

LAX

PROJECT ID: 1009-12-91

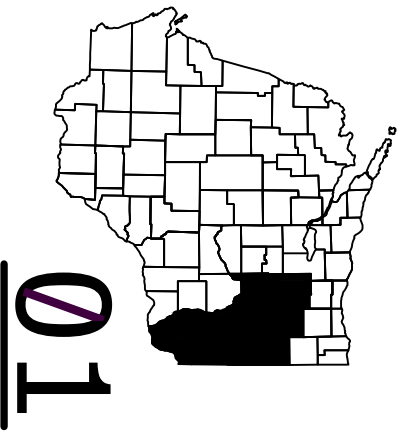
COUNTY: VARIOUS COUNTIES

APRIL 2019

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 Plan
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	Gross Sections

TOTAL SHEETS = 28



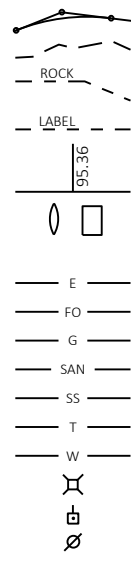
DESIGN DESIGNATION

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

CONVENTIONAL SYMBOLS

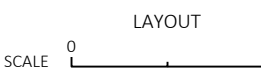
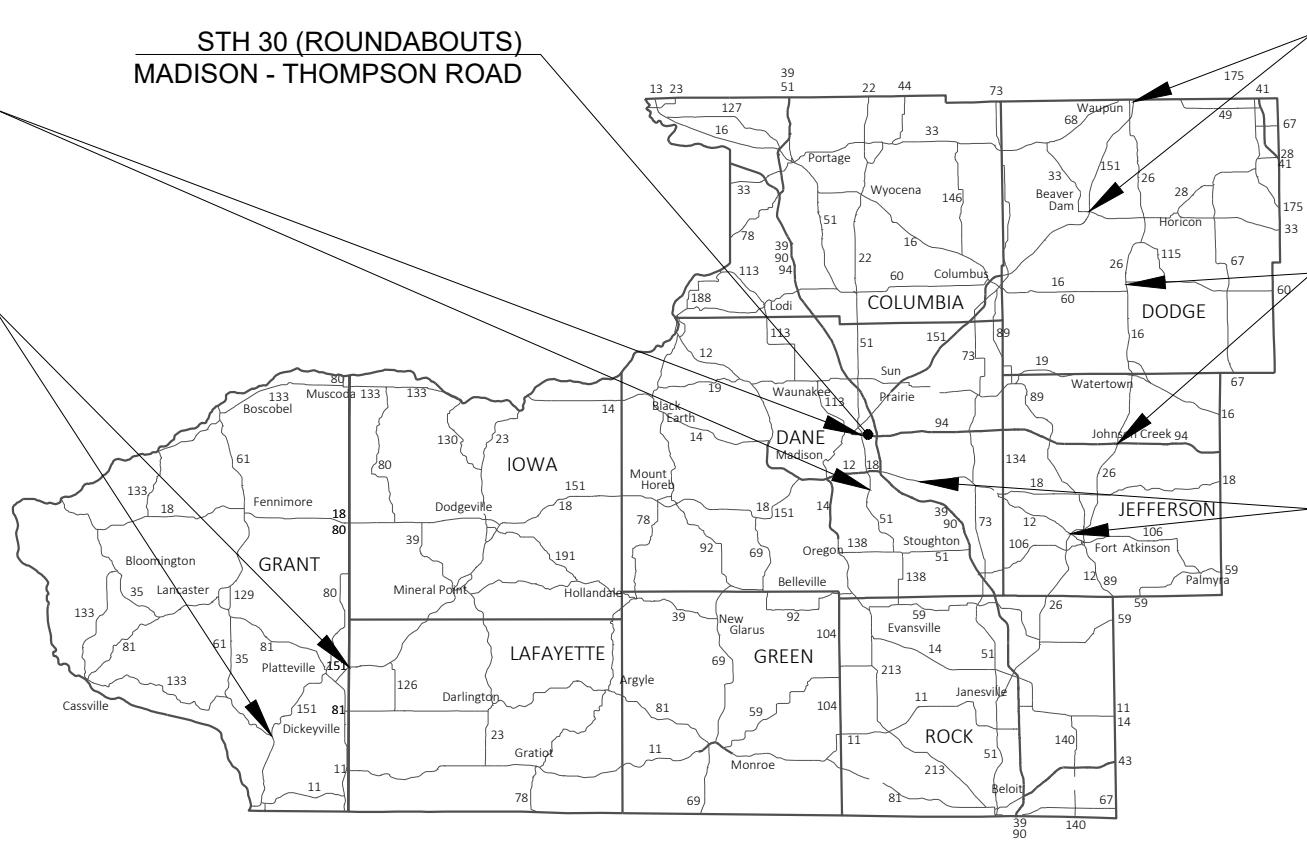
<u>PLAN</u>	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

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



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT
SW REGION PVMT MARKING EASTERN CTYS
STN LOCATIONS PER ANNUAL PLAN
VAR HWY
SW REGION WIDE

STATE PROJECT NUMBER
1009-12-91



TOTAL NET LENGTH OF CENTERLINE = 0.000 Mi.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1009-12-91		

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor _____

Designer IVER PETERSON

Project Manager _____

Regional Examiner SW Region

Regional Supervisor RICK VYDRZAL

APPROVED FOR THE DEPARTMENT

DATE: 11/28/2018 _____

(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.

DESIGN CONTACTS

PROJECT MANAGER
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LA CROSSE, WI 54601
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PROJECT SUPERVISOR
RICHARD VYDRZAL
WISDOT SW REGION
3550 MORMON COULEE ROAD
LA CROSSE, WI 54601
608-785-9043



Estimate Of Quantities

1009-12-91

Line	Item	Item Description	Unit	Total	Qty
0002	619.1000	Mobilization	EACH	1.000	1.000
0004	643.5000	Traffic Control	EACH	1.000	1.000
0006	646.1020	Marking Line Epoxy 4-Inch	LF	1,232,179.000	1,232,179.000
0008	646.3020	Marking Line Epoxy 8-Inch	LF	73,566.000	73,566.000
0010	646.5020	Marking Arrow Epoxy	EACH	81.000	81.000
0012	646.5120	Marking Word Epoxy	EACH	53.000	53.000
0014	646.5420	Marking Aerial Enforcement Bar Epoxy	EACH	20.000	20.000
0016	646.6120	Marking Stop Line Epoxy 18-Inch	LF	3,621.000	3,621.000
0018	646.6320	Marking Dotted Extension Epoxy 18-Inch	LF	120.000	120.000
0020	646.7120	Marking Diagonal Epoxy 12-Inch	LF	810.000	810.000
0022	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	4,198.000	4,198.000
0024	646.7520	Marking Crosswalk Epoxy Ladder Pattern 24-Inch	LF	50.000	50.000
0026	SPV.0090	Special 01. Marking Crosswalk Epoxy Transverse Line 12-Inch	LF	2,118.000	2,118.000
0028	SPV.0090	Special 02. Marking Line Epoxy 6-Inch	LF	504.000	504.000

PAVEMENT MARKING EPOXY (DIVIDED HIGHWAYS)
GRANT COUNTY (Dickeyville - Lafayette County Line)

HIGHWAY	LOCATION (From)	LOCATION (To)	646.1020			646.3020			646.5420	646.6120
			4-INCH EDGE LINE YELLOW L.F.	4-INCH LANE LINE WHITE L.F.	4-INCH EDGE LINE WHITE L.F.	8-INCH CHANNELIZING WHITE (MAINLINE) L.F.	8-INCH CHANNELIZING WHITE (RAMP) L.F.	8-INCH CHANNELIZING WHITE (ISLAND GORE) L.F.	AERIAL ENFORCEMENT BAR WHITE EACH	18-INCH STOP LINE WHITE L.F.
USH 151 NB	0.25 mi South of USH 61 / STH 35 (Dickeyville)	Lafayette County Line	71706	18745	64615					
	Exit 8 Off Ramp to USH 61		1120		1695	490	447			41
	Exit 8 On Ramp from USH 61		1082		2350	725	725			
	Hill Climb Rd Left Turn Lane					609				
	Fire Numbers 4052 and 4054 Left Turn Lane	Private Entrance				252				
	Clay Hollow Rd Right Turn Lane					460				
	Church Rd Left Turn Lane					499				
	North of Church Rd - Mile 11.50	Mile 12.03							10	
	Little Platte Ln Left Turn Lane					401				
	Airport Rd Left Turn Lane					534				
	Airport Rd Right Turn Lane					453				
	Fire Numbers 4638 and 4686 Left Turn Lane	Private Entrance				247				
	Fire Number 4862 Left Turn Lane	Private Entrance				224				
	Fire Numbers 4934, 4942 and 4656 Left Turn Lane	Private Entrance				228				
	Woody Ln South Junction Left Turn Lane					367				
	Fire Number 5223 Left Turn Lane	Private Entrance				251				
	Hummingbird Rd Right Turn Lane					460				
	CTH O Left Turn Lane					456				
	Hummingbird Rd									27
	Major Ln Right Turn Lane					454				
	Maple Ridge Rd Left Turn Lane					465				
	Southwest Rd Left Turn Lane					486				
	Southwest Rd Right Turn Lane					433				
	Fire Number 5753 Left Turn Lane	Private Entrance				239				
	Exit 18 Off Ramp to CTH D and Business 151		1090		1770	470	488			29
	Exit 18 On Ramp from CTH D and Business 151		1119		2646	856	848			
	Exit 19 Off Ramp to STH 80		1701		2317	455	453			22
	Exit 19 On Ramp from STH 80		887		2113	545	546			
	Exit 21 Off Ramp to CTH XX		2176		2795	446	454	232		28
	Exit 21 On Ramp from CTH XX		794		2466	1047	1042			
Sub Totals			81675	18745	82767	12552	5003	232	10	147

NOTE: Existing Reflective Tape (Channelizing Lines) Are To Remain

PAVEMENT MARKING EPOXY (DIVIDED HIGHWAYS)

GRANT COUNTY (Lafayette County Line - Dickeyville)

HIGHWAY	LOCATION (From)	LOCATION (To)	646.1020			646.3020			646.5420	646.6120	646.7120
			4-INCH EDGE LINE YELLOW L.F.	4-INCH LANE LINE WHITE L.F.	4-INCH EDGE LINE WHITE L.F.	8-INCH CHANNELIZING WHITE (MAINLINE) L.F.	8-INCH CHANNELIZING WHITE (RAMP) L.F.	8-INCH CHANNELIZING WHITE (ISLAND GORE) L.F.	AERIAL ENFORCEMENT BAR WHITE EACH	18-INCH STOP LINE WHITE L.F.	12-INCH DIAGONAL WHITE L.F.
USH 151 SB	Lafayette County Line	0.25 mi South of USH 61 / STH 35 (Dickeyville)	71505	18566	64504					15	73
	Exit 21 Off Ramp to CTH XX		1930		2130	266	260	382			
	Exit 21 On Ramp from CTH XX		862		2332	771	767				
	Exit 19 Off Ramp to STH 80		1702		2268	392	396			25	
	Exit 19 On Ramp from STH 80		1023		2526	831	829				
	Exit 18 Off Ramp to CTH D Business 151	Private Entrance	872		1497	461	458			27	
	Exit 18 On Ramp from CTH D and Business 151		1095		2589	827	829				
	Fire Number 5753 Left Turn Lane					247					
	Southwest Rd Left Turn Lane					493					
	Southwest Rd Right Turn Lane					464					
	Major Ln Left Turn Lane					491					
	Maple Ridge Rd Right Turn Lane					470					
	Hummingbird Rd Left Turn Lane					505					
	CTH O Right Turn Lane					448				33	
	CTH O										
	Fire Number 5223 Left Turn Lane	Private Entrance				223					
	Woody Ln North Junction Right Turn Lane					321					
	Woody Ln South Junction Left Turn Lane					239					
	Fire Numbers 4931 and 4951 Left Turn Lane	Private Entrance				240					
	Fire Number 4853 Left Turn Lane	Private Entrance				243					
	Fire Numbers 4638 and 4686 Left Turn Lane	Private Entrance				237					
	Airport Rd Left Turn Lane	Mile 11.50				638					
	Little Platte Ln Right Turn Lane					334					
	Little Platte Ln Left Turn Lane					240					
	North of Church Rd - Mile 12.03								10		
	Church Rd Right Turn Lane					493					
	Church Rd Left Turn Lane	Private Entrance				231					
	Clay Hollow Rd Left Turn Lane					673					
	Fire Numbers 4052 and 4054 Left Turn Lane					395					
	Hill Climb Rd Right Turn Island					667					112
	Hill Climb Rd Left Turn Lane					249					
	Hill Climb Rd									60	
	Exit 8 Off Ramp to USH 61		1184		1737	394	399			40	
Sub Totals			80173	18566	79583	12483	3938	382	10	200	185

NOTE: Existing Reflective Tape (Channelizing Lines) Are To Remain

PAVEMENT MARKING EPOXY (DIVIDED HIGHWAYS)			646.1020			646.3020
DODGE COUNTY (Beaver Dam - Fond du Lac County Line)			4-INCH EDGE LINE YELLOW L.F.	4-INCH LANE LINE WHITE L.F.	4-INCH EDGE LINE WHITE L.F.	8-INCH CHANNELIZING WHITE (ISLAND GORE) L.F.
HIGHWAY	LOCATION (From)	LOCATION (To)				
USH 151 NB	750' north of Exit 132 at STH 33	Fond du Lac Co Line (STH 49) northside of bridge deck				
	Exit 134 at Industrial Dr (Beaver Dam)	OFF Ramp	969		1495	
	Exit 135 at CTH B (Beaver Dam)	OFF Ramp	948		1430	
	Exit 135 at CTH B (Beaver Dam)	ON Ramp	1073		2389	
	Exit 136 at CTH A	OFF Ramp	810		1342	
	Exit 136 at CTH A	ON Ramp	1261		2657	
	Exit 142 at CTH M (Business 151)	OFF Ramp	2967		3511	
	Exit 144 at STH 26	OFF Ramp	867		1296	110
	Exit 144 at STH 26	ON Ramp	1218		2707	100
	Exit 146 at STH 49 (Waupun)	OFF Ramp	797		1292	64
USH 151 SB	Exit 146 at STH 49 (Waupun)	ON Ramp	819		1607	
	Fond du Lac Co Line (STH 49) northside of bridge deck	750' north of Exit 132 at STH 33 (Beaver Dam)				
	Exit 146 at STH 49 (Waupun)	OFF Ramp	824		1433	65
	Exit 146 at STH 49 (Waupun)	ON Ramp	705		1671	
	Exit 144 at STH 26	OFF Ramp	880		1331	100
	Exit 144 at STH 26	ON Ramp	1023		2373	70
	Exit 142 at CTH M (Business 151)	ON Ramp	1502		2857	
	Exit 136 at CTH A	OFF Ramp	902		1425	
	Exit 136 at CTH A	ON Ramp	1235		1905	
	Exit 135 at CTH B (Beaver Dam)	OFF Ramp	915		1385	160
	Exit 135 at CTH B (Beaver Dam)	ON Ramp	785	350	2205	
	Exit 134 at Industrial Dr (Beaver Dam)	ON Ramp	1085		2413	
Sub Totals			21585	350	38724	669

NOTE: Existing Reflective Tape (Channelizing Lines & Lane Lines) Are To Remain

PAVEMENT MARKING EPOXY (UNDIVIDED HIGHWAYS)			646.1020				646.3020	
DANE & JEFFERSON COUNTIES (Cottage Grove - Fort Atkinson)			4-INCH EDGE LINE YELLOW L.F.	4-INCH CENTERLINE NO PASSING YELLOW L.F.	4-INCH LANE LINE WHITE L.F.	4-INCH EDGE LINE WHITE L.F.	8-INCH CHANNELIZING WHITE (MAINLINE) L.F.	8-INCH CHANNELIZING WHITE (RAMP) L.F.
HIGHWAY	LOCATION (From)	LOCATION (To)						
USH 12/18 EB & WB	Dane County							
	1 Mile East of CTH N - Cottage Grove	315' South of USH 18 Cambridge		53761	325	90019	1560	396
USH 12 EB & WB	Jefferson County							
	USH 18	Fort Atkinson	8863	72380	2450	103962	5862	
Sub Totals			8863	126141	2775	193981	7422	396

			646.1020				646.3020						
PAVEMENT MARKING EPOXY (DIVIDED HIGHWAYS)			4-INCH EDGE LINE YELLOW L.F.	4-INCH CENTERLINE NO PASSING YELLOW L.F.	4-INCH LANE LINE WHITE L.F.	4-INCH EDGE LINE WHITE L.F.	8-INCH CHANNELIZING WHITE (MAINLINE) L.F.	8-INCH CHANNELIZING WHITE (RAMP) L.F.	8-INCH CHANNELIZING WHITE (ISLAND GORE) L.F.	646.5020		646.5120	646.6120
JEFFERSON & DODGE COUNTIES (Johnson Creek - STH 16/60)										ARROWS TYPE 2 WHITE EACH	ARROWS TYPE 3R WHITE EACH	WORDS "ONLY" WHITE EACH	18-INCH STOP LINE WHITE L.F.
HIGHWAY	LOCATION (From)	LOCATION (To)											
STH 26 NB	Johnson Creek (River Rd)	0.5 mile north of Exit 52 (STH 16/60 Bridge)	94776	950	24217	87965	11920						
	Exit 39 at CTH Y (Watertown)	OFF Ramp	821			1719			395	2	2	2	
	CTH Y at STH 26	Westbound								1	1		
	Exit 39 at CTH Y (Watertown)	ON Ramp	889			2242			300				
	Exit 43 at STH 19 (Watertown)	OFF Ramp	600			1514							
	Exit 43 at STH 19 (Watertown)	ON Ramp	819			2195							
	Exit 45 at STH 16	OFF Ramp	1290			2230							
	Exit 45 at STH 16	ON Ramp	1384			2687							
	Exit 52 at STH 16/60	OFF Ramp	1144			1996							25
Exit 52 at STH 16/60	ON Ramp	892			2014								
STH 26 SB	0.5 mile north of Exit 52 (STH 16/60 Bridge)	Johnson Creek (River Rd)	92506	950	24217	90130	14995						
	Exit 52 at STH 16/60	OFF Ramp	987			1526							28
	Exit 52 at STH 16/60	ON Ramp	1155			2381							
	Exit 45 at STH 16	OFF Ramp	3830			4260							
	Exit 45 at STH 16	ON Ramp	3268			4948							
	Exit 43 at STH 19 (Watertown)	OFF Ramp	817			1681							
	Exit 43 at STH 19 (Watertown)	ON Ramp	632			2375							
	Exit 39 at CTH Y (Watertown)	OFF Ramp	989			1472							
	Exit 39 at CTH Y (Watertown)	ON Ramp	855			2174	382	382					
Sub Totals			207654	1900	48434	215509	27297	382	695	3	3	2	53

PAVEMENT MARKING EPOXY (ROUNDBABOUTS)																		
DANE COUNTY (Madison)		646.1020		646.3020		646.5020					646.5120	646.6220	646.7120		646.7420	SPV.0090.01	SPV.0090.02	
		4-INCH EDGE LINE YELLOW L.F.	4-INCH EDGE LINE WHITE L.F.	8-INCH LANE LINE WHITE L.F.	8-INCH CHANNELIZING WHITE L.F.	ARROWS TYPE 1 WHITE EACH	ARROWS TYPE 2 WHITE EACH	ARROWS TYPE 2R WHITE EACH	ARROWS TYPE 3 WHITE EACH	ARROWS TYPE 3R WHITE EACH	WORDS "ONLY" WHITE EACH	YIELD LINE WHITE EACH	12-INCH DIAGONAL WHITE L.F.	12-INCH DIAGONAL YELLOW L.F.	6-INCH CROSSWALK WHITE L.F.	12-INCH CROSSWALK WHITE L.F.	6-INCH LANE LINE WHITE L.F.	
HIGHWAY	LOCATION (Madison)																	
STH 30	Thompson Road Roundabouts	2065	775	40	2075	2	7	3	6	3	10	120	460	165	550	550	504	
Sub Totals		2065	775	40	2075	2	7	3	6	3	10	120	460	165	550	550	504	
				Total 8-INCH		2115												

PAVEMENT MARKING EPOXY			646.1020		646.5020	646.5120	646.6120	646.7420	646.7520	SPV.0090.01
USH 51 DANE COUNTY (Madison - McFarland)			4-INCH MINI DASHES WHITE L.F.	4-INCH MINI DASHES YELLOW L.F.	ARROWS TYPE 2 WHITE EACH	WORDS "ONLY" WHITE EACH	18-INCH STOP LINE WHITE L.F.	6-INCH CROSSWALK WHITE L.F.	24-INCH CROSSWALK BLOCK WHITE L.F.	12-INCH CROSSWALK WHITE L.F.
HIGHWAY	LOCATION (AT)	(DIRECTION)								
USH 51	OFF Ramp to Sigglekow Rd (McFarland)	Northbound					42			
USH 51	OFF Ramp to Sigglekow Rd (McFarland)	Southbound					43			
USH 51	Terminal Dr	Northbound					67			
USH 51	Terminal Dr	Southbound					70			
Terminal Dr	USH 51	Eastbound					36			
Terminal Dr	USH 51	Westbound					50			
USH 51	CTH BW - Broadway Ave	Northbound					63			
USH 51	CTH BW - Broadway Ave	Southbound					84			
CTH BW-Broadway	USH 51	Eastbound					64			
CTH BW-Broadway	USH 51	Westbound					82	63	50	
USH 51	USH 51 to CTH BW - Broadway Ave (Madison)	Southbound to Eastbound	188	236	2	2	141			
USH 51	USH 51 to CTH BW - Broadway Ave (Madison)	Northbound to Westbound	301	301	2	2	145	119		88
CTH BW-Broadway	CTH BW - Broadway Ave to USH 51 (Madison)	Eastbound to Northbound	272	272	2	2	26			
CTH BW-Broadway	CTH BW - Broadway Ave to USH 51 (Madison)	Westbound to Southbound	86	86	2	2	25			
USH 51	Pflaum Rd (Mainline) Madison)	Northbound					70			252
USH 51	Pflaum Rd (Mainline)	Southbound					66			291
Pflaum Rd	USH 51	Eastbound					56			
Pflaum Rd	USH 51	Westbound					57			251
USH 51	CTH AB - Buckeye Rd (Madison)	Northbound					65	247		
USH 51	CTH AB - Buckeye Rd (Madison)	Southbound					62	244		
CTH AB - Buckeye	USH 51	Eastbound					58	52		
CTH AB - Buckeye	USH 51	Westbound					57	49		
USH 51	OFF Ramp to Cottage Grove Rd	Northbound OFF Ramp					43	208		
USH 51	OFF Ramp to Cottage Grove Rd	Southbound OFF Ramp					59	232		
USH 51	OFF Ramp to Milwaukee St	Northbound OFF Ramp					42	237		
USH 51	OFF Ramp to Milwaukee St	Southbound OFF Ramp					43	266		
Milwaukee St	USH 51	Eastbound					102	126		
Milwaukee St	USH 51	Westbound					102	278		
USH 51	STH 30	Northbound					111			
USH 51	STH 30	Southbound					140			
STH 30	STH 30 EB OFF Ramp to USH 51 NB	OFF Ramp EB to NB					15			
STH 30	STH 30 WB OFF Ramp to USH 51 SB	OFF Ramp WB to SB					24			
USH 51	STH 30 (Madison)	Northbound to Westbound	58							
USH 51	STH 30 (Madison)	Southbound to Eastbound	51							
STH 30	USH 51 (Madison)	Westbound to Southbound	63							
Sub Totals			1019	895	8	8	2110	2121	50	882

PAVEMENT MARKING EPOXY USH 51 DANE COUNTY (Madison - McFarland, cont.)			646.5020			646.5120	646.6120	646.7420	SPV.0090.01
			ARROWS TYPE 1 WHITE EACH	ARROWS TYPE 2 WHITE EACH	ARROWS TYPE 3 WHITE EACH	WORDS "ONLY" WHITE EACH	18-INCH STOP LINE WHITE L.F.	6-INCH CROSSWALK WHITE L.F.	12-INCH CROSSWALK WHITE L.F.
			HIGHWAY	LOCATION (AT)	(DIRECTION)				
USH 151	USH 51	Eastbound					85	170	
USH 151	USH 51	Westbound					85	40	
USH 51	USH 151	Northbound		6		6	63	174	
USH 51	USH 151	Southbound		6		5	76	224	
USH 51	Anderson St	Northbound		5		5	58		60
USH 51	Anderson St	Southbound		4		2	52		104
Anderson St	USH 51	Eastbound	2	4		3	26		134
Anderson St	USH 51	Westbound		1	1		41		100
USH 51	Kinsman Blvd	Northbound		2		2	55		119
USH 51	Kinsman Blvd	Southbound		4		2	47		37
Kinsman Blvd	USH 51	Eastbound	2	4		3	40		74
Kinsman Blvd	USH 51	Westbound	1	2		3	38		58
USH 51	Larson Beach Rd	Northbound					47	190	
USH 51	Larson Beach Rd	Southbound					53		
Larson Beach Rd	USH 51	Eastbound					26		
Larson Beach Rd	USH 51	Westbound					19	161	
USH 51	Farwell St	Northbound					45	157	
USH 51	Farwell St	Southbound					37	162	
Farwell St	USH 51	Eastbound					23	114	
Farwell St	USH 51	Westbound					22	135	
Dale St	USH 51 (McFarland)	Eastbound					30		
Dale St	USH 51 (McFarland)	Westbound					42		
Burma Rd	USH 51 (McFarland)	Eastbound					17		
Burma Rd	USH 51 (McFarland)	Westbound					23		
Bible Camp Rd	USH 51 (McFarland)	Eastbound					39		
Exchange St	USH 51 (McFarland)	Westbound					22		
USH 51	Exchange St (McFarland)	Northbound		2		2			
Sub Totals			5	40	1	33	1111	1527	686

PAVEMENT MARKING SUMMARY (LONG LINE)

		646.1020						646.3020		
HIGHWAY	COUNTY	4-INCH EDGE LINE YELLOW L.F.	4-INCH CENTERLINE NO PASSING YELLOW L.F.	4-INCH LANE LINE WHITE L.F.	4-INCH MINI DASHES WHITE L.F.	4-INCH MINI DASHES YELLOW L.F.	4-INCH EDGE LINE WHITE L.F.	8-INCH CHANNELIZING WHITE (MAINLINE) L.F.	8-INCH CHANNELIZING WHITE (RAMP) L.F.	8-INCH CHANNELIZING WHITE (ISLAND GORE) L.F.
USH 61/151 NB	GRANT (Dickeyville - Lafayette County Line)	81675		18745			82767	12552	5003	232
USH 61/151 SB	GRANT (Lafayette County Line - Dickeyville)	80173		18566			79583	12483	3938	382
USH 151 NB & SB	DODGE (Beaver Dam - Fond du Lac County Line)	21585		350			38724			669
USH 12 EB & WB	DANE & JEFFERSON (Cottage Grove - Fort Atkinson)	8863	126141	2775			193981	7422	396	
STH 26 NB & SB	JEFFERSON & DODGE (Johnson Creek - STH 16/60)	207,654	1,900	48,434			215,509	27,297	382	695
STH 30 (Roundabouts)	DANE (Madison - Thompson Road)	2065					775	2115		
USH 51 NB & SB	DANE (Madison - McFarland)				1019	895				
TOTALS		402015	128041	88870	1019	895	611339	61869	9719	1978
TOTAL 4-INCH								1232179	TOTAL 8-INCH	73566

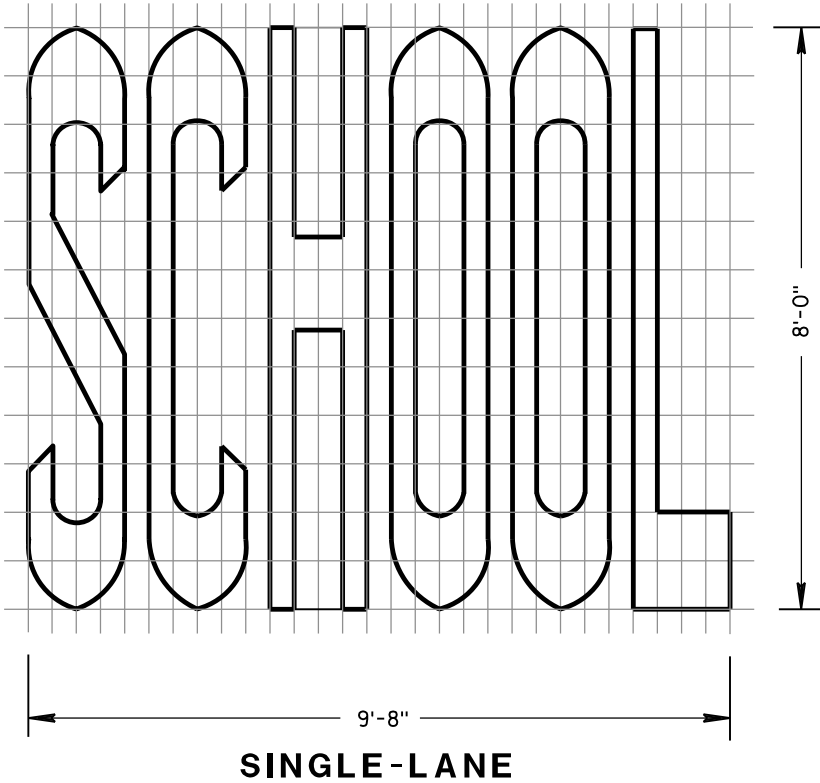
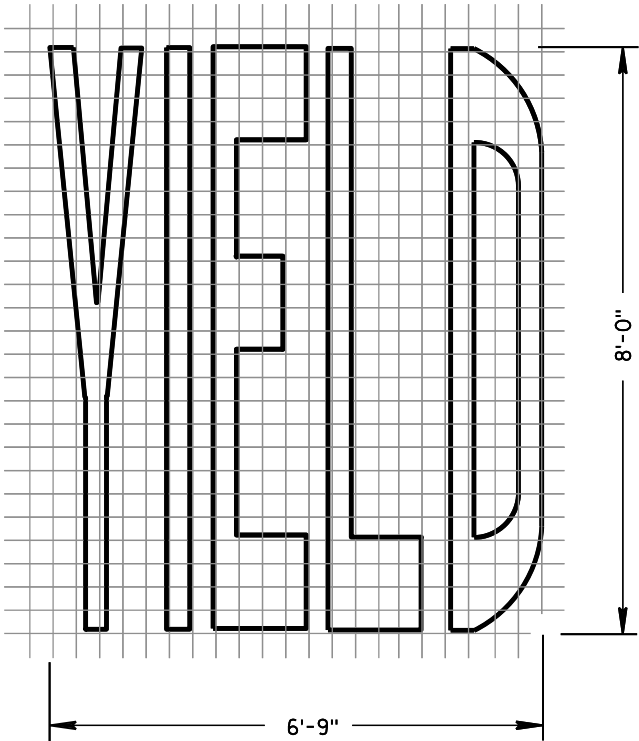
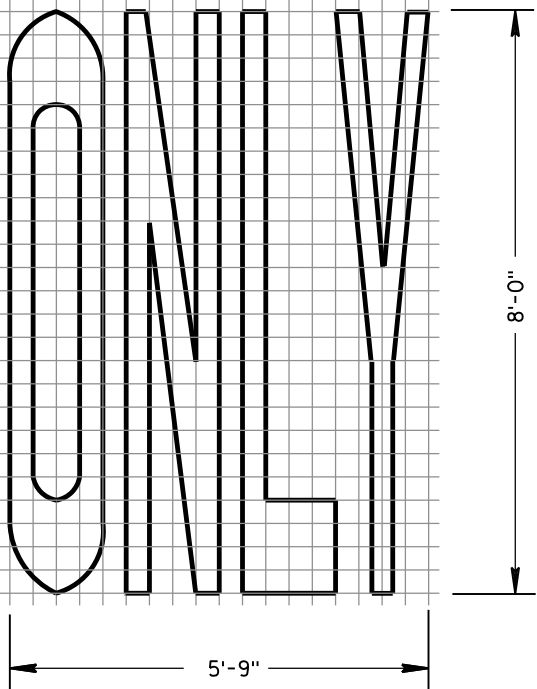
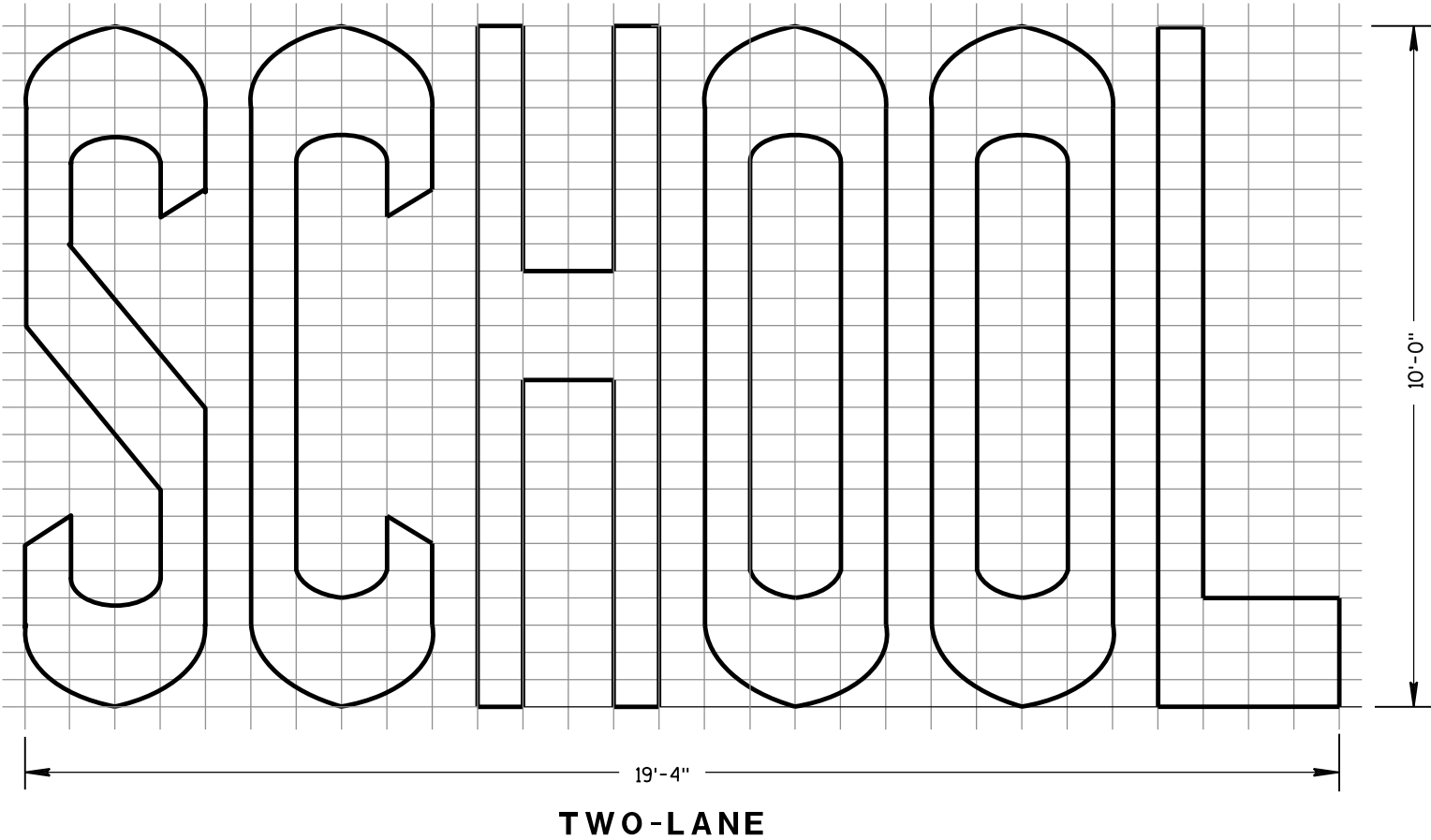
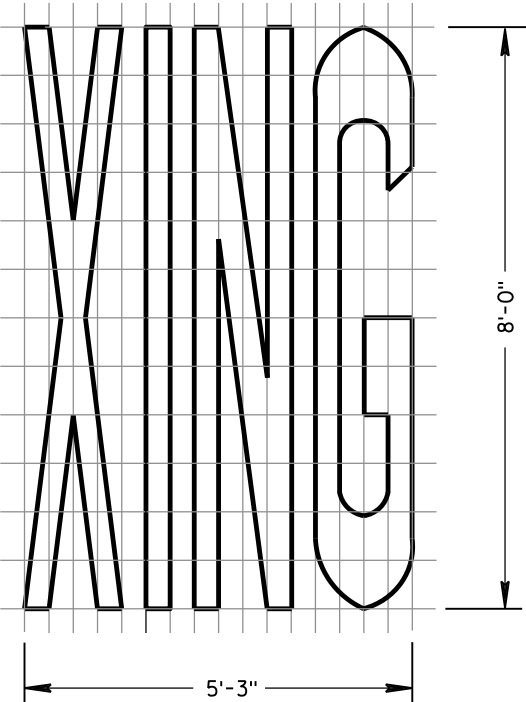
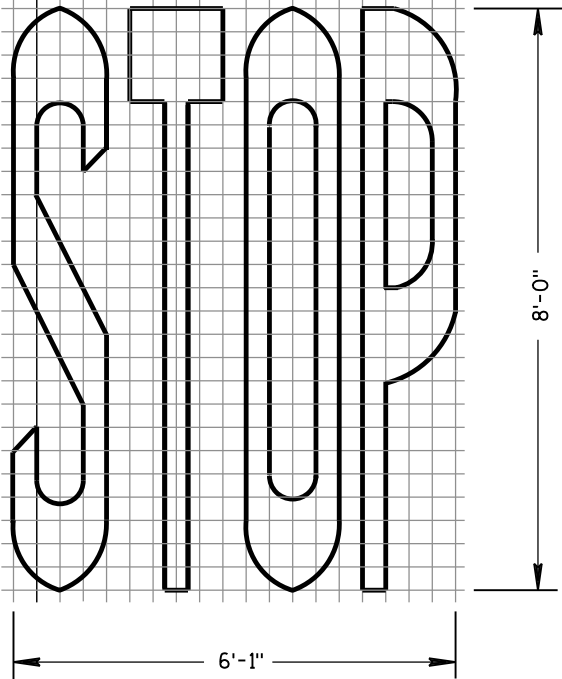
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		ARROWS TYPE 1 WHITE EACH	ARROWS TYPE 2 WHITE EACH	ARROWS TYPE 2R WHITE EACH	ARROWS TYPE 3 WHITE EACH	ARROWS TYPE 3R WHITE EACH	WORDS "ONLY" WHITE EACH	AERIAL ENFORCEMENT BAR WHITE EACH		18-INCH STOP LINE WHITE L.F.	18-INCH DOTTED EXTENSION WHITE L.F.	12-INCH DIAGONAL WHITE L.F.	12-INCH DIAGONAL YELLOW L.F.	6-INCH CROSSWALK WHITE L.F.	24-INCH CROSSWALK BLOCK WHITE L.F.	12-INCH CROSSWALK WHITE L.F.	6-INCH LANELINE WHITE L.F.		
HIGHWAY	COUNTY																		
USH 61/151 NB	GRANT (Dubuque - Lafayette County Line)							10		147									
USH 61/151 SB	GRANT (Lafayette County Line - Dubuque)							10		200		185							
STH 26 NB & SB	JEFFERSON & DODGE (Johnson Creek - STH 16/60)		3			3	2			53									
STH 30 (Roundabouts)	DANE (Madison - Thompson Road)	2	7	3	6	3	10				120	460	165	550		550	504		
USH 51 NB & SB	DANE (Madison - McFarland)		8				8			2110				2121	50	882			
USH 51 NB & SB	DANE (Madison - McFarland, cont.)	5	40		1		33			1111				1527		686			
TOTALS		7	58	3	7	6	53	20		3621	120	645	165	4198	50	2118	504		
TOTAL ARROWS				81				TOTAL										810	

Standard Detail Drawing List

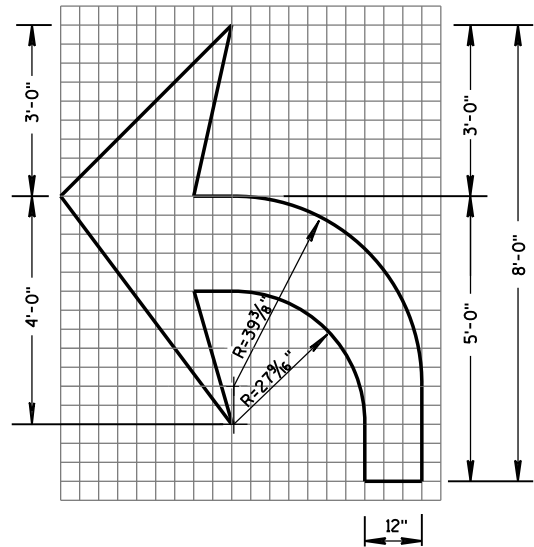
15C07-14B	PAVEMENT MARKING WORDS
15C07-14C	PAVEMENT MARKING ARROWS
15C07-14D	ROUNDBOUT ARROWS
15C08-19A	LONGITUDINAL MARKING (MAINLINE)
15C08-19C	PAVEMENT MARKING (TURN LANES)
15C14-03	AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAILS
15C18-04	MEDIAN ISLAND MARKING
15C19-05A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-05B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C19-05C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C20-02	YIELD MARKING
15C21-08	SIGNING AND MARKING FOR TWO LANE TO FOUR LANE DIVIDED TRANSITIONS
15C31-03A	PAVEMENT MARKING (RAMPS AND GORES)
15C33-03	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-03A	PAVEMENT MARKING (INTERSECTIONS)
15D37-02	TRAFFIC CONTROL, 2-LANE ROUNDBOUT

GENERAL NOTES

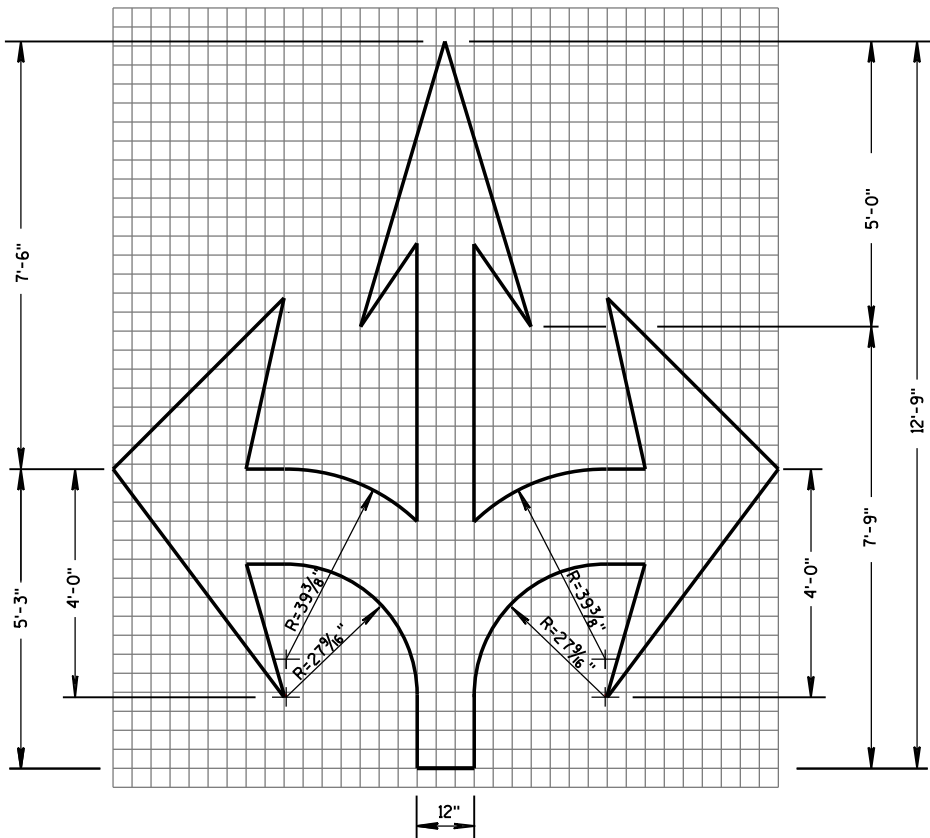
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



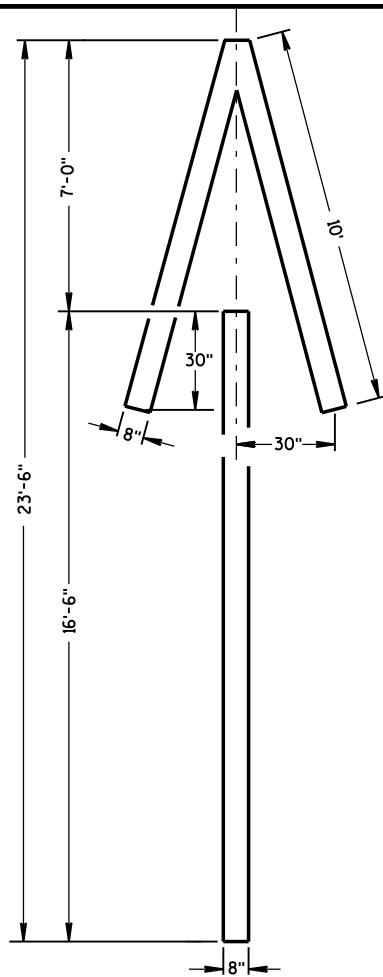
PAVEMENT MARKING WORDS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED June 2017 DATE	/S/ Matthew R. Rauch STATE SIGNING AND MARKING ENGINEER
FHWA	



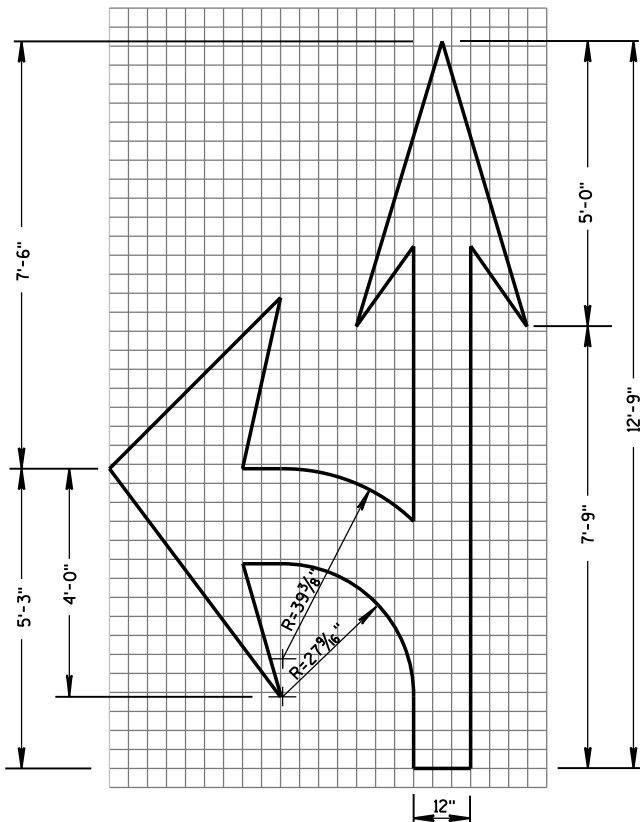
TYPE 2



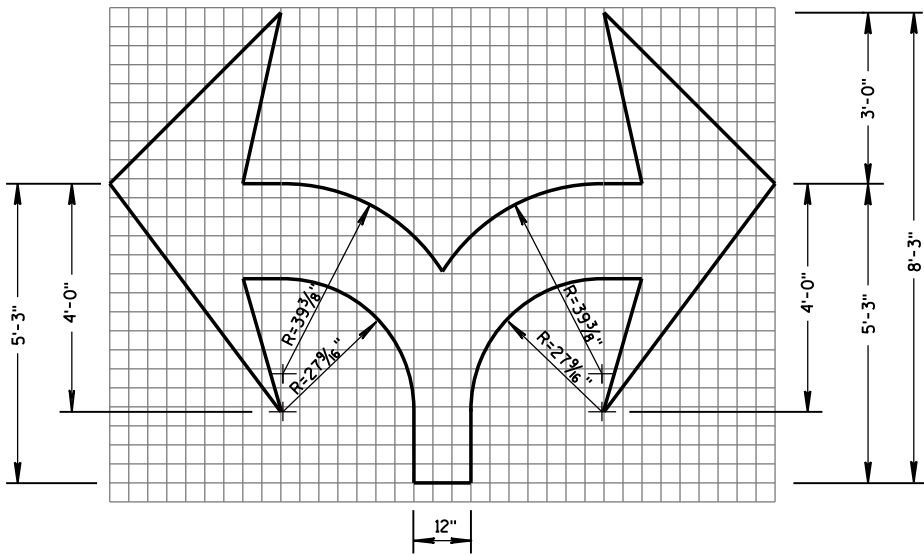
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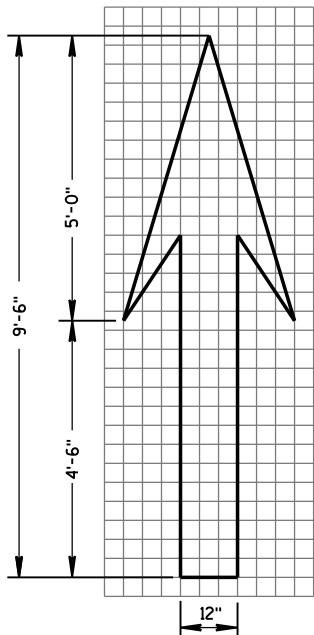
TYPE 4



TYPE 3



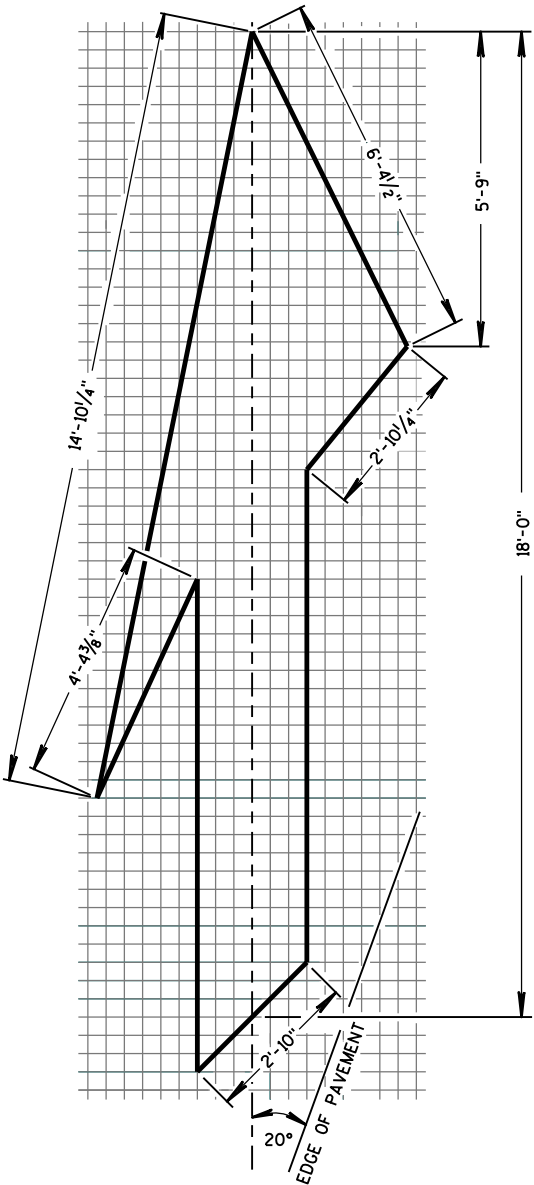
TYPE 7



TYPE 1

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.

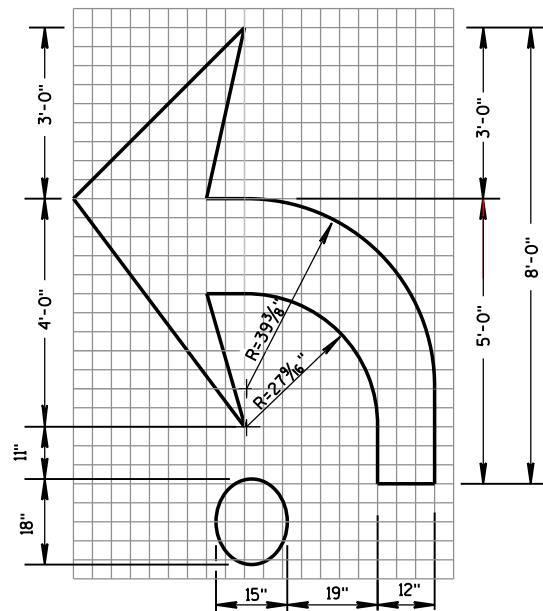


TYPE 5 LANE DROP ARROW

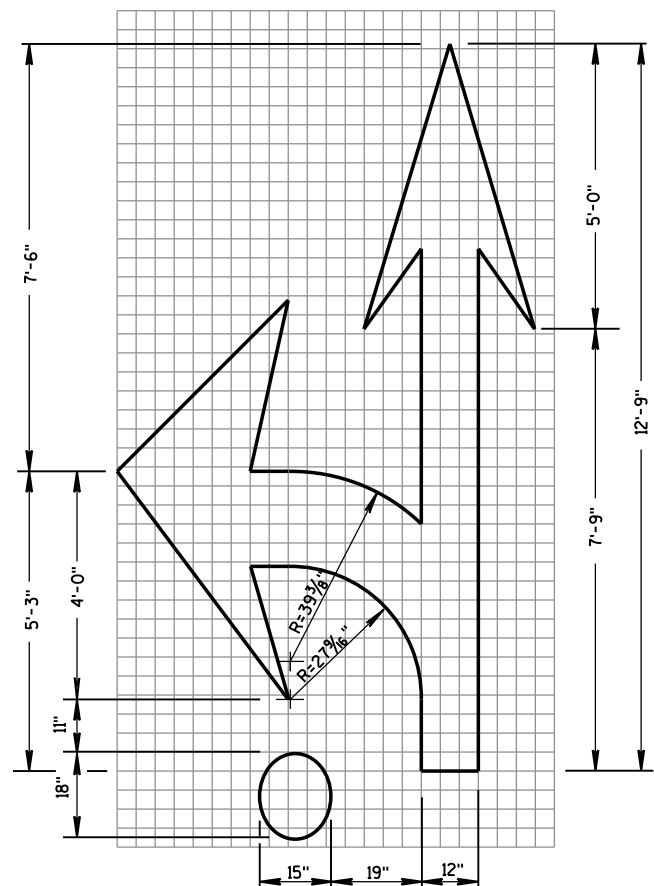
PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

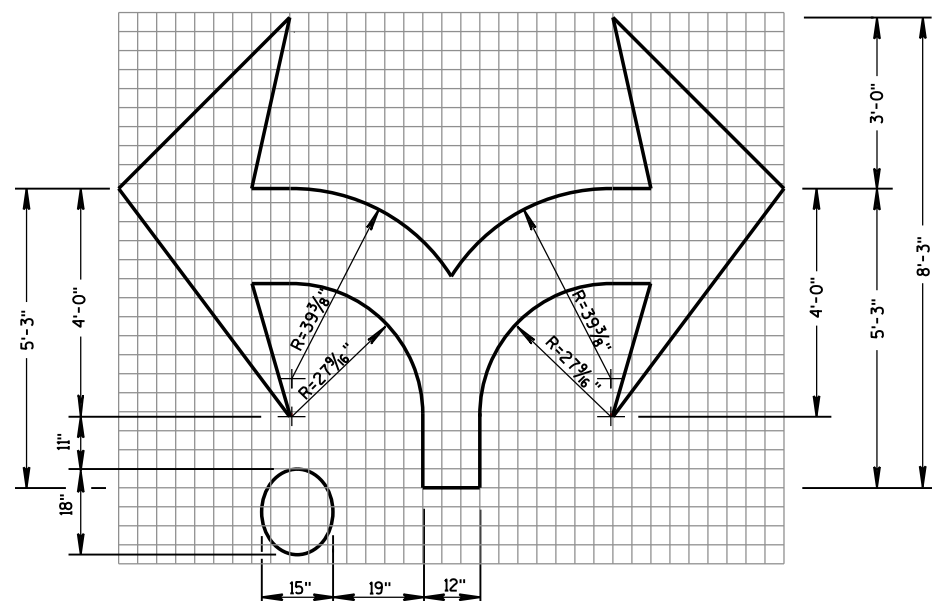
APPROVED
June 2017 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA



TYPE 2R



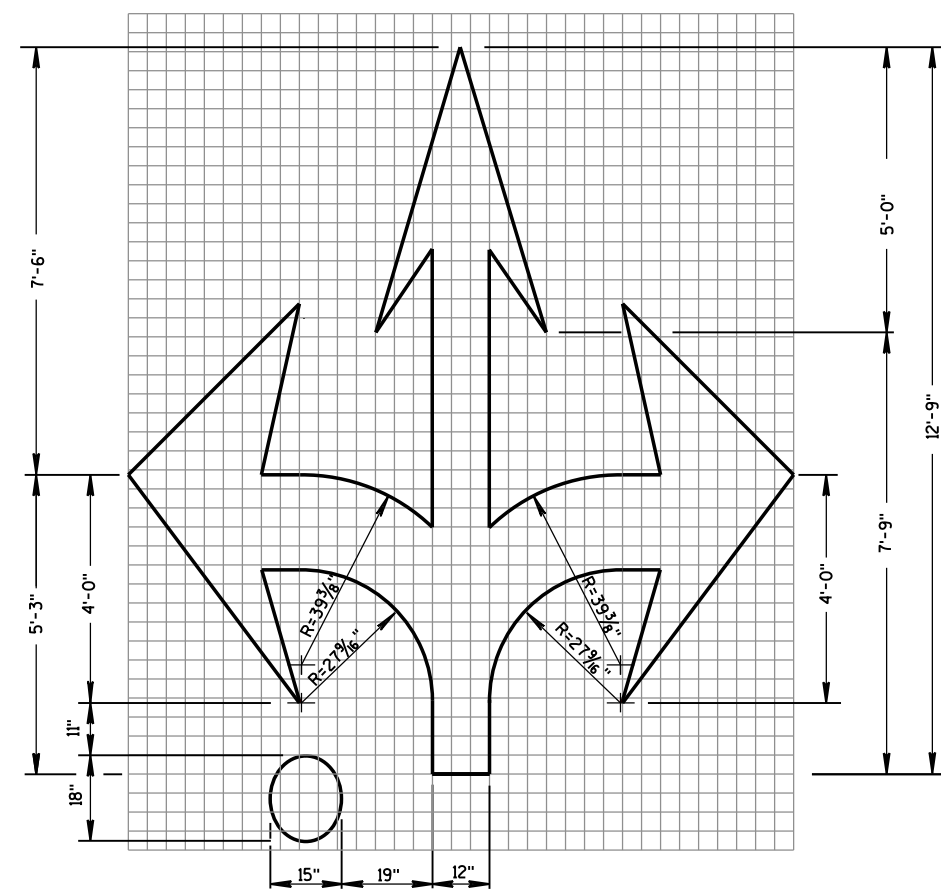
TYPE 3R



TYPE 7R

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 6R

ROUNDBABOUT ARROWS

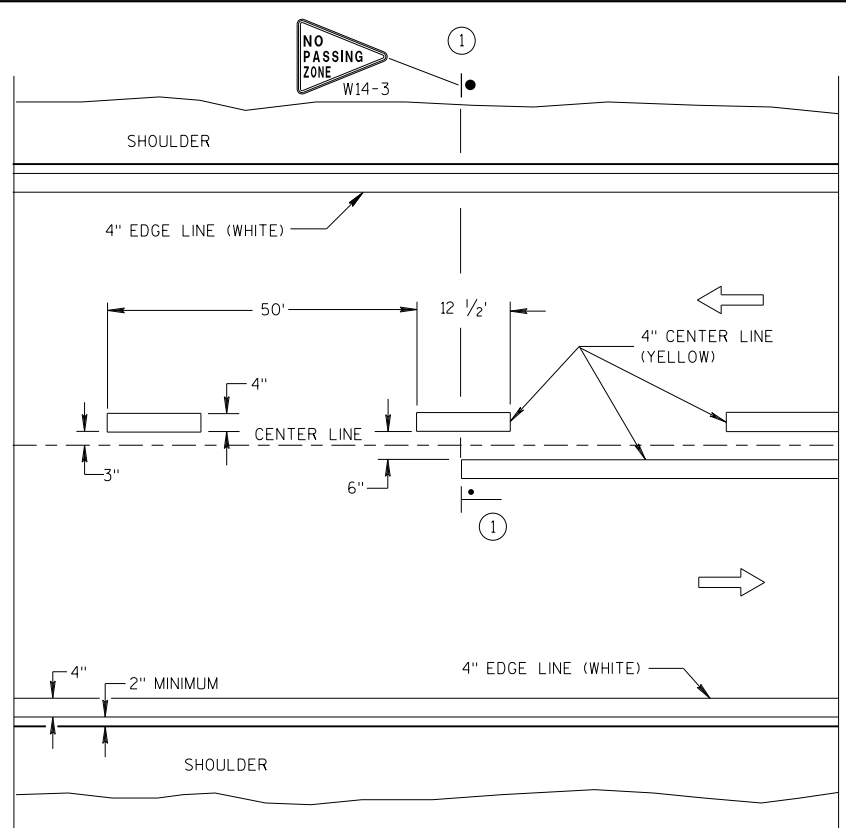
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

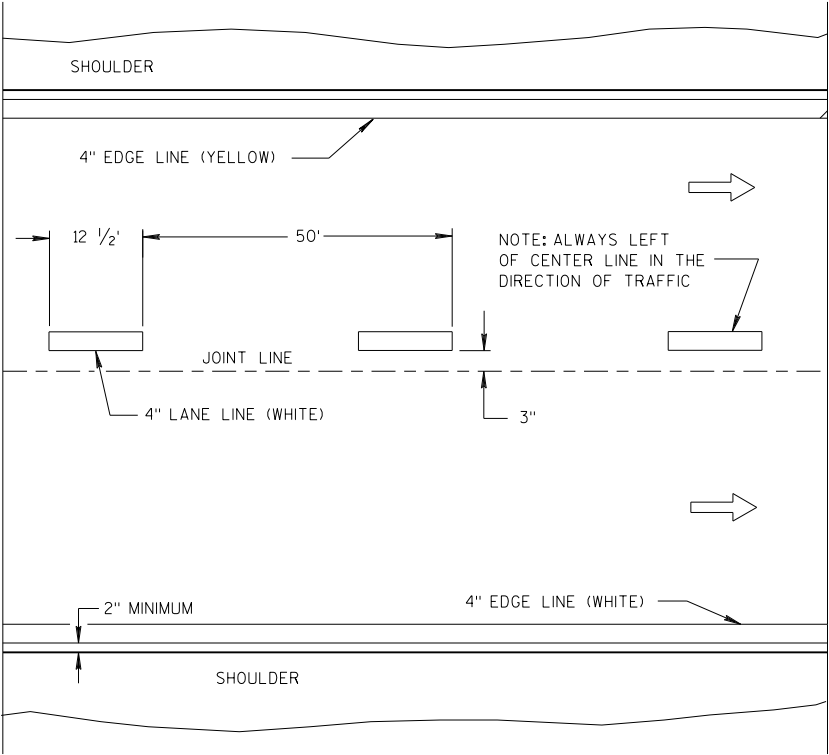
June 2017
DATE

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

FHWA

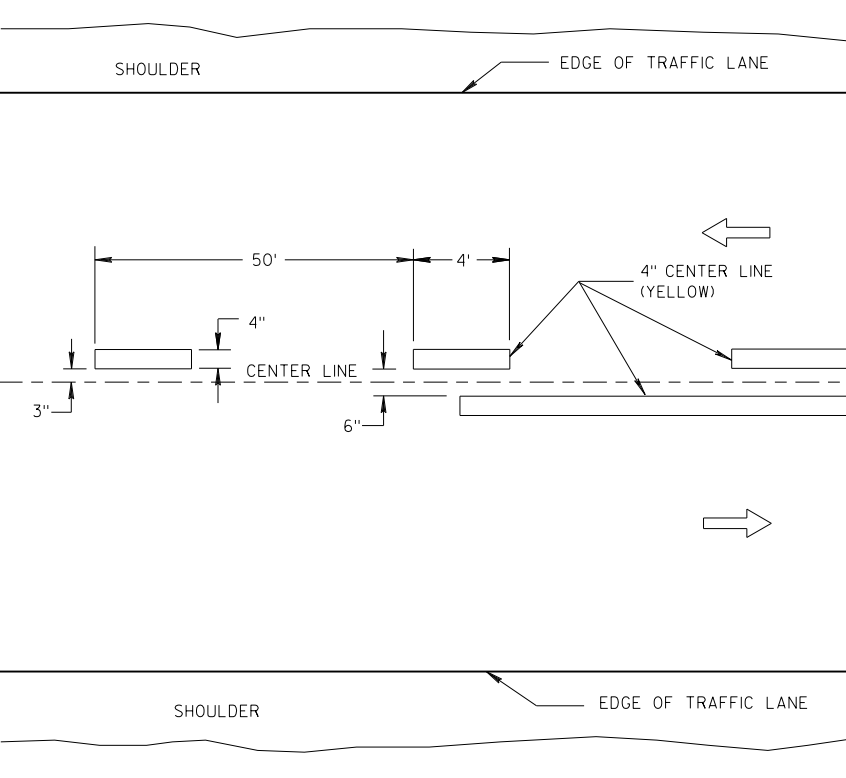


TWO WAY TRAFFIC

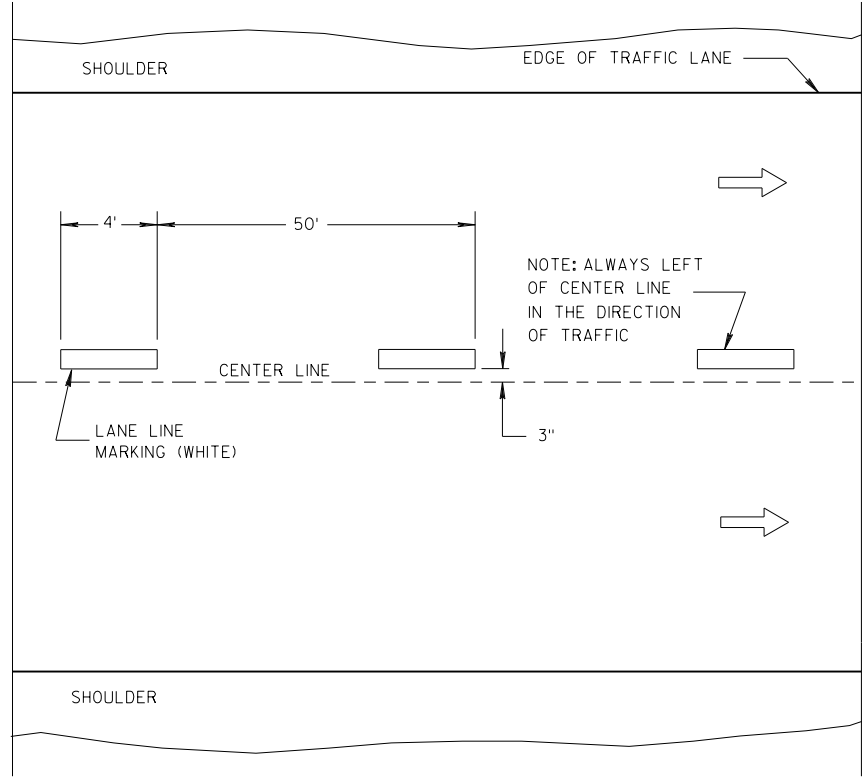


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

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.

NOTE

ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL

LEGEND

- "T" MARKING
- POST MOUNTED SIGN

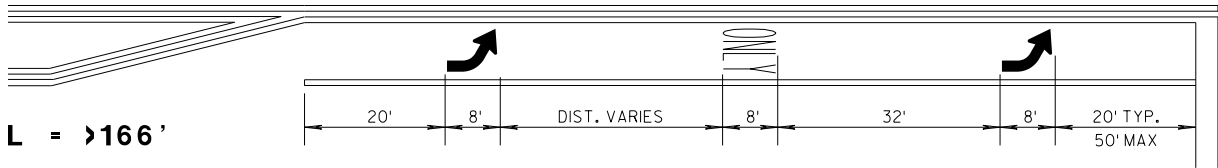
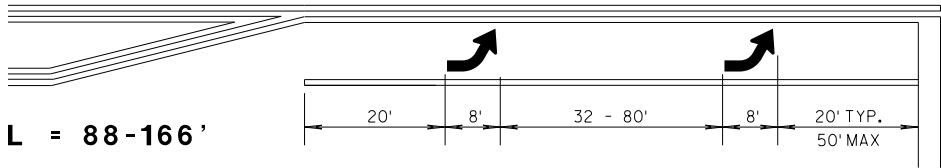
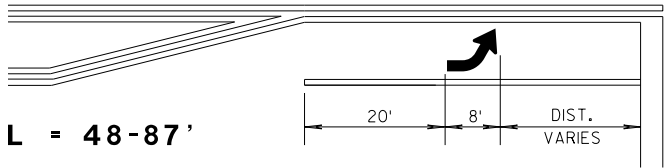
LONGITUDINAL MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA

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)

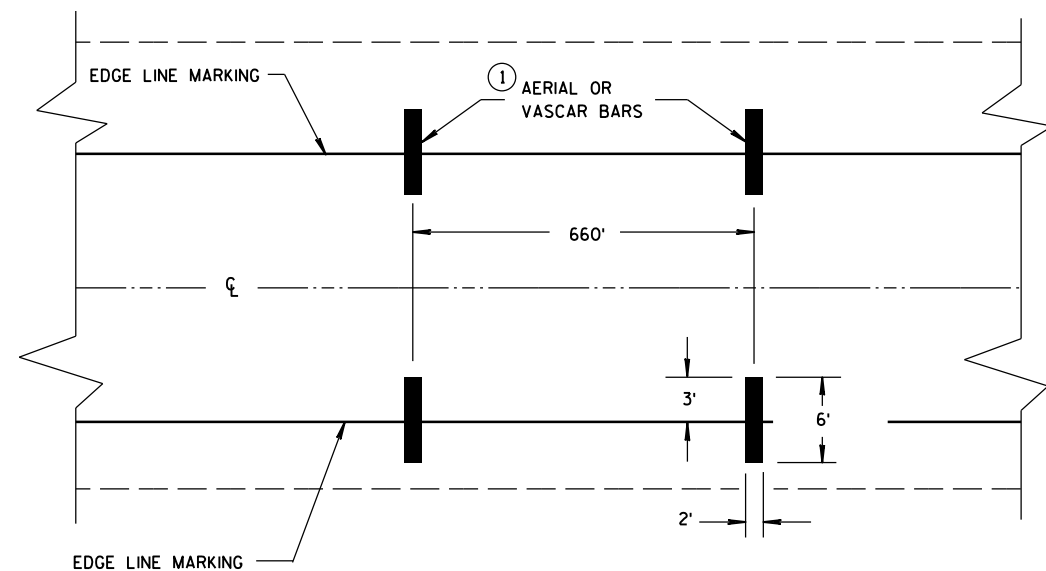
GENERAL NOTES

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

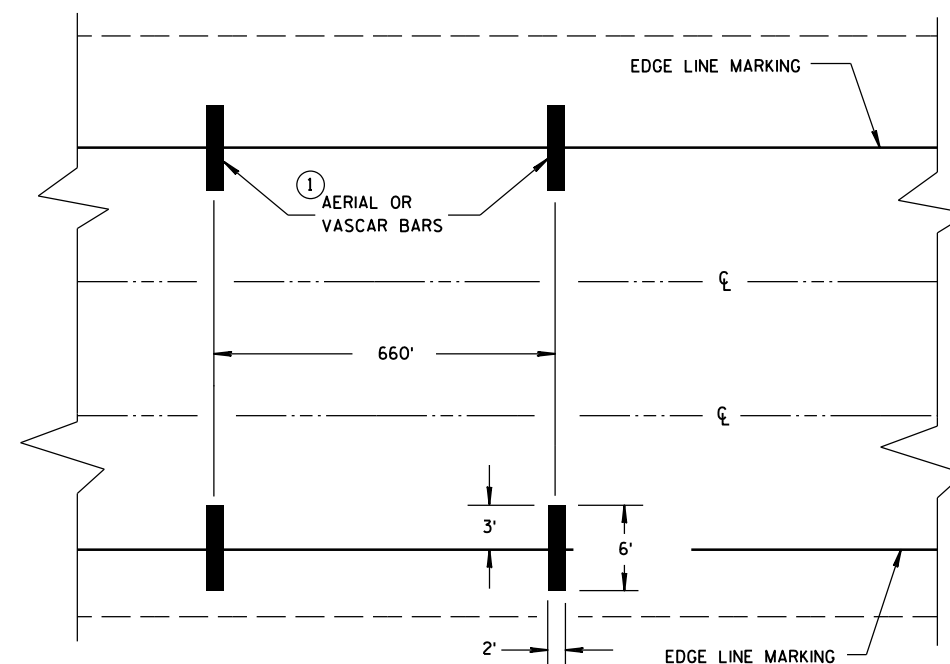
→ DIRECTION OF TRAFFIC
L = LENGTH OF TURN BAY

PAVEMENT MARKING
(TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



TYPICAL FOR TWO WAY OR ONE WAY TRAFFIC



TYPICAL FOR MULTILANE TRAFFIC

SPEED ENFORCEMENT ZONE WITH AERIAL OR VASCAR BARS

GENERAL NOTES

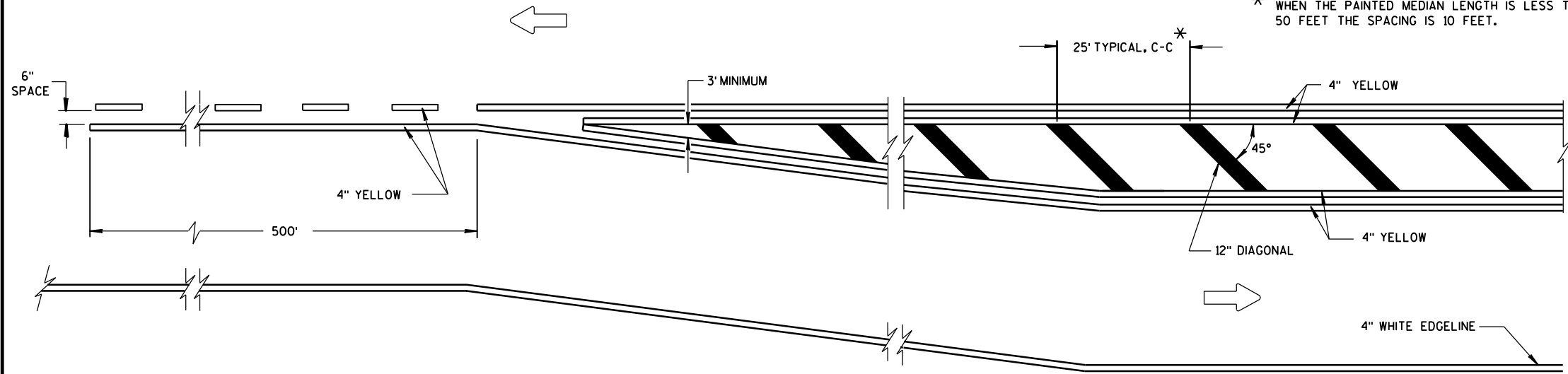
① PLACE TWO TO FIVE AERIAL OR VASCAR BARS AT 660 FOOT SPACING.

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

AERIAL ENFORCEMENT BARS
PAVEMENT MARKING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA

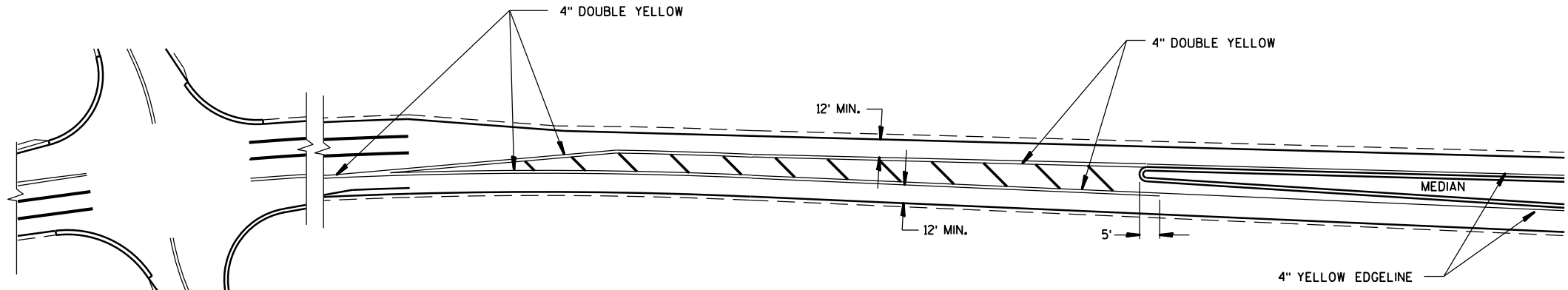


GENERAL NOTE

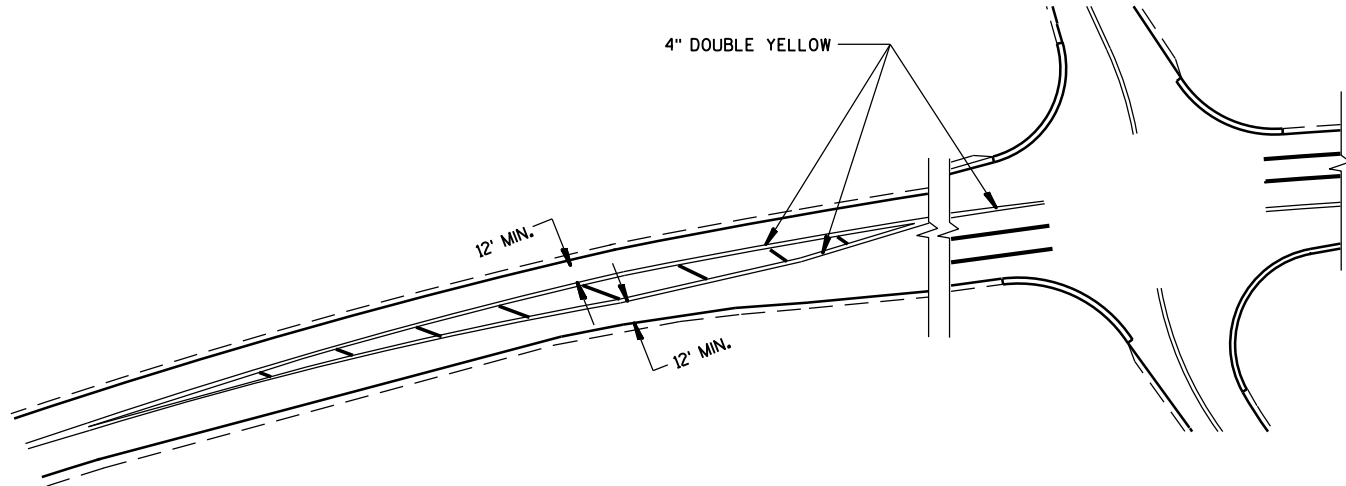
DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.

➡ DIRECTION OF TRAVEL

MEDIAN ISLAND DETAIL

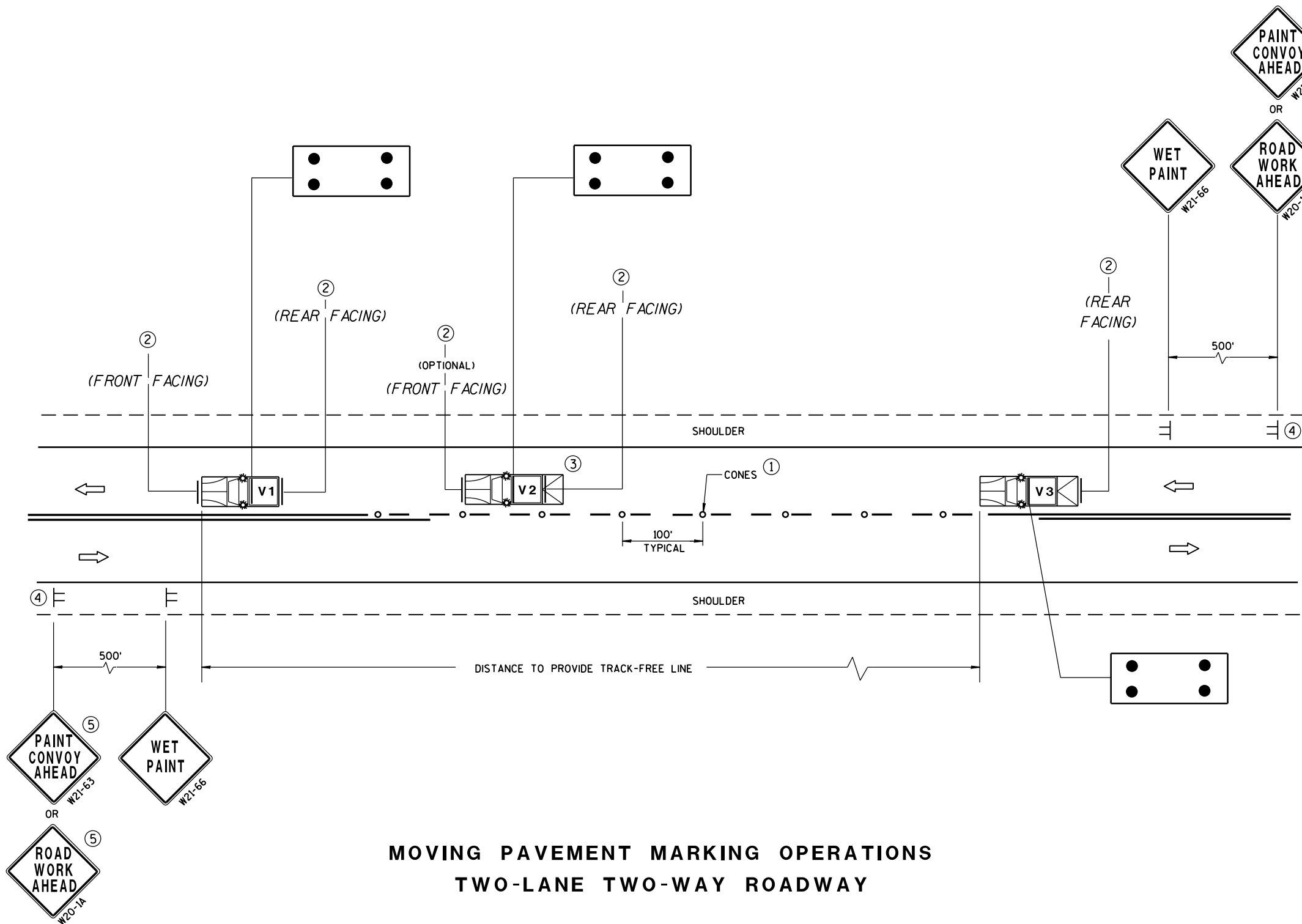


APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON APPROACH MARKINGS

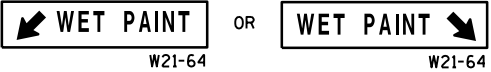
MEDIAN ISLAND MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED June 2017 DATE	/S/ Matthew Rauch STATE SIGNING AND MARKING ENGINEER FHWA



MOVING PAVEMENT MARKING OPERATIONS
TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

- ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.
- VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.
- ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.
- IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.
- ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.
- DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.
- THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.
- THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.
- WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.
- ① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.
- ② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.
- ③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.
- ④ SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.
- ⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.



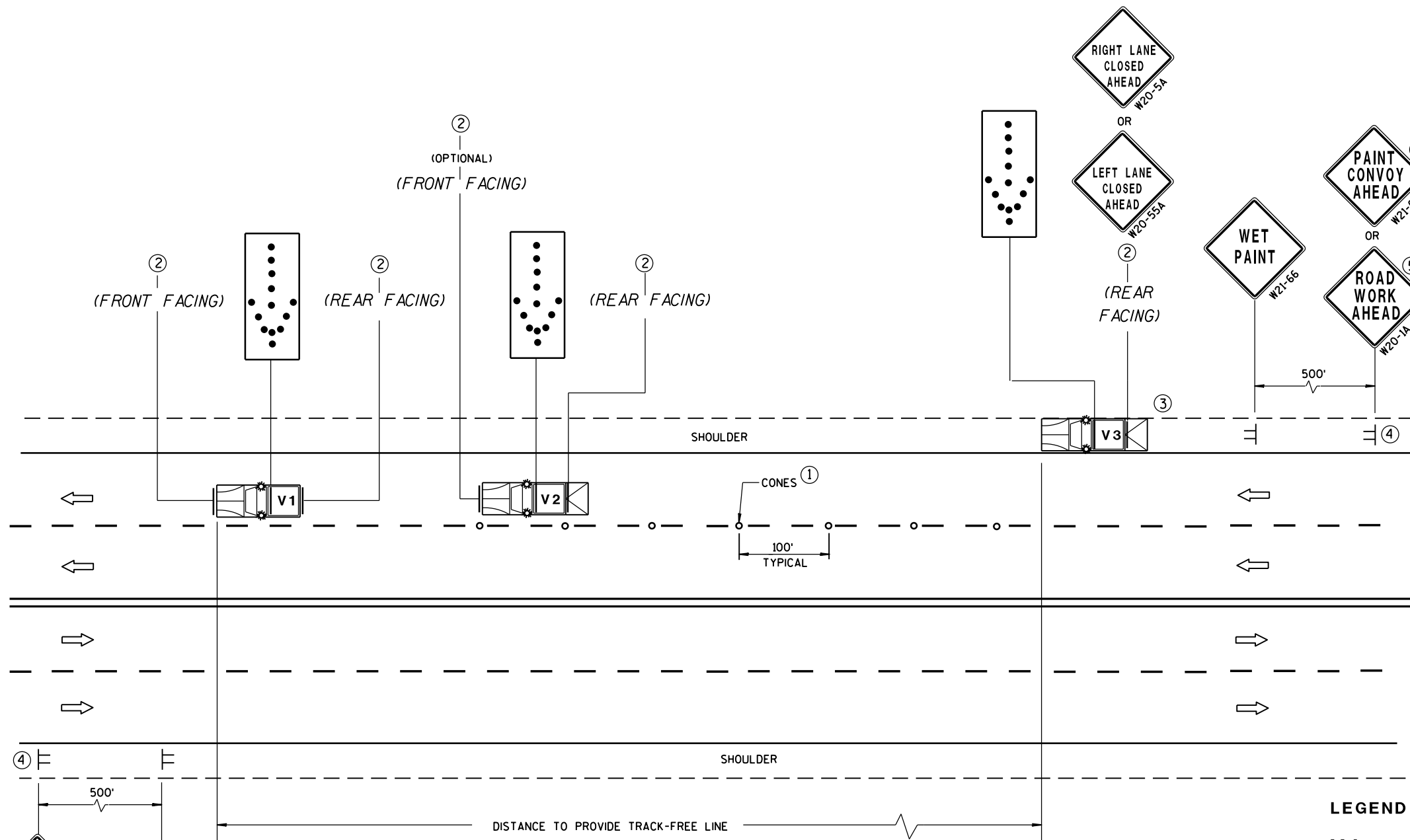
LEGEND

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

MOVING PAVEMENT MARKING
OPERATION
TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2017 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
FHWA



MOVING PAVEMENT MARKING OPERATIONS
MULTI-LANE UNDIVIDED ROADWAY

GENERAL NOTES

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

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

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

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

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

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

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

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

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

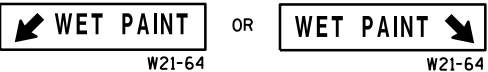
FOR EDGE LINE MARKING OR IF CONES ARE NOT USED, POSITION THE REARMOST SHADOW VEHICLE ON THE SHOULDER AS SHOWN IN THE MUTCD IF THE SHOULDER HAS ADEQUATE WIDTH.

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

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

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

② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.



③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.

④ SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

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

LEGEND

V1 LEAD VEHICLE

V2 SHADOW VEHICLE

V3 TRAIL VEHICLE WITH TMA

TMA TRUCK-MOUNTED ATTENUATOR

Sign on temporary support

Direction of traffic

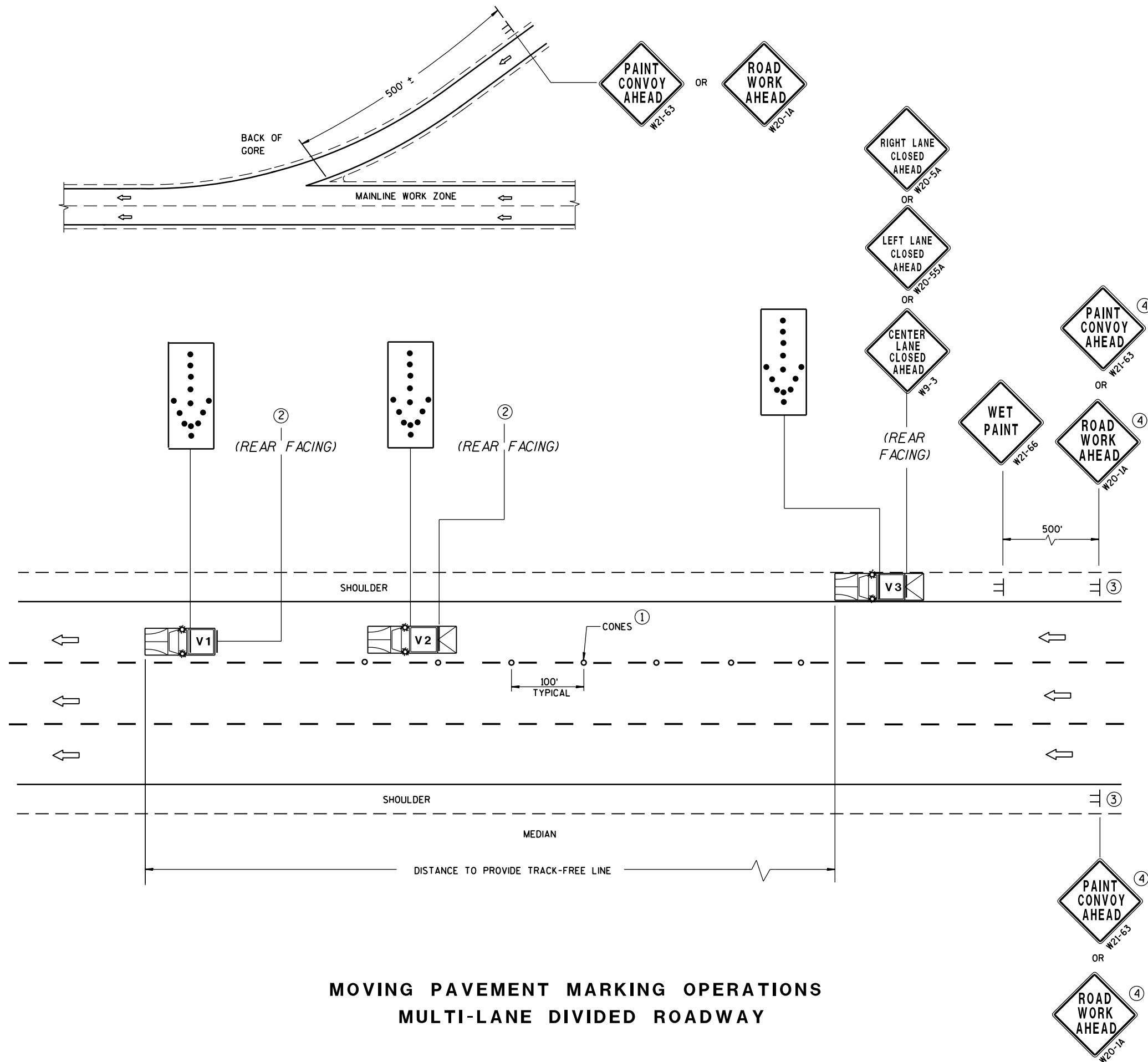
Cones

Flashing arrow panel (merge)

MOVING PAVEMENT MARKING
OPERATION
MULTI-LANE UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2017 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
FHWA



GENERAL NOTES

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

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

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

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

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

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

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


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

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

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

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

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


- ① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.
- ② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.

- ③ SIGNS SHALL BE REPEATED AFTER EVERY ON RAMP OR EVERY THREE MILES.
- ④ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1 LEAD VEHICLE

V2 SHADOW VEHICLE

V3 TRAIL VEHICLE WITH TMA

 **TMA** TRUCK-MOUNTED ATTENUATOR

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

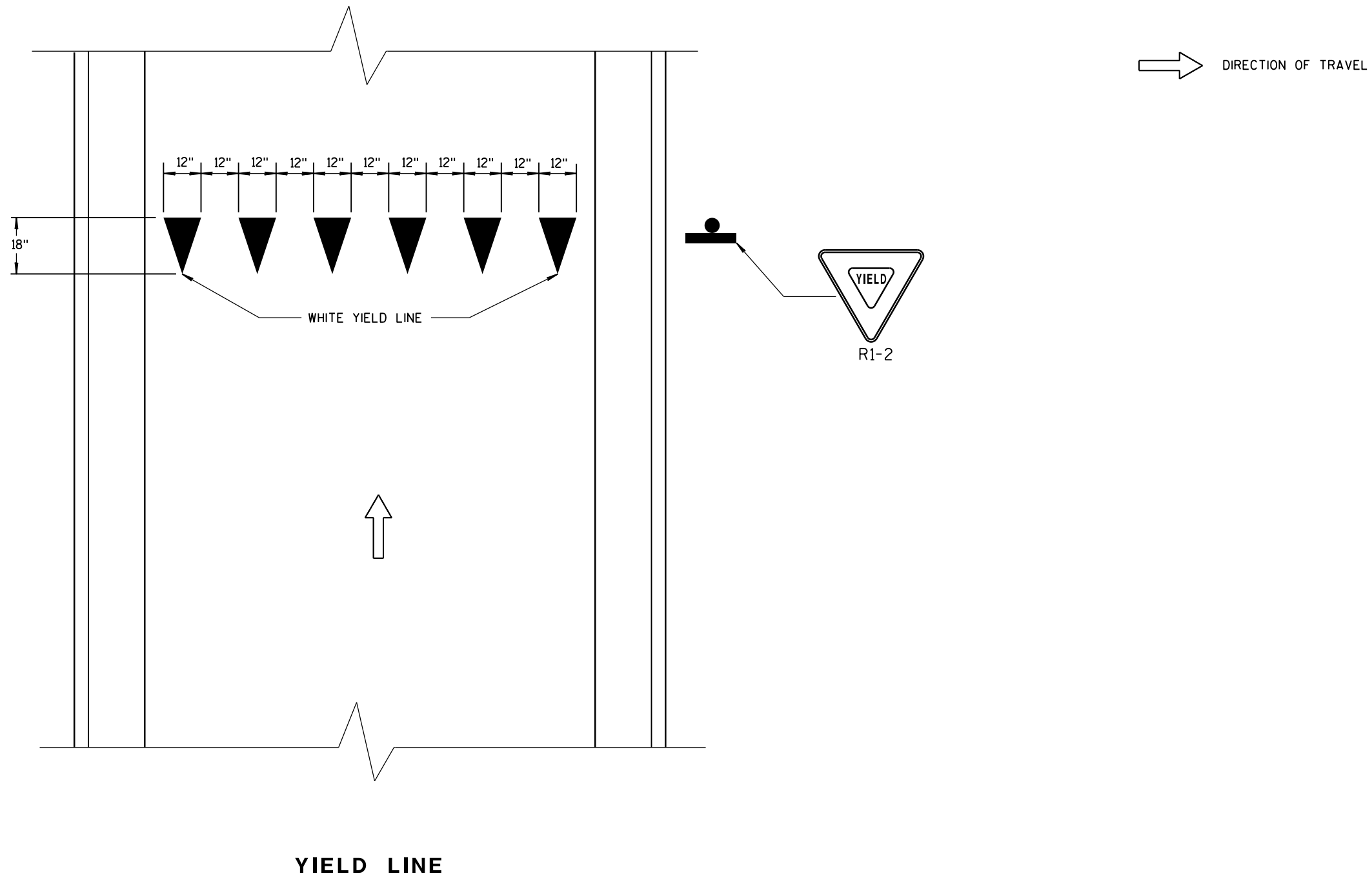
○ CONES

FLASHING
ARROW
PANEL (MERGE)

MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2017 /S/ Andrew Heidtke
 DATE WORK ZONE ENGINEER
 FHWA



<p>YIELD MARKINGS</p>	
<p>STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION</p>	
<p>APPROVED</p>	
<p><u>4-18-2016</u></p>	<p><u>/S/ Matthew R. Rauch</u></p>
<p><u>DATE</u></p>	<p><u>STATE SIGNING AND MARKING ENGINEER</u></p>
<p>FHWA</p>	

YIELD MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED	
4-18-2016	/S/ Matthew R. Rauch
DATE	STATE SIGNING AND MARKING ENGINEER
FHWA	

GENERAL NOTES

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

A DISTANCE DEPENDENT ON SPEED (SEE TABLE)

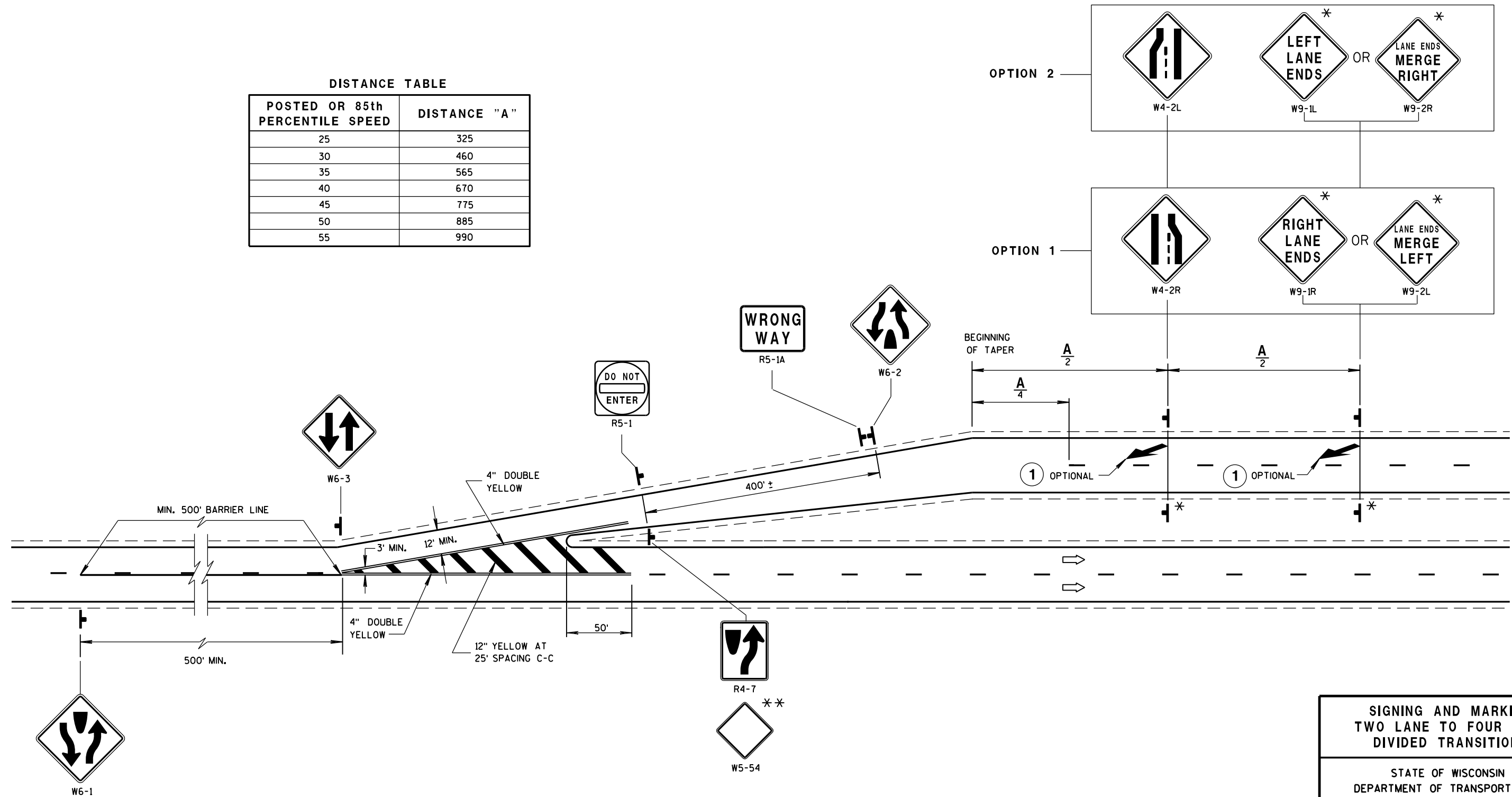
1 USED ONLY WHEN APPROVED BY REGION TRAFFIC ENGINEER.

SYMBOLS

- * SIGNS MAY BE OMITTED IF SPACE DOES NOT PERMIT
- * * IF POSTED SPEED 45 MPH OR GREATER, PLACE W5-54 SIGN UNDER R4-7 SIGN. MOUNT W5-54 SIGN AT 4' MOUNTING HEIGHT (TOP OF ROADWAY TO BOTTOM OF SIGN)
- POST MOUNTED SIGN
- DIRECTION OF TRAFFIC FLOW

DISTANCE TABLE

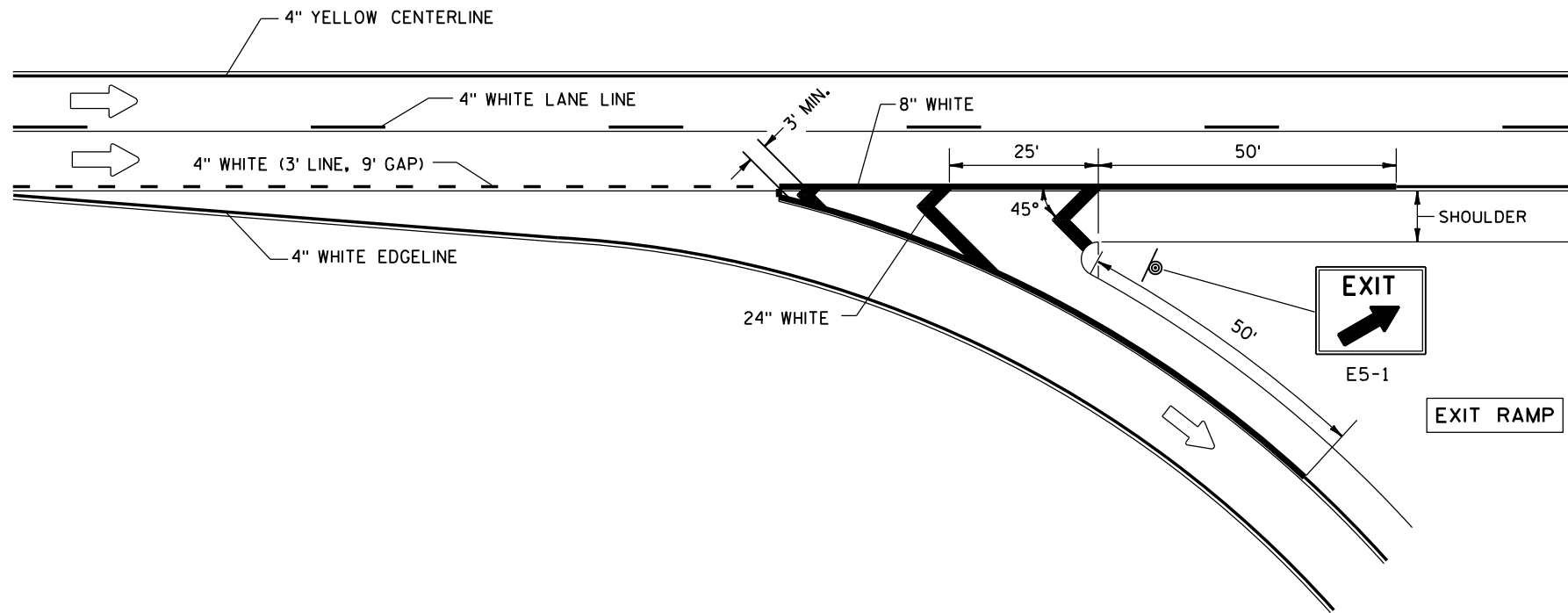
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
25	325
30	460
35	565
40	670
45	775
50	885
55	990



SIGNING AND MARKING
TWO LANE TO FOUR LANE
DIVIDED TRANSITIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA



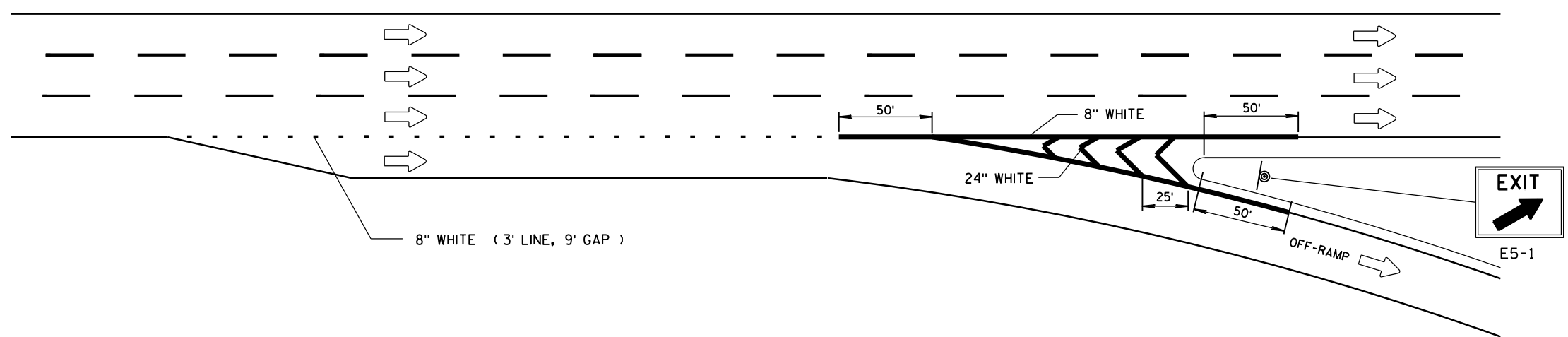
GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

- DIRECTION OF TRAVEL
- SIGN ON PERMANENT SUPPORT

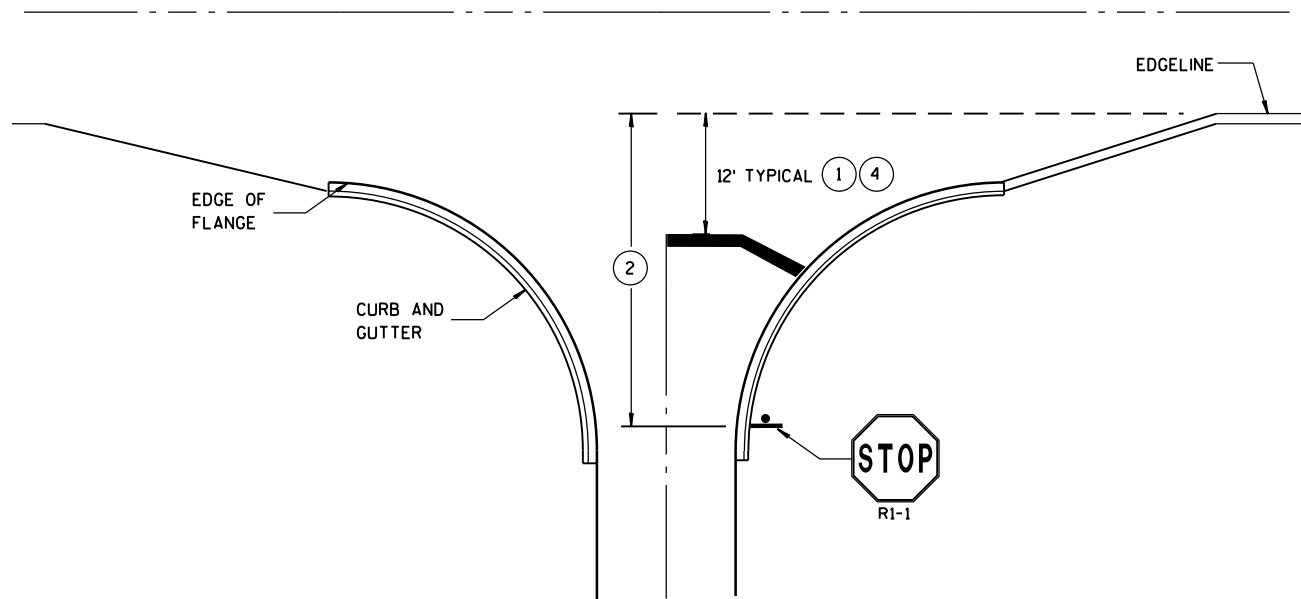
PAVEMENT MARKING FOR EXIT RAMP



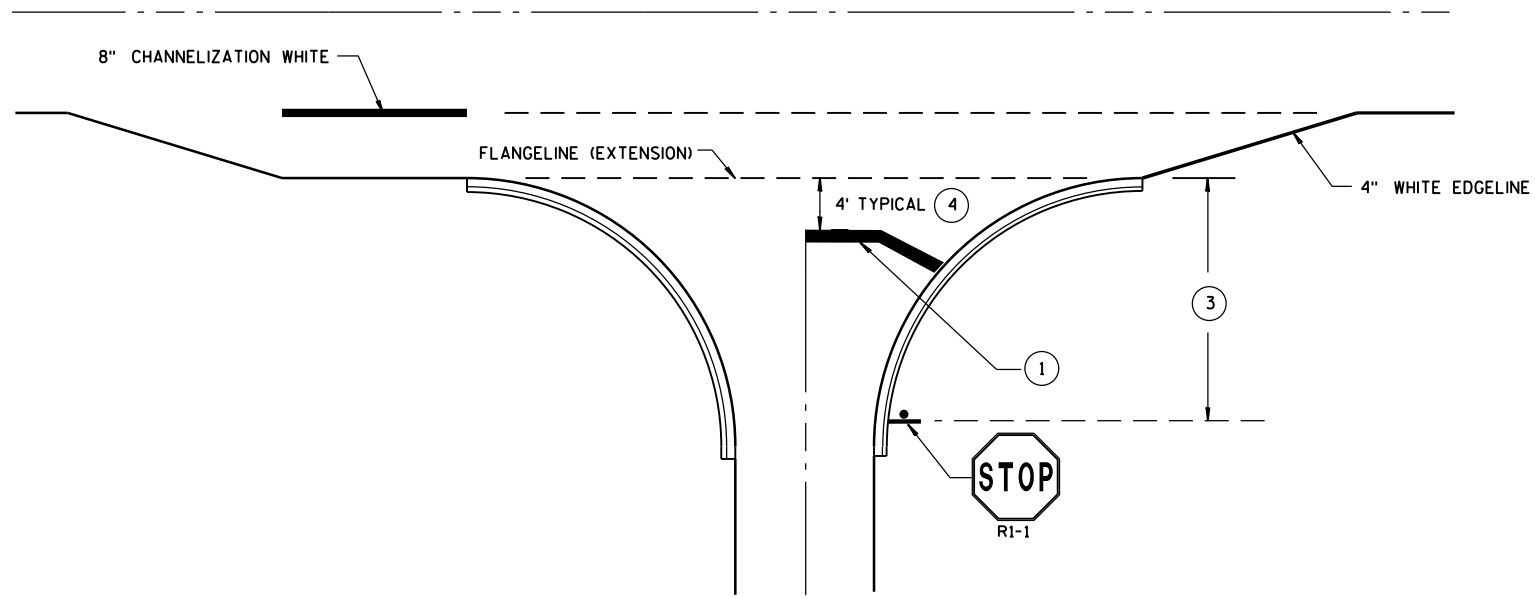
SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT-RAMP

PAVEMENT MARKING
(RAMPS AND GOES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



TYPICAL STOP LINE PAVEMENT MARKING
WITH CURB AND GUTTER

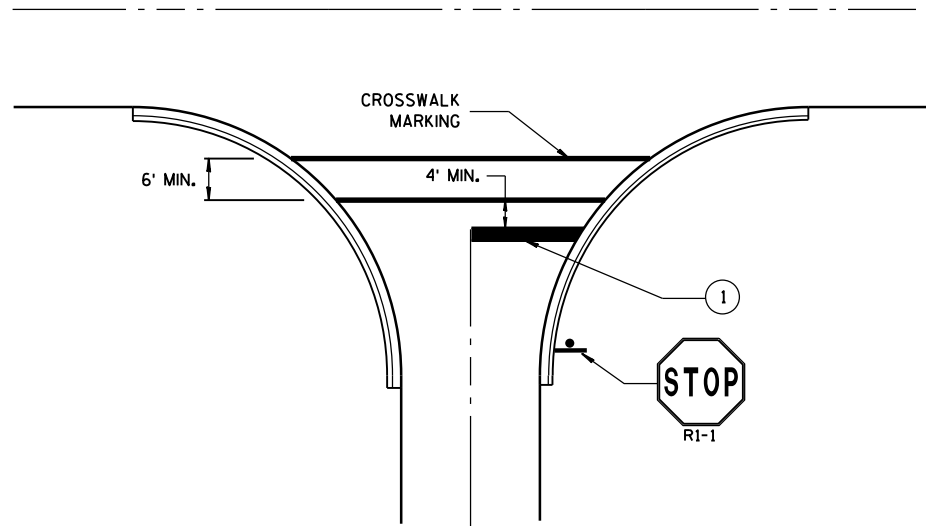


TYPICAL STOP LINE PAVEMENT MARKING
FOR SIDEROADS WITH RIGHT TURN LANE

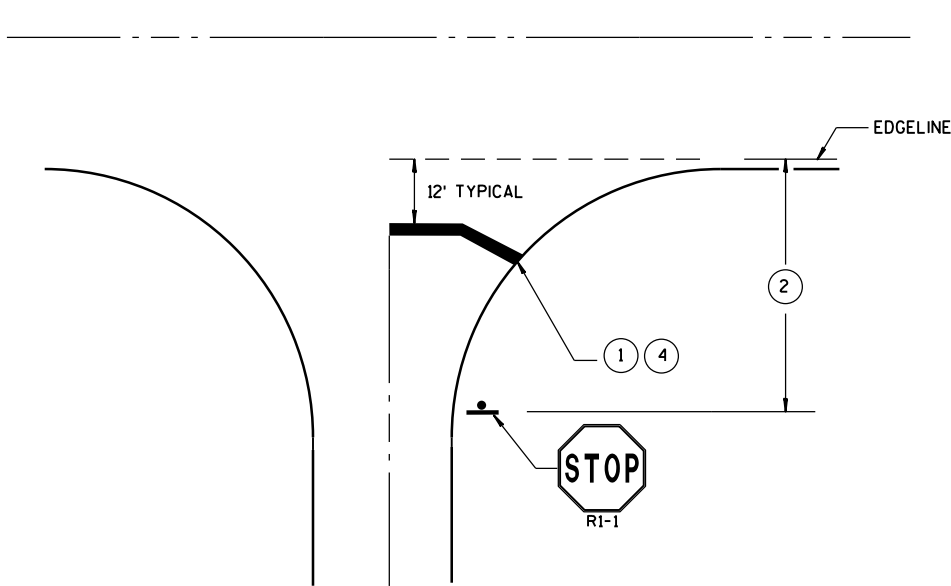
GENERAL NOTES

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

- 1 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
- 2 IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGE LINE THAN NO STOP LINE IS REQUIRED.
- 3 IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
- 4 MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES. (NO CLOSER THAN 4 FEET).

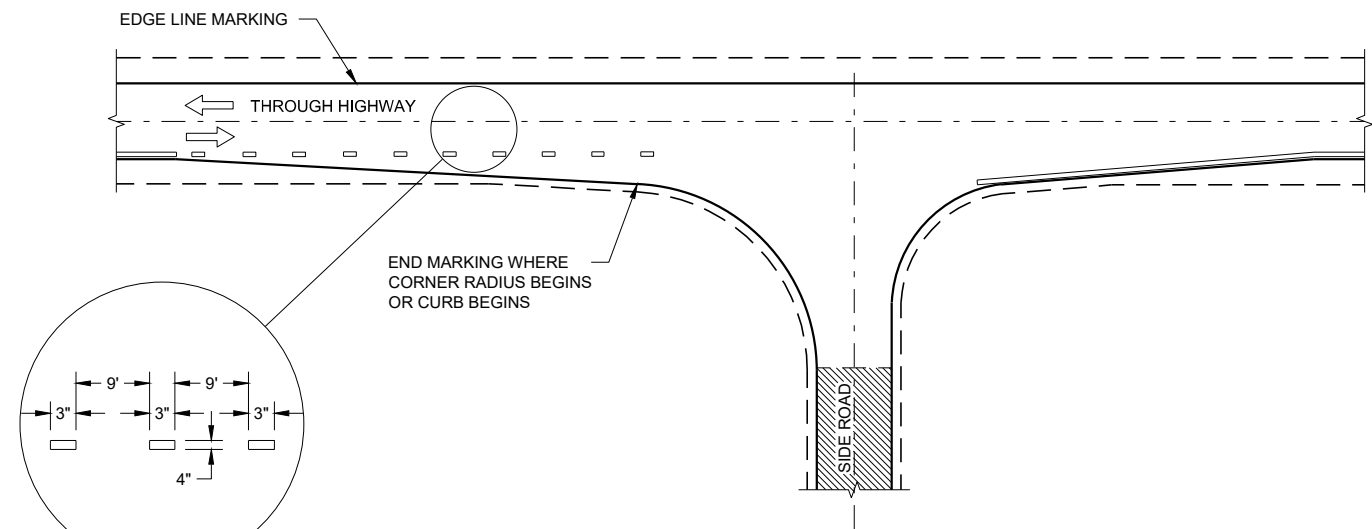


TYPICAL STOP LINE PAVEMENT MARKING
FOR SIDEROADS WITH CROSSWALK MARKING

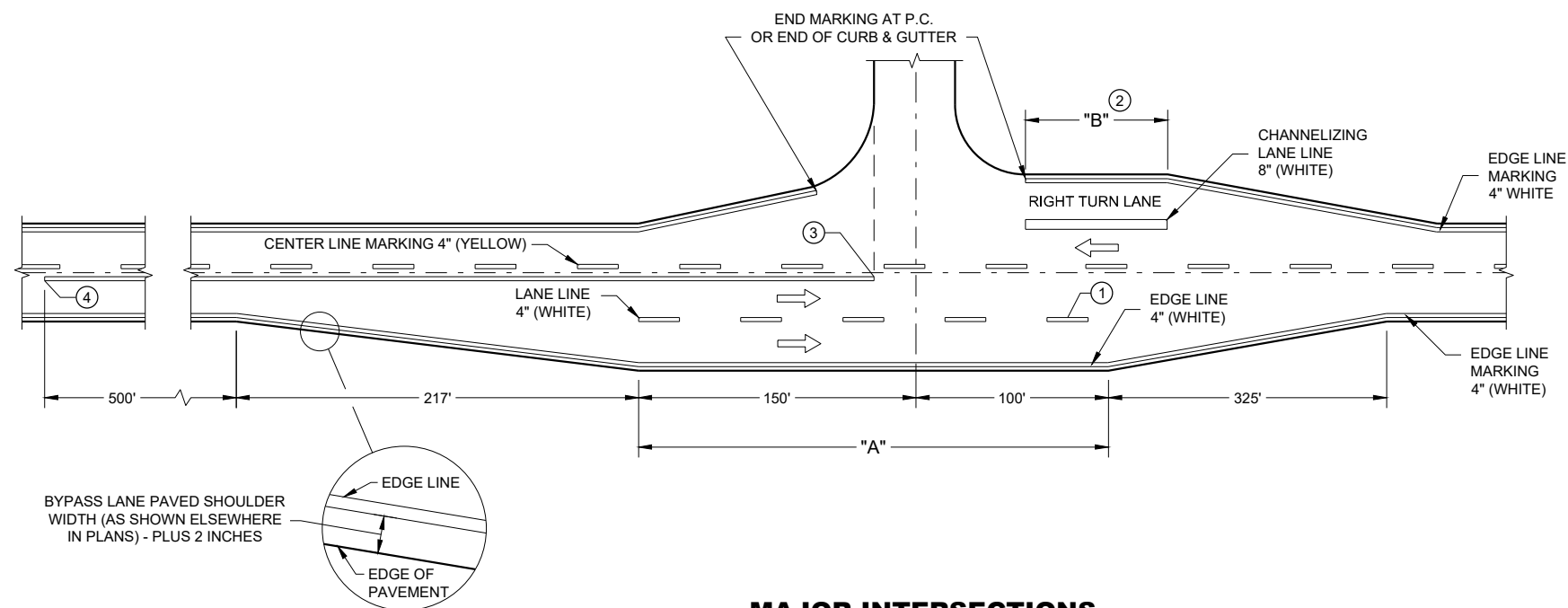


TYPICAL STOP LINE PAVEMENT MARKING
WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED DATE	/S/ Matthew R. Rauch STATE SIGNING AND MARKING ENGINEER
FHWA	



MINOR INTERSECTION



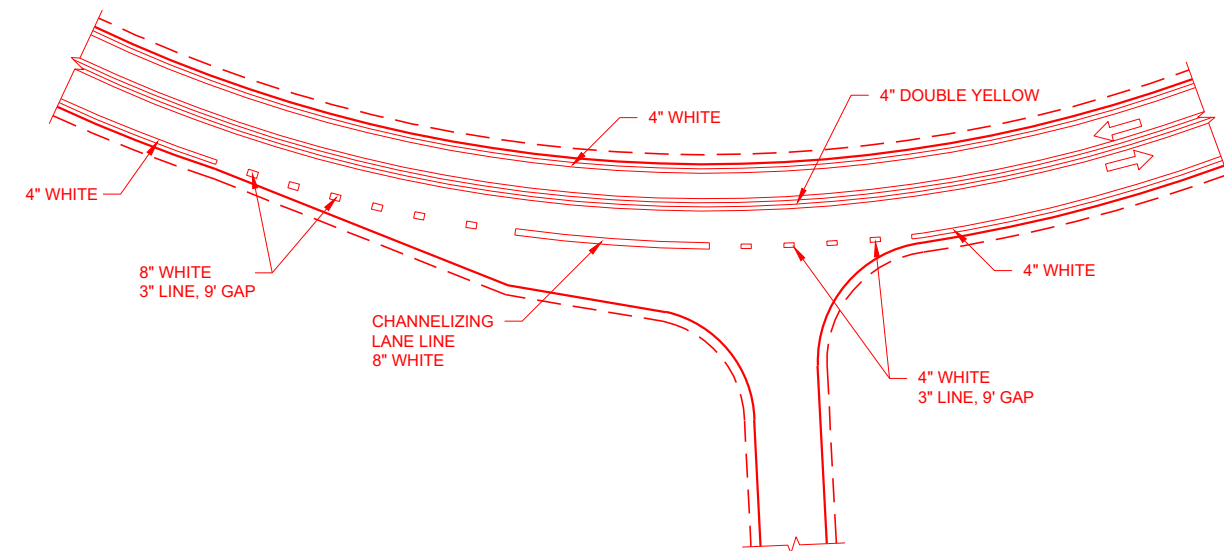
MAJOR INTERSECTIONS
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

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

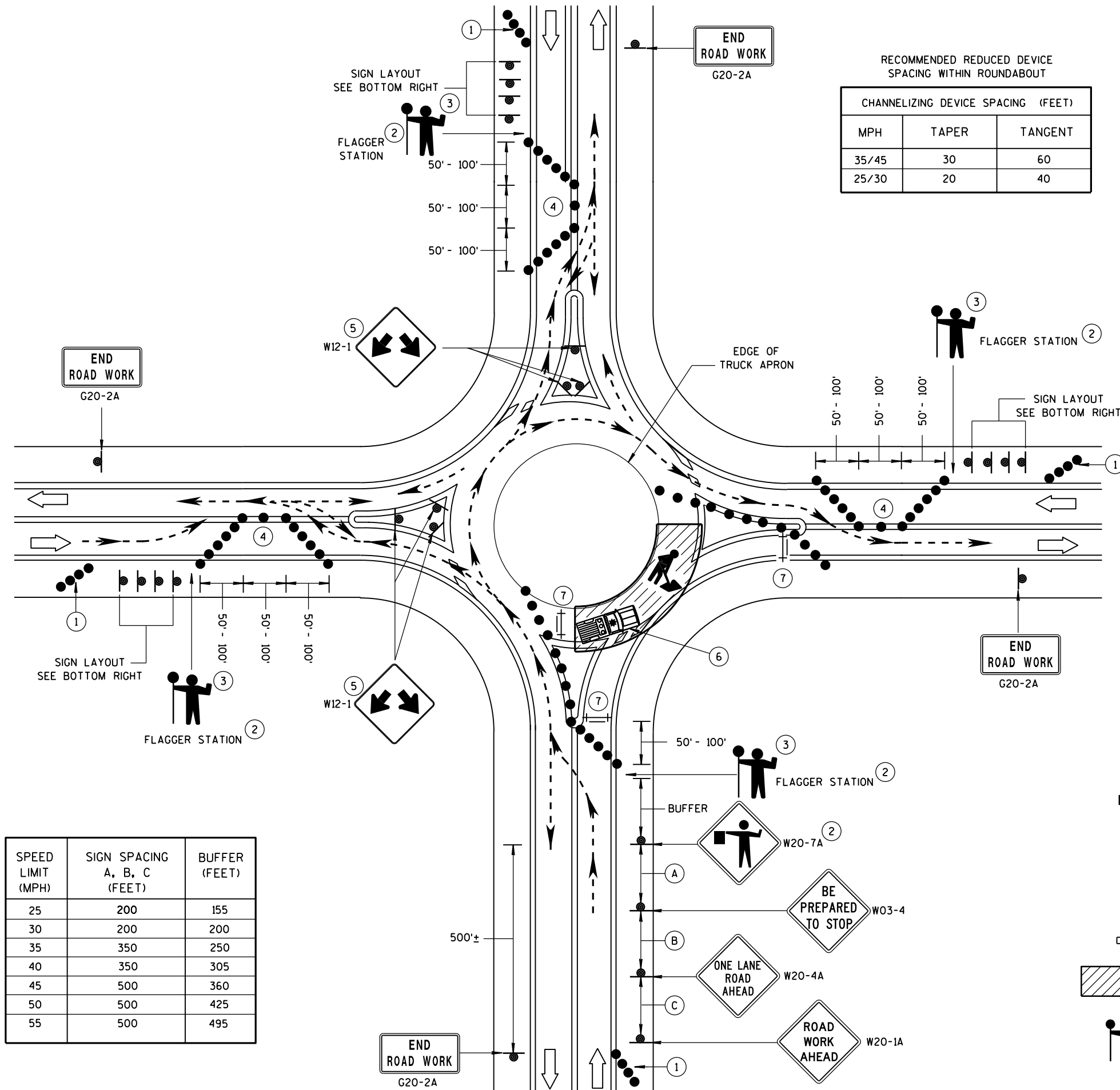
ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



SPEED LIMIT (MPH)	SIGN SPACING A, B, C (FEET)	BUFFER (FEET)
25	200	155
30	200	200
35	350	250
40	350	305
45	500	360
50	500	425
55	500	495

RECOMMENDED REDUCED DEVICE SPACING WITHIN ROUNDABOUT		
CHANNELIZING DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
35/45	30	60
25/30	20	40

GENERAL NOTES

ALL SIGNS ARE 48"x48" BLACK ON ORANGE UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"x36" SIGNS MAY BE USED INSTEAD OF 48"x48" SIGNS IF APPROVED BY THE ENGINEER.

REMOVE OR COVER CONFLICTING SIGNS.

THE EXACT LOCATION AND PLACEMENT OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

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.

RADIO COMMUNICATION SHALL BE USED BY ALL FLAGGERS.

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

- 1 PLACE A MINIMUM OF 4 DRUMS ON THE SHOULDER IN ADVANCE OF THE PCMS IN A TAPER FOR DELINEATION ON ALL APPROACHES TO THE ROUNDABOUT.
- 2 ESTABLISH THE LIMITS OF THE WORK ZONE TO ENSURE THE MAXIMUM POSSIBLE SIGHT DISTANCE TO THE FLAGGER STATION.
- 3 FLAGGERS SHALL BE IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.
- 4 ADJUST CHANNELIZING DEVICES TO ACCOMMODATE FOR TURNING RADIUS OF LARGE VEHICLES AS DIRECTED BY THE ENGINEER.
- 5 GUIDE SIGN WITH ROAD NAMES MAY BE USED IN LIEU OF THE DOUBLE ARROW (W12-1) SIGN.
- 6 BUFFER VEHICLE RECOMMENDED TO SHIELD WORK AREA.
- 7 TYPE III BARRICADES WITH ROAD CLOSED SIGN.

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

TRAFFIC CONTROL,
2-LANE ROUNDABOUT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016
DATE /S/ Peter Amakobe Atepe
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>