

LAX MAY 2013

PROJECT ID: 1009-10-97

WITH:

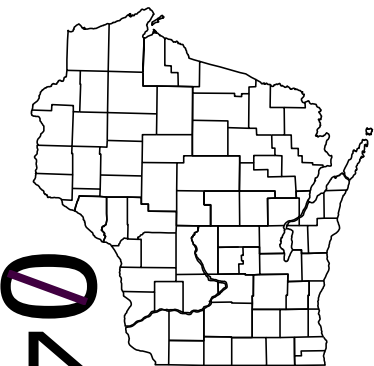
COUNTY: VARIOUS COUNTIES

SOUTHWEST REGION

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 = 32



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

SW REGION PVMT MARKING EASTERN CTYS

STN LOCATIONS PER ANNUAL PLAN

VAR HWY

SW REGION WIDE

STATE PROJECT NUMBER

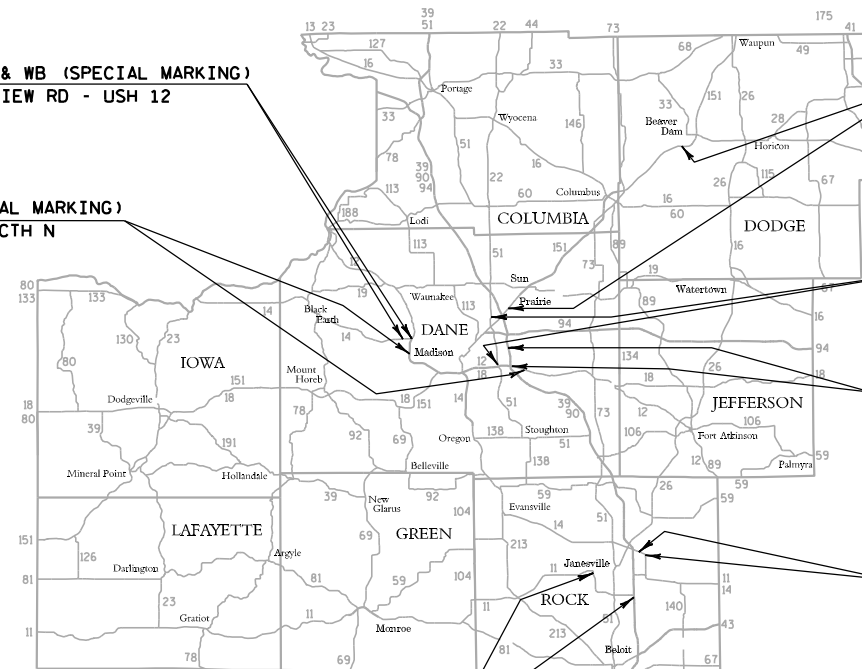
1009-10-97

USH 14 EB & WB (SPECIAL MARKING)

PLEASANT VIEW RD - USH 12

USH 12/14 EB & WB (RAMPS & SPECIAL MARKING)

EXIT 253 GREENWAY BLVD-EXIT 272 CTH N



STH 11 EB & WB (MAINLINE & SPECIAL MARKING)

1089' WEST OF CTH B - 500' EAST OF IH-39

USH 151 NB & SB (MAINLINE & RAMPS)

EAST SPRING Dr. MADISON - CTH DE BEAVER DAM

USH 51 NB & SB (SPECIAL MARKING)

TERMINAL DR. - KINSMAN BLVD

IH-39/90 NB & SB (MAINLINE & RAMPS)

MILE MARKER 137.7 - MILE MARKER 143.0

STH 11 EB & WB

300' EAST OF CTH J - USH 14

LAYOUT

SCALE 0 MI.

TOTAL NET LENGTH OF CENTERLINE = MI.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1009-10-97	WISC 2013262	1

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor _____

Designer _____ IVER PETERSON

Project Manager _____

Regional Examiner _____

Regional Supervisor _____ RICHARD VYDRZAL

C.O. Examiner _____

APPROVED FOR THE DEPARTMENT

DATE: 01/31/13 Stephen A. Flattmeyer

(Signature)

E

DATE 19MAR13		E S T I M A T E O F Q U A N T I T I E S			
LINE					1009-10-97
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	619.1000	MOBILIZATION	EACH	1.000	1.000
0020	643.0100	TRAFFIC CONTROL (PROJECT) 01.	EACH	1.000	1.000
0030	646.0106	PAVEMENT MARKING EPOXY 4-INCH	LF	1,247,793.200	1,247,793.200
0040	646.0116	PAVEMENT MARKING EPOXY 6-INCH	LF	481.000	481.000
0050	646.0126	PAVEMENT MARKING EPOXY 8-INCH	LF	105,244.000	105,244.000
0060	646.0600	REMOVING PAVEMENT MARKINGS	LF	2,191.000	2,191.000
0070	647.0110	PAVEMENT MARKING RAILROAD CROSSINGS EPOXY	EACH	10.000	10.000
0080	647.0156	PAVEMENT MARKING ARROWS EPOXY TYPE 1	EACH	7.000	7.000
0090	647.0166	PAVEMENT MARKING ARROWS EPOXY TYPE 2	EACH	153.000	153.000
0100	647.0176	PAVEMENT MARKING ARROWS EPOXY TYPE 3	EACH	29.000	29.000
0110	647.0256	PAVEMENT MARKING SYMBOLS EPOXY	EACH	6.000	6.000
0120	647.0356	PAVEMENT MARKING WORDS EPOXY	EACH	138.000	138.000
0130	647.0526	PAVEMENT MARKING YIELD LINE SYMBOLS EPOXY 18-INCH	EACH	18.000	18.000
0140	647.0566	PAVEMENT MARKING STOP LINE EPOXY 18-INCH	LF	6,848.500	6,848.500
0150	647.0576	PAVEMENT MARKING STOP LINE EPOXY 24-INCH	LF	370.000	370.000
0160	647.0706	PAVEMENT MARKING DIAGONAL EPOXY 6-INCH	LF	204.600	204.600
0170	647.0766	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH	LF	3,479.500	3,479.500
0180	647.0776	PAVEMENT MARKING CROSSWALK EPOXY 12-INCH	LF	4,677.000	4,677.000
0190	647.0786	PAVEMENT MARKING CROSSWALK EPOXY 18-INCH	LF	185.000	185.000

3

						646.0126			646.0600
PAVEMENT MARKING EPOXY			646.0106			8-INCH	8-INCH	8-INCH	REMOVE
Dane County (Madison Beltline Interchanges)			4-INCH	4-INCH	4-INCH	CHANNELIZING	CHANNELIZING	CHANNELIZING	PAVEMENT
HIGHWAY	LOCATION (From)	LOCATION (To)	YELLOW	WHITE	WHITE	(MAINLINE)	(RAMP)	(ISLAND GORE)	MARKING
			L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	4-INCH
									L.F.
USH 12 EB	Exit 259 - Todd Dr	ON Ramp	764		1295	1799	278		
	Exit 260A - South Fish Hatchery Rd	OFF Ramp	524	65	682				
	Exit 260B - North Fish Hatchery Rd	OFF Ramp	815		1559	30	200	300	
	Exit 260 - Fish Hatchery Rd	ON Ramp	1023		2779	800	800		
	Exit 261 - Park St/ USH 14	OFF Ramp				1247			
	Exit 261 - Park St/ USH 14	ON Ramp (southbound Park st to EB 12/18)	815		1346	500	300	800	
	Exit 262 - Rimrock Rd	OFF Ramp	485	63	900	233	233	214	
	Exit 262 - Rimrock Rd	ON Ramp	571		1138	490	207		
	Exit 266 - USH 51/Stoughton Rd	OFF Ramp	1001		2083	629	445	707	
	Exit 266 - USH 51/Stoughton Rd	ON Ramp	884	125	2220	596	594		
	Exit 267A - IH 39/90 Southbound to Janesville	OFF Ramp to IH-39/90 Southbound			911	310	310		
	Exit 267A - IH 39/90 Southbound to EB 12/18	ON Ramp			1186	620	623		
	Exit 267B - IH-39/90 Northbound to Wis Dells	OFF Ramo to IH-39/90 Northbound	499			238	241		
	Exit 267B - IH 39/90 Northbound to EB 12/18	ON Ramp				558	556		
	Exit 272 - CTH N	OFF Ramp	1323		1838	357	352		
	Exit 272 - CTH N	ON Ramp	1077		2453	687	687		
USH 12 WB	Exit 272 - CTH N	OFF Ramp	1149		1664	337	338		
	Exit 272 - CTH N	ON Ramp	1205		2444	666	664		
	Exit 267B - IH 39/90 Northbound to Wis Dells	OFF Ramp to IH-39/90 Northbound				367	368		
	Exit 267A - IH 39/90 Southbound to Janesville	OFF Ramp to IH-39/90 Southbound				163	161		
	ON Ramp from IH-39/90 Northbound to USH 12/18 WB	ON Ramp				335	259		
	ON Ramp from IH-39/90 Southbound to USH 12/18 WB	ON Ramp				492	491		
	Exit 266 - USH 51/Stoughon Rd	ON Ramp	698	215	1801	486	484		
	Exit 262 - Rimrock Rd	OFF Ramp	415	75	900	661	316	175	
	Exit 262 - Rimrock Rd	ON Ramp	567		1170			200	
	Exit 261 - USH 14/Park St	OFF Ramp	805	150	1197	450		185	1486
	Exit 261 - USH 14/Park St	ON Ramp	1125	175	1870	287	235	540	
	Exit 260 - Fish Hatchery Rd	OFF Ramp	535		1015	475	150	400	
	Exit 260 - Fish Hatchery Rd	ON Ramp - NB Fish Hatchery Rd to WB 12/18	425	50	933	235	235		
	Exit 260 - Fish Hatchery Rd	ON Ramp - SB Fish Hatchery Rd to WB 12/18	780	50	1252	254	254	325	
	Exit 259 - Todd Dr	OFF Ramp	933		1385				
	Exit 259 - Todd Dr	ON Ramp	624	62	1900	431	320	200	
	Exit 258A - Seminol Highway	OFF Ramp	600	37	1375			165	
	Exit 258 - Verona Rd/USH 18-151	OFF Ramp	405	150	672			350	
	Exit 258 - Verona Rd/USH 18-151	ON Ramp	865	187	1966	2000	1400		
Sub Totals			20912	1404	41934	16733	11501	4561	1486
STATE PROJECT NO: 1009-10-97			HWY: USH 12		COUNTY: DANE		MISCELLANEOUS QUANTITIES		SHEET NO:
									E

3

PAVEMENT MARKING EPOXY			646.0106			646.0126		
Dane & Dodge Counties (Divided Highway)			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.
HIGHWAY	LOCATION (From)	LOCATION (To)						
USH 151 NB	Madison - East Spring Dr Traffic Signals	CTH DE - Beaver Dam	150656	40342	132725	2429		
	Exit 97A - IH 39/90 southbound	OFF Ramp to IH 39/90 southbound				182	184	
	ON Ramp from IH-39/90/94 southbound	ON Ramp from IH-39/90/94 southbound				192	190	
	Exit 97B - IH 39/90/94 Northbound	OFF Ramp to IH 39/90/94 Northbound				154	160	
	On Ramp from IH-39/90/94 Northbound	ON Ramp to USH 151 Northbound				223	223	
	Exit 100 - CTH C	OFF Ramp	835		1385	363	363	285
	Exit 100 - CTH C	ON Ramp	1069	400	2331	792	792	
	Exit 101 - Main St	ON Ramp	523		1728			
	Exit 102 - STH 19	OFF Ramp	715		1750			115
	Exit 102 - STH 19	ON Ramp	720		1970			
	Exit 103 - CTH N	OFF Ramp	765		1685			115
	Exit 103 - CTH N	ON Ramp	922		2133			
	Exit 108 - CTH VV	OFF Ramp	1243		1953	422	422	75
	Exit 108 - CTH VV	ON Ramp	1643		2987	582	582	
	Exit 111 - CTH V	OFF Ramp	1372		2246	269	269	
	Exit 111 - CTH V	ON Ramp	888		2195	615	615	100
	Exit 115 - STH 73	OFF Ramp	1451		2463	401	401	170
	Exit 115 - STH 73	ON Ramp	1233		2739	774	774	100
	Exit 118 - STH 16/60	OFF Ramp	1226		2241	346	346	70
	Exit 118 - STH 16/60	ON Ramp	1356		2678	626	626	
	Exit 120 - STH 73	OFF Ramp	1038		2050	333	333	100
	Exit 120 - STH 73	ON Ramp	1399		2506	500	500	
Sub Totals			169054	40742	169765	9203	6780	1130

PAVEMENT MARKING EPOXY

Dane & Dodge Counties (Divided Highway)

			646.0106			646.0126		
HIGHWAY	LOCATION (From)	LOCATION (To)	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.
USH 151 SB	CTH DE - Beaver Dam	Madison - East Spring Dr Traffic Signals	150915	40462	134128	1633		
	Exit 120 - STH 73	OFF Ramp	1091		2163	496	496	70
	Exit 120 - STH 73	ON Ramp	1107		2431	726	726	
	Exit 118 - STH 16/60	OFF Ramp	1337		2349	420	420	75
	Exit 118 - STH 16/60	ON Ramp	1252		2426	645	645	
	Exit 115 - STH 73	OFF Ramp	1457		2485	404	404	100
	Exit 115 - STH 73	ON Ramp	1049		2520	794	794	100
	Exit 111 - CTH V	OFF Ramp	1385		2245	247	247	
	Exit 111 - CTH V	ON Ramp	1184		2616	718	718	100
	Exit 108 - CTH VV	OFF Ramp	1046		1562	337	337	100
	Exit 108 - CTH VV	ON Ramp	1450		2683	568	568	
	Exit 103 - CTH N	OFF Ramp	725		1592			100
	Exit 103 - CTH N	ON Ramp	745		1945			
	Exit 102 - STH 19	OFF Ramp	1015		2012			115
	Exit 102 - STH 19	ON Ramp	570		1754			
	Exit 101 - Main St	OFF Ramp			783			
	Exit 101 - Main St	ON Ramp			1306	1294	1294	
	Exit 100 - CTH C	OFF Ramp	870		1413	363	363	800
	Exit 100 - CTH C	ON Ramp	986		2193	753	753	400
	Exit 97B - IH 39/90/94 Northbound	OFF Ramp to IH 39/90/94 Northbound				282	281	
	ON Ramp from IH 39/90/94 Northbound	ON Ramp to USH 151 Southbound				219	221	
	Exit 97A - IH 39/90/94 Southbound	Off Ramp to IH 39/90/94 Southbound				154	157	
	ON Ramp from IH 39/90/94 Southbound	ON Ramp to USH 151 Southbound				436	434	
Sub Totals			168184	40462	170606	10489	8858	1960

3

PAVEMENT MARKING EPOXY

Dane County (Interstate Locations)

HIGHWAY	LOCATION (From)	LOCATION (To)	646.0106			646.0126		
			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.
IH-39/90 NB (USH 12/18)	795' South of Mile Marker 143 (South of USH 12/18) (Madison)	0.3 Miles North of STH 30 Bridge Mile Marker 137.7 (Madison)	54035	12656	22720			
	Exit 142-B for IH-39/90 Northbound to USH 12/18 Eastbound	Off Ramp to USH 12/18 Eastbound for Cambridge	938		1763	217	212	
	Exit 142-A for IH-39/90 Northbound to USH 12/18 Westbound	Off Ramp to USH 12/18 Westbound for Madison	3032		1346	550	392	
	USH 12/18 Eastbound from Madison to IH-39/90 Northbound	On Ramp for IH-39/90 Northbound	2506	1000	4469	541	270	
	Exit 267-B for USH 12/18 Eastbound to USH 12/18 Westbound	On Ramp from USH 12/18 EB to USH 12/18 WB On Ramp	1164			2032		701
	Exit 138-B for STH 30 at Madison	Off Ramp for STH 30 Westbound for Madison	4864		4046	460	458	
	Exit 138-A for IH-94 Eastbound to Milwaukee	Off Ramp for IH-94 Eastbound	717		1232	334	331	
	STH 30 Eastbound from Madison to IH-39/90 Northbound	On Ramp for IH-39/90 Northbound	3090	200	1109	523	523	
	IH-94 Westbound from Milwaukee to IH-39/90 Northbound	On Ramp for IH-39/90 Northbound	1245	1013	4238	425	423	
IH-39/90 SB (USH 12/18)	0.3 Miles North of STH 30 Bridge Mile Marker 137.7 (Madison)	220' North of Mile Marker 143 (South of USH 12/18) (Madison)	23910	11377	21803			
	Exit 138-A for IH-94 Eastbound to Milwaukee	Off Ramp for IH-94 Eastbound	4534	988	3499	573	421	
	IH-94 Westbound from Milwaukee to IH-39/90 Southbound	On Ramp for IH-39/90 Southbound	3815	450	999	318	253	
	Exit 138-B for STH 30 at Madison	Off Ramp for STH 30 Westbound for Madison	1073		1943	523	516	
	STH 30 Eastbound from Madison to IH-39/90 Southbound	On Ramp for IH-39/90 Southbound	1022		2347	763	758	
	Exit 142-A for IH-39/90 Southbound to USH 12/18 Westbound	Off Ramp to USH 12/18 Westbound for Madison	890	279	1425	1772	279	
	Exit 267-A from USH 12/18 Westbound to IH-39/90 Southbound	On Ramp for IH-39/90 Southbound	1219		2025	464	467	
	Exit 142-B for IH-39/90 Southbound to USH 12/18 Eastbound	Off Ramp to USH 12/18 Eastbound for Cambridge	1344		1774	379	230	
	USH 12/18 Eastbound from Madison to IH-39/90 Southbound	On Ramp for IH-39/90 Southbound	3576		5077	884	891	
Sub Totals			112974	27963	81815	10758	6424	701

3

PAVEMENT MARKING EPOXY

STH 11 Rock County (2-Lane & 4-Lane)

HIGHWAY	LOCATION (From)	LOCATION (To)	646.0106				646.0126		646.0600
			4-INCH EDGE LINE YELLOW L.F.	4-INCH LANE LINE WHITE L.F.	4-INCH EDGE LINE WHITE L.F.	4-INCH CENTERLINE NO PASSING YELLOW L.F.	8-INCH CHANNELIZING WHITE (MAINLINE) L.F.	8-INCH CHANNELIZING WHITE (ISLAND GORE) L.F.	REMOVE PAVEMENT MARKING 4-INCH L.F.
STH 11	1089' West of CTH B (Janesville)	500' East of IH 39 Interchange			77351	24250	4684	584	
STH 11 EB	0.51 Miles West of CTH D (4-Lane Divided)	500' East of IH 39 Interchange	26226	6004			2132		
STH 11 WB	500' East of IH 39 Interchange	0.51 Miles West of CTH D (4-Lane Divided)	24048	5919			2806		
STH 11	300' East of CTH J (Wright St) Janesville	USH 14 East of Janesville	13861	2656	16320	3430	5940		705
Sub Totals			64135	14579	93671	27680	15562	584	705

SUMMARY of 4-INCH & 8-INCH									
PAVEMENT MARKING EPOXY		646.0106				646.0126			646.0600
SUMMMARY		4-INCH EDGE LINE	4-INCH LANE LINE	4-INCH EDGE LINE	4-INCH CENTERLINE NO PASSING YELLOW	8-INCH CHANNELIZING WHITE (MAINLINE)	8-INCH CHANNELIZING WHITE (RAMP)	8-INCH CHANNELIZING WHITE (ISLAND GORE)	REMOVE PAVEMENT MARKING 4-INCH
HIGHWAY	Description (Location)	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.
USH 12 EB & WB	Madison Beltline Interchanges - Ramps	20912	1404	41934		16733	11501	4561	1486
USH 151 NB	Madison - Beaver Dam (Dane & Dodge Counties)	169054	40742	169765		9203	6780	1130	
USH 151 SB	Beaver Dam - Madison (Dane & Dodge Counties)	168184	40462	170606		10489	8858	1960	
IH 39/90 NB & SB	Dane County (Interstate Locations)	112974	27963	81815		10758	6424	701	
STH 11 EB & WB	Rock County (2-Lane & 4-Lane) Janesville	64135	14579	93671	27680	15562		584	705
TOTALS		535259	125150	557791	27680	62745	33563	8936	2191
TOTAL 4-INCH						1245880	TOTAL 8-INCH		105244

PAVEMENT MARKING EPOXY			646.0106	646.0106	647.0766	647.0776	647.0786	647.0566	647.0356	647.0166
USH 51 Dane County (Madison) (Special Markings)			4-INCH MINI DASHES WHITE L.F.	4-INCH MINI DASHES YELLOW L.F.	6-INCH CROSSWALK WHITE L.F.	12-INCH CROSSWALK WHITE L.F.	18-INCH CROSSWALK BLOCK WHITE L.F.	18-INCH STOP LINE WHITE L.F.	WORDS "ONLY" WHITE EACH	ARROWS TYPE 2 WHITE EACH
HIGHWAY	LOCATION (AT)	(DIRECTION)								
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			63		50	82		
USH 51	USH 51 to CTH BW - Broadway Ave (Madison)	Southbound to Eastbound	188	236				141	2	2
USH 51	USH 51 to CTH BW - Broadway Ave (Madison)	Northbound to Westbound	300.5	300.5	118.5	88		145	2	2
CTH BW-Broadway	CTH BW - Broadway Ave to USH 51 (Madison)	Eastbound to Northbound	272	272				26	2	2
CTH BW-Broadway	CTH BW - Broadway Ave to USH 51 (Madison)	Westbound to Southbound	86	86				25	2	2
USH 51	Pflaum Rd (Mainline) Madison)	Northbound				252		70		
USH 51	Pflaum Rd (Mainline)	Southbound				291		66		
Pflaum Rd	USH 51	Eastbound						56		
Pflaum Rd	USH 51	Westbound				251		57		
USH 51	CTH AB - Buckeye Rd (Madison)	Northbound			247			65		
USH 51	CTH AB - Buckeye Rd (Madison)	Southbound			244			62		
CTH AB - Buckeye	USH 51	Eastbound			52			58		
CTH AB - Buckeye	USH 51	Westbound			49			57		
USH 51	OFF Ramp to Cottage Grove Rd	Northbound OFF Ramp			208			43		
USH 51	OFF Ramp to Cottage Grove Rd	Southbound OFF Ramp			232			59		
USH 51	OFF Ramp to Milwaukee St	Northbound OFF Ramp			237			42		
USH 51	OFF Ramp to Milwaukee St	Southbound OFF Ramp			266			43		
Milwaukee St	USH 51	Eastbound			126			102		
Milwaukee St	USH 51	Westbound			278			102		
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	58.3							
USH 51	STH 30 (Madison)	Southbound to Eastbound	50.6							
STH 30	USH 51 (Madison)	Westbound to Southbound	63.3							
Sub Totals			1018.7	894.5	2120.5	882	50	2025	8	8

PAVEMENT MARKING EPOXY			647.0706	647.0766	647.0776	647.0566	647.0356	647.0156	647.0166	647.0176
Var Hwy Dane County (Madison) (Special Markings)			6-INCH DIAGONAL WHITE L.F.	6-INCH CROSSWALK WHITE L.F.	12-INCH CROSSWALK WHITE L.F.	18-INCH STOP LINE WHITE L.F.	WORDS "ONLY" WHITE EACH	ARROWS TYPE 1 WHITE EACH	ARROWS TYPE 2 WHITE EACH	ARROWS TYPE 3 WHITE EACH
HIGHWAY	LOCATION (AT)	LOCATION (DIRECTION)								
USH 151	USH 51	Eastbound		170		85				
USH 151	USH 51	Westbound		40		85				
USH 51	USH 151	Northbound		174		63	6		6	
USH 51	USH 151	Southbound		224		76	5		6	
USH 51	Anderson St	Northbound			60	58	5		5	
USH 51	Anderson St	Southbound			104	52	2		4	
Anderson St	USH 51	Eastbound			134	26	3	2	4	
Anderson St	USH 51	Westbound			100	41			1	1
USH 51	Kinsman Blvd	Northbound			119	55	2		2	
USH 51	Kinsman Blvd	Southbound			37	47	2		4	
Kinsman Blvd	USH 51	Eastbound			74	40	3	2	4	
Kinsman Blvd	USH 51	Westbound			58	38	3	1	2	
USH 14	Pleasant View Rd - Traffic Signals (Middleton)	Northbound Pleasant View Rd				22.6				
		Southbound Pleasant View Rd				47.6	2		2	2
		Eastbound USH 14				48.1				
		Westbound USH 14				53				
USH 14	Deming Way (Middleton)	Northbound		79		30.6				
		Southbound		97		38.6				
		Eastbound				52.8				
		Westbound				49.7				
USH 14	USH 12 East ON Ramp Traffic Signals (Middleton)	Southbound				33.1				
		Westbound				38	1		2	
		Eastbound				38.1	2		2	
USH 14	Cayuga St Traffic Signals (Middleton)	Northbound Cayuga St	124.9			24.6			1	1
		Westbound USH 12/14 RAMP				37.1	1		1	1
		Westbound USH 14	26.1			35	1		1	
		Eastbound USH 12	53.6			34	1		2	
USH 12 WB	Exit 253 for Greenway Blvd	OFF Ramp		90		40			2	1
Greenway Blvd	USH 12 WB ON Ramp	Westbound				32				
Greenway Blvd	USH 12 WB OFF Ramp	Eastbound				28				
USH 12 EB	Exit 253 for Greenway Blvd	OFF Ramp		60		24	2		2	
Greenway Blvd	USH 12 EB OFF Ramp	Westbound				26				
Greenway Blvd	USH 12 EB ON Ramp	Eastbound		60		26	1		1	
USH 12 EB	Exit 253 for Greenway Blvd	OFF Ramp		90		36	4		4	2
Old Sauk Rd	USH 12 EB OFF Ramp	Westbound				40				
Old Sauk Rd	USH 12 EB ON Ramp	Eastbound		60		48				
USH 12 WB	Exit 253 for Greenway Blvd	OFF Ramp		75		36	4		4	2
Old Sauk Rd	USH 12 WB ON Ramp	Westbound		60		52				
Old Sauk Rd	USH 12 WB OFF Ramp	Eastbound				40				
Sub Totals			204.6	1279	686	1676.9	50	5	62	10

3

PAVEMENT MARKING EPOXY			647.0766	647.0776	647.0786	647.0526	647.0566	647.0256	647.0356	647.0156	647.0166	647.0176
USH 12 Dane County (Special Markings)			6-INCH CROSSWALK WHITE L.F.	12-INCH CROSSWALK WHITE L.F.	18-INCH CROSSWALK BLOCK WHITE L.F.	18-INCH YIELD LINE WHITE EACH	18-INCH STOP LINE WHITE L.F.	Preferential LANE SYMBOL WHITE L.F.	WORDS "ONLY" WHITE EACH	ARROWS TYPE 1 WHITE EACH	ARROWS TYPE 2 WHITE EACH	ARROWS TYPE 3 WHITE EACH
HIGHWAY	LOCATION (AT)	LOCATION (DIRECTION)										
USH 12 EB	Exit 257 for Whitney way	OFF Ramp		50			26					
USH 12 EB	Schroeder Rd/ Whitney Way South side of bridge	USH 12 EB OFF Ramp Intersection		437			143		4		5	3
USH 12 EB	Exit 257 for Whitney way	ON Ramp					36	6				
USH 12 WB	Exit 257 for Whitney way	OFF Ramp					52		3		3	1
USH 12 WB	Whitney Way North side of bridge	USH 12 WB OFF Ramp Intersection		247			114		3		4	
USH 18/151	USH 12 WB OFF Ramp to USH 18/151	Traffic Signals & Right Turn Lane		299.6			88.1		12		12	3
	USH 12 EB OFF Ramp to USH 18/151	Traffic Signals & Left Trun Lane		281.2			49		2		1	1
	USH 18/151 EB to USH 12 EB & WB	Both Intersections Traffics Signals		166			88		1	1	1	1
	USH 18/151 WB & Midvale Blvd, Intersections	Both Intersections Traffics Signals		204			97.8		1		1	1
USH 18/151	Atticues Way Traffic Signals (Madison)	Northbound Atticues Way		68.1			56.9					
		Southbound Atticues Way		107.1			56.2					
		Eastbound		135	82.5		62.4					
		Westbound		84	52.5		56.2					
USH 12 WB	Seminole Hwy North side of bridge	USH 12 WB OFF Ramp Intersection	80				85		1		2	
USH 12 EB	Seminole Hwy South end of bridge	USH 12 EB Intersection		375			124		4	1	5	
USH 12 EB	Exit 259 to Todd Dr	OFF Ramp				18			1		1	
USH 12 WB	Exit 259 to Todd Dr	ON Ramp		60			26					
USH 12 EB	Exit 262 for Rimrock Rd	OFF Ramp		130			65		6		6	
USH 12 EB	Rimrock Rd SB at EB OFF Ramp	Southbound					60		1		1	
USH 12 EB	Rimrock Rd NB at EB ON Ramp	Northbound					40		1		1	
USH 12 WB	Exit 262 for Rimrock Rd	OFF Ramp					50		4		4	2
USH 12 WB	Rimrock Rd SB at WB ON Ramp	Southbound		85			24		1		1	
USH 12 WB	Rimrock Rd NB at WB ON Ramp	Northbound					60		1		1	
USH 12 EB	Exit 264 for South Towne Dr	OFF Ramp		130			65		6		6	
USH 12 EB	South Towne Dr SB at EB OFF Ramp	Southbound					60		1		1	
USH 12 EB	South Towne Dr NB at EB ON Ramp	Northbound					40		1		1	
USH 12 WB	Exit 264 for South Towne Dr	OFF Ramp					50		4		4	2
USH 12 WB	South Towne Dr SB at WB OFF Ramp	Southbound		85			24		1		1	
USH 12 WB	South Towne Dr NB at WB ON Ramp	Northbound					60		1		1	
USH 12 EB	Exit 265 for Monona Dr	OFF Ramp					15					
USH 12 EB	Southbound Monona Dr to EB ON Ramp	Southbound					18					
USH 12 WB	Exit 265 for Monona Dr	OFF Ramp					15					
USH 12 EB	Exit 266 for USH 51	OFF Ramp					85		11		11	3
USH 12 EB	Exit 266 for USH 51	ON Ramp					60					
USH 51 NB & SB	USH 12 Southside Intersection	Northbound & Southbound		30			145		2		2	
USH 12 WB	Exit 266 for USH 51	OFF Ramp		135			50		5		5	2
USH 51 NB & SB	USH 12 Northside Intersection	Northbound & Southbound					120		2		2	
USH 12 WB	Exit 266 for USH 51	ON Ramp					28					
USH 12 EB	Exit 272 for CTH N	OFF Ramp					45					
USH 12 WB	Exit 272 for CTH N	OFF Ramp					30					
Sub Totals			80	3109	135	18	2369.6	6	80	2	83	19

3

PAVEMENT MARKING EPOXY			646.0116	647.0566
Var Hwy Rock County (Special Markings)			6-INCH BIKE LANE WHITE L.F.	18-INCH STOP LINE WHITE L.F.
HIGHWAY	LOCATION (AT)	(DIRECTION)		
STH 11	CTH G South of Janesville	Eastbound		56.5
STH 11	CTH G South of Janesville	Westbound		44
CTH G	STH 11 South of Janesville	Northbound		60
CTH G	STH 11 South of Janesville	Southbound	229	48.5
USH 51	STH 11 South of Janesville	Northbound	108	52
USH 51	STH 11 South of Janesville	Southbound	144	63
STH 11	USH 51 South of Janesville	Eastbound		53
STH 11	USH 51 South of Janesville	Westbound		54
STH 11	USH 14 East of Janesville	Eastbound		15
Sub Totals			481	446

PAVEMENT MARKING EPOXY			647.0566
Var Hwy Jefferson County (Special Markings)			18-INCH STOP LINE WHITE L.F.
HIGHWAY	LOCATION (AT)	(DIRECTION)	
STH 16	CTH F (Ixonla)	Northbound CTH F	22.5
STH 16	CTH F (Ixonla)	Southbound CTH F	22.5
STH 26	NB OFF Ramp to Business 26 (Jefferson)	Northbound	26
STH 26	SB OFF Ramp to Business 26 (Jefferson)	Southbound	26
Sub Totals			97

PAVEMENT MARKING EPOXY			647.011	647.0566	647.0576
Var Hwy Dodge County (Special Markings)			RAILROAD CROSSINGS WHITE EACH	18-INCH STOP LINE WHITE L.F.	24-INCH STOP LINE WHITE L.F.
HIGHWAY	LOCATION (AT)	LOCATION (DIRECTION)			
STH 26	Minnesota Jct (north of STH 33)	Northbound/Southbound	2		74
STH 26	Burnette	Northbound/Southbound	2		74
STH 67	Ashippun	Northbound/Southbound	2		74
STH 67	Iron Ridge	Northbound/Southbound	2		74
STH 67	North of STH 33	Northbound/Southbound	2		74
STH 67	STH 33	Northbound		31	
STH 67	STH 33	Southbound		30	
STH 33	STH 67	Eastbound		28	
STH 33	STH 67	Westbound		28	
STH 67	STH 60	Northbound		29	
STH 67	STH 60	Southbound		31	
STH 60	STH 67	Eastbound		28	
STH 60	STH 67	Westbound		29	
Sub Totals			10	234	370

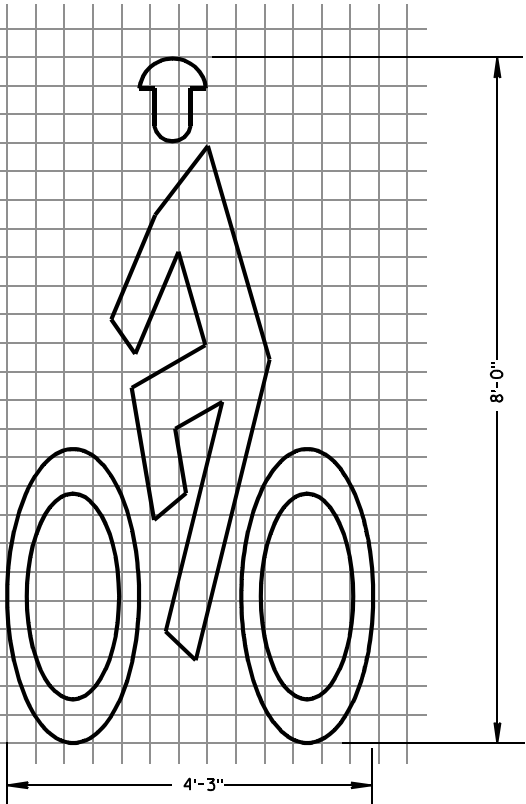
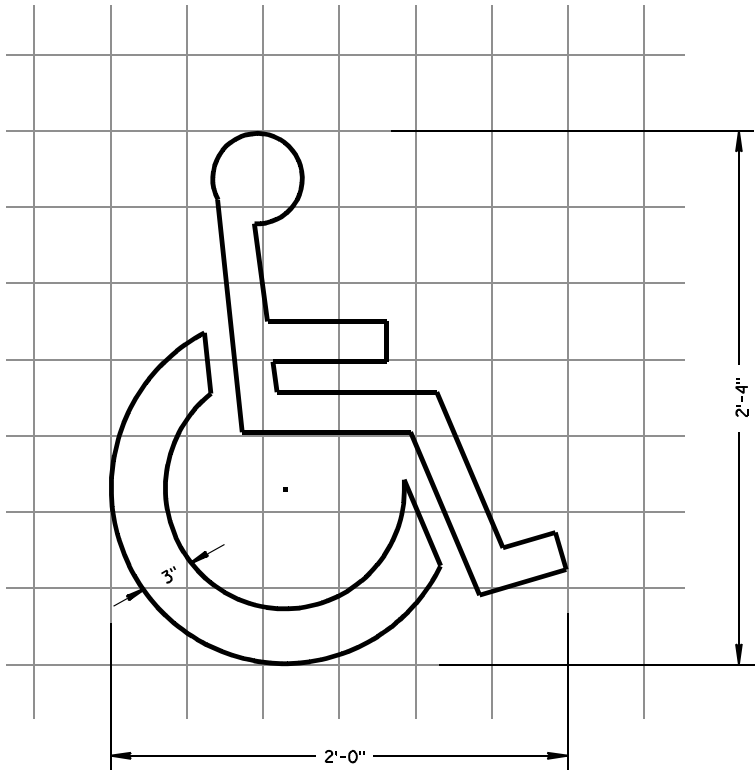
SUMMARY of SPECIAL MARKINGS

HIGHWAY	LOCATION	PAVEMENT MARKING EPOXY	646.0106	646.0106	646.0116					647.0256
			4-INCH MINI DASHES WHITE L.F.	4-INCH MINI DASHES YELLOW L.F.	6-INCH BIKE LANE WHITE L.F.	647.0110	647.0156	647.0166	647.0176	PREFERENTIAL LANE SYMBOL WHITE EACH
USH 51	Dane County (Madison)		1018.7	894.5				8		
Var Hwy	Dane County (Madison)						5	62	10	
USH 12	Dane County (Madison)						2	83	19	6
Var Hwy	Rock County				481					
Var Hwy	Dodge County					10				
TOTALS			1018.7	894.5	481	10	7	153	29	6

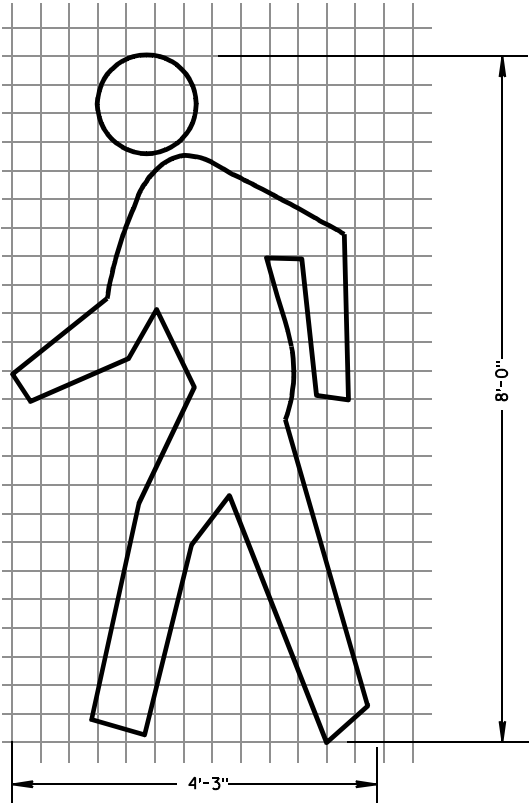
HIGHWAY	LOCATION	PAVEMENT MARKING EPOXY	647.0356	647.0526	647.0566	647.0576	647.0706	647.0766	647.0776	647.0786
			WORDS "ONLY" WHITE EACH	18-INCH YIELD LINE WHITE EACH	18-INCH STOP LINE WHITE L.F.	24-INCH STOP LINE WHITE L.F.	6-INCH DIAGONAL WHITE L.F.	6-INCH CROSSWALK WHITE L.F.	12-INCH CROSSWALK WHITE L.F.	18-INCH CROSSWALK BLOCK WHITE L.F.
USH 51	Dane County (Madison)		8		2025			2120.5	882	50
Var Hwy	Dane County (Madison)		50		1676.9		204.6	1279	686	
USH 12	Dane County (Madison)		80	18	2369.6			80	3109	135
Var Hwy	Rock County				446					
Var Hwy	Dodge County				234	370				
Var Hwy	Jefferson County				97					
TOTALS			138	18	6848.5	370	204.6	3479.5	4677	185

Standard Detail Drawing List

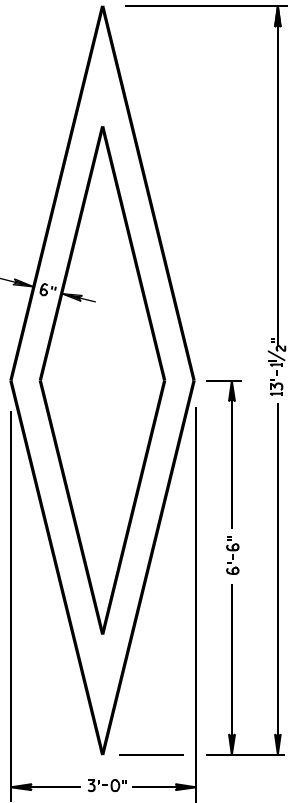
15C07-12A	PAVEMENT MARKING SYMBOLS
15C07-12B	PAVEMENT MARKING WORDS
15C07-12C	PAVEMENT MARKING ARROWS
15C08-15A	PAVEMENT MARKING (MAINLINE)
15C08-15B	PAVEMENT MARKING (INTERSECTIONS)
15C08-15C	PAVEMENT MARKING (CLIMBING LANE & PASSING LANE)
15C08-15D	PAVEMENT MARKING (CLIMBING LANE & PASSING LANE)
15C08-15E	PAVEMENT MARKING (LEFT TURN LANE)
15C08-15F	PAVEMENT MARKING (ISLANDS, STOP LINE & CROSS WALK)
15C09-09A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C10-10	PAVEMENT MARKINGS FOR DROP LANES FREEWAY/EXPRESSWAY
15C12-03	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C19-01A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-01B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C19-01C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C20-01	YIELD MARKING
15C21-04	SIGNING AND MARKING FOR TWO LANE TO FOUR LANE DIVIDED TRANSITIONS
15C31-01A	PAVEMENT MARKING (RAMPS AND GORES)



BIKE CROSSING SYMBOL



PEDESTRIAN SYMBOL



PREFERENTIAL
LANE SYMBOL

GENERAL NOTES

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

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

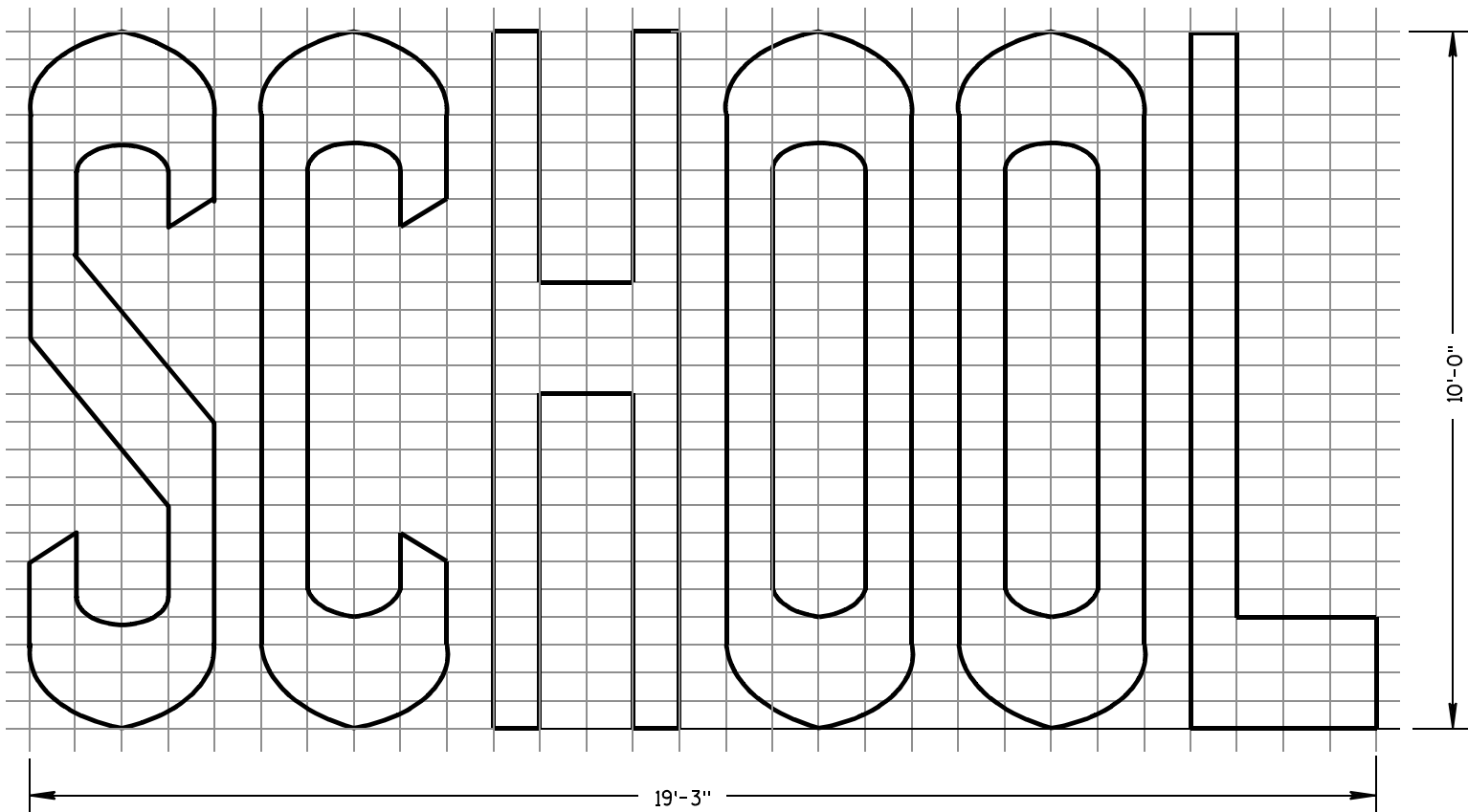
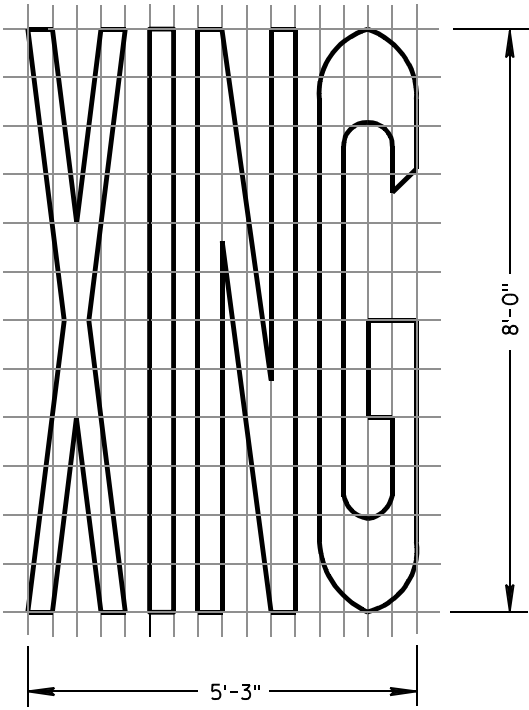
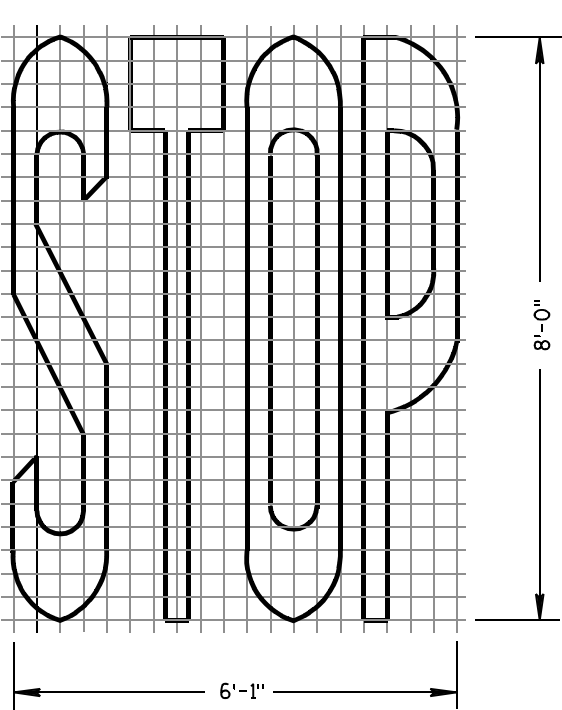
A DETAILED DRAWING OF THE HANDICAPPED PARKING SYMBOL IS ILLUSTRATED IN THE "STANDARD HIGHWAY SIGNS MANUAL" BY THE FEDERAL HIGHWAY ADMINISTRATION.

PAVEMENT MARKING SYMBOLS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 7/1/11 DATE	/S/ Thomas N Notbohm STATE TRAFFIC ENGINEER OF DESIGN FHWA

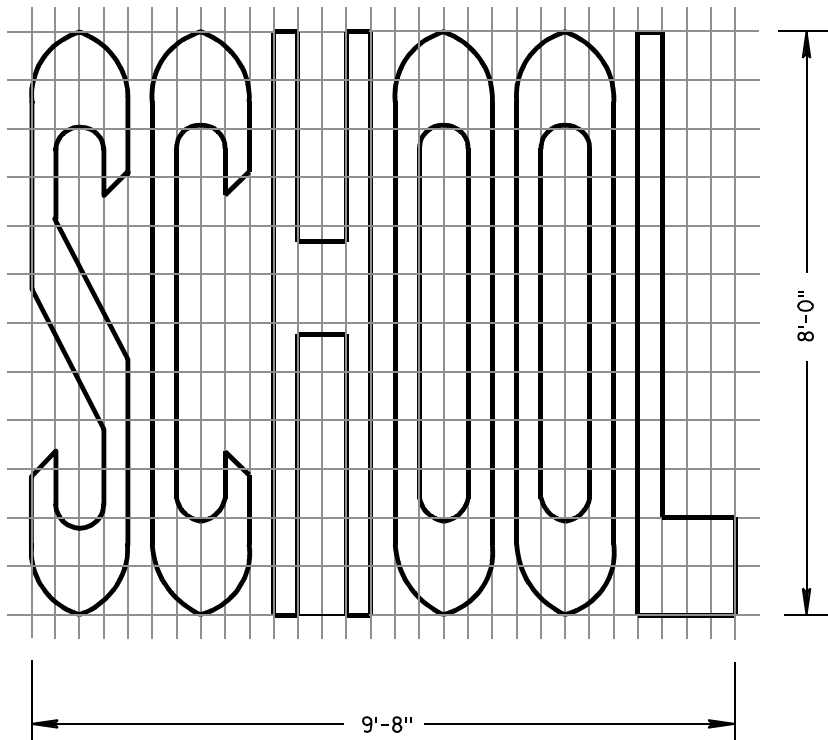
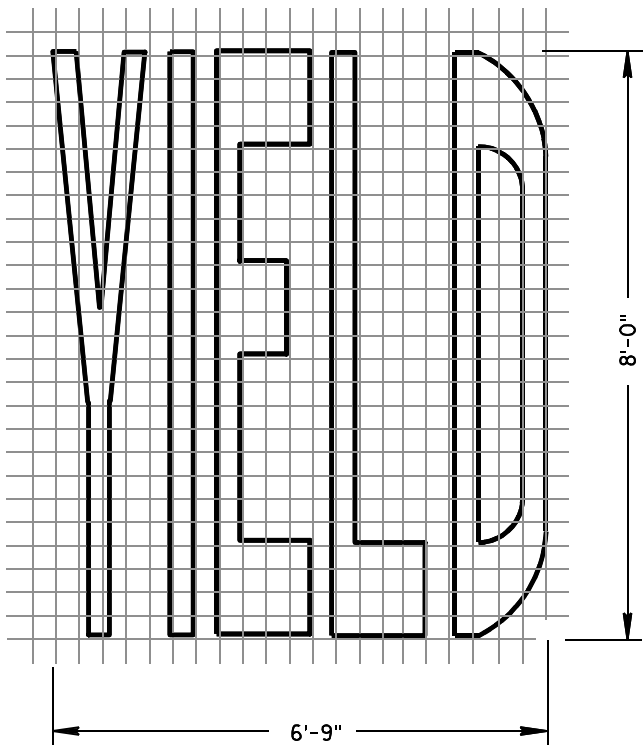
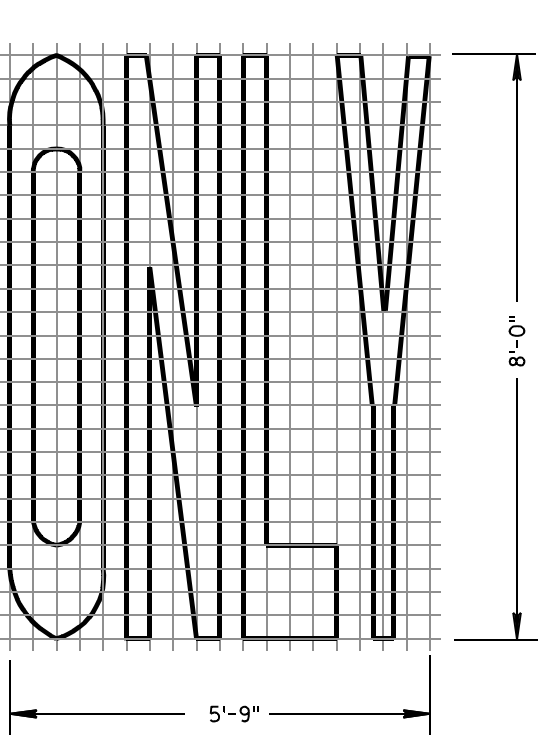
GENERAL NOTES

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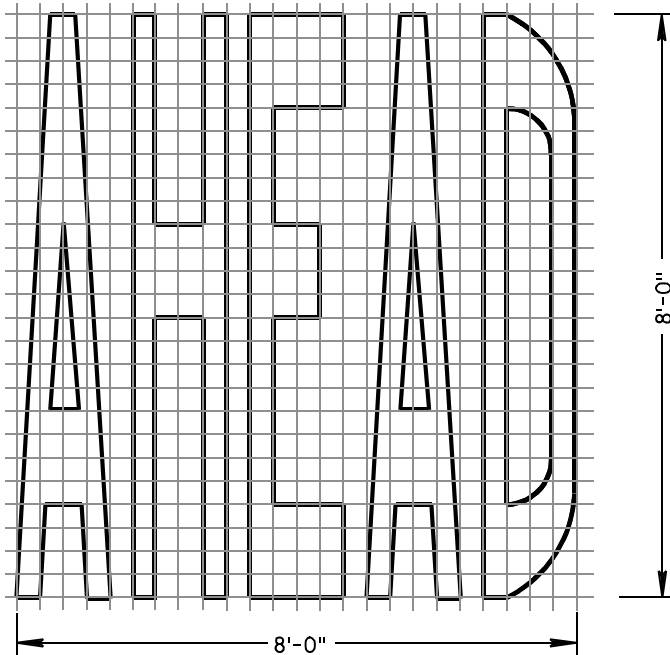
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TWO-LANE



SINGLE-LANE



PAVEMENT MARKING WORDS

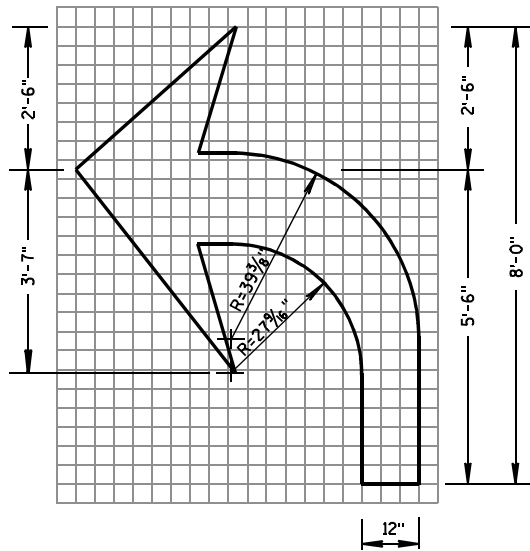
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

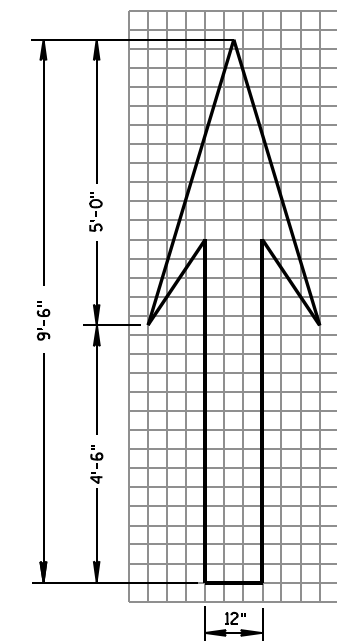
7-1-11
DATE

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

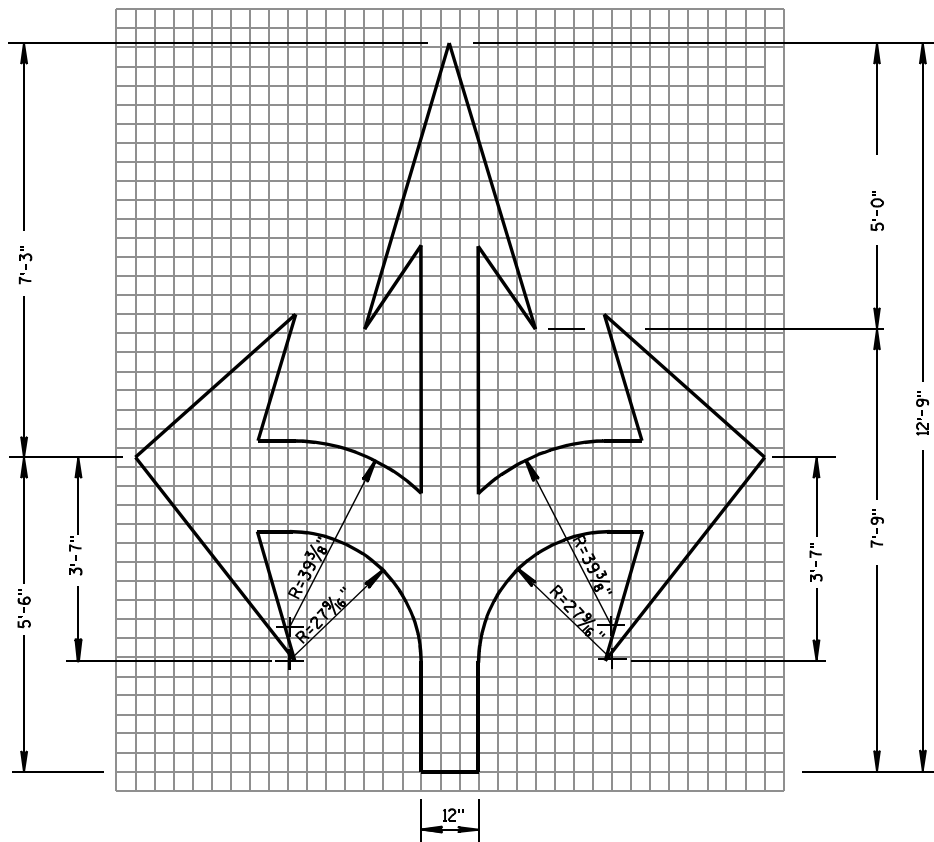
FHWA



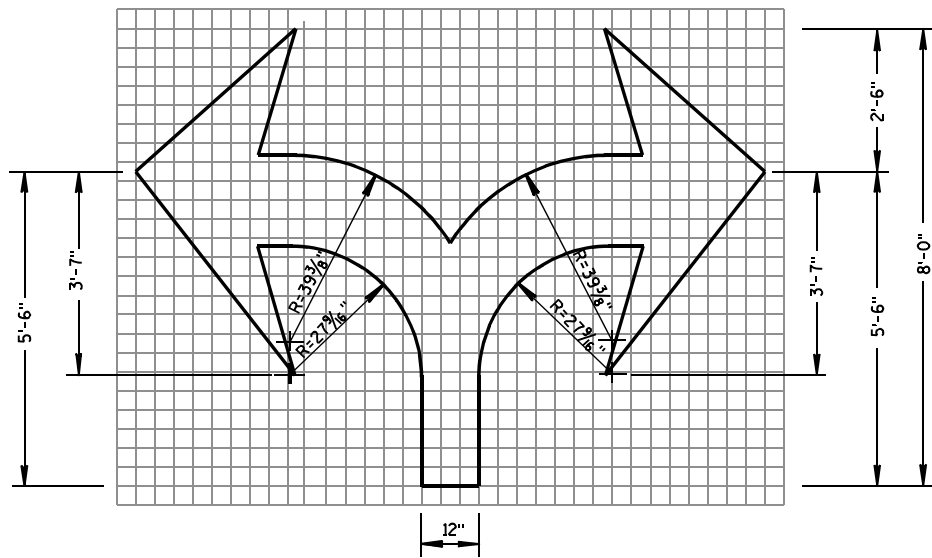
TYPE 2



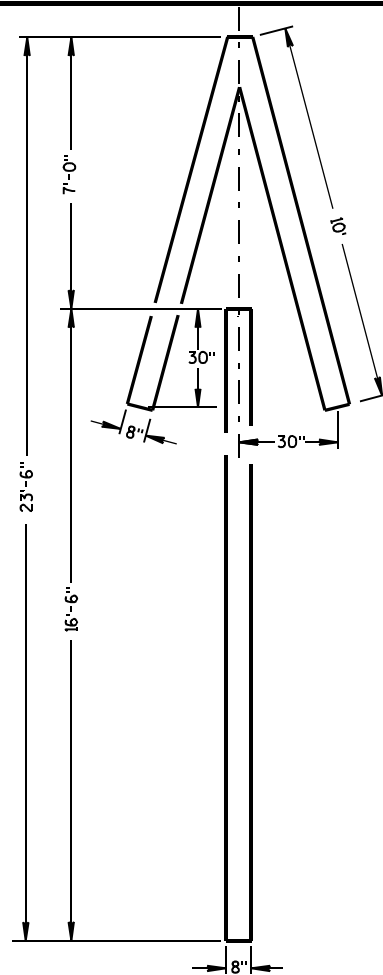
TYPE 1



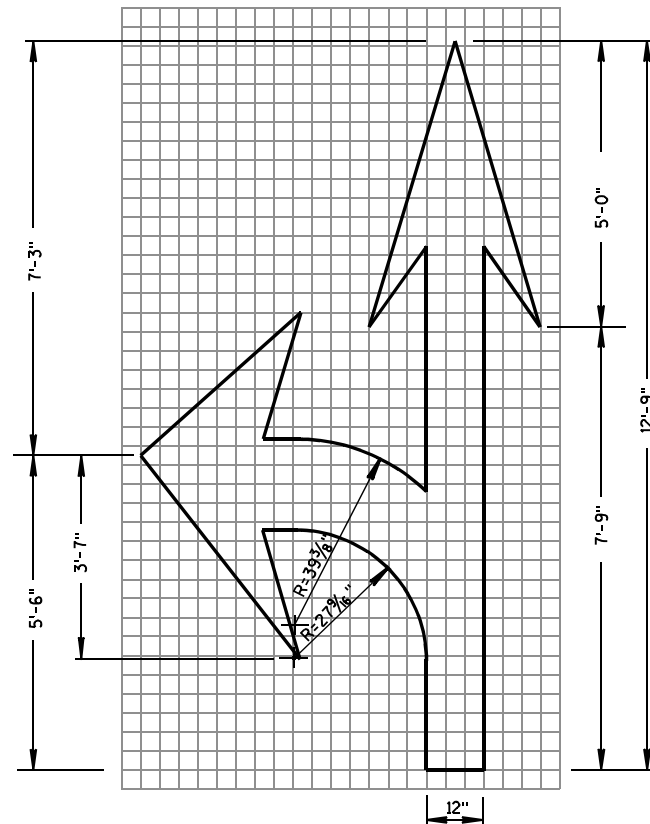
TYPE 6



TYPE 7



TYPE 4

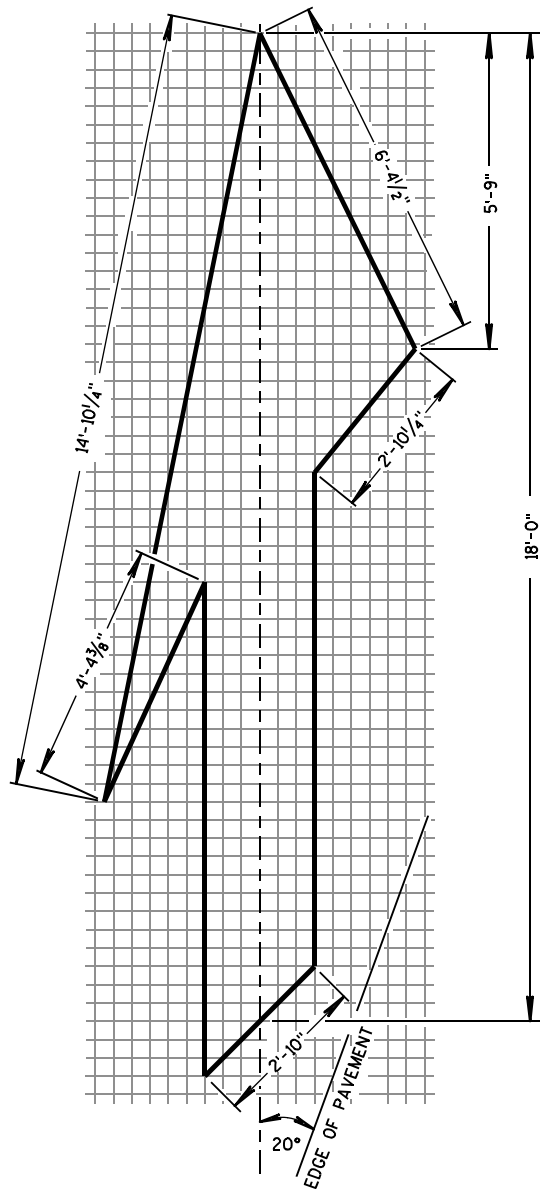


TYPE 3

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.

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TYPE 5 LANE DROP ARROW

PAVEMENT MARKING ARROWS

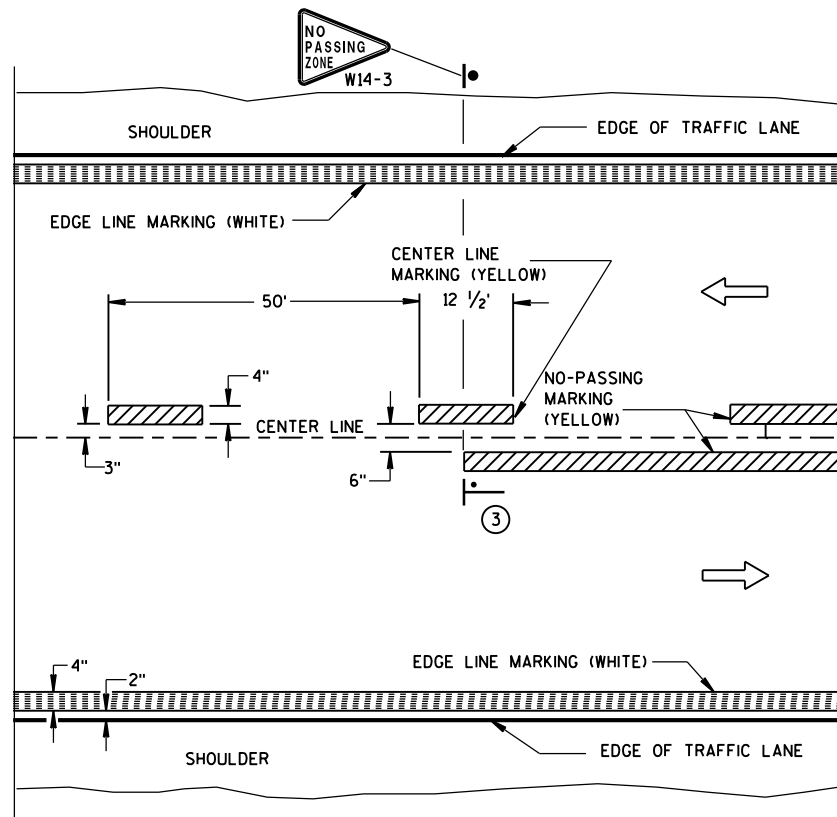
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

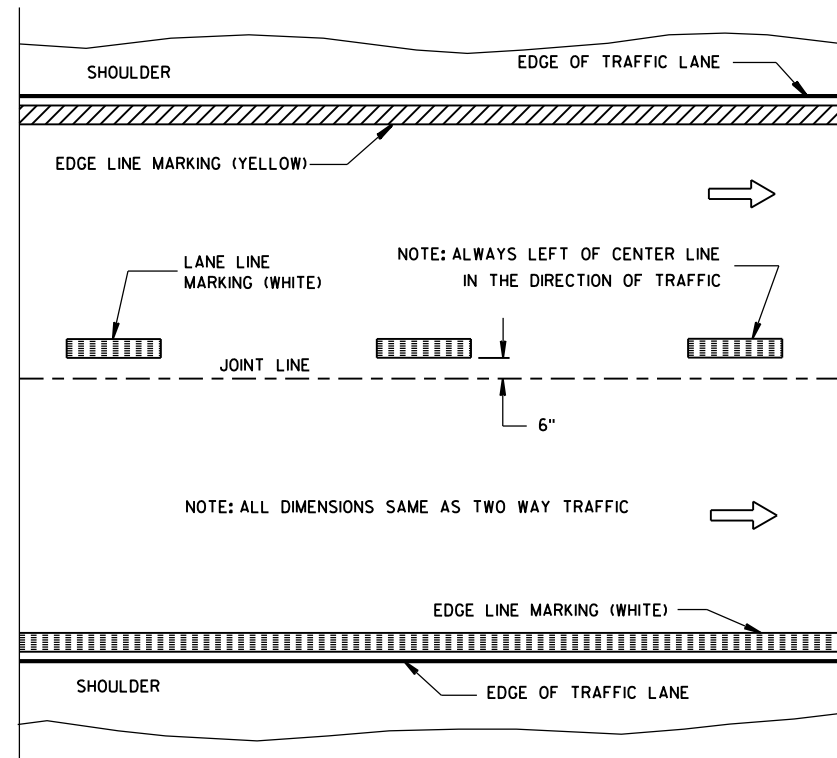
7/1/11
DATE

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

FHWA

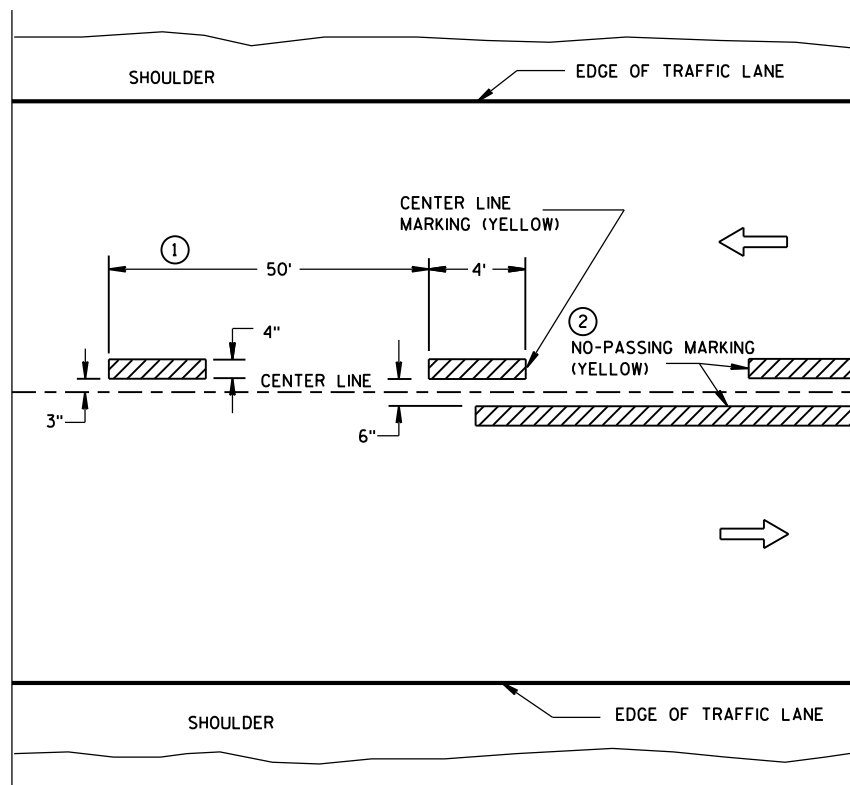


TWO WAY TRAFFIC

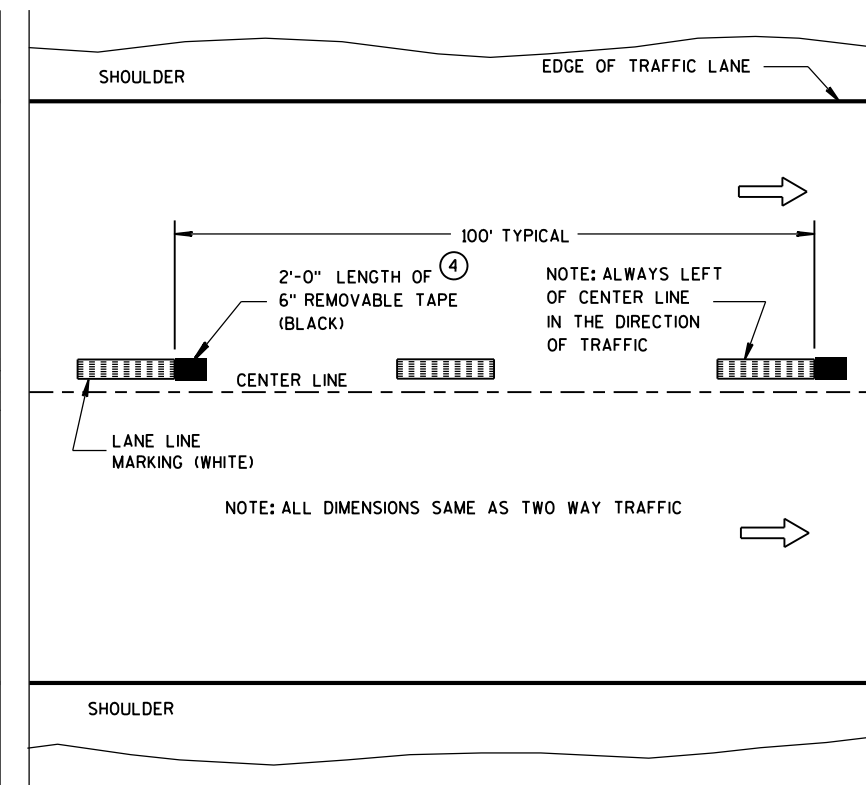


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

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

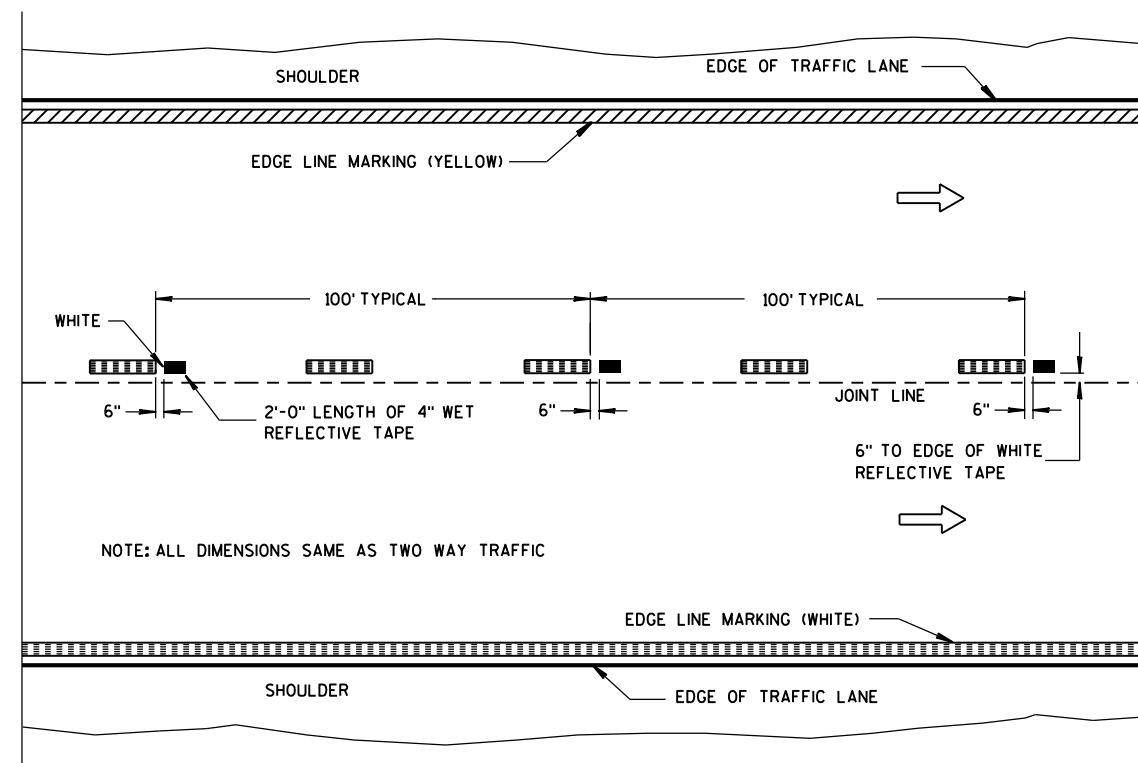
GENERAL NOTES

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

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

NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL



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

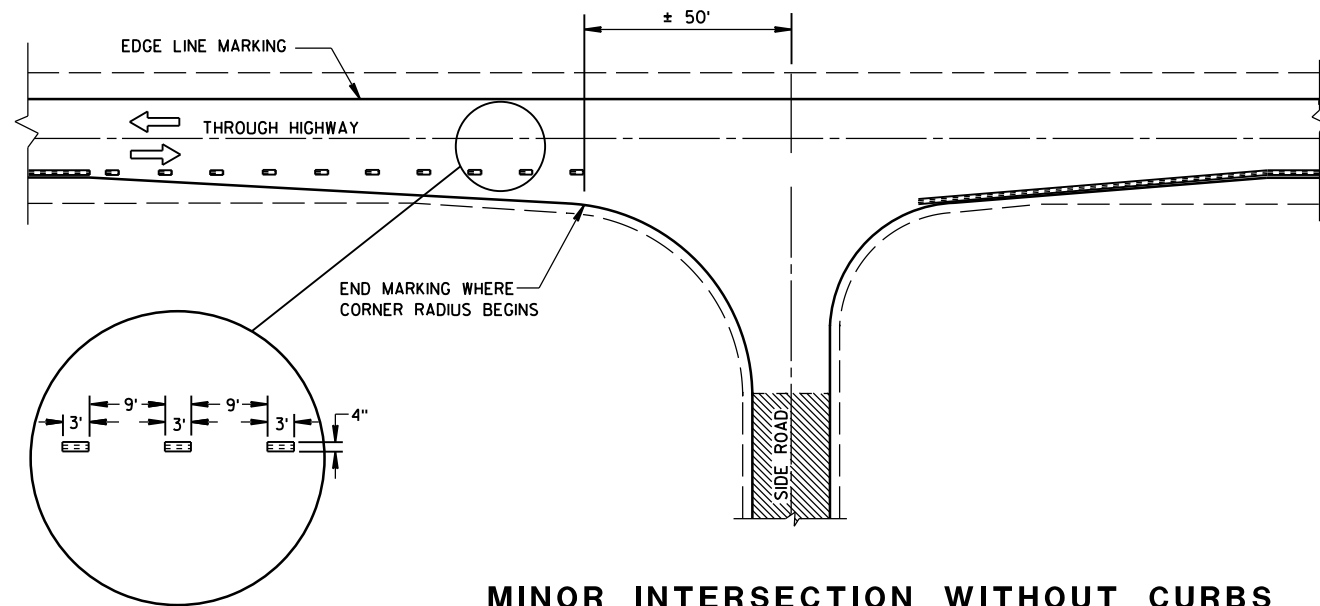
LEGEND

- "T" MARKING
- POST MOUNTED SIGN

PAVEMENT MARKING
(MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

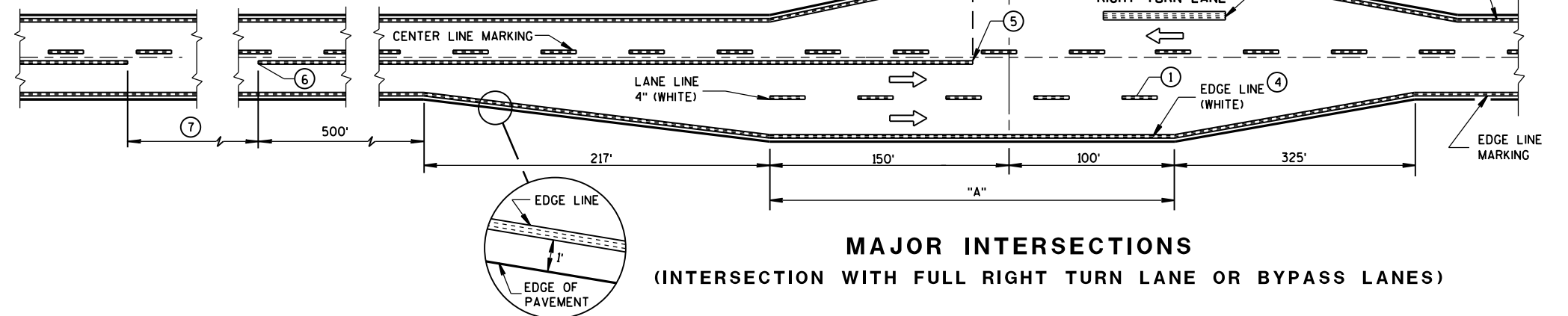
APPROVED
10-1-2012 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA



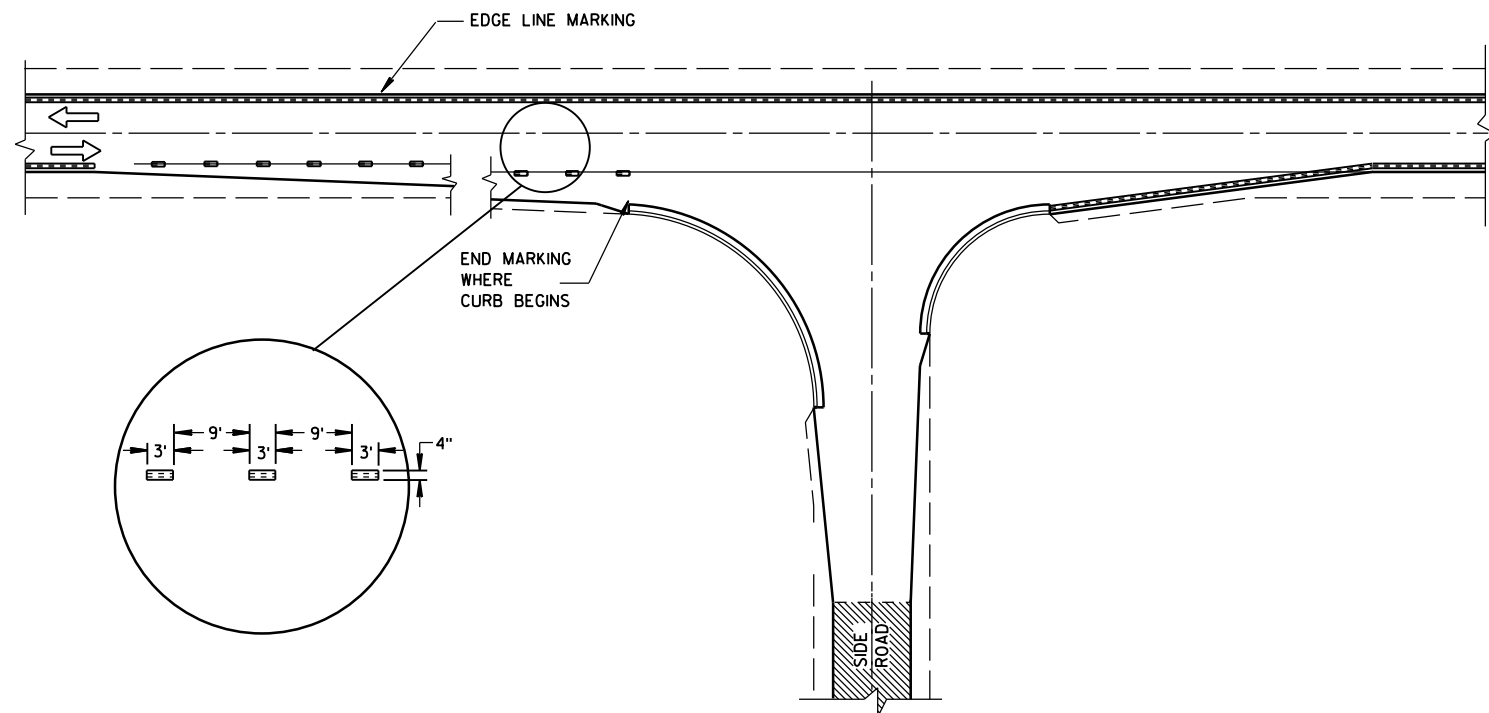
MINOR INTERSECTION WITHOUT CURBS

⑦

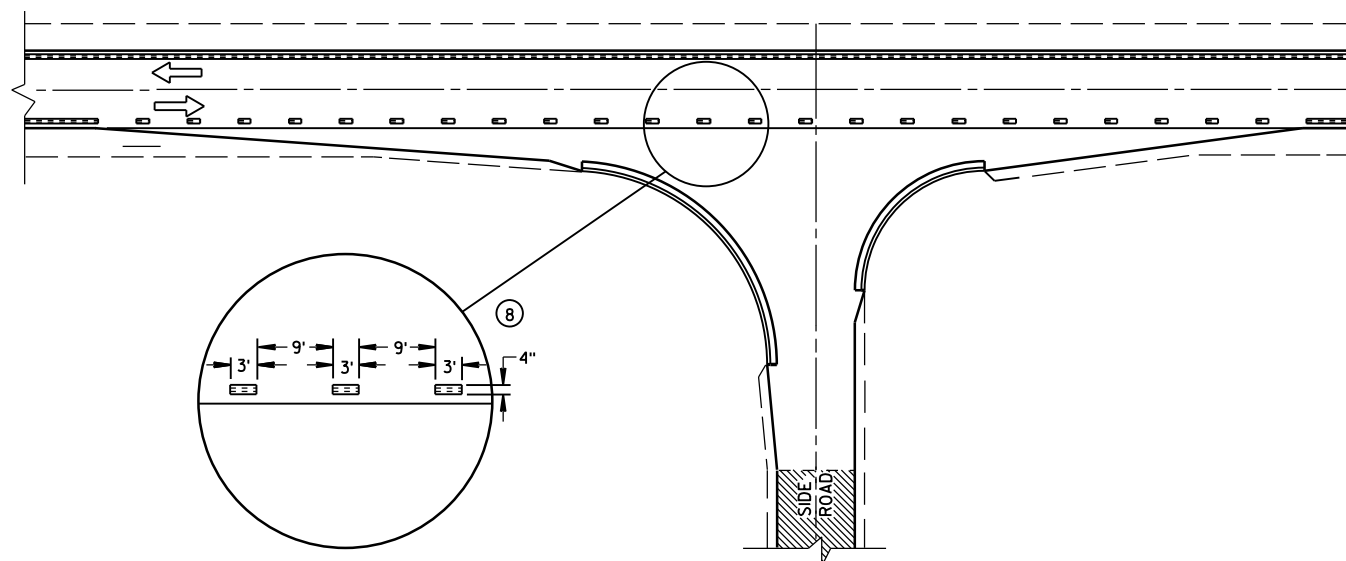
POSTED SPEED (MPH)	MINIMUM DISTANCE BETWEEN ZONES (FEET)
25 - 30	528
35 - 40	528
45 - 50	686
55	792



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



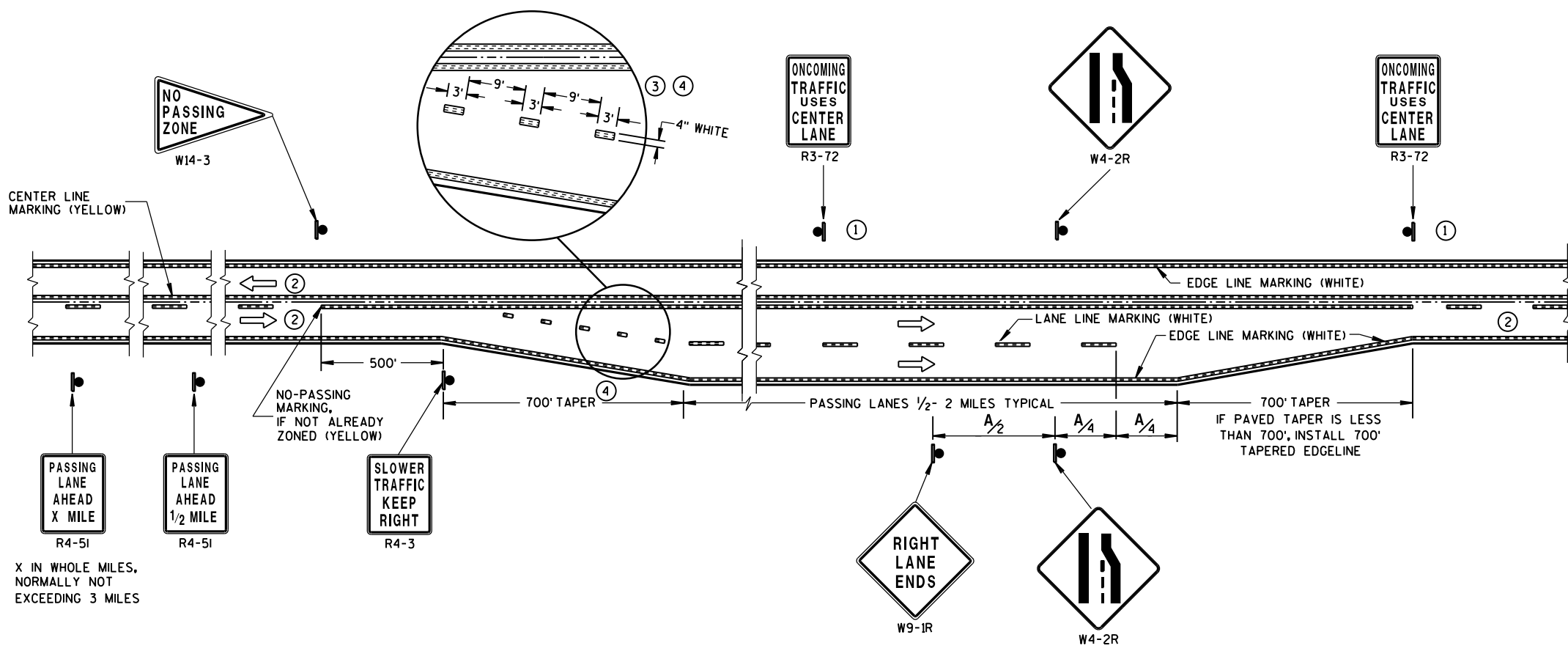
MINOR INTERSECTION WITH CURBS
(TYPICAL MARKING)



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

GENERAL NOTES

- EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.
- ① WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
 - ② WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
 - ③ ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.
 - ④ THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.
 - ⑤ BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.
 - ⑥ BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
 - ⑦ IF THE DISTANCE BETWEEN 2 SUCCESSIVE NO-PASSING ZONES IS LESS THAN THE MINIMUM DISTANCE BETWEEN ZONES, CONNECT THE 2 ZONES.
 - ⑧ 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL



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

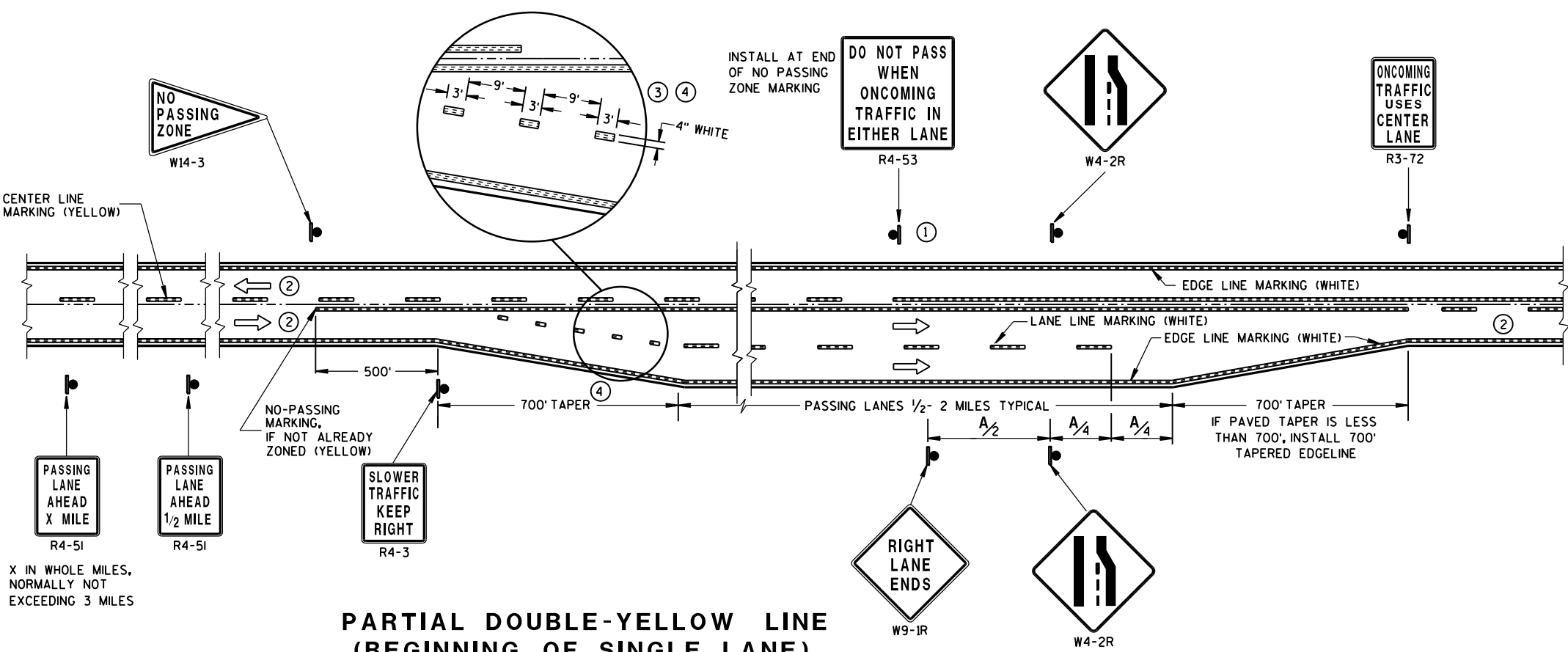
GENERAL NOTES

- ① SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
- ② THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- ③ THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ④ WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING/CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

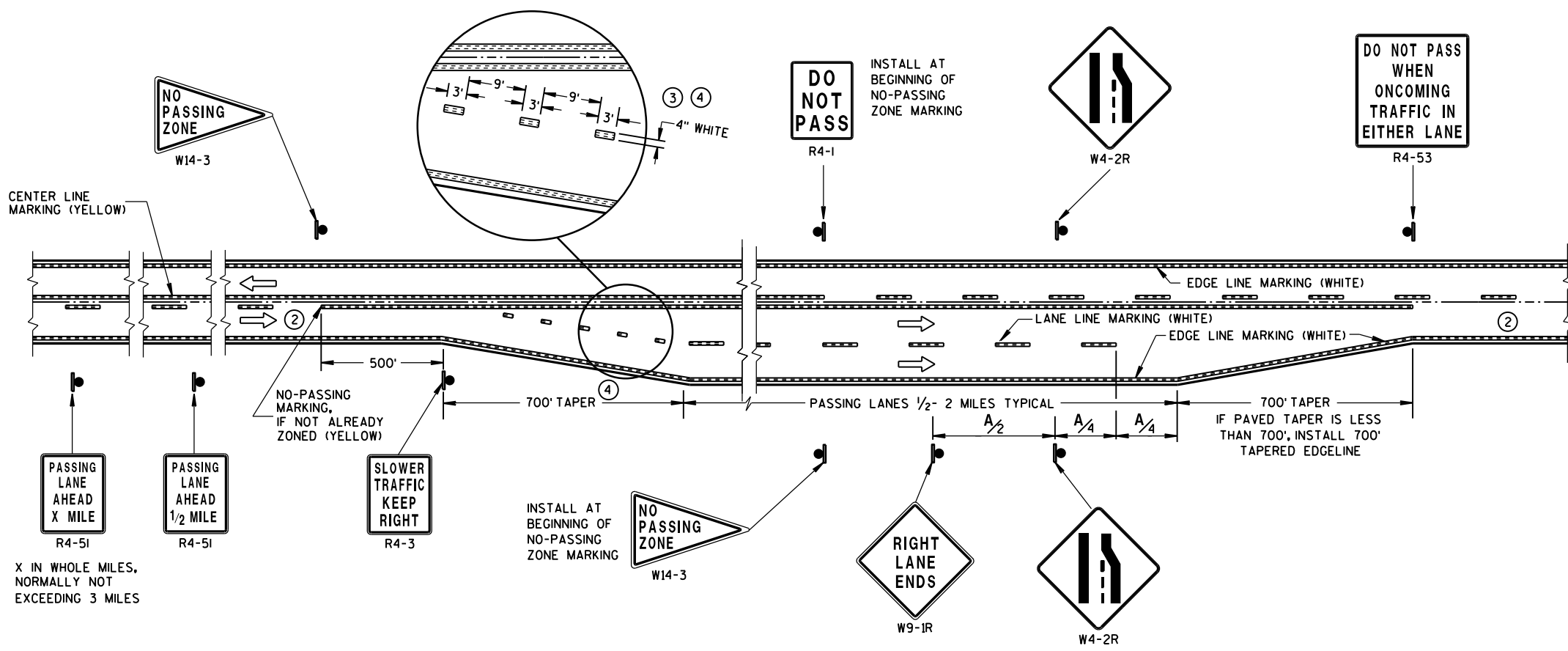
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	750
50	850
55	950



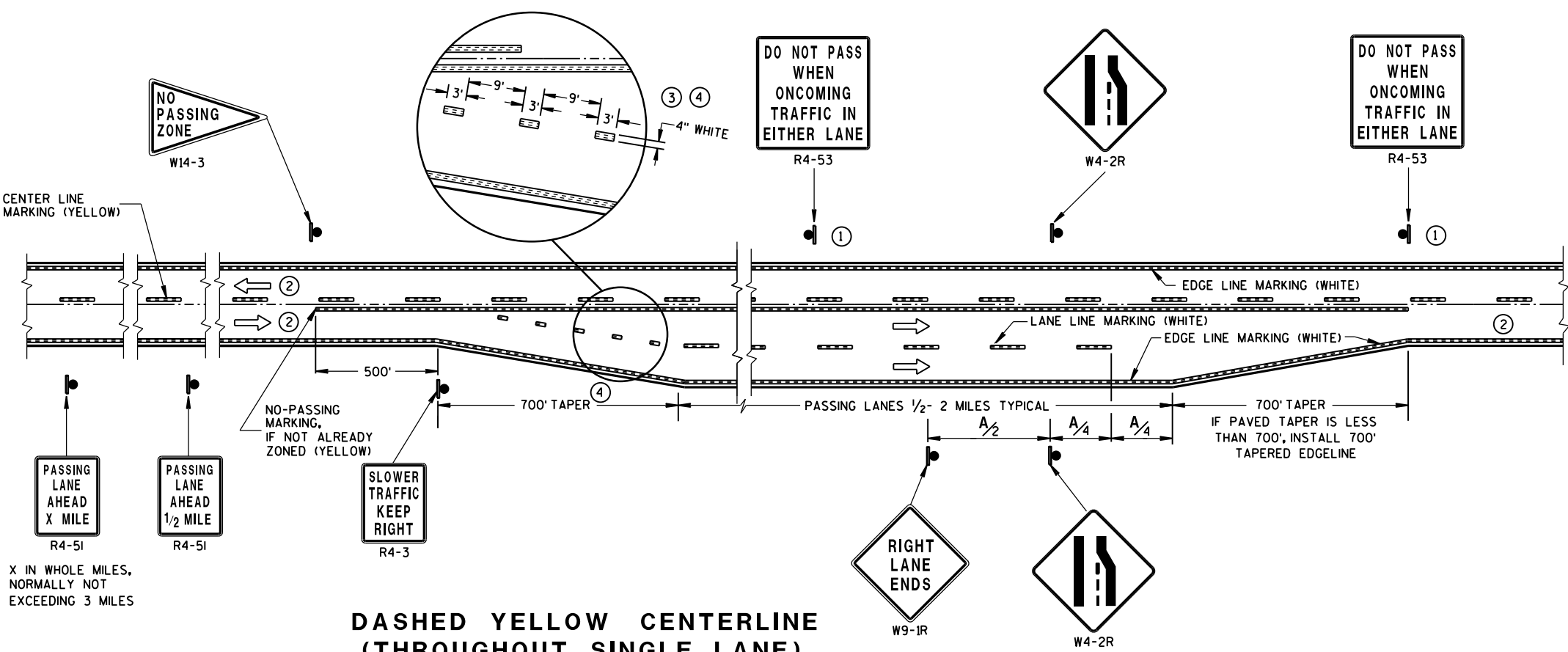
**PARTIAL DOUBLE-YELLOW LINE
(BEGINNING OF SINGLE LANE)**

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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



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

GENERAL NOTES

- ① SIGN SHALL BE REPEATED AT 1/2 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
- ② THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- ③ THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ④ WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING/CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

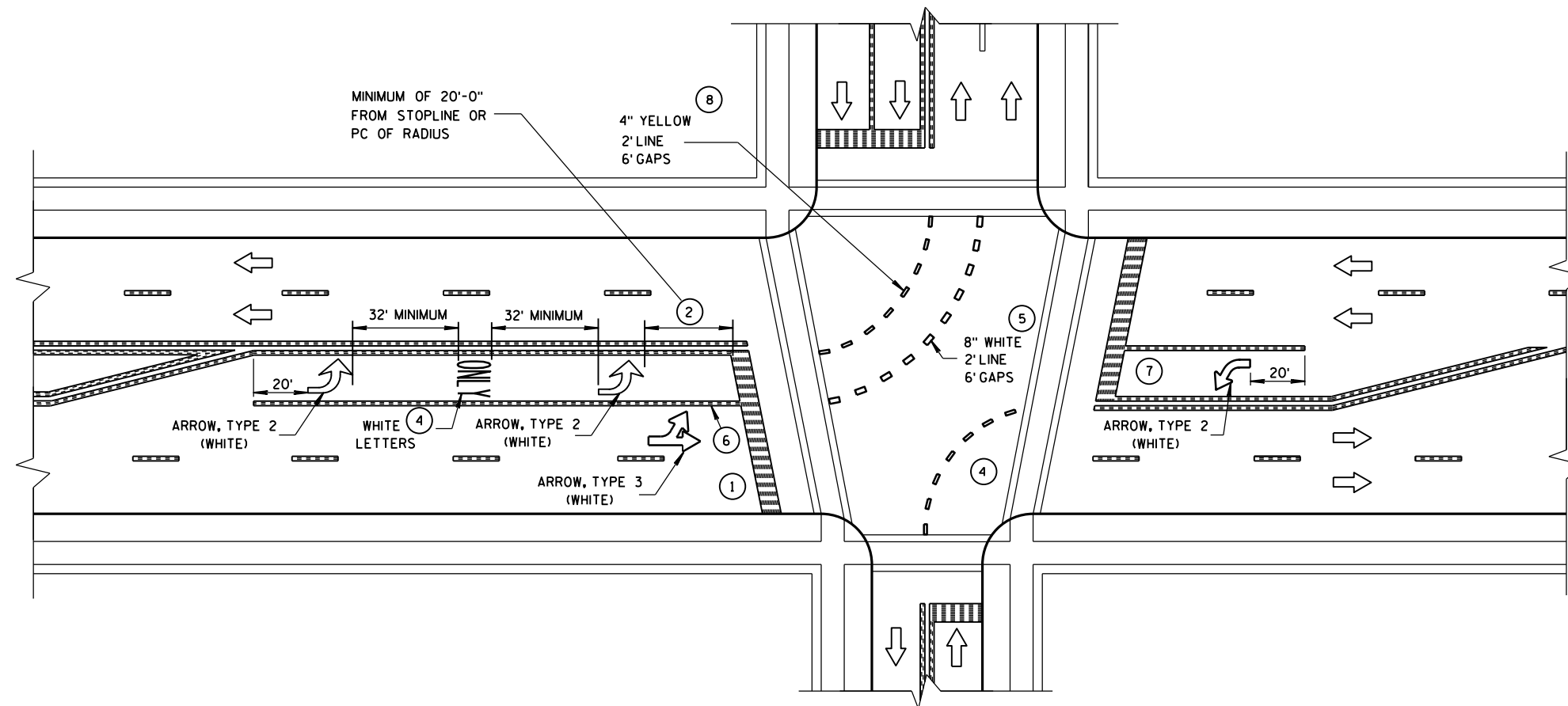
ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE


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

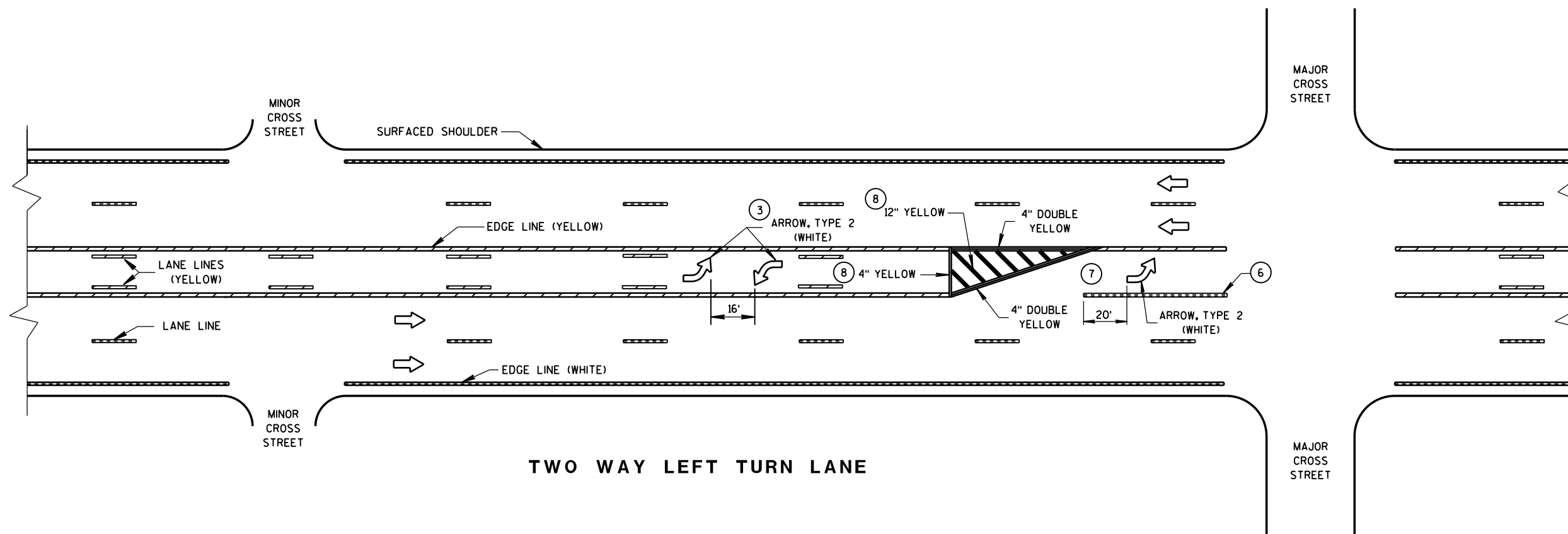
**PAVEMENT MARKING & SIGNING
(CLIMBING LANE &
PASSING LANE)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



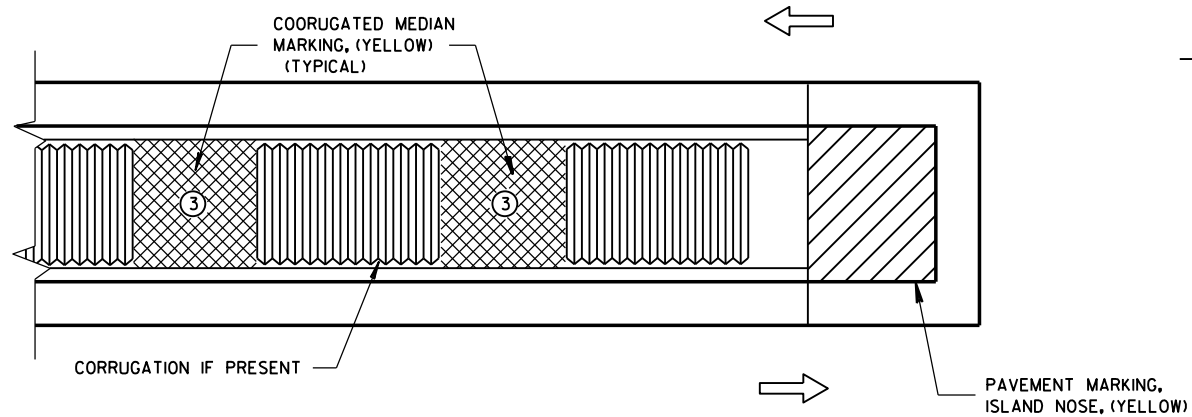
- ## GENERAL NOTES
- 1 STOP BAR IS REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
 - 2 DISTANCE MAY BE ADJUSTED TO ACCOMMODATE SHORT LEFT TURN LANES, AS APPROVED BY THE ENGINEER.
 - 3 A SET OF ARROWS IS REQUIRED EVERY 400' OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
 - 4 ADD EXTRA ARROW AND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

NOTE:
ARROW SYMBOL ()
SHOWS DIRECTION OF TRAVEL

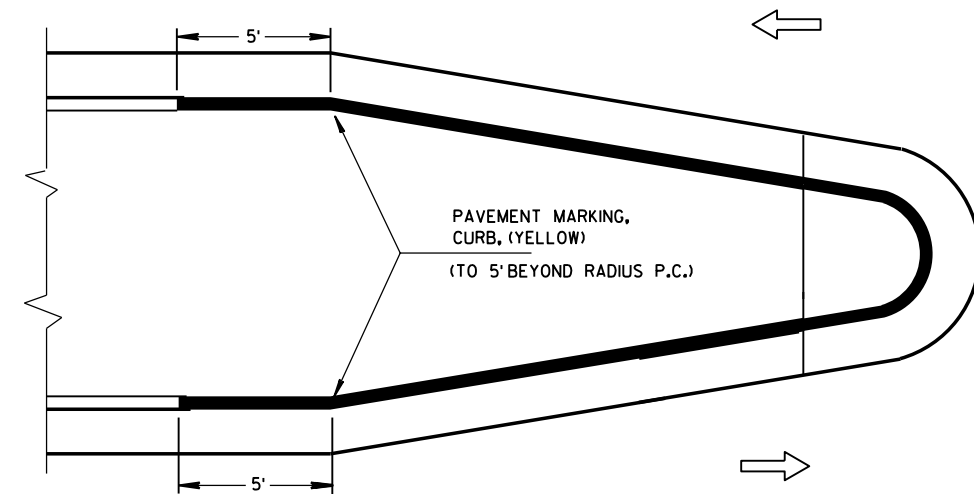


PAVEMENT MARKING
(LEFT TURN LANE)

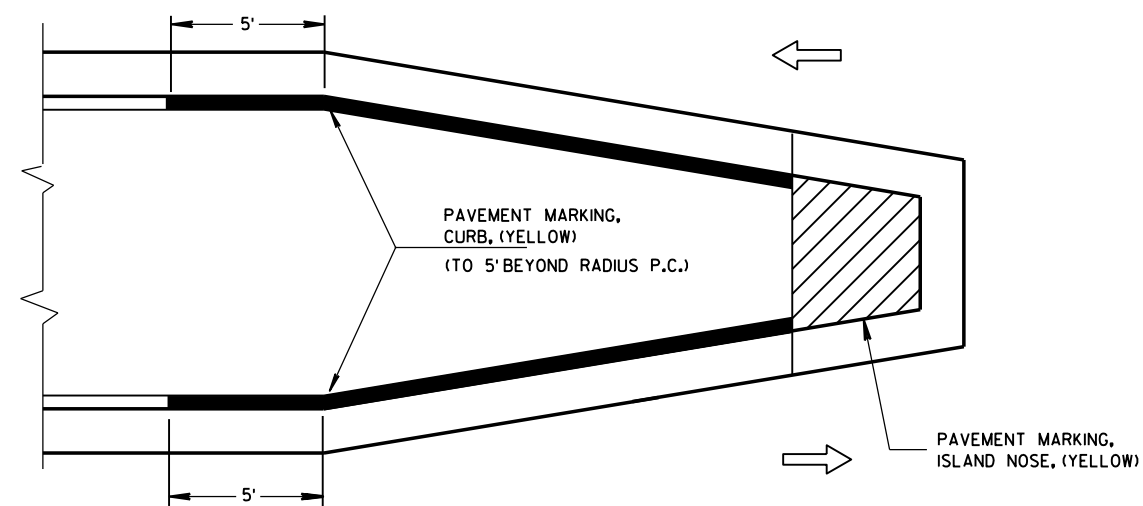
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



MEDIAN ISLAND WITH SQUARE BLUNT NOSE

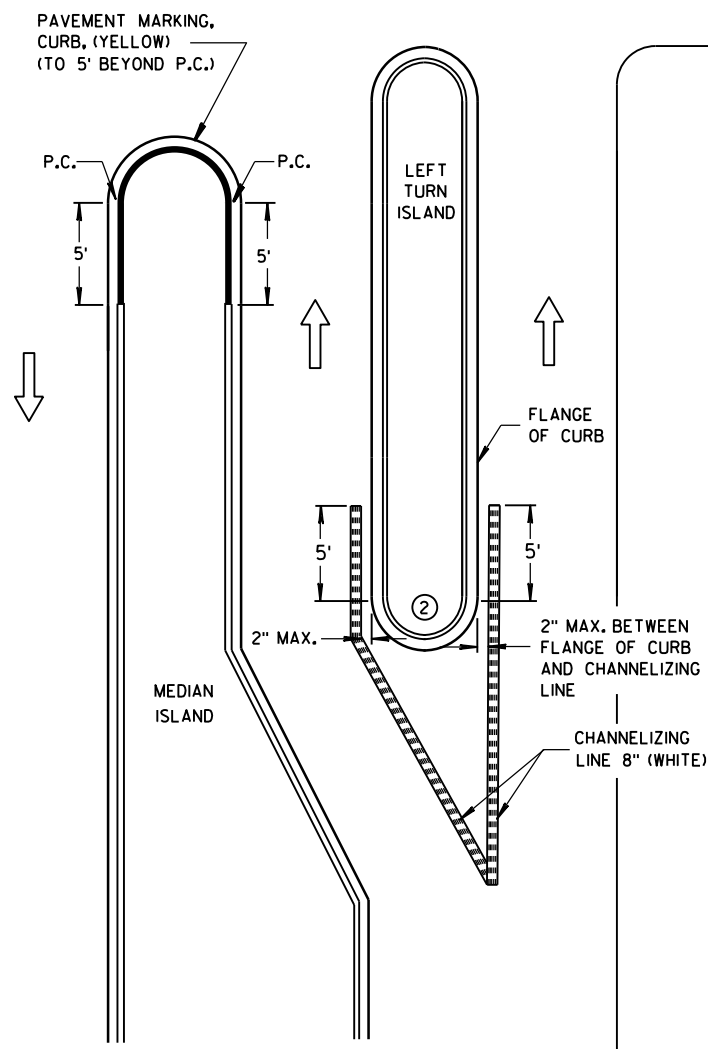


MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

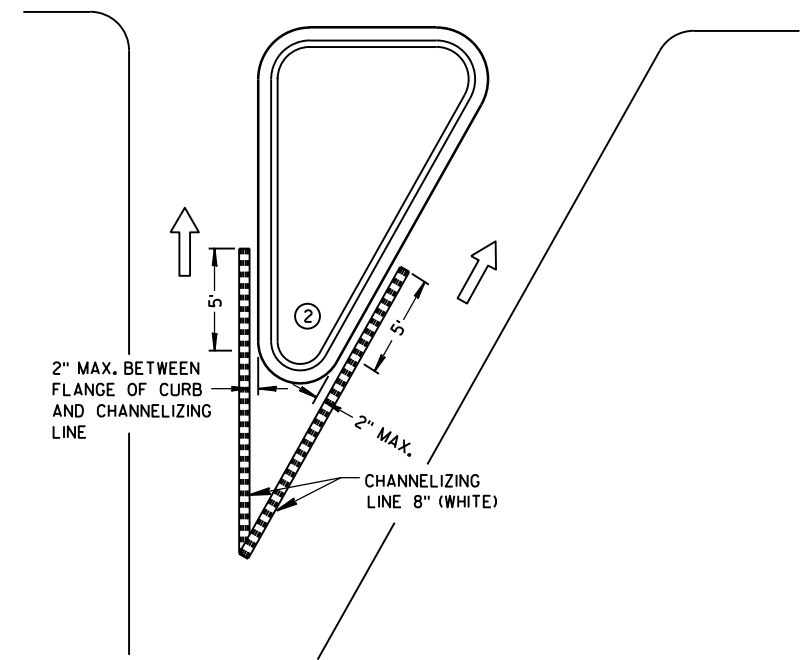
TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS



LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

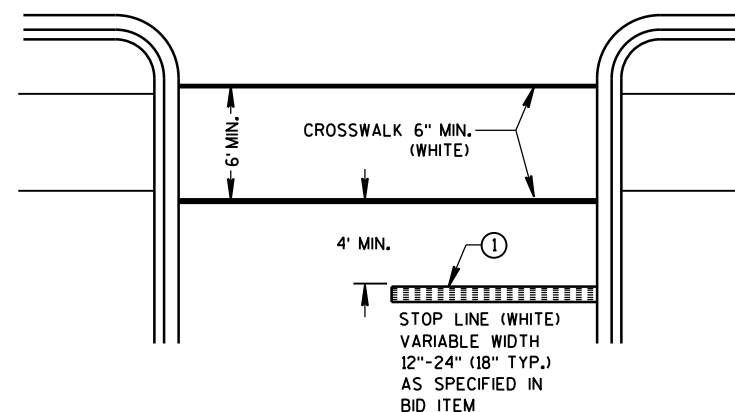
- ① STOP LINE IS REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
- ② DO NOT MARK CURB NOSES THAT SEPARATE LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION.
- ③ WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION YELLOW PAVEMENT MARKING SHALL BE APPLIED 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.



RIGHT TURN ISLAND

LEGEND

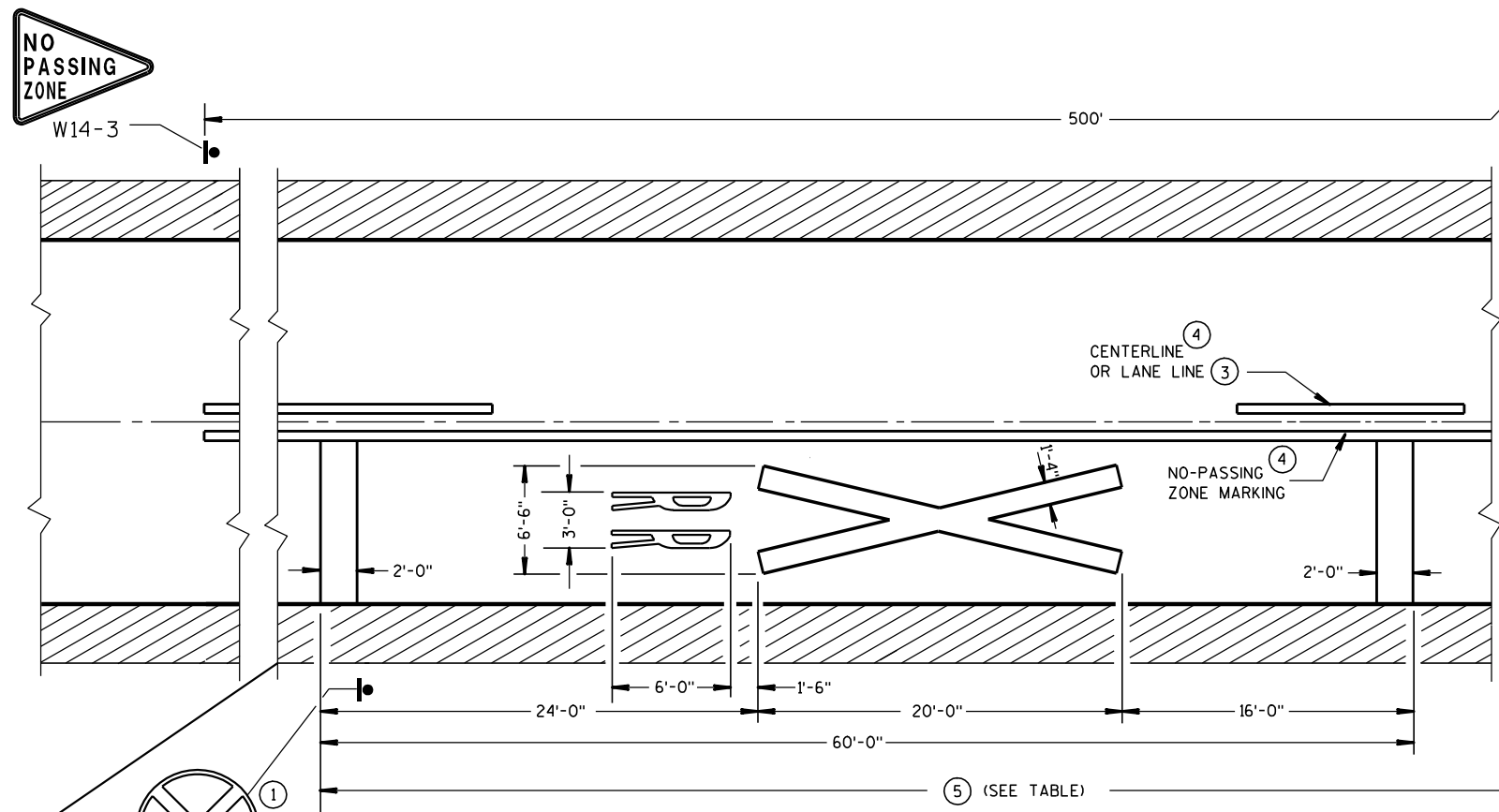
- ISLAND NOSE MARKING
- CURB MARKING
- CORRUGATED MEDIAN MARKING
- DIRECTION OF TRAVEL



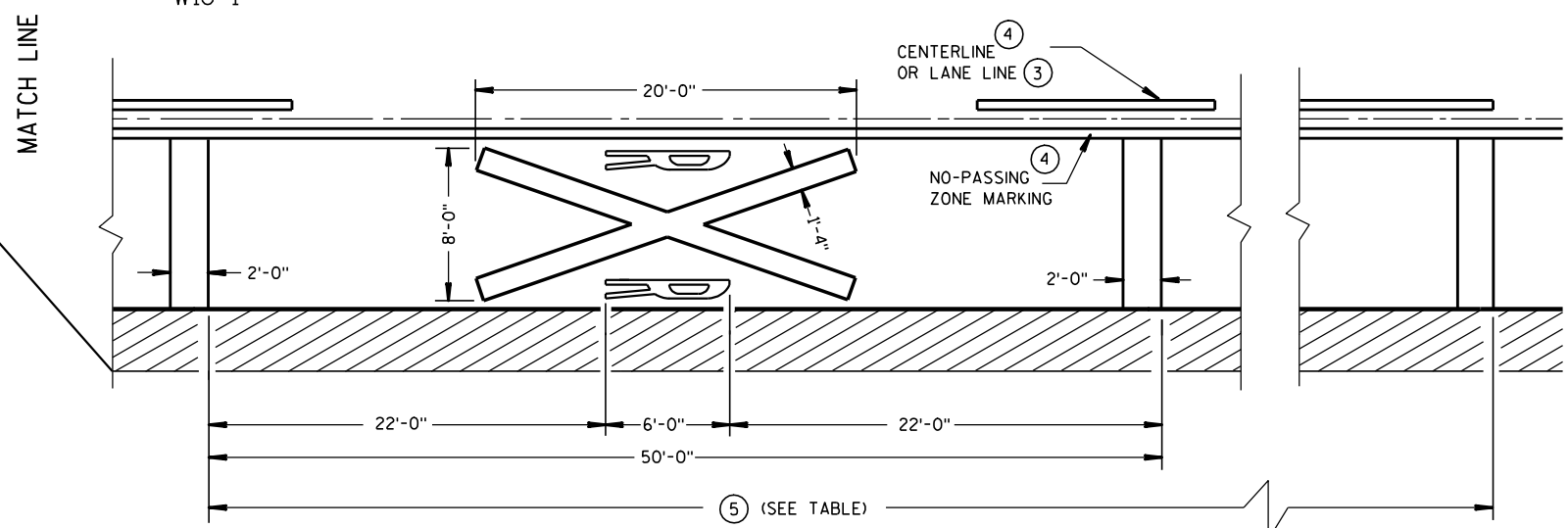
STOP LINE AND CROSSWALK

PAVEMENT MARKING (ISLANDS, STOP LINE & CROSS WALK)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



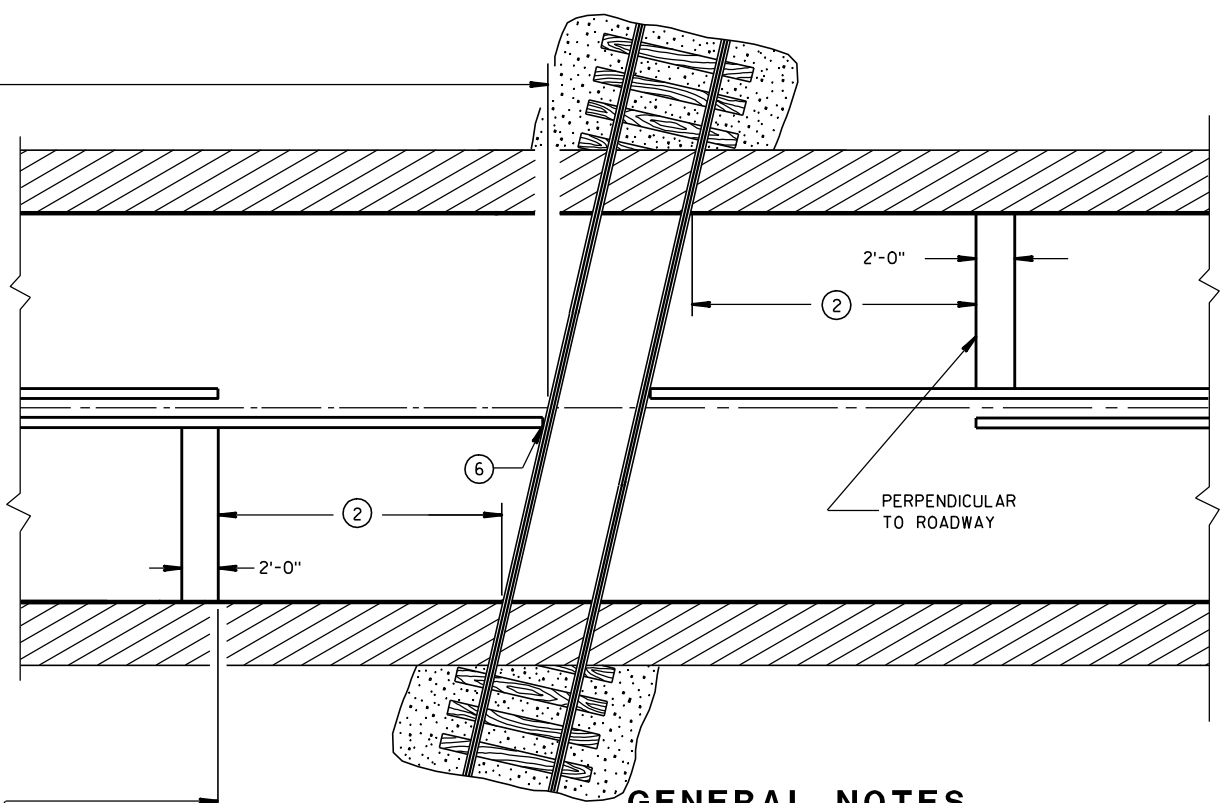
PREFERRED PAVEMENT MARKING



ALTERNATE PAVEMENT MARKING

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 CLOSE PROXIMITY OF DRIVEWAYS, BRIDGES, SIDEROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.



GENERAL NOTES

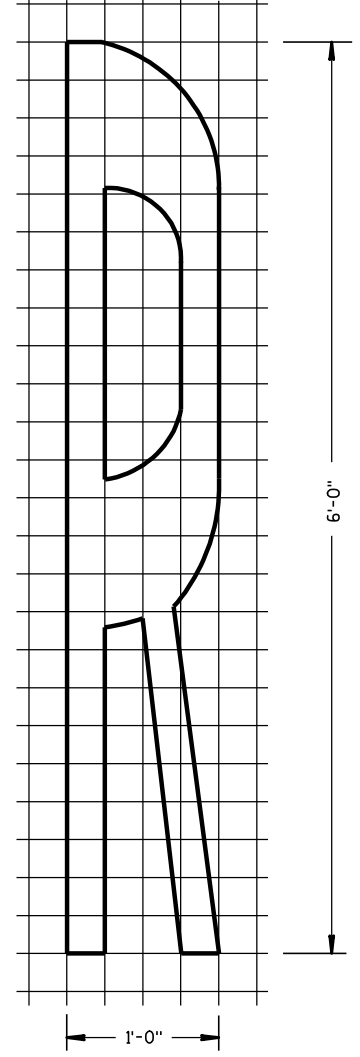
DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

A THREE-LANE ROADWAY SHOULD BE MARKED WITH A CENTERLINE FOR TWO-LANE APPROACH OPERATION ON THE APPROACH TO A CROSSING.

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. ALL LETTERS AND SYMBOLS SHALL BE IN CONFORMANCE WITH THE "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" (ADOPTED BY THE FEDERAL HIGHWAY ADMINISTRATION).

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

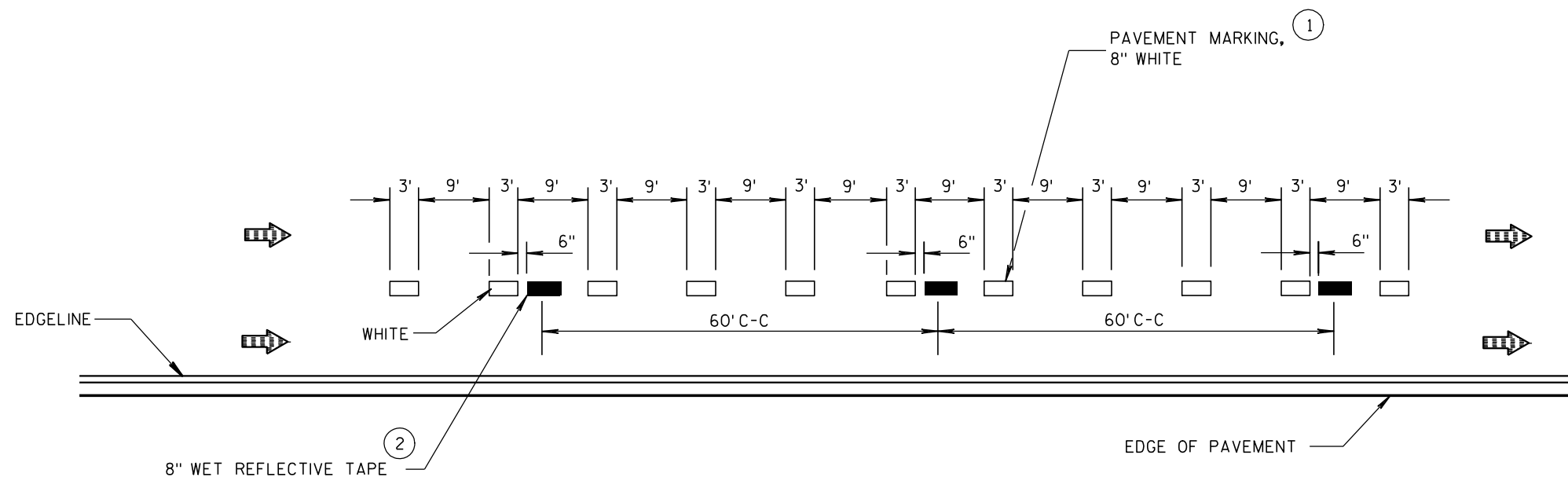
- ① A PORTION OF THE PAVEMENT MARKING SYMBOL SHOULD BE DIRECTLY OPPOSITE THE ADVANCE WARNING SIGN (W10-1).
- ② MINIMUM 8' FROM ANY RAILROAD WARNING DEVICES (SIGNALS, GATES, ETC.) OR 25' FROM THE NEAREST RAIL, WHICHEVER DISTANCE IS GREATER.
- ③ REFLECTIVE WHITE.
- ④ REFLECTIVE YELLOW 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.
- ⑤ TABLE BASED UPON 2C-4 WISCONSIN SUPPLEMENT OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- ⑥ FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.



**SIGNING AND PAVEMENT MARKING
DETAILS FOR RAILROAD-HIGHWAY
GRADE CROSSINGS**

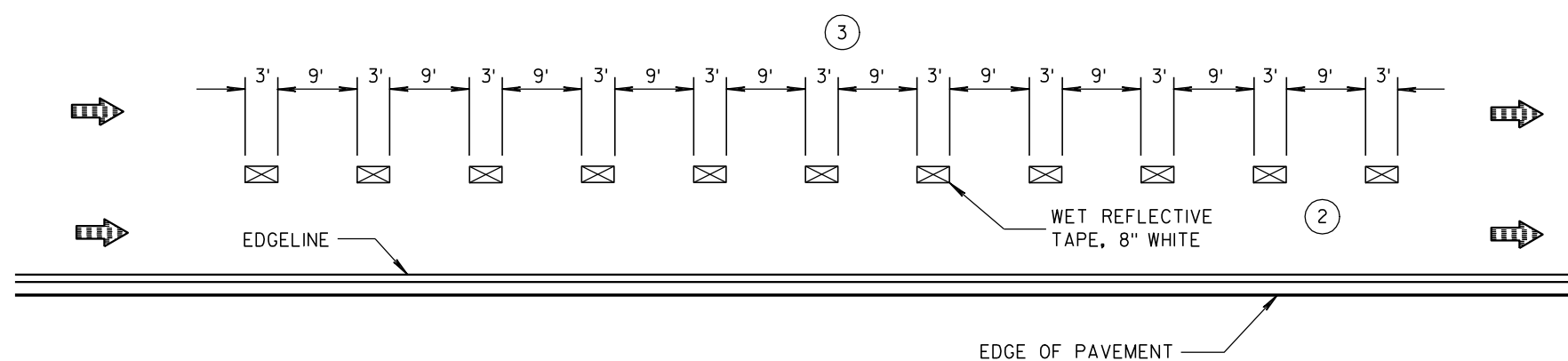
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
1-9-2012 /S/ Thomas N. Notbohm
DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA







GENERAL NOTES

- ① 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE. RETRACE EXISTING 4" MARKING WITH 8" MARKING.
- ② REPLACE SAME 4" WET REFLECTIVE TAPE WHERE EXISTING 4" TAPE IS IN PLACE.
- ③ 3' LINE 9' GAP, EXCEPT REPLACE THE EXISTING LINE - GAP PATTERN AND WIDTH OF TAPE WHERE EXISTING TAPE IS IN PLACE.




DROP LANE DETAIL FOR NEW WET REFLECTIVE TAPE INSTALLATIONS

LEGEND


- | | |
|---|---|
|  | 2.0' LENGTH OF WET REFLECTIVE TAPE |
|  | 3.0' LENGTH OF WET REFLECTIVE TAPE |
|  | DROP LANE MARKING SPRAYED OR
NON WET REFLECTIVE TAPE |
|  | DIRECTION OF TRAFFIC |

TWO-LANE ROADWAY


SYMBOLS



WORK AREA



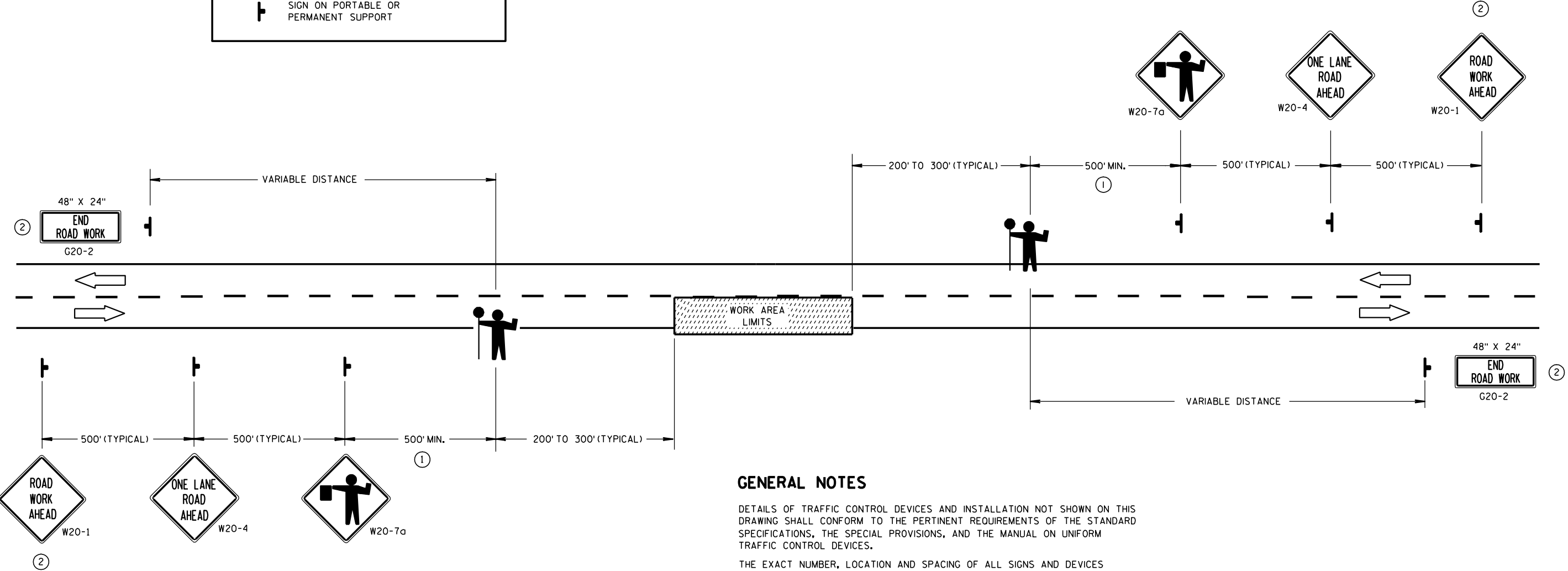
FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF



SIGN ON PORTABLE OR PERMANENT SUPPORT



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



GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, THE "FLAGGER AHEAD", THE "ROAD WORK AHEAD" AND THE ONE LANE ROAD AHEAD" SIGNS SHALL BE COVERED OR REMOVED AND THE HIGHWAY RESTORED TO NORMAL OPERATION.

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

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

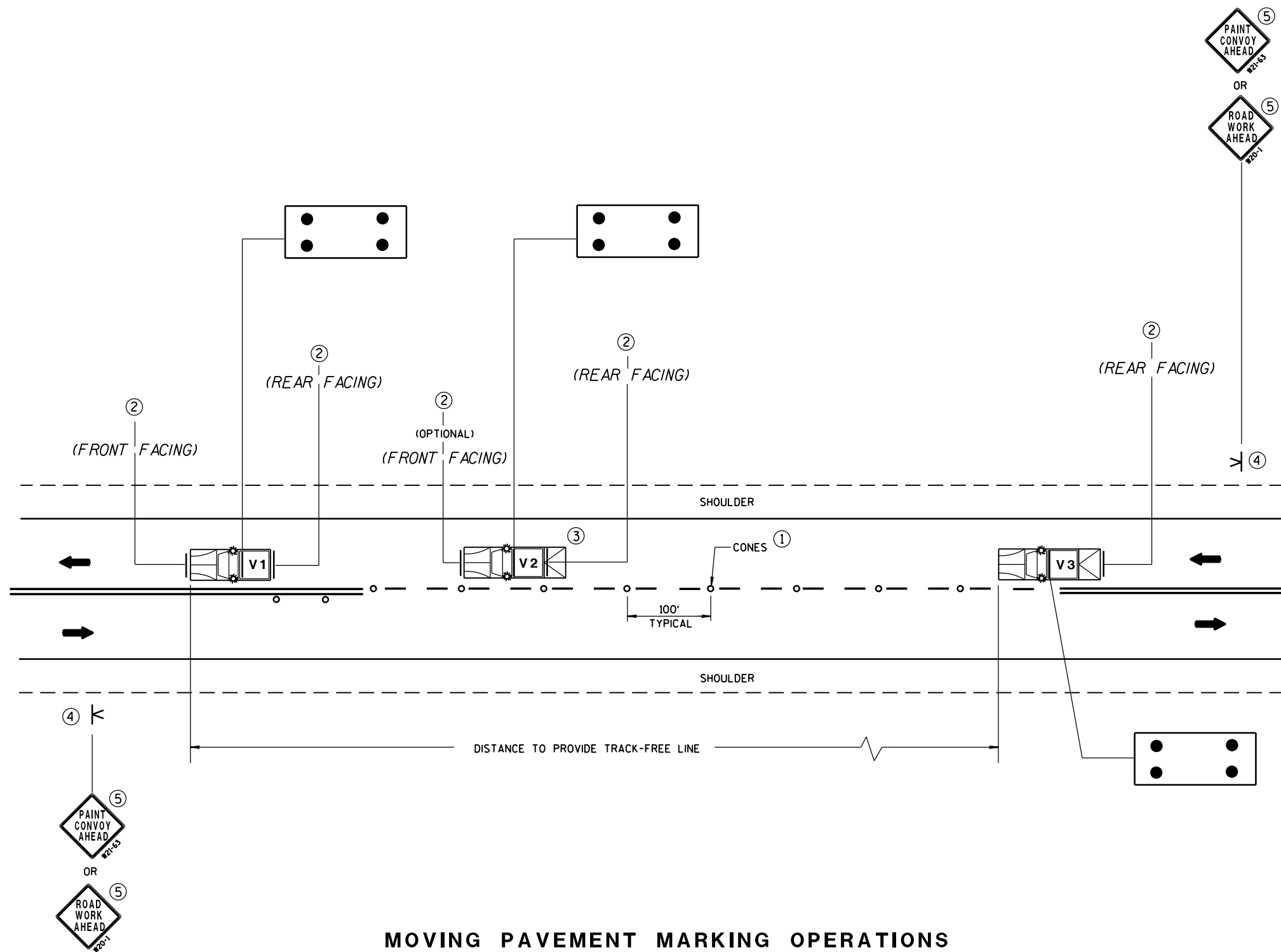
TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
9/5/06
DATE

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

FHWA



MOVING PAVEMENT MARKING OPERATIONS TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

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

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

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

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

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

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

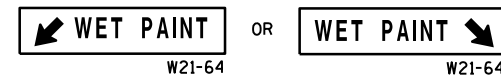
THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGE LINE 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

K SIGN ON PORTABLE SUPPORT

→ DIRECTION OF TRAVEL

o CONES

⬢ FLASHING ARROW PANEL (CAUTION)

MOVING PAVEMENT MARKING
OPERATION
TWO-LANE TWO-WAY ROADWAY

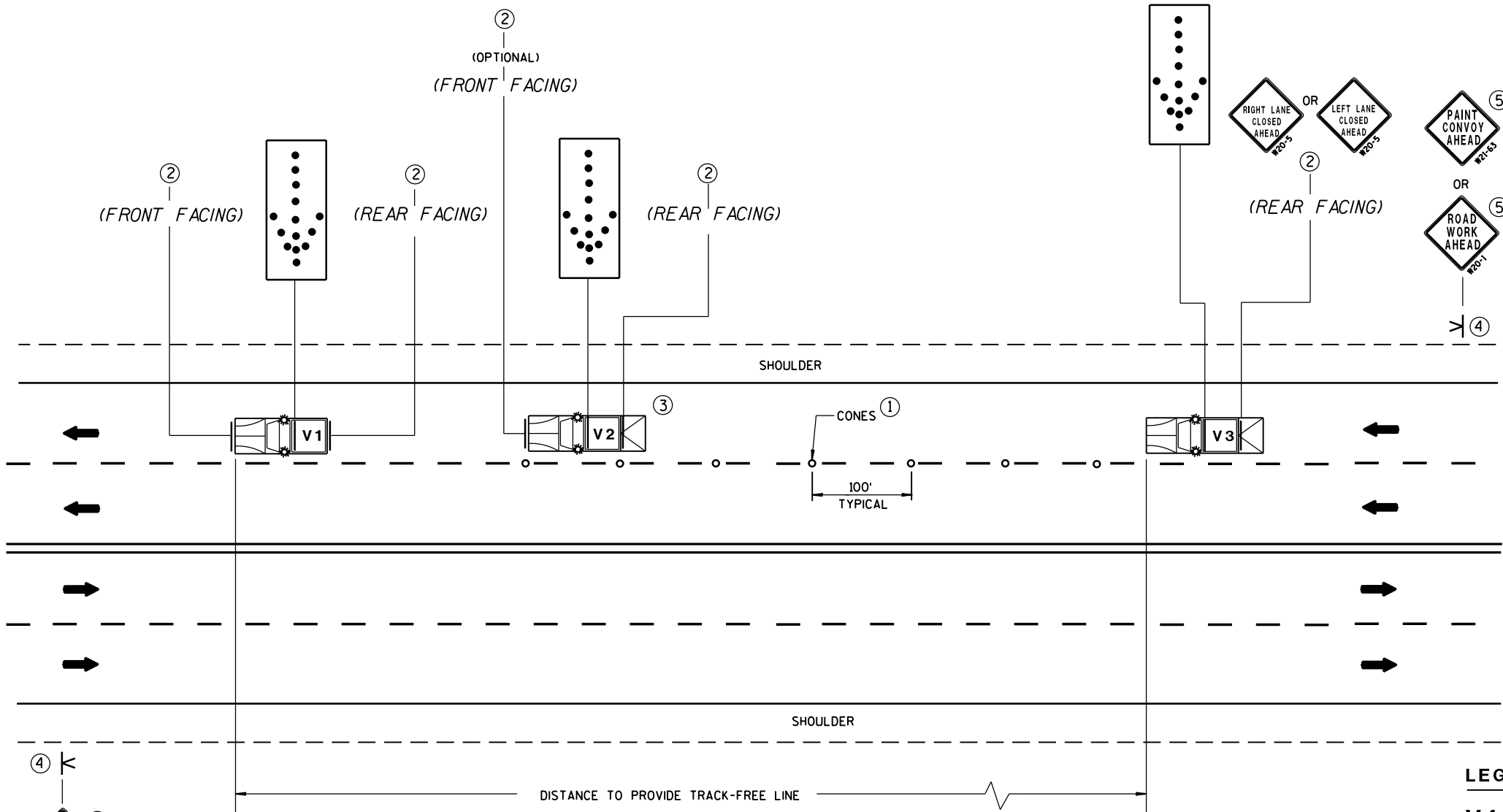
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

12/6/2011
DATE

FHWA

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



MOVING PAVEMENT MARKING OPERATIONS
MULTI-LANE UNDIVIDED ROADWAY

LEGEND

- V1 LEAD VEHICLE
- V2 SHADOW VEHICLE
- V3 TRAIL VEHICLE WITH TMA
- TMA TRUCK-MOUNTED ATTENUATOR
- Sign on portable support
- DIRECTION OF TRAVEL
- CONES
- FLASHING ARROW PANEL (MERGE)

GENERAL NOTES

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

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

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

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.

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

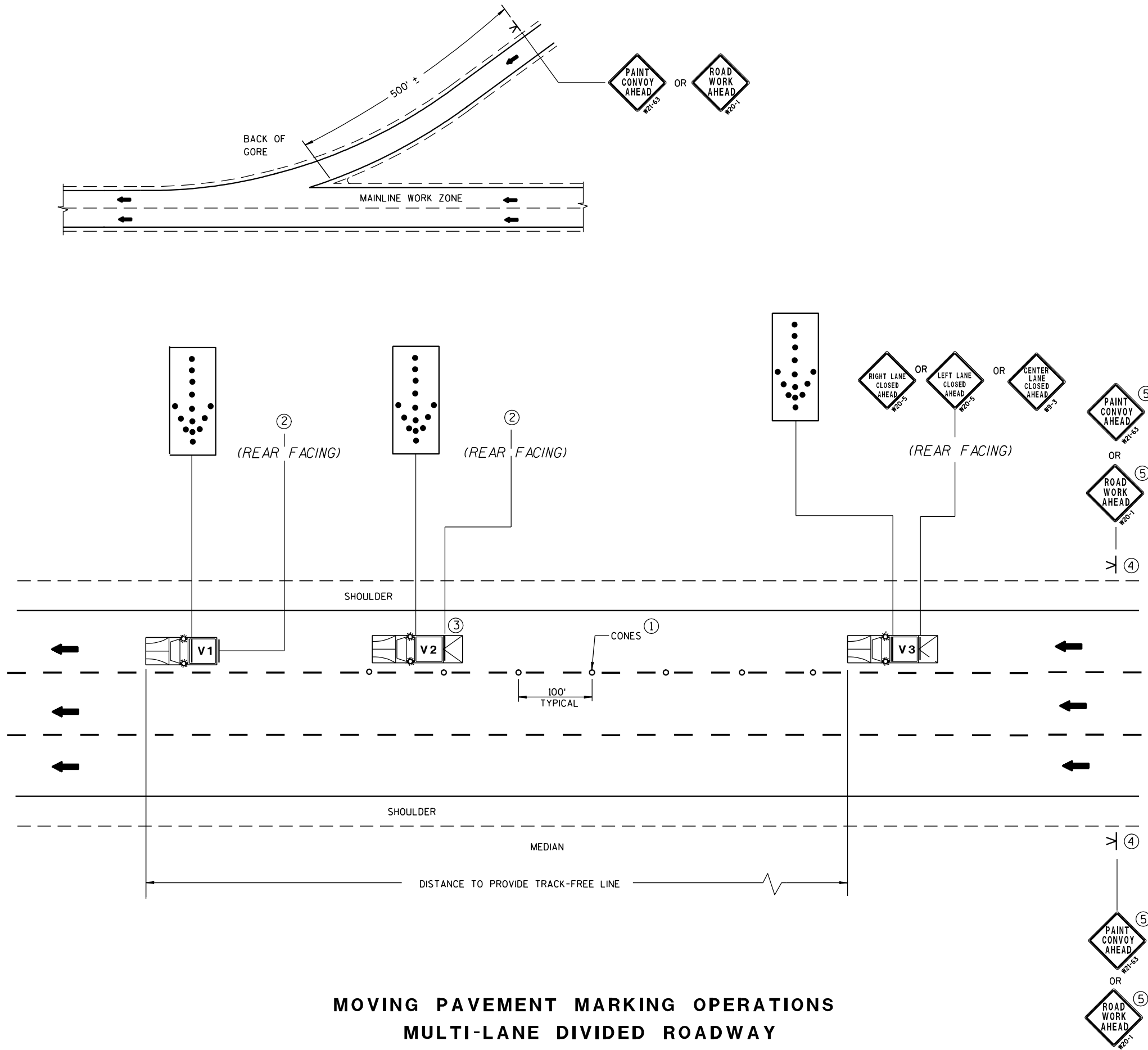
THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE OR LANELINE MARKING FOR MULTILANE UNDIVIDED ROADWAYS.

- 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.
WET PAINT W21-64 OR WET PAINT W21-64
- 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.

MOVING PAVEMENT MARKING
OPERATION
MULTI-LANE UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12/6/2011 /S/ Thomas N. Notbohm
DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA



MOVING PAVEMENT MARKING OPERATIONS
MULTI-LANE DIVIDED 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 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 OPTIONAL TRUCK-MOUNTED ATTENUATOR.
- ④ SIGNS SHALL BE REPEATED AFTER EVERY ON RAMP OR EVERY THREE MILES.
- ⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

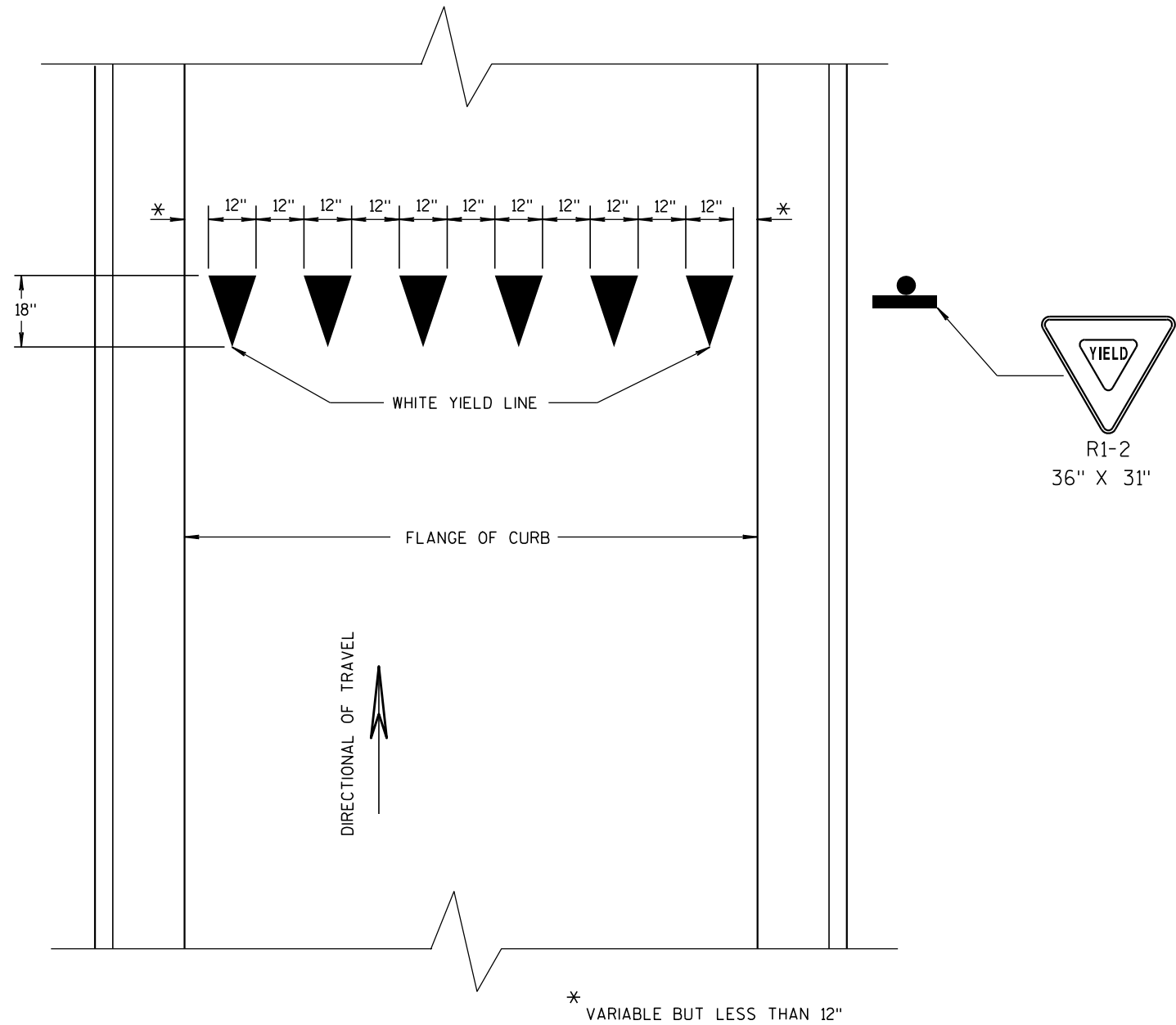
LEGEND

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

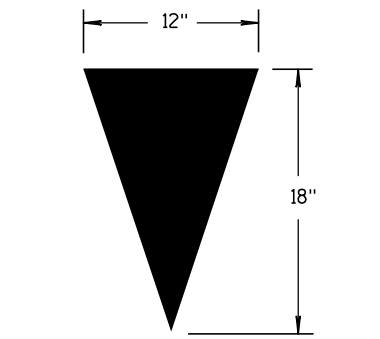
MOVING PAVEMENT MARKING
OPERATION
MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12/6/2011 /S/ Thomas N. Notbohm
DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA



YIELD LINE



YIELD TRIANGLE

YIELD MARKINGS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 1/28/05 DATE	/S/ Thomas N. Notbohm STATE TRAFFIC ENGINEER OF DESIGN
FHWA	

GENERAL NOTES

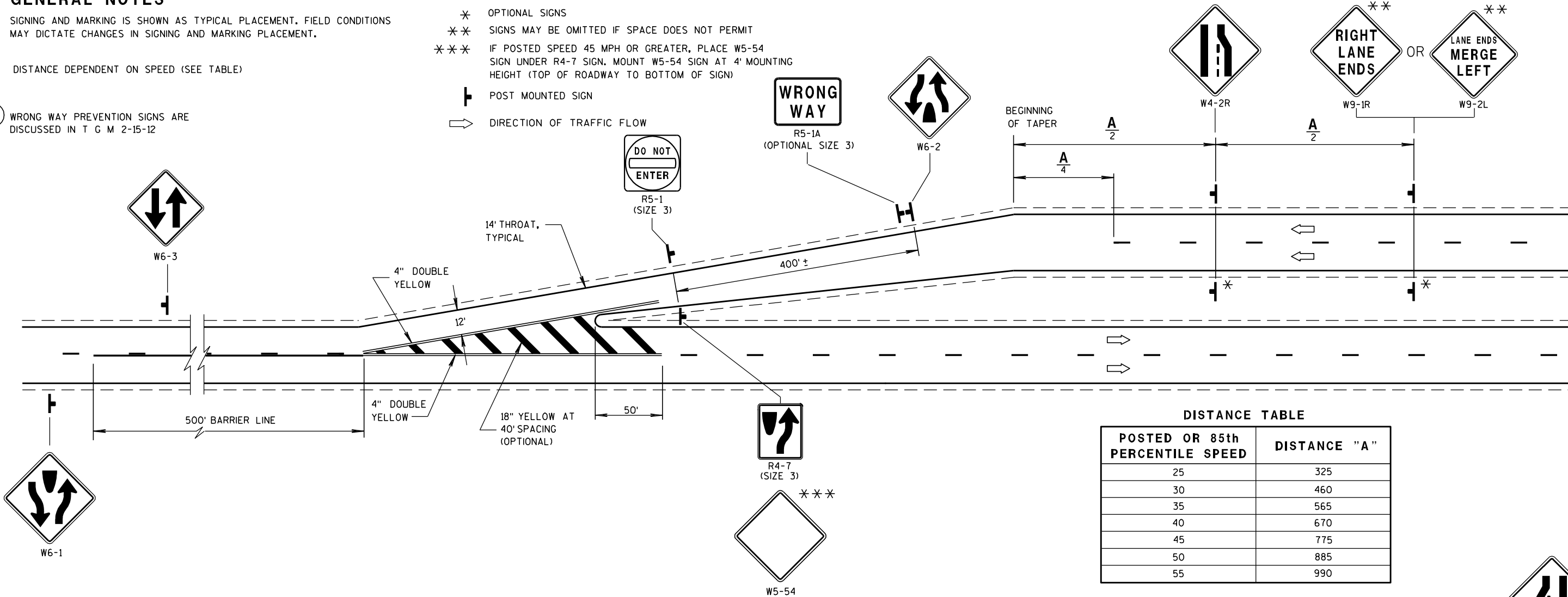
SIGNING AND MARKING IS SHOWN AS TYPICAL PLACEMENT. FIELD CONDITIONS MAY DICTATE CHANGES IN SIGNING AND MARKING PLACEMENT.

A DISTANCE DEPENDENT ON SPEED (SEE TABLE)

1 WRONG WAY PREVENTION SIGNS ARE DISCUSSED IN T G M 2-15-12

SYMBOLS

- * OPTIONAL SIGNS
- ** 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

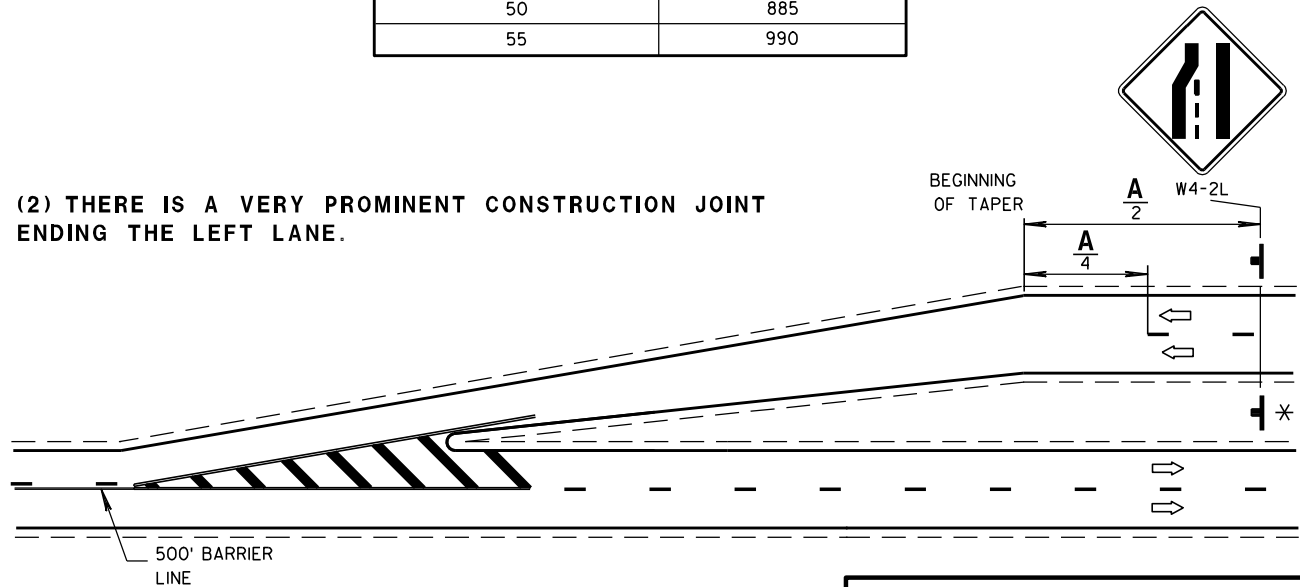
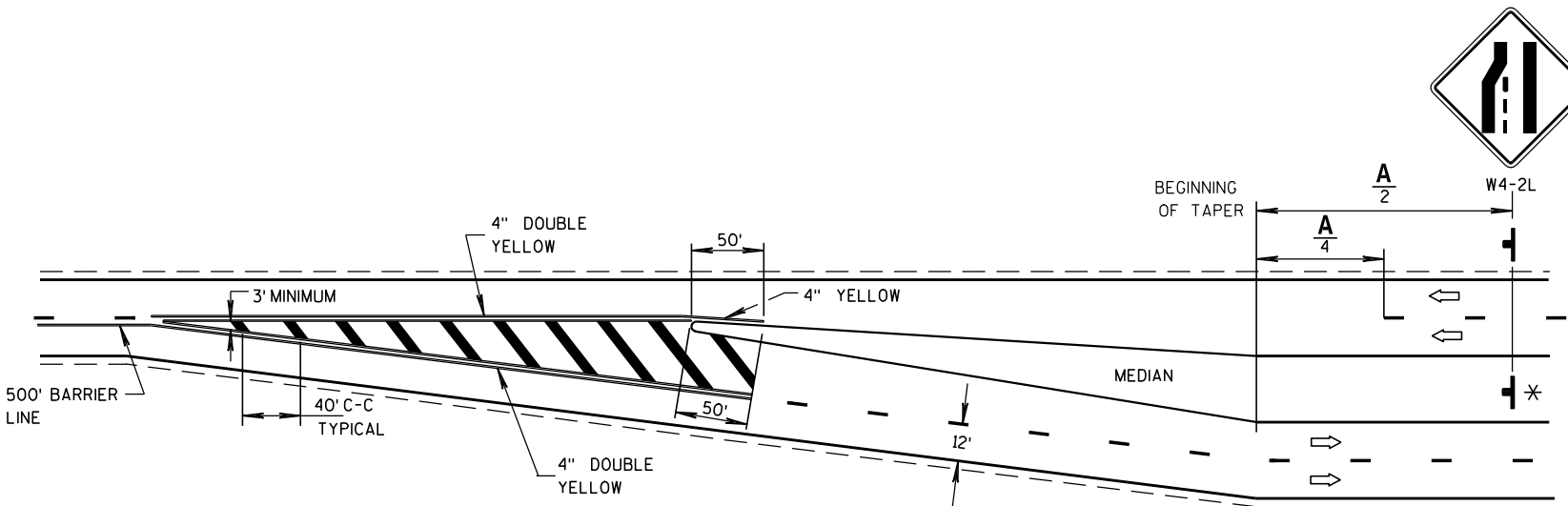
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
25	325
30	460
35	565
40	670
45	775
50	885
55	990

(1) THE LEFT LANE IS PUSHED TO THE RIGHT:

USE W4-2L IF :

OR

(2) THERE IS A VERY PROMINENT CONSTRUCTION JOINT ENDING THE LEFT LANE.



SIGNING AND MARKING
TWO LANE TO FOUR LANE
DIVIDED TRANSITIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

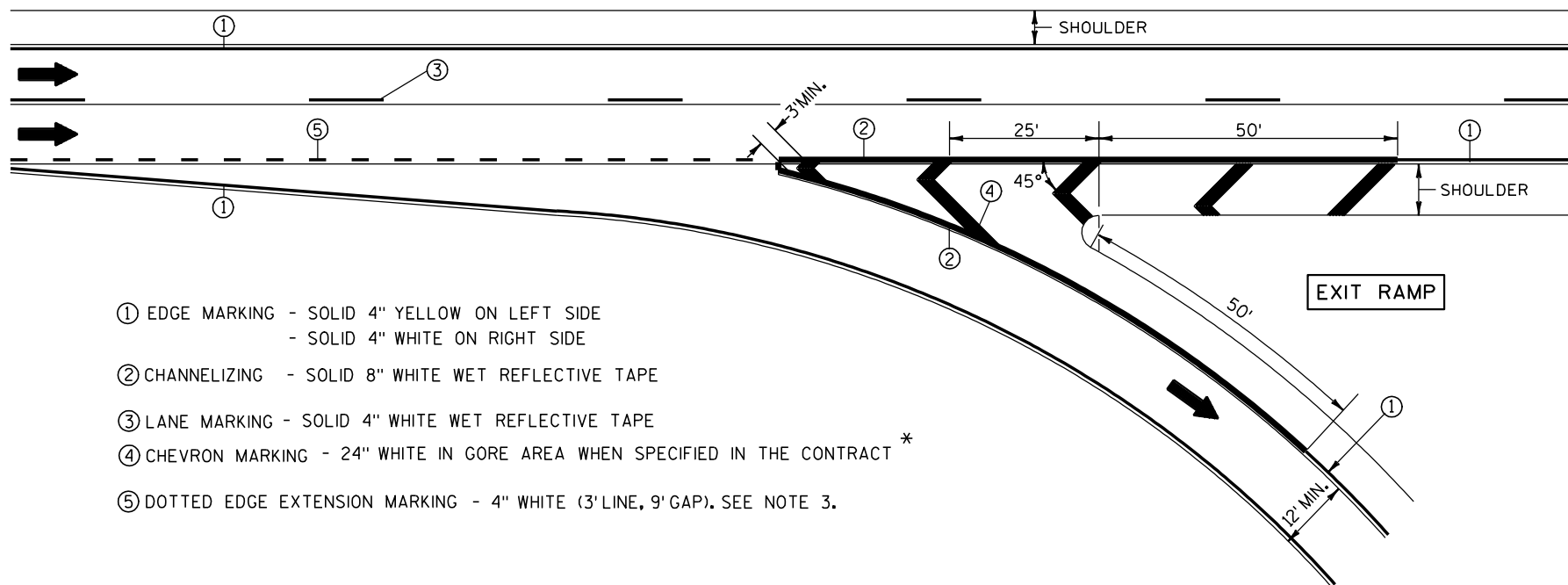
APPROVED

8/27/2011

DATE

FHWA

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

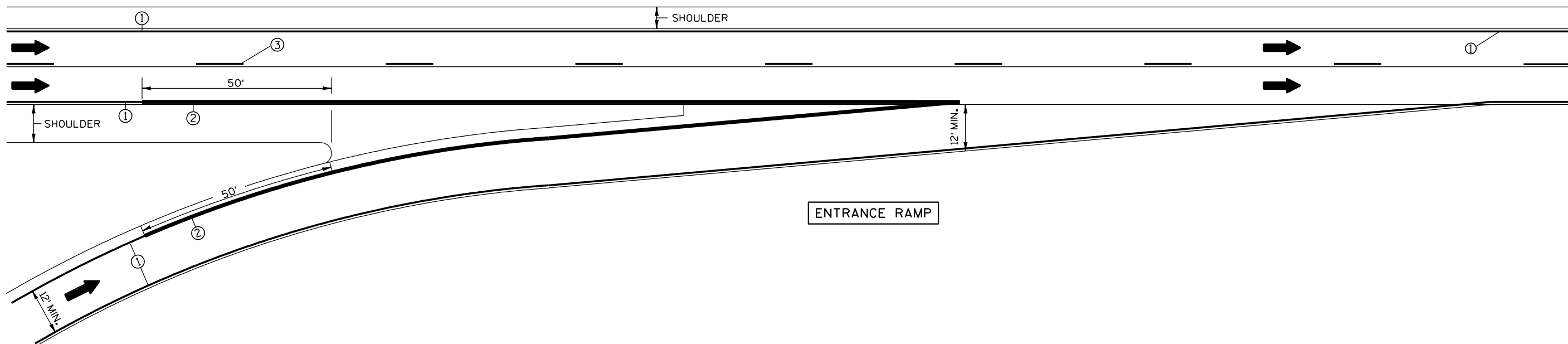


- ① EDGE MARKING - SOLID 4" YELLOW ON LEFT SIDE
- SOLID 4" WHITE ON RIGHT SIDE
- ② CHANNELIZING - SOLID 8" WHITE WET REFLECTIVE TAPE
- ③ LANE MARKING - SOLID 4" WHITE WET REFLECTIVE TAPE
- ④ CHEVRON MARKING - 24" WHITE IN GORE AREA WHEN SPECIFIED IN THE CONTRACT *
- ⑤ DOTTED EDGE EXTENSION MARKING -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

NOTES:

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

* REFER TO DESIGN NOTES.



PAVEMENT MARKING
(RAMPS AND GORES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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