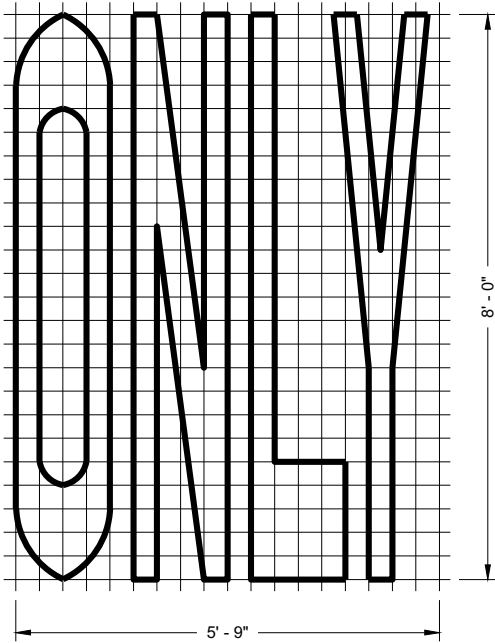
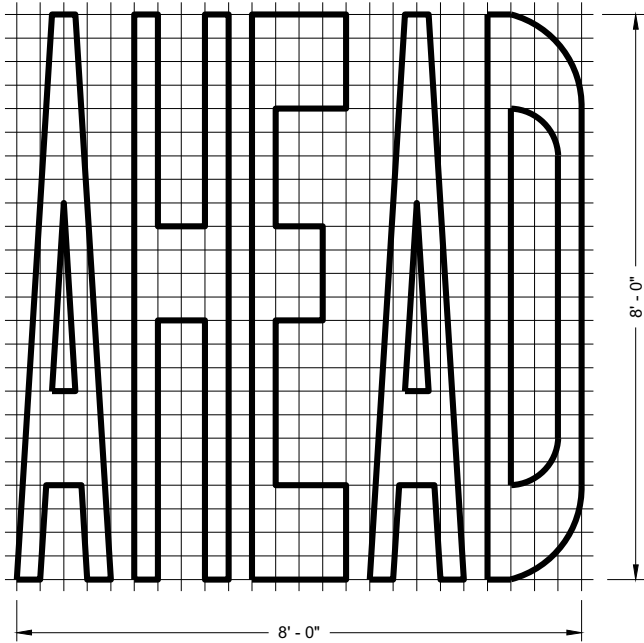
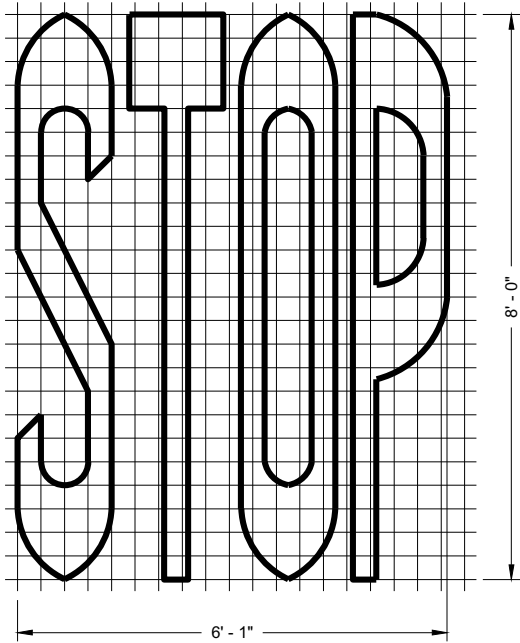
LOCATION	646.4020 EPOXY 10-INCH DASHED WHITE LF	TYPE 1 EACH	TYPE 2 EACH	646.5020 ARROWS EPOXY TYPE 2R EACH	TYPE 3 EACH	TYPE 3R EACH	646.5120 WORDS EPOXY ONLY EACH	646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	REMARKS
Oshkosh									Winnebago County
IH 41 NB Exit Ramp to STH 21			5	3			8		Exit 119 Ramp
STH 21 RAB	475	3	2		3			110	Eastside of IH 41
STH 21 EB on Overpass		2		2	2		2		On STH 21 / IH 41 Overpass
STH 21 WB on Overpass		2				2			On STH 21 / IH 41 Overpass
IH 41 SB Exit Ramp to STH 21			4	2			3		EXIT 119 Ramp
STH 21 RAB	420	5	1	1	3		1	74	Westside of IH 41
SUB-TOTALS	895	12	12	8	8	2	14	184	
TOTALS	895			42			14	184	

PAVEMENT MARKING

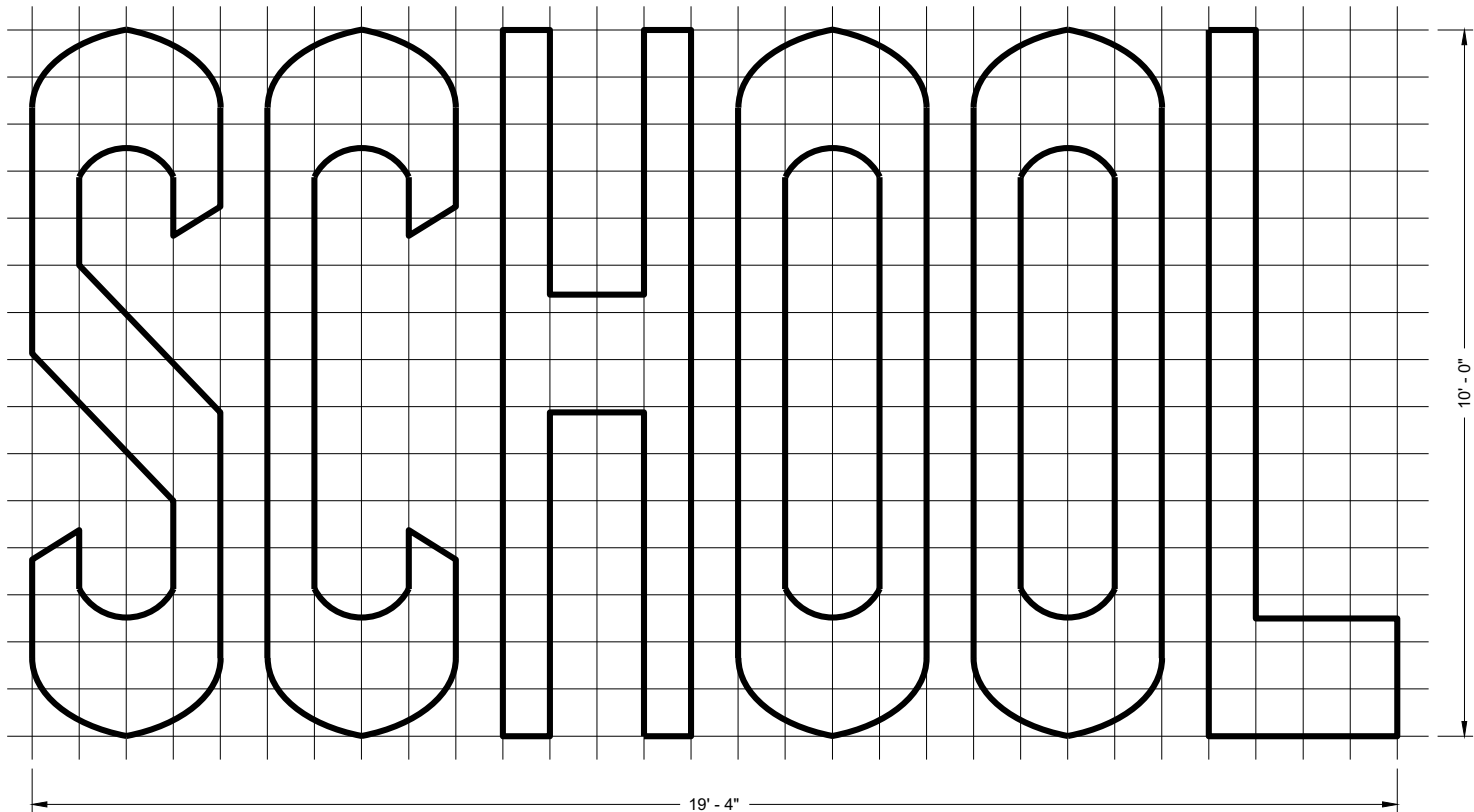
LOCATION	646.4020 EPOXY 10-INCH DASHED WHITE LF	SOLID WHITE LF	TYPE 1 EACH	TYPE 2 EACH	646.5020 ARROWS EPOXY TYPE 2R EACH	TYPE 3 EACH	TYPE 3R EACH	646.5120 WORDS EPOXY ONLY EACH	646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	REMARKS
STH 21 / Washburn										Oshkosh Winnebago County
East Bound Approach		180				2	2		22	Arrows / Yield Blocks
West Bound Approach		430			3	4		3	26	Arrows / Yield Blocks
Inside RAB	425		3	2		4				Lane Lines / Arrows
South Bound Approach									20	Yield Blocks
North Bound Approach									24	Yield Blocks
SUB-TOTALS	425	610	3	2	3	10	2	3	92	
TOTALS		1,035			20			3	92	

Standard Detail Drawing List

15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C07-15D	ROUNDBOUT ARROWS
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23C	PAVEMENT MARKING (TURN LANES)
15C08-23D	PAVEMENT MARKING (TURN LANES)
15C09-13A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C09-13B	TRUCK STOPPING LANE PAVEMENT MARKINGS
15C18-08A	MEDIAN ISLAND MARKING PAVEMENT MARKINGS
15C18-09A	MEDIAN ISLAND MARKINGS
15C19-09A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-09B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C19-09C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15C35-06B	PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE)
15C35-06C	PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE)
15D37-03	TRAFFIC CONTROL, 2-LANE ROUNDBOUT



SINGLE LANE



TWO - LANE

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.

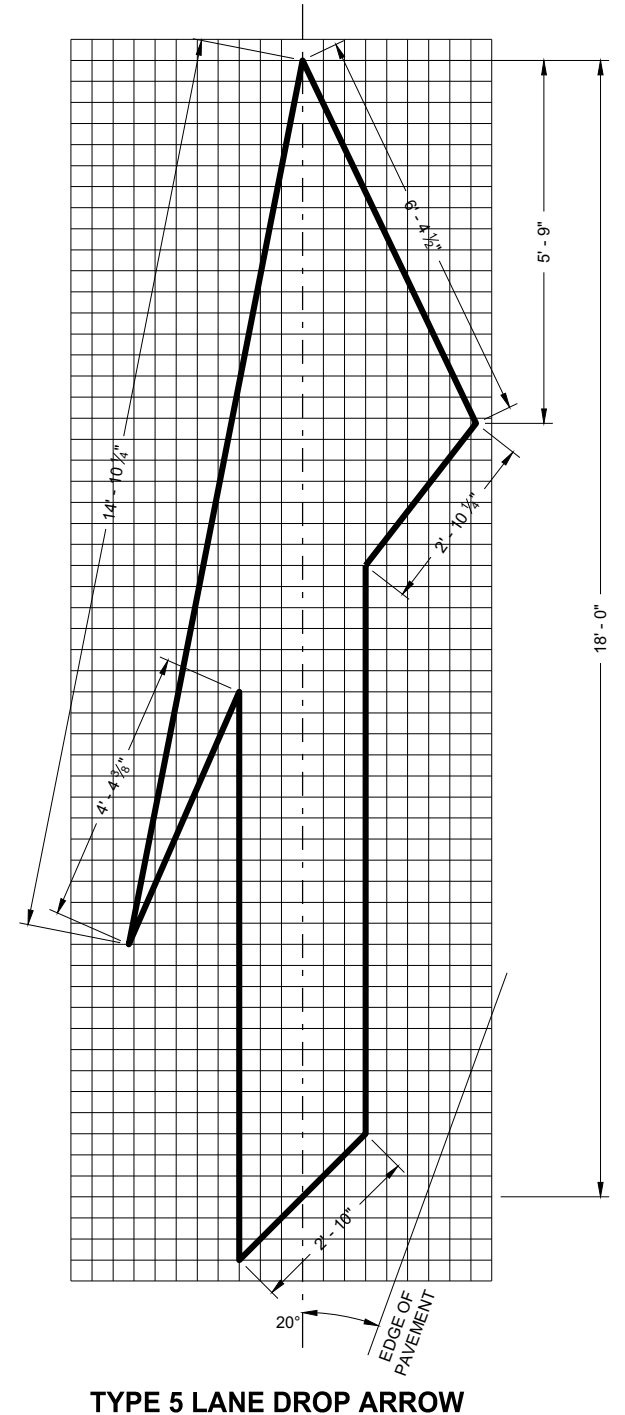
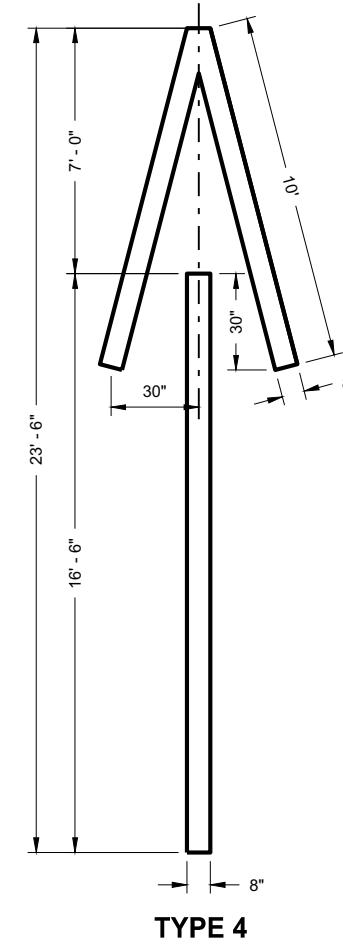
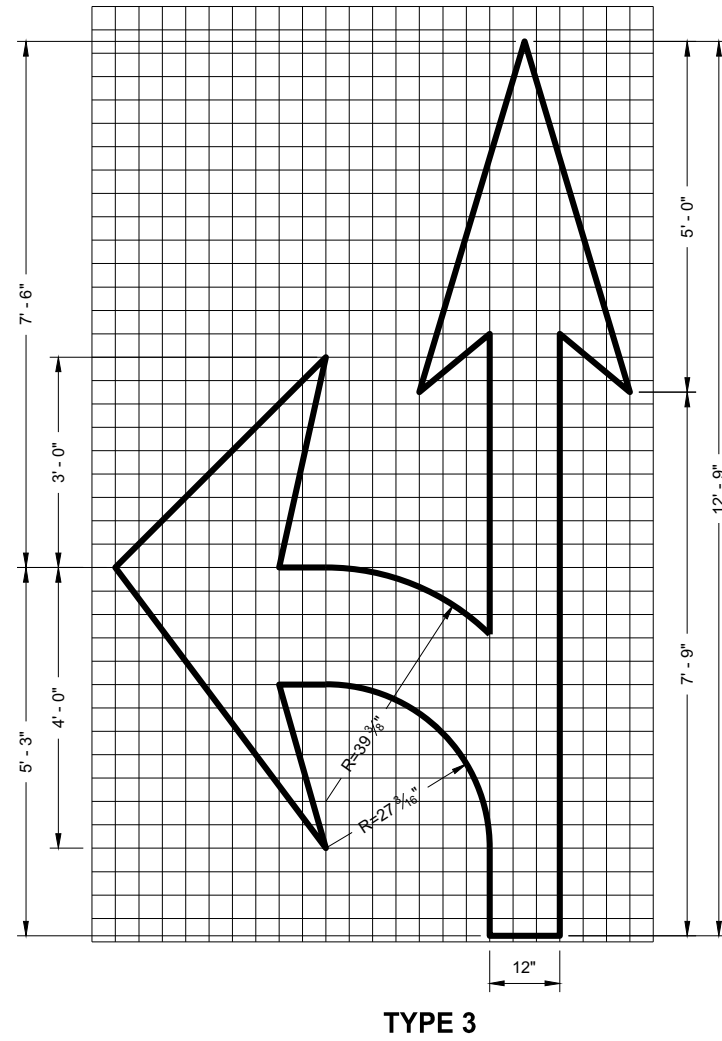
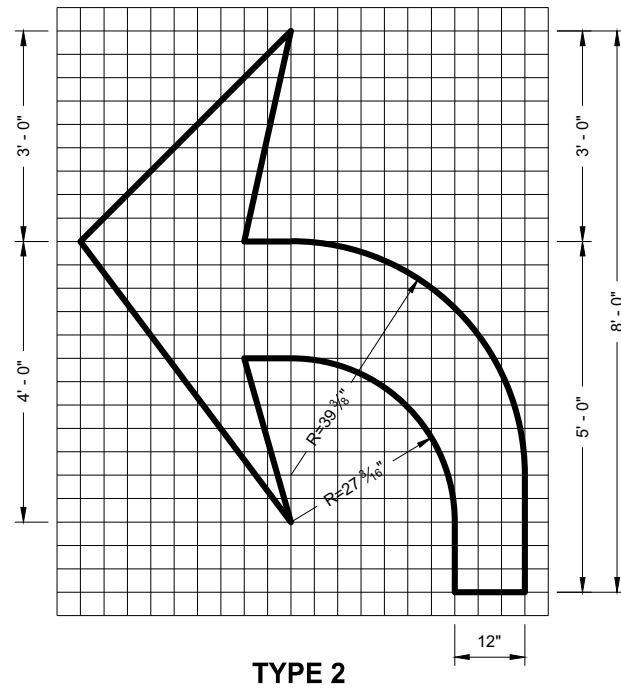
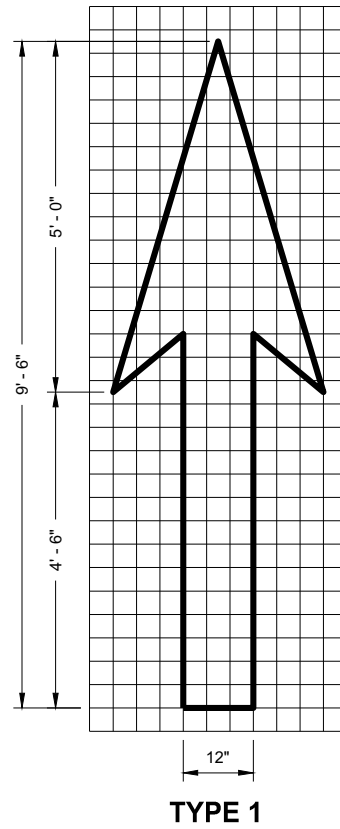
PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MARKING
ENGINEER

FHWA

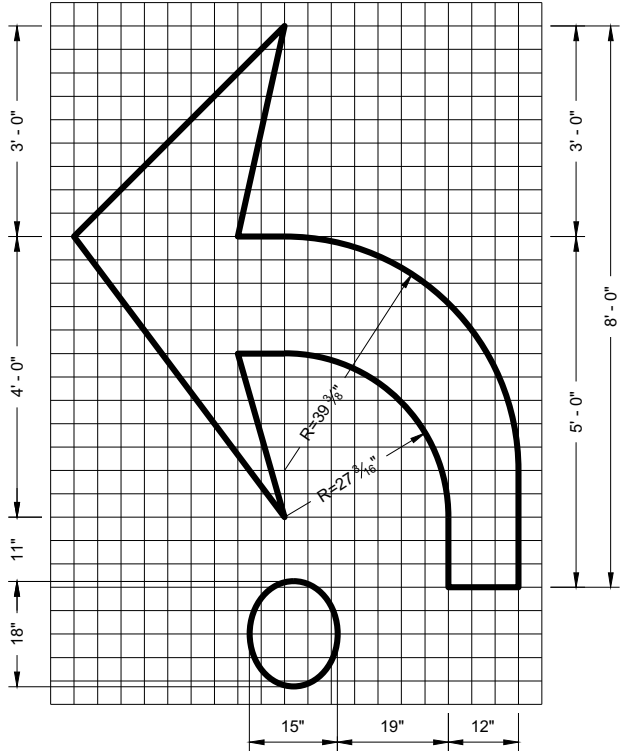


GENERAL NOTES

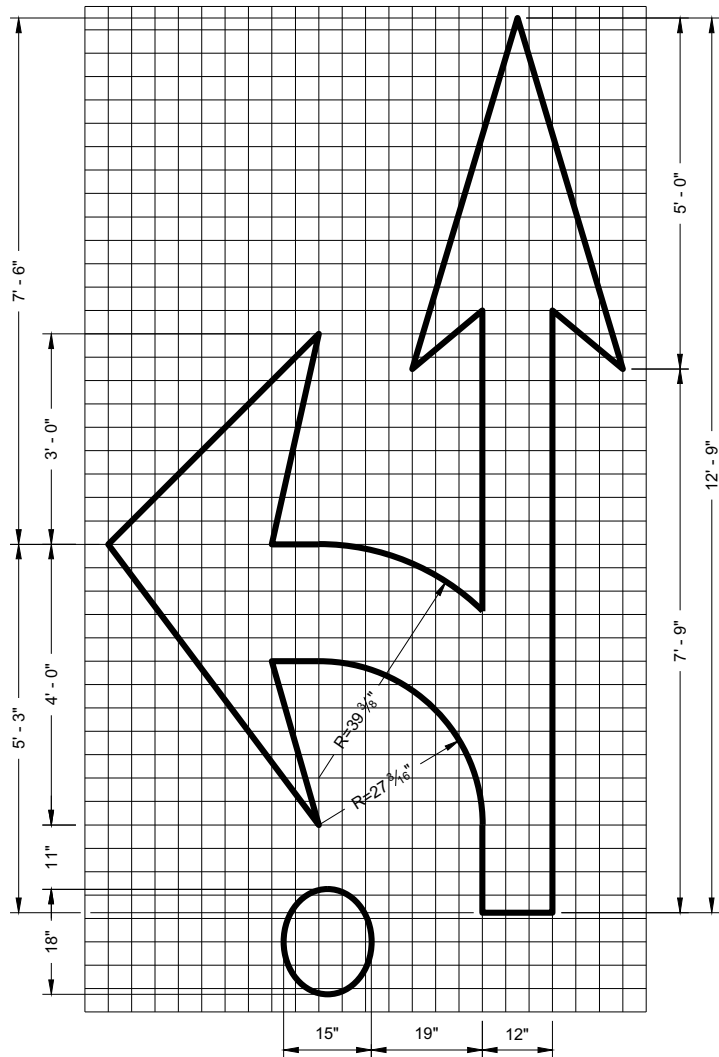
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

GENERAL NOTES

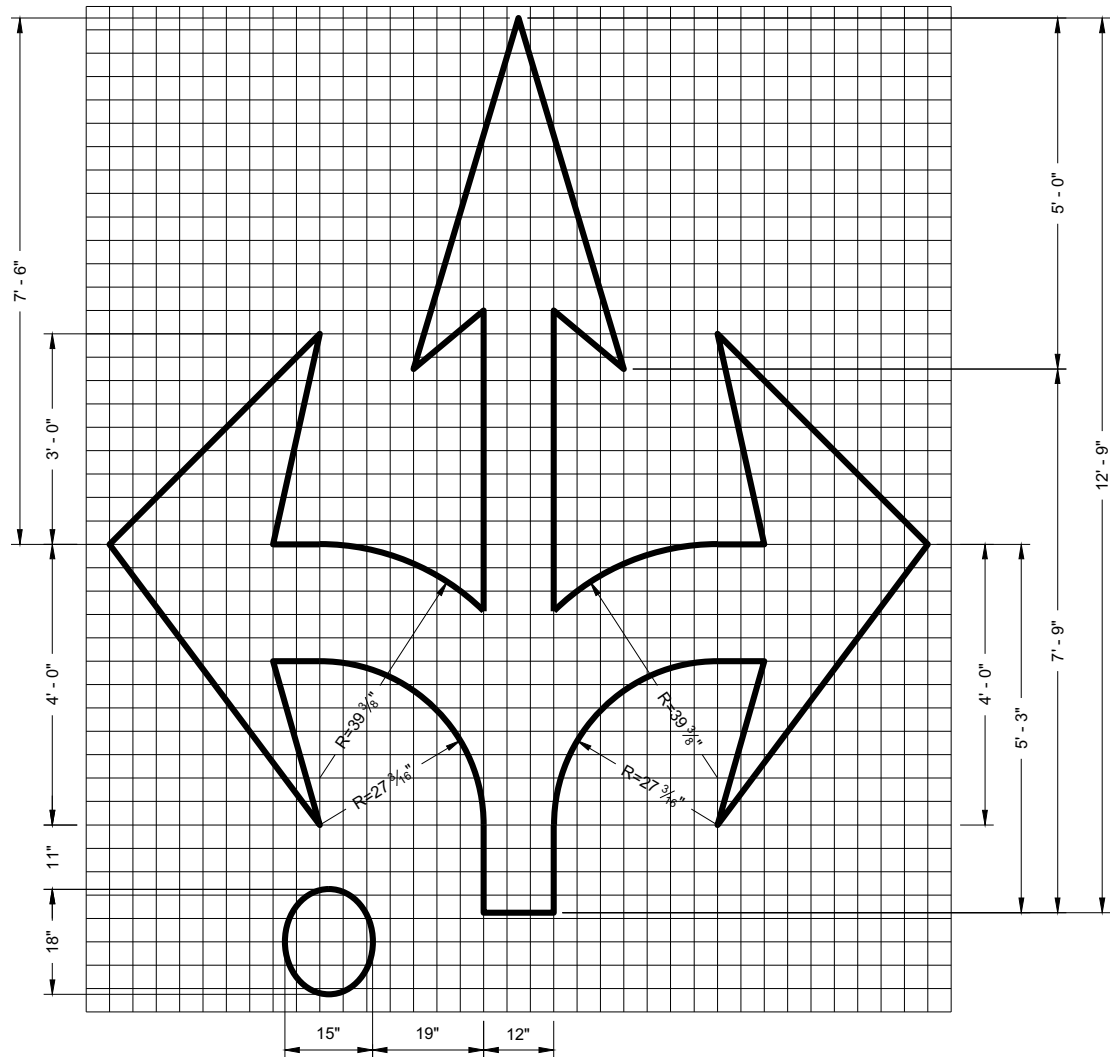
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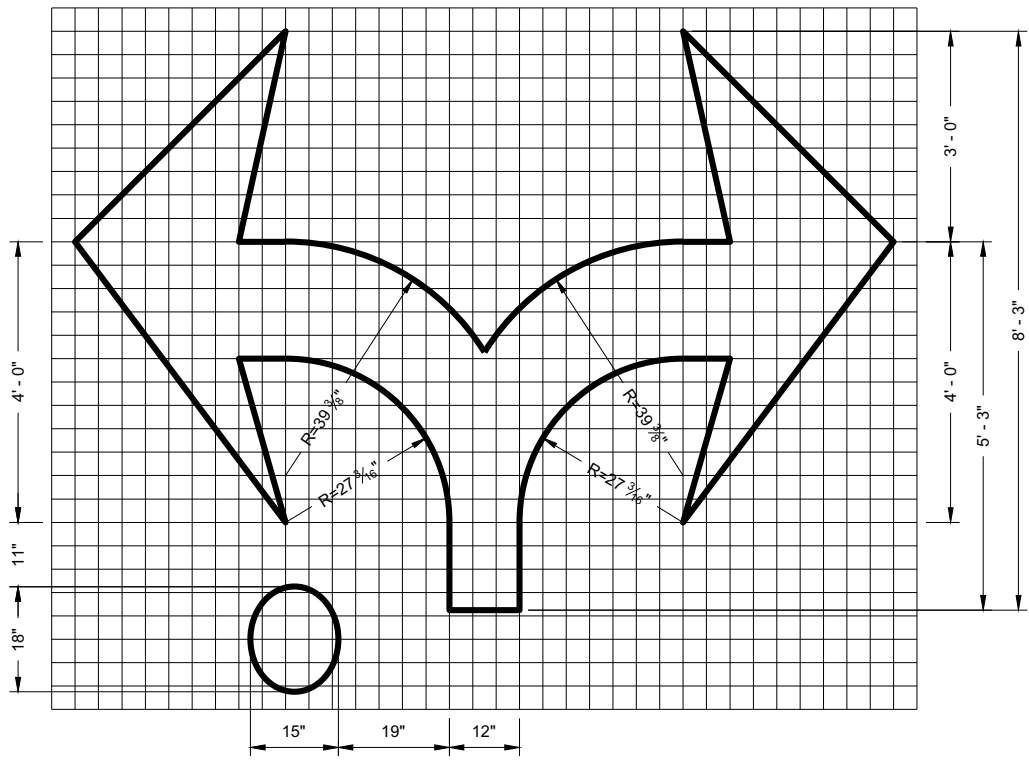
TYPE 2R



TYPE 3R



TYPE 6R



TYPE 7R

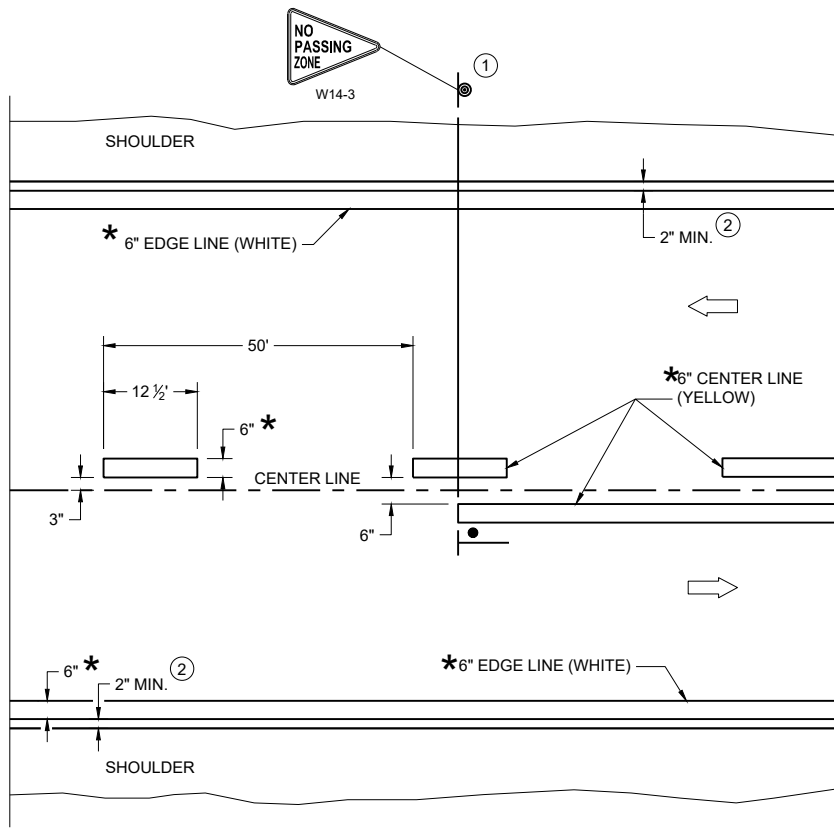
ROUNDAABOUT
MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

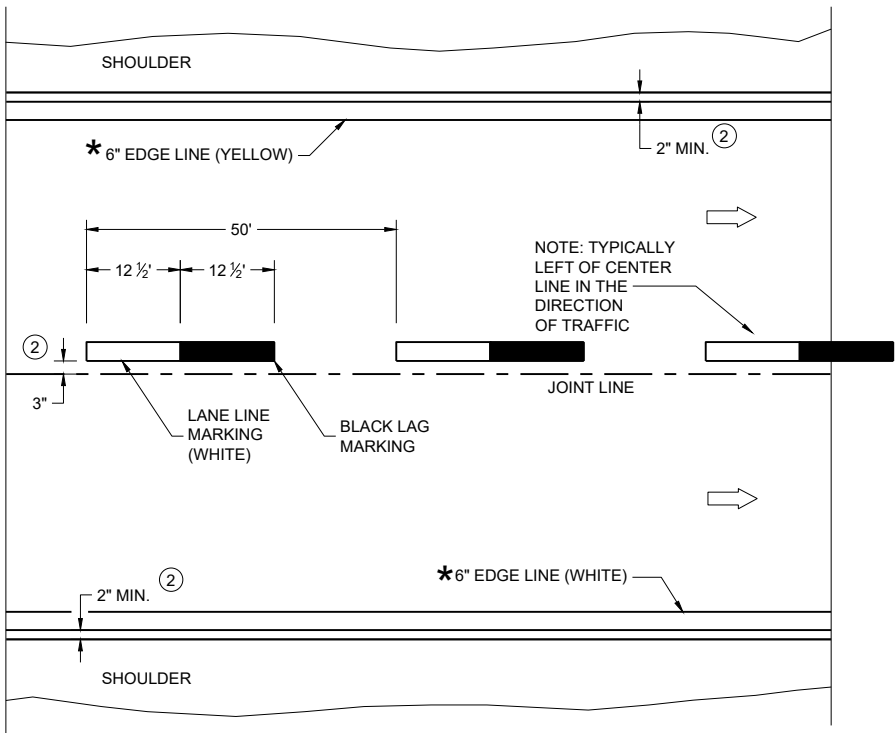
APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MARKING
ENGINEER

FHWA



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

GENERAL NOTES

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

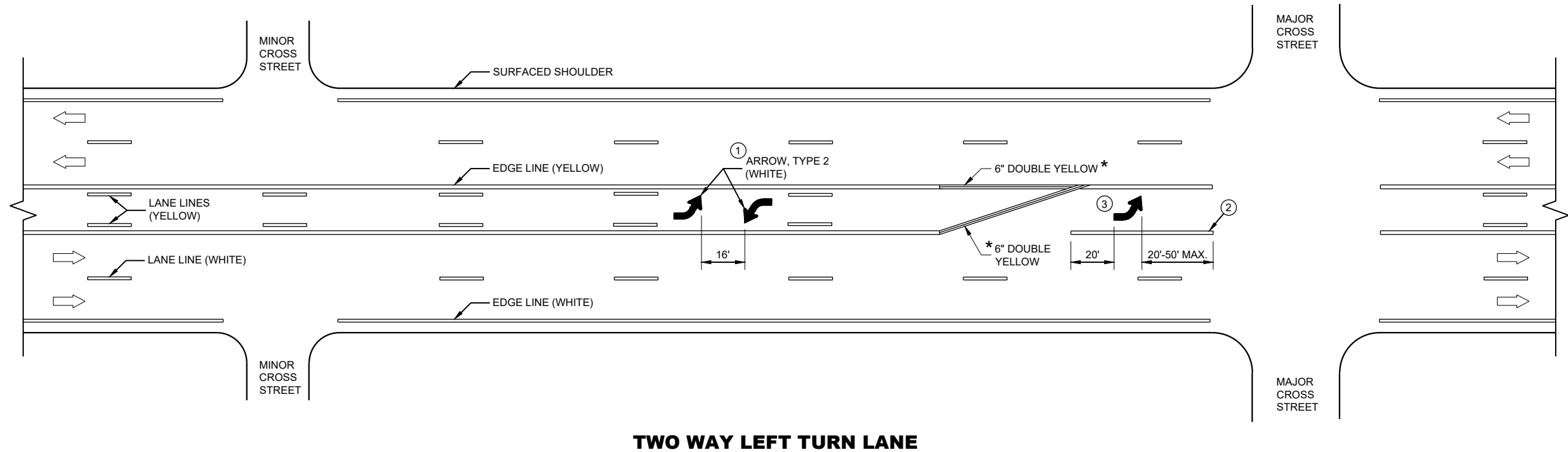
- ① LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING
- ② MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

- "T" MARKING
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC

PERMANENT LONGITUDINAL PAVEMENT MARKINGS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2023 DATE	/S/ Jeannie Silver Statewide Pavement Marking Engineer

FHWA



GENERAL NOTES

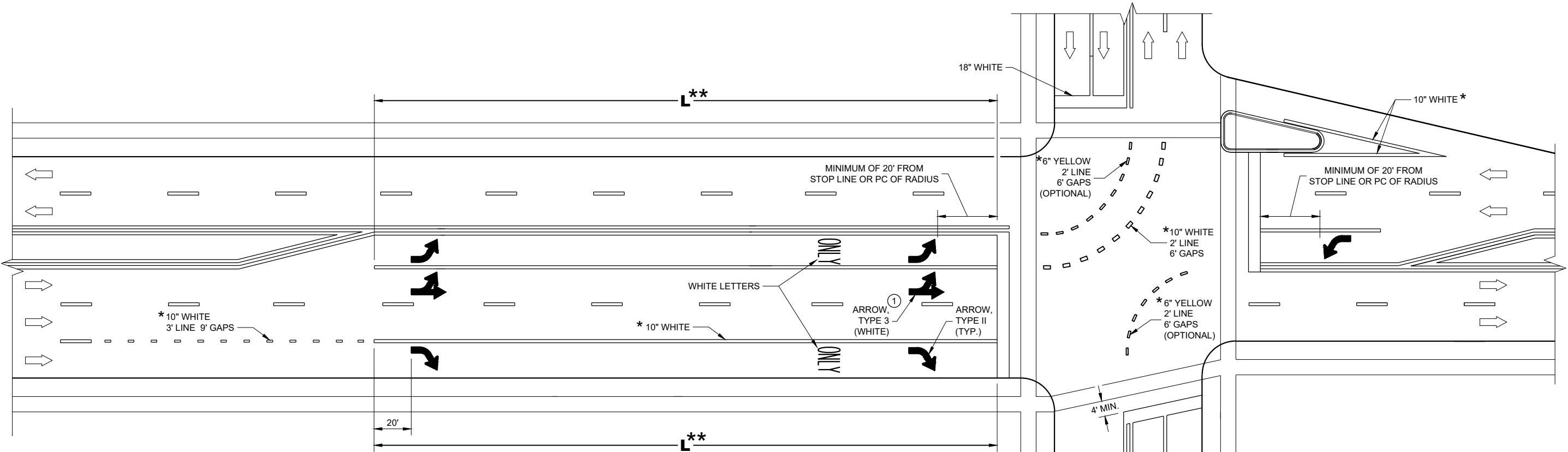
- ① A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
- ② 10" WHITE
- ③ TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

➡ DIRECTION OF TRAFFIC

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

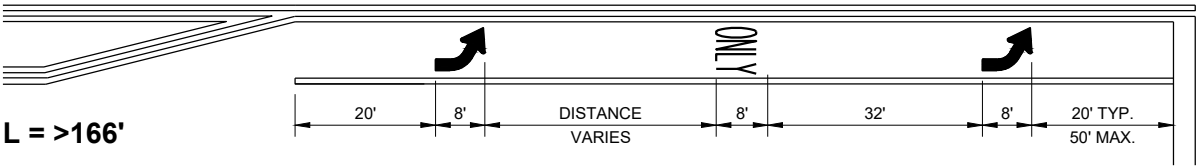
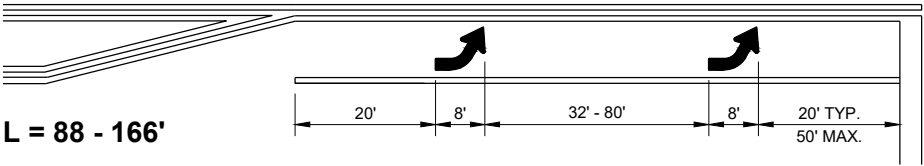
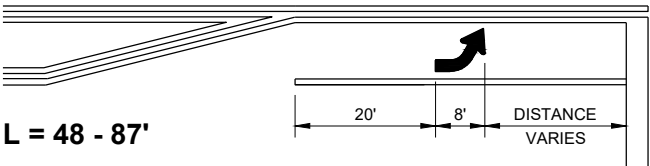
**PAVEMENT MARKING
(TURN LANES)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



TURN LANE OPTIONS

LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

GENERAL NOTES

① QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

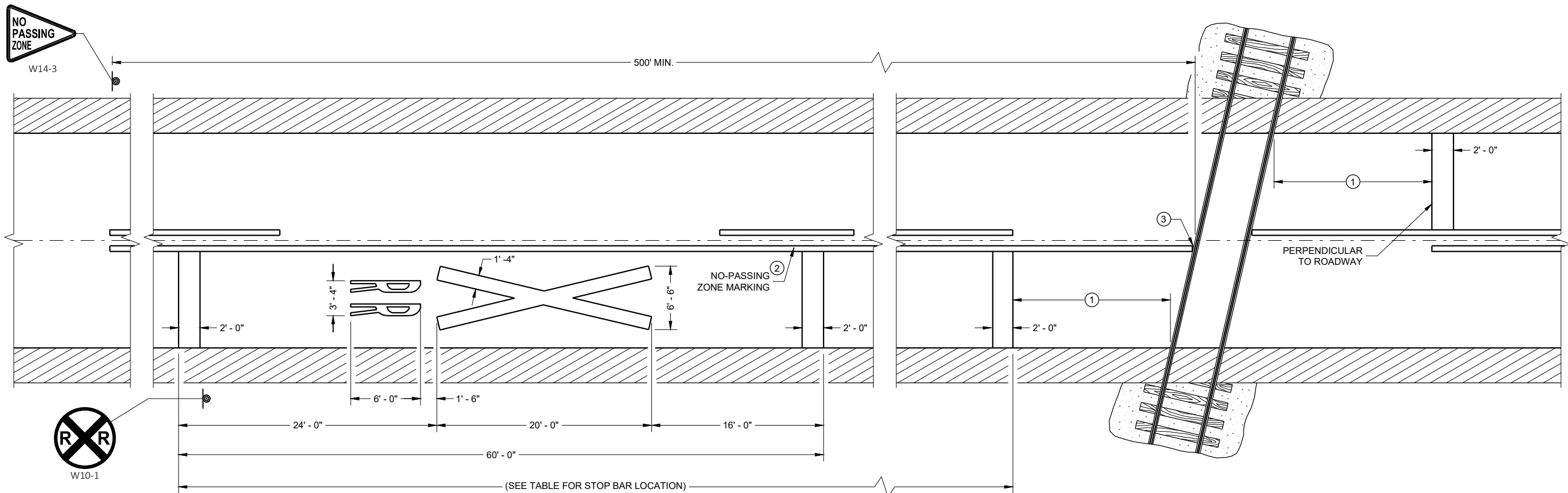
➡ DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

PAVEMENT MARKING
(TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PAVEMENT MARKING

LEGEND

⦿ SIGN ON PERMANENT SUPPORT

GENERAL NOTES

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

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

CENTER OR LANE LINES AND NO-PASSING ZONE MARKINGS SHOWN ON THIS DRAWING ARE REQUIRED AND PAID FOR UNDER OTHER ITEMS IN THE CONTRACT.

TRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

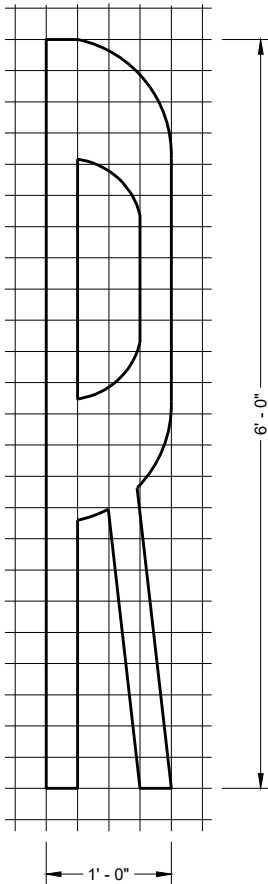
- ① PLACE STOP BAR APPROXIMATELY 8 FEET IN ADVANCE OF THE GATE (IF PRESENT), BUT NO CLOSER THAN 15 FEET IN ADVANCE OF THE NEAREST RAIL. FIELD-FIT STOP BAR TO MAXIMIZE VIEW OF APPROACHING TRAIN.
- ② 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.
- ③ FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.

DISTANCE TABLE

TABLE BASED UPON 2C-4 WISCONSIN SUPPLEMENT OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

POSTED SPEED (M.P.H.)	DIMENSION RANGE (FEET)
25	150* - 250'
30	200* - 300'
35	250* - 450'
40	300* - 500'
45	400* - 650'
50	550* - 800'
55	750* - 1000'
60	1000* - 1250'
65	1000* - 1250'

* THE MINIMUM DISTANCES IN THE TABLE ARE DESIRABLE AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSED PROXIMITY OF DRIVEWAYS, BRIDGES, SIDE ROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.



SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD - HIGHWAY GRADE CROSSINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2023
DATE

FHWA

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

LEGEND

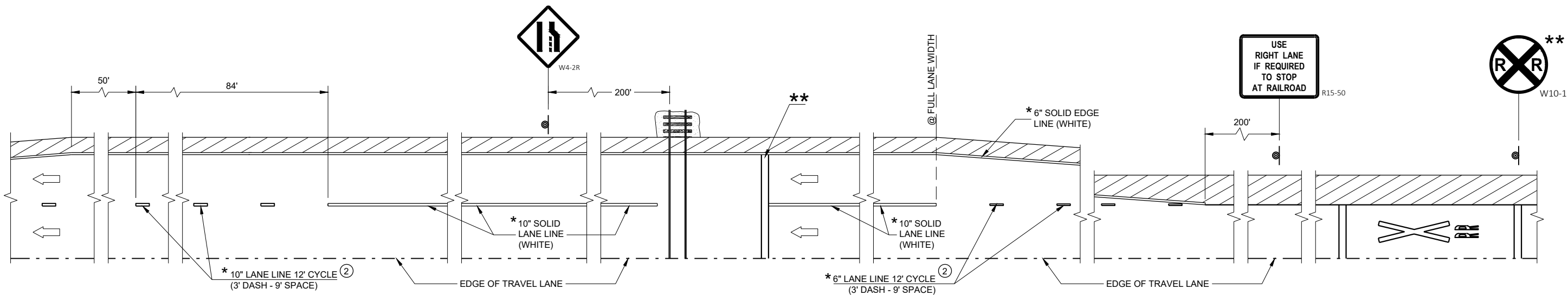
-  SIGN ON PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC

GENERAL NOTES

SIGNING AND MARKING IS SHOWN AS TYPICAL PLACEMENT. FIELD CONDITIONS MAY DICTATE CHANGES IN SIGNING AND MARKING PLACEMENT.

- ① INSTALLED FOR EXPRESSWAYS
- ② 3' LINE, 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.

** SEE SDD 15C09-a, "SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD - HIGHWAY GRADE CROSSING" FOR LOCATION OF ADVANCE MARKINGS.



DETAIL FOR TRUCK STOPPING LANE PAVEMENT MARKINGS

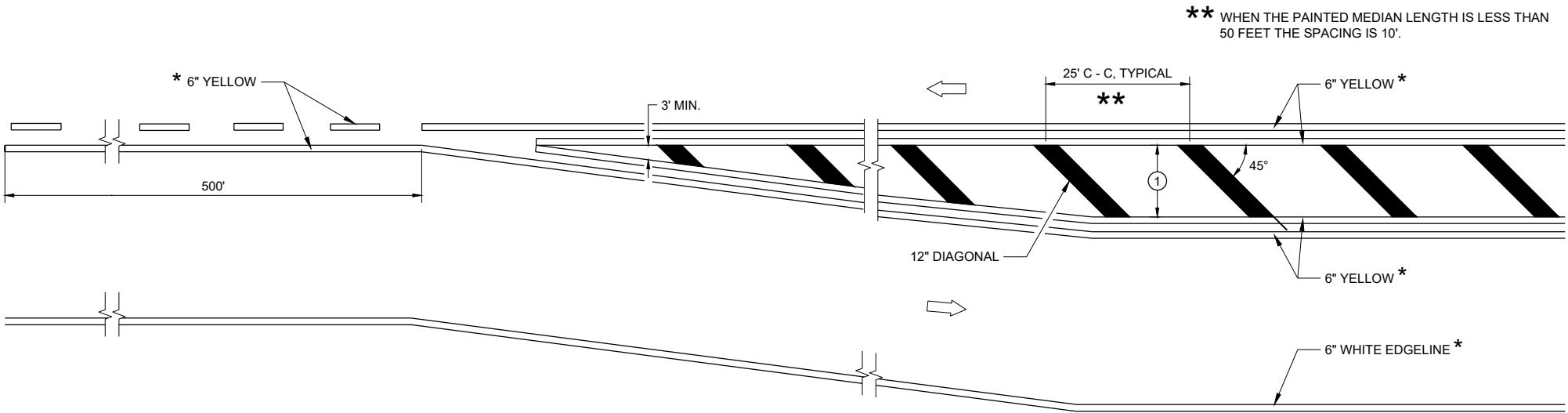
TRUCK STOPPING LANE
PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

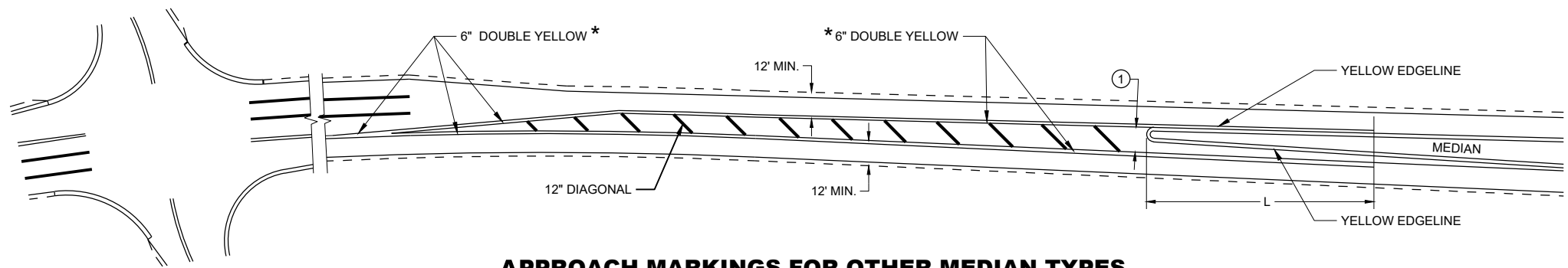
APPROVED
May 2023
DATE

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

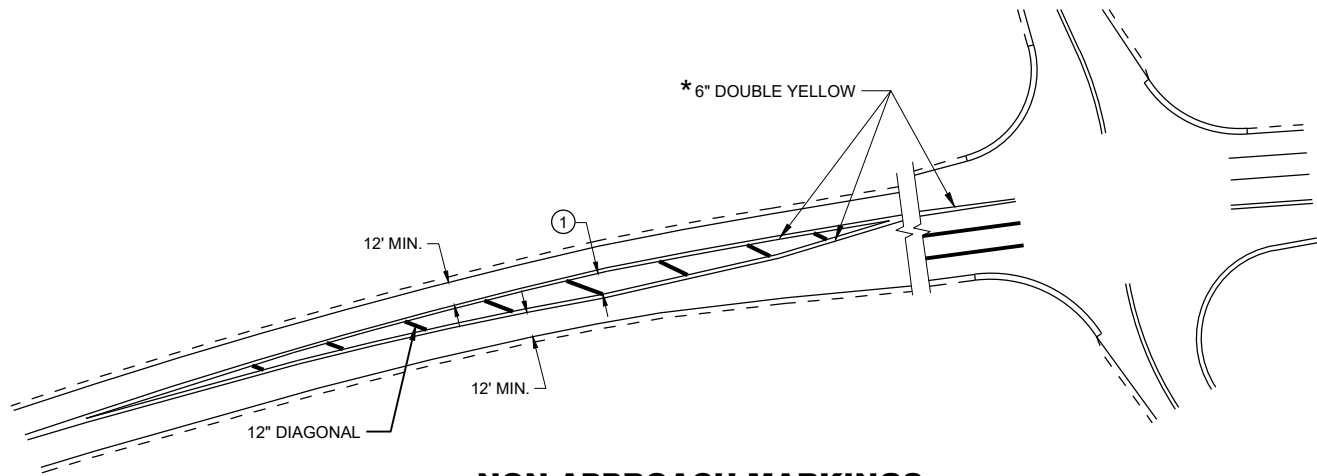
FHWA



MEDIAN ISLAND DETAIL



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON-APPROACH MARKINGS

GENERAL NOTES

- ① DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

➡ DIRECTION OF TRAVEL

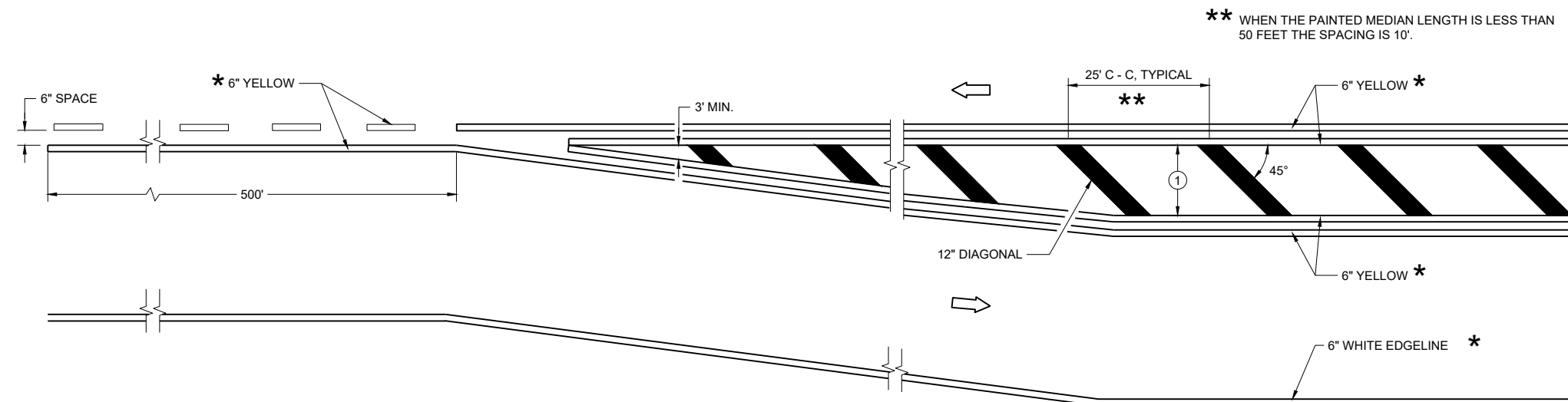
* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

SPEED LIMIT	L
<35 MPH	5'
35> MPH	50'

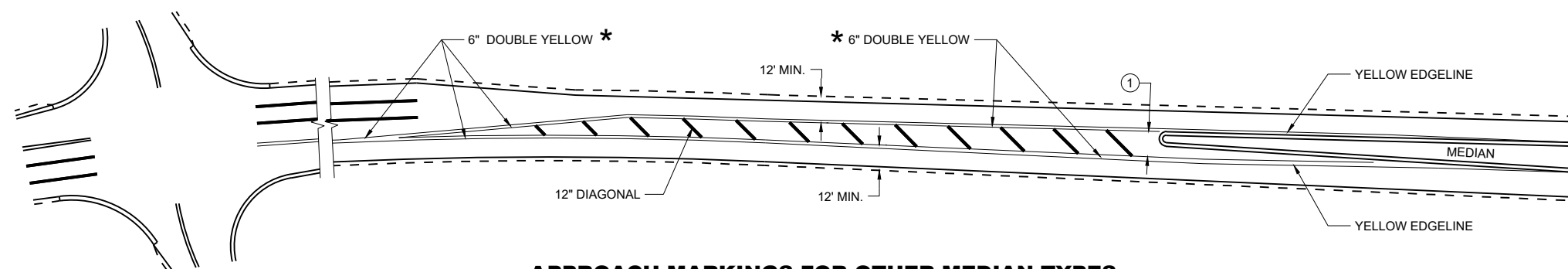
MEDIAN ISLAND
PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

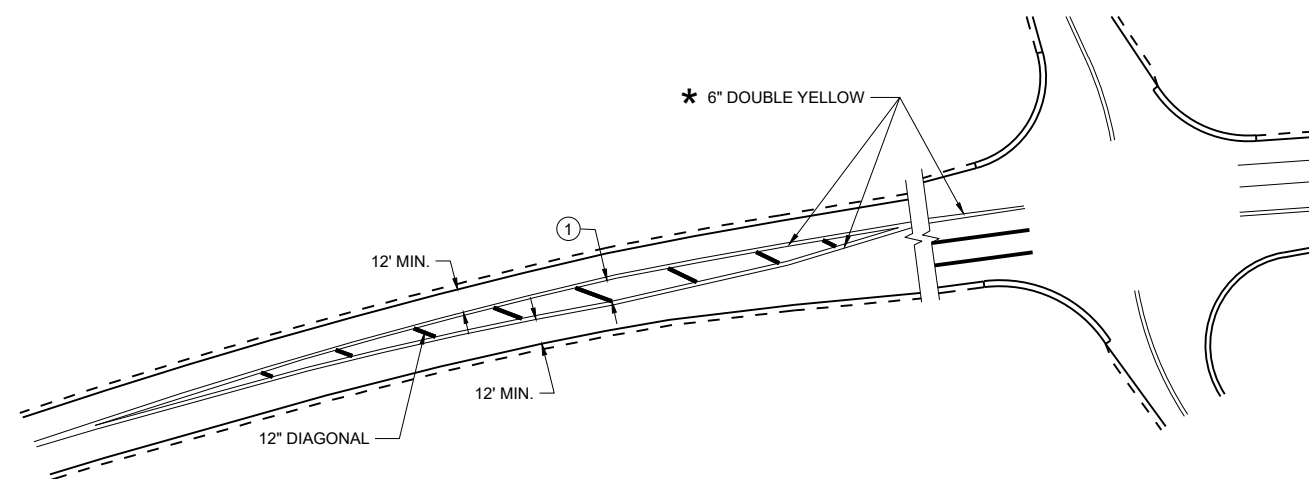
APPROVED
May 2023 /S/ Jeannie Silver
DATE ROADWAY STANDARDS DEVELOPMENT
FHWA UNIT SUPERVISOR



MEDIAN ISLAND DETAIL



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON-APPROACH MARKINGS

GENERAL NOTES

- ① DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

➡ DIRECTION OF TRAVEL

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

MEDIAN ISLAND PAVEMENT MARKINGS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED <u>August 2024</u> DATE	<u>/S/ Jeannie Silver</u> Statewide Pavement Marking Engineer

LEGEND

- V1

LEAD VEHICLE
- V2

MARKING VEHICLE
- V3

SHADOW VEHICLE
- TRUCK MOUNTED ATTENUATOR (TMA)
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC

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 OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

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

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 AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

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

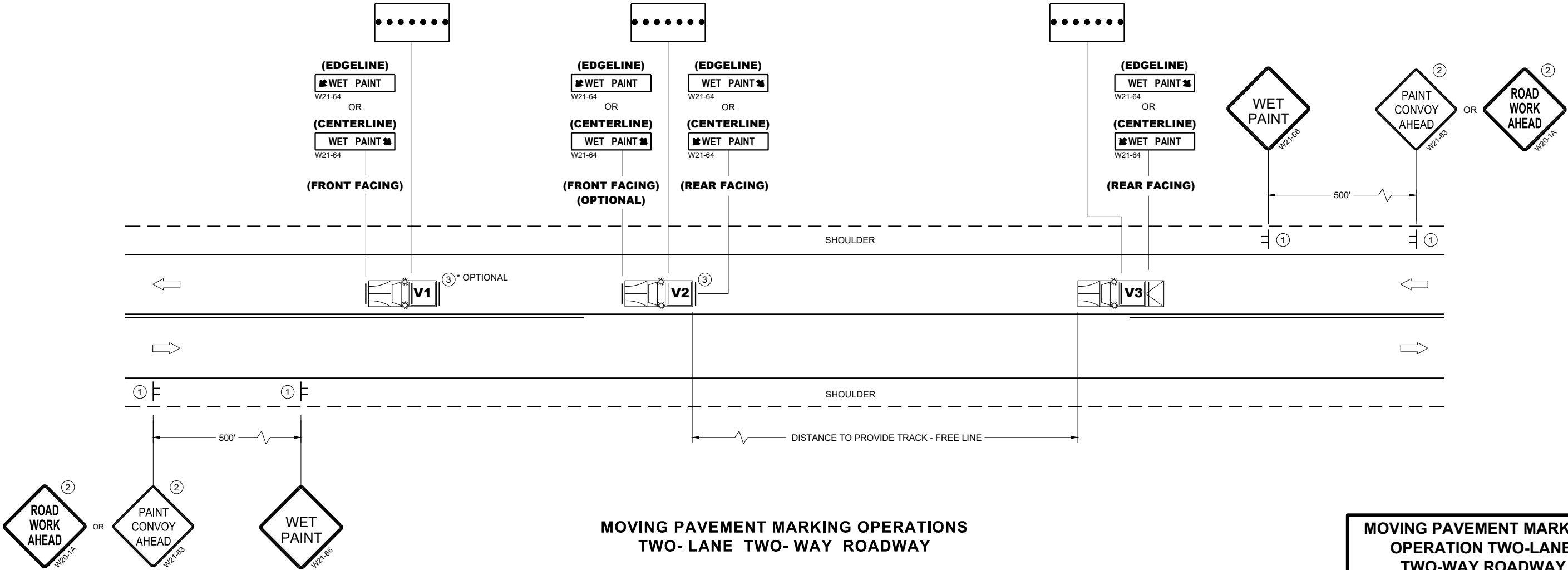
WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH

UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM OF 28" FOR WET PAVEMENT MARKING .

- ① SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY MAJOR INTERSECTION.
- ② IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.
- ③ V1 AND V2 CAN BE SWITCHED SO THAT THE MARKER IS THE LEAD VEHICLE.



MOVING PAVEMENT MARKING OPERATIONS
TWO- LANE TWO- WAY ROADWAY

MOVING PAVEMENT MARKING
OPERATION TWO-LANE
TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER

FHWA

LEGEND

- V1

LEAD VEHICLE
- V2

MARKING VEHICLE
- V3

SHADOW VEHICLE
- 

TRUCK MOUNTED ATTENUATOR (TMA)
- 

SIGN ON TEMPORARY SUPPORT
- 

DIRECTION OF TRAFFIC
- 

FLASHING ARROW PANEL (MERGE)

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.

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 AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

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

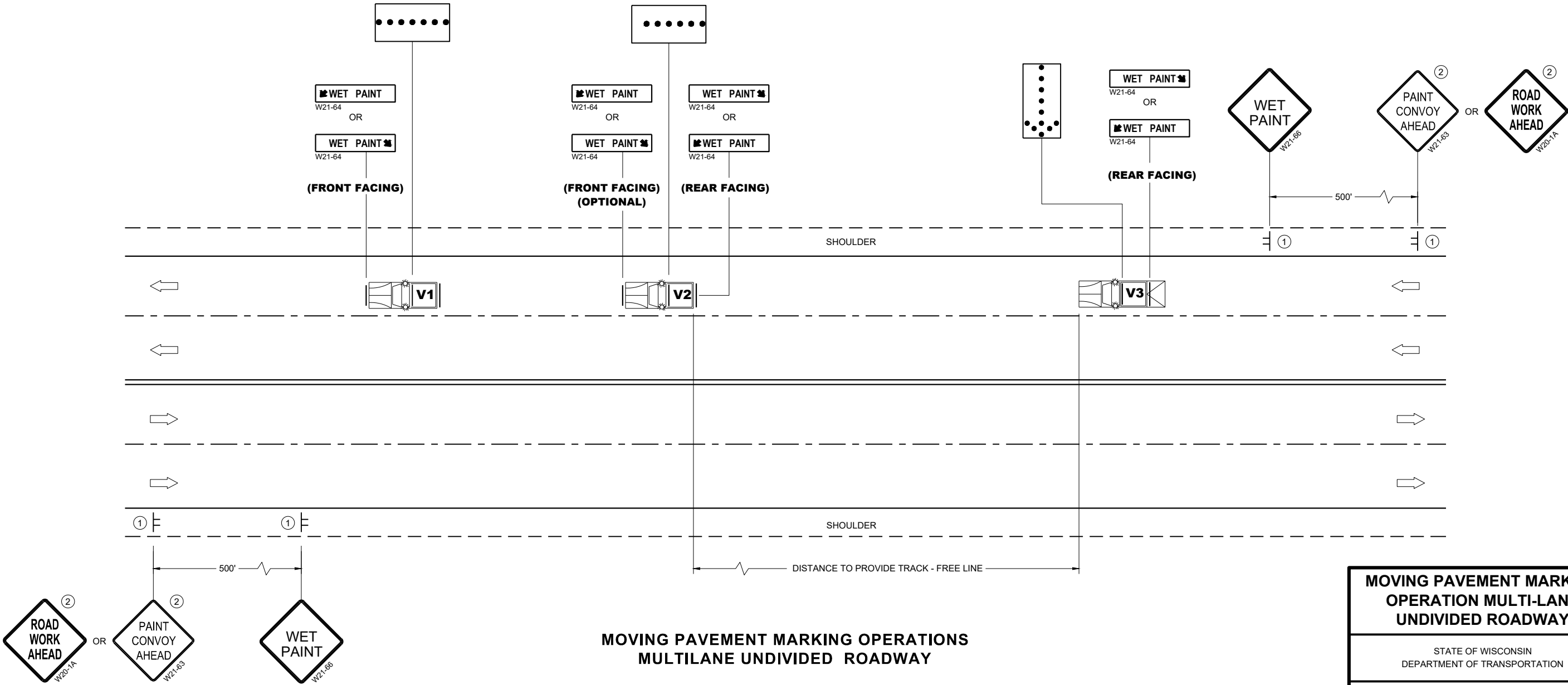
WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLES AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL HAVE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS.

- ① SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY MAJOR INTERSECTION.
- ② IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



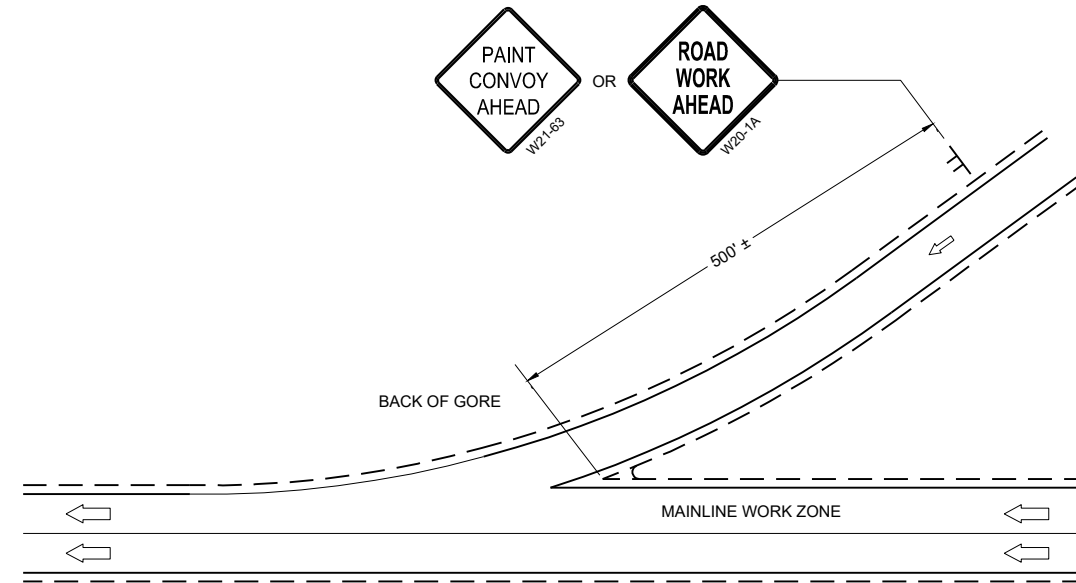
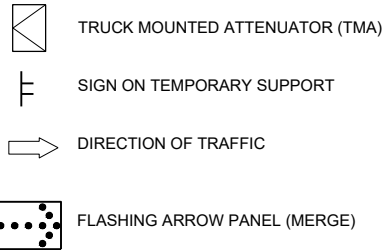
MOVING PAVEMENT MARKING
OPERATION MULTI-LANE
UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER

FHWA

V1	MARKING VEHICLE
V2	SHADOW VEHICLE
V3	TRAIL VEHICLE



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

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

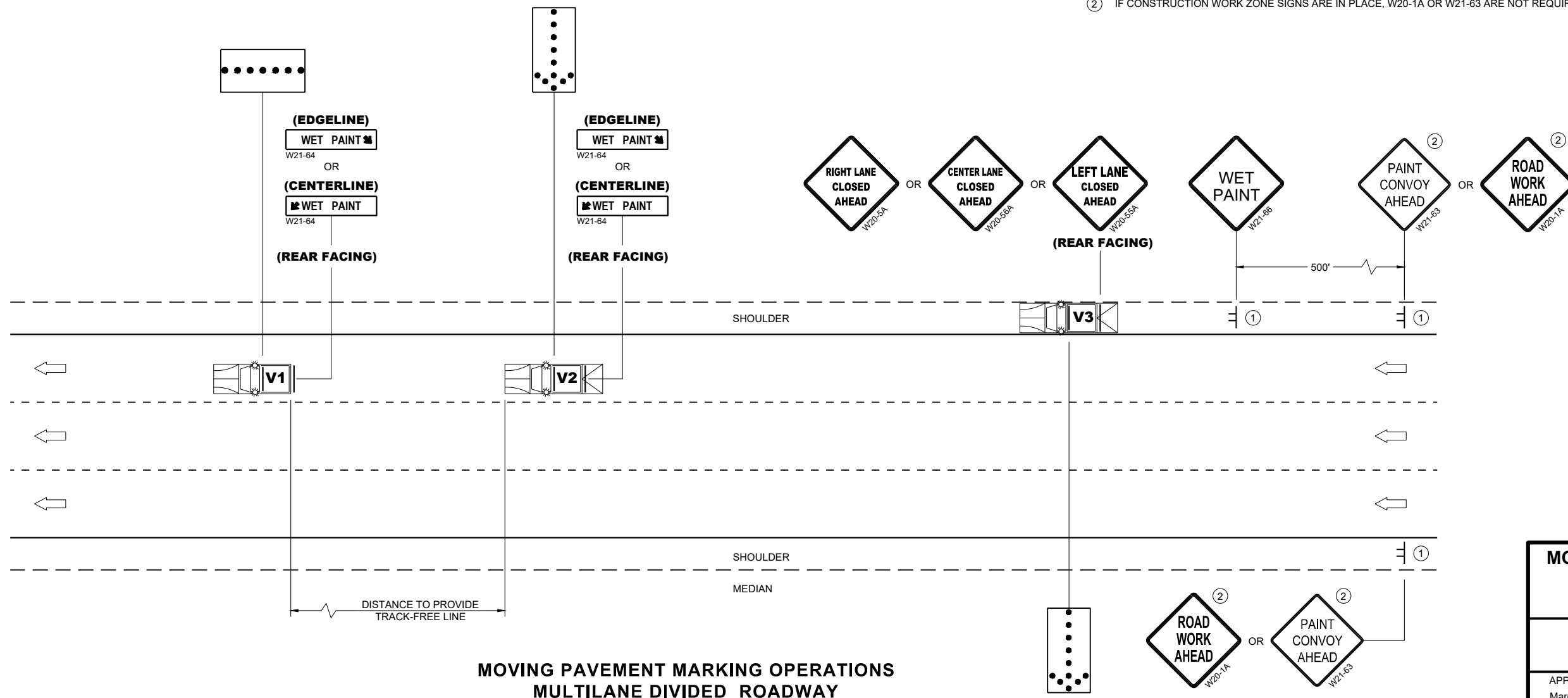
WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

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

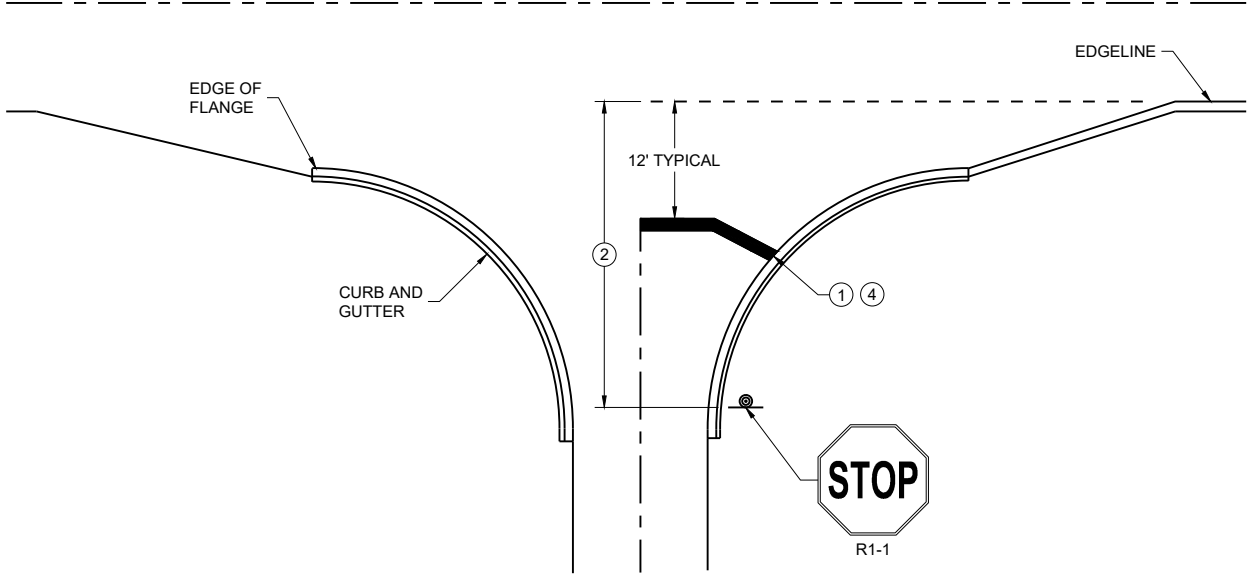
WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC

CONES SHALL BE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS

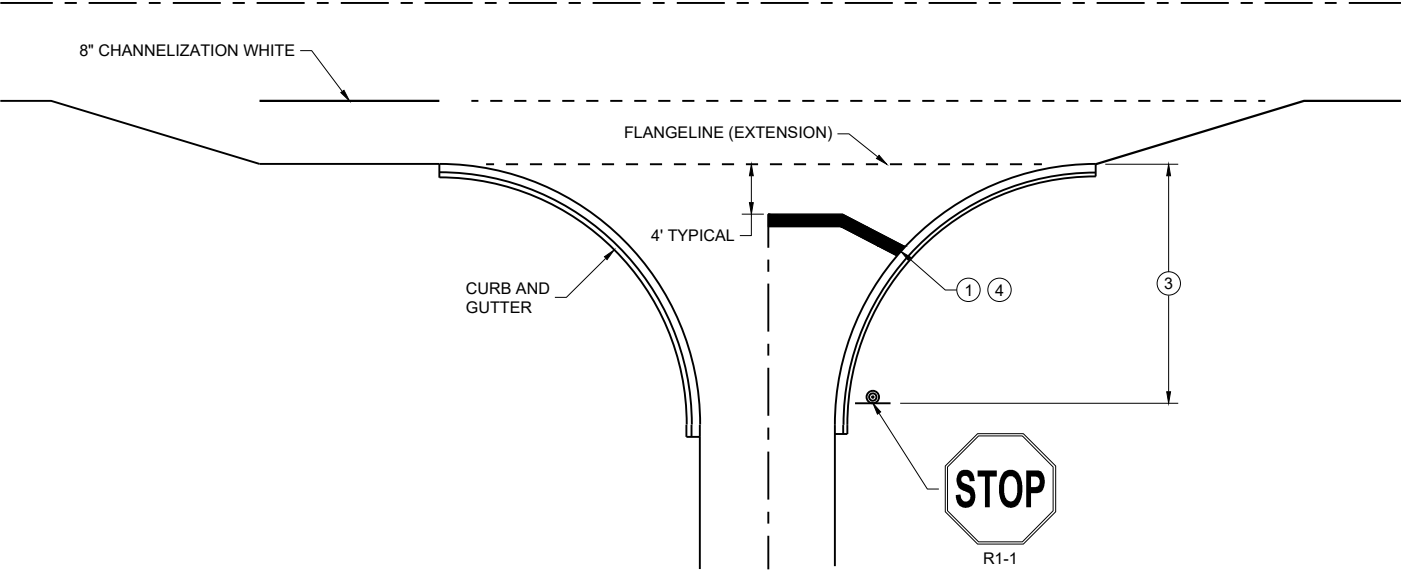
- ① SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY ON RAMP.
- ② IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



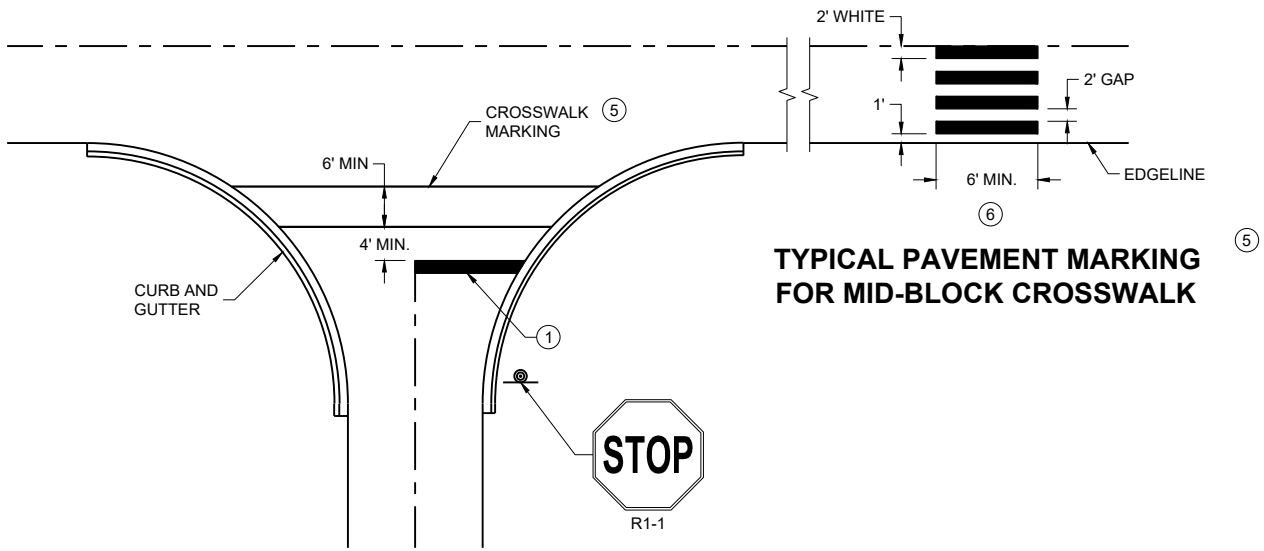
APPROVED	
March 2024	/S/ Andrew Heidtke
DATE	WORK ZONE ENGINEER



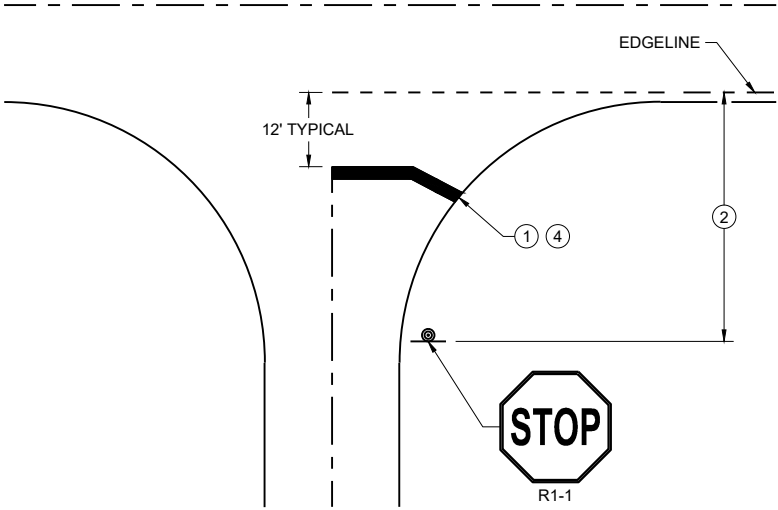
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

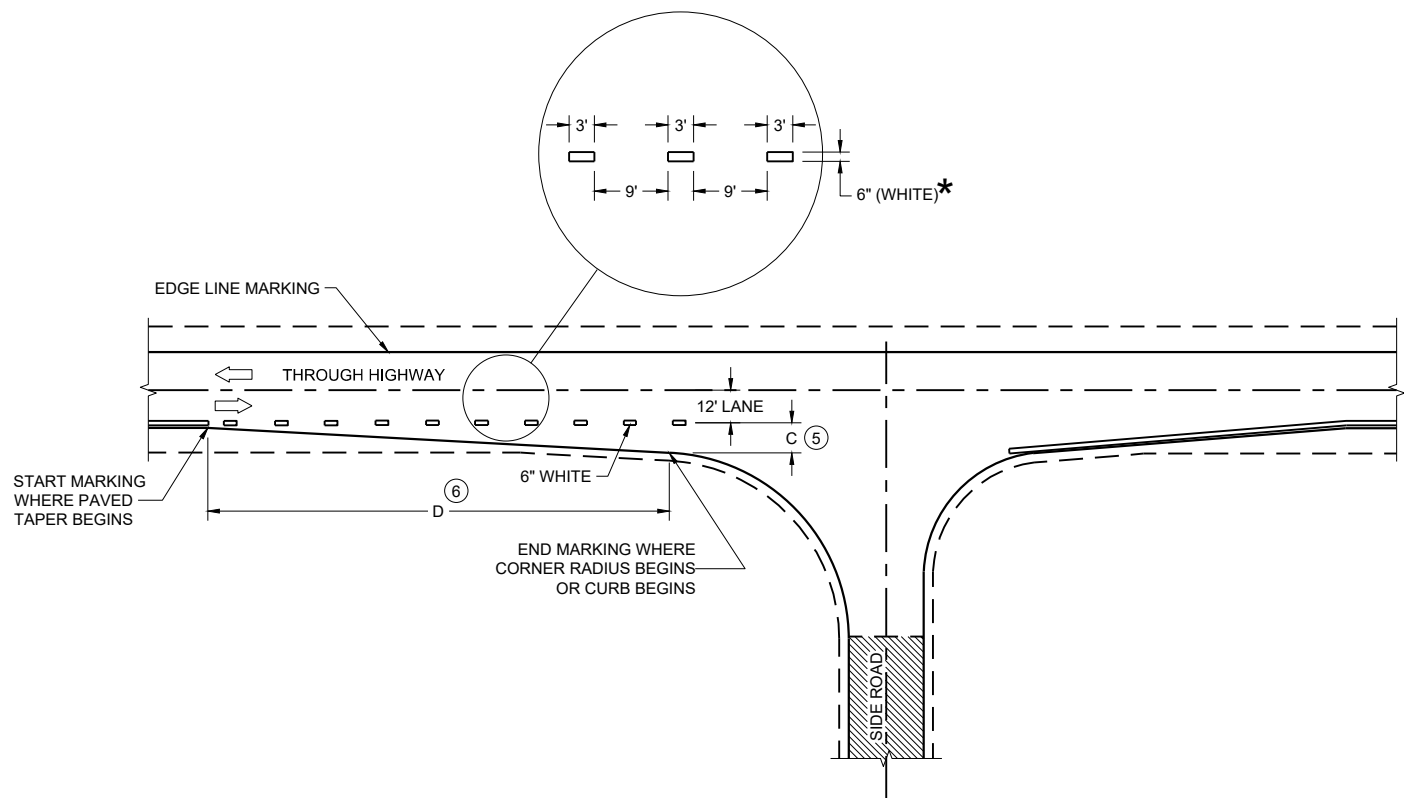
STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

- 1 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- 2 NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
- 3 NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
- 4 MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
- 5 LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES.
- 6 POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS

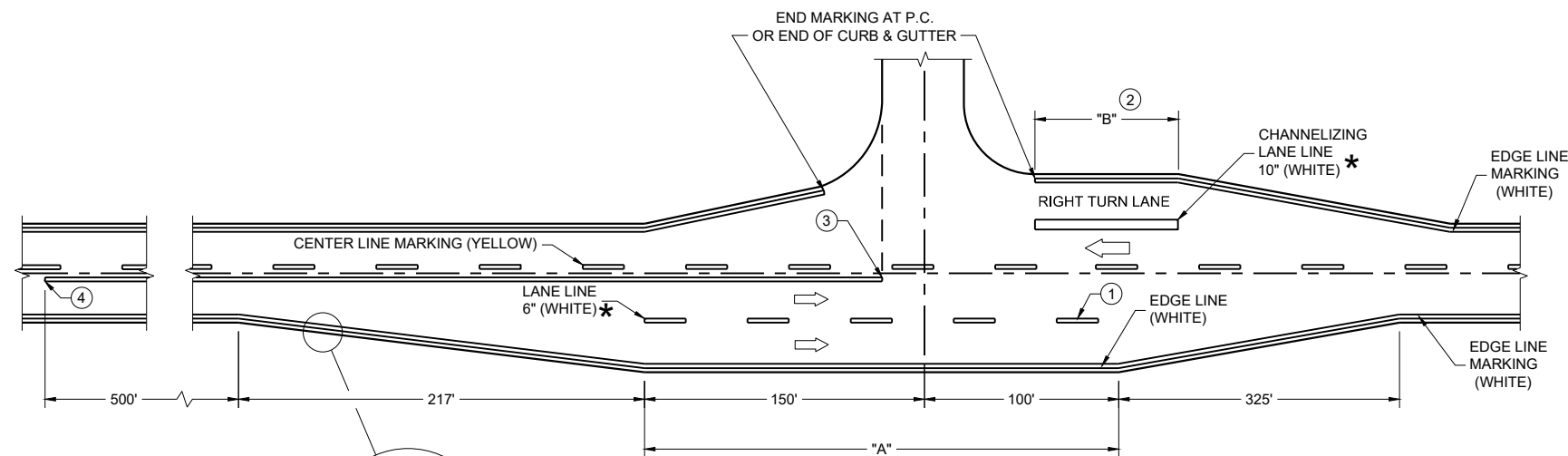
STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING
ENGINEER
FHWA



MINOR INTERSECTION



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

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

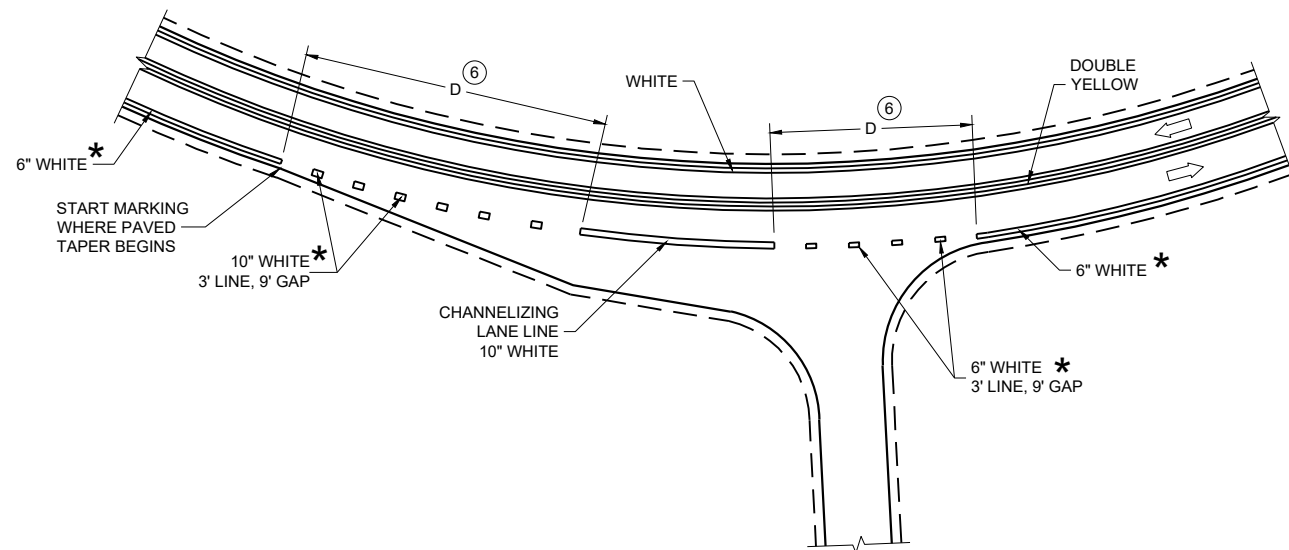
GENERAL NOTES

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.
- ⑤ WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
- ⑥ WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

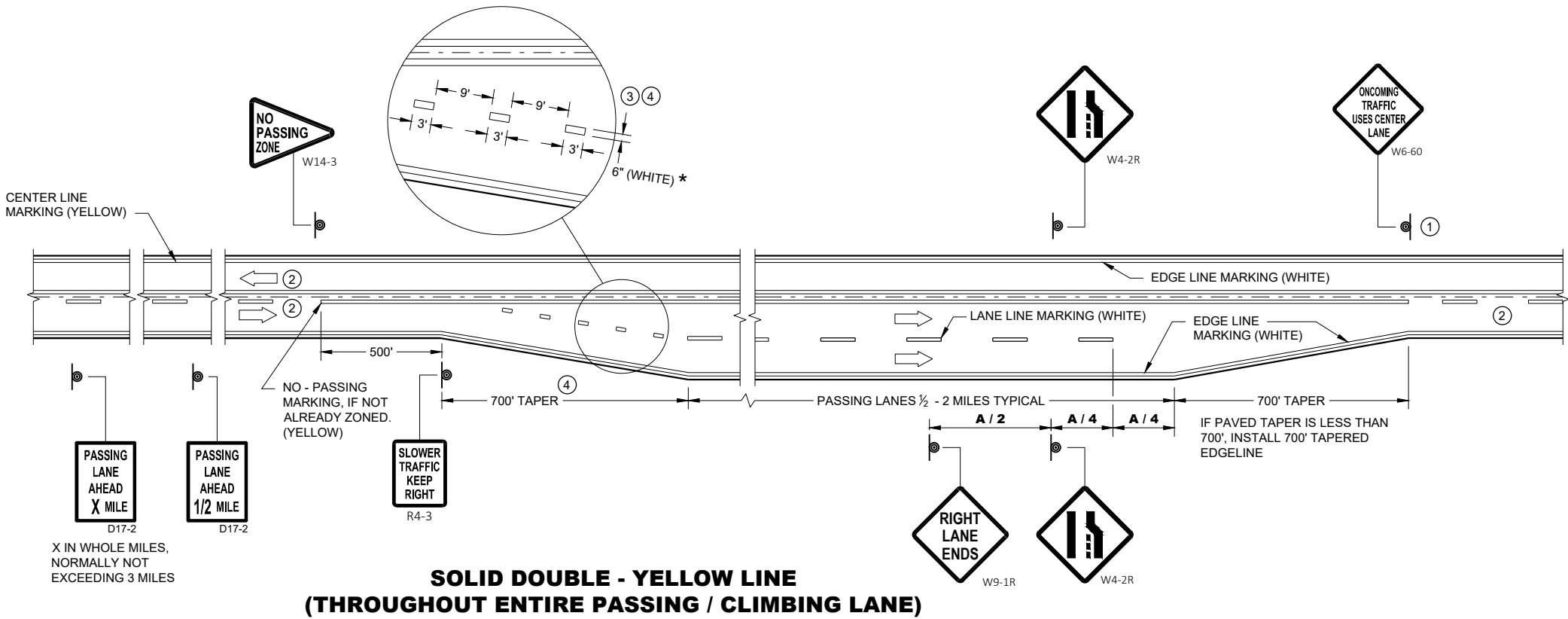
➡ DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



GENERAL NOTES

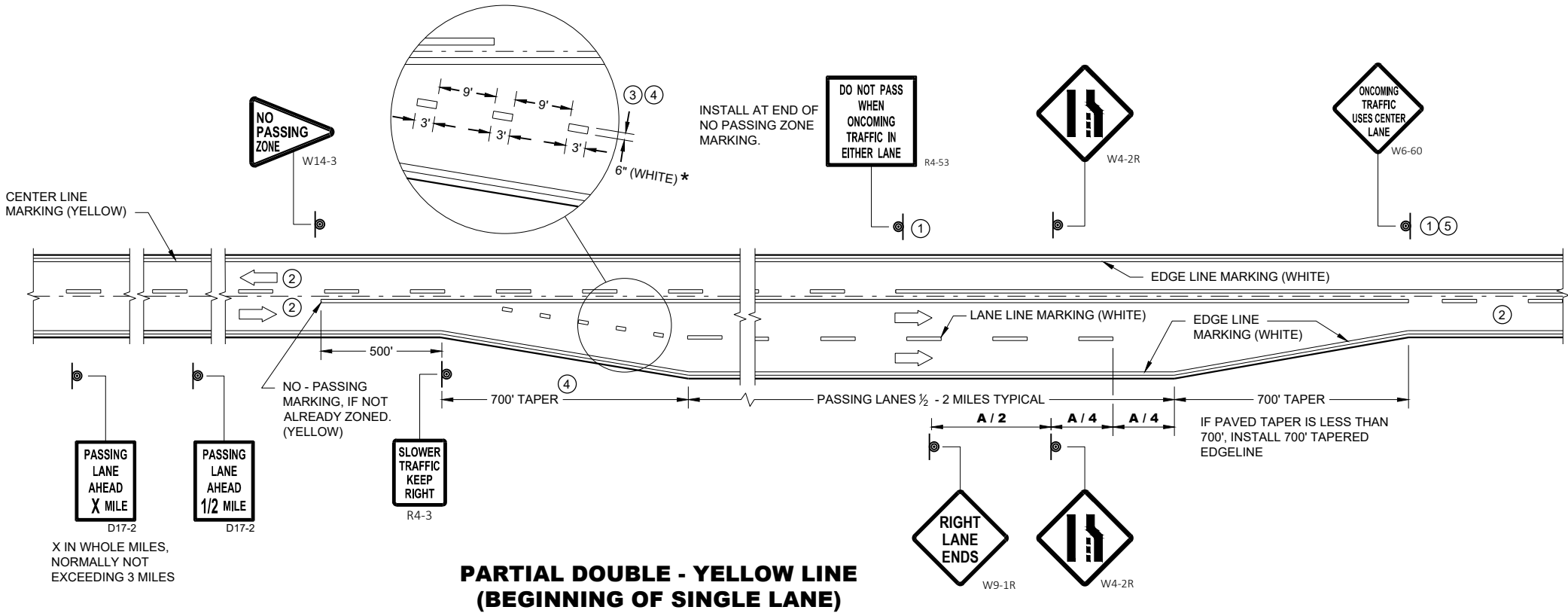
- 1 SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
- 2 THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- 3 THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE, 9' GAP, EXCEPT RETRACE THE EXISTING LINE - 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.
- 5 REPEAT EVERY 1 MILE UP UNTIL R4-53.

ARROW SYMBOL () SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

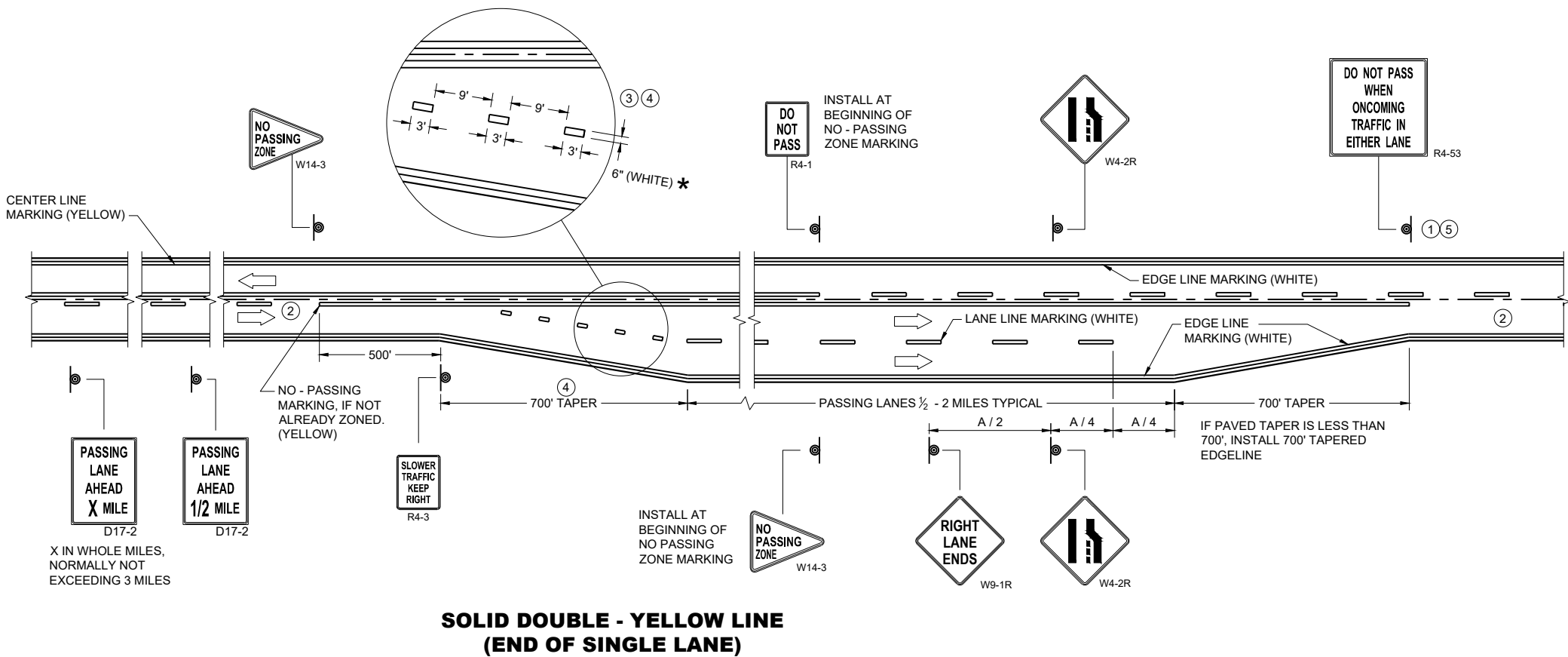
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	775
50	885
55	990

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



PAVEMENT MARKING & SIGNING
(CLIMBING LANE & PASSING LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



GENERAL NOTES

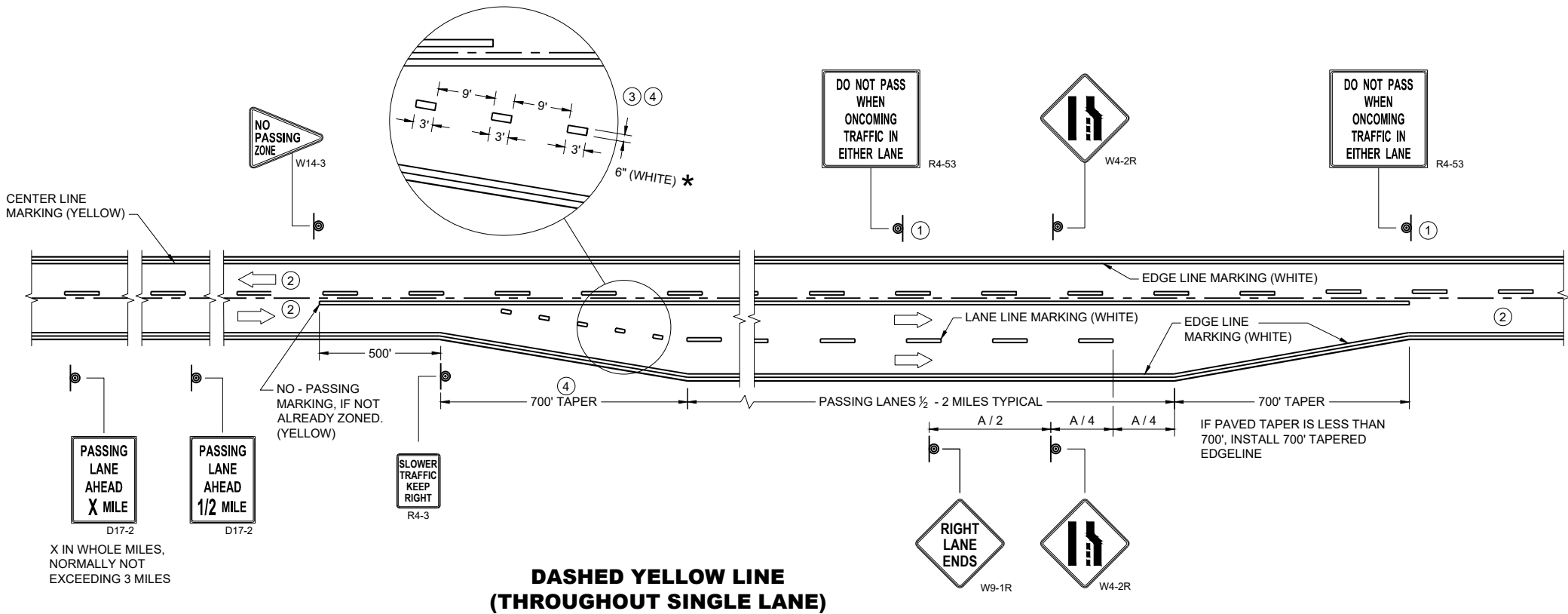
- 1 SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
- 2 THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- 3 THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE, 9' GAP, EXCEPT RETRACE THE EXISTING LINE - 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.
- 5 REPEAT EVERY ONE MILE UP UNTIL NO PASSING ZONE.

ARROW SYMBOL () SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	775
50	885
55	990

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



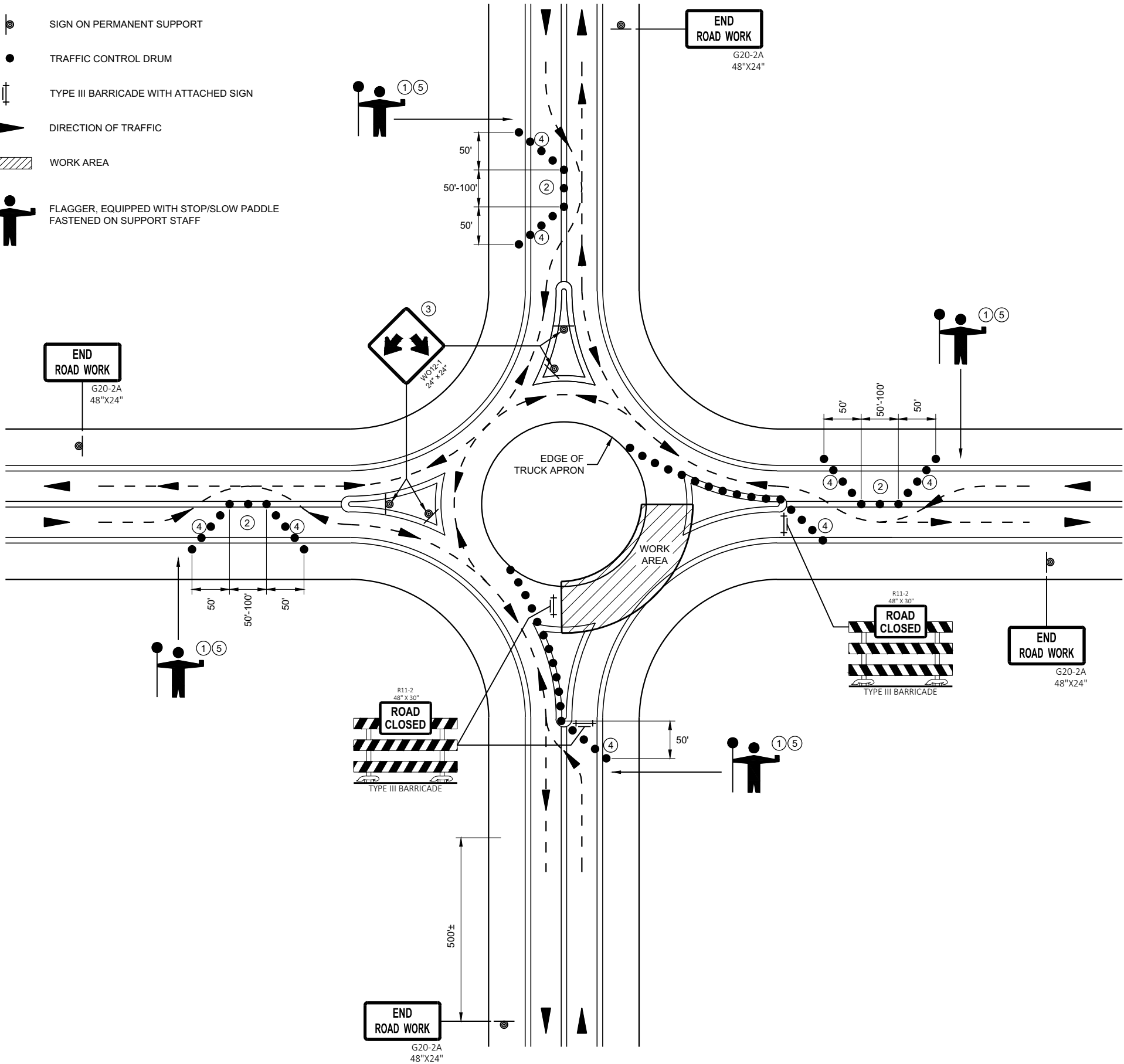
PAVEMENT MARKING & SIGNING (CLIMBING LANE & PASSING LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 /S/ Jeannie Silver
DATE Statewide Pavement Marking Engineer
FHWA

LEGEND

-  SIGN ON PERMANENT SUPPORT
-  TRAFFIC CONTROL DRUM
-  TYPE III BARRICADE WITH ATTACHED SIGN
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF



GENERAL NOTES

ALL SIGNS ARE 48"X48" BLACK ON ORANGE UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE

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

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

ONLY ONE QUADRANT OF TRAFFIC SHALL BE RELEASED AT A TIME.

FLAGGERS SHALL CONTROL TRAFFIC ON ALL APPROACHES OF THE ONE-LANE ROUNDABOUT. ONE FLAGGER SHALL BE DESIGNATED LEAD FLAGGER.

NIGHT TIME WORK REQUIRES ADDITIONAL LIGHTING AT FLAGGER STATION(S).

- 1 FLAGGERS SHALL BE IN DIRECT RADIO CONTACT AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.
- 2 ADJUST CHANNELIZING DEVICES TO ACCOMMODATE FOR TURNING RADIUS OF LARGE VEHICLES AS DIRECTED BY THE ENGINEER.
- 3 GUIDE SIGN WITH ROAD NAMES MAY BE USED IN LIEU OF THE DOUBLE ARROW (W012-1) SIGN.
- 4 THE TWO- WAY TAPER SHOULD BE 50 FEET USING 5 EQUALLY SPACED DRUMS.
- 5 FOLLOW SDD 15C12 FOR FLAGGING AND ADVANCE WARNING.

RECOMMENDED REDUCED DRUM SPACING WITHIN ROUNDABOUT

MPH	DRUM SPACING (FT)
0-40	25
45-55	50

TRAFFIC CONTROL,
FLAGGING OPERATION,
ROUNDABOUT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

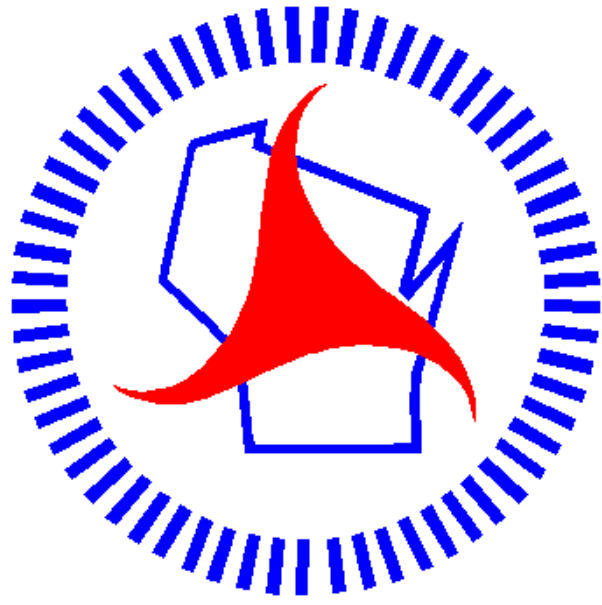
May 2020

DATE

FHWA

/S/ Andrew Heidtke

STATEWIDE WORK ZONE TRAFFIC
SAFETY ENGINEER



Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

<http://www.dot.wisconsin.gov>