

GRE

FEBRUARY 2023

PROJECT ID:
WITH: N/A

1009-34-35

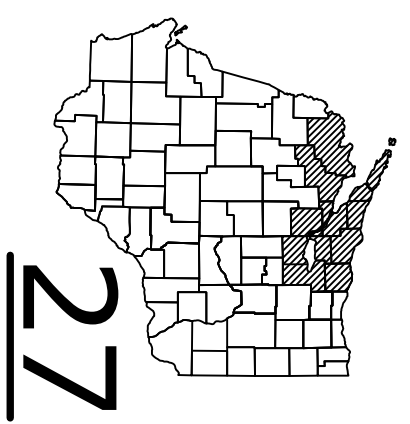
COUNTY:

NE REGION WIDE

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	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

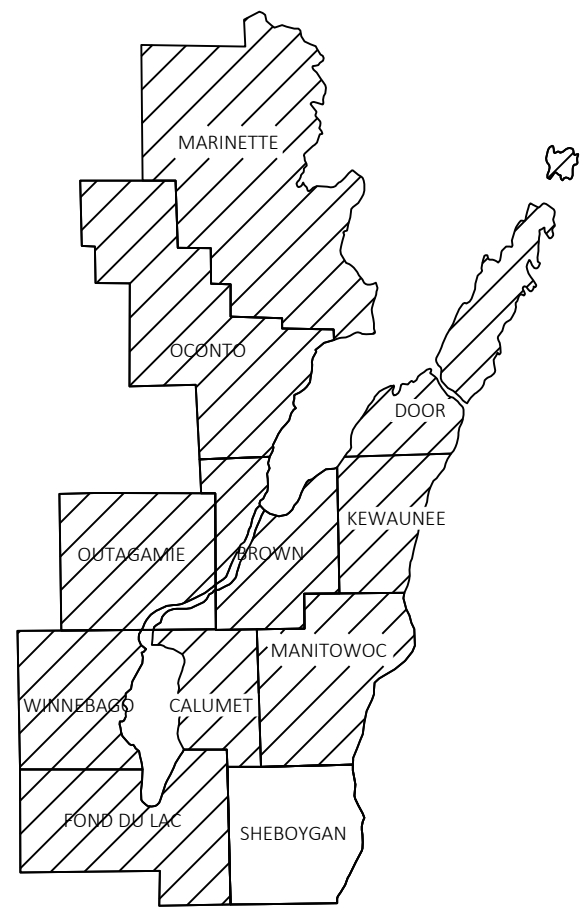
EPOXY PAVEMENT MARKING-STH/USH

LOCATIONS ON STN PER ANNUAL PLN

VAR HWY

NORTHEAST REGION WIDE

STATE PROJECT NUMBER
1009-34-35



BROWN CO	6.75 MILES
DOOR	37.00 MILES
CALUMET CO	13.50 MILES
FOND DU LAC CO	2.00 MILES
KEWAUNEE CO	4.00 MILES
MANITOWOC CO	16.0 MILES
MARINETTE CO	15.00 MILES
OCONTO CO	19.00 MILES
OUTAGAMIE CO	15.90 MILES
WINNEBAGO	17.75 MILES
TOTAL	146.90 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
1009-34-35		

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: 10/31/2022

(Signature)

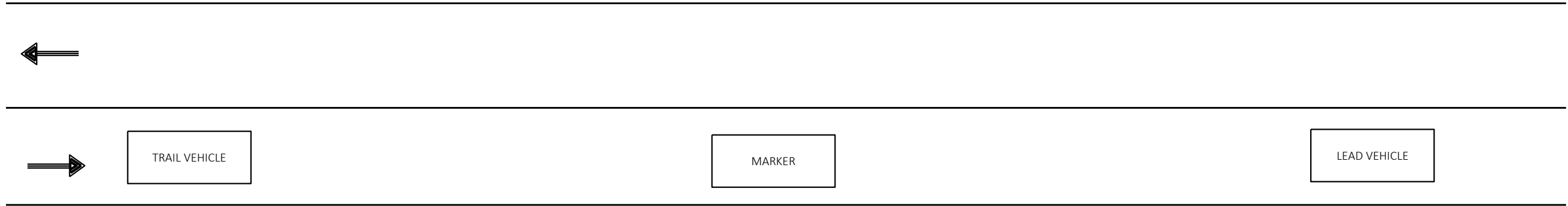
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GENERAL NOTES

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:

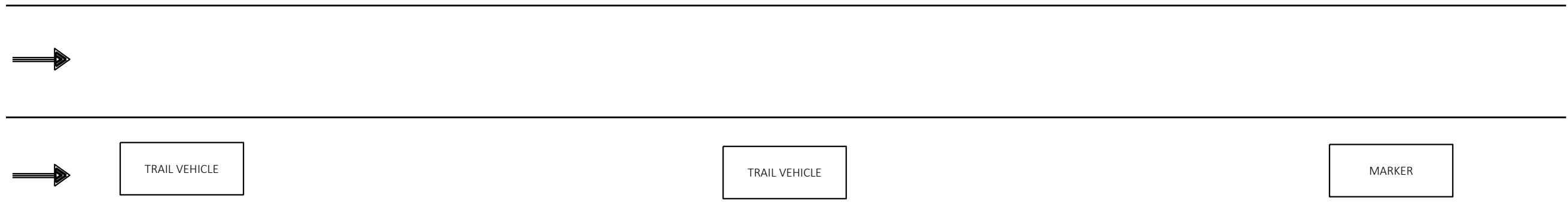
ALL VEHICLES SHALL HAVE FLASHING WARNING LIGHTS, FRONT AND REAR.

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

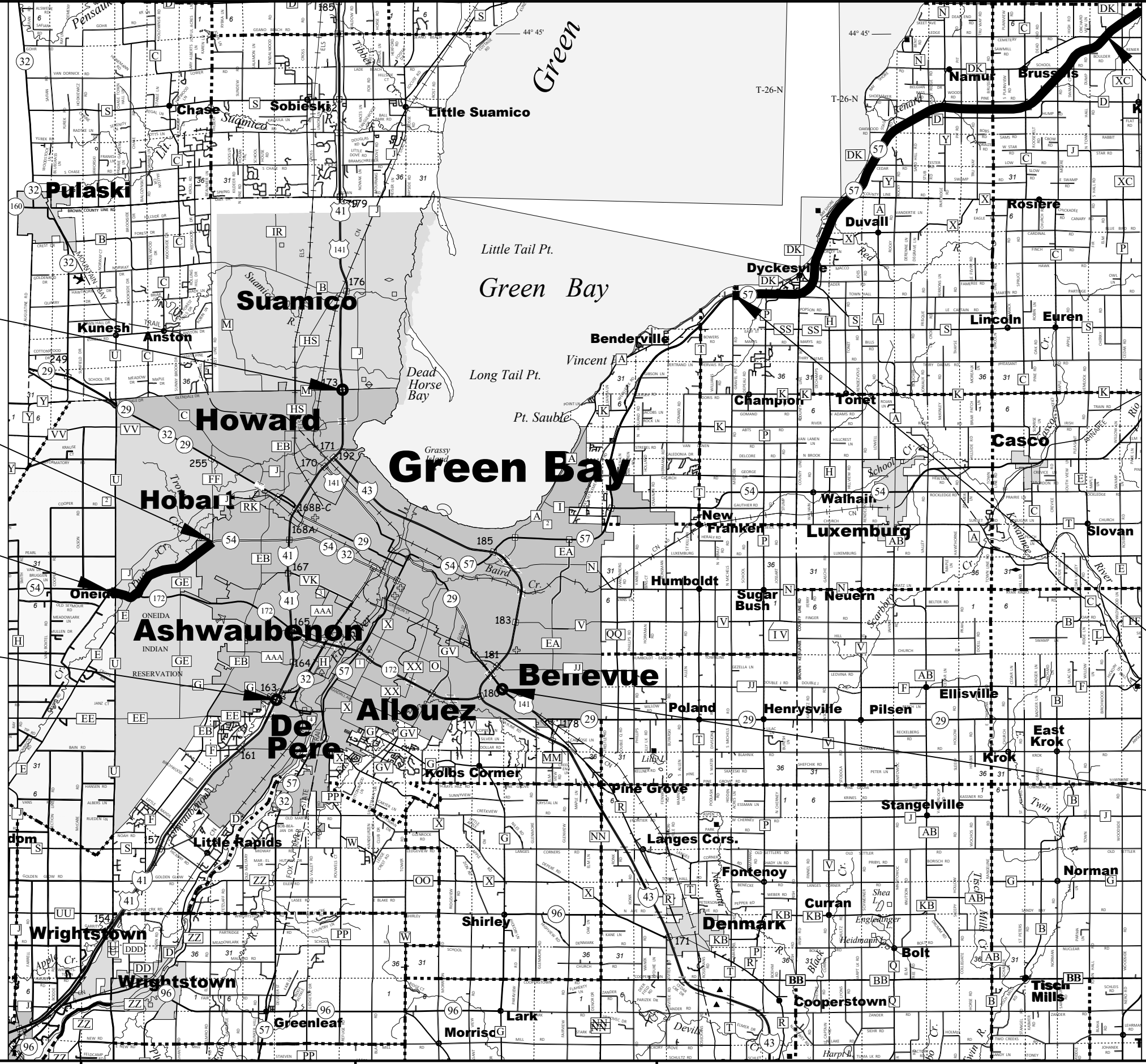


SIGN
 "ROADWAY MARKING"
 * VEHICLE CONVOY
 WET ** LINE

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

SIGN
 "WET PAINT/EPOXY"
 FREQUENT STOPS

DIVIDED ROADWAYS
(ALL SIGNS AND ARROW BOARDS FACING REAR)



USH 41 @ LINEVILLE
(RAMP ROUND A BOUT)
LOG MI 0.25

END STH 54 (GREEN BAY)
@ PLEASANT LN
LOG MI 32.20

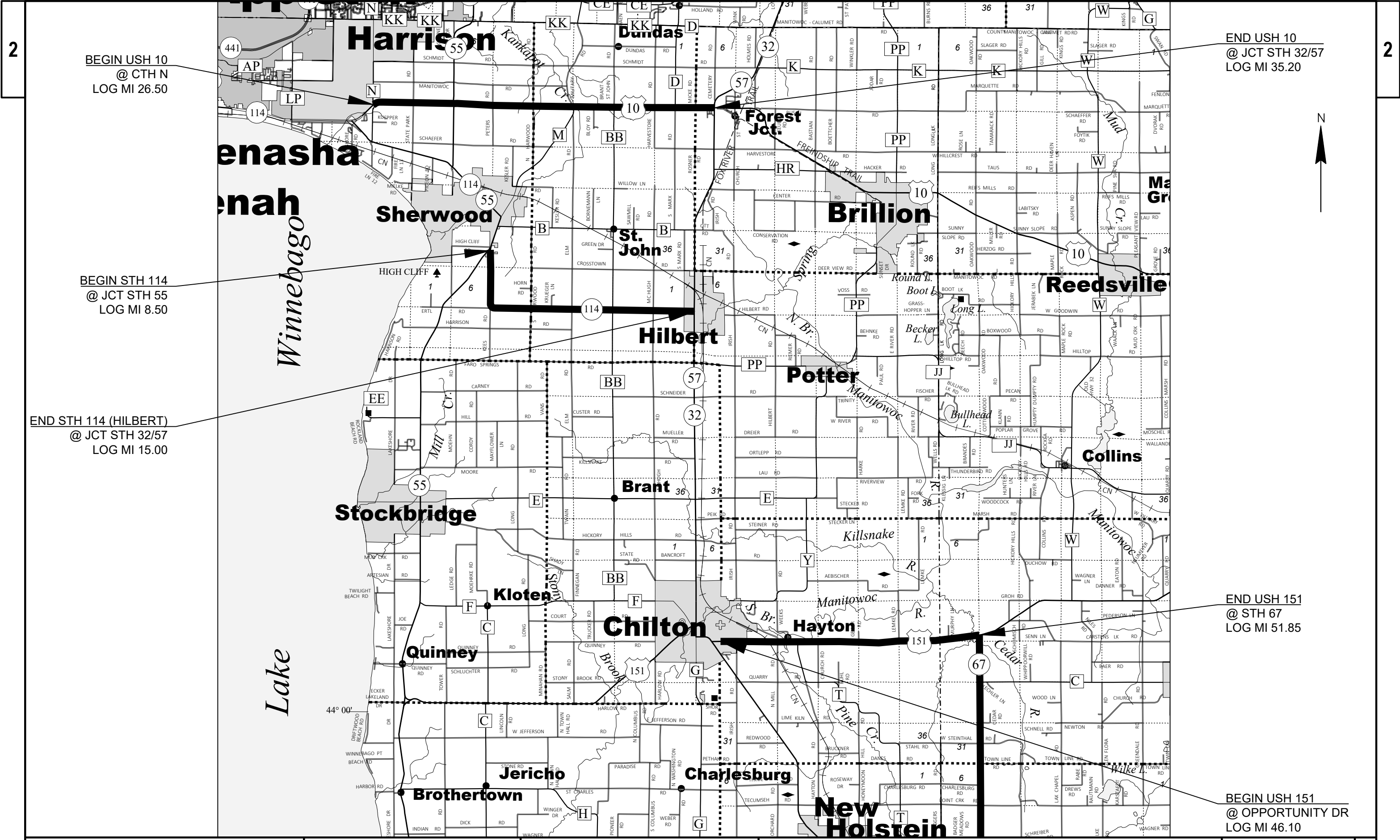
BEGIN STH 54 (ONEIDA)
@ CTH J
LOG MI 28.70

USH 41 @ CTH G
(ROUND A BOUT)
LOG MI 0.25

END STH 57
@ JCT CTH H/DK
LOG MILE 52.65

BEGIN STH 57
@ GRAVEL PIT RD
LOG MI 36.95

USH 141
@ ALLOUEZ AVE
(ROUND A BOUT)
LOG MI 0.25



BEGIN USH 10
@ CTH N
LOG MI 26.50

END USH 10
@ JCT STH 32/57
LOG MI 35.20

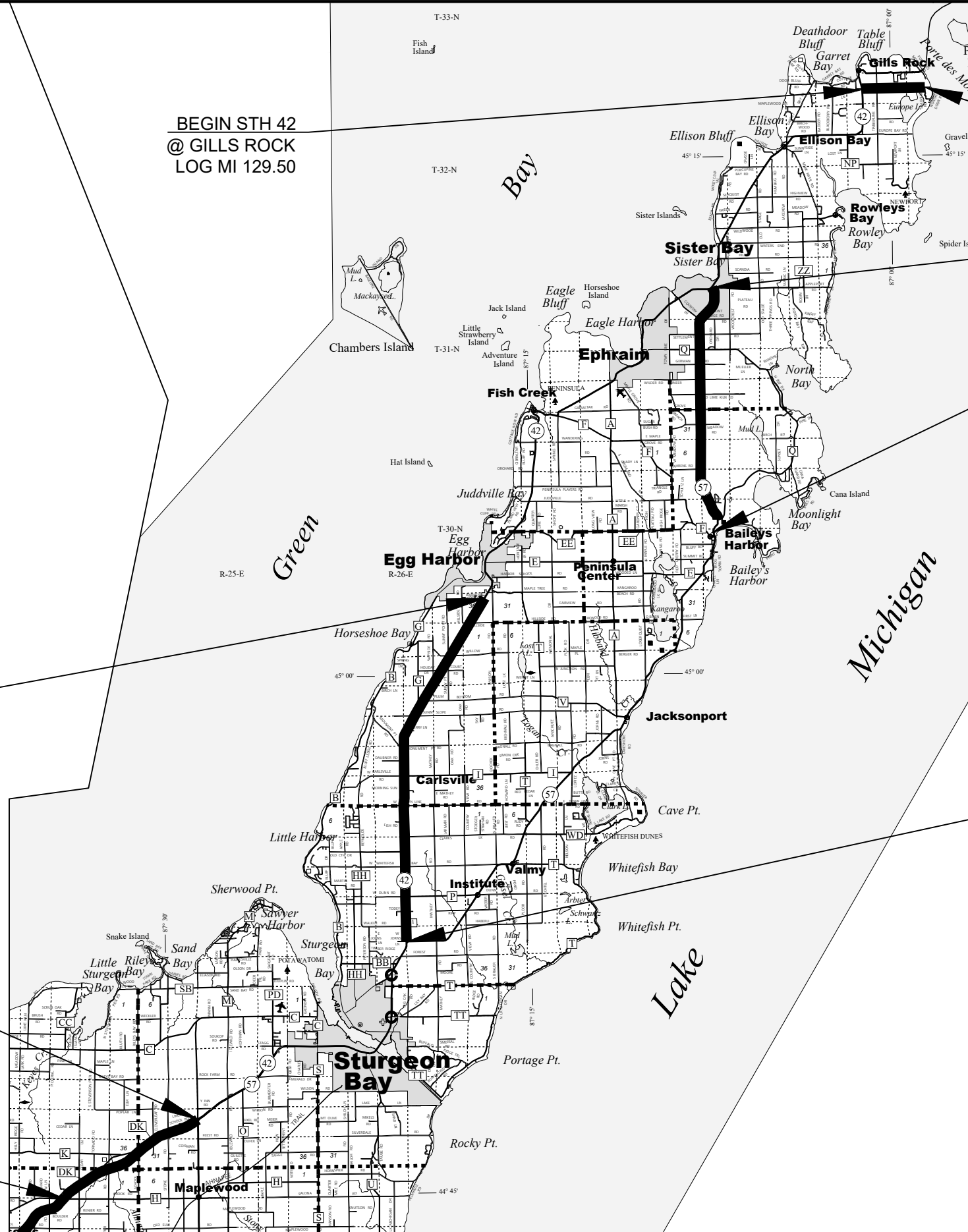
BEGIN STH 114
@ JCT STH 55
LOG MI 8.50

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

END USH 151
@ STH 67
LOG MI 51.85

BEGIN USH 151
@ OPPORTUNITY DR
LOG MI 46.10

PROJECT NO: 1009-34-35	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET	E
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BEGIN STH 42
@ GILLS ROCK
LOG MI 129.50

END STH 57
@ NORTHPORT
LOG MI 131.70

END STH 57
@ N. JCT STH 42/57
(SISTER BAY)
LOG MI 84.95

BEGIN STH 57
@ CTH Q
(BALIEYS HARBOR)
LOG MI 76.85

END STH 42
@ RAINBOW RIDGE CT
(EGG HARBOR)
LOG MI 103.70

BEGIN STH 42
@ MID JCT STH 42/57
LOG MI 91.50

END STH 57
@ S. JCT STH 42/57
LOG MI 57.85

BEGIN STH 57
@ CTH H/DK
LOG MI 52.65

PROJECT NO: 1009-34-35	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET	E
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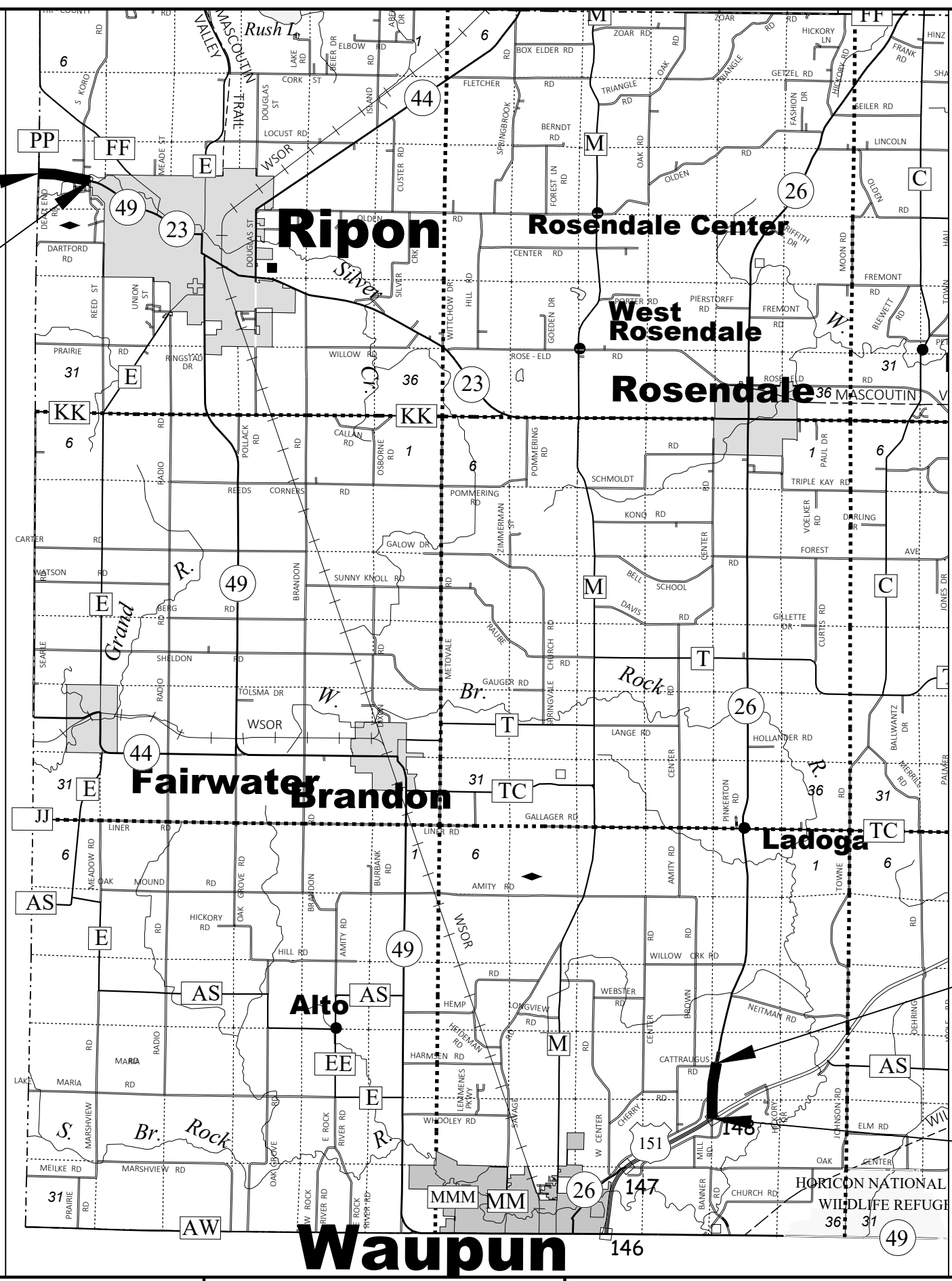


BEGIN STH 23
@ FDL/GREEN LAKE CO LINE
LOG MI 0.00

END STH 23
@ ARCADE GLEN
RD
LOG MI 0.70

END STH 26
@ CATTARAUGUS RD
LOG MI 1.00

BEGIN STH 26
@ USH 151
LOG MI 0.00



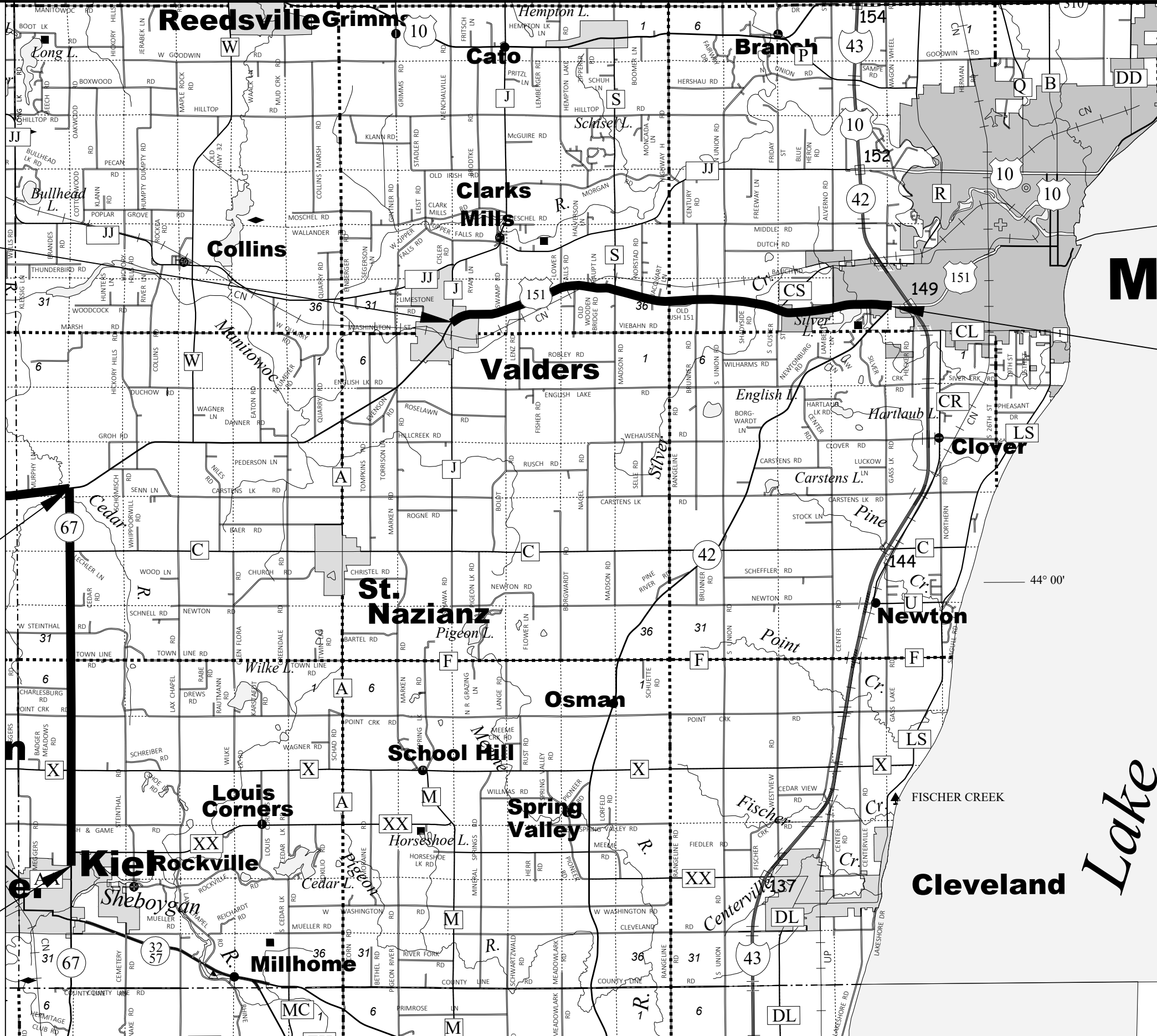


BEGIN USH 151
@ CTH J (VALDERS)
LOG MI 60.00

END USH 151
@ STH 42 SB
LOG MI 68.00

END STH 67
@ USH 151
LOG MI 49.90

BEGIN STH 67
@ KIEL
LOG MI 42.75



PROJECT NO: 1009-34-35	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET	E
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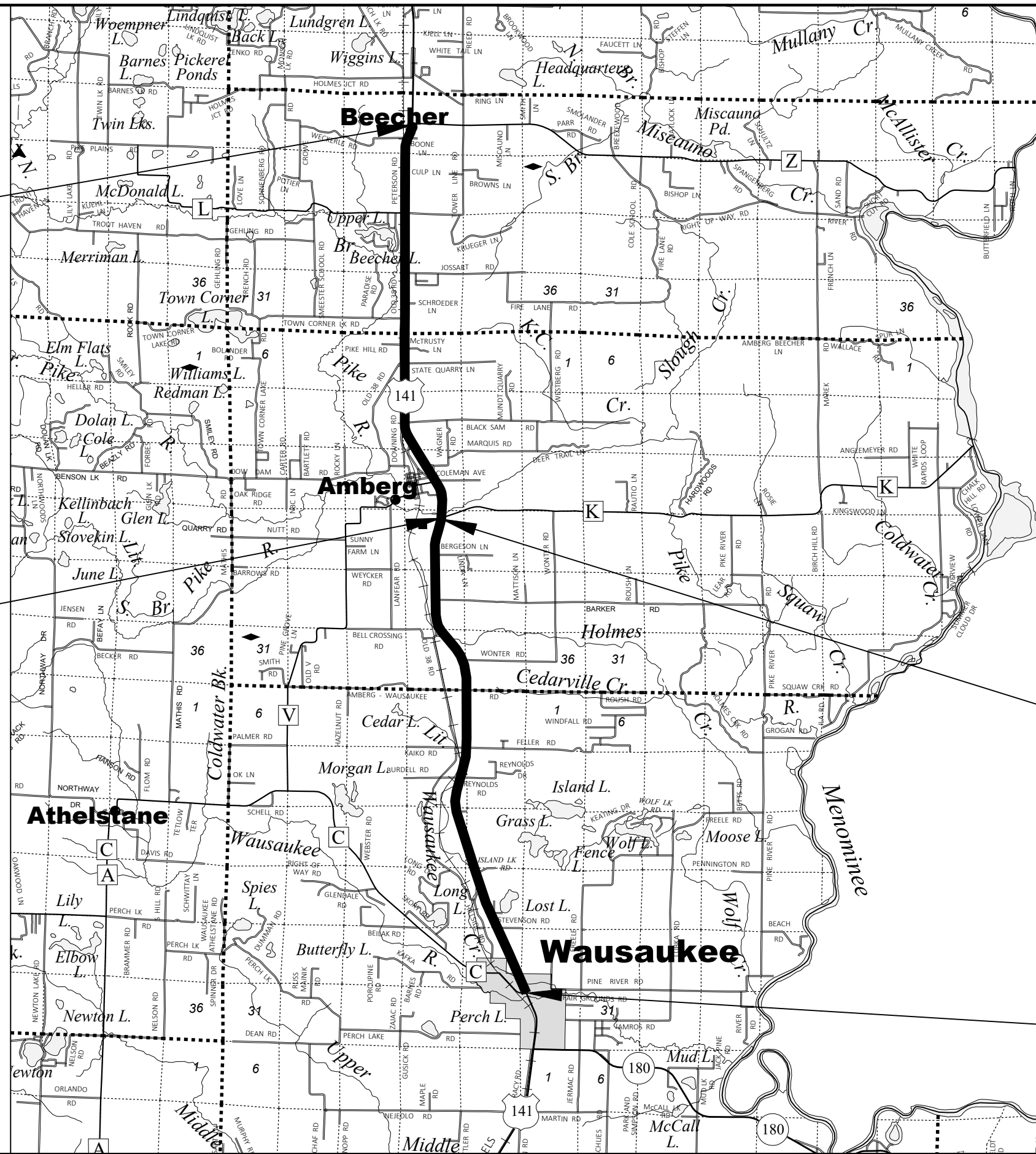


END USH 141
@ CTH Z (BEECHER)
LOG MI 70.35

BEGIN USH 141
@ CTH K (AMBERG)
LOG MI 63.55

END USH 141
@ CTH K (AMBERG)
LOG MI 63.55

BEGIN USH 141
@ CTH C (WAUSAUKEE)
LOG MI 55.45



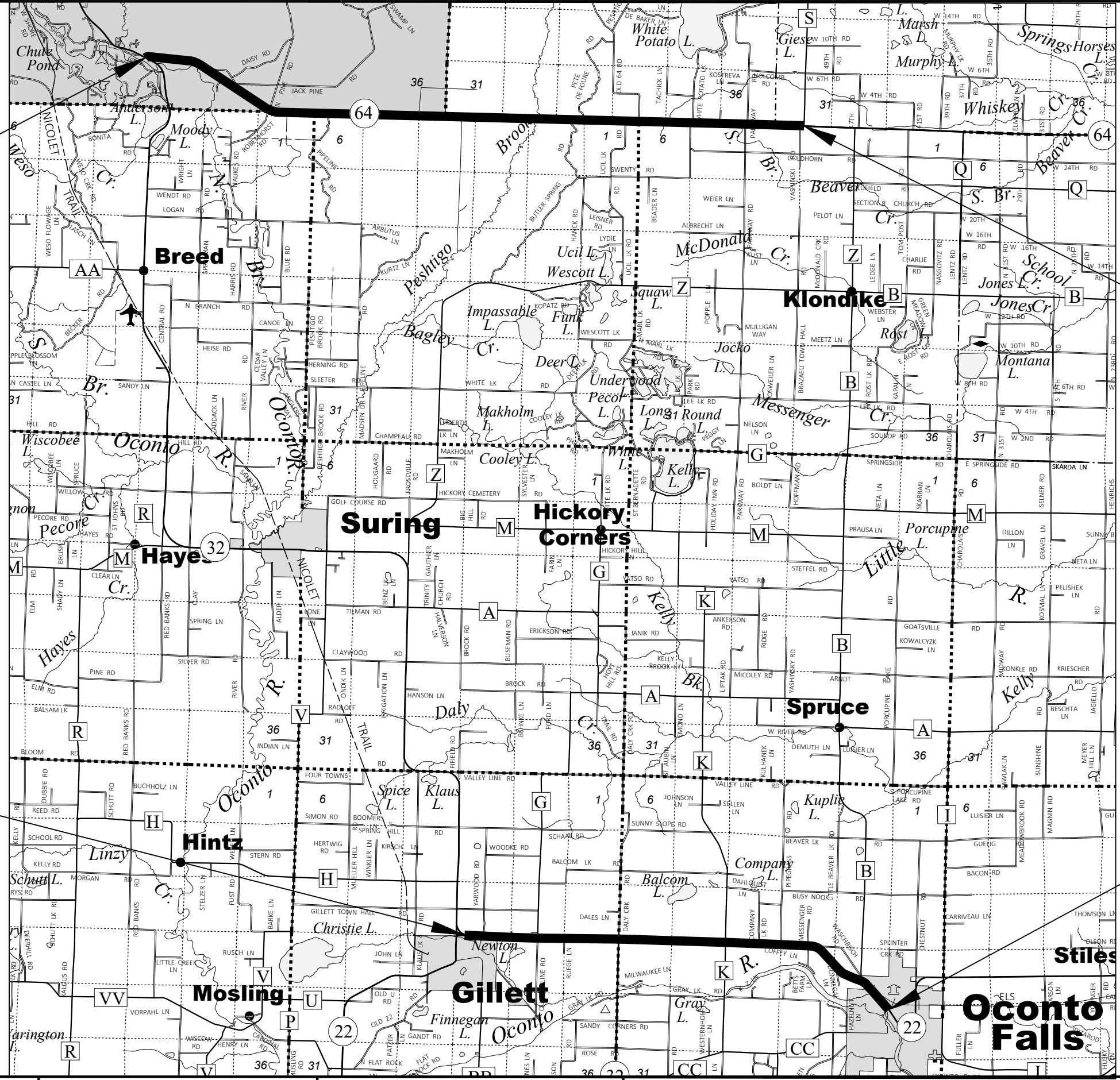


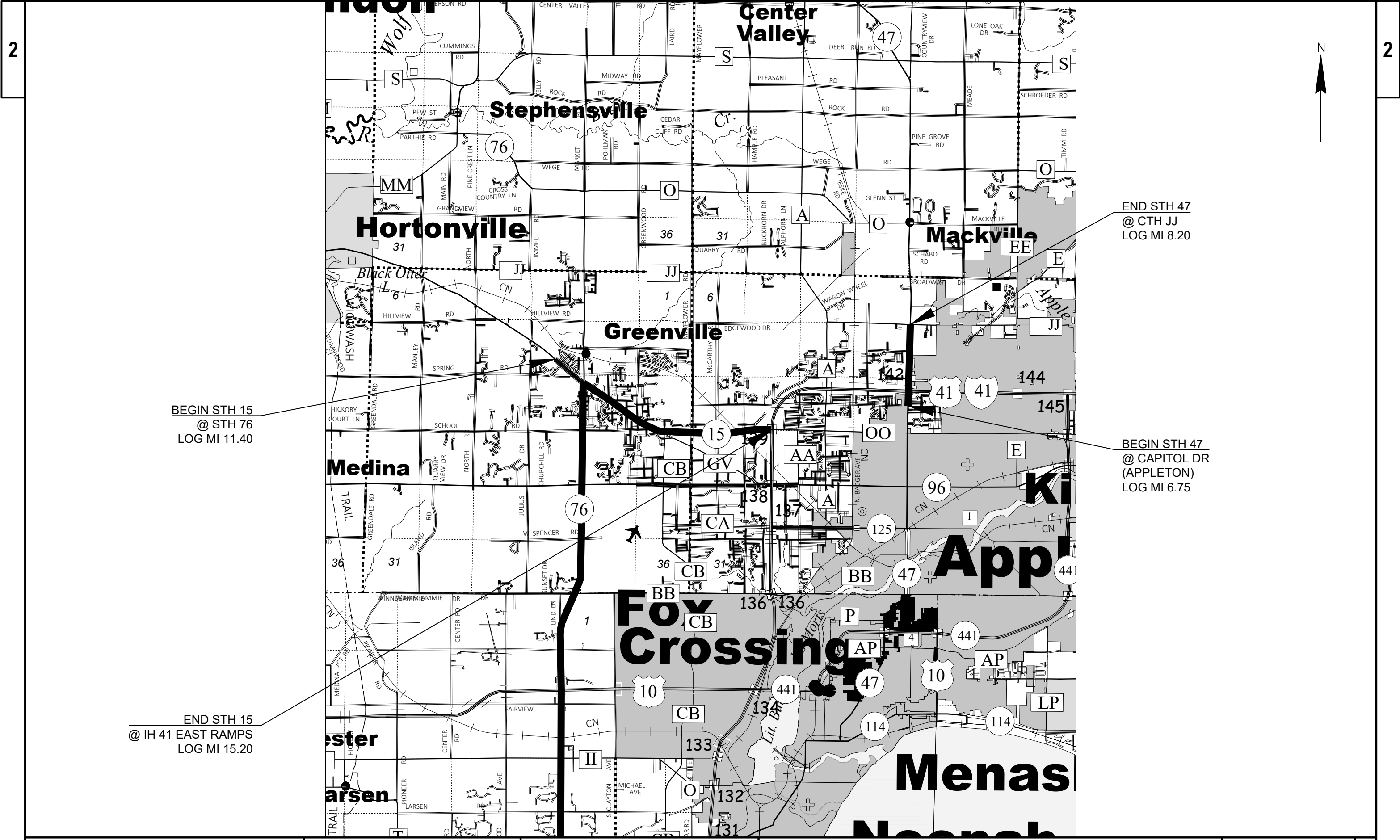
BEGIN STH 64
@ S. JCT STH 32/64
LOG MI 6.80

END STH 64
@ CTH S
LOG MI 19.10

BEGIN STH 22
@ NORTH MCKENZIE
AVE
(GILLETT)
LOG MI 5.40

END STH 22
@ HIGHLAND RD
(OCONTO FALLS)
LOG MI 12.30



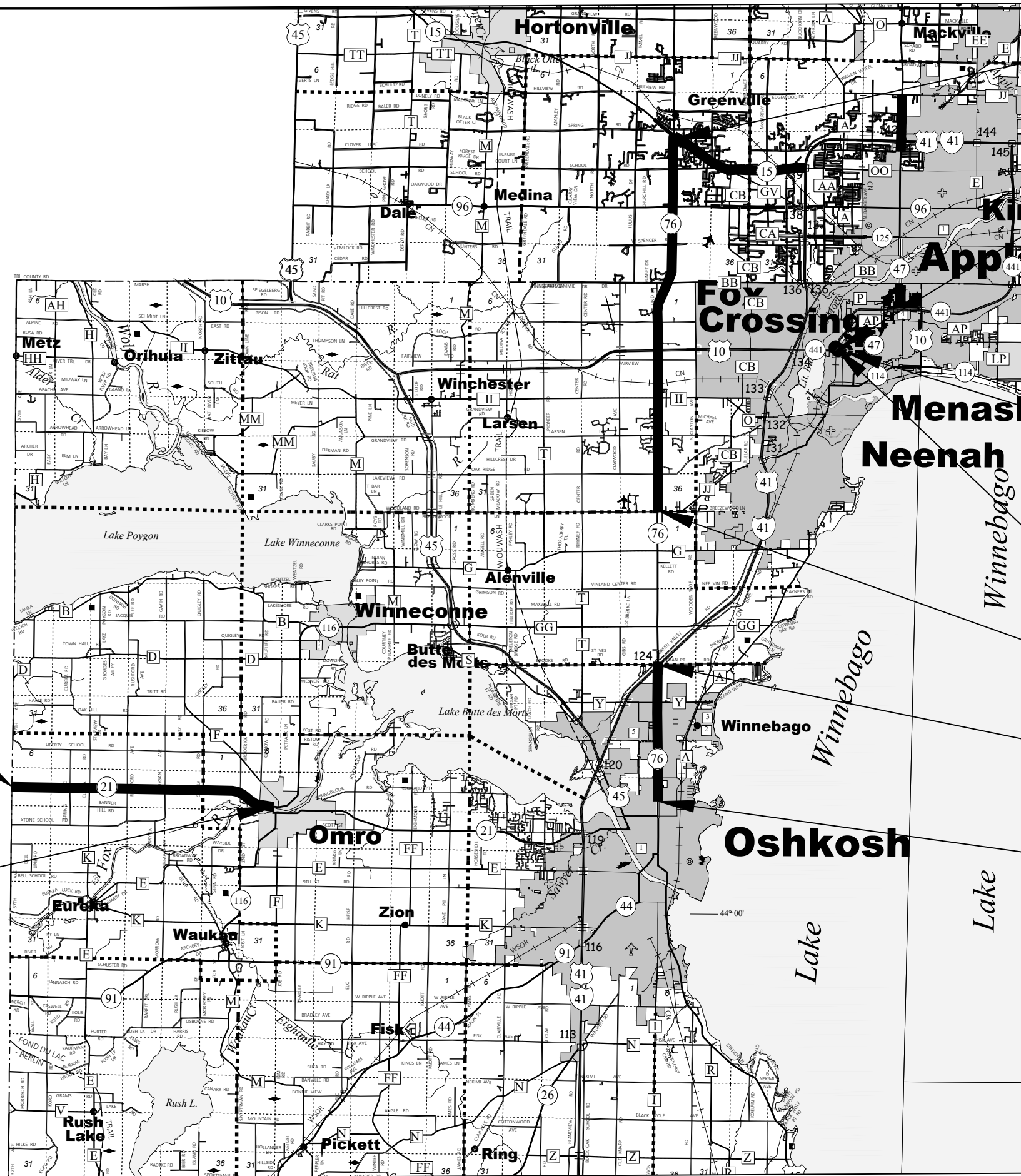


BEGIN STH 15
@ STH 76
LOG MI 11.40

END STH 47
@ CTH JJ
LOG MI 8.20

BEGIN STH 47
@ CAPITOL DR
(APPLETON)
LOG MI 6.75

END STH 15
@ IH 41 EAST RAMPS
LOG MI 15.20



BEGIN STH 21
@ WCL
LOG MI 0.00

END STH 21
@ JCT STH 116 EB
LOG MI 7.00

END STH 76
@ STH 15
LOG MI 18.00

USH 10 RACINE ST
RAIL ROAD CROSSING
LOG MI 0.25

CTH P RACINE ST
(ROUND A BOUT)
LOG MI 0.25

USH 10 EB RAMP
(ROUND A BOUT EXIT 289A)
LOG MI 0.25

BEGIN STH 76
@ CTH JJ
LOG MI 8.00

END STH 76
IH 41 @ END
DIVIDED N. OF IH 41
LOG MI 4.50

BEGIN STH 76
@ SMITH AVE
(OSHKOSH)
LOG MI 0.50

PROJECT NO: 1009-34-35	HWY: VARIES	COUNTY: VARIES	PAVEMENT MARKING LOCATION MAP	SHEET	E
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Estimate Of Quantities

1009-34-35

Line	Item	Item Description	Unit	Total	Qty
0002	619.1000	Mobilization	EACH	1.000	1.000
0004	646.1020	Marking Line Epoxy 4-Inch	LF	2,156,715.000	2,156,715.000
0006	646.3020	Marking Line Epoxy 8-Inch	LF	34,700.000	34,700.000
0008	646.5020	Marking Arrow Epoxy	EACH	101.000	101.000
0010	646.5120	Marking Word Epoxy	EACH	32.000	32.000
0012	646.5320	Marking Railroad Crossings Epoxy	EACH	14.000	14.000
0014	646.6120	Marking Stop Line Epoxy 18-Inch	LF	1,205.000	1,205.000
0016	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	495.000	495.000
0018	646.7220	Marking Chevron Epoxy 24-Inch	LF	500.000	500.000
0020	SPV.0060	Special 01. Traffic Control 1009-34-35	EACH	1.000	1.000

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH			646.3020	646.5320	646.6120	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	Rail Road Crossing Epoxy Each	STOP LINE EPOXY 18-INCH LF	
STH 15		4							
From: STH 76	11.40								East of STH 76 @ New construction
To: I 41 East Ramps	15.20								I 41 East Ramps
EAST BOUND			20,500	5,200	22,050				Edgelines / LaneLine
Hyacinth Lane						115			Left Turn
STH 76						625	40		Left / Right Turn / Stop Bars
Meadowview Dr						100			Left Turn
Ridgeway Dr						100			Left Turn
Skyline Dr						125			Right Turn
Westgreen Dr						50			Right Turn
Ellen Lane						100			Left / Right Turn
Greenwood						185			Left / Right Turns
Greenwood Intersecton (signal)							100		Stop Bars on Greenwood @ signal
Mayflower				30		385	15		Dash / Left Turn Gore / Right Turn / Stop Bar
Mc Carthy				30		475	15		Dash / Left Turn Gore / Right Turn / Stop Bar
Casaloma				30		500	2	15	Dash / Left Turn Gore / Right Turn / Stop Bar/RxR
USH 41 South Bound						260		35	Left Turn / Stop Bar
USH 41 North Bound						775		40	Left Turn / Stop Bar
I 41 North Bound Exit to STH 15								20	Stop bar @ signal Top of Exit I 41 NB Ramp
WEST BOUND			20,500	5,200	9,030				Edgelines / laneline
Exit to US 41 South Bound						275			Exit Gore to I 41 South Bound
West Ramps USH 41 to Casaloma						625			Cat Track / Mainline
Signal on STH 15 / West Ramps I 41								25	Stop Bar West Ramps I 41
Signal at top of 41 SB Exit to STH 15								25	Stop Bar at signal / Top of Exit Ramp I 41 SB
Casaloma						1,115	2	35	Left Turn Gore / Right Turn Gore / Stop Bars / RxR
Mc Carthy						530		15	Right Turn / Stop Bar
Mayflower						510		15	Left Turn Gore / Right Turn / Stop Bar
Greenwood						345			Left / Right Turns
Ellen Lane						150			Left / Right Turns
Westgreen Dr						100			Left Turn
Skyline Dr						50			Left Turn
Ridgeway Dr						50			Right Turn
Meadowview Dr						50			Right Turn
STH 76						450		40	Left / Right Turns / Stop Bar
Median						100			Left Turn
Hyacinth Lane						50			Right Turn
Lily of the Valley						310			Left / Right Turns
SUBTOTAL			41,000	10,490	31,080	8,505	4	435	
TOTAL				82,570		8,505	4	435	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH			646.3020	646.6120	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	STOP LINE EPOXY 18-INCH LF	
STH 21		7						
From: Winnebago WCL	0.00							Winnebago / Waushara Co line
To: Omro	7.00							Jct STH 116 East Bound
East Bound			37,000		34,000			Edgeline / Centerline
CTH K						450		Right Turn
Jct STH 116			250			400	40	Median Island Gore / Stop Bar
West Bound			37,000					Edgeline
CTH K						200		Right Turn
Passing Lane				1,500				Mini-dash / Lane Line
SUBTOTAL			74,250	1,500	34,000	1,050	40	
TOTAL				109,750		1,050	40	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH			646.3020	646.6120	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	STOP LINE EPOXY 18 -INCH LF	
STH 22		7						
From: Gillett	5.40							North Mc Kenzie Ave
To: Oconto Falls	12.30							Highland Dr
NORTH BOUND			40,600		42,050			Edge Line / Center Line
CTH K						200		Rt Turn
CTH B				65				Bypass Ln
SOUTH BOUND			40,350					Edge Line / Center Line
CTH B						370	45	Rt Turn / Stop Bars on CTH B
CTH K						200		Rt Turn
CTH G						200		Rt Turn
Richmond St				75				Bypass Ln
Jct STH 32 NB						200	50	Stop Bar / Gore @ Split STH 22 SB / 32 NB
Jct STH 32 NB							50	Stop Bar / N Mc Kenzie Ave / STH 32 NB
Jct N Mc Kenzie Ave							30	Stop Bar / N Mc Kenzie Ave / STH 22 SB
SUBTOTAL			80,950	140	42,050	1,170	175	
TOTAL				123,140		1,170	175	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH			646.3020	646.5020	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	ARROWS EPOXY TYPE 2 EACH	
STH 23		1.00						
From:Fond Du Lac Co Line	0.00							Fond Du Lac / Green Lake Co Line
To: Ripon	0.70							Pavement Change West of Arcade Glen
East Bound								
Center line/Edge Line/Lane Line			3,600	165	5,000			
Commorn Rd						100	1	Right Turn
West Bound								
Edge Line/Lane Line			3,600	165	1,600			
Commorn Rd						100		
CTH PP						200		Right Turn
SUBTOTAL			7,200	330	6,600	400	1	
TOTAL				14,130		400	1	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH			646.3020	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	
STH 26		1					
FROM: South Ramps USH 151	0.00						South Ramps @ Jct STH 151
To: Cattaraugus Rd	1.00						Pvmt Change @ Cattaraugus Rd
North Bound			4,600	1,400	5,630		Edge Lines / Lane Line
Rt Turn USH 151 NB						75	Rt Turn STH 151 NB
Lt Turn USH 151 SB / STH 26 SB						130	Lt Turn STH 151 SB / STH 26 SB
Lt Turn Frontage Rd						220	Lt Turn Frontage Rd
Lt Turn Cattaraugus Rd						200	Lt Turn Cattaraugus Rd
South Bound			5,120	1,400	5,500		
Lt / Rt Turn Cattaraugus Rd						265	Lt / Rt Turn Cattaraugus Rd
Frontage Rd						270	Solid / Dash Rt Turn
STH 26 SB / USH 151 SB						800	Gore @ Enterance
USH 151 NB						130	Lt Turn
SUBTOTAL			9,720	2,800	11,130	2,090	
TOTAL				23,650		2,090	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH		SOLID YELLOW LF	646.3020 EPOXY 8-INCH WHITE LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF			
STH 42		12					
From: STH 42 / 57	91.5						Sturgeon Bay
To: Egg Harbor	103.7						Rainbow Ridge Ct
North Bound			63,000		57,300		Center Line / Edge Line
CTH P						200	Right Turn
Whitefish Bay rd						200	Right Turn
CTH HH				65			Bypass Lane
CTH I						200	Right Turn
CTH G				65			Bypass Lane
Wayside				150			Bypass Lane
Hillside Rd				120			Right Turn
Hillside Rd				65			Bypass Lane
South Bound			63,000				Edge Line
Hillside Rd						120	Right Turn
CTH I						200	Right Turn
Whitefish Bay rd						125	Right Turn
CTH P						200	Right Turn
STH 57 North Bound						50	Left Turn
SUB TOTAL			126,000	465	57,300	1,295	
TOTAL				183,765		1,295	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH		646.3020 EPOXY 8-INCH SOLID WHITE LF	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF		
STH 42		2				
From: Gills Rock	129.50					
To: Northport	131.70					
North Bound			12,000	23,500		Edge Line / Center Line
Ferry					600	Turn Lane
South Bound			12,000			Edge Line
SUBTOTAL			24,000	23,500	600	
TOTAL				47,500	600	

3

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH			646.3020 EPOXY 8-INCH LF	646.5020 ARROWS EPOXY (TYPE 2) EACH	646.5120 WORDS EPOXY (ONLY) EACH	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF					
STH 47		1.50								
From: Capitol Drive	6.75									Pvmt Change 600 L.F. N.of W. Capitol Dr.
To: CTH JJ	8.20									Jct CTH JJ
NORTH BOUND			5,550	2,000	11,800					Edge Lines / Lane Line
USH 41 NB						370				Rt Turn / Island Gore / USH 41 NB
Evergreen Dr						475	4	2	50	Rt/Lt Turns / Stop Bar / Arrows / Words
West Elsner Rd						165				Lt Turn
CTH JJ						500				Rt / Lt Turns
SOUTH BOUND			5,385	2,000	2,165					Edge Lines / Lane Line
West Elsner Rd						100				Lt Turn
Evergreen Dr						665	6	2		Rt / Lt Turns
USH 41 SB						400				Rt Turn / Island Gore / USH 41 SB
SUBTOTAL			10,935	4,000	13,965	2,675	10	4	50	
TOTAL				28,900		2,675	10	4	50	

3

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH			646.3020 EPOXY 8-INCH LF	646.5020 ARROWS EPOXY (TYPE 2) EACH	646.5120 WORDS EPOXY (ONLY) EACH	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF				
STH 54		3.50							
From: Oneida	28.70								CTH J Round a bout
To: Green Bay	32.20								Pleasant Lane
EAST BOUND			16,525		19,650				Edge Line / Center Line
CTH U						225	3	2	Rt Turn / dash / Arrows / Only
North Overland Dr				90					Bypass Lane
CTH GE						200			Rt Turn
CTH GE to Haven PI				150					Lane Line
Haven PI						200	2	1	Rt Turn
Pleasant Dr				175		100			Lane Line / Lt Turn
WEST BOUND			16,100						Edge Line
Pleasant Dr to end divided				65					Lane Line / Push over arrow
CTH GE				65					bypass Lane
Landfill						140			Rt Turn
Bay Ridge Ct				20					Edge Line Extension
North Overland Dr						370			Rt Turn
CTH U				50		100	2	1	Lt Turn / Dash / Arrows / Only
CTH U				40			2	1	Rt Turn / Dash / Arrows / Only
SUB-TOTALS			32,625	655	19,650	1,335	9	5	
TOTAL				52,930		1,335	9	5	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH		646.3020	646.6120	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	STOP LINE 18-INCH EPOXY LF	
STH 57		8.00					
From: Baileys Harbor	76.85						CTH Q
To: Sister Bay	84.95						North Jct STH 42/57
North Bound			42,000	45,500			
N Jct CTH Q					165	25	Rt Turn
Old Stage					200		Rt Turn
Sister Bay						15	Jct STH 42
South Bound			42,000				
N Jct CTH Q					200		
SUBTOTAL			84,000	45,500	565	40	
TOTAL			129,500		565	40	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH			646.3020	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	STOP LINE EPOXY 18-INCH LF	
STH 57		16.00					
From: Gravel Pit Rd	36.95						Bay Shore County Park / Gravel Pit Rd
To: CTH H / DK	52.65						CTH H / DK
North Bound			80,300		82,000		Edge Lines
Exit Ramp CTH P / DK			1,300	45	1,000	40	Exit Ramp Mini Dash / Edge Lines / Stop Bar CTH P / DK Top of Ramp
On Ramp CTH P / DK			2,500		1,000		On Ramp Edge Lines CTH P / DK
South Bound			80,625		82,000		Edge Lines
Exit Ramp CTH P / DK			1,500	45	1,065	35	Exit Ramp Mini Dash / Edge Lines / Stop Bar CTH P / DK Top of Ramp
On Ramp CTH P / DK			1,825		910		On Ramp Edge Lines CTH P / DK
SUB-TOTALS			168,050	90	167,975	75	
TOTAL			336,115			75	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH		REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	
STH 57		5.00			Door County
From: CTH H / DK	52.65				CTH H / DK
To: S Jct 42/57	57.85				S Jct 42/57
North Bound			27,000	27,000	Edge Lines
South Bound			27,000	27,000	Edge Lines
SUB-TOTALS			54,000	54,000	
TOTAL			108,000		

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH			646.3020	REMARKS
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	
STH 64		12.00					
From: STH 32	6.80						Jct STH 32 Chute Pond
To: CTH S	19.10						Jct CTH S
EAST BOUND			65,000		34,000		Center Line / Edge Line
Ucil Lake Rd						200	Rt Turn
Old Highway 64 Rd				65			Bypass Lane
WEST BOUND			65,000				Edge Line
Old Highway 64 Rd						185	Rt Turn
Ucil Lake Rd				65			Bypass Lane
SUBTOTAL			130,000	130	34,000	385	
TOTAL				164,130		385	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH		646.3020	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	
STH 67		7.00				
From: Kiel	42.75					Begin @ Roundabout CTH AA
To: USH 151	49.90					Jct USH 151 / STH 67
North Bound			36,800	23,400		Edge Line / Center Line
Jct STH 151					30	Island Gore
South Bound			37,300			Edge Line
SUB-TOTALS			74,100	23,400	30	
TOTAL				97,500	30	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH			646.3020	646.5020	646.5120	646.5320	646.6120
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	EPOXY ARROWS TYPE 2 EACH	EPOXY WORD ONLY EACH	RAILROAD CROSSING EPOXY EACH	STOP LINE EPOXY 18-INCH LF
STH 76		4								
From: Smith Ave	0.50									
To: Green Valley Rd	4.50									
NORTH BOUND			13,500	5,000	42,000					
Rail Road Crossing								2		
Snell Rd						125			35	
CTH Y						325	4	2	50	
USH 41						265				
USH 41						370				
Green Valley Rd									25	
Green Valley Rd						320				
SOUTH BOUND			13,500	5,000						
Green Valley Rd						320				
USH 41						200				
USH 41						320				
CTH Y						335	4	2	50	
Police Station						150				
Snell Rd						250			50	
Rail Road Crossing								2		
W Smith Ave						125	1	1		
SUBTOTAL			27,000	10,000	42,000	3,105	9	5	4	210
TOTAL				79,000		3,105	9	5	4	210

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 SOLID YELLOW LF	REMARKS
USH 151		5.75		
From: Chilton	46.10			Opportunity Dr
To: STH 67	51.85			Jct STH 67 SB / USH 151
North Bound			28,000	Centerline
Rail crossing				Hayton
TOTAL			28,000	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH			646.3020	646.5020	646.5120	646.6120
			SOLID WHITE LF	DASHED WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	EPOXY ARROWS (TYPE 2) EACH	EPOXY WORD (ONLY) EACH	STOP LINE EPOXY 18-INCH LF
STH 76		10.00							
From: CTH JJ	8.00								
To: STH 15	18.00								
NORTH BOUND			52,000		51,300				
Fox Valley Rd									25
Rose Moon Way				65					
Larsen Rd						100			
CTH II						150	2	1	25
Fairview Rd						400			
Jct USH 10				950		280			
Jct USH 10						300			
American Dr						400			
Lind Lane				75					
CTH BB						200			
STH 96						350	2	1	35
Alana Lane						200			
School Lane						200			
Green Ridge Dr						200			
Sunnyvale Lane						185			
Jct Sth 15						350			
SOUTH BOUND			52,000						
Sunnyvale Lane						75			
Green Ridge Dr						200			
School Lane						200			
STH 96						375	2	1	35
CTH BB						200			
Winfield Dr						100			
Shady Lane						75			
American Dr						400			
Jct USH 10				875		200			
Fairview Rd						400			
CTH II						150	2	1	30
Rose Moon Way						200			
SUB-TOTAL			104,000	1,965	51,300	5,890	8	4	150
TOTAL				157,265		5,890	8	4	150

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY SOLID YELLOW LF	REMARKS
STH 114		6.50		
From : Jct STH 55 (Sherwood)	8.50			Jct STH 55 South Bound / STH 114 East Bound
To: Jct STH 32/57 (Hilbert)	15.00			Hilbert
East Bound			32,500	Center Line
TOTAL			32,500	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.3020 EPOXY 8-INCH DASHED WHITE LF	646.3020 EPOXY 8-INCH SOLID WHITE LF	646.5020 ARROWS EPOXY				646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	REMARKS
					TYPE 1 EACH	TYPE 2 EACH	TYPE 2R EACH	TYPE 3 EACH		
CTH P / Racine St Round a Bout	0.25	0.25								
Approach from Ramp						2	2			
Inside RAB			75	220	1	1		1	75	Lane line Inside RAB / Island Gores
SUB TOTAL			75	220	1	3	2	1	75	
TOTAL			295			7			75	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH SOLID WHITE LF	646.3020 EPOXY 8-INCH DASHED WHITE LF	646.5020 ARROWS EPOXY				646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	REMARKS
					TYPE 1 EACH	TYPE 2 EACH	TYPE 2R EACH	TYPE 3 EACH		
USH 10 East Bound Exit 289A	0.25	0.25								Exit Ramp Round A Bout
RAB Approach						1	1			USH 10 West / STH 441 Approach
Lane Line				220	1			1	40	Inside rab
On Ramp			65	30						USH 10 West / STH 441 on ramp
SUB TOTAL			65	250	1	1	1	1	40	
TOTAL			65	250		4			40	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.5320 RAILROAD CROSSING EPOXY EACH	REMARKS
USH 10 Racine Street	0.25	0.25		USH 10 Racine Street CTH P
USH 10 East Bound			2	RxR is on the exit ramp / USH 10 East Bound Exit 289A
To CTH P Racine St			1	from exit ramp round a bout to CTH P Racine St
From CTH P Racine St			3	from round a bout at CTH P / Racine St to USH 10
TOTAL			6	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.1020 EPOXY 4-INCH		646.3020	REMARKS
			SOLID WHITE LF	SOLID YELLOW LF	EPOXY 8-INCH LF	
USH 10		8.70				
From: CTH N	26.50					
To: Jct STH 32/57	35.20					
East Bound			43,000	22,000		Edge Line / Center Line
Peters Rd					210	Right Turn
CTH M					160	Right Turn
CTH BB					100	Right Turn
Trailer Park Entrance					210	Right Turn
West Bound			43,000			Edge Line
CTH D					210	Right Turn
SUBTOTAL			86,000	22,000	890	
TOTAL			108,000		1,160	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.6320 DOTTED EXTENSION EPOXY 18-INCH LF	REMARKS
USH 141 / Allouez Ave	0.25	0.25		USH 141 / Allouez Ave
Yield Blocks			50	Inside Round A Bout
TOTAL			50	

PAVEMENT MARKING SUMMARY

LOCATION	LOG MILE	MILE	646.1020 EPOXY SOLID YELLOW LF	REMARKS
USH 151		8.00		
From: Valders	60.00			CTH J
To: Manitowoc	68.00			STH 42 South Bound
North Bound			45,000	Center Line /Edge Line
TOTAL			45,000	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH		646.3020 EPOXY 8-INCH LF	REMARKS
			SOLID WHITE LF	DASHED WHITE LF		
USH 141		8.00				
From: CTH C	55.45					Wausaukee CTH C
To: CTH K	63.55					Amberg CTH K
North Bound			43,000			Edge Line
High School				65		Bypass Lane
Island Lake Rd				2,000		Hill climbing Lane
Barker Rd					100	Right Turn
South Bound			43,000			Edge Line
County Park Rd				2,000	100	Right Turn
Bell Crossing Rd					200	Right Turn
High School					200	Right Turn
SUB-TOTALS			86,000	4,065	600	
TOTAL				90,065	600	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.1020 EPOXY 4-INCH			646.3020 EPOXY 8-INCH LF	REMARKS
			SOLID WHITE LF	Dashed White LF	SOLID YELLOW LF		
USH 141		7.00					
From: CTH K	63.55					Amberg / Pvm Change North of CTH K	
To: CTH Z	70.35					Beecher / Pvm Change South of CTH Z	
North Bound			35,000	1,500	41,000	Edge Line / Passing Lanes	
Black Sam / Downing Rd					200	Rt Turn	
Old 38 / Jossart Rd					200	Rt Turn	
CTH L					200	Rt Turn	
CTH Z					235	Rt Turn	
South Bound			35,000	1,500		Edge Line / Passing Lanes	
Boone La / Weckerle Rd					100	Rt Turn	
CTH L					200	Rt Turn	
Town Corner Lake Rd					200	Rt Turn	
Old 38 / State Quarry Rd					200	Rt Turn	
Amberg Rd					200	Rt Turn	
CTH V					300	Rt Turn	
SUB-TOTALS			70,000	3,000	41,000	2,035	
TOTAL				114,000		2,035	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020	646.3020		646.5020			646.5120	646.6320	REMARKS
			EPOXY 4-INCH SOLID WHITE LF	EPOXY 8-INCH SOLID WHITE LF	EPOXY 8-INCH DASHED WHITE LF	TYPE 1 EACH	TYPE 3 EACH	TYPE 3R EACH	WORDS EPOXY ONLY EACH	DOTTED EXTENSION EPOXY 18-INCH LF	
IH 41 North Bound Exit 163 A	0.25	0.25									Depere
CTH G Round a bout						2	3			90	East Side of IH 41 CTH G Round a bout EXIT 163 A
East Bound approach CTH G Round a bout						1		1			East Bound approach CTH G Round a bout
East Bound approach CTH G Round a bout									2		East Bound approach CTH G Round a bout
IH 41 North Bound Exit 163 A Bottom of Ramp									2		IH 41 North Bound Exit 163 A Bottom of Ramp
Dahes inside CTH G Round a bout					120						6 Foot Segment with 3 foot skip
East Bound approach CTH G Round a bout				120							Grooved contrast tape failure section on East Bound approach CTH G Round a bout
Edge Line from West Round a bout to East Round a bout			620								Edge Line from West Round a bout to East Round a bout
SUB TOTAL			620	120	120	3	3	1	4	90	
TOTAL			620	240		7			4	90	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.1020	646.3020	646.5020				646.5120	646.6320	REMARKS
			EPOXY 4-INCH SOLID WHITE LF	EPOXY 8-INCH DASHED WHITE LF	ARROWS EPOXY	TYPE 1 EACH	TYPE 2 EACH	TYPE 3 EACH	TYPE 3R EACH	WORDS EPOXY ONLY EACH	
IH 41 South Bound Exit 163 A	0.25	0.25									Depere
CTH G Round a bout						3	2	3		90	West Side of IH 41 CTH G Round a bout EXIT 163 A
West Bound approach CTH G Round a bout								2	2	2	West Bound approach CTH G Round a bout
IH 41 South Bound Exit 163 A Bottom of Ramp									3		IH 41 South Bound Exit 163 A Bottom of Ramp
Dahes inside CTH G Round a bout				25							1 Foot Segment with 3 foot skip
Dahes inside CTH G Round a bout				400							6 Foot Segment with 3 foot skip
Edge Line from East Round a bout to West Round a bout			620								Edge Line from East Round a bout to West Round a bout
SUB TOTAL			620	425		3	2	5	2		
TOTAL			620	425			12		5	90	

PAVEMENT MARKING

LOCATION	LOG MILE	MILE	646.3020	646.5020			646.5120	646.6320	REMARKS	
			EPOXY 8-INCH DASHED WHITE LF	ARROWS EPOXY	TYPE 1 EACH	TYPE 2 EACH	TYPE 3R EACH	WORDS EPOXY ONLY EACH		DOTTED EXTENSION EPOXY 18-INCH LF
IH 41 Lineville Rd / CTH M	0.25	0.25							NB / SB Exits 173	
IH 41 North Bound Lineville Rd Exit Ramp					4	2		2	NB Exit Ramp 173	
IH 41 North Bound Lineville Rd RAB			285	3	1			75	Eastside of IH 41	
IH 41 Lineville Rd Overpass Between RAB's				2				2	IH 41 Lineville Rd EB Overpass	
IH 41 Lineville Rd Overpass Between RAB's				2				2	IH 41 Lineville Rd WB Overpass	
IH 41 South Bound Lineville Rd Exit Ramp					6	2		3	SB Exit 173	
IH 41 South Bound Lineville Rd RAB			315	3	1			75	Westside of IH 41	
SUB TOTAL			600	10	12	4	4	4	5	150
TOTAL			600		34			5	150	

PAVEMENT MARKING

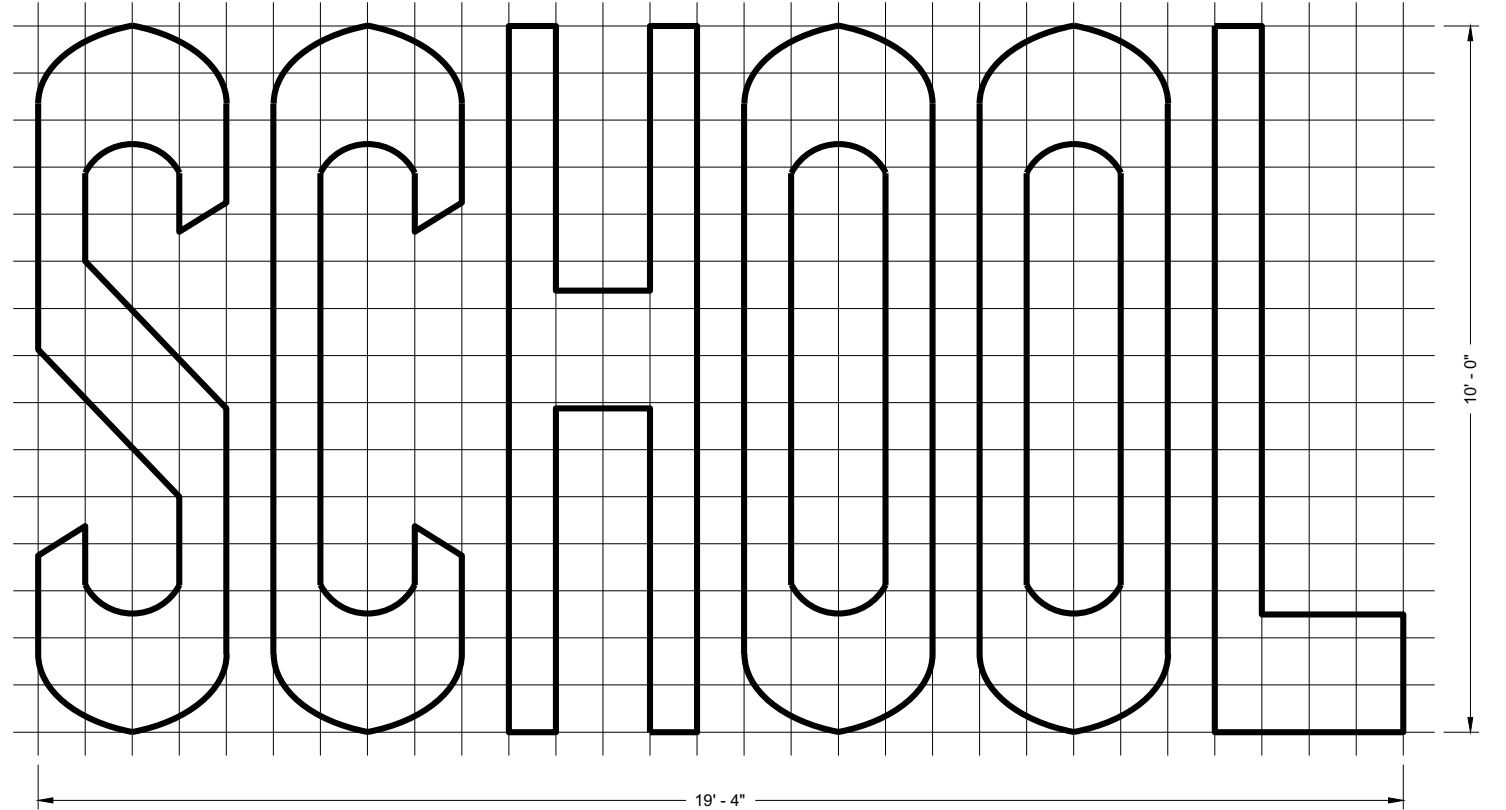
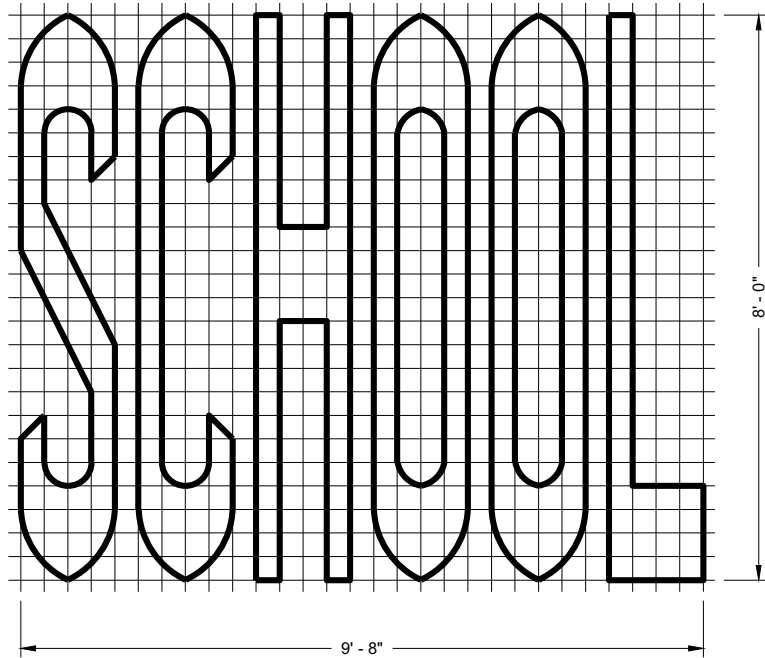
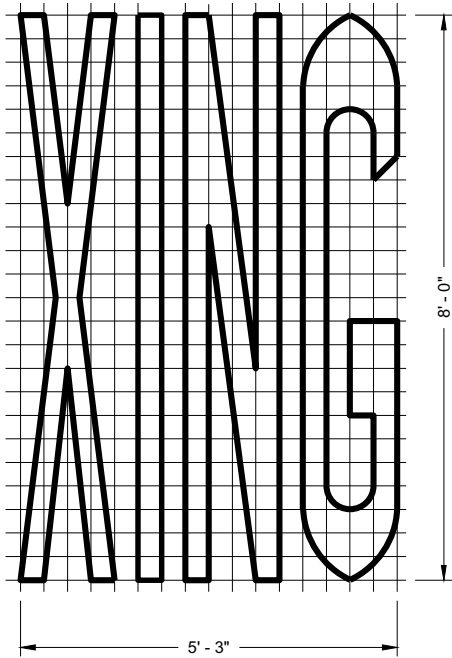
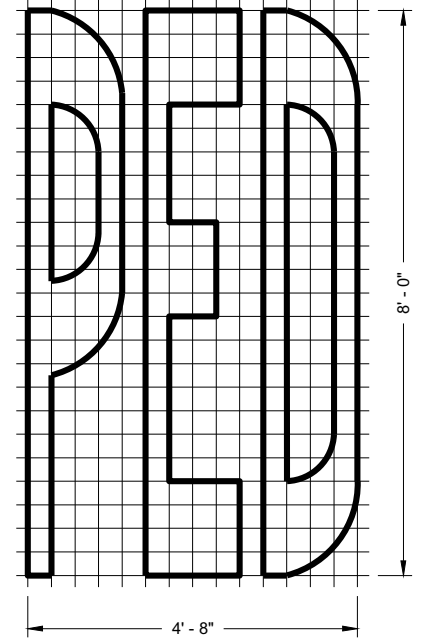
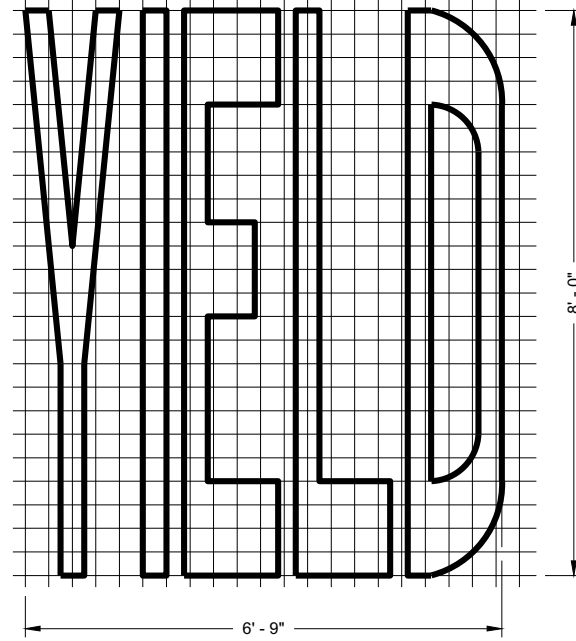
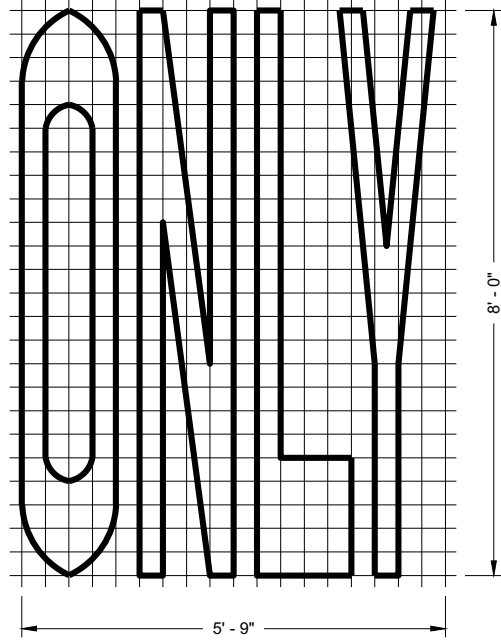
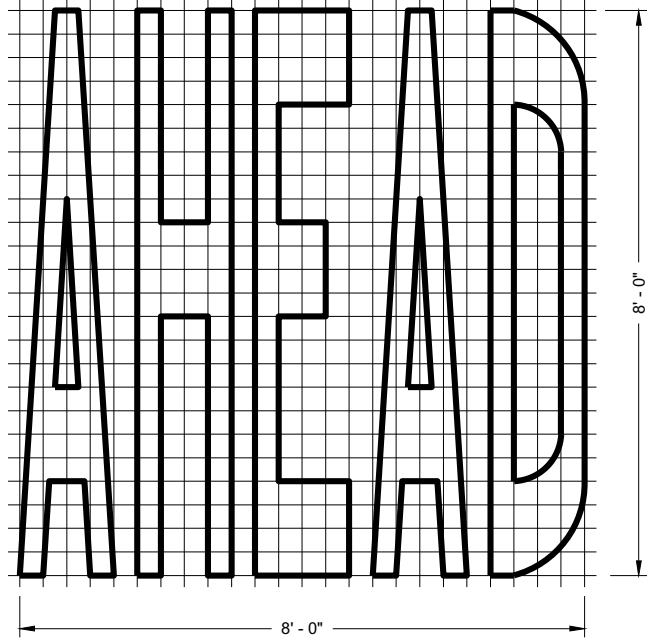
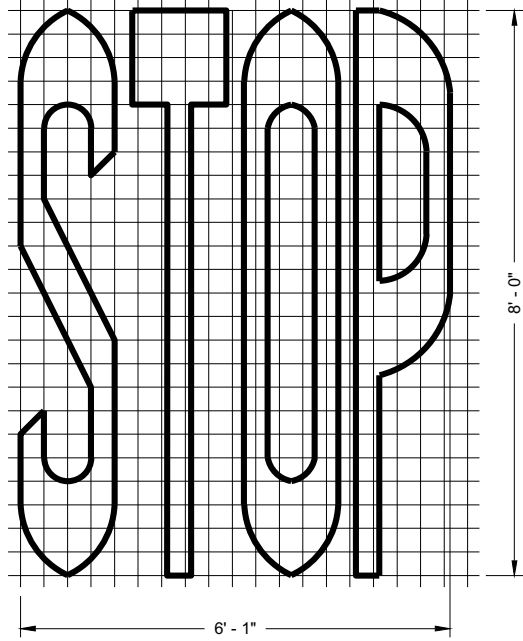
LOCATION	LOG MILE	Mile	646.7220 CHEVRON EPOXY 24-INCH LF	REMARKS
USH 41 South Bound Exit to USH 10	0.25	0.25	200	Exit 134 (Gore)
USH 41 North Bound Exit to USH 45	0.25	0.25	300	Exit 120 (Gore)
TOTAL			500	

PAVEMENT MARKING

LOCATION	LOG MILE	Mile	646.6120 STOP LINE EPOXY 18-INCH LF	REMARKS
IH 43 South Bound Exit to USH 151	0.25	0.25	30	Exit 149 to USH 151 (Top of Ramp)
TOTAL			30	

Standard Detail Drawing List Standard Detail Drawing List

15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C07-15D	ROUNDBOUT ARROWS
15C08-22A	LONGITUDINAL MARKING (MAINLINE)
15C08-22C	PAVEMENT MARKING (TURN LANES)
15C08-22D	PAVEMENT MARKING (TURN LANES)
15C09-12A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C18-06A	MEDIAN ISLAND MARKING PAVEMENT MARKINGS
15C18-07A	MEDIAN ISLAND MARKING PAVEMENT MARKINGS
15C18-07B	MEDIAN ISLAND MARKING MEDIAN ISLAND NOSE
15C18-07C	MEDIAN PAVEMENT MARKINGS DOUBLE ARROW WARNING SIGN PLACEMENT
15C31-04A	PAVEMENT MARKING EXIT RAMP AND PARALLEL EXIT RAMP
15C31-04B	PAVEMENT MARKING MAJOR SPLIT FREEWAY TO FREEWAY
15C31-04C	PAVEMENT MARKING ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-05A	PAVEMENT MARKING (INTERSECTIONS)
15C35-05B	PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE)
15C35-05C	PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE)



SINGLE LANE

TWO - LANE

GENERAL NOTES

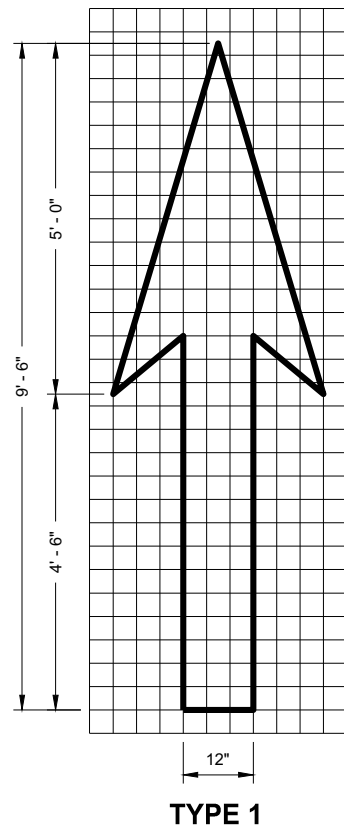
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PAVEMENT MARKING WORDS

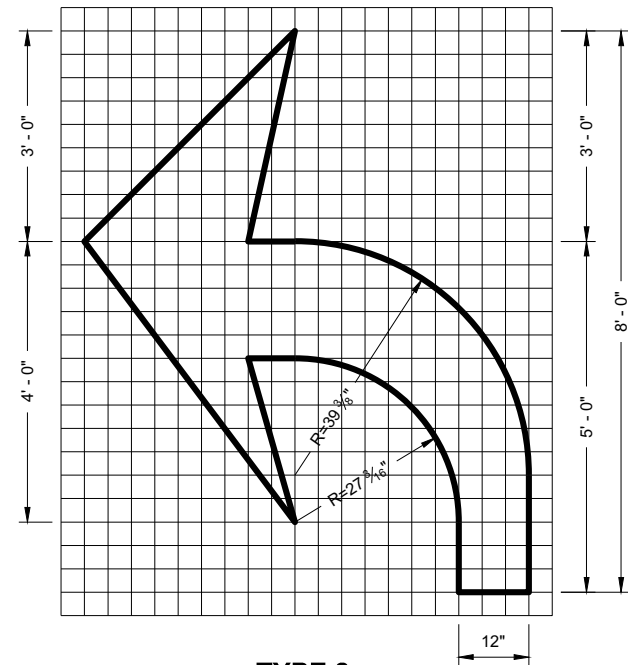
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

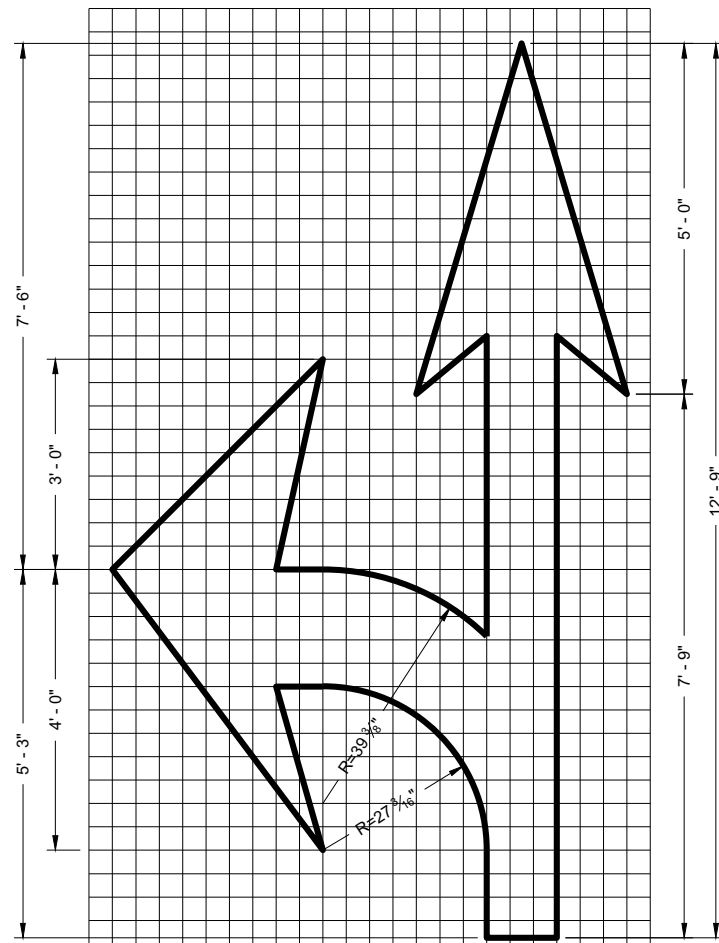
FHWA



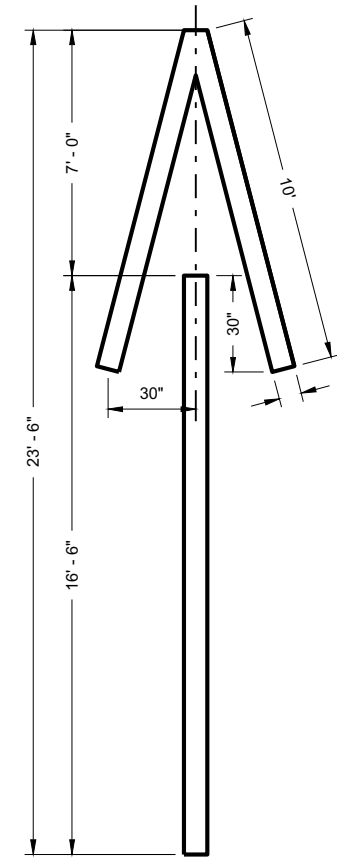
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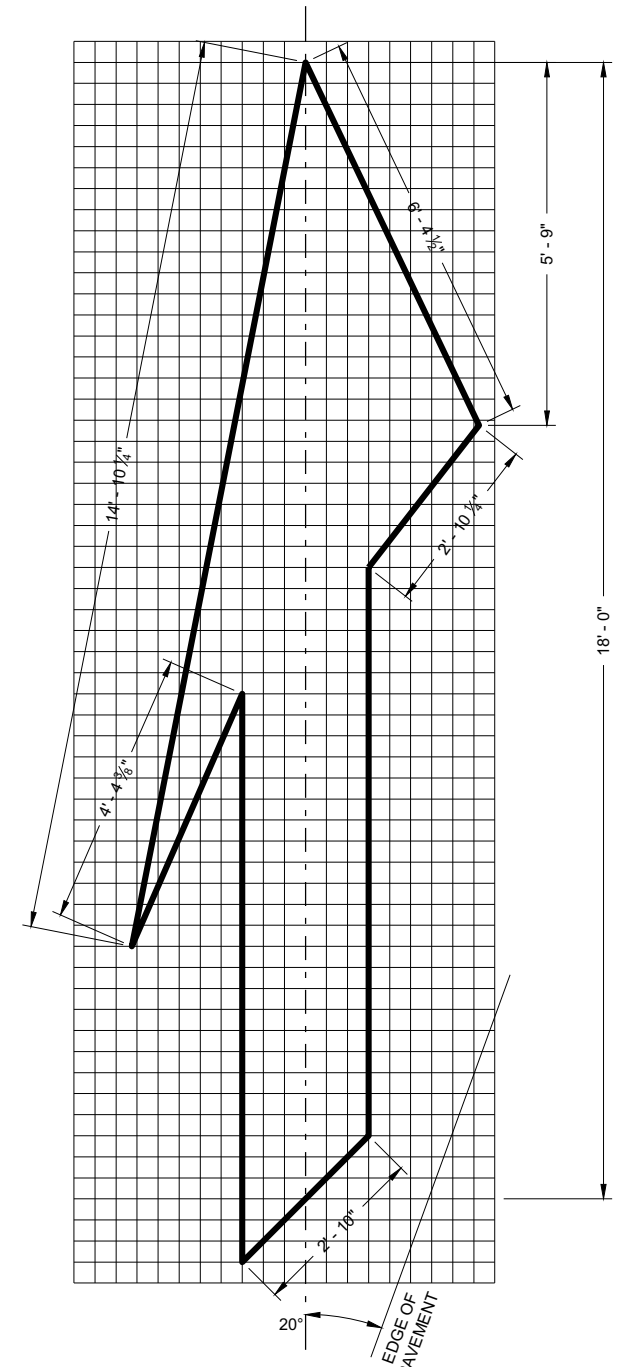
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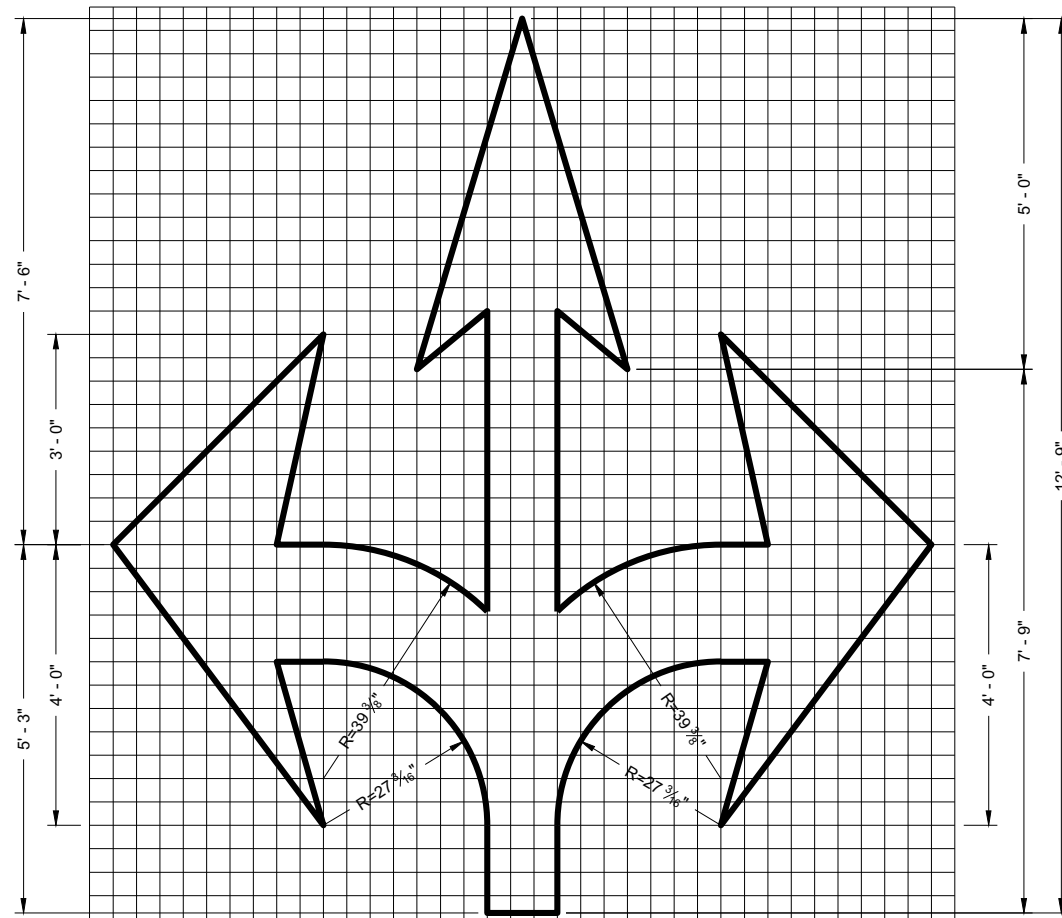
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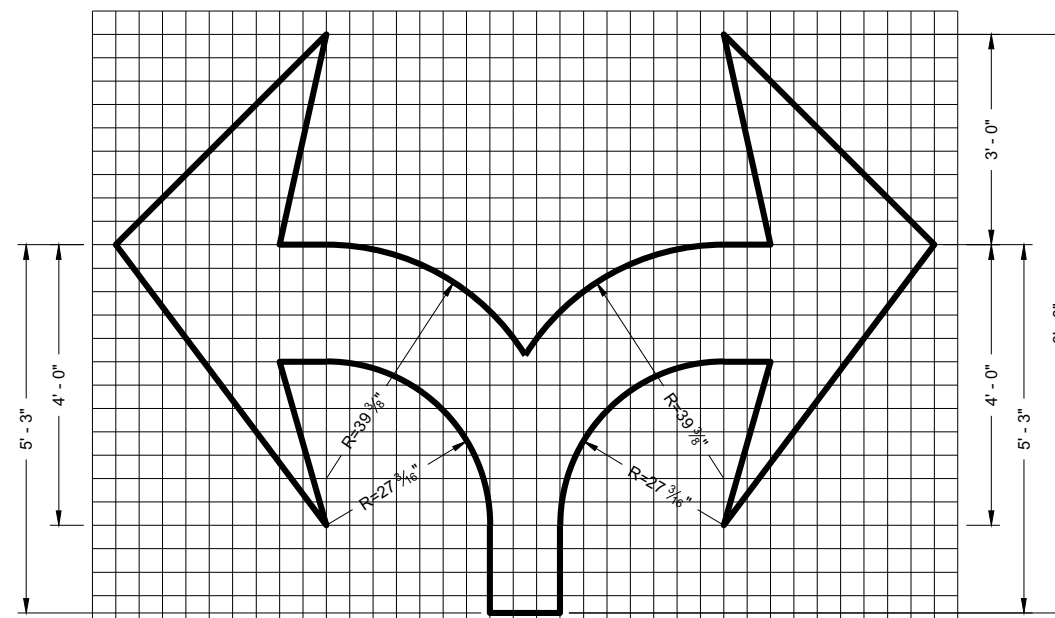
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

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 ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

November 2019

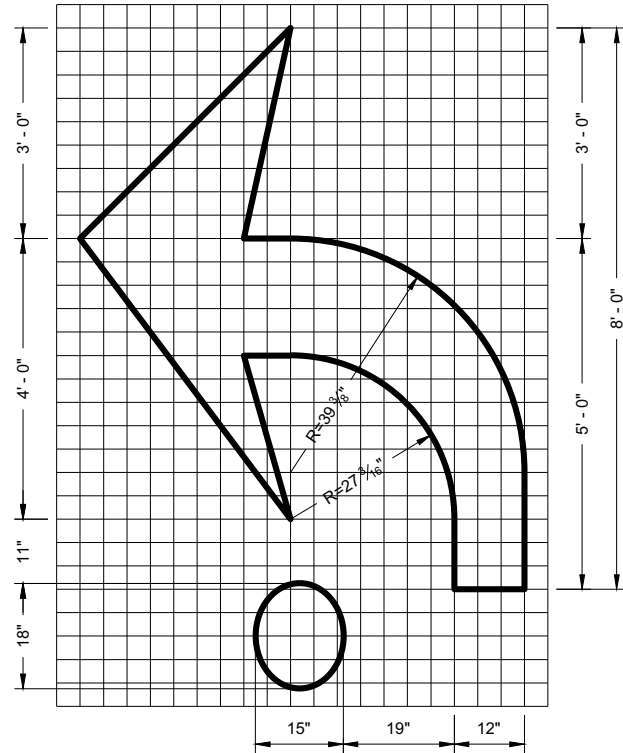
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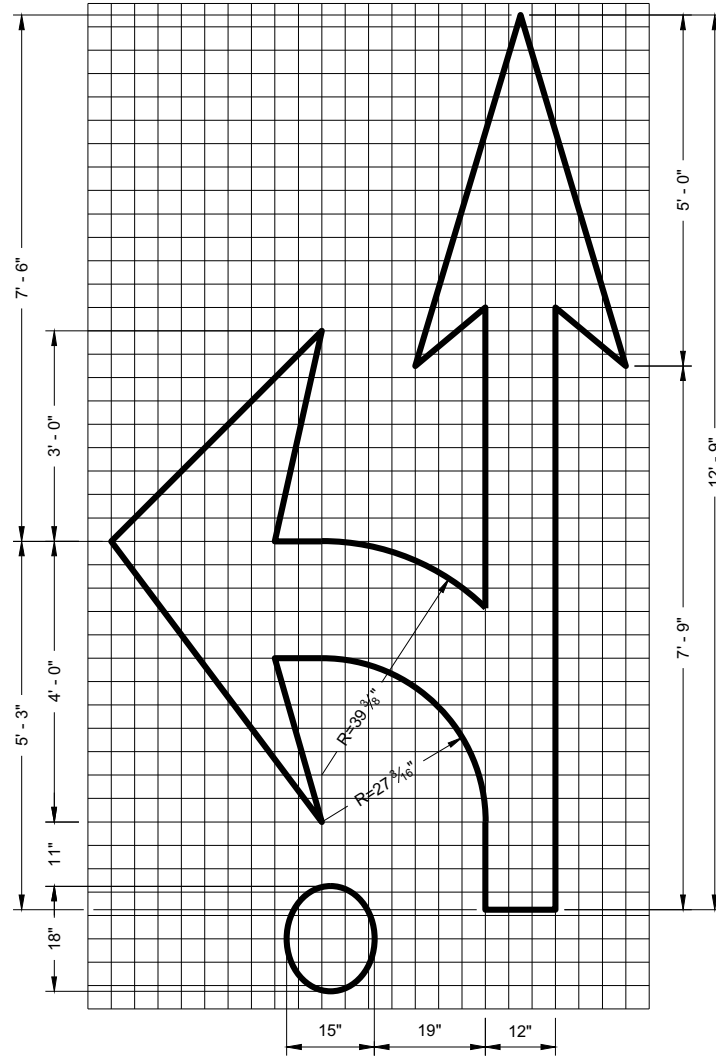
/s/ Matthew Rauch
STATE SIGNING AND MARKING
ENGINEER

GENERAL NOTES

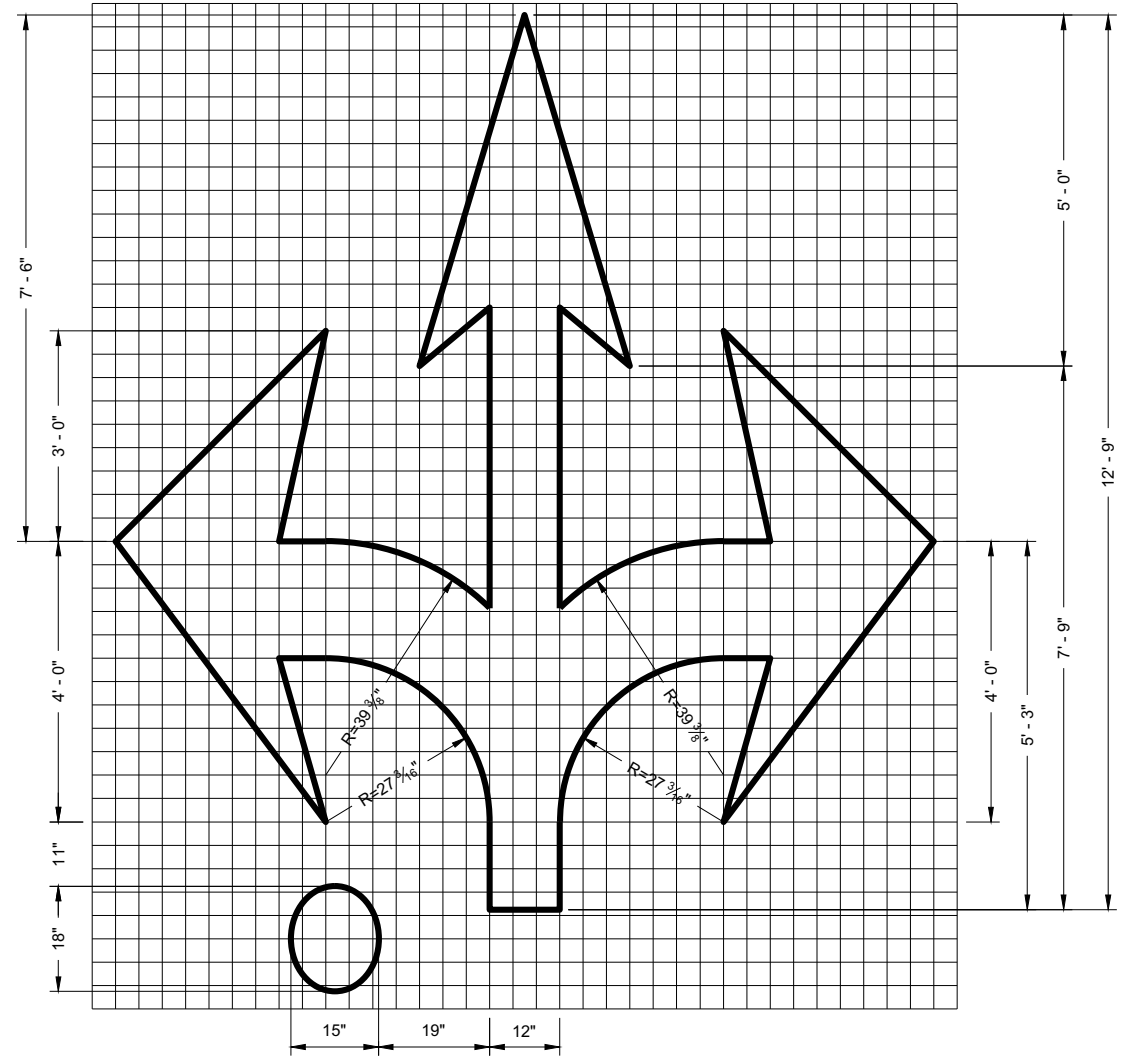
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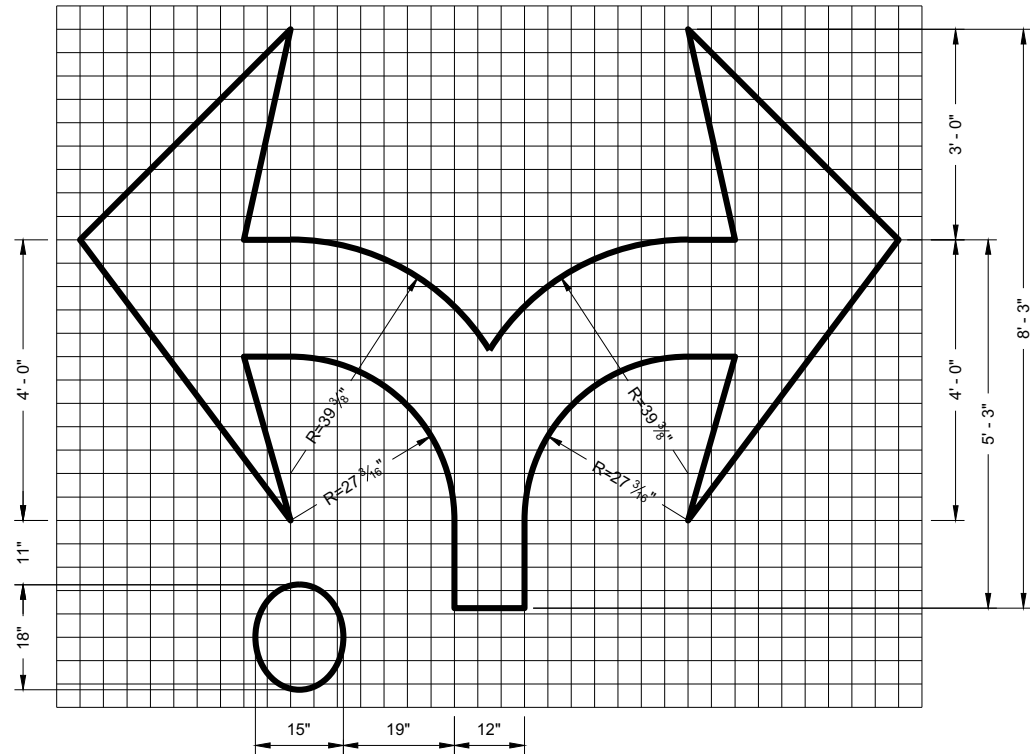
TYPE 2R



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




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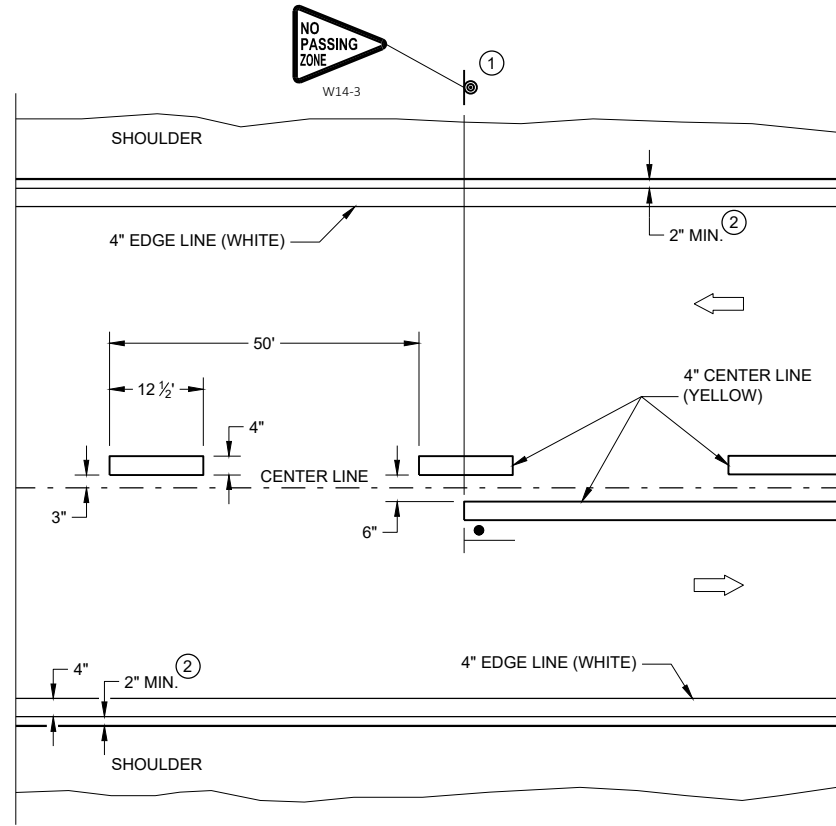
GENERAL NOTES

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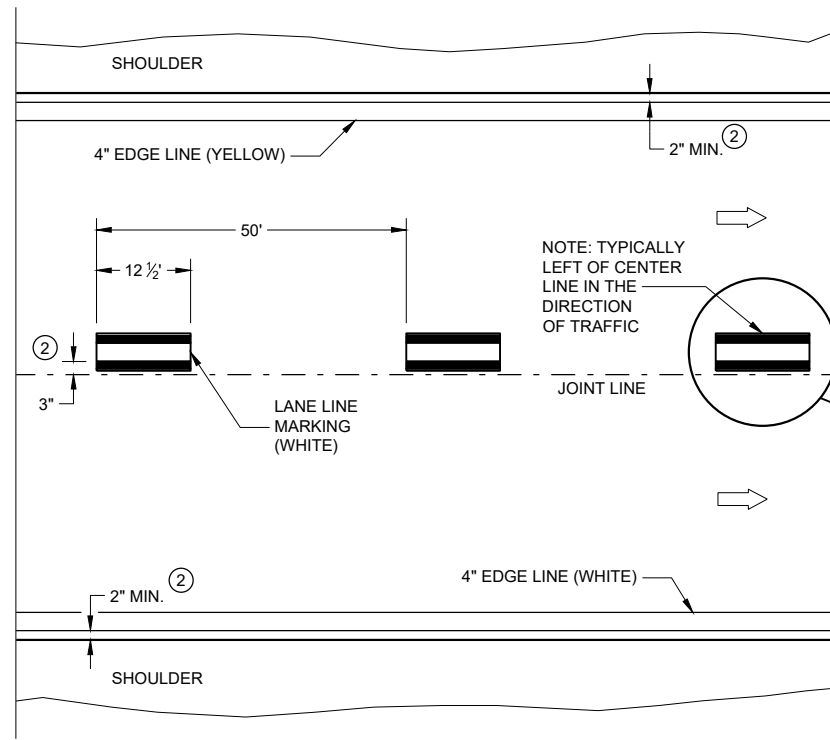
- ① LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING
- ② MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

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

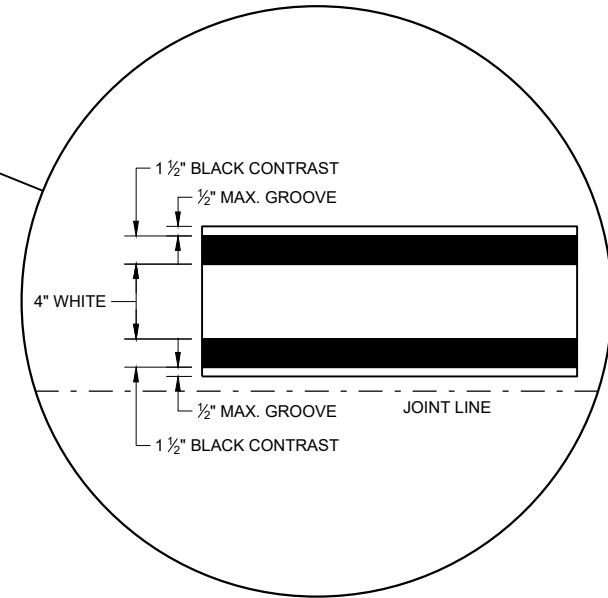


TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



6

6

SDD 15C08 - 22a

SDD 15C08 - 22a

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

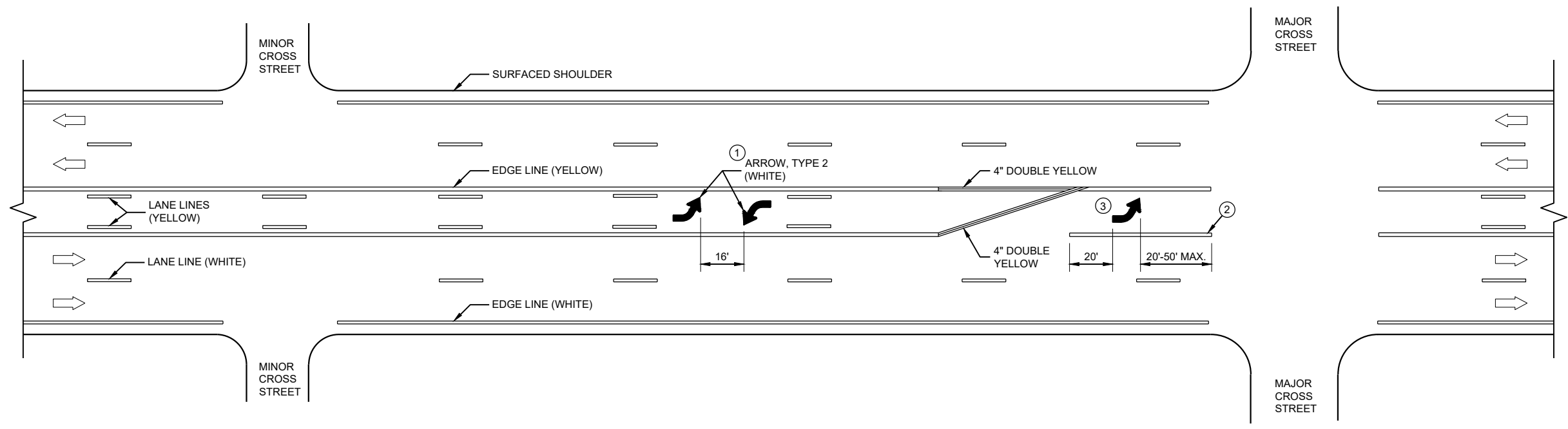
APPROVED
DATE: May 2022 /S/ Jeannie Silver
STATEWIDE SIGNING AND MARKING ENGINEER

FHWA

GENERAL NOTES

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

➡ DIRECTION OF TRAFFIC



TWO WAY LEFT TURN LANE

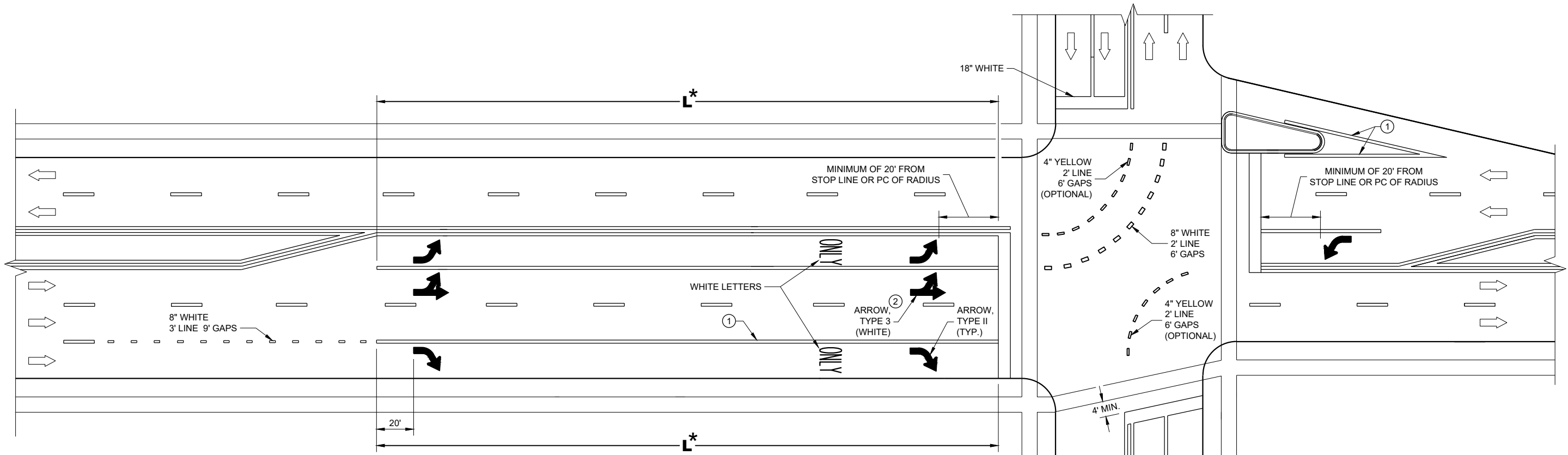
6

6

SDD 15C08 - 22c

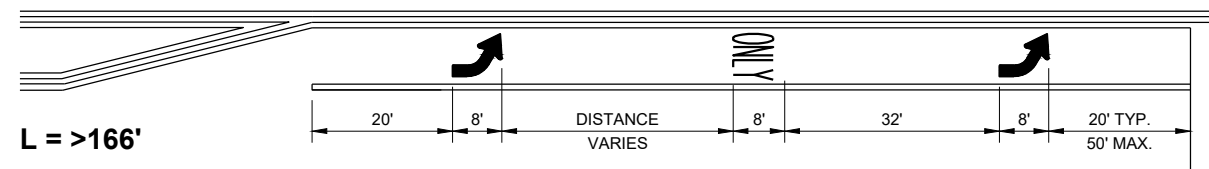
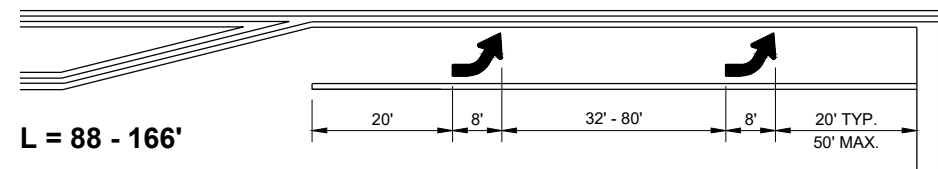
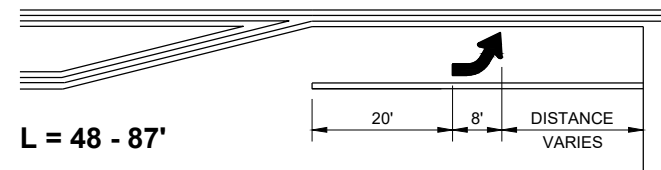
SDD 15C08 - 22c

<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

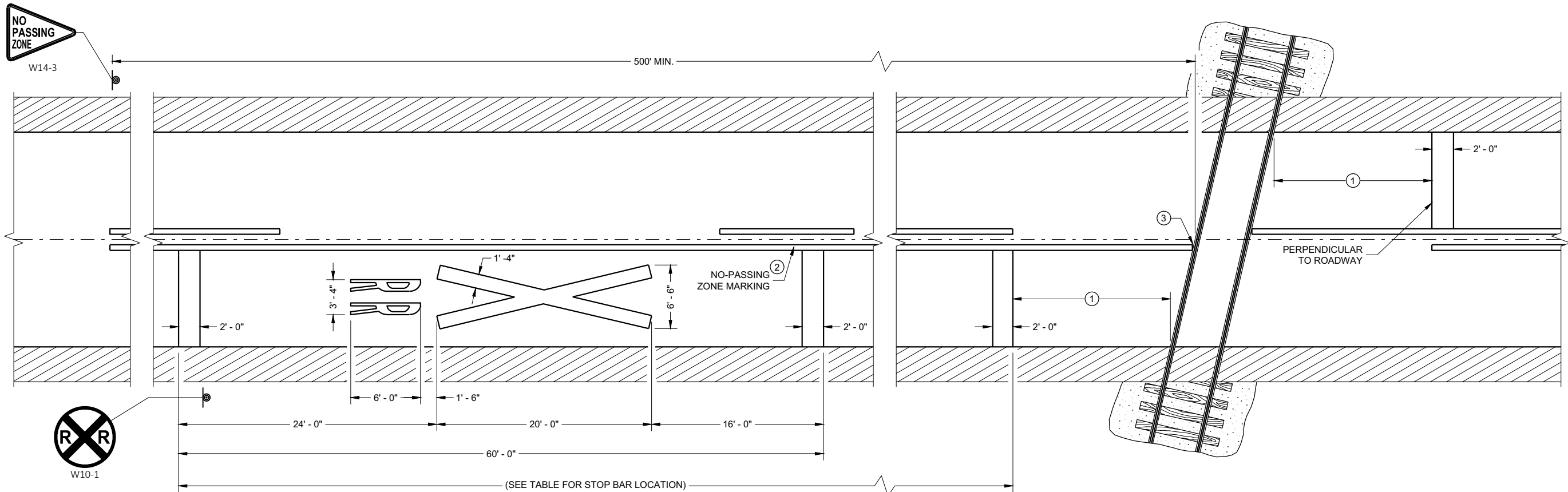
- ① 8" WHITE
- ② QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

➡ DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

**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.

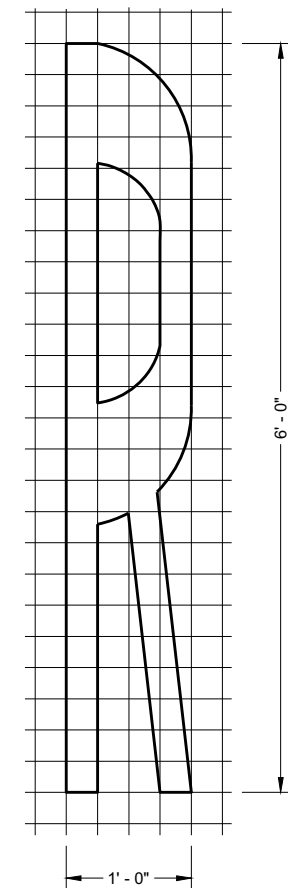
- ① MINIMUM 8' FROM ANY RAILROAD WARNING DEVICES (SIGNAL, GATES, ETC.) OR 25' FROM THE NEAREST RAIL, WHICHEVER DISTANCE IS GREATER.
- ② 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.
- ③ FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE 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

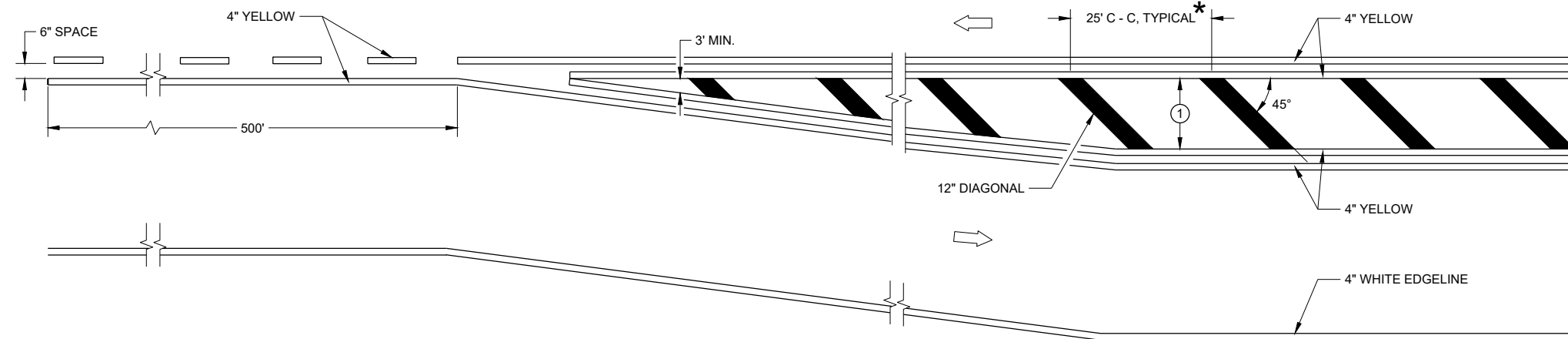
APPROVED
February 2021 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER

GENERAL NOTES

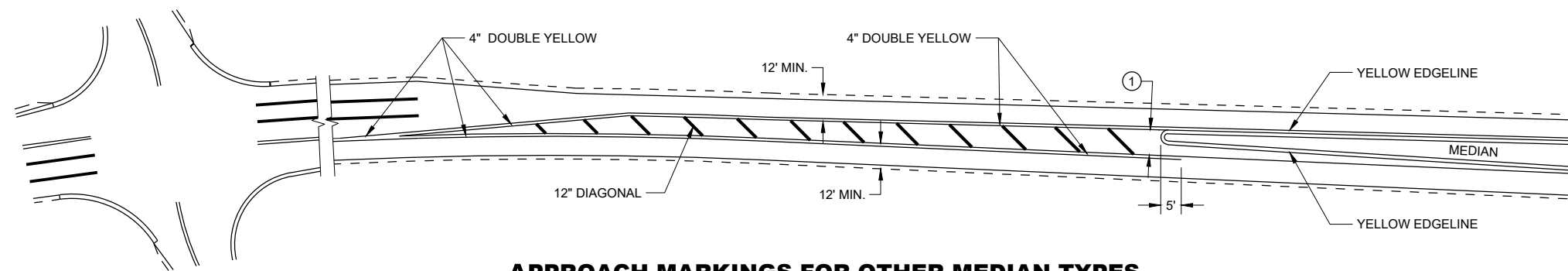
- ① DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

➔ DIRECTION OF TRAVEL

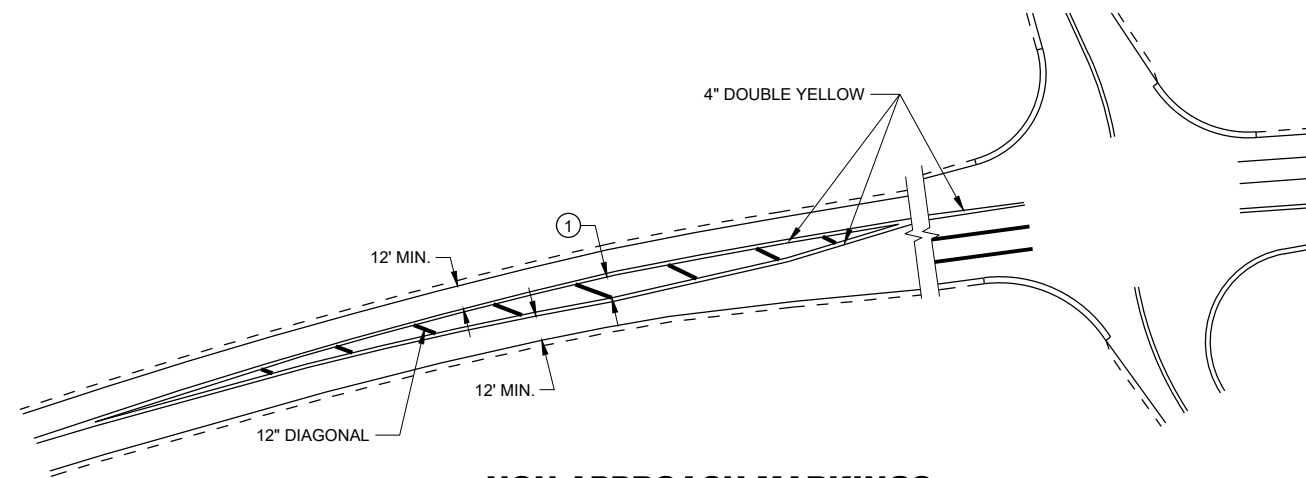
* WHEN THE PAINTED MEDIAN LENGTH IS LESS THAN 50 FEET THE SPACING IS 10'.



MEDIAN ISLAND DETAIL



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON-APPROACH MARKINGS

6

6

SDD 15C18 - 06a

SDD 15C18 - 06a

**MEDIAN ISLAND
PAVEMENT MARKINGS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 DATE /S/ Jeannie Silver
STATE SIGNING AND MARKING
ENGINEER

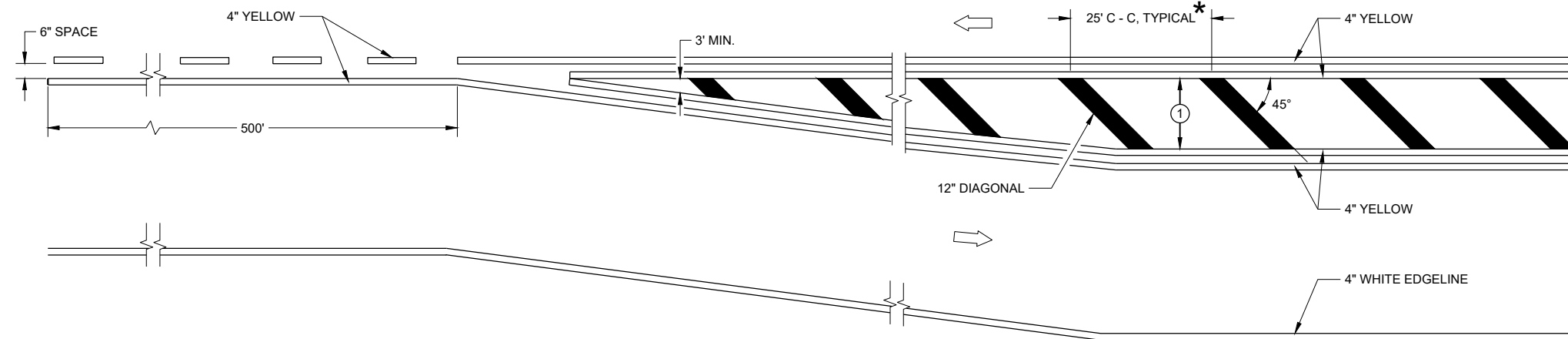
FHWA

GENERAL NOTES

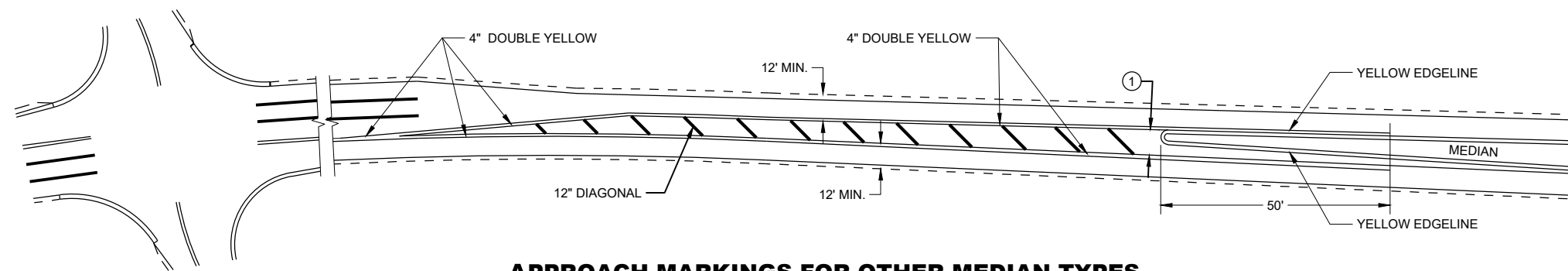
- ① DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

➡ DIRECTION OF TRAVEL

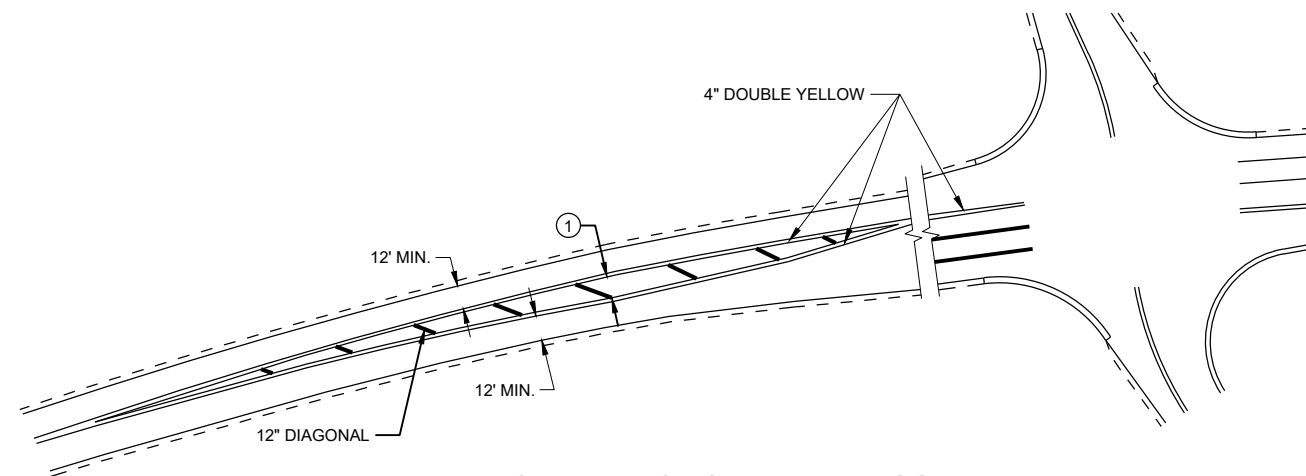
* WHEN THE PAINTED MEDIAN LENGTH IS LESS THAN 50 FEET THE SPACING IS 10'.



MEDIAN ISLAND DETAIL



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON-APPROACH MARKINGS

6

6

SDD 15C18 - 06a

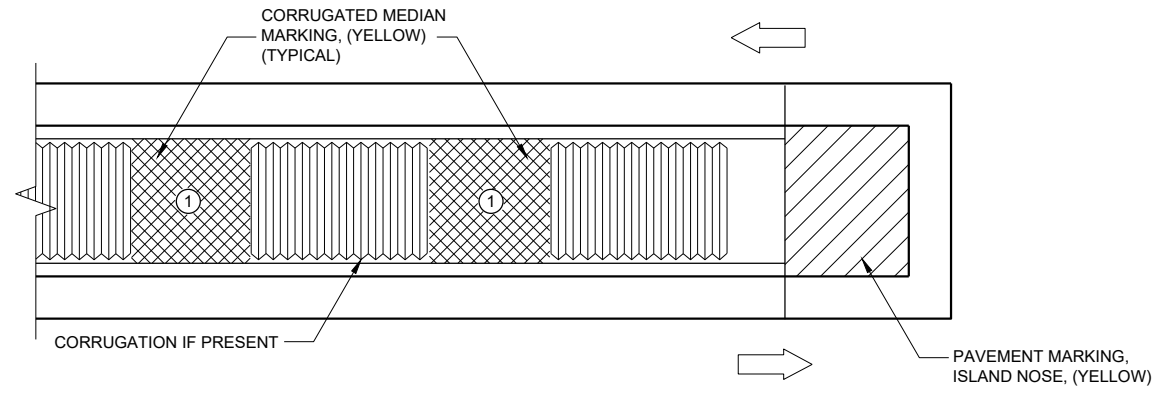
SDD 15C18 - 06a

**MEDIAN ISLAND
PAVEMENT MARKINGS**

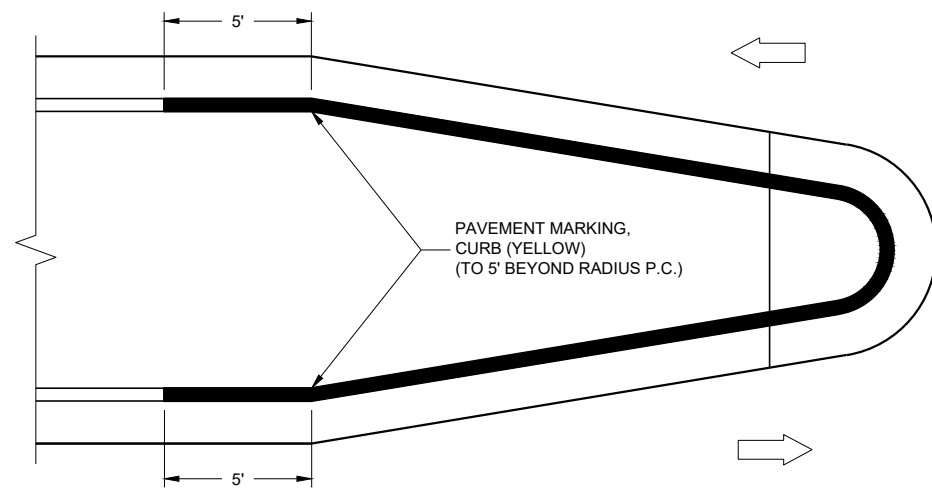
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 DATE /S/ Jeannie Silver
STATE SIGNING AND MARKING
ENGINEER

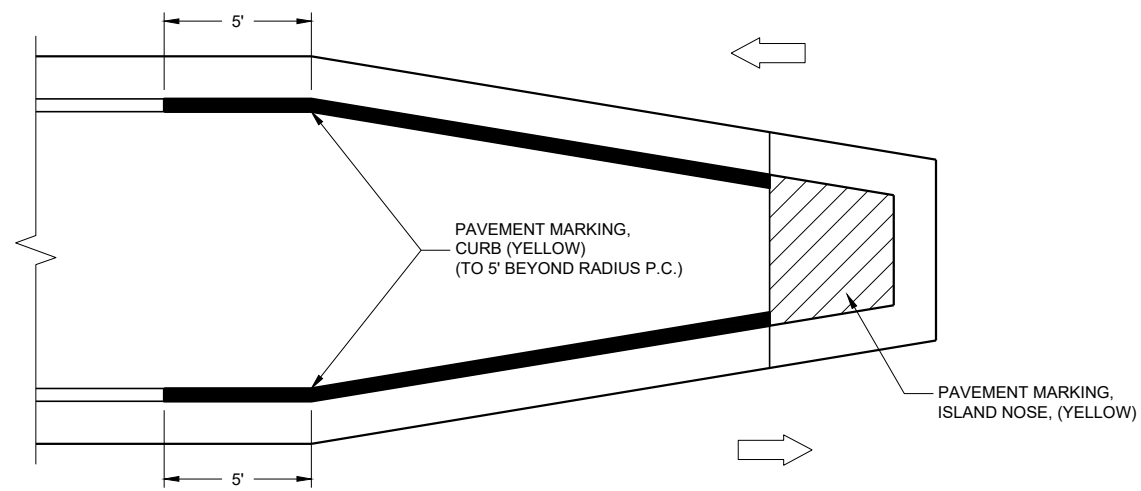
FHWA



MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE







MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

- ① APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

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

6

6

SDD 15C18 - 07b

SDD 15C18 - 07b

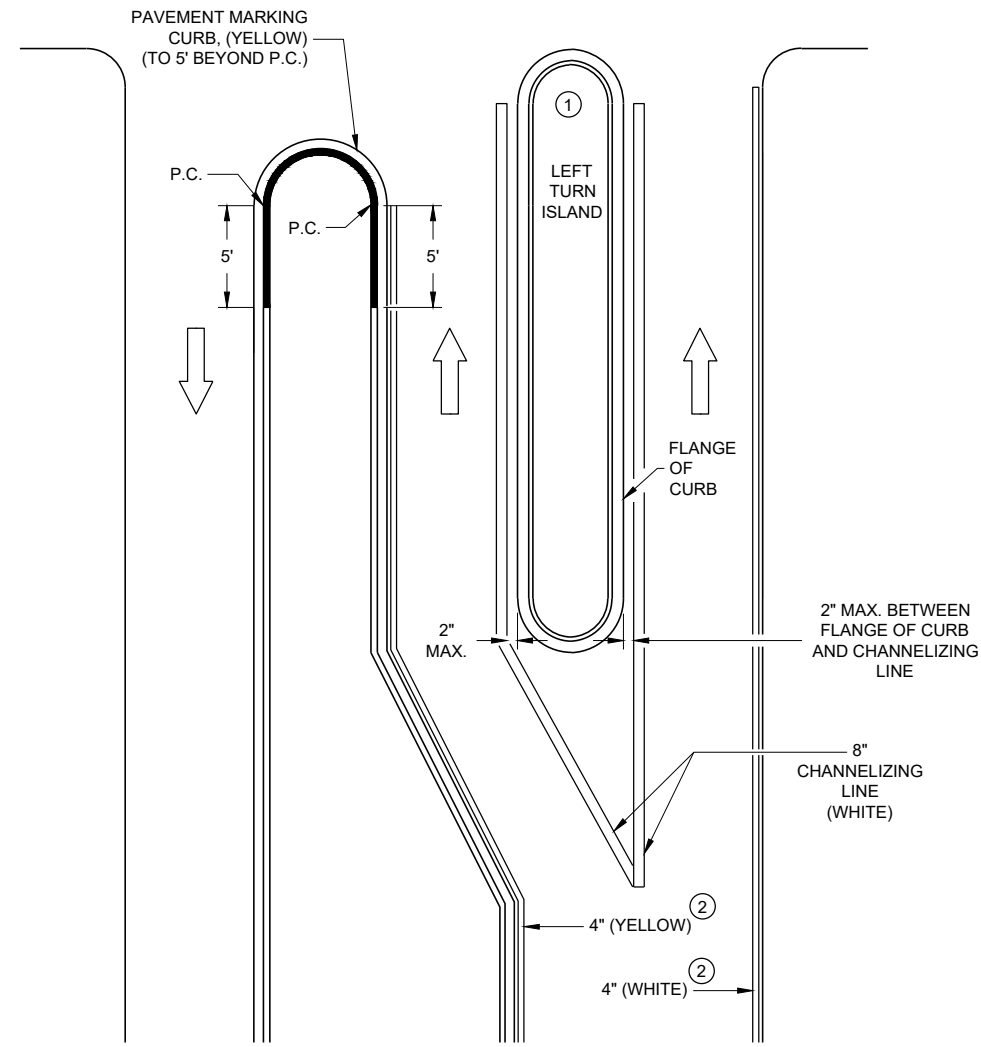
PAVEMENT MARKINGS, MEDIAN ISLAND NOSE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED November 2022 DATE	/S/ Jeannie Silver STATE SIGNING AND MARKING ENGINEER
<small>FHWA</small>	

REQUIREMENTS FOR EDGE LINES		
POSTED SPEED	IS THERE CONTINUOUS LIGHTING?	
	YES	NO
≤ 30 MPH	NO	OPTIONAL
35 OR 40 MPH	OPTIONAL	RECOMMENDED
≥ 45 MPH	RECOMMENDED	REQUIRED

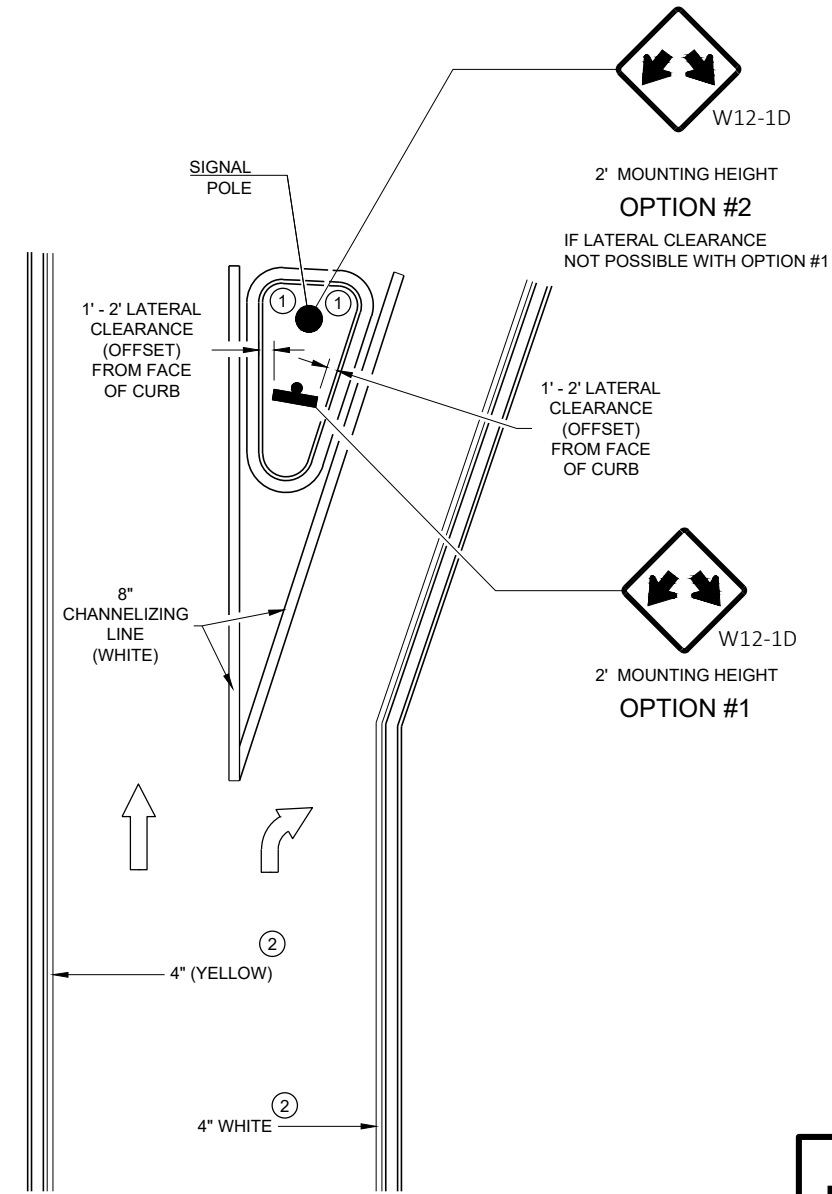
GENERAL NOTES

APPLIES TO ISLANDS AT LEFT TURNS AT ONE WAY ROADWAYS AS WELL.
SEE MISCELLANEOUS QUANTITIES FOR SIGN SIZE.

- ① MARK CURB NOSES YELLOW.
- ② MARK ACCORDING TO TABLE.



LEFT TURN & MEDIAN ISLAND



RIGHT TURN ISLAND

6

6

SDD 15C18 - 07C

SDD 15C18 - 07C

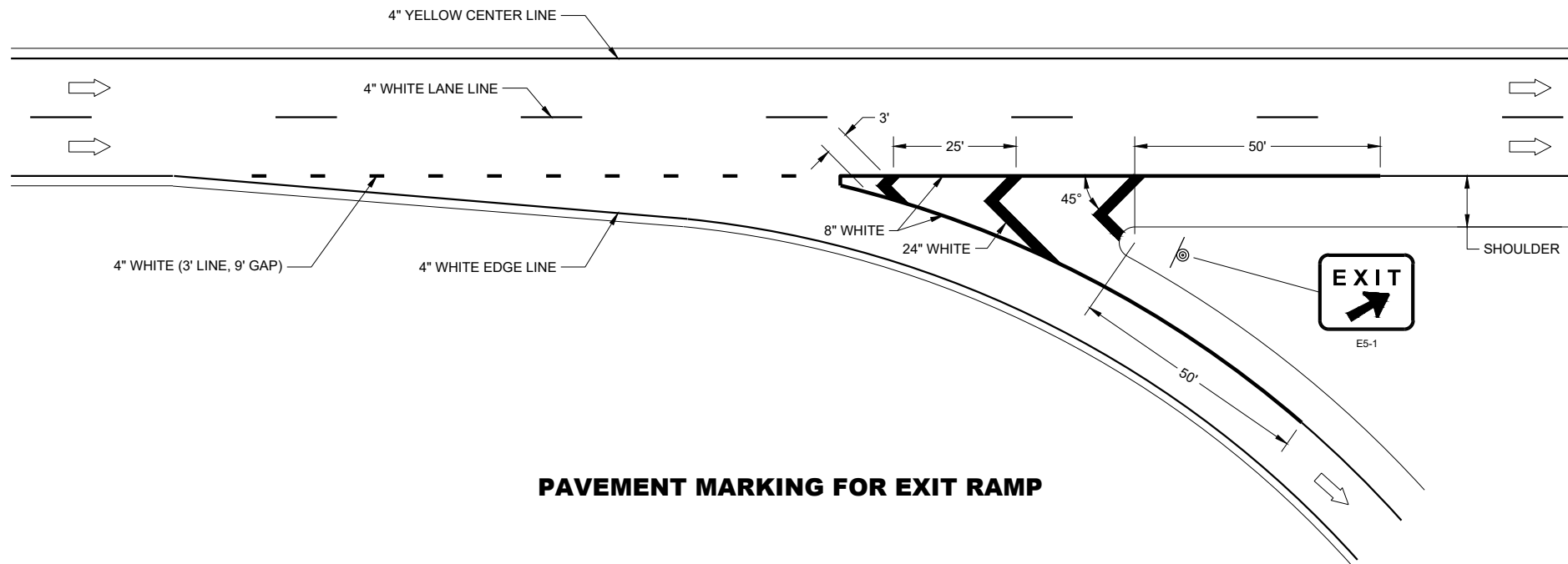
MEDIAN PAVEMENT MARKINGS, DOUBLE ARROW WARNING SIGN PLACEMENT	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED November 2022 DATE	/S/ Jeannie Silver STATE SIGNING AND MARKING ENGINEER
FHWA	

GENERAL NOTES

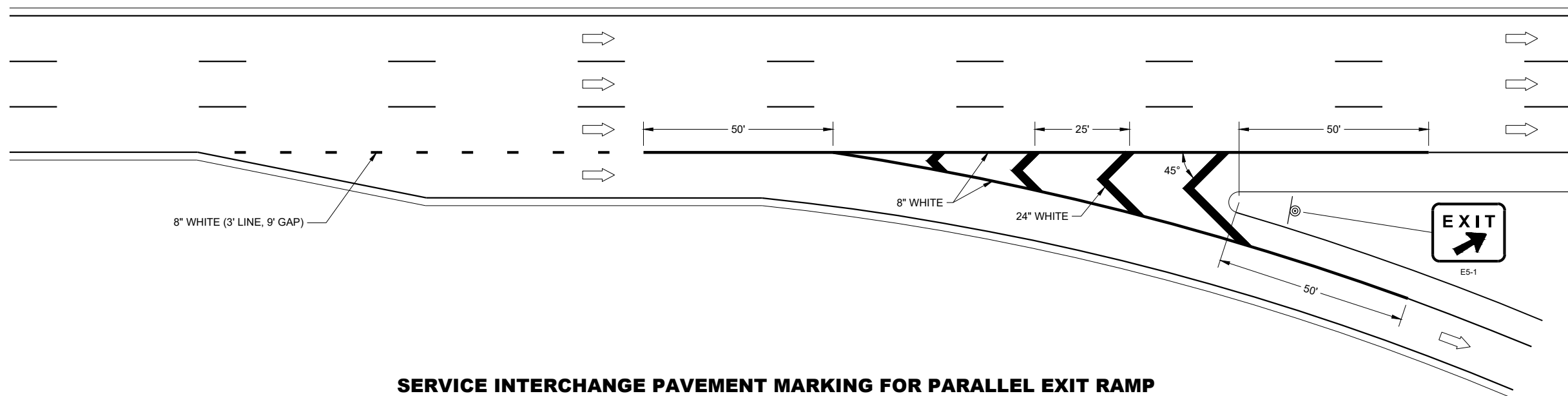
PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

- ⊙ SIGN ON PERMANENT SUPPORT
- ➡ DIRECTION OF TRAVEL



PAVEMENT MARKING FOR EXIT RAMP



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT RAMP

**PAVEMENT MARKING,
EXIT RAMP AND
PARALLEL EXIT RAMP**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

6



SDD 15C31 - 04a

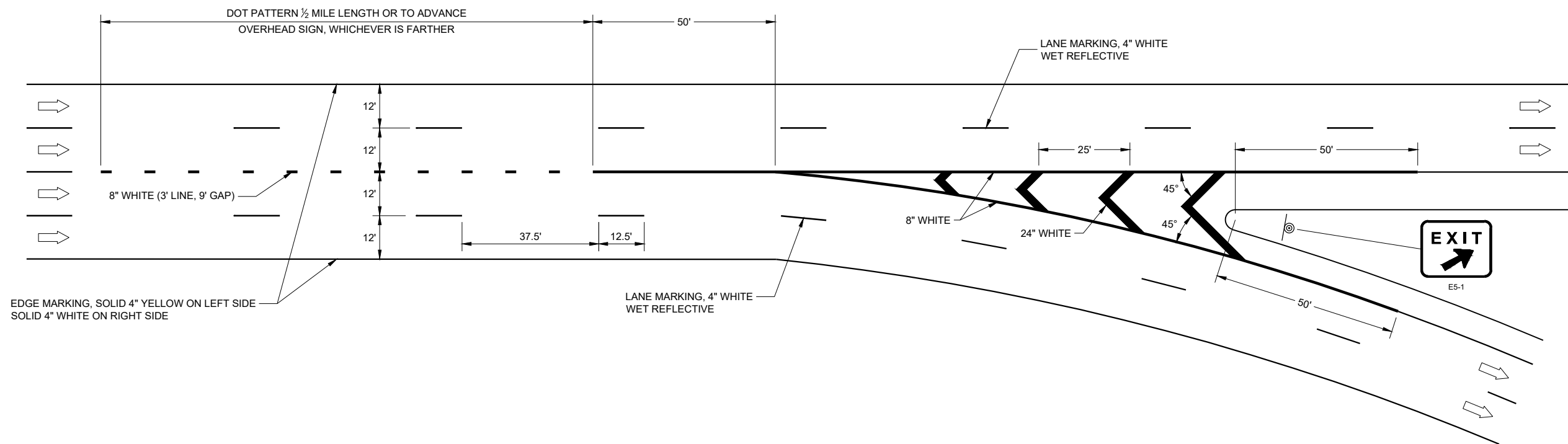
SDD 15C31 - 04a

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

-  SIGN ON PERMANENT SUPPORT
-  DIRECTION OF TRAVEL



6

6

SDD 15C31 - 04b

SDD 15C31 - 04b

**PAVEMENT MARKING,
MAJOR SPLIT
FREEWAY TO FREEWAY**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

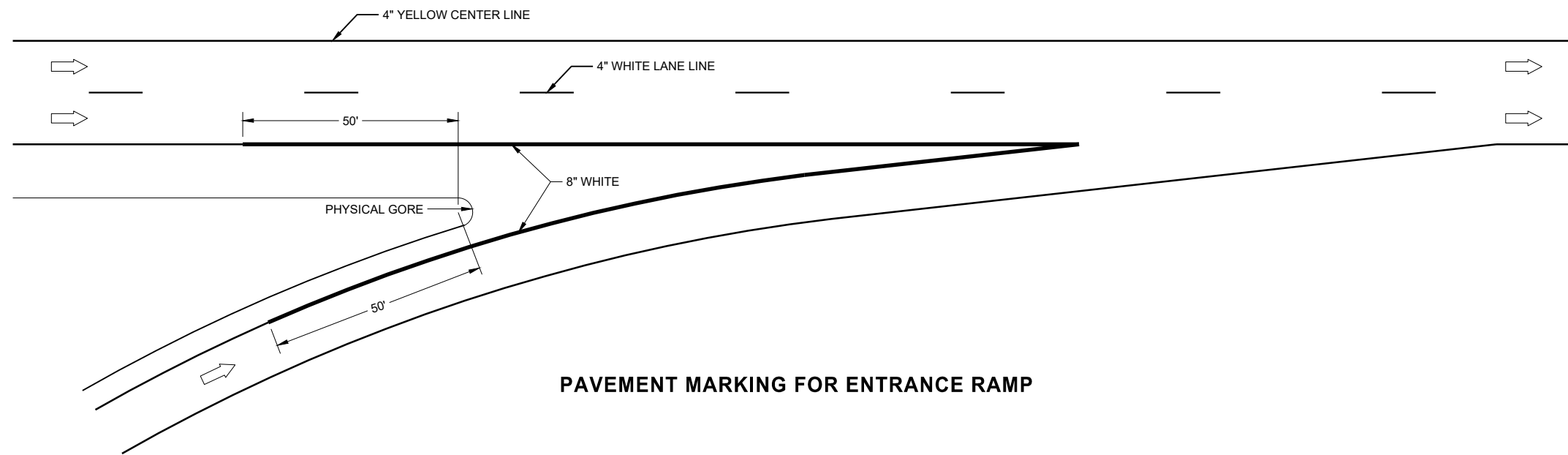
GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

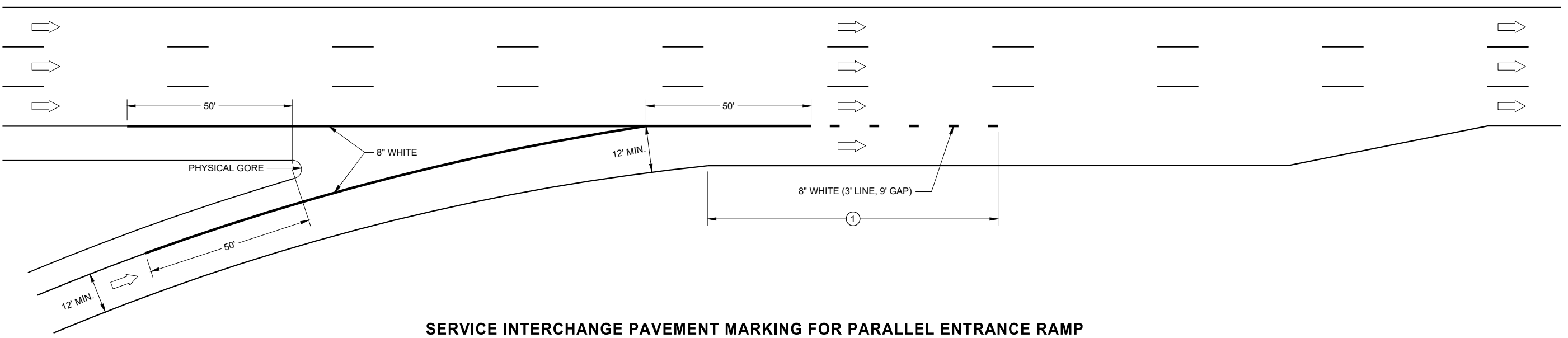
① ½ LENGTH OF FULL WIDTH ACCELERATION LANE.

LEGEND

➡ DIRECTION OF TRAVEL



PAVEMENT MARKING FOR ENTRANCE RAMP



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL ENTRANCE RAMP

**PAVEMENT MARKING,
ENTRANCE RAMP AND
PARALLEL ENTRANCE RAMP**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

6

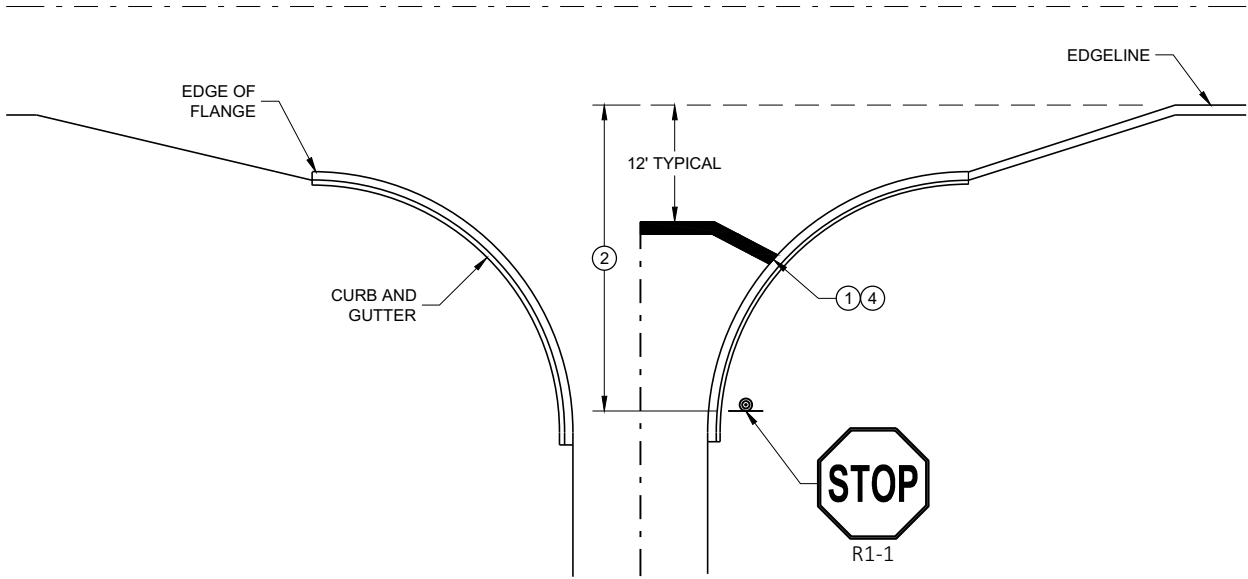
SDD 14C31 - 04c

SDD 14C31 - 04c

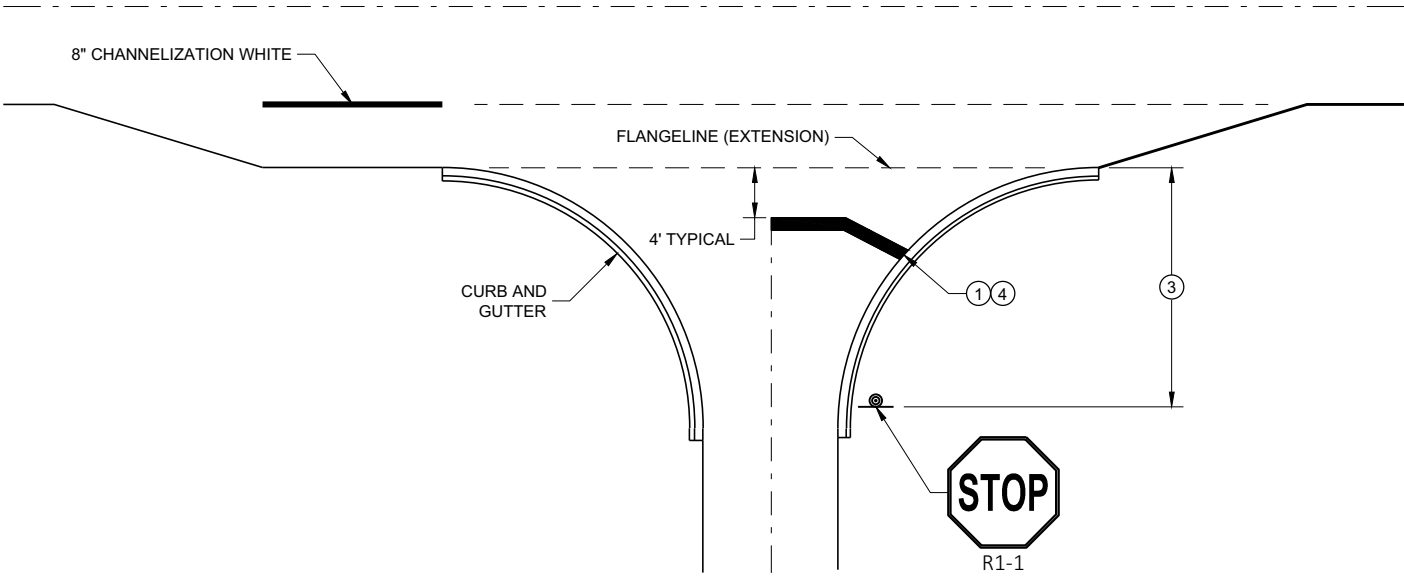
GENERAL NOTES

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

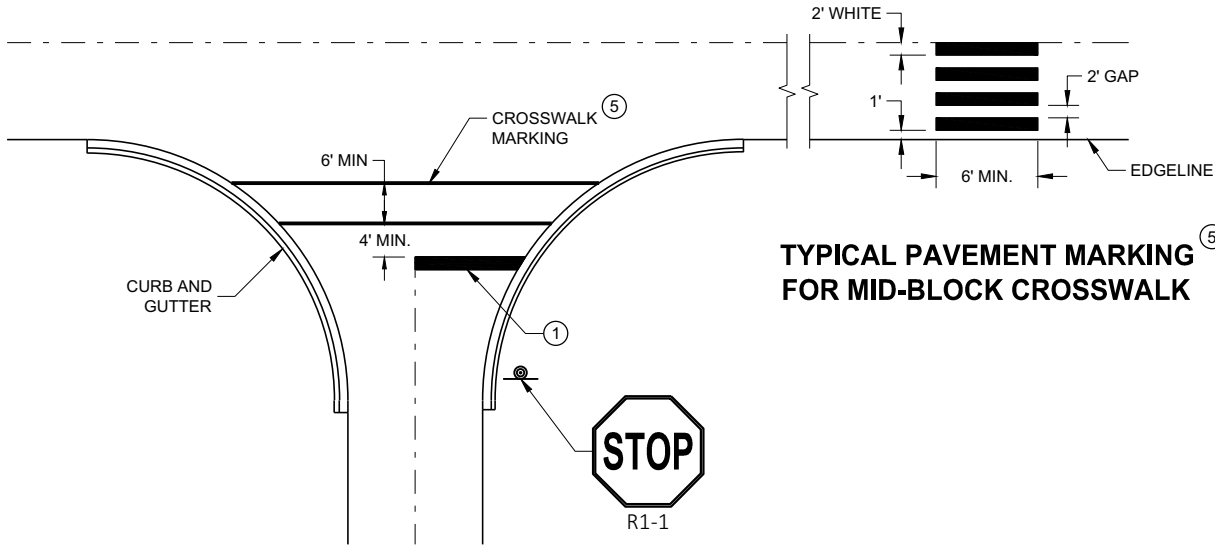
- ① 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- ② NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
- ③ NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE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

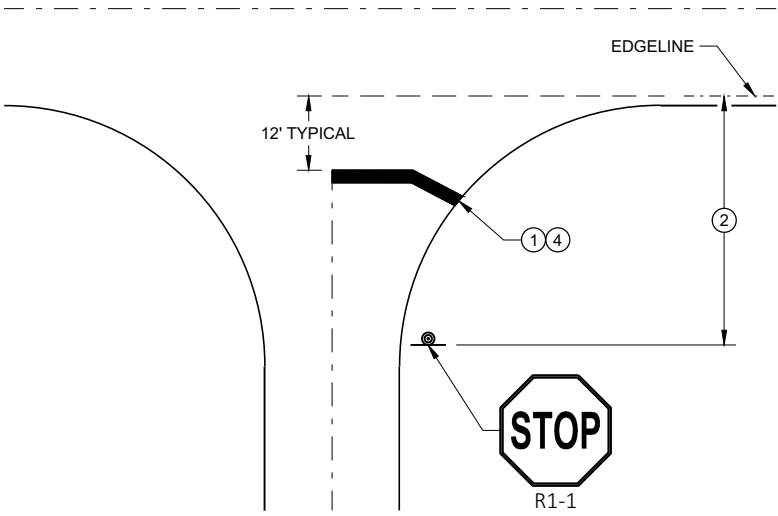


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



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

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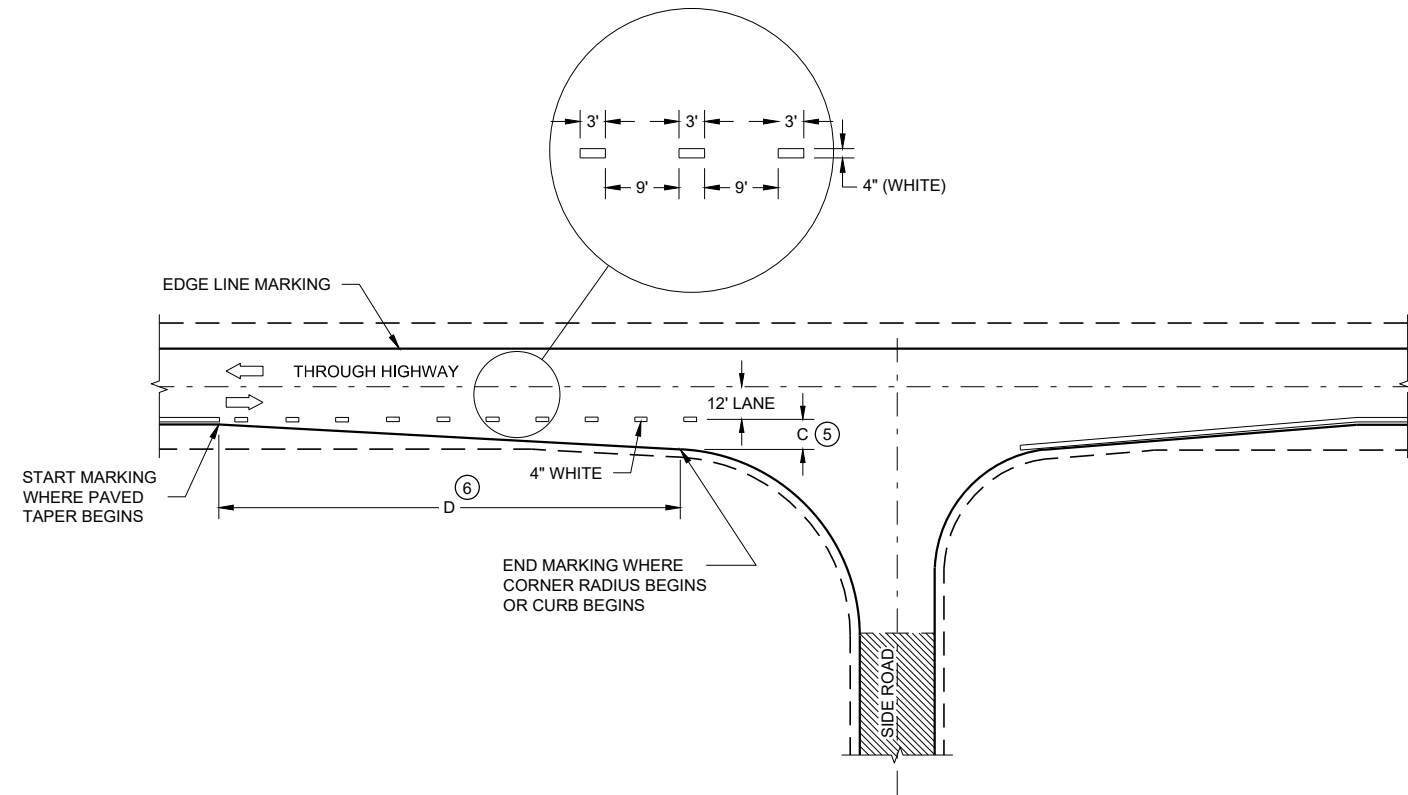
GENERAL NOTES

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

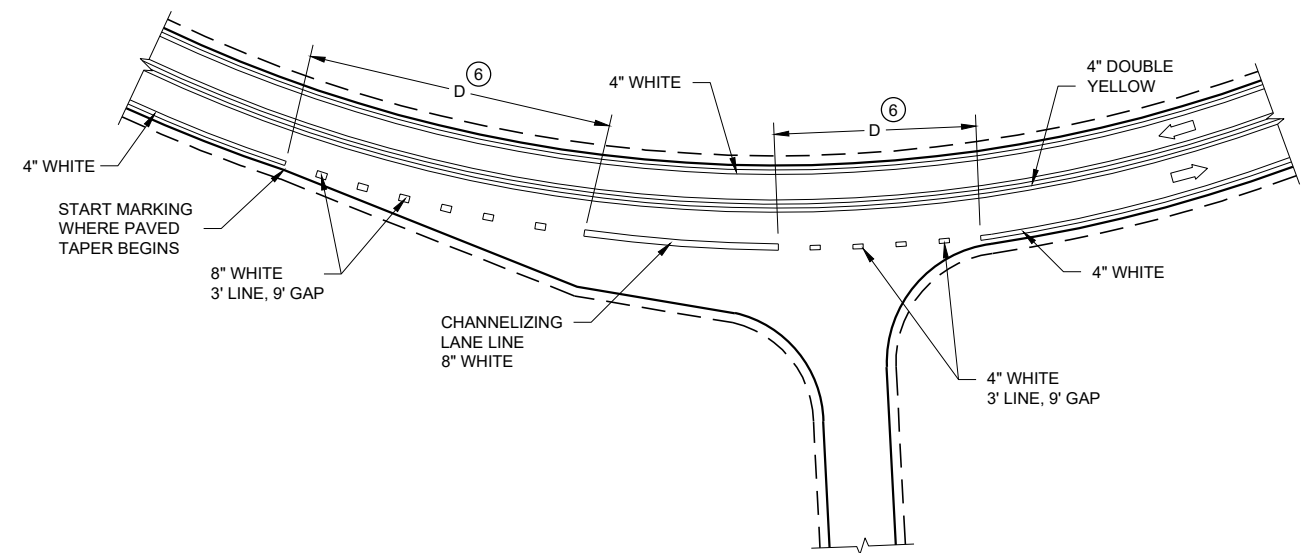
- ① WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
- ② WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
- ③ BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
- ④ BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
- ⑤ WHEN DISTANCE "C" IS LESS THAN 4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

LEGEND

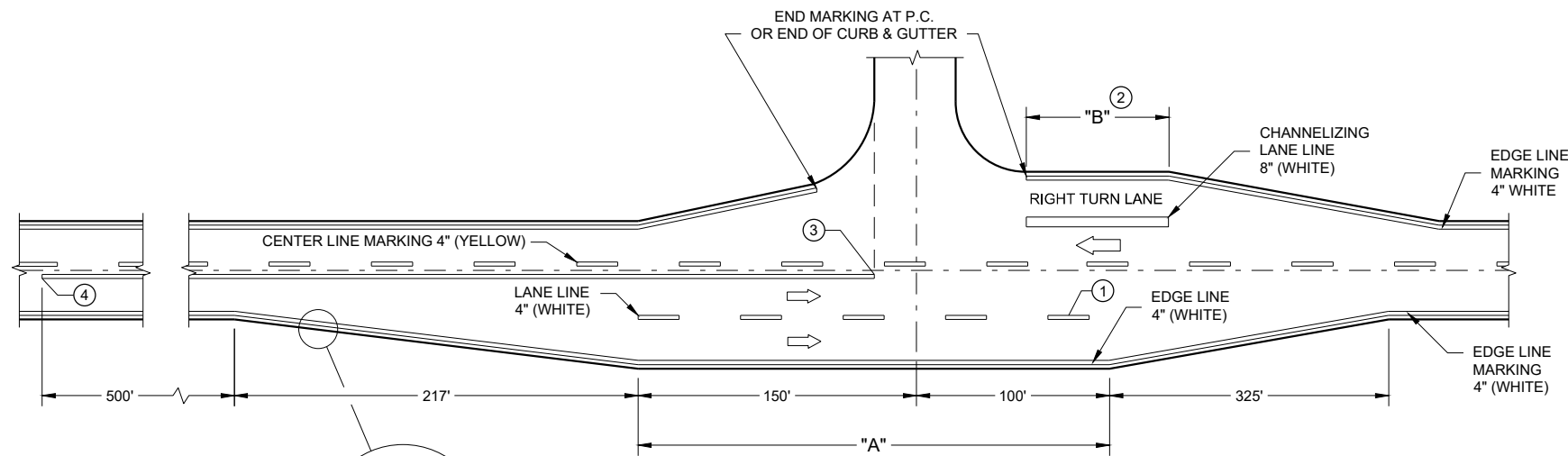
➡ DIRECTION OF TRAVEL



MINOR INTERSECTION

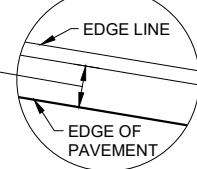


INTERSECTION ON OUTSIDE OF CURVE



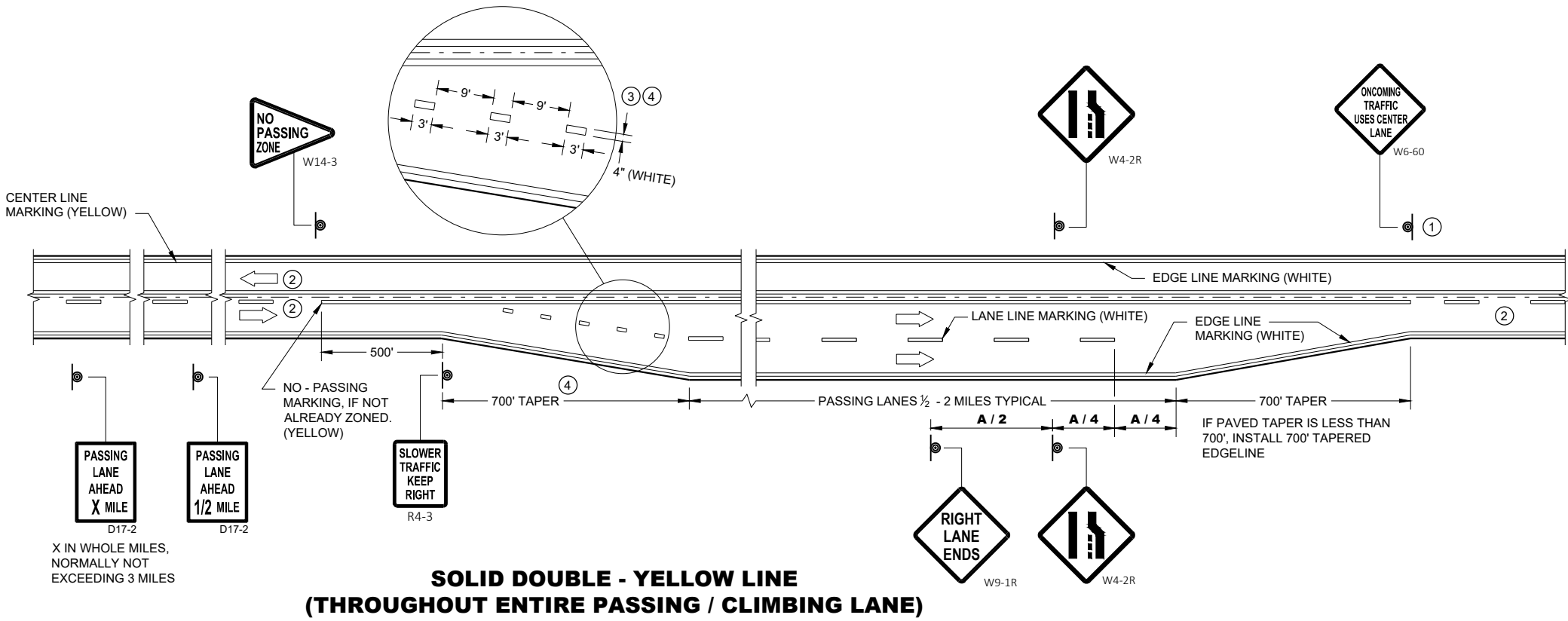
**MAJOR INTERSECTIONS
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)**

BYPASS LANE PAVED SHOULDER WIDTH (AS SHOWN ELSEWHERE IN PLANS) - PLUS 2 INCHES



**PAVEMENT MARKING
(INTERSECTIONS)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



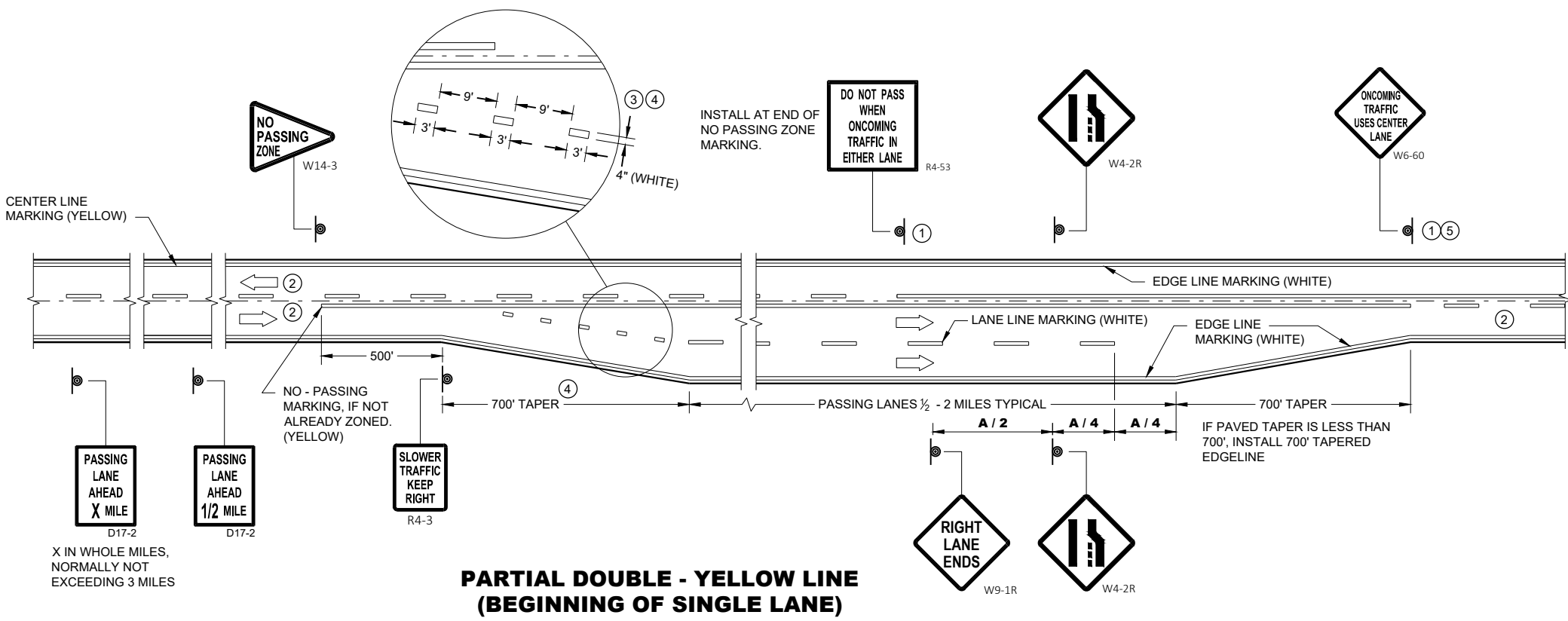
GENERAL NOTES

- SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
- THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE, 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING / CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.
- REPEAT EVERY 1 MILE UP UNTIL R4-53.

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

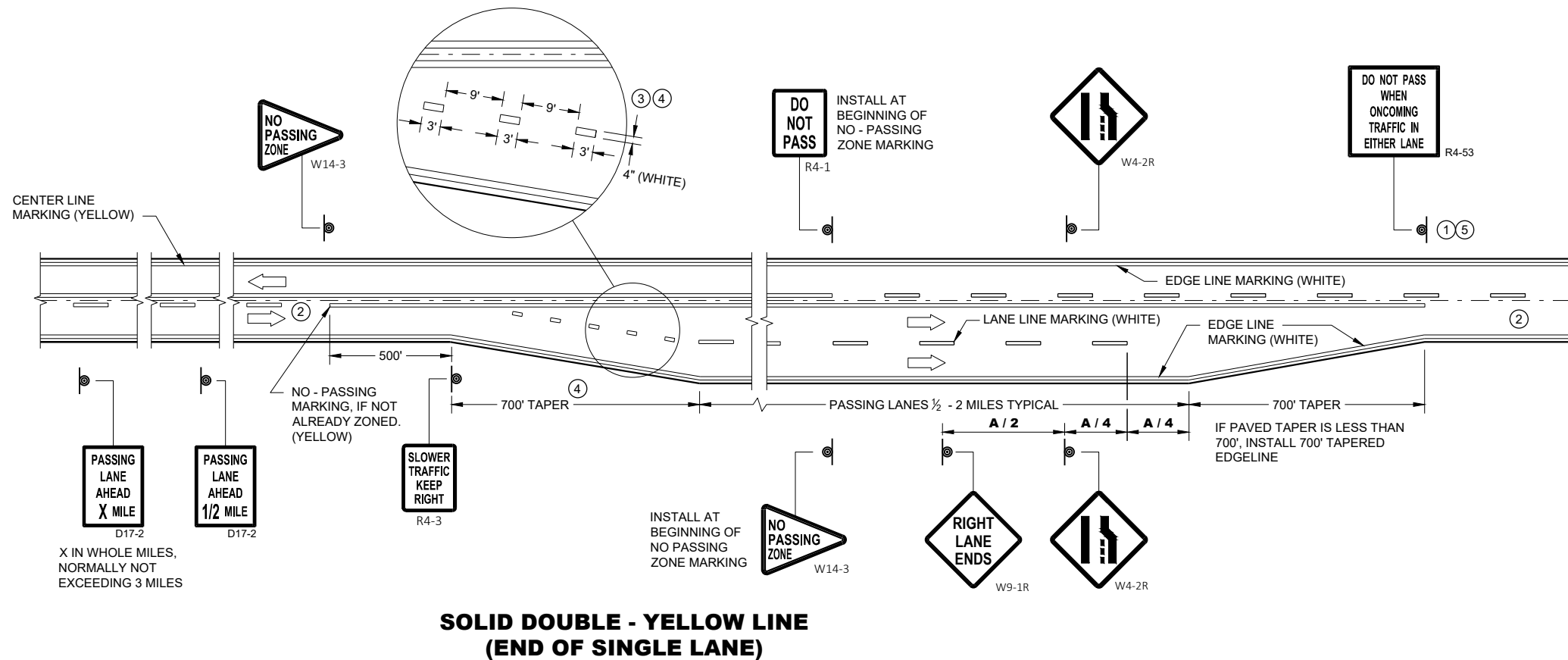
DISTANCE TABLE

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



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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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

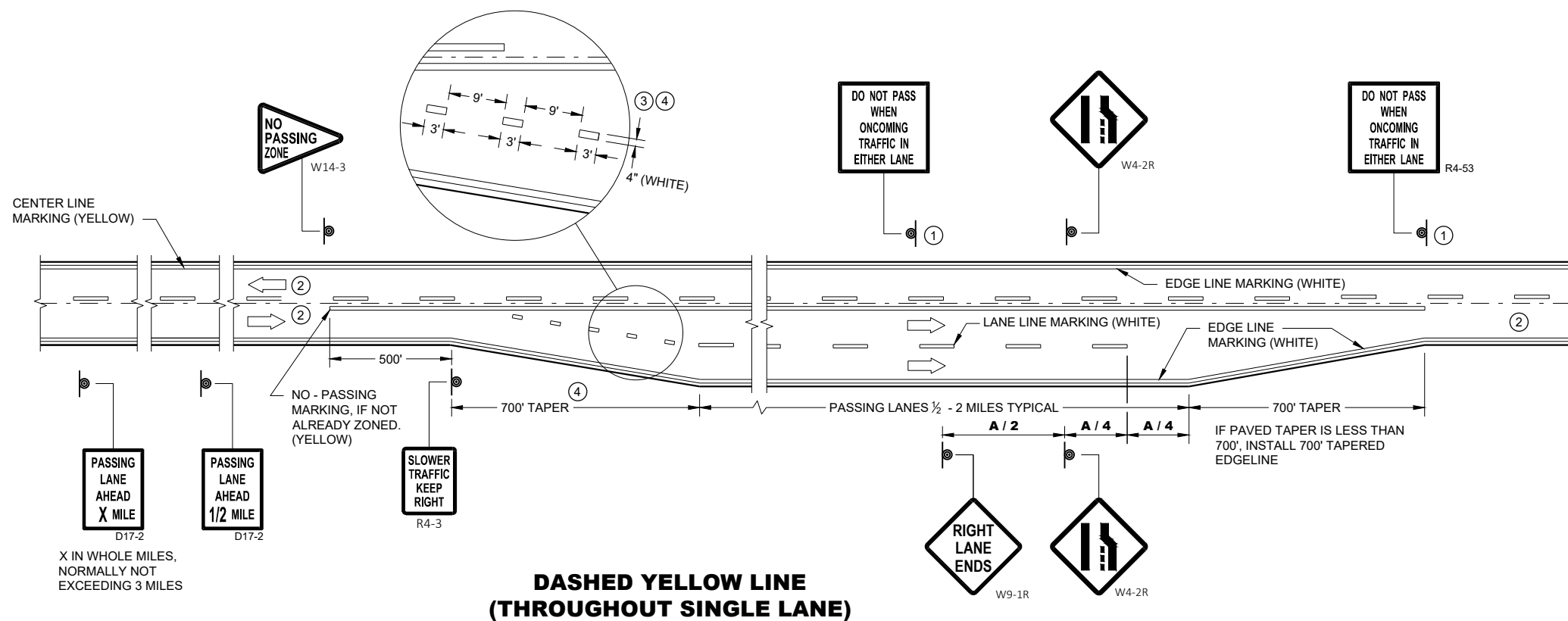
GENERAL NOTES

- 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



**DASHED YELLOW LINE
(THROUGHOUT SINGLE LANE)**

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 /S/ Jeannie Silver
DATE STATE SIGNING AND MARKING ENGINEER

FHWA

Notes



Wisconsin Department of Transportation

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