

GRE
PROJECT ID:
WITH: N/A

1009-34-36

COUNTY:

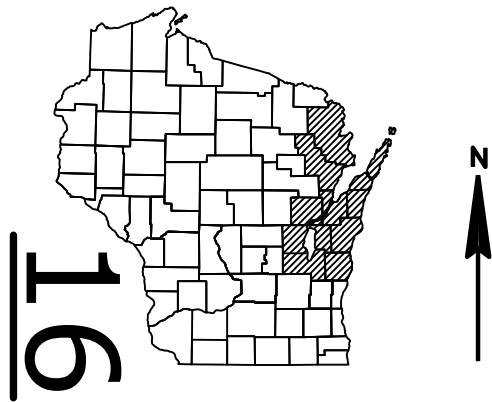
NE REGION WIDE

JANUARY 2024

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.	9	Cross Sections

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	
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)	
UTILITIES	
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

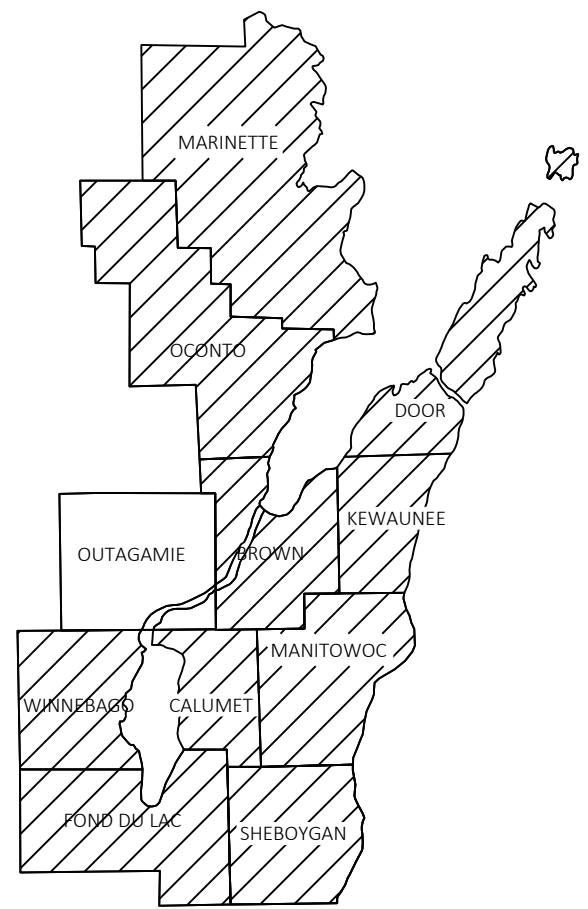
EPOXY PAVEMENT MARKING-STH/USH

LOCATIONS ON STN PER ANNUAL PLN

VAR HWY

NORTHEAST REGION WIDE

STATE PROJECT NUMBER
1009-34-36



BROWN CO	9.50 MILES
CALUMET CO	21.50 MILES
DOOR CO	38.50 MILES
FOND DU LAC CO	43.50 MILES
KEWAUNEE CO	15.50 MILES
MANITOWOC CO	42.00 MILES
MARINETTE CO	57.50 MILES
OCONTO CO	29.50 MILES
SHEBOYGAN CO	20.50 MILES
WINNEBAGO	15.00 MILES
TOTAL	293.00 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
1009-34-36	WISC 2024122	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: 9/26/2023 P.E.
(Signature)

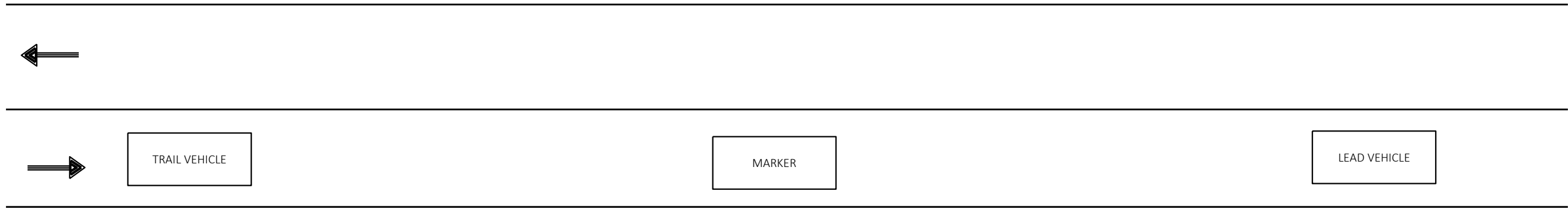
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GENERAL NOTES

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

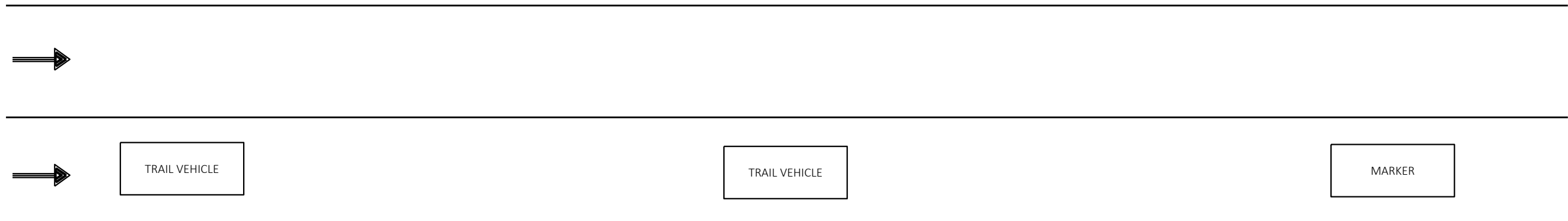
ALL VEHICLES SHALL HAVE FLASHING WARNING LIGHTS, FRONT AND REAR.

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

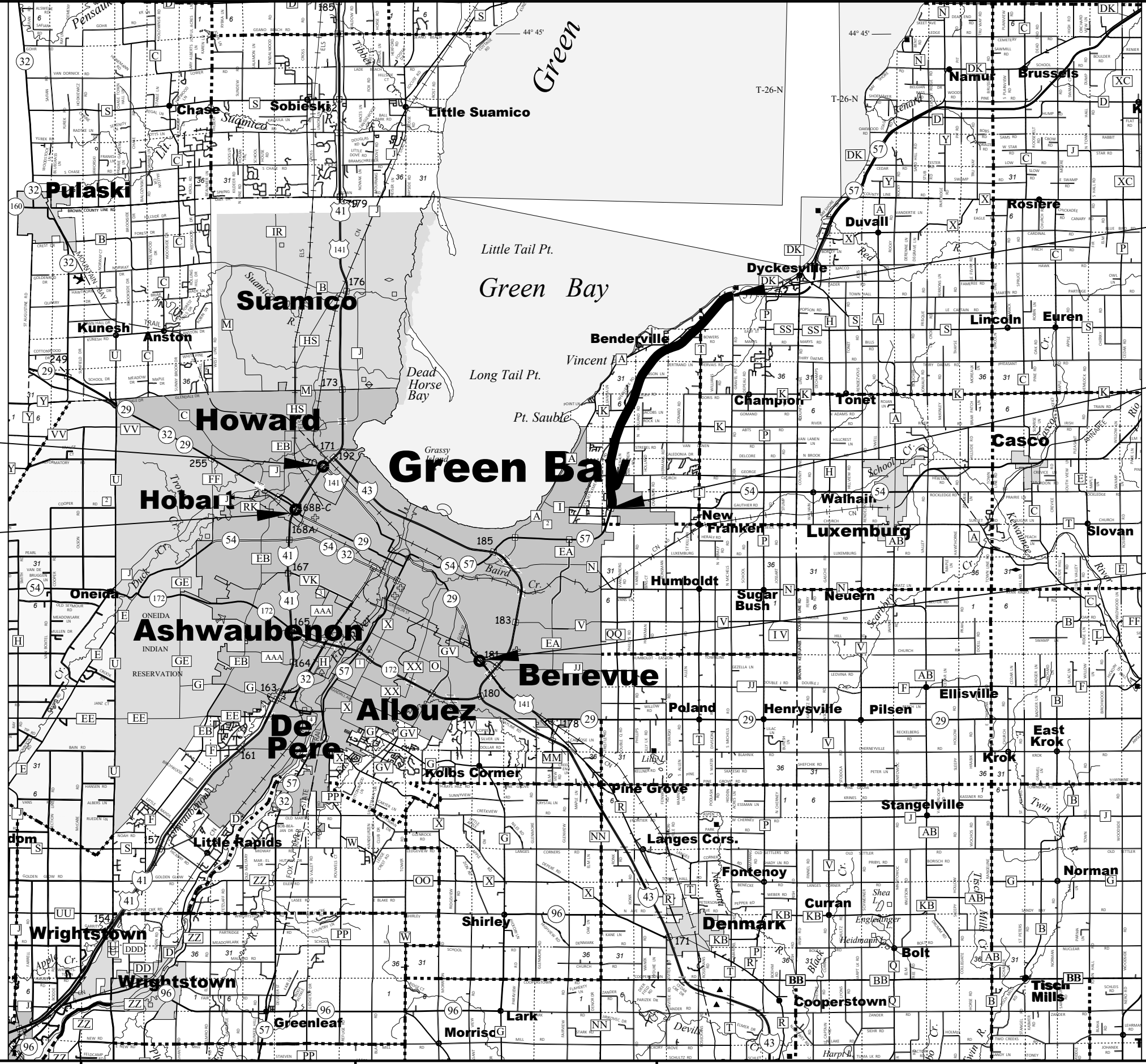


SIGN
 "ROADWAY MARKING"
 * VEHICLE CONVOY
 WET ** LINE

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

SIGN
 "WET PAINT/EPOXY"
 FREQUENT STOPS

DIVIDED ROADWAYS
 (ALL SIGNS AND ARROW BOARDS FACING REAR)



IH 41 @ VEP AVE
(ROUND A BOUT)
LOG MI 0.25

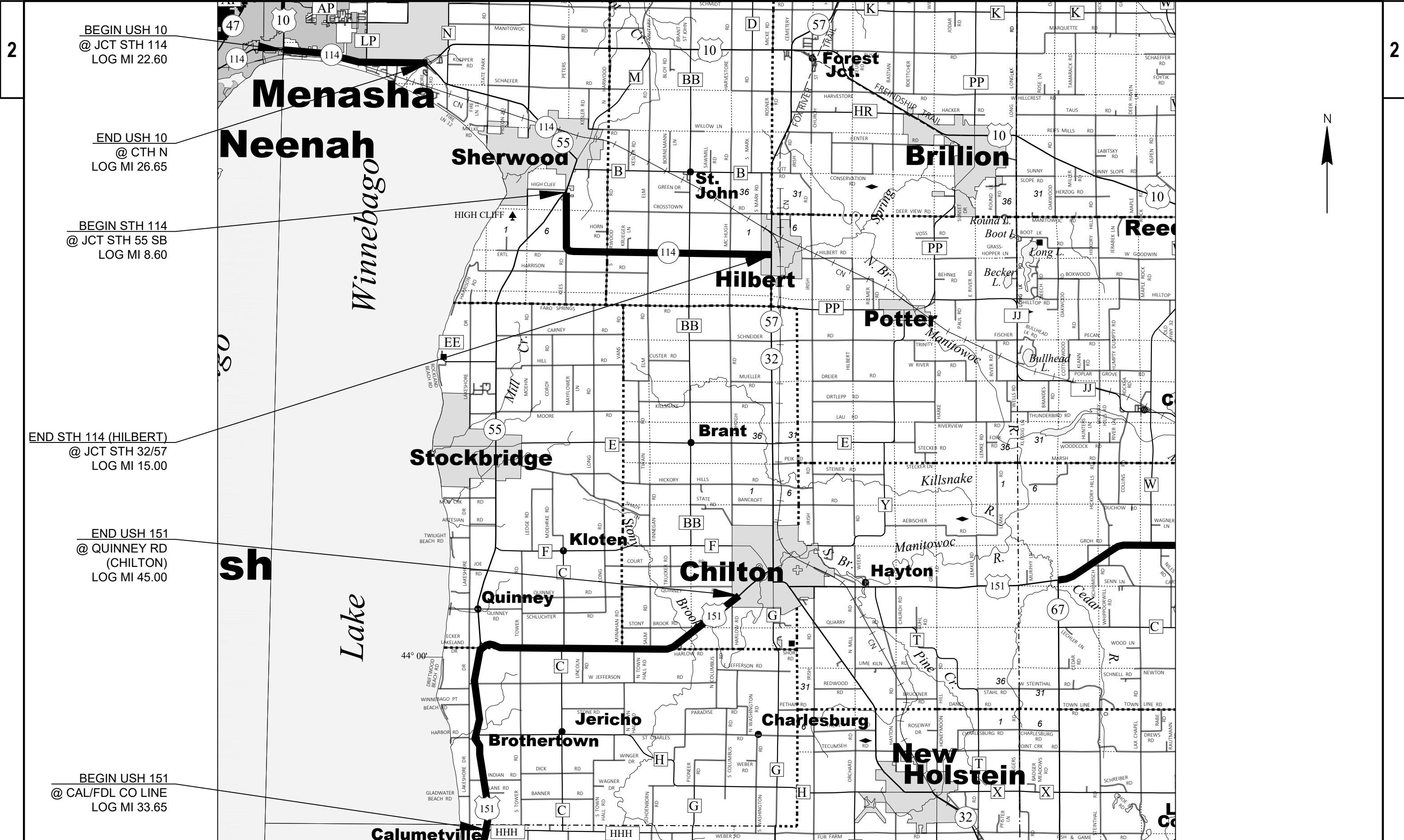
IH 41 @ STH 29
(ROUND A BOUT)
LOG MI 0.50

END STH 57
@ GRAVEL PIT RD
LOG MI 36.95

BEGIN STH 57
@ STH 54 EB
LOG MI 28.65

USH 141
@ STH 29 CTH JJ
(ROUND A BOUT)
LOG MI 0.25

PROJECT NO: 1009-34-36	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET	E
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BEGIN USH 10
@ JCT STH 114
LOG MI 22.60

END USH 10
@ CTH N
LOG MI 26.65

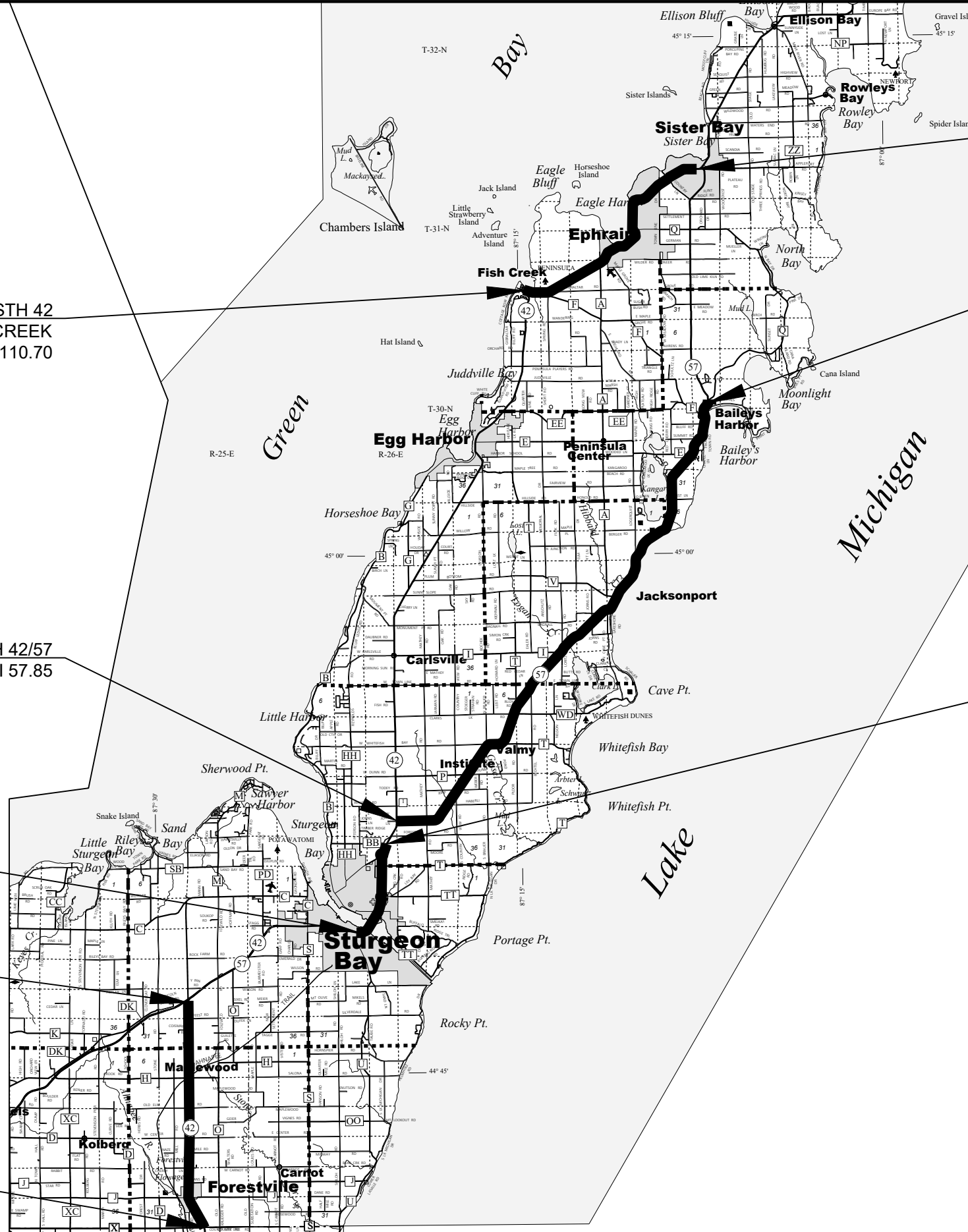
BEGIN STH 114
@ JCT STH 55 SB
LOG MI 8.60

END STH 114 (HILBERT)
@ JCT STH 32/57
LOG MI 15.00

END USH 151
@ QUINNEY RD
(CHILTON)
LOG MI 45.00

BEGIN USH 151
@ CAL/FDL CO LINE
LOG MI 33.65

PROJECT NO: 1009-34-36	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET	E
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BEGIN STH 42
@ FISH CREEK
LOG MI 110.70

END STH 42
@ CONTRY WALK DR
(SISTER BAY)
LOG MI 119.10

END STH 57
@ CTH Q
LOG MI 76.85

BEGIN STH 42/57
LOG MI 57.85

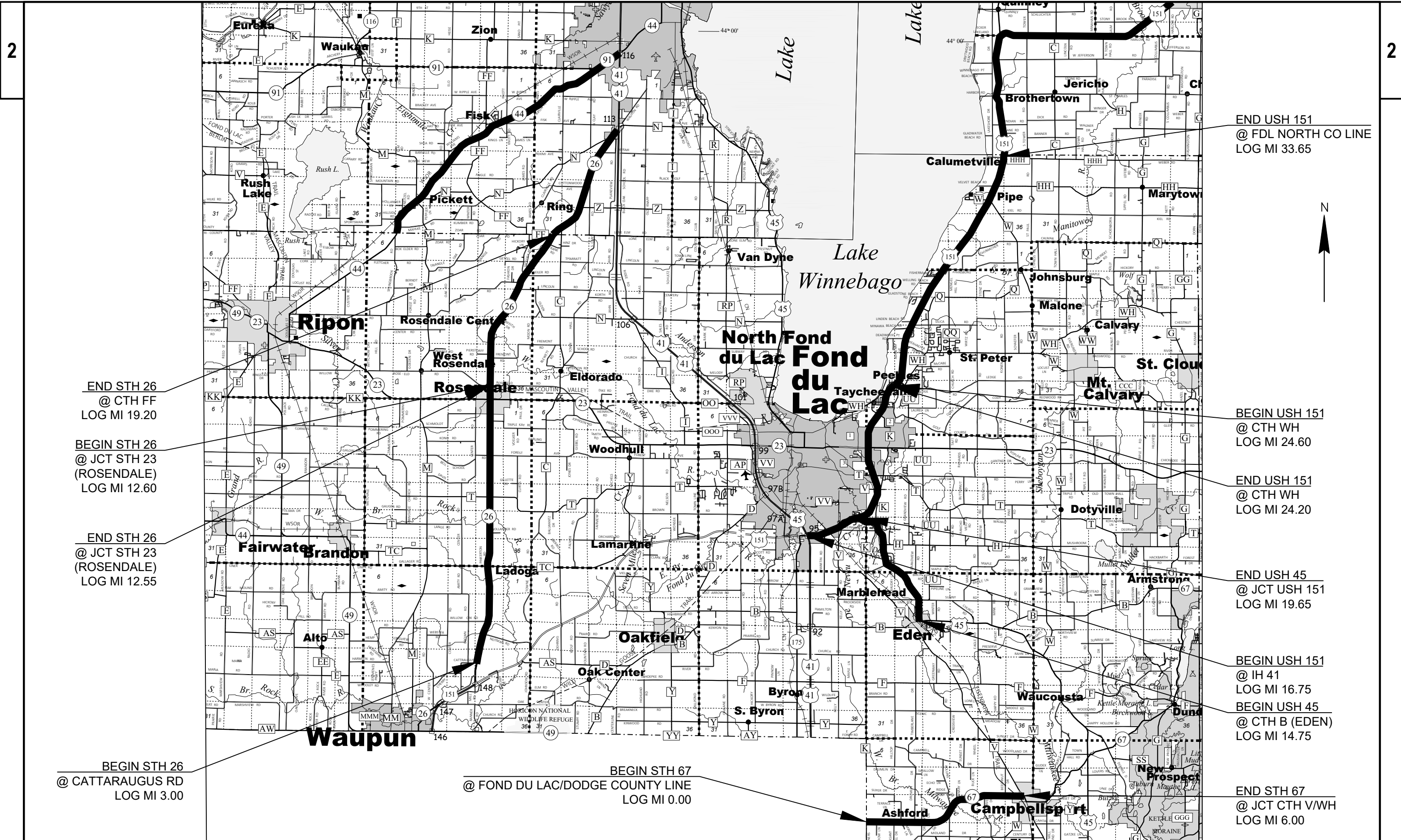
END STH 42
@ JCT BUSINESS 42/57
(ROUND A BOUT)
LOG MI 90.10

BEGIN STH 42
@ CTH U
LOG MI 87.20

END STH 42
@ S. JCT STH 42/57
LOG MI 80.51

BEGIN STH 42
@ CTH X
DOOR/KEW CO LINE
LOG MI 72.78

PROJECT NO: 1009-34-36	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET	E
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END STH 26
@ CTH FF
LOG MI 19.20

BEGIN STH 26
@ JCT STH 23
(ROSENDALE)
LOG MI 12.60

END STH 26
@ JCT STH 23
(ROSENDALE)
LOG MI 12.55

BEGIN STH 26
@ CATTARAUGUS RD
LOG MI 3.00

BEGIN STH 67
@ FOND DU LAC/DODGE COUNTY LINE
LOG MI 0.00

END USH 151
@ FDL NORTH CO LINE
LOG MI 33.65

BEGIN USH 151
@ CTH WH
LOG MI 24.60

END USH 151
@ CTH WH
LOG MI 24.20

END USH 45
@ JCT USH 151
LOG MI 19.65

BEGIN USH 151
@ IH 41
LOG MI 16.75

BEGIN USH 45
@ CTH B (EDEN)
LOG MI 14.75

END STH 67
@ JCT CTH V/WH
LOG MI 6.00

PROJECT NO: 1009-34-36	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET	E
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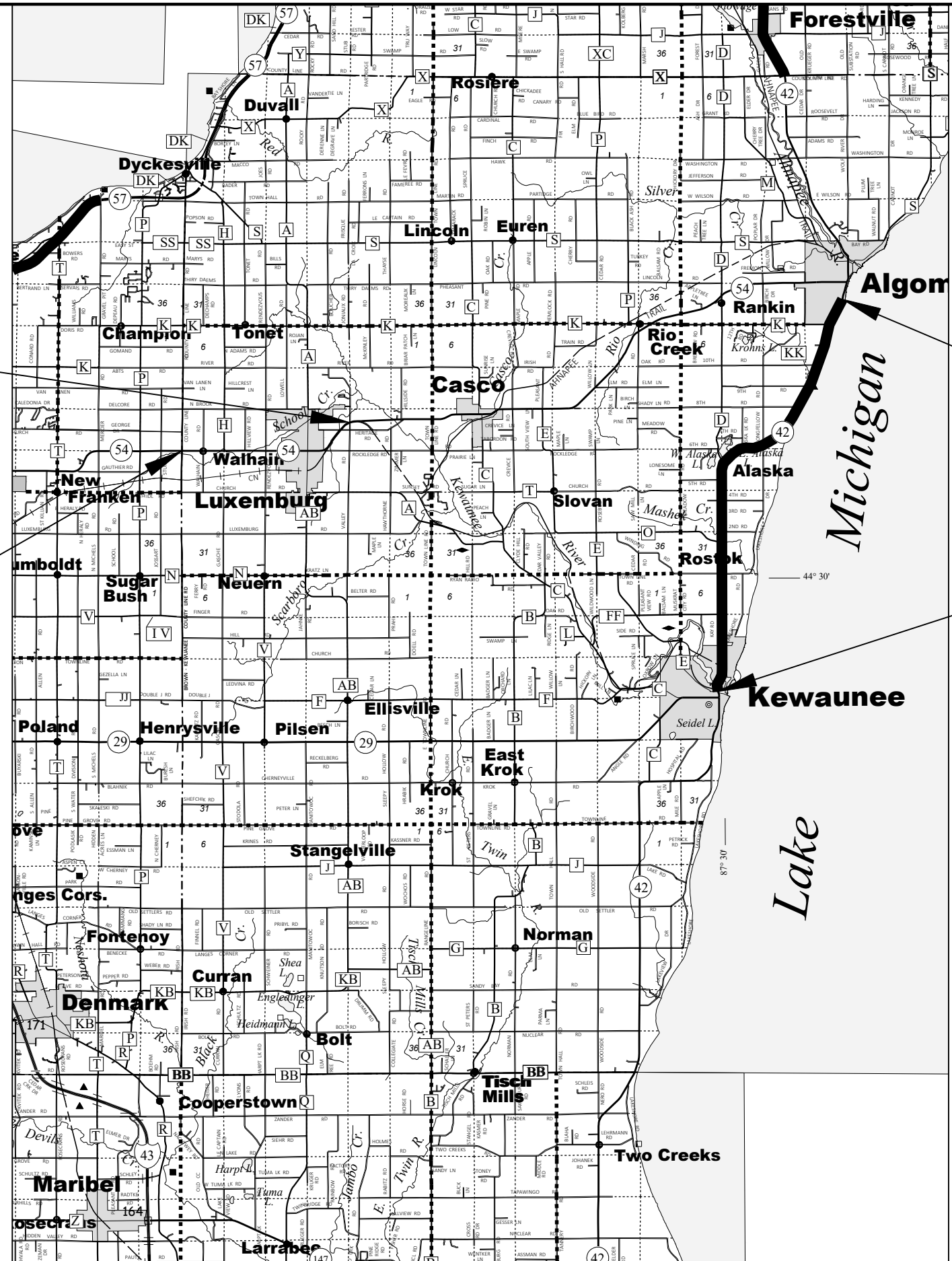


END STH 54
@ VALLEY RD
LOG MI 54.00

BEGIN STH 54
@ BROWN/KEW CO LINE
LOG MI 49.62

END STH 42
@ FELD ST
LOG MI 66.90

BEGIN STH 42
@ CTH E
LOG MI 56.20





BEGIN USH 8
@ MARINETTE CO LINE
LOG MI 0.00

END USH 141
@ CTH C (WAUSAUKEE)
LOG MI 55.25

END USH 8
@ USH 141
LOG MI 23.50

BEGIN USH 141
@ CTH X (MIDDLE INLET)
LOG MI 48.75

END USH 141
@ CTH X (MIDDLE INLET)
LOG MI 48.75

BEGIN USH 141
@ CTH W (CRIVITZ)
LOG MI 44.50

END USH 141
@ CTH W (CRIVITZ)
LOG MI 44.75

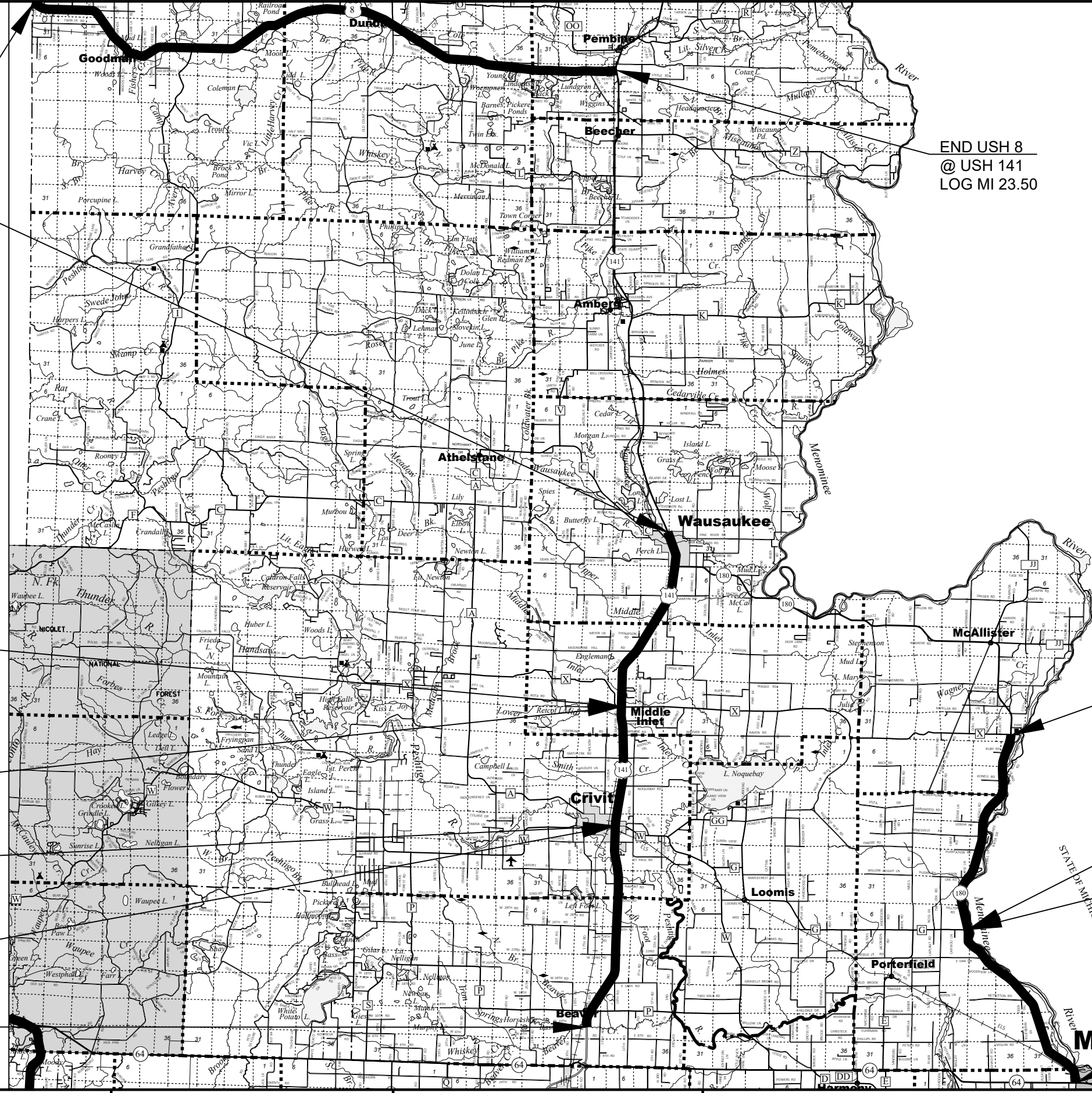
BEGIN USH 141
@ END DIVIDED
HIGHWAY (BEAVER)
LOG MI 36.75

END STH 180
@ CTH X
LOG MI 14.50

BEGIN STH 180
@ CTH G
LOG MI 7.00

END STH 180
@ CTH G
LOG MI 7.00

BEGIN STH 180
@ STH 64 (JCT 64/180)
LOG MI 0.00



PROJECT NO: 1009-34-36

HWY: VARIES

COUNTY: VARIES

PAVEMENT MARKING LOCATION MAP

SHEET

E



END STH 32
@ CTH F
(LAKEWOOD)
LOG MI 141.30

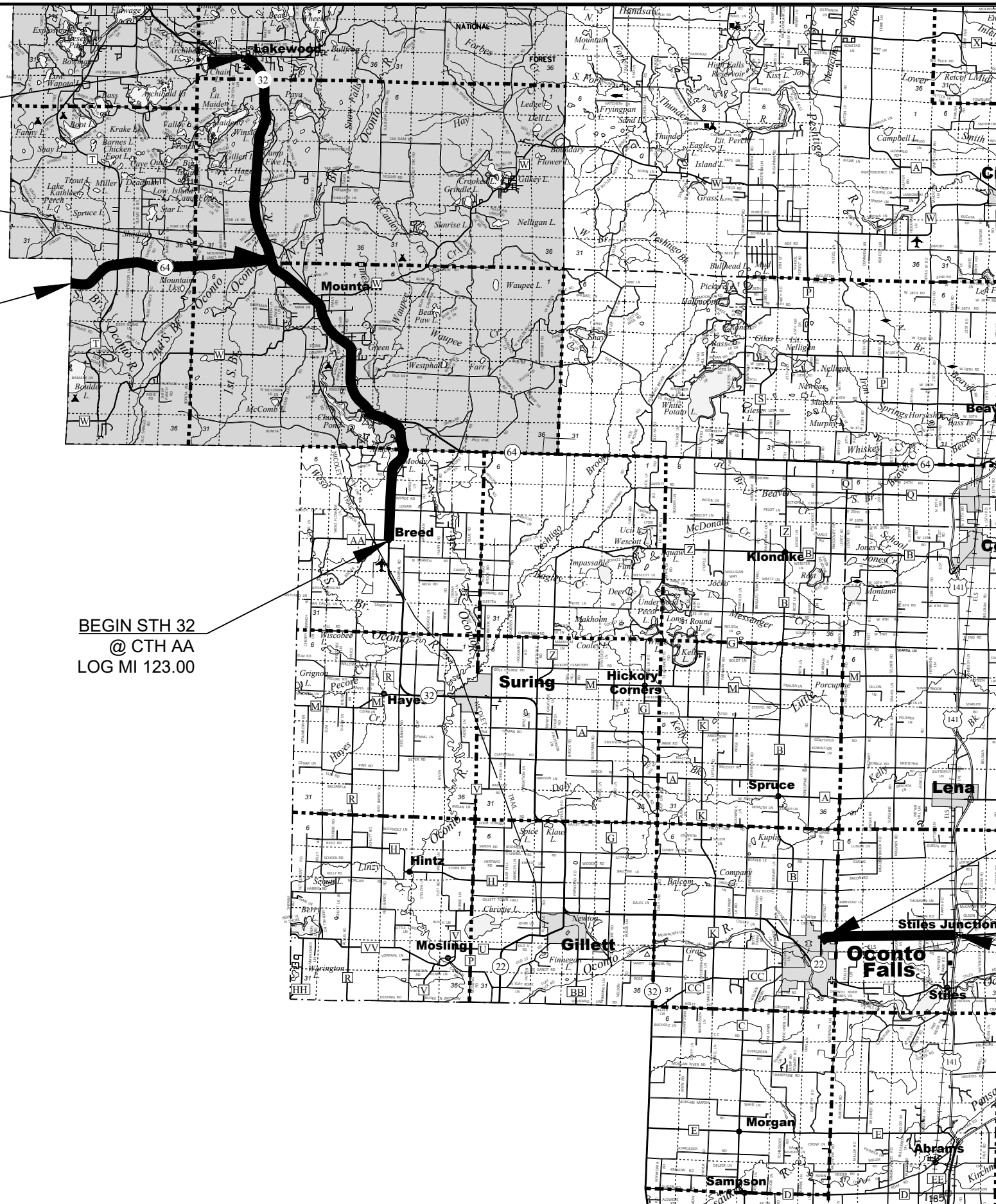
END STH 64
@ JCT STH 32
LOG MI 6.78

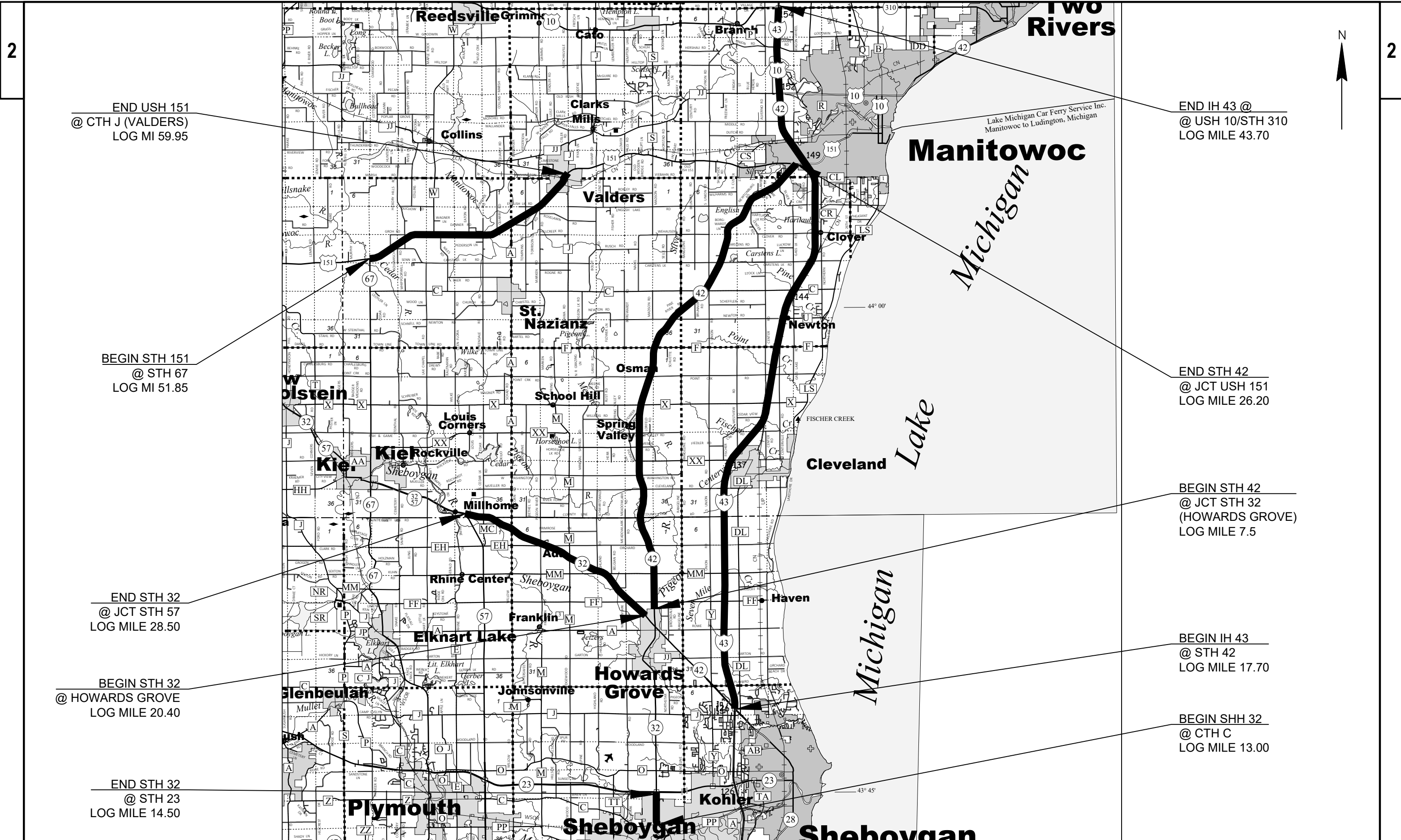
BEGIN STH 64
@ OCONTO CO LINE
LOG MI 0.00

BEGIN STH 32
@ CTH AA
LOG MI 123.00

BEGIN STH 22
@ OCONTO FALLS
LOG MI 14.00

END STH 22
@ USH 141
LOG MI 18.50





END USH 151
@ CTH J (VALDERS)
LOG MI 59.95

END IH 43 @
@ USH 10/STH 310
LOG MILE 43.70

BEGIN STH 151
@ STH 67
LOG MI 51.85

END STH 42
@ JCT USH 151
LOG MILE 26.20

BEGIN STH 42
@ JCT STH 32
(HOWARDS GROVE)
LOG MILE 7.5

END STH 32
@ JCT STH 57
LOG MILE 28.50

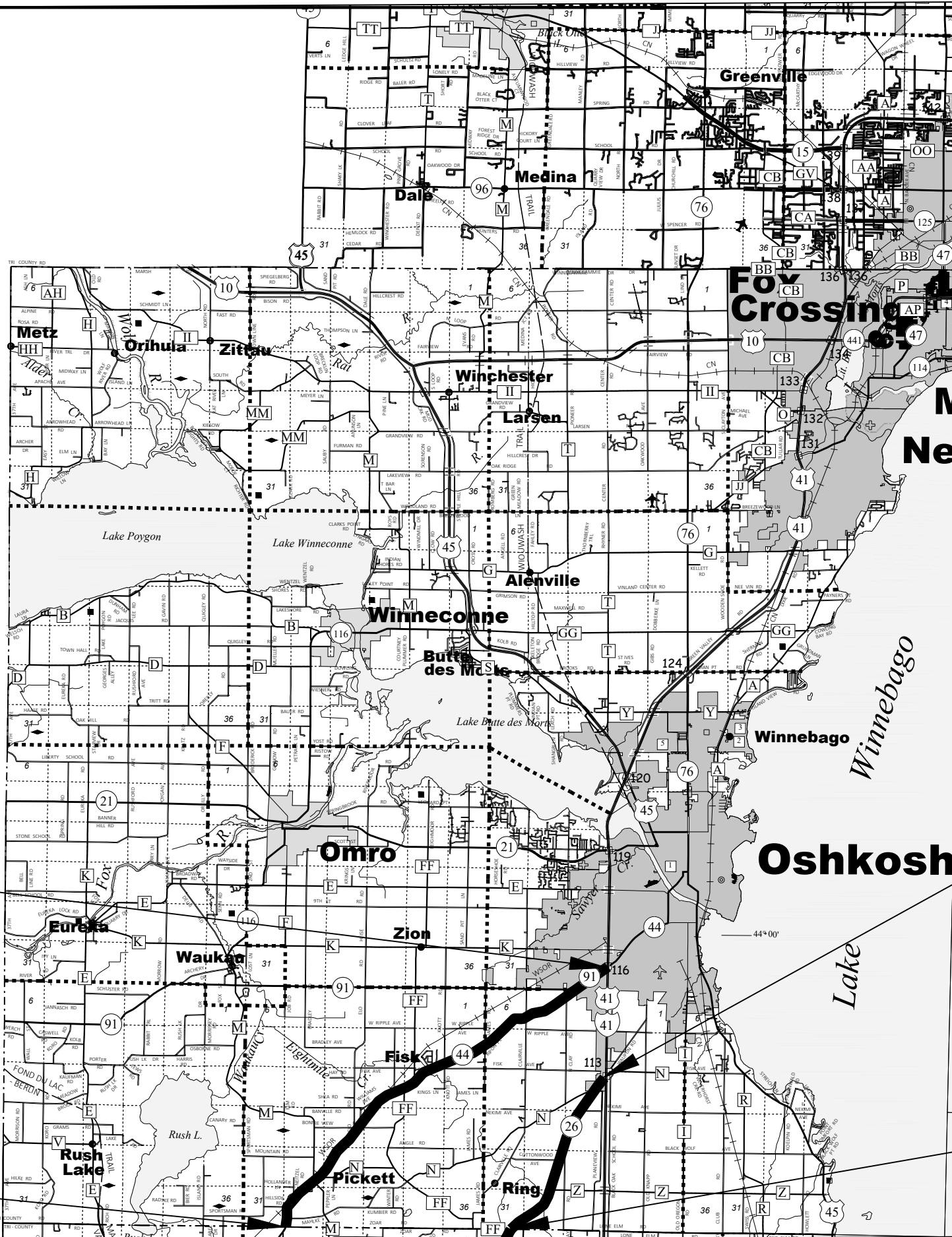
BEGIN IH 43
@ STH 42
LOG MILE 17.70

BEGIN STH 32
@ HOWARDS GROVE
LOG MILE 20.40

BEGIN SHH 32
@ CTH C
LOG MILE 13.00

END STH 32
@ STH 23
LOG MILE 14.50

PROJECT NO: 1009-34-36	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET	E
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END STH 44
@ JCT IH 41
(EAST RAMPS)
LOG MI 26.90

END STH 26
@ IH 41
LOG MI 23.95

BEGIN STH 44
@ FOND DU LAC CO LINE
LOG MI 17.00

BEGIN STH 26
@ CTH FF
LOG MI 19.20

PROJECT NO: 1009-34-36	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET	E
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Estimate Of Quantities

1009-34-36

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	3,387,590.000	3,387,590.000
0006	646.4020	Marking Line Epoxy 10-Inch	LF	43,375.000	43,375.000
0008	646.5020	Marking Arrow Epoxy	EACH	111.000	111.000
0010	646.5120	Marking Word Epoxy	EACH	37.000	37.000
0012	646.5320	Marking Railroad Crossing Epoxy	EACH	14.000	14.000
0014	646.6120	Marking Stop Line Epoxy 18-Inch	LF	1,345.000	1,345.000
0016	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	408.000	408.000
0018	SPV.0060	Special 01. Traffic Control 1009-34-36	EACH	1.000	1.000

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH SOLID YELLOW LF	REMARKS
USH 8		24.00		
From: Marinette WCL	0.00			Marinette / Forest County Line
To: USH 141	23.50			Jct USH 141 Pembine
East Bound				
Center Line			150,000	
TOTAL			150,000	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH		REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	
STH 57		8.50			
From: STH 54	28.65				Jct STH 54 EB / STH 57 NB
To: Gravel Pit Rd	36.95				Gravel Pit Rd / Bay Shore Park
North Bound			43,500	43,500	Left , Right Edge Lines
South Bound			43,500	43,500	Left , Right Edge Lines
SUB-TOTALS			87,000	87,000	
TOTALS				174,000	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH SOLID WHITE LF	646.4020 EPOXY 10-INCH SOLID WHITE LF	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS
STH 32		8.00				
From: STH 42	20.40					Howards Grove
To: STH 57	28.50					Jct STH 57 Millhome
NORTH BOUND			40,000			Edge Line
CTH M				200		Rt Turn
SOUTH BOUND			40,000			Edge Line
CTH M				200		Rt Turn
STH 42					20	Stop bar
TOTAL			80,000	400	20	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH		646.4020	646.5020	646.5120	646.6120	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH SOLID WHITE LF	ARROWS EPOXY TYPE 2 EACH	WORDS EPOXY (ONLY) EACH	STOP LINE EPOXY 18-INCH LF	
USH 10		4							
From: STH 114	22.60								Jct USH 10 / STH 114 Waverly Beach
TO: CTH N	26.65								Round a bout
EAST BOUND			20,550	25,000					Edgelines / laneline / Two Way Turn Lane / Center line
Jct STH 114					30				Dual turn at Jct STH 114
Fire Lane # 3					100				Lt turn Median
Fire Lane # 4					100				Lt turn Median
Fire Lane # 5					100				Lt turn Median
Fire Lane # 6					100				Lt turn Median
Fire Lane # 7					100				Lt turn Median
CTH LP					400			15	Lt Turn Island Gore / Stop Bar
On CTH LP								30	Stop bar on CTH LP
Median					345				Lt turn Median
South Coop Rd					100				Lt turn Median
Jct STH 114			1,750	2,350	560				Exit Gore / Rt , Lt Ramp Edge Lines
Frontage Rd					100				Left Turn
WEST BOUND			20,700	16,000					Edgeline / laneline
Ramp from STH 114 WB to US 10 EB			1,200	730					Rt / Lt Ramp Edge Lines to US 10 EB
Split USH 10 EB / USH 10 WB					550				Ramp Gore @ split 114WB / USH 10 EB
STH 114 WB to US 10 EB								20	Stop Bar Btm of Ramp to US 10 EB
Enter to STH 114 WB			3,900	4,050					Rt / Lt Ramp Edge Lines to US 10 WB
Jct STH 114					635				Entry Gore from STH 114 WB
To frontage Rd					100				Lt turn Median
Eisenhower Dr					350				Rt Turn
CTH LP					535			20	Left Turn Gore / Rt Turn
On CTH LP								30	Stop bar on CTH LP
Fire Lane # 7					100				Lt turn Median
Fire Lane # 6					100				Lt turn Median
Fire Lane # 5					100				Lt turn Median
Fire Lane # 4					300				Rt , Lt Turn
Fire Lane # 3					100				Lt Turn
Fire Lane # 2					100				Lt Turn
Jct STH 114 / USH 10					530	4	2	50	Lt , Rt Turn
SUBTOTAL			48,100	48,130	5,535	4	2	165	
TOTAL			96,230		5,535	4	2	165	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH			646.4020	646.5020	646.5120	646.6120	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH SOLID WHITE LF	ARROWS EPOXY TYPE 2 EACH	WORDS EPOXY (Only) EACH	STOP LINE EPOXY 18-INCH LF	
STH 26		9.50								
From: USH 151	3.00									Cattaraugus Rd
To: STH 23	12.55									Jct STH 23 / Rosendale
North Bound										
Center Line / Edge Line			47,250		86,000					Center Line / Edge Line
Medium						60				Lt Turn
Neitman Rd						250				Rt Turn / dashes
Willow Creek Rd						450	4	3		Lt Turn Lane
Flint Hills Industry				65						Bypass Lane
CTH TC						400			65	Jct CTH TC (apply stop bars) Rt Turn / dashes
Passing Lane				1,000						Lane Line
CTH T						325			60	Jct CTH T (apply stop bars) Rt Turn / dashes
Forest Ave						240				
Taylor Park St						50	1			Lt Turn Lane
STH 23						320	1	1	40	Lt Turn Lane / Island Gore
South Bound			47,250							
Edge Line										
Marchant Rd / Old CTH K K				190						Bypass Lane
Forest Ave						230				Rt Turn / dashes
CTH T						340			65	Rt Turn / dashes (apply stop bars)
CTH TC						400			65	Jct CTH TC (apply stop bars) Rt Turn / dashes
Passing Lane				1,000						Lane Line
Willow Creek Rd						235				Rt Turn / dashes
Neitman Rd				40						Bypass Lane
Cattaraugus Rd				115		270			25	Lane Line / Rt & Lt Turns (apply stop bar)
SUB-TOTALS			94,500	2,410	86,000	3,570	6	4	320	
TOTALS				182,910		3,570	6	4	320	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH			646.4020	646.5020	646.5120	646.6120	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	SOLID WHITE LF	ARROWS EPOXY TYPE 2 EACH	WORDS EPOXY (Only) EACH	STOP LINE EPOXY 18-INCH LF	
STH 26		6.50								
From: STH 23	12.60									Jct STH 23 / Rosendale
To: CTH FF	19.20									Fond du lac / Winnebago Co Line
North Bound										
Center Line / Edge Line			33,000		70,000					Center Line / Edge Line
Passing Lane				560						Passing Lane / Lane Line
Olden Rd						235				Rt Turn w / dashes
Olden Rd				65						Bypass Lane
Passing Lane				660						Passing Lane / Lane Line
CTH FF				65						Bypass Lane
South Bound										
Edge Line			33,000							Edge Line
CTH FF								25		Stop Bar
Passing Lane				715						Passing Lane / Lane Line
Hickory Rd						230				Rt Turn w / dashes
Olden Rd						230				Rt Turn w / dashes
South Jct Olden Rd				65						Bypass Lane
Passing Lane				660						Passing Lane / Lane Line
Fremont Rd				50						Bypass Lane
Rose Eld Rd						250				Rt Turn w / dashes
Jct STH 23 / Rosendale						320	1	1	40	Lt Turn / Island Gore / Stop Bar
SUB-TOTALS			66,000	2,840	70,000	1,265	1	1	65	
TOTALS				138,840		1,265	1	1	65	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020			646.4020	646.5020	646.5120	646.6120	REMARKS
			DASHED WHITE LF	EPOXY 6-INCH SOLID WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH SOLID WHITE LF	ARROWS EPOXY TYPE 2 EACH	WORDS EPOXY (ONLY) EACH	STOP LINE EPOXY 18-INCH LF	
STH 26		5								
From: CTH FF	19.20									Fond du lac / Winnebago Co Line
To: IH 41	23.95									Jct IH 41 North Bound on Ramp
North Bound					35,500					Center line
Planeview Dr				1,685						Edge Line from Planeview End grooved to North Ramps IH 41
Planeview Dr						595				Rt / Lt turns End Grooved
Planeview Dr			500							Lane Line end grooved to North IH 41 Ramp
Planeview Dr								60		Stop Line South Side of Planeview
IH 41 South Bound						200				Right Turn
IH 41 North Bound						600	2	2		Left Turn
South Bound										
IH 41 North Bound				1,640						Edge Line from IH 41 North Ramp to Begin grooved South of Planeview
IH 41 South Bound						150	1	1		Left Turn
North Ramp IH 41			500							Lane Line to Begin grooved South of Planeview
Planeview Dr						570				Rt / Lt Turns
Planeview Dr								25		Stop Line North Side of Planeview
SUB-TOTALS			1,000	3,325	35,500	2,115	3	3	85	
TOTAL				39,825		2,115	3	3	85	

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH			REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	
STH 42		11				
From: Kewaunee	56.20					CTH E
To: Algoma	66.90					Feld St
North Bound					52,000	Centerline
CTH E to Pvmt Change			4,200			Edge line / CTH E to Pvmt Change North of Du Vall St
South Bound						
Pvmt Change to CTH E			4,600			Edge line / Pvmt Change North of Du Vall St to CTH E
Bypass Lane				65		DuVall St
SUB-TOTALS			8,800	65	52,000	
TOTAL				60,865		

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH		646.4020 EPOXY 10-INCH	646.6120 STOP LINE EPOXY 18-INCH	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	SOLID WHITE LF	LF	
STH 42		8					
From: Door / Kew Co line	72.78						Door / Kew Co line (CTH X)
To: Jct STH 42 / 57	80.51						South Jct STH 42 / 57
North Bound				24,500			Centerline
Pvmt Change South of Jct STH 57			800		425		Edgeline / Island Gore
Stopline						15	At Jct STH 42 / 57
South Bound							
Pvmt Change South of Jct STH 57			800				Edgeline to Pvmt Change
SUB-TOTALS			1,600	24,500	425	15	
TOTALS			26,100		425	15	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH			646.4020	646.6120	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH SOLID WHITE LF	STOP LINE EPOXY 18-INCH LF	
STH 42		3.00						
From: CTH U	87.20							South Side of Bay View Bridge
To: 42 / 57 Business RAB	90.10							North of STH 42 / STH 57 Business RAB pvmt change
North Bound			18,000		36,225			Right / Left Edge Lines / Center line
Bay View Bridge							15	On Bay View Bridge
Utah St				75		420		Right Turn / Left Turn Bay
CTH T				75		420		Right Turn / Left Turn Bay
South Bound			18,000					Right Edge Line
CTH T				75		350		Right Turn / Left Turn Bay
Utah St				75		350		Right Turn / Left Turn Bay
Bay View Bridge							15	On Bay View Bridge
SUBTOTAL			36,000	300	36,225	1,540	30	
TOTAL				72,525		1,540	30	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH		REMARKS
			SOLID YELLOW LF		
STH 57		19.00			Door County
From: Mid Jct STH 42 / 57	57.85				Sturgeon Bay
To: CTH Q	76.85				Baileys Harbor / CTH Q
North Bound			128,500		Center line
TOTAL			128,500		

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.2020 6-INCH SOLID YELLOW LF		REMARKS
STH 42		8.5			
From: Fish Creek	110.70				Main St
To: Sister Bay	119.10				Pvmt Change North of County walk Dr
Northbound			64,100		Center Line
TOTAL			64,100		

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH			REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	
IH 43		26.00				
From: STH 42	17.70					STH 42 Exit 128
To: USH 10 / STH 310	43.70					USH 10 West Bound / STH 310
North Bound						
Main Line			128,100		137,100	Edge Lines / Lane Line
CTH XX Exit Ramp			1,980	35	1,300	Exit Ramp Edge Lines
CTH XX On Ramp			2,170		950	On Ramp Edge Lines
CTH C Exit Ramp			1,670	35	1,000	Exit Ramp Edge Lines
CTH C On Ramp			2,270		1,000	On Ramp Edge Lines
USH 151 Exit Ramp			1,500	35	1,110	Exit Ramp Edge Lines
USH 151 On Ramp			2,270		1,000	On Ramp Edge Lines
USH 10 East Exit Ramp			1,560	35	1,090	Exit Ramp Edge Lines
USH 10 East On Ramp			2,450		1,090	On Ramp Edge Lines
USH 10 West Exit Ramp			1,850	35	1,300	Exit Ramp Edge Lines
South Bound						
Main Line			126,350		137,300	Edge Lines / Lane Line
USH 10 West Exit Ramp			1,580	35	1,090	USH 10 West Exit Ramp Edge Lines
USH 10 West On Ramp			2,480		1,070	USH 10 West On Ramp Edge Lines
USH 10 East Exit Ramp			1,745	35	1,245	Exit Ramp Edge Lines
USH 10 East On Ramp			2,360		965	On Ramp Edge Lines
USH 151 Exit Ramp			1,595	35	1,180	Exit Ramp Edge Lines
USH 151 On Ramp			2,265		970	On Ramp Edge Lines
CTH C Exit Ramp			1,755	35	1,000	Exit Ramp Edge Lines
CTH C On Ramp			2,210		900	On Ramp Edge Lines
CTH XX Exit Ramp			1,530	35	1,060	Exit Ramp Edge Lines
CTH XX On Ramp			2,270		1,000	On Ramp Edge Lines
STH 42 Exit Ramp			1,800	35	1,215	Exit Ramp Edge Lines
SUB-TOTALS			293,760	385	295,935	
TOTALS				590,080		

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH		646.4020	646.5020	646.5120	646.6120	REMARKS
			DASHED WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH SOLID WHITE LF	EPOXY ARROWS (TYPE 2) EACH	EPOXY WORD (ONLY) EACH	Stop Line EPOXY 18-INCH LF	
STH 44		10							
From: Winn / FDL Co Line	17.00								Winnebago South County Line
To: East Ramps IH 41	26.90								East Ramps IH 41 Oshkosh
North Bound									
Edge Line / Center Line				49,000					Center Line W / Rumble Strip
STH 91 to East Ramps IH 41			1,350		210				Lane Line / Left Turn STH 91
Universal St					100				Left Turn
Washburn St					425		50		Lt / Rt Turns Stop Line
IH 41 South Bound Ramp					210		30		Rt Turn
IH 41 NB On Ramp					580	3	3	50	Left Turn / Stop Bar
South Bound									
Lane Line			1,350						East Ramps IH 41 to STH 91
IH 41 South Bound					600	3	3	50	Left Turn / Stop Bar
Washburn St					420		50		Lt / Rt Turn / Stop Bar
Universal St					150				Left Turn
STH 91					100				Left Turn
SUB-TOTAL			2,700	49,000	2,795	6	6	230	
TOTAL			51,700		2,795	6	6	230	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH		646.4020	646.5020	646.5120	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH LF	ARROWS EPOXY TYPE 2 EACH	WORDS EPOXY (ONLY)	
STH 32		1.5 mi						
From: CTH C	13.00							Sheboygan Falls
To : STH 23	14.50							STH 23 North Ramps
North Bound			6,000	8,200				Edgeline / Centerline
Crocker Ave					100			Rt Turn
Forest Ave					150			Rt Turn
STH 23					350	2	1	Rt Turn STH 23 East Bound
STH 23					100			Lt Turn STH 23 West Bound
South Bound			4,500					Edgeline
STH 23					75			Lt Turn STH 23 East Bound
CTH C					200			Rt Turn / Island Gore
SUBTOTAL			10,500	8,200	975	2	1	
TOTAL			18,700		975	2	1	

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PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH		646.4020	646.5320	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH LF	
USH 141		8.00					
From: Beaver	36.75						End divided South of CTH P / Beaver
To: CTH W	44.75						CTH W / Crivitz
NORTH BOUND							
Center Line / Edge Line			34,000		56,150		Center Line / Edge Line
CTH P						370	Rt Turn
18th Rd						300	Rt Turn
Airport Rd						250	Rt Turn
Lane Line				1,675			Lane Line (Crivitz)
Railroad Crossing							2
SOUTH BOUND							
Edge Line			34,000				Edge Line
Lane Line				1,750			Lane Line (Crivitz)
Railroad Crossing							2
Airport Rd						250	Rt Turn
Passing Lane Line				1,820			Lane Line
22nd						250	Rt Turn
CTH P						300	Rt Turn
SUB-TOTALS			68,000	5,245	56,150	1,720	4
TOTALS				129,395		1,720	4

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH SOLID YELLOW LF	REMARKS
USH 141		4.00		
From: CTH W	44.50			Crivitz
To: CTH X	48.75			Middle Inlet
North Bound			28,220	Center Line
TOTALS			28,220	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH		646.4020	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH SOLID WHITE LF	
USH 141		6.50				
From: CTH X	48.75					CTH X / Middle inlet
To: Wausaukee	55.25					Wausaukee (North of CTH C)
NORTH BOUND						
Center Line				39,365		Center Line to Division St / Pvmt Change
Edge Line			3,500			Edge Line from End Grooved to Curb Gutter / Butternut St
SOUTH BOUND						
CTH C					75	Right Turn
First St					200	Right Turn First St / STH 180
SUB-TOTALS			3,500	39,365	275	
TOTAL				42,865	275	

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PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH SOLID YELLOW LF	646.6120 Stop Line Epoxy 18-Inch LF	REMARKS
STH 64		7			
From: Oconto / Langlade Co	0.00				Oconto / Langlade Co Line
To: North Jct STH 32	6.78				North Jct STH 32
East Bound			42,800		Edge Line / Center Line
Jct STH 32 / STH 64				15	Jct STH 32
West Bound					Edge Line
TOTAL			42,800	15	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH SOLID YELLOW LF	REMARKS
STH 32		18.00		
From: CTH A A	123.00			Breed
To: CTH F	141.30			Lakewood
NORTH BOUND			132,500	Center Line
TOTAL			132,500	

3

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6 INCH SOLID YELLOW LF	REMARKS
STH 54		4.50		
From: Kewaunee County Line	49.62			Kewaunee / Brown County Line
To: Luxemburg	54.00			Luxemburg at Valley Rd
East Bound			27,500	Center Line
TOTAL			27,500	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH SOLID WHITE LF	646.4020 EPOXY 10-INCH LF	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS
STH 114		6.50				
From: S Jct STH 55	8.60					Sherwood STH 55 South
To: Hilbert	15.00					Hilbert Jct STH 32 / 57
EAST BOUND			33,000			Edge Line
Kees Rd				100		Rt Turn
Jct STH 55					25	Sherwood
WEST BOUND			33,000			Edge Line
12th St				220		Rt Turn
S Jct STH 55						Bypass Lane
SUB-TOTAL			66,000	65	320	
TOTAL			66,065	320	25	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH			646.4020	646.5020	646.5120	646.6120	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	SOLID WHITE LF	ARROWS EPOXY Type 2 Each	WORDS EPOXY (ONLY) Each	STOP LINE EPOXY 18-INCH LF	
USH 151		7.50								
From: Jct IH 41	16.65									Jct IH 41 Fond Du Lac
To: CTH WH	24.20									Jct CTH WH
NORTH BOUND			37,000		48,000					Rt , Lt Edge lines / Center line
Jct IH 41								35		Signal West Ramps @ Jct USH 41/Stop Bar
Jct IH 41						275		25		Island Gore East Ramps USH 41 / Stop Bar @ signal
Camelot Dr						365				Left Turn
Martin Rd						965				Rt Turn & Lt Turn Island Gore
Exit USH 45 SB / CTH V			2,220		1,000					Exit Ramp / Rt , Lt Edge lines
On Ramp From CTH V			2,580		1,380					Enter Ramp / Rt, Lt Edge Lines
North Jct CTH V						900				Rt , Lt Turn Island Gores
Exit STH 23 / Johnson St			1,650	50	1,100	730		25		Exit Dash & Gore / Ramp Edgelines / Stop Bar
Enter from STH 23			2,460		820	2,100				Entry Ramp Rt , Lt Edgelines / Entry Gore
STH 23 to End Divided				1,175						STH 23 @ End Lane Line Tape To End Divided
Golf Course Dr						200				Rt Turn
CTH WH						350	3	3	35	Rt , Lt Turns / Words / Arrows / Stop Bar
SOUTH BOUND			37,000		32,000					Rt , Lt Edgelines
Golf Course Dr						200				Rt Turn
Begin Divided to STH 23				700						End divided to STH 23 @ Begin Lane Line Tape
Exit STH 23 / Johnson St			1,600	40	1,050	900		25		Exit Dash & Gore / Rt , Lt Ramp Edgelines / Stop bar
Enter STH 23			2,400		850	2,210				Entry Ramp Edgelines / Gore
North Jct CTH V						875				Rt , Lt Turns & Gore
Exit USH 45 SB / CTH V			2,930		1,255					Exit Ramp Rt , Lt Edgelines
On Ramp From CTH V			2,510		850					Enter Ramp / Rt, Lt Edge Lines
Martin Rd						770				Rt , Lt Turn & Gore
Camelot Dr						390				Rt , Lt Turn & Gore
To IH 41 North Bound						450				Rt Turn
IH 41 South Ramps								30		Stop Bar @ East Ramps @ 41 / 151 / 45
IH 41 North Ramps								30		Stop Bar @ West Ramps @ 41 / 151
To IH 41 South Bound						320				Lt Turn / Gore
SUB-TOTAL			92,350	1,965	88,305	12,000	3	3	205	
TOTAL				182,620		12,000	3	3	205	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH			646.4020	646.5020	646.5120	646.6120	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH SOLID WHITE LF	ARROWS EPOXY TYPE 2 EACH	WORDS EPOXY ONLY EACH	STOP LINE EPOXY 18-INCH LF	
USH 151		9.00								
From: CTH WH	24.60									CTH WH
To: Calumetville	33.65									Fond du Lac / Calumet County Line
NORTH BOUND			48,575		38150					Edge Line / Center line
Kiekhaefer Pkwy						185				Rt Turn
Deadwood Rd						85				Rt Turn
Silica Rd						175				Rt Turn
CTH Q						135				Rt Turn
Gladstone Beach Rd				65						Bypass Lane
Fisherman's Rd				65						Bypass Lane
Johnsburg Rd						200				Rt Turn
CTH W						100	1	1	35	Lt Turn / Arrow / Only / Stop Bar on CTH W
CTH HH						100				Rt Turn
CTH HHH						100	1	1	30	Lt Turn / Arrow / Only / Stop Bar
SOUTH BOUND			48,750							Edge Line
CTH HHH						100	1	1	30	Lt Turn / Arrow / Only / Stop Bar
CTH W						100	1	1	35	Lt Turn / Arrow / Only / Stop Bar on CTH W
Silica Rd				65						Bypass Lane
Minawa Beach Rd						200				Rt Turn
Deadwood Rd						100				Rt Turn
Kiekhaefer Pkwy				65						Bypass Lane
CTH WH				35		350	3	3	40	Rt , Lt Turns / Arrow / Only / Stop Bar
SUBTOTAL			97,325	295	38,150	1,930	7	7	170	
TOTAL				135,770		1,930	7	7	170	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH SOLID WHITE LF	REMARKS
USH 151		11.00		
From: Calumet / FDL Co Line	33.65			Calumet South County Line
To: Chilton	45.00			Quinney Rd @ Pavement Change
North Bound			59,500	Edge Line
Jefferson Rd				Right Turn
CTH C				Right Turn
E Harlow Rd				Mini Dash Edge Line
South Bound			59,300	Edge Line
CTH C				Right Turn
Jefferson Rd				Right Turn
Harbor Rd				Right Turn
SUB-TOTALS			118,800	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH SOLID YELLOW LF	REMARKS
USH 151		8.00		
From: STH 67	51.85			Jct STH 67
To: Valders	59.95			CTH J
North Bound			40,000	Centerline / Edgelines
TOTALS			40,000	

LOCATION	LOG MILE	MILE	646.5320 RAILROAD CROSSING EPOXY EACH	REMARKS
USH 151		1.50		
From: Chilton				Oppurtunity Dr
To: Valders				East of Valders
NORTH BOUND				
Hayton	0.25		1	South of Hayton
Valders	0.25		1	McKinley St
East of Valders	0.25		1	East of Valders
SOUTH BOUND				
Hayton	0.25		1	South of Hayton
Valders	0.25		1	Washington St
East of Valders	0.25		1	East of Valders
TOTALS			6	

3

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PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH SOLID YELLOW LF	646.5320 RAILROAD CROSSING EPOXY EACH	REMARKS
STH 180		7.00			
From: STH 64	0.00				STH 64
To: CTH G	7.00				Jct CTH G
North Bound					
Center Line			40,000		Center Line
Railroad Crossing				1	Marinette
South Bound					
Railroad Crossing				1	Marinette
TOTAL			40,000	2	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH SOLID YELLOW LF	REMARKS
STH 180		7.50		
From: CTH G	7.00			CTH G
To: CTH X	14.50			CTH X
North Bound				
Center Line			58,200	Center Line
TOTAL			58,200	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.2020 EPOXY 6-INCH SOLID YELLOW LF	REMARKS
USH 45		5.00		
From: Eden	14.75			Jct CTH B
To: FDL	19.65			Jct USH 151 Northside of Over pass
North Bound			50,000	
TOTAL			50,000	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH SOLID YELLOW LF	REMARKS
STH 67		6.0		
From: Fond Du Lac / Dodge Co Line	0.00			Fond Du Lac South County Line
To: Campbellsport	6.00			S Jct CTH V / W
North Bound			56,100	Center Line
TOTAL			56,100	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH		646.4020	646.5020		646.5320	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH LF	Type 1 EPOXY EACH	Type 2 EPOXY EACH	
STH 22		4.50							
From: Oconto Falls	14.00								Highland Dr
TO: USH 141	18.50								Pvmt Change 500' North of Military Rd
North Bound			24,000		21,270				Edge line / Center Line
CTH I					350				Rt Turn
Larson Lane					200				Rt Turn
Younger Rd					200				Rt Turn
Rail Crossing								1	Begin Divided section
Duame Road					150				Lt / Rt Turns
USH 141 South					125				Rt Turn
USH 141 North					100				Lt Turn
Military Rd					115				
South Bound			24,000						Edge Line
Military Rd					120				Rt Turn
USH 141 North					110				Rt Turn
Rail Crossing								1	Apply at existing location at under pass / USH 141
USH 141 South					100				Lt Turn
Duame Road					200				Lt / Rt Turns
Younger Rd					200				Rt Turn
CTH I					350				Rt Turn
Rea Rd				50					Edge Line Extension
N Chestnut Rd				60					Edge Line Extension
Highland Dr					175	1	2		Lt / Rt Turns / Arrows
SUBTOTAL			48,000	110	21,270	2,495	1	2	
TOTAL				69,380		2,495	3	2	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.2020 EPOXY 6-INCH		646.4020	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 10-INCH LF	
STH 42		19.00				
From: Jct STH 32	7.50					Jct STH 32 Howards Grove
To: USH 151	26.20					Jct USH 151 Manitowoc
North Bound			93,000	107,000		Center Line / Edge Line
S Cleveland Rd					100	Rt Turn
W Washington Rd					125	Rt Turn
S Jct CTH XX					165	Rt Turn
N Jct CTH XX					100	Rt Turn
E Spring Valley Rd					100	Rt Turn
CTH X					100	Rt Turn
Ucker Point Creek Rd					110	Rt Turn
CTH F					100	Rt Turn
Newton Rd					100	Rt Turn
Brunner Rd					100	Rt Turn
CTH C					215	Rt Turn
S Union Rd					110	Rt Turn
Carstens Lake Rd					100	Rt Turn
Carstens Rd					100	Rt Turn
English Lake Rd					100	Rt Turn
Newtonburg Rd					120	Rt Turn
Gass Lake Rd					100	Rt Turn
Jct USH 151					100	Island Gore
South Bound			93,000			Edge Line
Victoria Rd					100	Rt Turn
Newtonburg Rd					100	Rt Turn
Center Rd					100	Rt Turn
Newtonburg Rd					100	Rt Turn
Carstens Lake Rd					100	Rt Turn
S Union Rd					100	Rt Turn
CTH C					160	Rt Turn
Pine River Rd					100	Rt Turn
Newton Rd					100	Rt Turn
CTH F					100	Rt Turn
Ucker Point Creek Rd					100	Rt Turn
CTH X					100	Rt Turn
Pioneer Rd					100	Rt Turn
N Jct CTH XX					160	Rt Turn
S Jct CTH XX					100	Rt Turn
W Washington Rd					100	Rt Turn
S Cleveland Rd					100	Rt Turn
SUB-TOTALS			186,000	107,000	3,865	
TOTALS			293,000		3,865	

3

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.4020 EPOXY 10-INCH DASHED WHITE LF	646.5020 ARROWS EPOXY				646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	REMARKS
				TYPE 1 EACH	TYPE 2 EACH	TYPE 3 EACH	TYPE 3R EACH		
STH 29 / IH 41 / Shawano Ave	0.00	0.25							West Green Bay
IH 41 North Bound Shawano Ave Exit 168 C RAB	0.25		640	5	2	2		110	East Side of USH 41 (Inside RAB)
East Bound between STH 29 / IH 41 Ramps				4			2		On Shawano Ave
West Bound between STH 29 / IH 41 Ramps				4			2		On Shawano Ave
South Bound Shawano Ave Exit 168 C RAB			605	5	2	2		110	West Side of USH 41 (Inside RAB)
SUB TOTAL			1,245	18	4	4	4	220	
TOTAL			1,245			30		220	

3

PAVEMENT MARKING

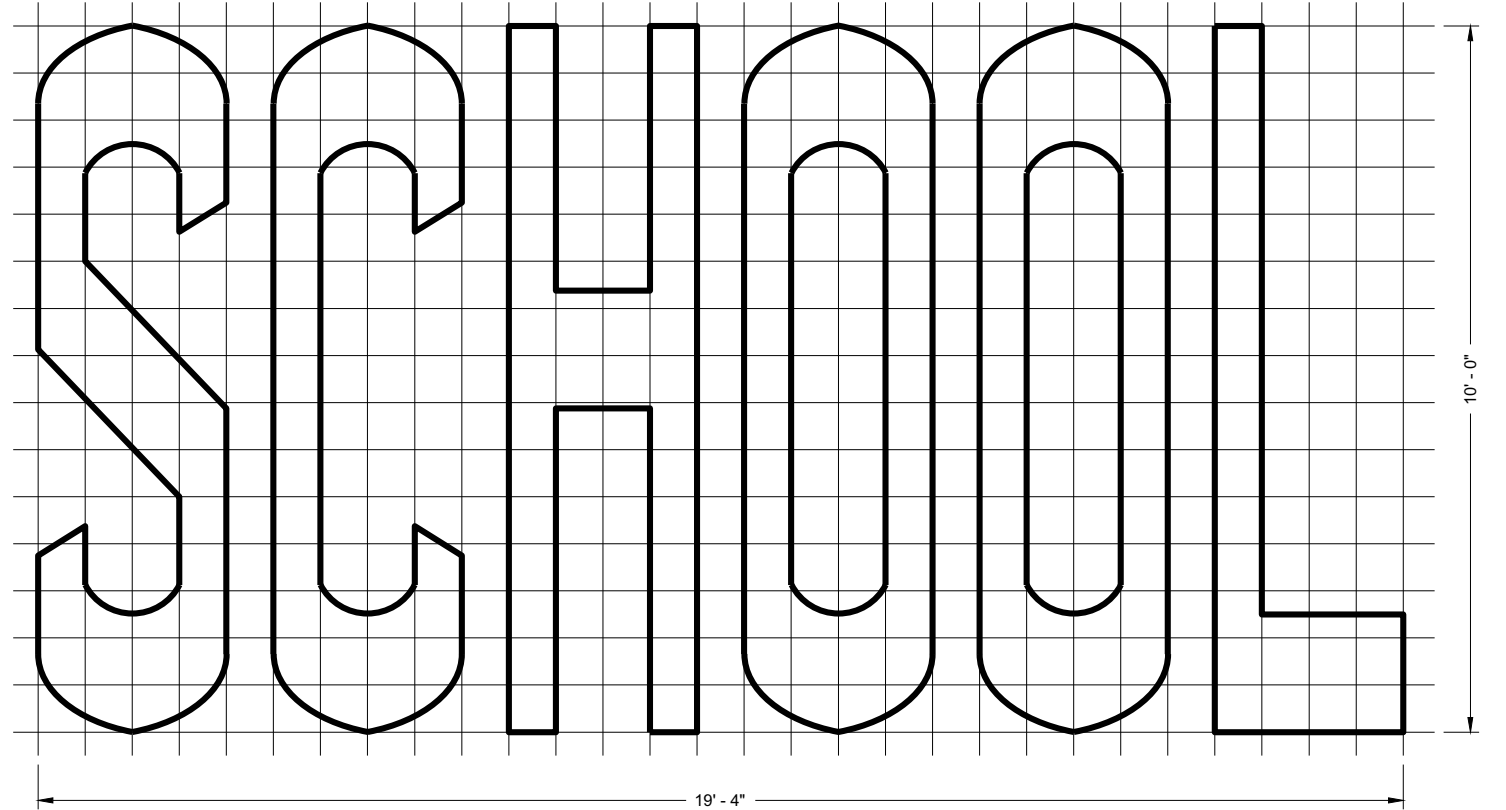
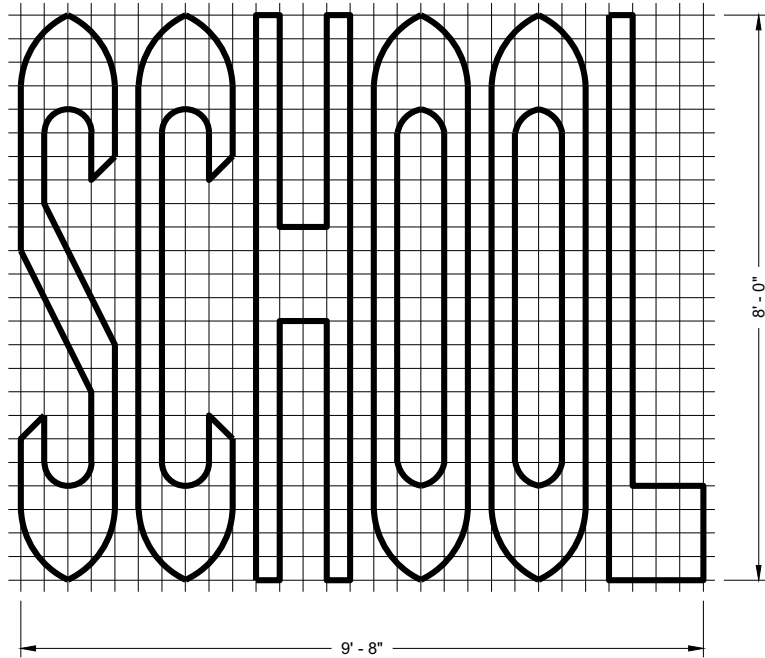
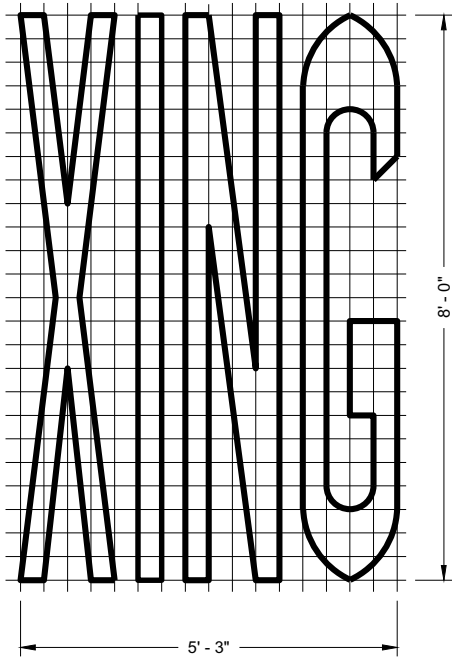
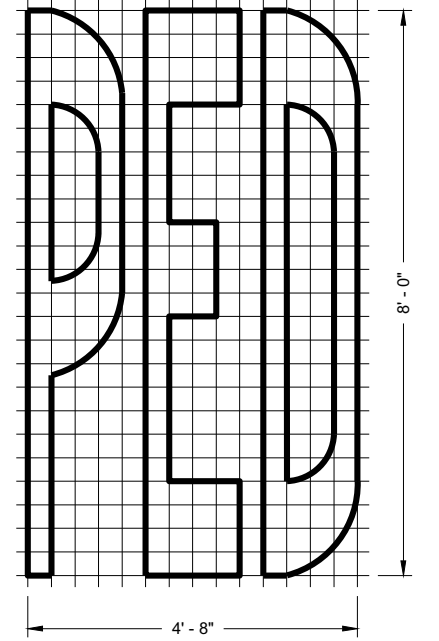
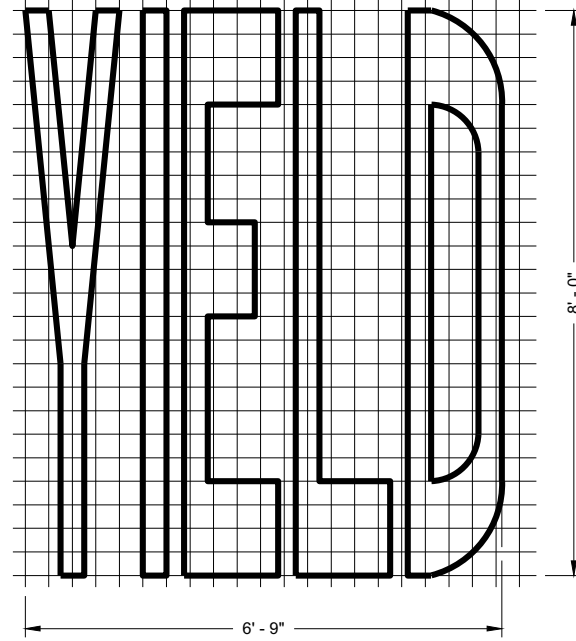
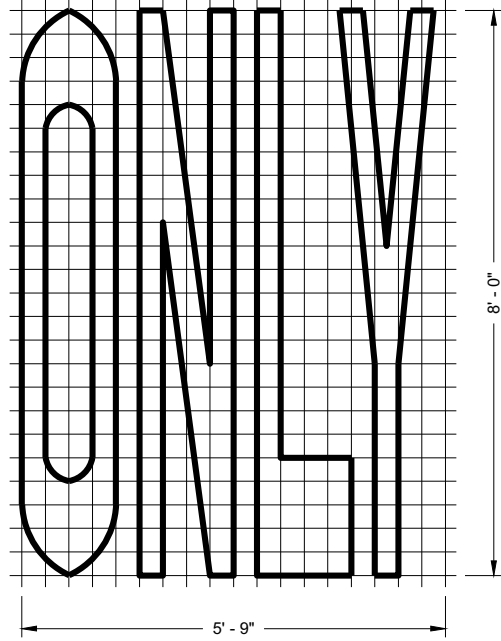
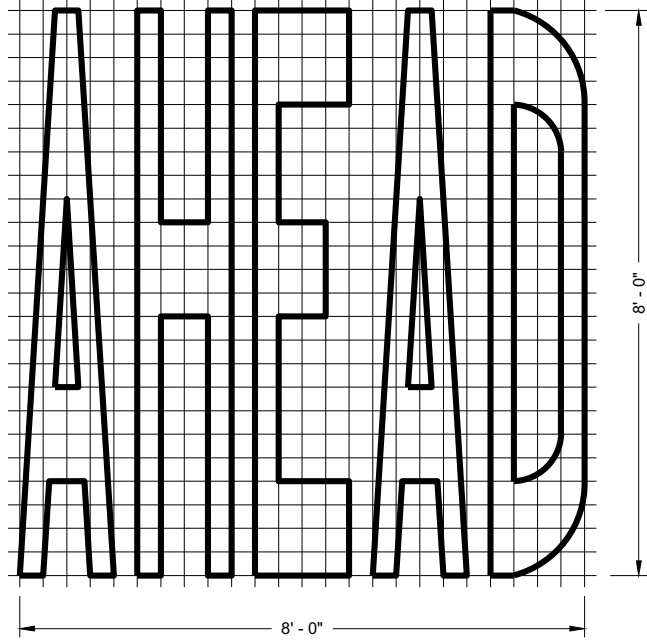
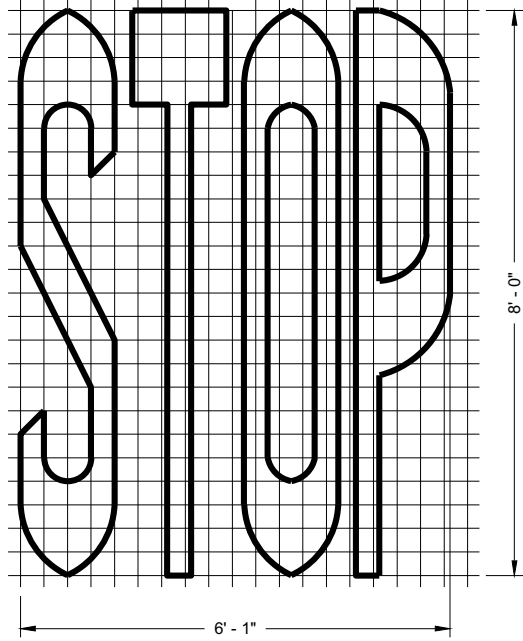
LOCATION	LOG MILE	Mile	646.4020 EPOXY 10-INCH DASHED WHITE LF	646.5020 ARROWS EPOXY				646.5120 WORDS EPOXY ONLY EACH	646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	REMARKS
				TYPE 1 EACH	TYPE 2 EACH	TYPE 2R EACH	TYPE 3 EACH			
IH 41 Velp Ave RAB	0.00	0.25								
IH 41 Velp Ave North Bound Exit 170A Ramp	0.25				4	2		4		North Bound Exit 170A Ramp
Velp Ave RAB Eastside of IH 41			330	5	1		1		47	Eastside of IH 41
Velp Ave From Eastside of IH 41 to Westside of IH 41				3		2		2		Velp Ave IH 41 Under pass
Velp Ave From Westside of IH 41 to Eastside of IH 41				1				2		Velp Ave IH 41 Under pass
IH 41 Velp Ave South Bound Exit 170A Ramp					4	2		4		South Bound Exit 170A Ramp
Velp Ave RAB Westside of IH 41			380	4	2		1		45	Westside of IH 41
SUB TOTAL			710	13	11	6	2	2	10	92
TOTAL			710			34		10	92	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.4020 EPOXY 10-INCH DASHED WHITE LF	646.5020 ARROWS EPOXY			646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	REMARKS
				TYPE 1 EACH	TYPE 3 EACH	TYPE 3R EACH		
USH 141 / STH 29 Verlin Rd / CTH JJ								Round About
NB Approach to USH 141 STH 29 Verlin Rd	0.00	0.25			2	2		NB Approach to USH 141 STH 29 Verlin Rd
SB Approach to USH 141 STH 29 Verlin Rd	0.25				2	2		SB Approach to USH 141 STH 29 Verlin Rd
USH 141 STH 29 Verlin Rd RAB			195	2	2		96	USH 141 STH 29 Verlin Rd RAB
SUB TOTAL			195	2	6	4	96	
TOTAL			195			12	96	

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
15C19-08A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-08B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C19-08C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C33-04	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

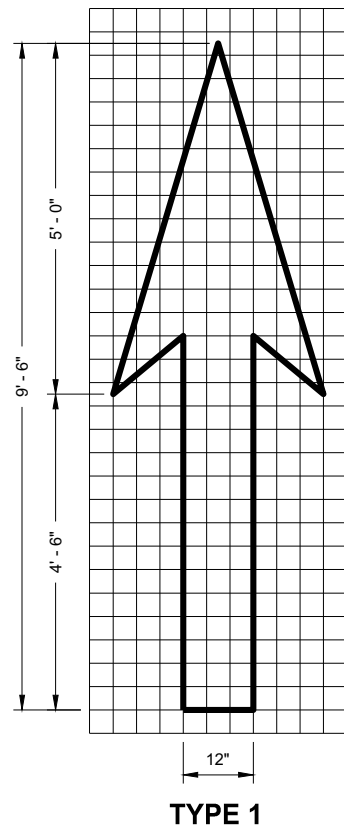
GENERAL NOTES

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.

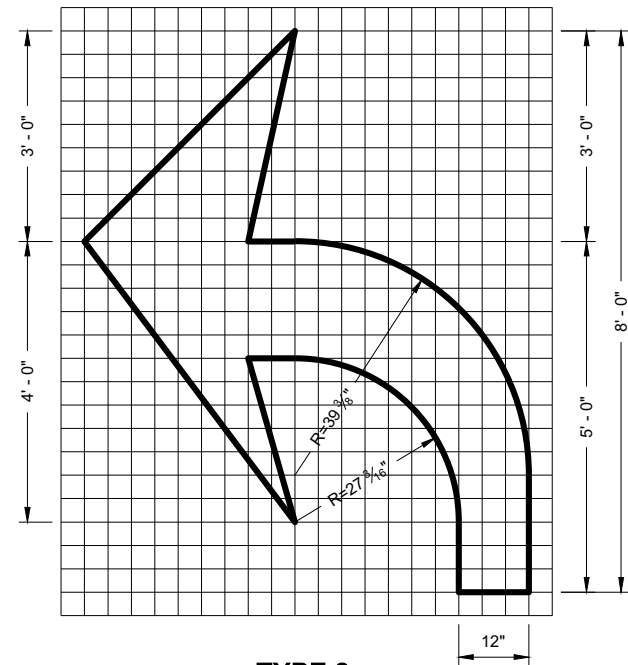
PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

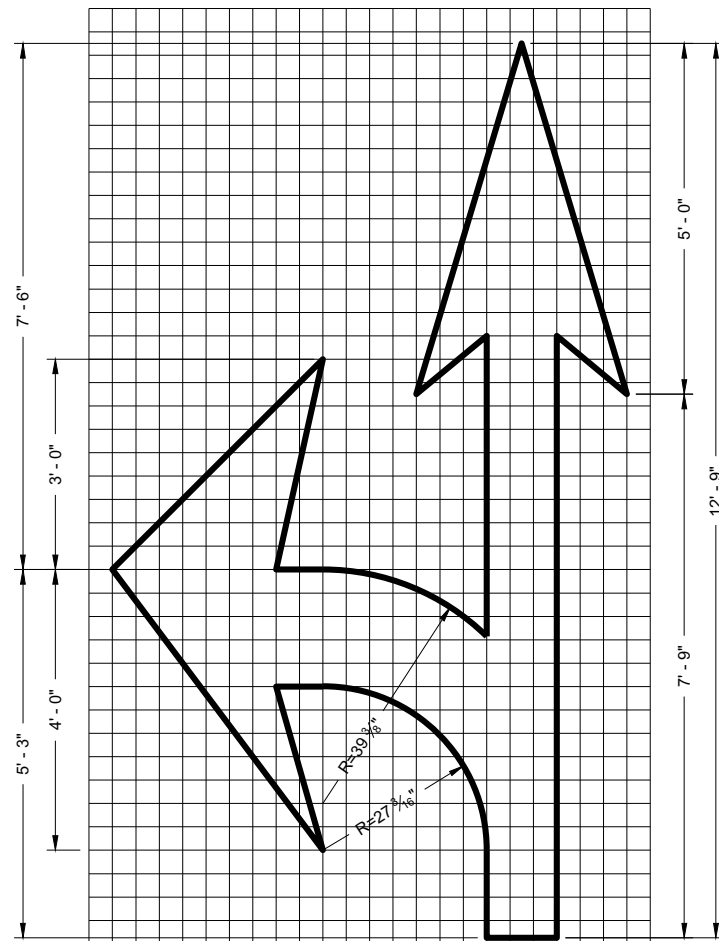
APPROVED
November 2019 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING
ENGINEER



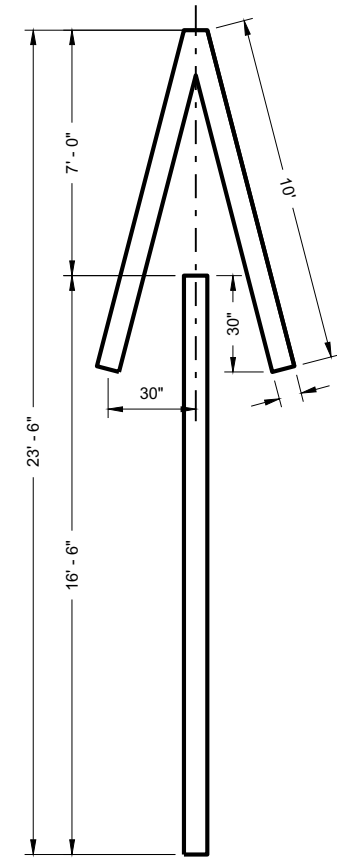
TYPE 1



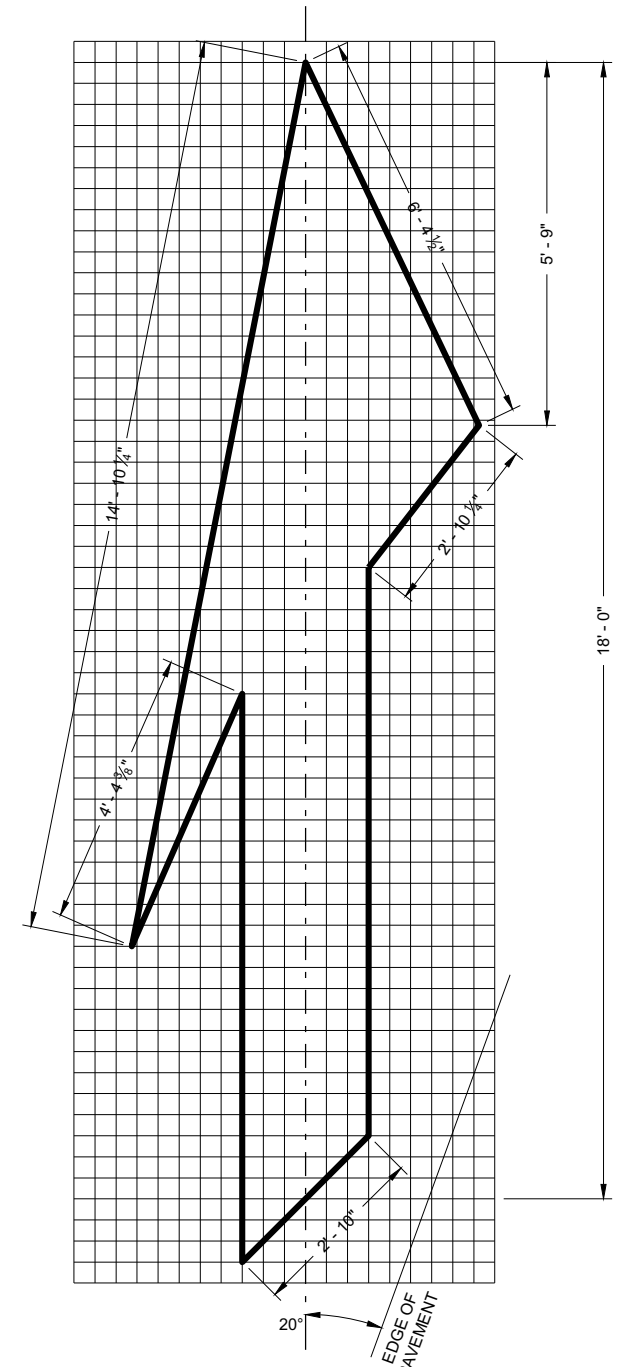
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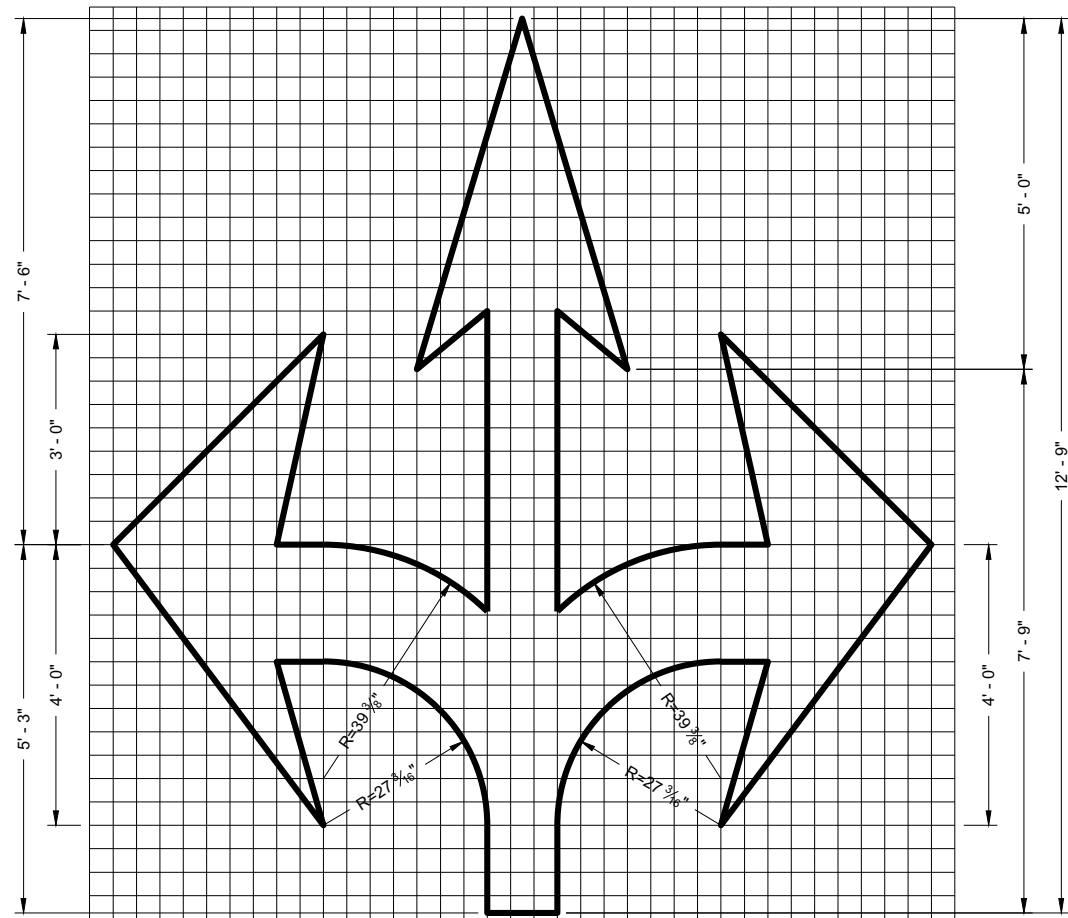
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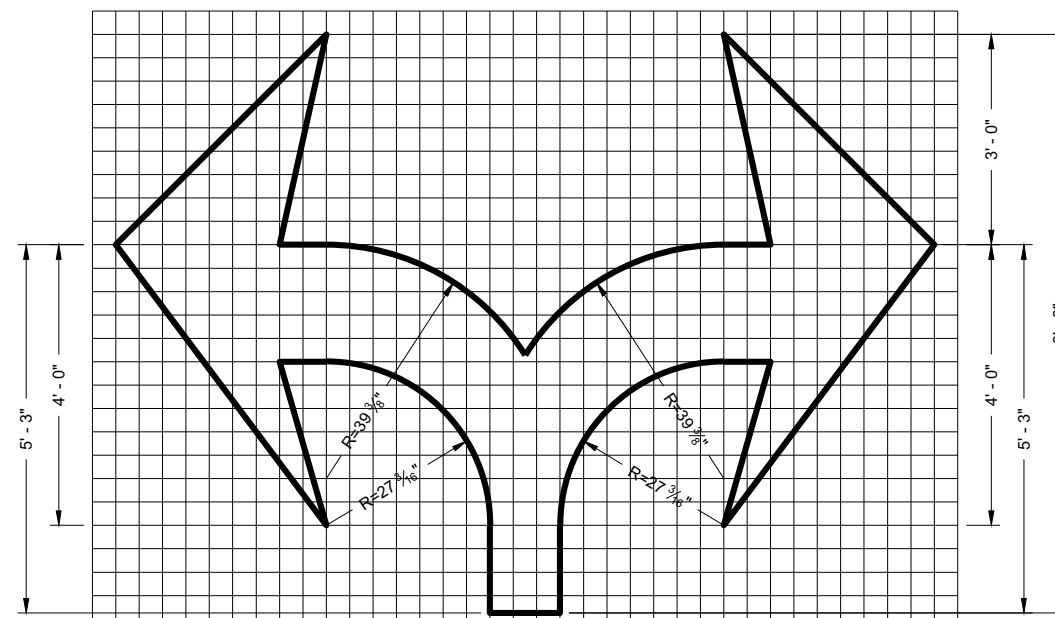
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

GENERAL NOTES

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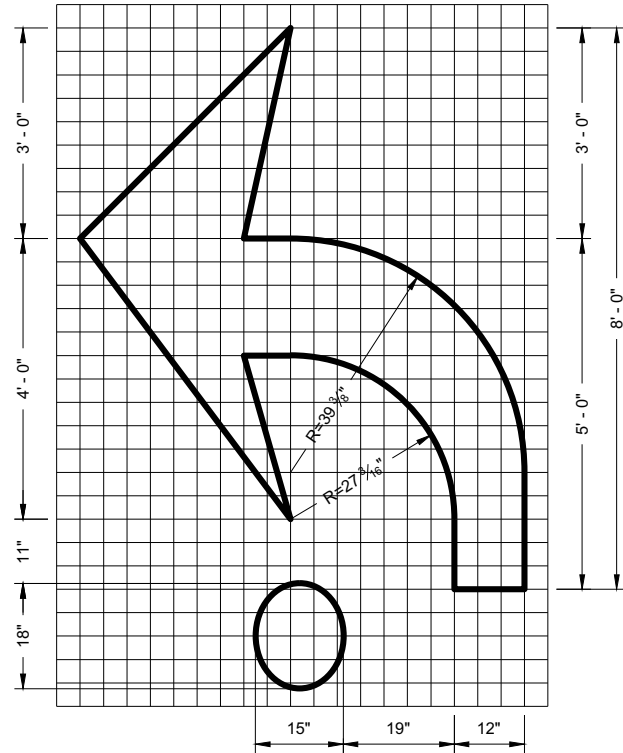
PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

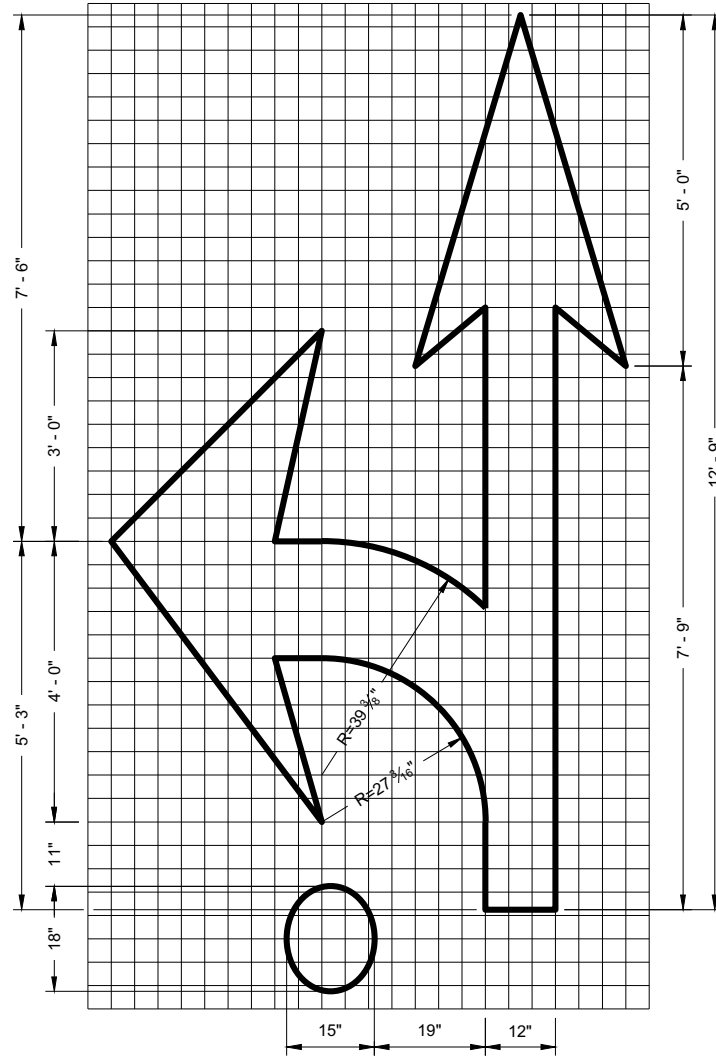
APPROVED
November 2019
DATE /S/ Matthew Rauch
STATE SIGNING AND MARKING
ENGINEER
FHWA

GENERAL NOTES

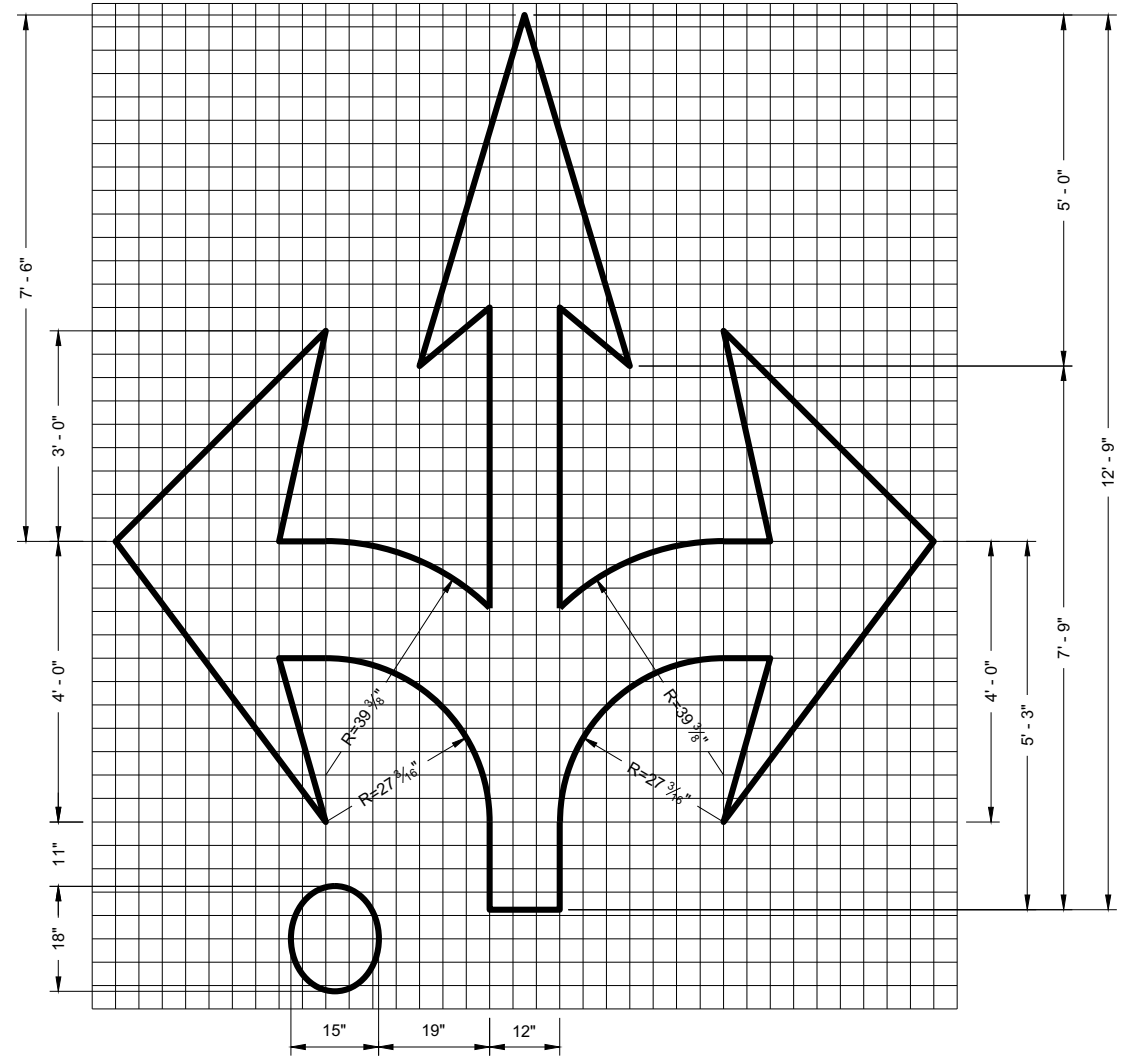
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



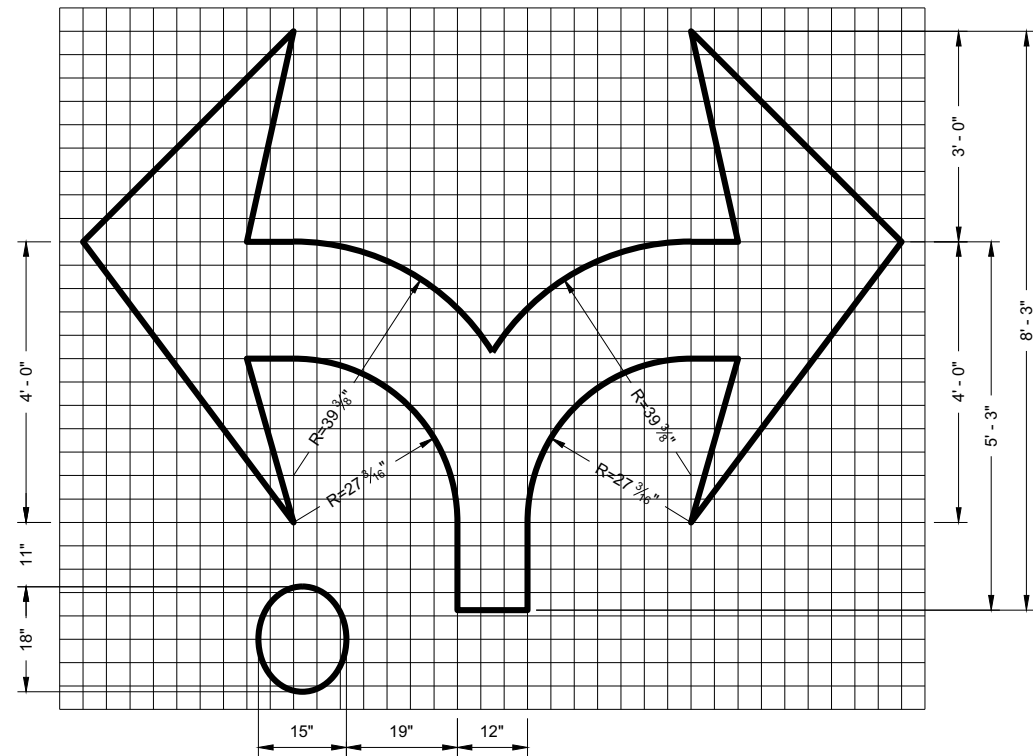
TYPE 2R



TYPE 3R



TYPE 6R



TYPE 7R

**ROUNDBOUT
MARKING ARROWS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING
ENGINEER




FHWA

GENERAL NOTES

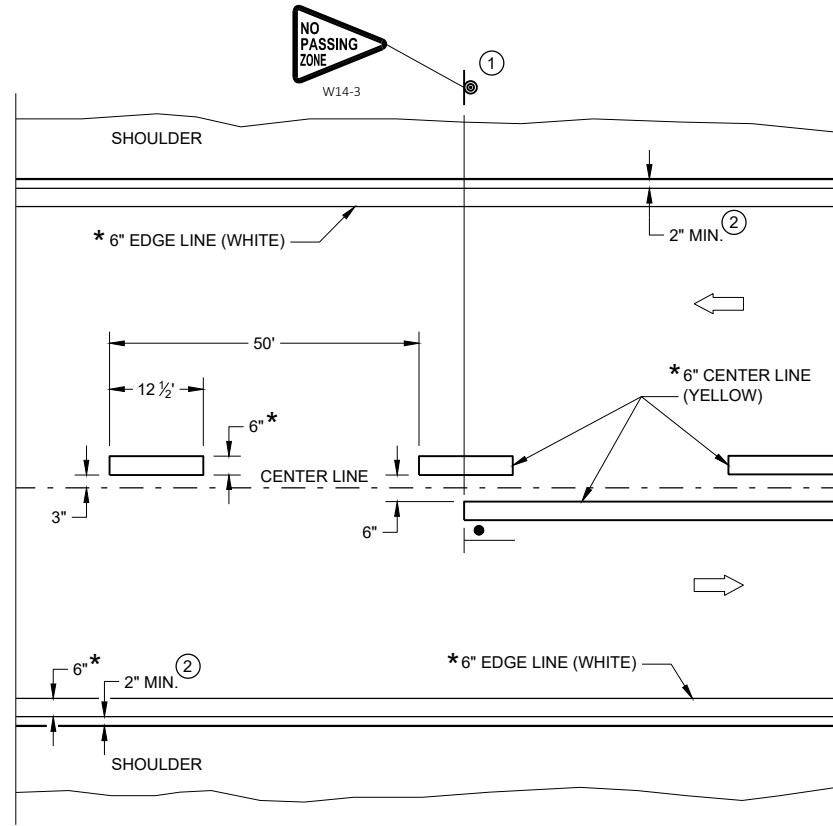
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

- 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.

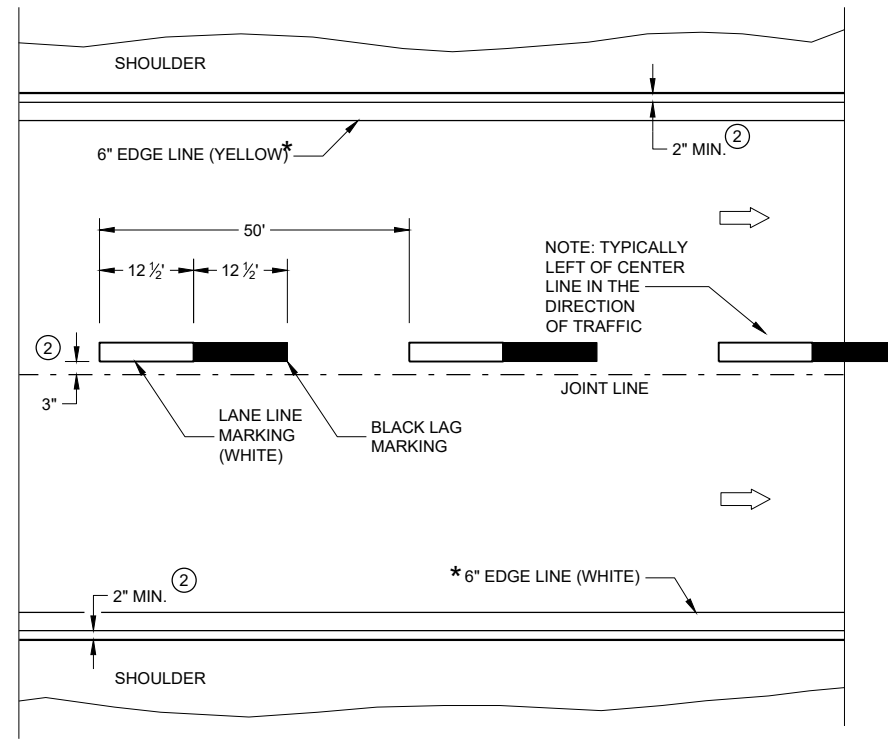
LEGEND

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

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

6

6

SDD 15C08-23a

SDD 15C08-23a

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 /S/ Jeannie Silver
DATE STATEWIDE SIGNING AND MARKING ENGINEER

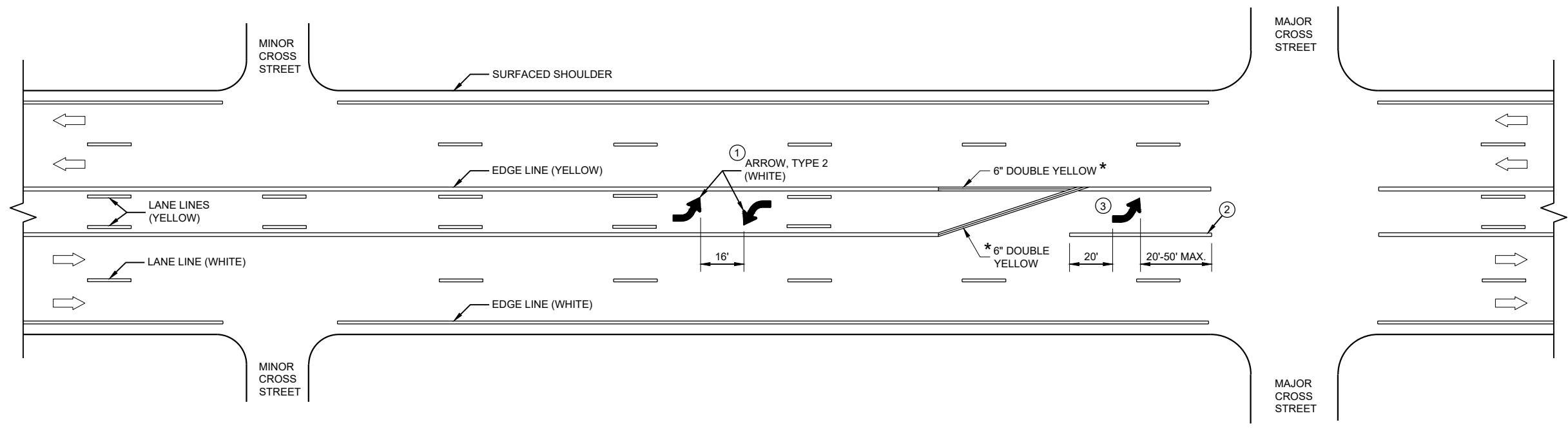
FHWA

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



TWO WAY LEFT TURN LANE

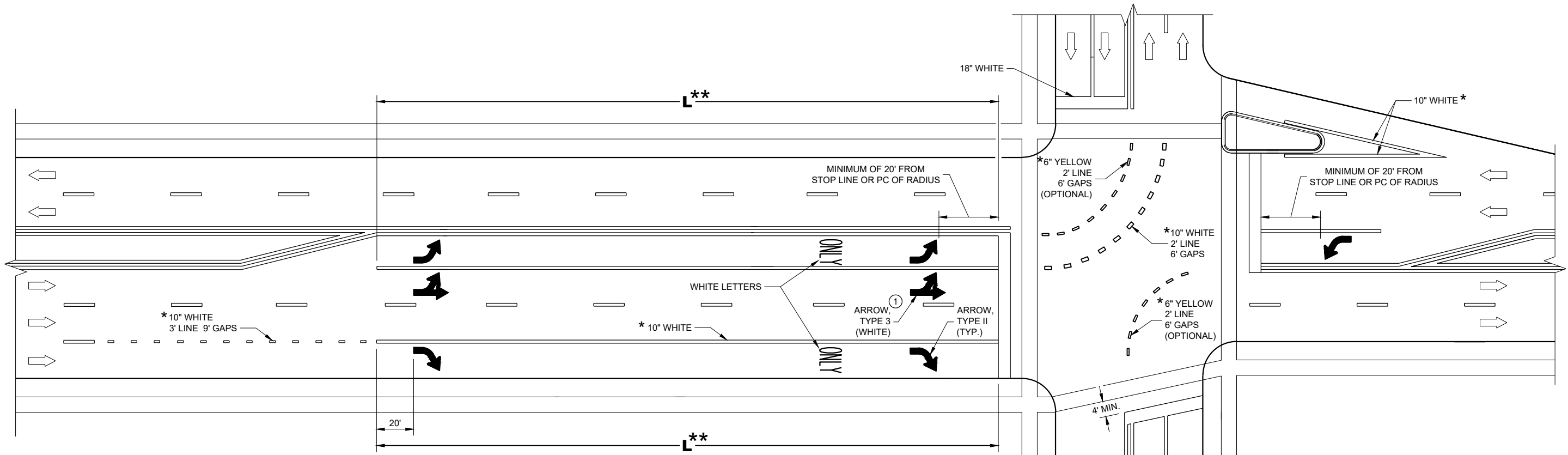
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SDD 15C08-23C

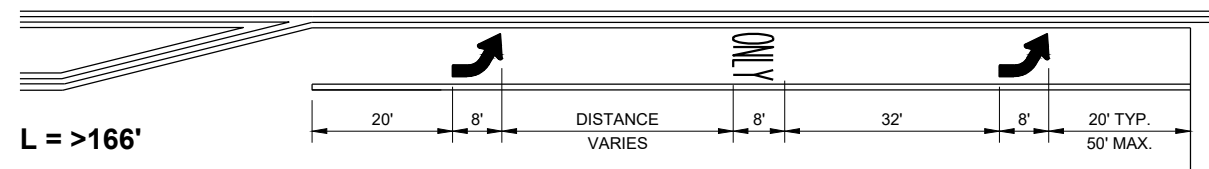
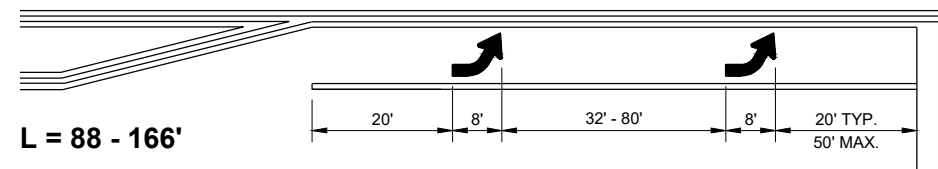
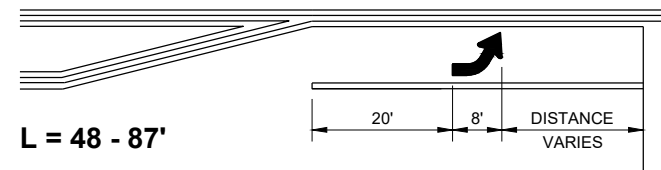
SDD 15C08-23C

<p>PAVEMENT MARKING (TURN LANES)</p>
<p>STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION</p>



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.

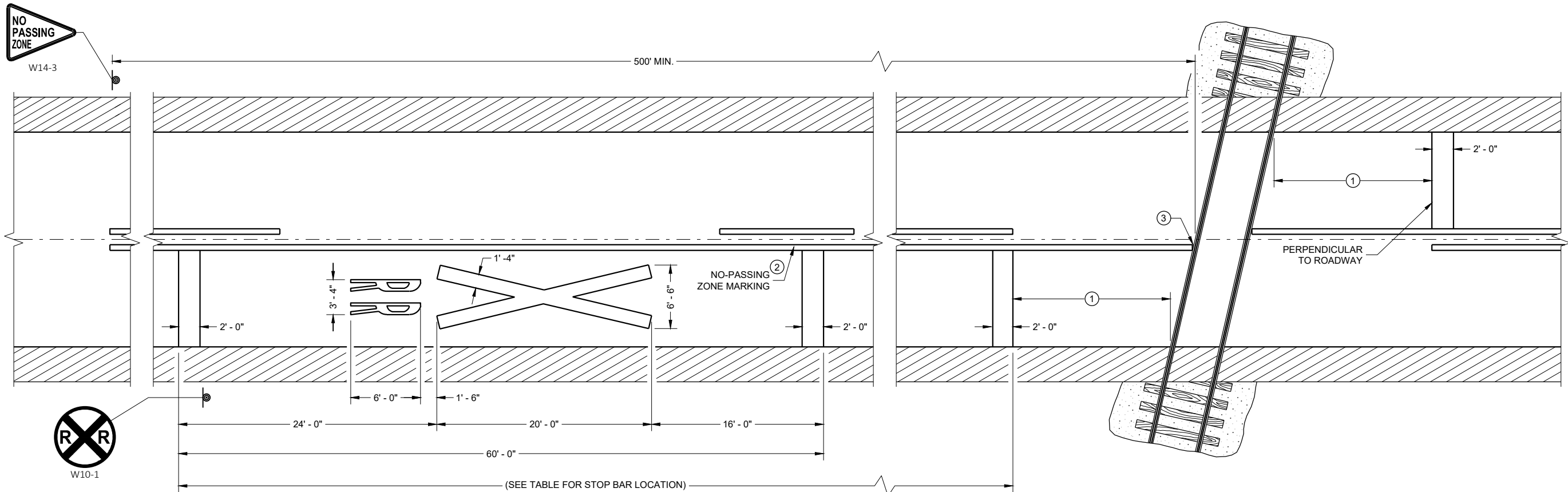
➡ DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

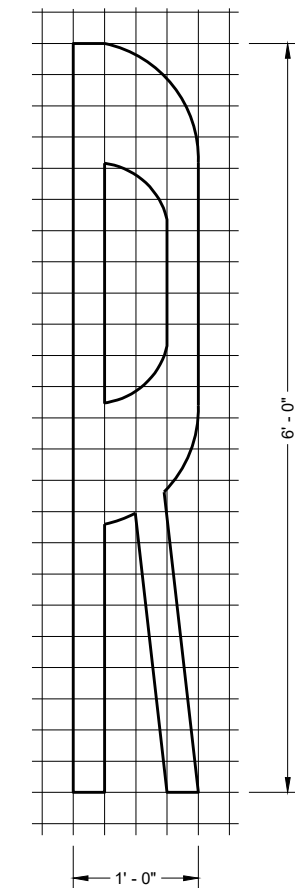
* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

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 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING 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 (CAUTION)

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.

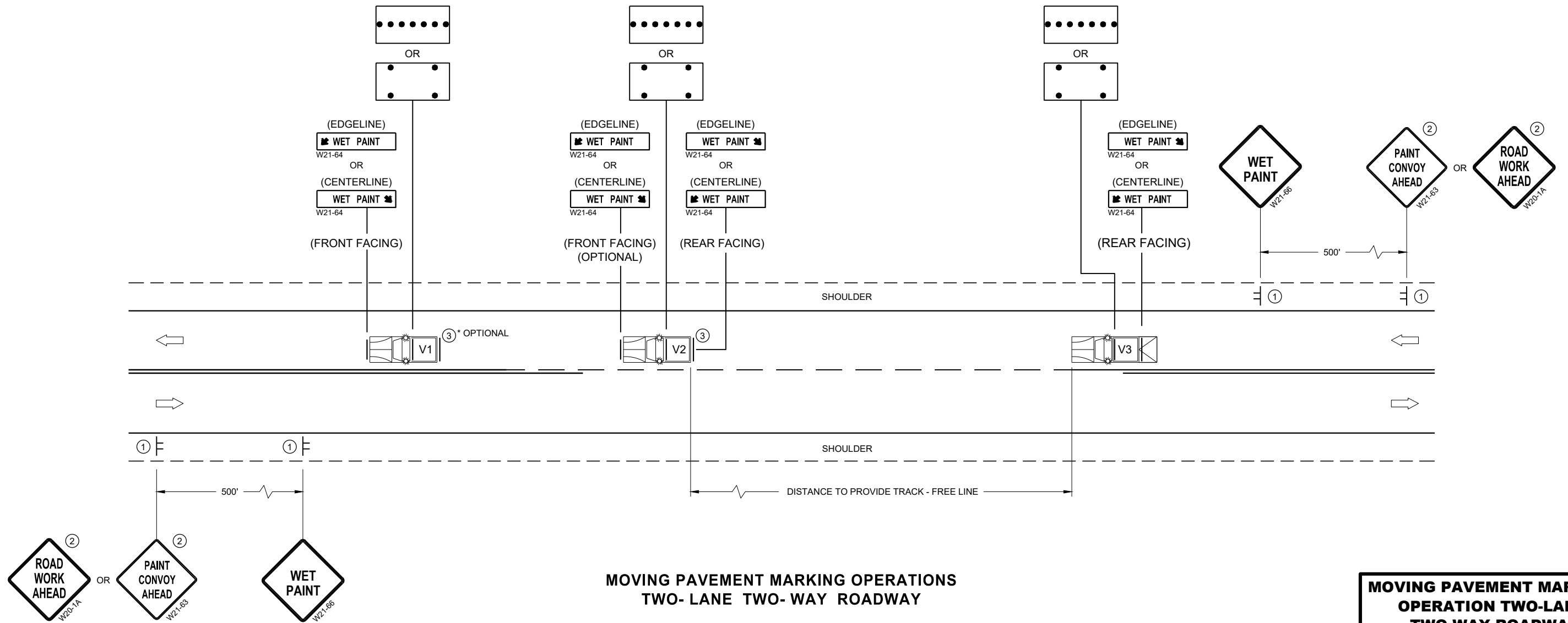
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

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

- ① SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.
- 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.

6

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



**MOVING PAVEMENT MARKING OPERATIONS
TWO-LANE TWO-WAY ROADWAY**

SDD 15C19-08a

SDD 15C19-08a

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED February 2023 DATE	/S/ Andrew Heidtke 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)
-  FLASHING ARROW PANEL (CAUTION)

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.

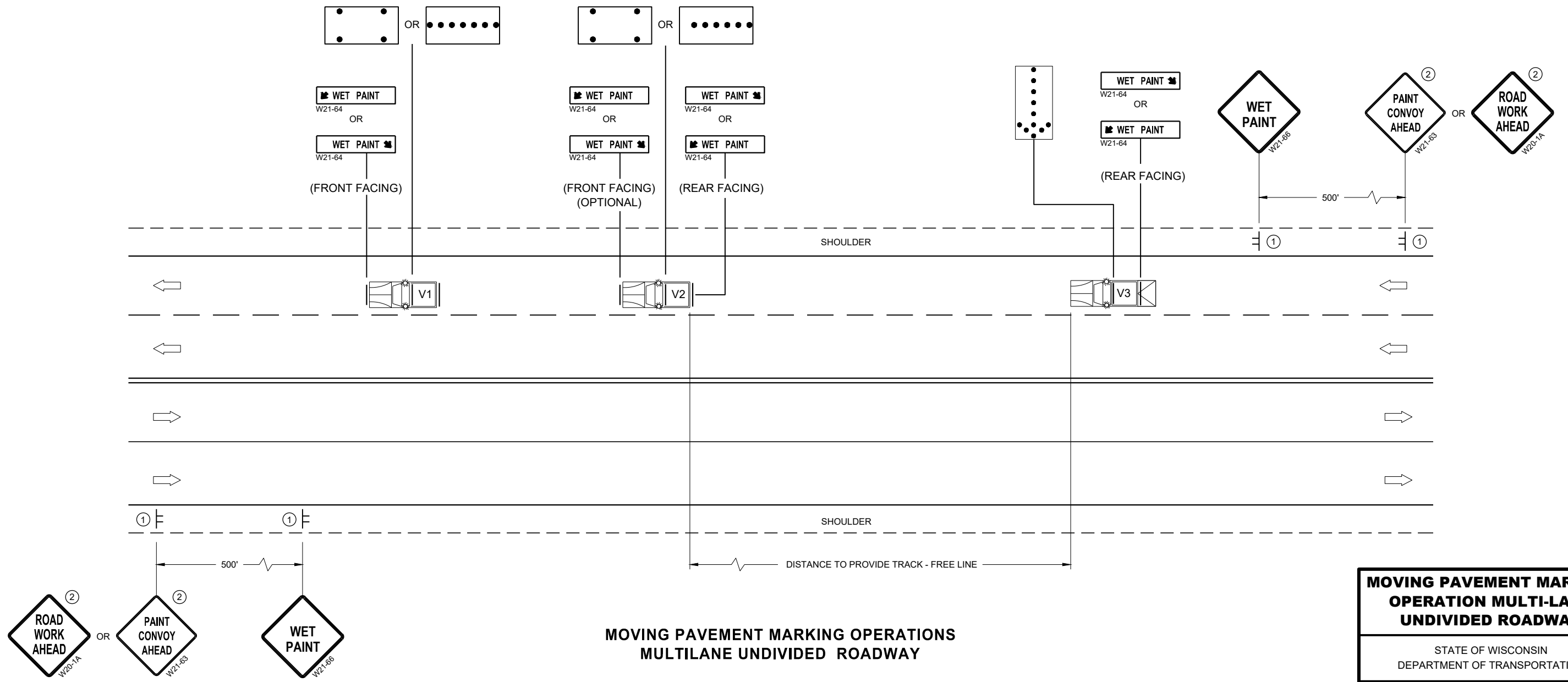
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLES AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

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

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

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



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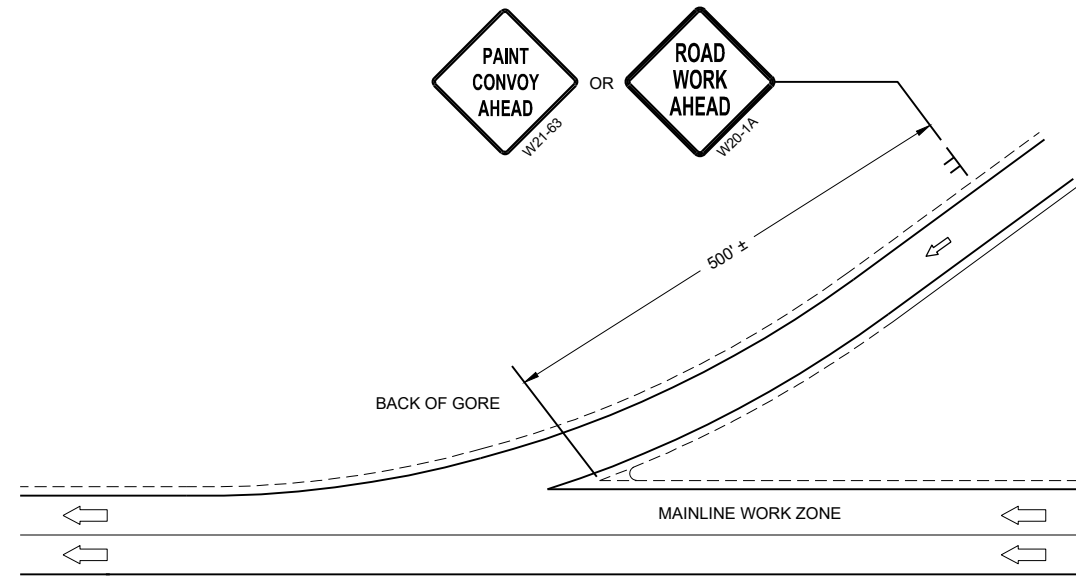
SDD 15C19-08b

**MOVING PAVEMENT MARKING OPERATIONS
MULTILANE UNDIVIDED ROADWAY**

MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED February 2023 DATE	/S/ Andrew Heidtke WORK ZONE ENGINEER
FHWA	

LEGEND

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



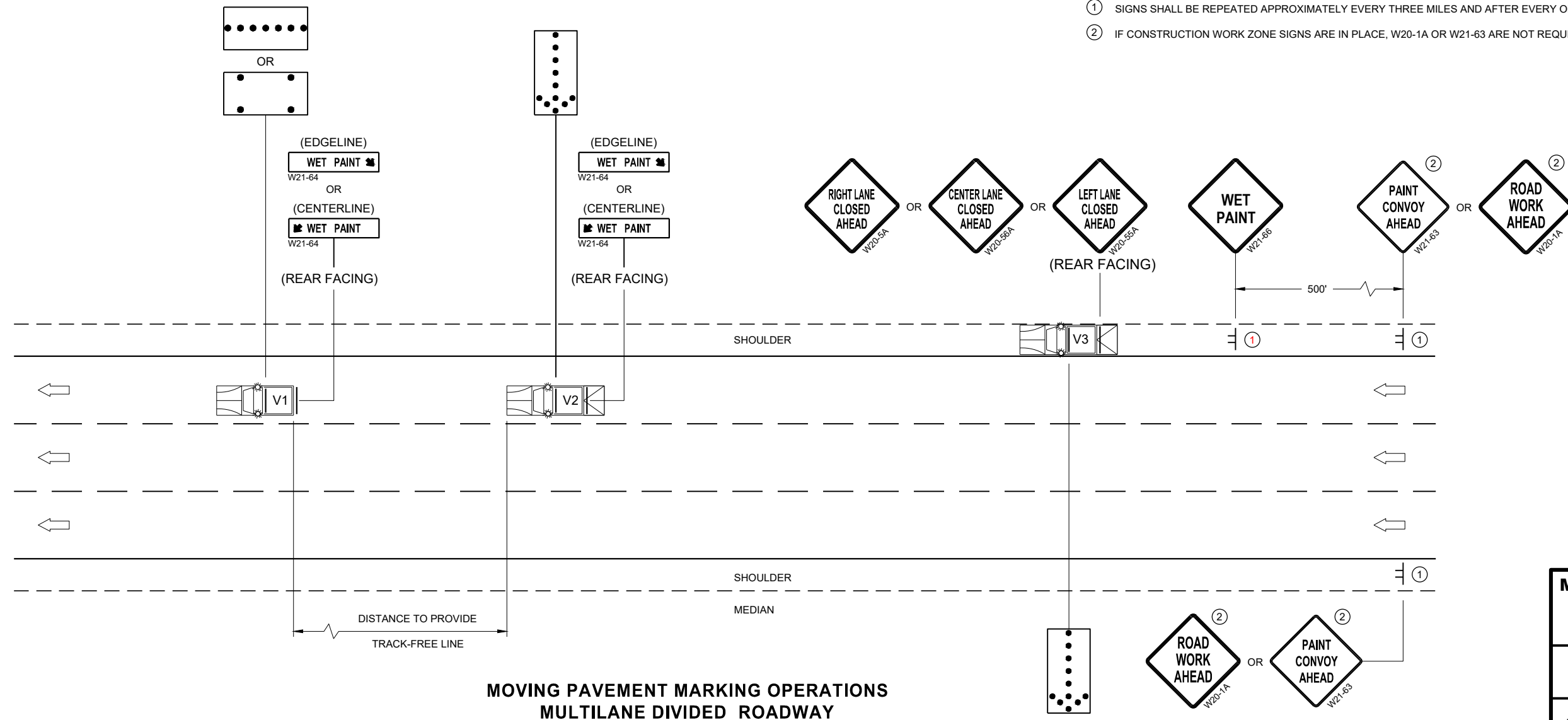
GENERAL NOTES

- 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.
- USE AN ATTENUATOR ON THE REAR MOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.
- IF THE SHOULDER IS TOO NARROW TO ACCOMMODATE THE LAST TRAILING VEHICLE, THE VEHICLE SHOULD STRADDLE THE EDGE LINE.
- 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 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.

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SDD 15C19-08c

SDD 15C19-08c

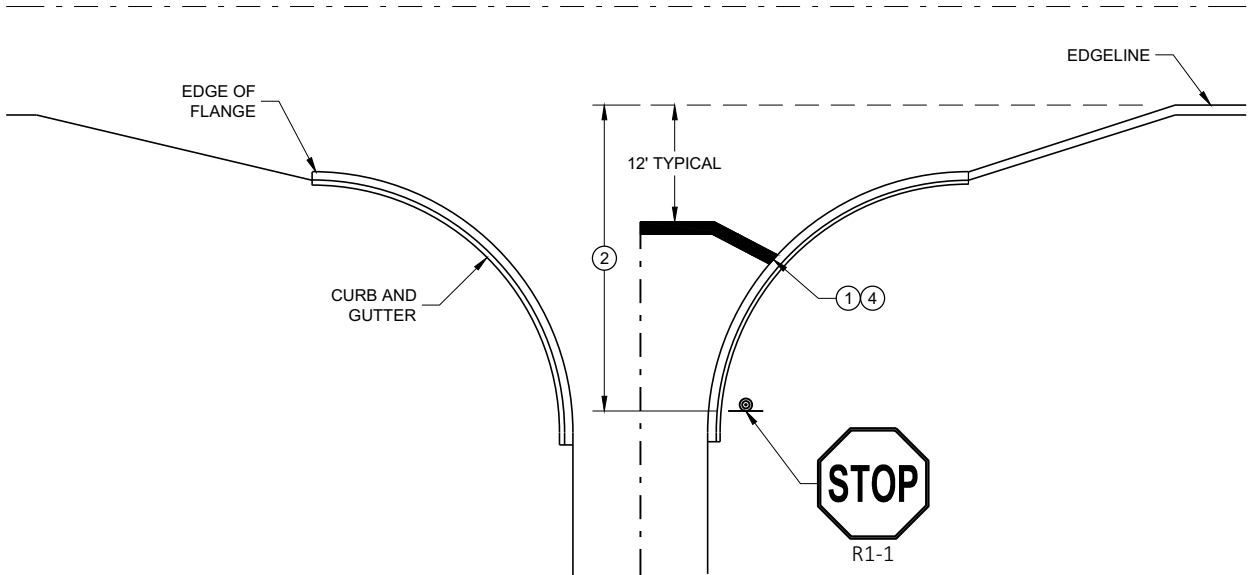
**MOVING PAVEMENT MARKING OPERATIONS
MULTILANE DIVIDED ROADWAY**

MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED February 2023 DATE	/S/ Andrew Heidtke WORK ZONE ENGINEER
FHWA	

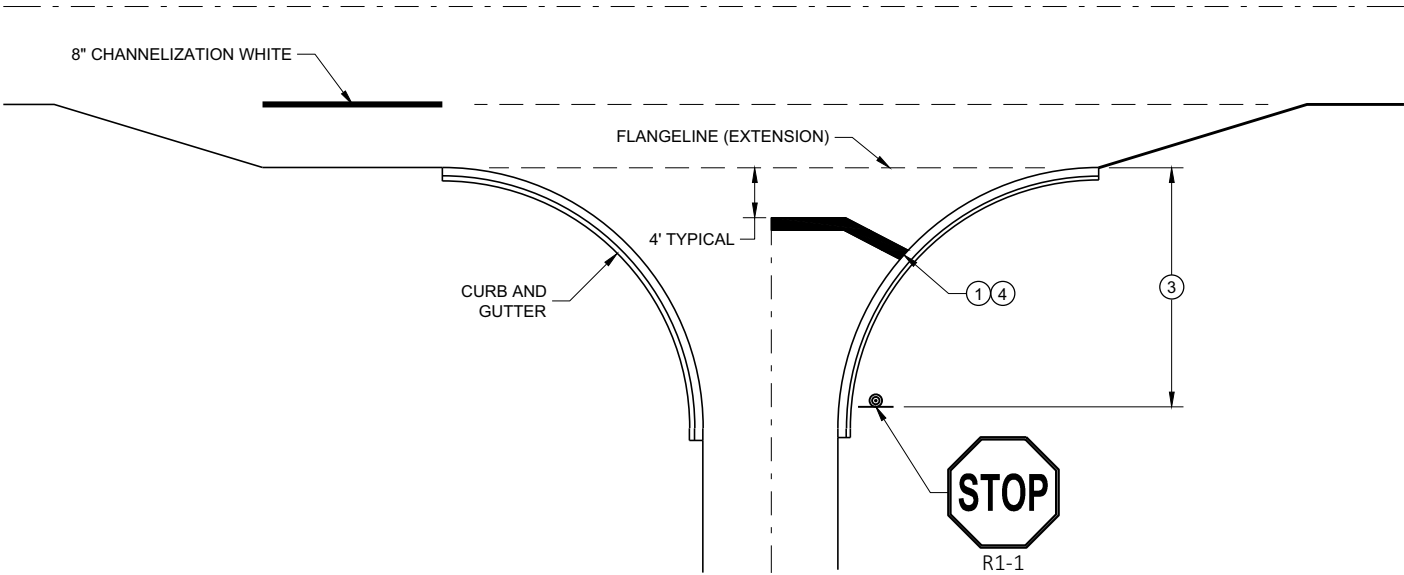
GENERAL NOTES

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

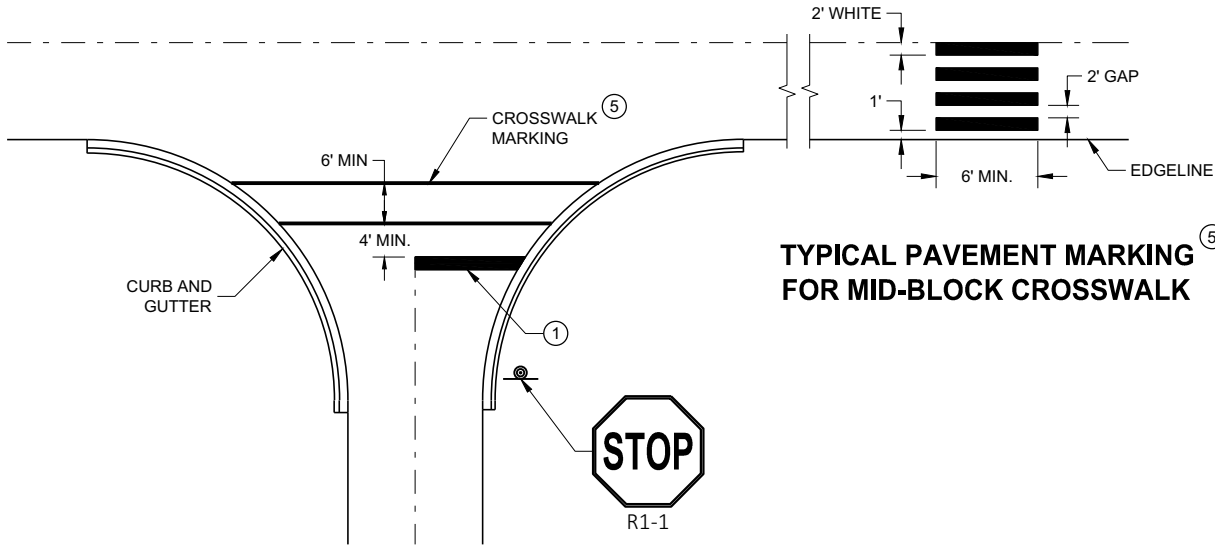
- ① 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- ② NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
- ③ NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE 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 INSTEAD.



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

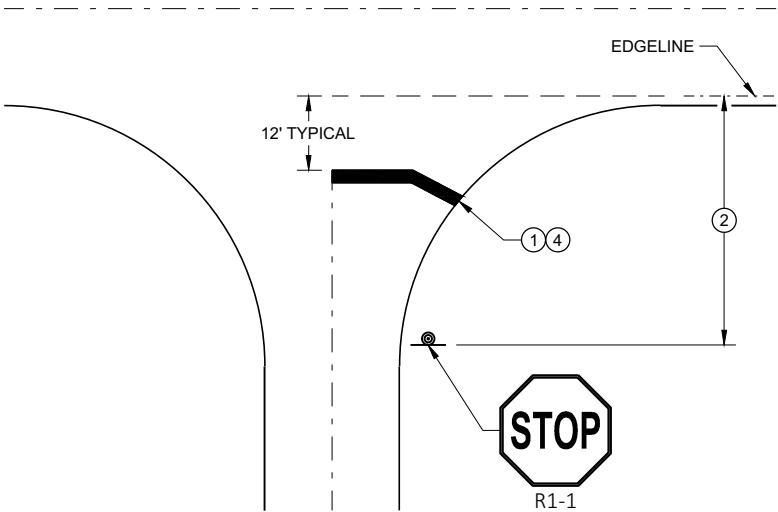


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING

TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK



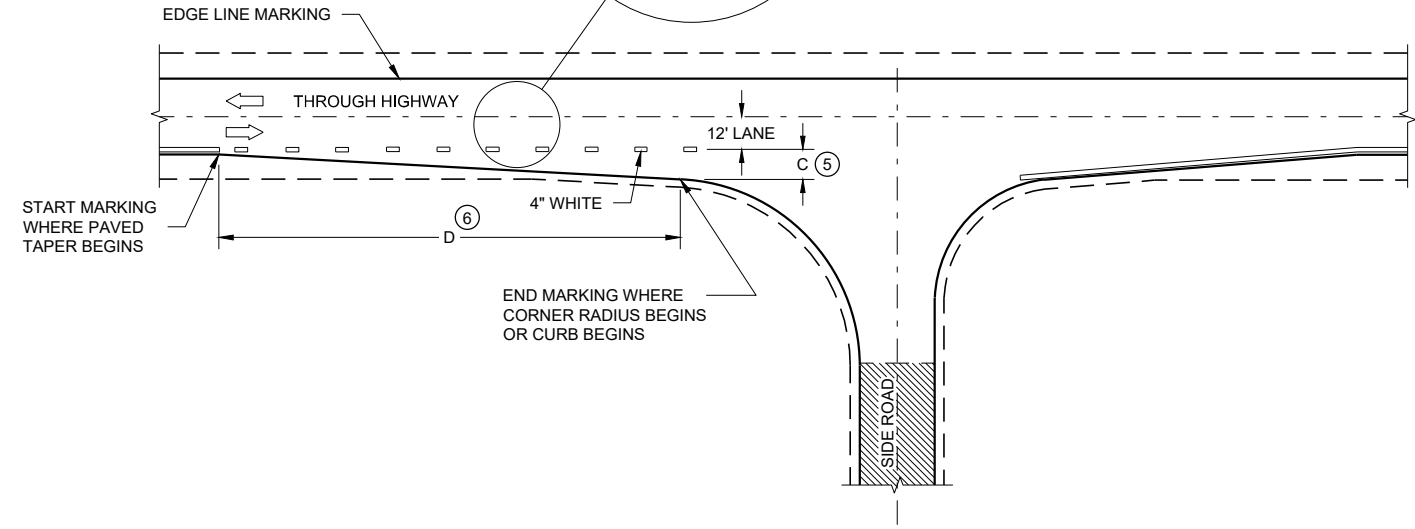
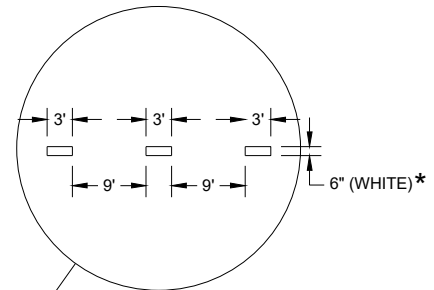
TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 /S/ Matthew Rauch
DATE STATE SIGNING AND MARKING ENGINEER

FHWA



MINOR INTERSECTION

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

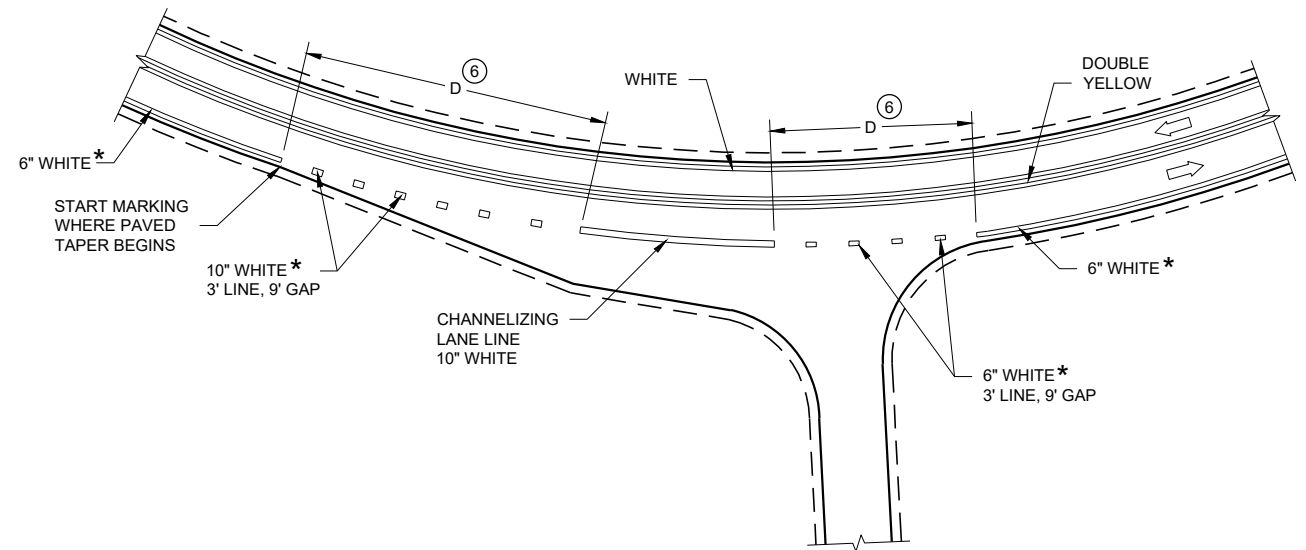
GENERAL NOTES

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

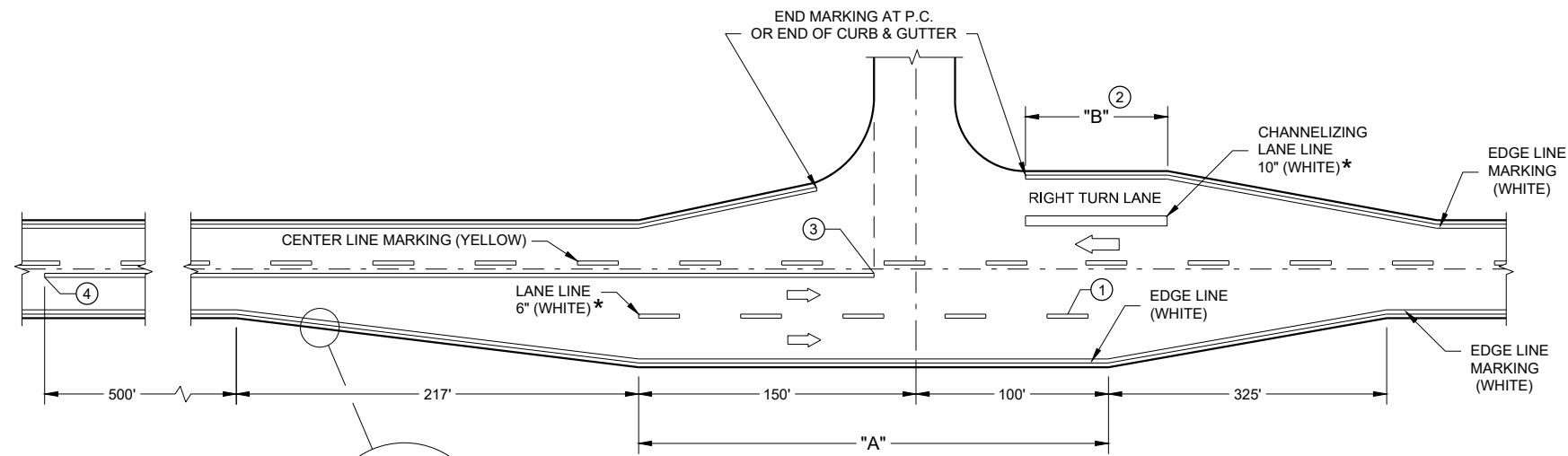
- ① WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
- ② WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
- ③ BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
- ④ BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
- ⑤ WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
- ⑥ WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

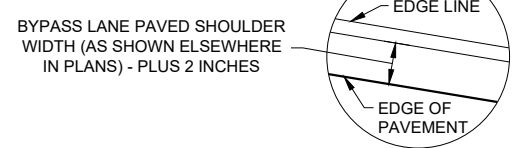
➔ DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE

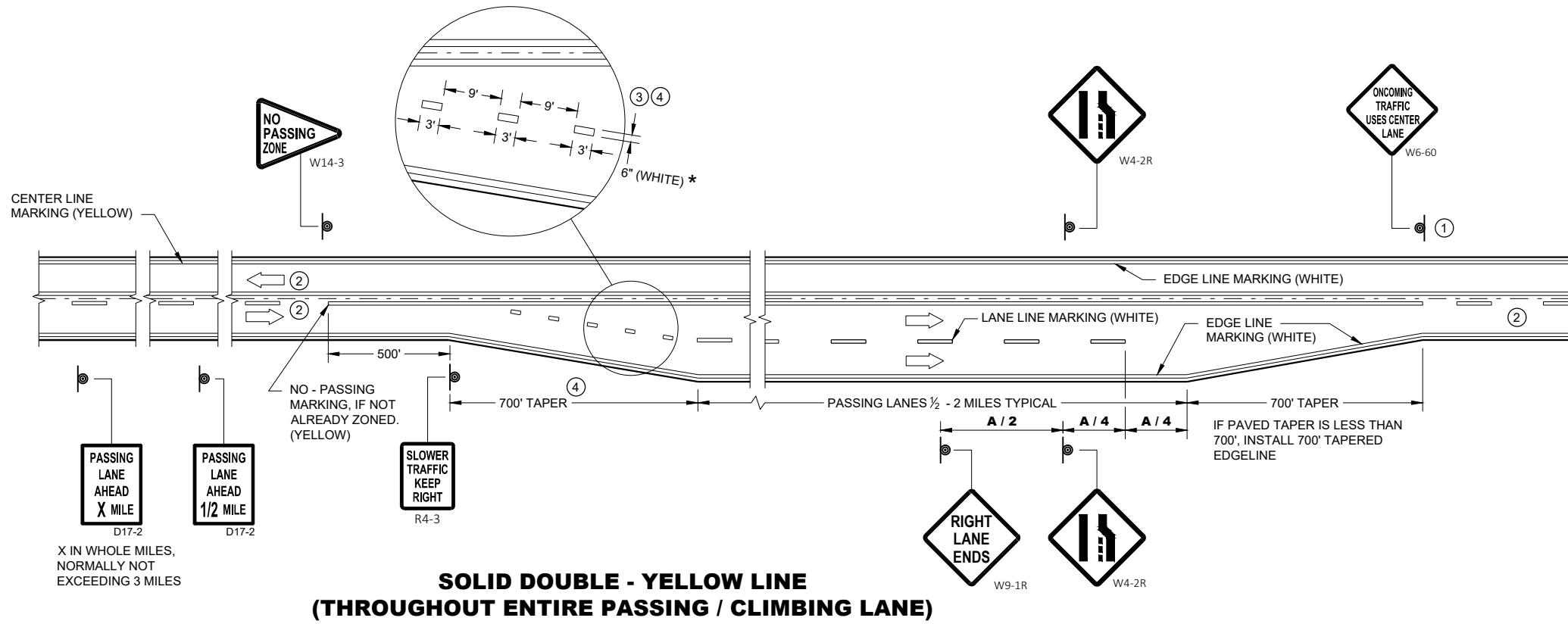


**MAJOR INTERSECTIONS
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)**



**PAVEMENT MARKING
(INTERSECTIONS)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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

GENERAL NOTES

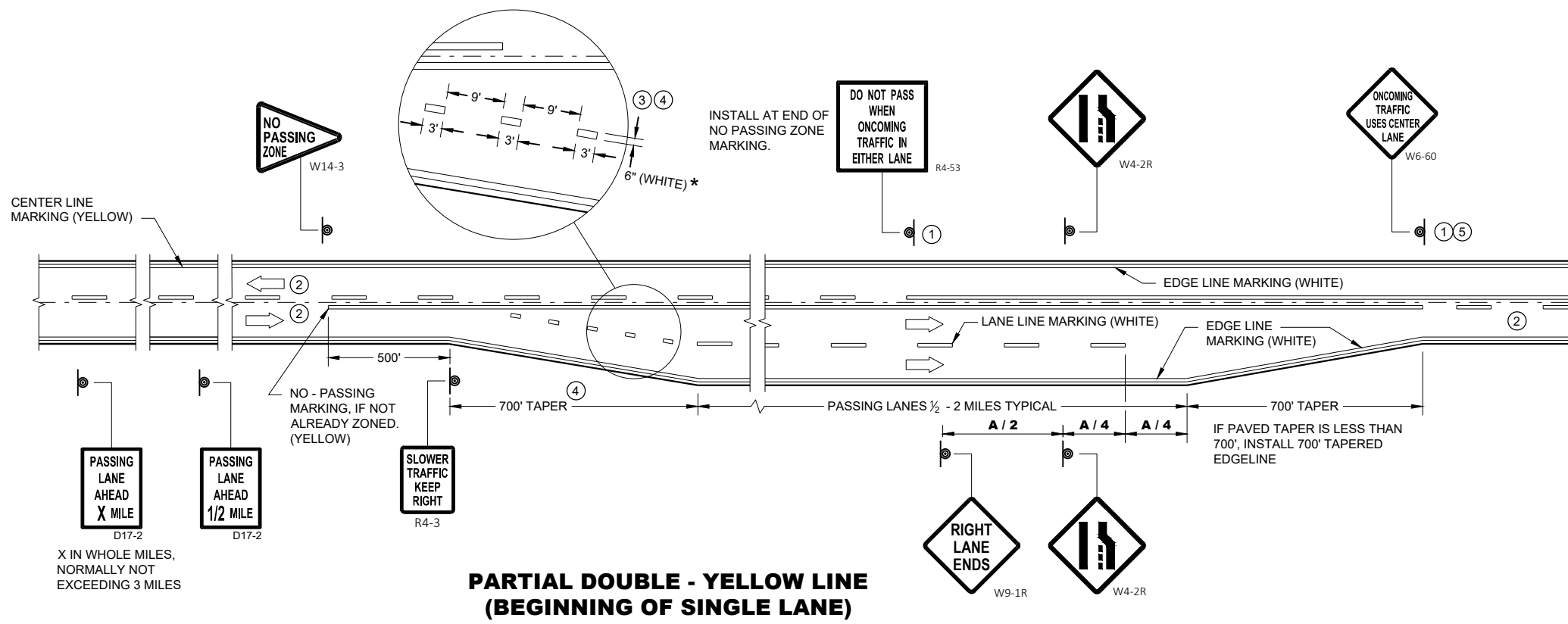
- ① SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
- ② THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- ③ THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE, 9' GAP, EXCEPT RETRACE THE EXISTING LINE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

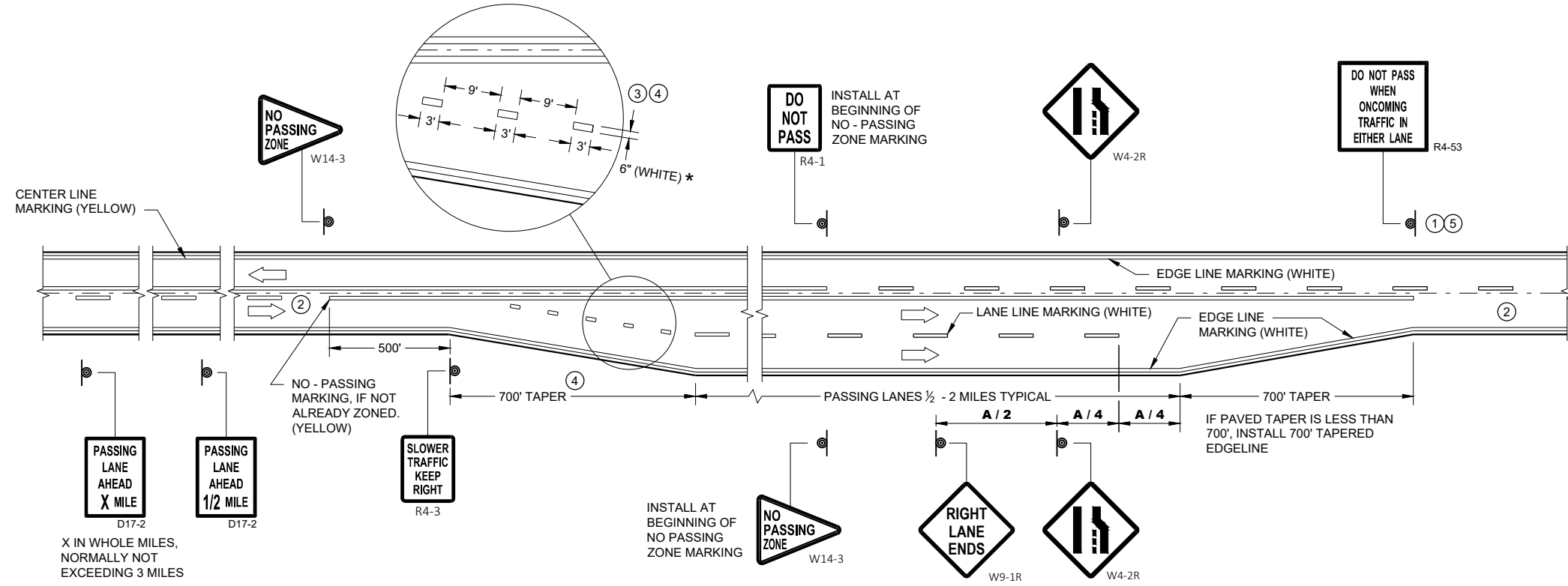
* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



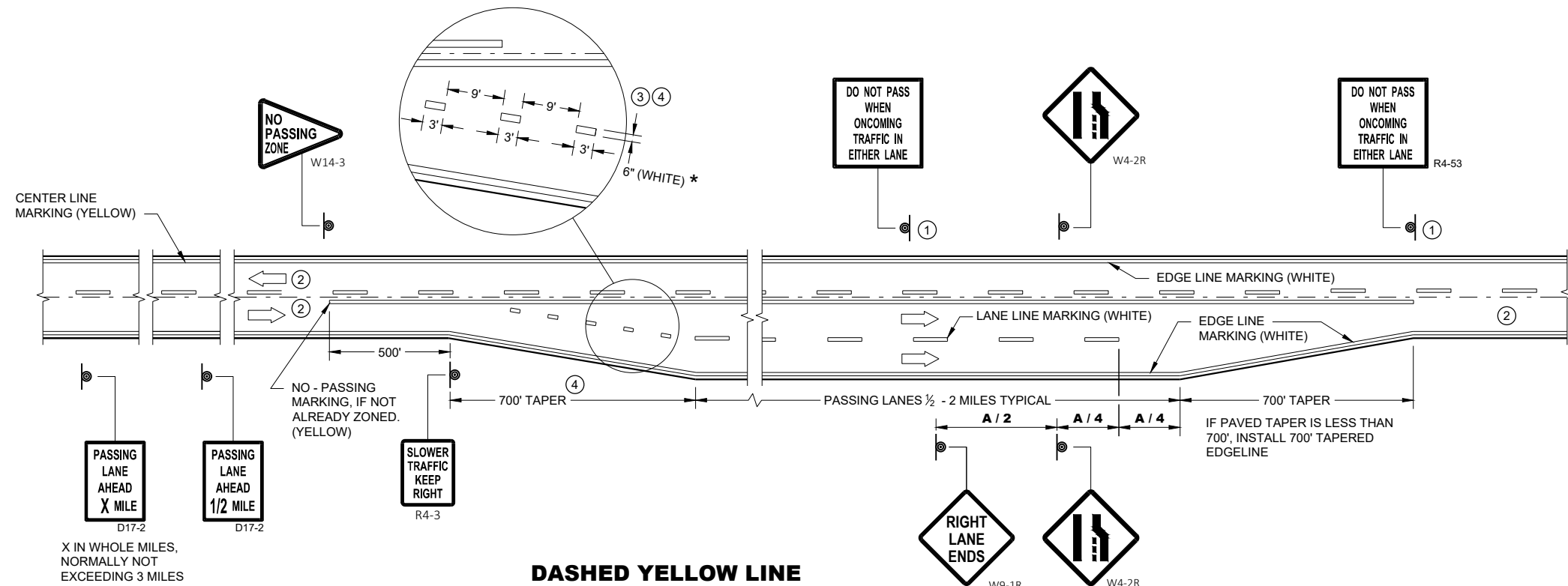
**PARTIAL DOUBLE - YELLOW LINE
(BEGINNING OF SINGLE LANE)**

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



**SOLID DOUBLE - YELLOW LINE
(END OF SINGLE LANE)**



**DASHED YELLOW LINE
(THROUGHOUT SINGLE 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.
- 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
DATE: May 2023 /S/ Jeannie Silver
STATE SIGNING AND 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.

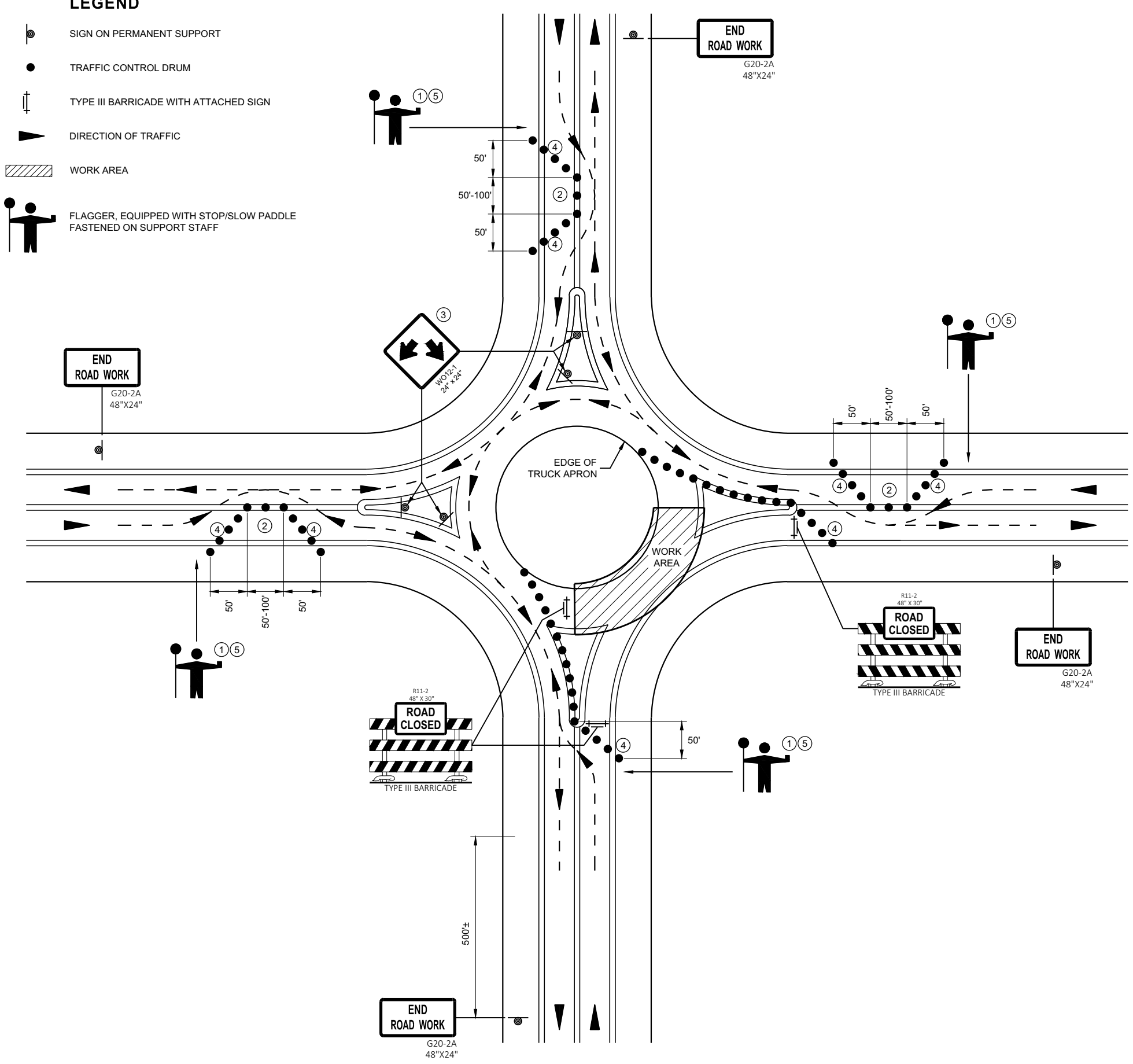
THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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 (WO12-1) 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

6

6

TRAFFIC CONTROL, FLAGGING OPERATION, ROUNDABOUT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
DATE May 2020 /S/ Andrew Heidtke
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

FHWA



Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

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