

DNR LIAISON

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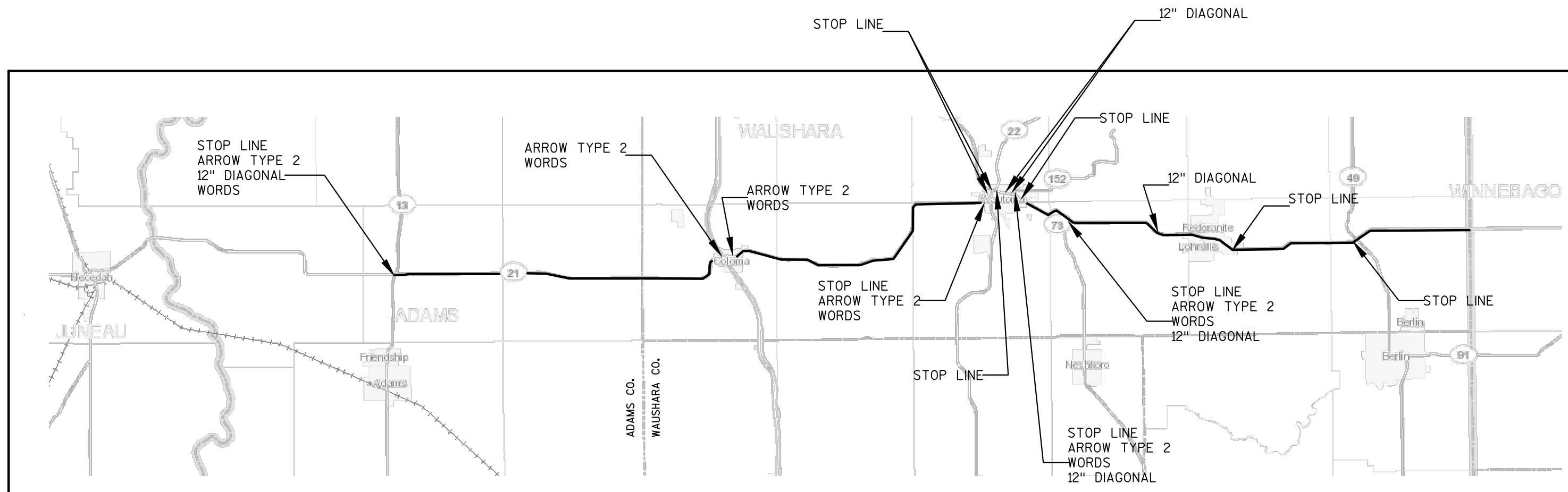
GENERAL NOTES

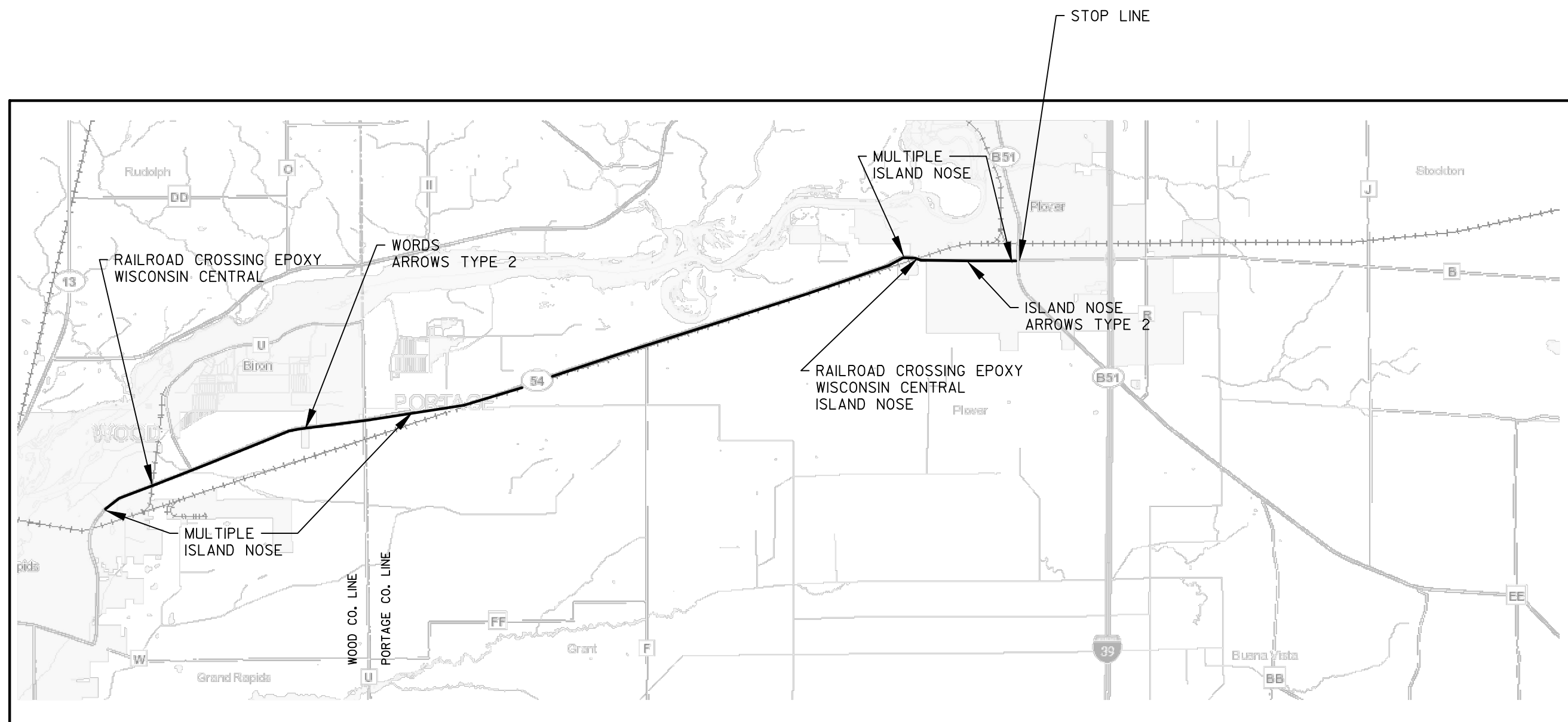
THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS.

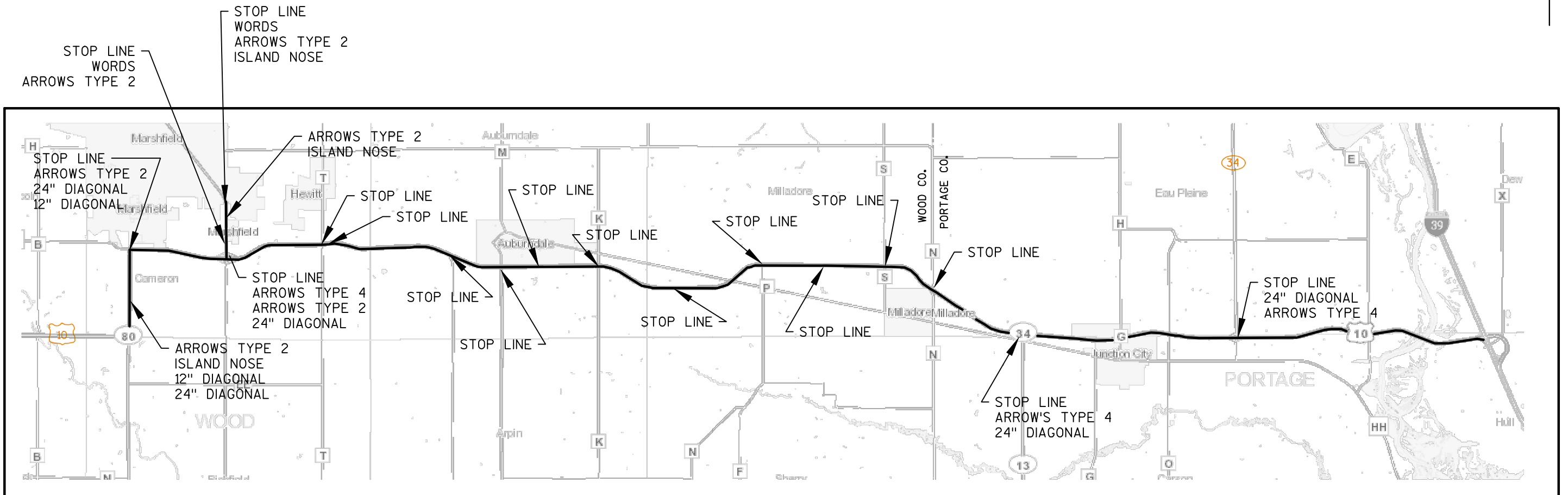
DIGGERSHOTLINE

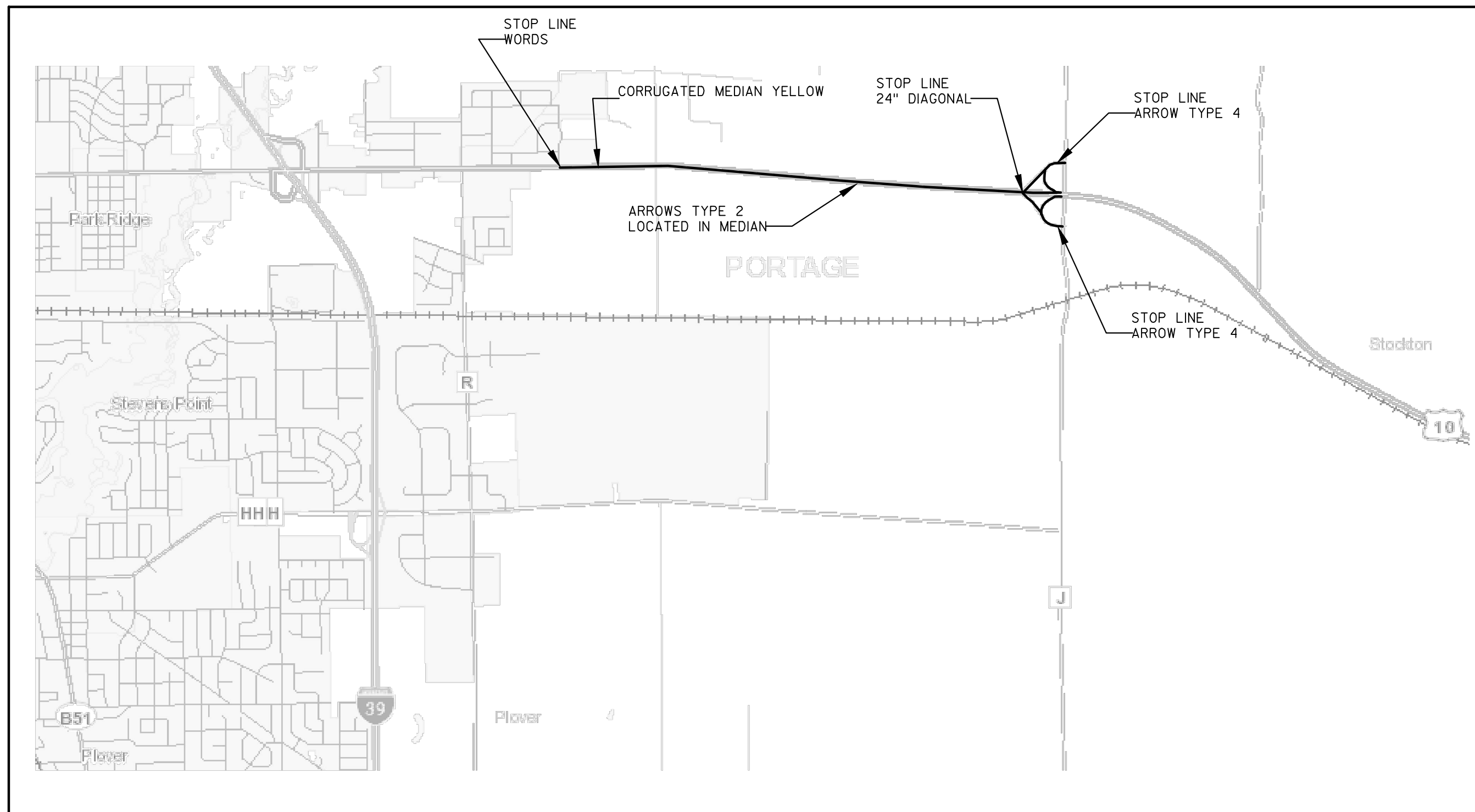
Dial 811 or (800)242-8511

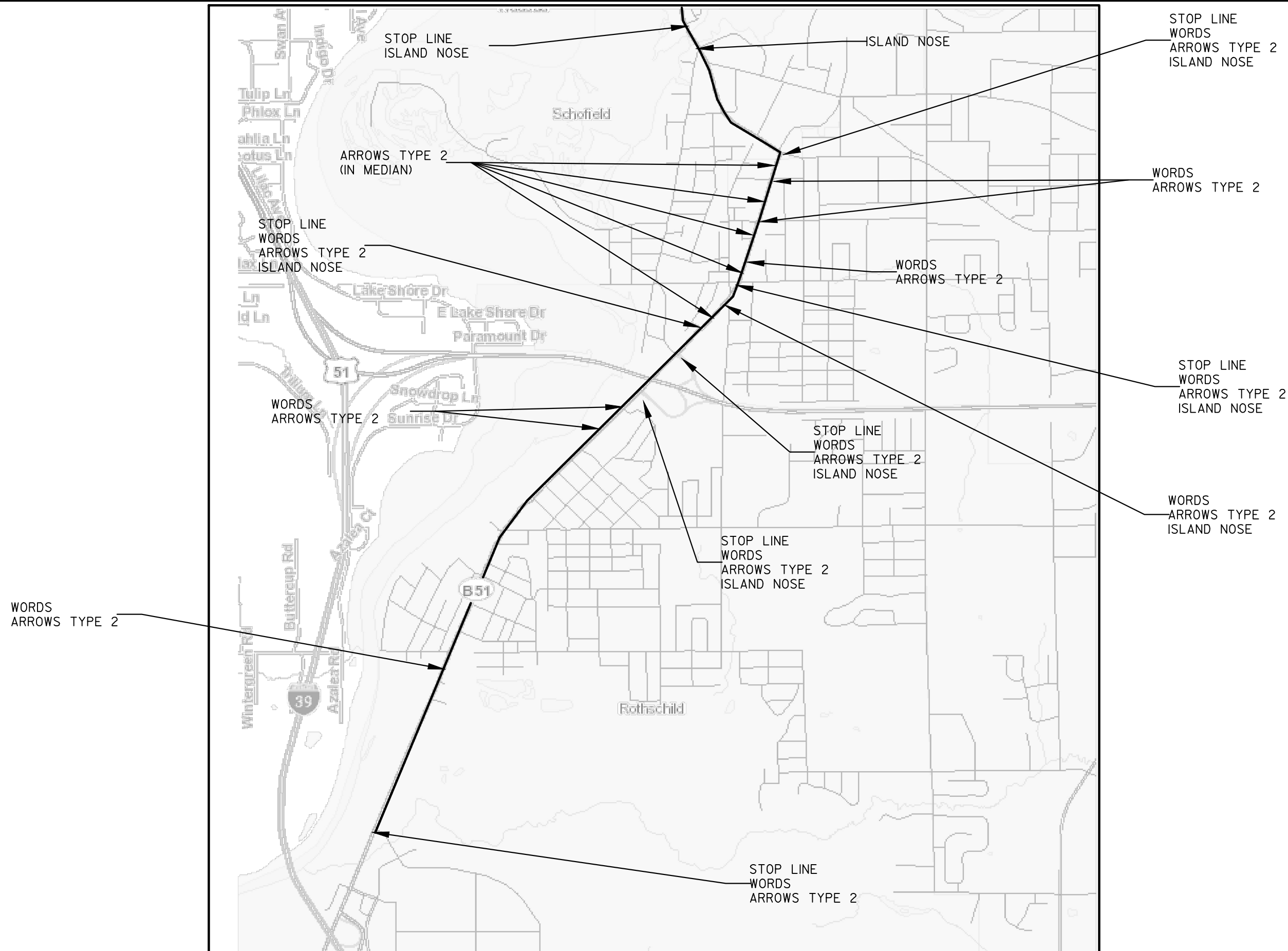
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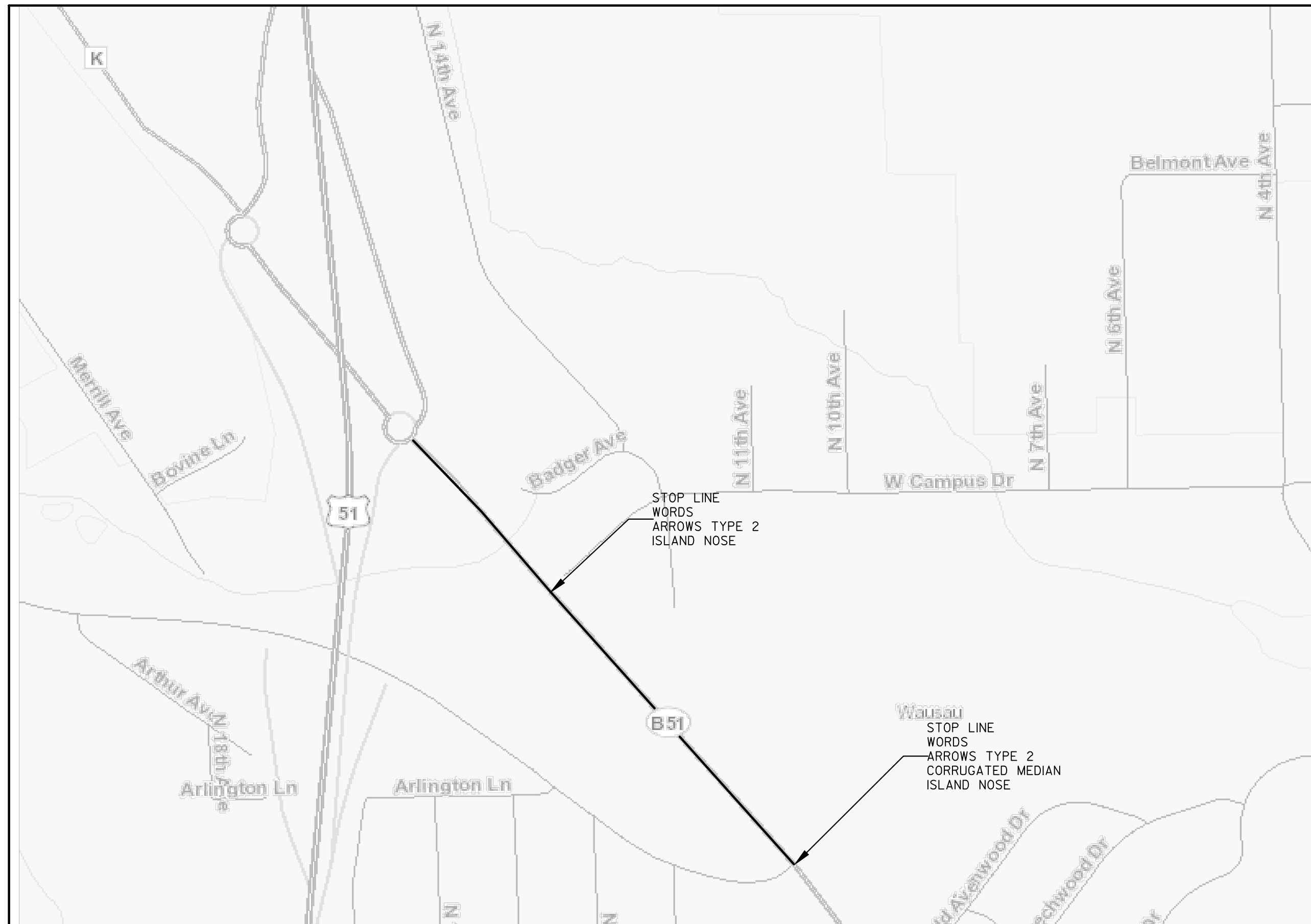


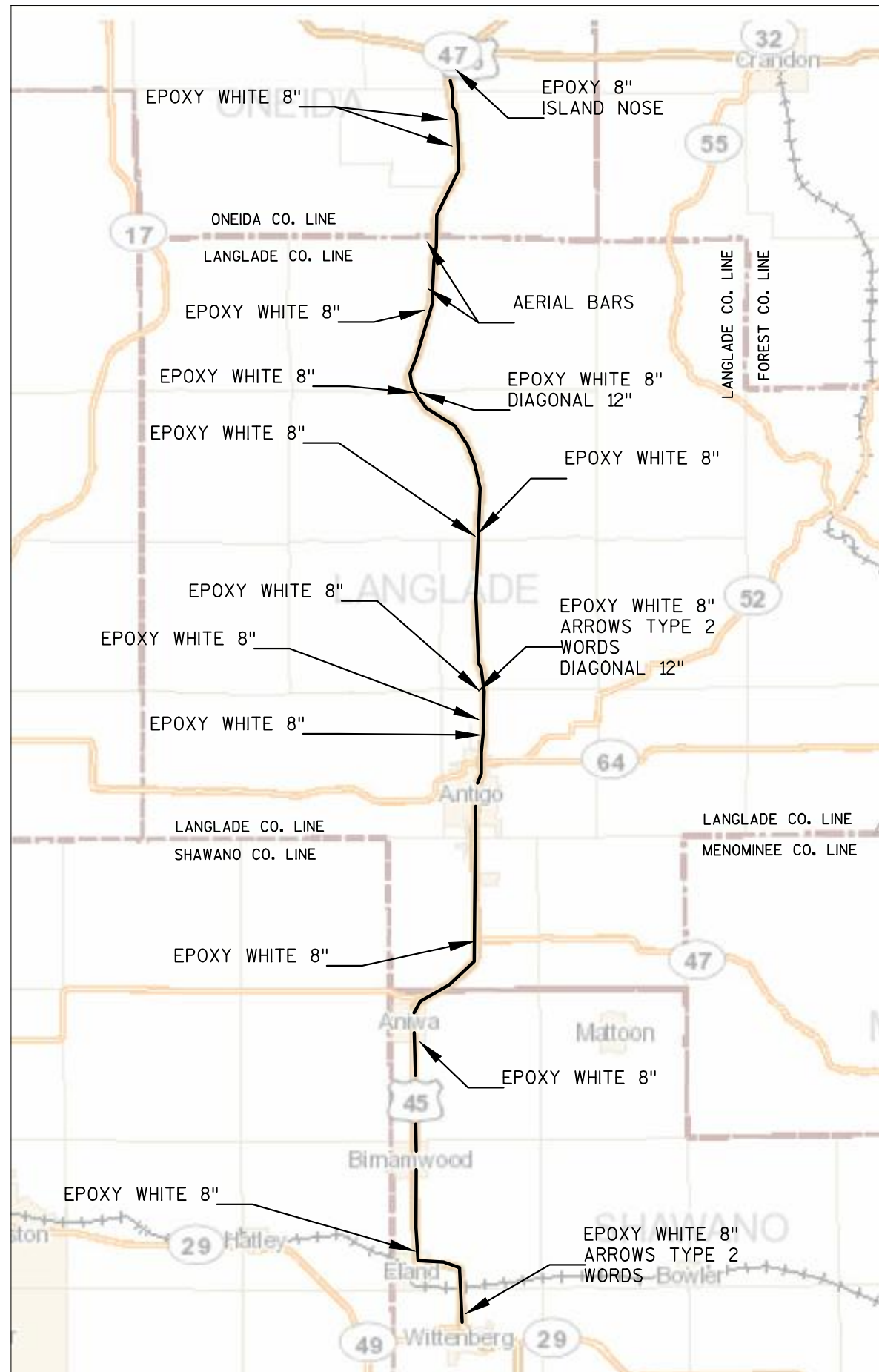


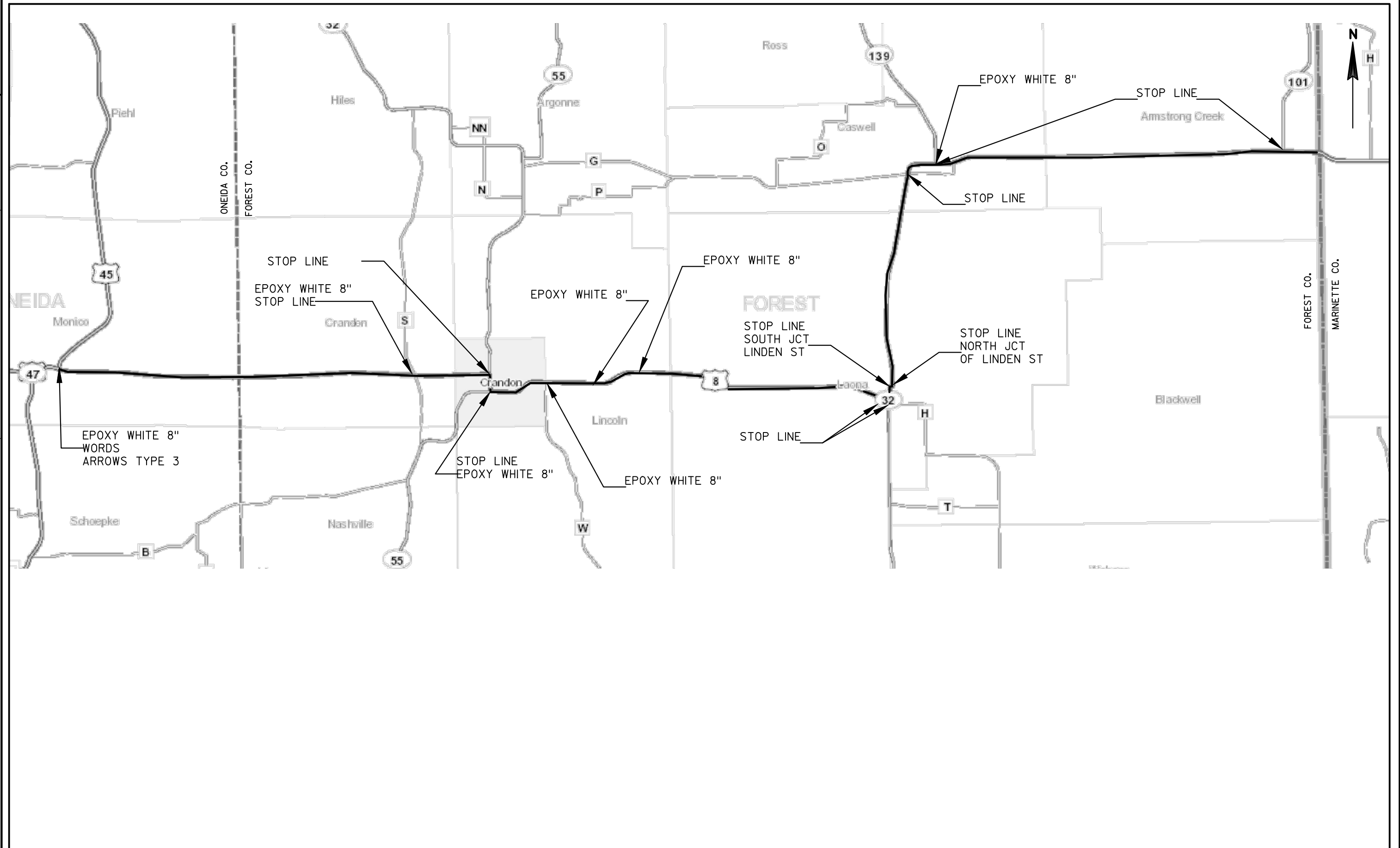












Estimate Of Quantities

1009-42-45					
Line	Item	Item Description	Unit	Total	Qty
0010	619.1000	Mobilization	EACH	1.000	1.000
0020	643.0100	Traffic Control (project) 01.1009-42-45	EACH	1.000	1.000
0030	646.0106	Pavement Marking Epoxy 4-Inch	LF	2,919,790.000	2,919,790.000
0040	646.0126	Pavement Marking Epoxy 8-Inch	LF	53,506.000	53,506.000
0050	647.0110	Pavement Marking Railroad Crossings Epoxy	EACH	8.000	8.000
0060	647.0166	Pavement Marking Arrows Epoxy Type 2	EACH	205.000	205.000
0070	647.0176	Pavement Marking Arrows Epoxy Type 3	EACH	2.000	2.000
0080	647.0186	Pavement Marking Arrows Epoxy Type 4	EACH	6.000	6.000
0090	647.0356	Pavement Marking Words Epoxy	EACH	71.000	71.000
0100	647.0566	Pavement Marking Stop Line Epoxy 18-Inch	LF	2,806.000	2,806.000
0110	647.0606	Pavement Marking Island Nose Epoxy	EACH	128.000	128.000
0120	647.0726	Pavement Marking Diagonal Epoxy 12-Inch	LF	4,876.000	4,876.000
0130	647.0746	Pavement Marking Diagonal Epoxy 24-Inch	LF	882.000	882.000
0140	647.0803	Pavement Marking Aerial Enforcement Bars Epoxy 24-Inch	LF	120.000	120.000
0150	647.0856	Pavement Marking Concrete Corrugated Median Epoxy	SF	600.000	600.000
0160	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	150.000	150.000
0170	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	300.000	300.000

PAVEMENT MARKING (WOOD & PORTAGE COUNTIES)										
		646.0106		646.0126	647.0110	647.0166	647.0356	647.0566	647.0606	
		EPOXY		EPOXY	EPOXY	ARROWS	WORDS	STOP LINE	EPOXY	
		4-INCH		8-INCH	R/R	TYPE 2	EPOXY	EPOXY	18-INCH	
		YELLOW	WHITE	WHITE	CROSSING	WHITE	WHITE	WHITE	YELLOW	
LOCATION		LF	LF	LF	EACH	EACH	EACH	LF	EACH	REMARKS
WOOD CO	STH 54 (WOOD AND PORTAGE CO)	114,819	148,925	---	---	---	---	---	---	MAINLINE
WOOD CO	STH 54 (26 TH)	---	---	---	---	---	---	---	1	INTERSECTION
WOOD CO	STH 54 (26 TH TO 32 ND IN THE MEDDIAN)	---	---	---	---	---	---	---	7	MAINLINE
WOOD CO	STH 54 (32 ND)	---	---	235	---	---	---	---	2	INTERSECTION
WOOD CO	STH 54 (R/R)	---	---	---	4	---	---	---	2	MAINLINE EB & WB
WOOD CO	STH 54 (36 TH)	---	---	100	---	---	---	---	2	INTERSECTION
WOOD CO	STH 54 (37 TH)	---	---	100	---	---	---	---	2	INTERSECTION
WOOD CO	STH 54 (40 TH)	---	---	110	---	---	---	---	2	INTERSECTION
WOOD CO	STH 54 (42 ND)	---	---	90	---	---	---	---	2	INTERSECTION
WOOD CO	STH 54 (32 ND / 48TH IN THE MEDDIAN)	---	---	---	---	---	---	---	24	MAINLINE
WOOD CO	STH 54 (48 TH)	---	---	275	---	---	---	---	2	INTERSECTION
WOOD CO	STH 54 (52 ND)	---	---	120	---	---	---	---	---	INTERSECTION
WOOD CO	STH 54 (54 TH)	---	---	140	---	---	---	---	---	INTERSECTION
WOOD CO	STH 54 (61 ST)	---	---	200	---	---	---	---	---	INTERSECTION
WOOD CO	STH 54 (64 TH & HUFFMAN)	---	---	525	---	---	---	---	---	INTERSECTION
WOOD CO	STH 54 (72 ND)	---	---	725	---	6	3	---	---	INTERSECTION
PORTAGE CO	STH 54 (84 TH)	---	---	140	---	---	---	---	---	INTERSECTION
PORTAGE CO	STH 54 (90 TH)	---	---	160	---	---	---	---	---	INTERSECTION
PORTAGE CO	STH 54 (100 TH)	---	---	160	---	---	---	---	---	INTERSECTION
PORTAGE CO	STH 54 (PLANT ENTRANCE)	---	---	158	---	---	---	---	---	INTERSECTION
PORTAGE CO	STH 54 (110 TH)	---	---	694	---	---	---	---	---	INTERSECTION
PORTAGE CO	STH 54 (JOHNSON)	---	---	310	---	---	---	---	---	INTERSECTION
PORTAGE CO	STH 54 (CTH F & PIERCE)	---	---	550	---	---	---	---	---	INTERSECTION
PORTAGE CO	STH 54 (FOREST LAKE)	---	---	160	---	---	---	---	---	INTERSECTION
PORTAGE CO	STH 54 (MEEHAN)	---	---	170	---	---	---	---	---	INTERSECTION
PORTAGE CO	STH 54 (HAYES)	---	---	600	---	---	---	---	---	INTERSECTION
PORTAGE CO	STH 54 (MONROE)	---	---	200	---	---	---	---	---	INTERSECTION
PORTAGE CO	STH 54 (COOLIDGE)	---	---	290	---	---	---	---	---	INTERSECTION
PORTAGE CO	STH 54 (GRANT AVE)	---	---	200	---	---	---	---	2	INTERSECTION
PORTAGE CO	STH 54 (R/R)	---	---	---	4	---	---	---	---	MAINLINE EB & WB
PORTAGE CO	STH 54 (NASSAU)	---	---	470	---	---	---	---	2	INTERSECTION
PORTAGE CO	STH 54 (EVERGREEN)	---	---	100	---	---	---	---	2	MAINLINE
PORTAGE CO	STH 54 (EVERGREEN TO BIMINI)	---	---	---	---	2	---	---	---	INTERSECTION
PORTAGE CO	STH 54 (BIMINI)	---	---	460	---	---	---	---	2	MAINLINE
PORTAGE CO	STH 54 (JACKSON)	---	---	---	---	---	---	---	2	MAINLINE
PORTAGE CO	STH 54 (JACKSON TO FOREMOST)	---	---	---	---	4	---	---	2	INTERSECTION
PORTAGE CO	STH 54 (FOREMOST)	---	---	250	---	---	---	---	2	MAINLINE
PORTAGE CO	STH 54 (FOREMOST TO CLEVELAND)	---	---	---	---	2	---	---	2	INTERSECTION
PORTAGE CO	STH 54 (CLEVELAND)	---	---	225	---	---	---	---	2	MAINLINE
PORTAGE CO	STH 54 (CLEVELAND TO WILSON)	---	---	---	---	2	---	---	2	INTERSECTION
PORTAGE CO	STH 54 (WILSON/SOUTH)	---	---	220	---	2	---	---	2	INTERSECTION
PORTAGE CO	STH 54 (WILSON TO BUS 51)	---	---	---	---	4	---	---	2	INTERSECTION
PORTAGE CO	STH 54 & BUS 51	---	---	523	---	---	---	200	---	DO NOT PAINT EB RT TURN
	SUBTOTALS:	114,819	148,925	8,660						
	TOTALS:	263,744		8,660	8	22	3	200	70	

PAVEMENT MARKING (PORTAGE & WOOD COUNTIES)																
LOCATION		646.0106 EPOXY 4-INCH		646.0126 EPOXY 8-INCH	647.0166 ARROWS TYPE 2 EPOXY WHITE	647.0186 ARROWS TYPE 4 EPOXY WHITE	647.0356 WORDS EPOXY WHITE	647.0566 STOP LINE EPOXY 18-INCH	647.0606 ISLAND NOSE EPOXY	647.0726 DIAGONAL EPOXY 12-INCH		647.0746 DIAGONAL EPOXY 24-INCH		647.0856 CORRUGATED MEDIAN EPOXY	REMARKS	
		YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE	WHITE	YELLOW	YELLOW	WHITE	YELLOW	WHITE	YELLOW		
		LF	LF	LF	EACH	EACH	EACH	LF	EACH	LF	LF	LF	LF	SF		
PORTAGE COUNTY	USH 10 EB & WB (BADGER - CTH J OFF RAMP)	42,292	47,434	---	---	---	---	---	---	---	---	---	---	---	MAINLINE/TURN LANES & GORES MEDIAN TURN LANES	
PORTAGE COUNTY	USH 10 EB & WB (BADGER - CTH J OFF RAMP)	---	---	---	22	---	---	---	---	---	---	---	---	---		
PORTAGE COUNTY	USH 10 & BADGER	---	---	350	4	---	4	---	---	---	---	---	---	---		
PORTAGE COUNTY	USH 10 & BADGER	---	---	350	---	---	---	---	2	---	---	---	---	480	MEDIAN 250' EAST MEDIAN OFF RAMP	
PORTAGE COUNTY	USH 10 WB &CTH J (ON RAMP)	---	---	1,480	---	1	---	---	---	---	---	---	---	---		
PORTAGE COUNTY	USH 10 WB &CTH J (OFF RAMP)	---	---	850	---	---	---	30	---	---	---	30	---	---		
PORTAGE COUNTY	USH 10 EB &CTH J (OFF RAMP)	---	---	1,275	---	---	---	30	---	---	---	30	20	---	OFF RAMP ON RAMP MAINLINE/TURN LANES & GORES	
PORTAGE COUNTY	USH 10 EB &CTH J (ON RAMP)	---	---	---	---	1	---	---	---	---	---	---	---	---		
PORTAGE/WOOD COUNTY	USH 10 EB (KLONDIKE - EXIT GORE TO I-39 NB & SB)	164,114	166,024	---	---	---	---	---	---	---	---	---	---	---		
PORTAGE/WOOD COUNTY	USH 10 WB (EXIT GORE TO IH-39 NB & KLONDIKE)	162,980	165,135	---	---	---	---	---	---	---	---	---	---	---	MAINLINE/TURN LANES & GORES MEDIAN OFF RAMP	
WOOD COUNTY	USH 10 EB (STH 186)	---	---	---	---	---	---	30	---	---	---	---	---	---		
PORTAGE COUNTY	USH 10 EB (STH 34 &13 OFF RAMP)	---	---	---	---	1	---	32	---	---	---	---	142	---		
PORTAGE COUNTY	USH 10 EB (STH 34 NORTH OFF RAMP)	---	---	---	---	1	---	32	---	---	---	---	142	---	OFF RAMP INTERSECTION INTERSECTION	
WOOD COUNTY	USH 10 EB (CTH N)	---	---	950	---	---	---	28	---	---	---	---	---	---		
WOOD COUNTY	USH 10 EB (CTH S)	---	---	950	---	---	---	28	---	---	---	---	---	---		
WOOD COUNTY	USH 10 EB (BLUEBERRY)	---	---	900	---	---	---	30	---	---	---	---	---	---	INTERSECTION INTERSECTION INTERSECTION	
WOOD COUNTY	USH 10 EB (CTH F)	---	---	900	---	---	---	30	---	---	---	---	---	---		
WOOD COUNTY	USH 10 EB (BROOKSIDE)	---	---	950	---	---	---	30	---	---	---	---	---	---		
WOOD COUNTY	USH 10 EB (CTH K)	---	---	900	---	---	---	28	---	---	---	---	---	---	INTERSECTION INTERSECTION INTERSECTION	
WOOD COUNTY	USH 10 EB (NORTH)	---	---	900	---	---	---	28	---	---	---	---	---	---		
WOOD COUNTY	USH 10 EB (STH 186)	---	---	900	---	---	---	28	---	---	---	---	---	---		
WOOD COUNTY	USH 10 EB (SHADY & CTH E)	---	---	900	---	---	---	28	---	---	---	---	---	---	INTERSECTION INTERSECTION INTERSECTION	
WOOD COUNTY	USH 10 EB (DAY)	---	---	850	---	---	---	29	---	---	---	---	---	---		
WOOD COUNTY	USH 10 EB (CTH T) EB & WB	---	---	1,850	---	---	---	28	---	---	---	---	---	---		
WOOD COUNTY	USH 10 EB (STH 13)	---	---	---	3	---	---	56	---	---	---	---	74	---	OFF RAMP OFF RAMP INTERSECTION	
WOOD COUNTY	USH 10 EB (MILLCREEK)	---	---	500	2	---	---	28	---	---	144	---	24	---		
WOOD COUNTY	USH 10 EB (KLONDIKE) ROUNDABOUT	---	---	---	---	---	---	---	---	354	14	---	---	---		
PORTAGE COUNTY	USH 10 WB (STH 34 NORTH)	---	---	---	---	---	---	32	---	---	---	---	122	---	OFF RAMP OFF RAMP OFF RAMP	
PORTAGE COUNTY	USH 10 WB (STH 13 & 34)	---	---	---	---	1	---	32	---	---	---	---	156	---		
WOOD COUNTY	USH 10 WB (CTH N)	---	---	950	---	---	---	28	---	---	---	---	---	---		
WOOD COUNTY	USH 10 WB (CTH S)	---	---	950	---	---	---	28	---	---	---	---	---	---	INTERSECTION INTERSECTION INTERSECTION	
WOOD COUNTY	USH 10 WB (BLUEBERRY)	---	---	900	---	---	---	28	---	---	---	---	---	---		
WOOD COUNTY	USH 10 WB (CTH F)	---	---	900	---	---	---	28	---	---	---	---	---	---		
WOOD COUNTY	USH 10 WB (BROOKSIDE)	---	---	900	---	---	---	28	---	---	---	---	---	---	INTERSECTION INTERSECTION INTERSECTION	
WOOD COUNTY	USH 10 WB (CTH K)	---	---	900	---	---	---	28	---	---	---	---	---	---		
WOOD COUNTY	USH 10 WB (NORTH)	---	---	900	---	---	---	28	---	---	---	---	---	---		
WOOD COUNTY	USH 10 WB (STH 186)	---	---	900	---	---	---	28	---	---	---	---	---	---	INTERSECTION INTERSECTION INTERSECTION	
WOOD COUNTY	USH 10 WB (CTH E)	---	---	900	---	---	---	27	---	---	---	---	---	---		
WOOD COUNTY	USH 10 WB (DAY)	---	---	850	---	---	---	28	---	---	---	---	---	---		
WOOD COUNTY	STH 13 (29 TH)	---	---	---	2	---	2	54	1	---	---	---	---	---	INTERSECTION INTERSECTION INTERSECTION	
WOOD COUNTY	STH 13 (34 TH)	---	---	---	2	---	---	---	2	---	---	---	---	---		
WOOD COUNTY	STH 13 (HARITAGE)	---	---	---	8	---	2	94	4	---	---	---	---	---		
WOOD COUNTY	USH 10 WB (STH 13 & CTH A OVER PASS)	---	---	---	---	1	---	50	4	---	187	---	142	---	INTERSECTION INTERSECTION INTERSECTION	
WOOD COUNTY	USH 10 MILL CREEK	---	---	500	---	---	---	---	---	---	50	---	---	---		
WOOD COUNTY	US 10 & STH 80 ROUNDABOUT	---	---	---	---	---	---	---	---	475	12	---	---	---		
WOOD COUNTY	US 10 & STH 13 ROUNDABOUT BUS 13	---	---	---	---	---	---	---	---	---	510	---	---	---	INTERSECTION MEDIAN	
WOOD COUNTY	USH 10 WB (NORTH JCT OF 10 TO SOUTH JCT OF 10)	---	---	---	8	---	---	---	19	---	---	---	---	---		
		---	---	---	---	---	---	---	---	---	---	---	---	---		
	SUBTOTALS:	369,386	378,593	25,305							829	917	60	822	480	
	TOTALS:	747,979		25,305	51	6	8	1,094	32	1,746		882		480		

3	PAVEMENT MARKING (MARATHON COUNTY)												3
	LOCATION		646.0106 EPOXY 4-INCH		646.0126 EPOXY 8-INCH	647.0166 ARROWS TYPE 2 EPOXY WHITE EACH	647.0356 WORDS EPOXY WHITE EACH	647.0566 STOP LINE EPOXY 18-INCH WHITE LF	647.0606 EPOXY ISLAND NOSE YELLOW LF	647.0726 DIAGONAL EPOXY 12-INCH		647.0856 EPOXY CORRUGATED MEDIAN SF	
			YELLOW LF	WHITE LF	WHITE LF					YELLOW LF	WHITE LF		
	MARATHON COUNTY	CTH U TO WEST CAMPUS	2,799	2,852	---	---	---	---	---	---	---	---	MAINLINE
	MARATHON COUNTY	BUSINESS 51 AND WEST CAMPUS	---	---	860	4	4	75	2	---	---	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 AND CTH U	---	---	650	4	4	65	2	---	---	120 YELLOW	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 EAGLE NEST BLVD TO EAU CLAIRE RIVER BRIDGE	33,712	15,787	---	---	---	---	---	---	---	---	MAINLINE
	MARATHON COUNTY	BUSINESS 51 AND EAGLE NEST BLVD	---	---	650	2	2	30	3	130	95	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 AND WAUSAU TILE	---	---	300	2	1	---	---	---	55	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 AND DOMTAR (CAR ENTRENCE)	---	---	200	2	1	---	---	---	---	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 AND DOMTAR (TRUCK ENTRANCE)	---	---	250	2	1	---	---	---	---	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 AND US HWY 29 EAST ON RAMP	---	---	600	3	5	86	3	75	---	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 AND US HWY 29 WEST ON RAMP	---	---	550	6	6	98	2	---	---	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 AND ELLEN	---	---	300	3	2	62	2	---	---	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 MEDIAN ARROWS	---	---	250	2	---	---	---	---	---	---	MEDIAN
	MARATHON COUNTY	BUSINESS 51 AND VOLKMAN	---	---	---	2	1	---	1	---	---	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 AND JELNEK	---	---	---	3	2	66	3	---	---	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 MEDIAN ARROWS (EVERST)	---	---	---	2	---	---	---	---	---	---	MEDIAN
	MARATHON COUNTY	BUSINESS 51 AND KECK	---	---	100	1	1	---	---	---	---	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 MEDIAN ARROWS	---	---	---	2	---	---	---	---	---	---	MEDIAN
	MARATHON COUNTY	BUISNESS 51 AND NEUPERT	---	---	200	2	2	---	---	---	---	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 MEDIAN ARROWS	---	---	---	2	---	---	---	---	---	---	MEDIAN
	MARATHON COUNTY	BUSINESS 51 AND POST	---	---	200	2	2	---	---	---	---	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 MEDIAN ARROWS	---	---	---	---	---	---	---	---	---	---	MEDIAN
	MARATHON COUNTY	BUSINESS 51 AND SCHOFIELD	---	---	800	10	5	98	3	---	---	---	INTERSECTION
	MARATHON COUNTY	BUSINESS 51 AND ROSS	---	---	100	---	---	---	2	---	---	---	MEDIAN
	MARATHON COUNTY	BUSINESS 51 AND DROTT	---	---	---	---	---	48	1	---	---	---	INTERSECTION
			---	---	---	---	---	---	---	---	---	---	
		SUBTOTALS:	36,511	18,639						205	150		
		TOTALS:	55,150		6,010	56	39	628	24	355		120	

PAVEMENT MARKING (ONEIDA, LANGLADE & SHAWANO COUNTIES)												
LOCATION		646.0106 EPOXY 4-INCH		646.0126 EPOXY 8-INCH	647.0166 ARROWS TYPE 2 EPOXY WHITE EACH	647.0356 WORDS EPOXY WHITE EACH	647.0566 STOP LINE EPOXY 18-INCH WHITE LF	647.0606 EPOXY ISLAND NOSE YELLOW EACH	647.0726 DIAGONAL EPOXY 12-INCH		647.0803 EPOXY AERIAL BARS LF	REMARKS
		YELLOW LF	WHITE LF	WHITE LF					YELLOW LF	WHITE LF		
SHAWANO CO	USH 45 NORTH AND STH 29	165,421	522,654	---	---	---	---	---	---	---	---	MAINLINE
SHAWANO CO	USH 45 NORTH & GAS STATION EXIT LANE	---	---	195	2	2	---	---	---	---	---	INTERSECTION
SHAWANO CO	USH 45 NORTH & CTH Z EAST	---	---	200	---	---	---	---	---	---	---	INTERSECTION
LANGLADE CO	USH 45 NORTH & W BEAR LAKE (STH 47)	---	---	85	---	---	---	---	---	---	---	INTERSECTION
LANGLADE CO	USH 45 NORTH RUSCH TO CTH N	---	---	200	28	2	---	---	92	---	---	INTERSECTION
LANGLADE CO	USH 45 NORTH & CTH I	---	---	460	---	---	---	---	---	---	---	INTERSECTION
LANGLADE CO	USH 45 NORTH & CTH A	---	---	740	---	---	---	---	---	---	---	INTERSECTION
LANGLADE CO	USH 45 NORTH BACK TO TWO LANES (CTH A)	---	---	---	---	---	---	---	---	323	---	INTERSECTION
LANGLADE CO	USH 45 NORTH & CTH B	---	---	100	---	---	---	---	---	---	---	INTERSECTION
ONEIDA CO	USH 45 NORTH NORTH OF CTH B 3 MILES	---	---	---	---	---	---	---	---	---	60	MAINLINE
ONEIDA CO	USH 45 NORTH & BOETTCHER	---	---	---	---	---	---	---	---	---	60	MAINLINE
ONEIDA CO	USH 45 NORTH & USH 8	---	---	211	---	---	---	2	---	---	---	INTERSECTION
ONEIDA CO	USH 45 SOUTH & CTH Q	---	---	93	---	---	---	---	---	---	---	INTERSECTION
ONEIDA CO	USH 45 SOUTH & CTH G	---	---	90	---	---	---	---	---	---	---	INTERSECTION
LANGLADE CO	USH 45 SOUTH & CTH B	---	---	100	---	---	---	---	---	---	---	INTERSECTION
LANGLADE CO	USH 45 SOUTH & CTH J NORTH	---	---	150	---	---	---	---	---	---	---	INTERSECTION
LANGLADE CO	USH 45 SOUTH & CTH B	---	---	150	---	---	---	---	---	---	---	INTERSECTION
LANGLADE CO	USH 45 SOUTH & CTH A	---	---	100	---	---	---	---	---	---	---	INTERSECTION
LANGLADE CO	USH 45 SOUTH & CTH I	---	---	400	---	---	---	---	---	---	---	INTERSECTION
LANGLADE CO	USH 45 SOUTH & CTH N NORTH	---	---	350	---	---	---	---	---	---	---	INTERSECTION
LANGLADE CO	USH 45 SOUTH & STH 47	---	---	100	---	---	---	---	---	---	---	INTERSECTION
SHAWANO CO	USH 45 SOUTH & STH 52	---	---	200	---	---	---	---	---	---	---	INTERSECTION
SHAWANO CO	USH 45 SOUTH & CTH N	---	---	---	---	---	52	---	---	---	---	INTERSECTION
SHAWANO CO	USH 45 SOUTH & CTH O	---	---	200	---	---	---	---	---	---	---	INTERSECTION
		---	---	---	---	---	---	---	---	---	---	
		SUBTOTALS:		165,421	522,654	4,124			92	323		
		TOTALS:		688,075		4,124	30	4	52	2	415	120

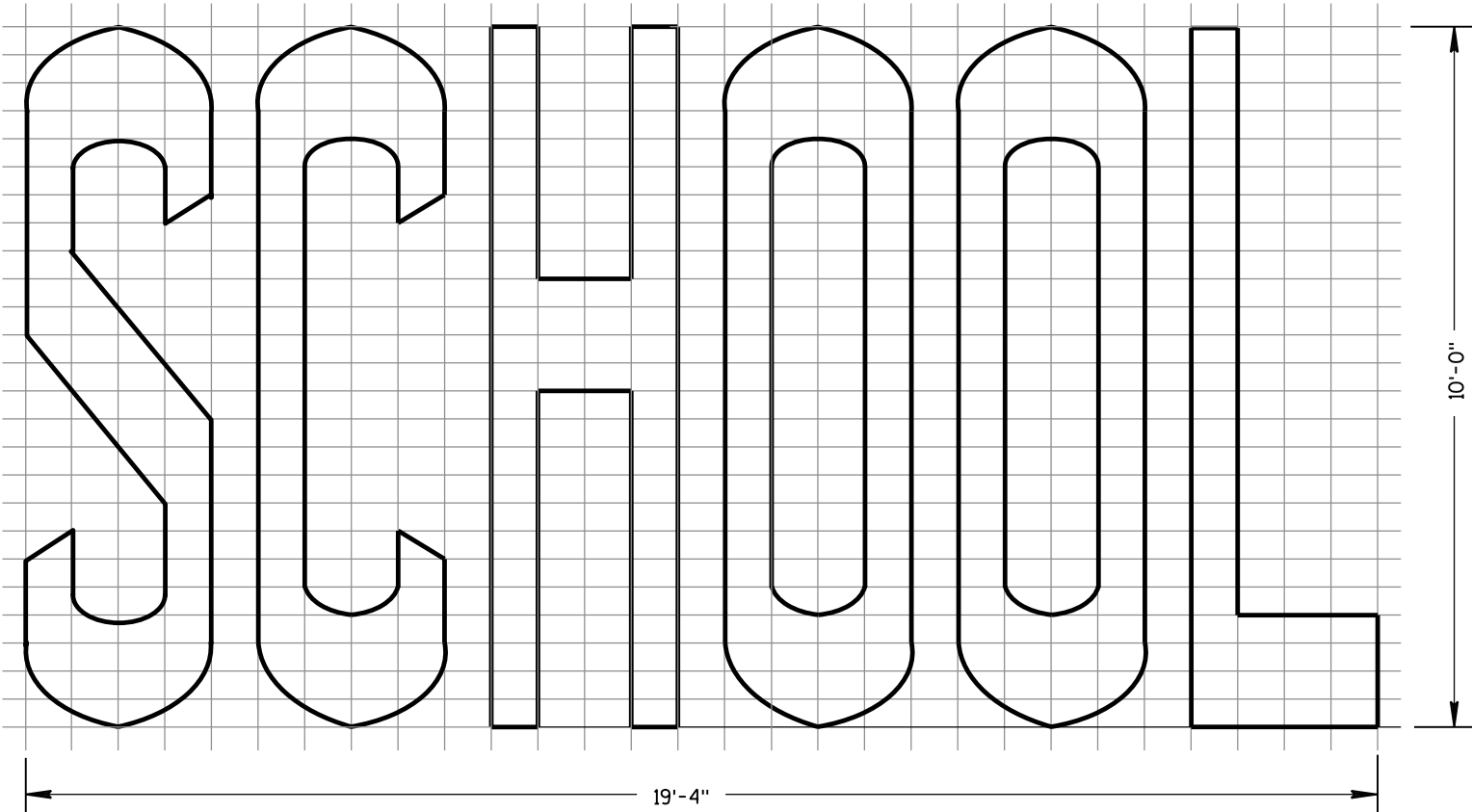
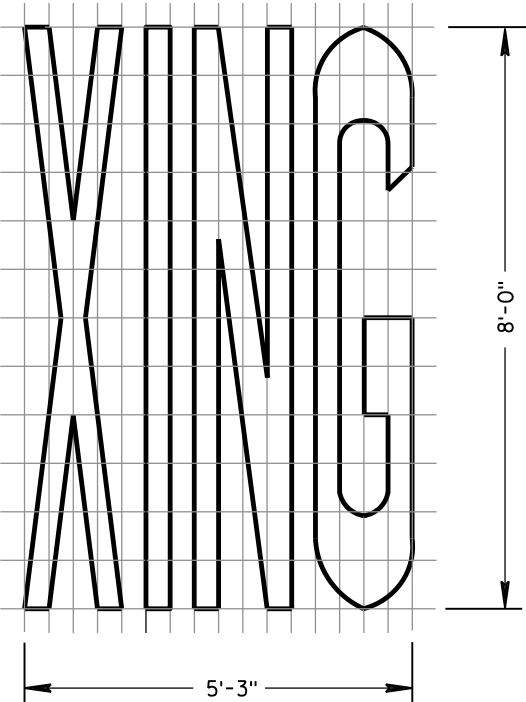
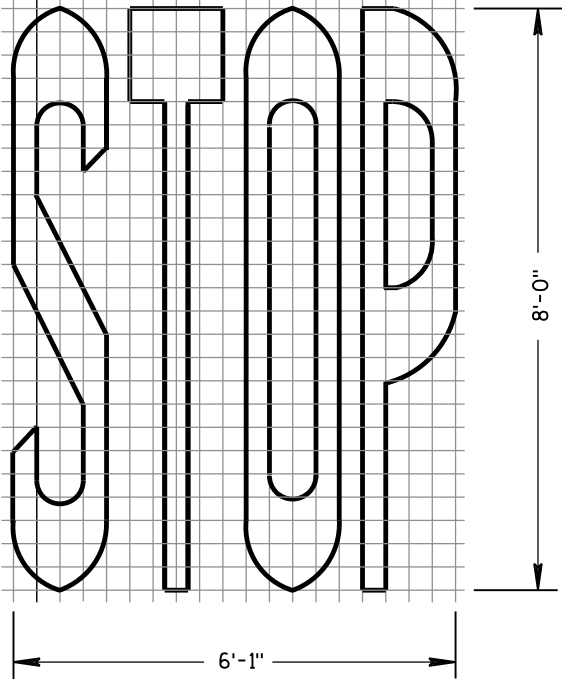
PAVEMENT MARKING (FOREST & ONEIDA COUNTIES)								
LOCATION		646.0106 EPOXY 4-INCH		646.0126 EPOXY 8-INCH	647.0176 ARROWS TYPE 3 EPOXY WHITE EACH	647.0356 WORDS EPOXY WHITE EACH	647.0566 STOP LINE EPOXY 18-INCH WHITE LF	REMARKS
		YELLOW LF	WHITE LF	WHITE LF				
FOREST / ONEIDA COUNTY	USH 8 (MARINETTE COUNTY LINE TO USH 8/45 INTERSECTION / FOREST)	190,666	393,982	---	---	---	---	MAINLINE
ONEIDA COUNTY	USH 8 (USH 45 NORTH)	---	---	360	2	2	---	INTERSECTION
FOREST COUNTY	USH 8 (CTH S)	---	---	150	---	---	64	INTERSECTION
FOREST COUNTY	USH 8 (STH 32/55) NORTH JCT	---	---	---	---	---	30	INTERSECTION
FOREST COUNTY	USH 8 (STH 32/55) SOUTH JCT	---	---	197	---	---	30	INTERSECTION
FOREST COUNTY	USH 8 (CTH W)	---	---	200	---	---	---	INTERSECTION
FOREST COUNTY	USH 8 (SHELL GAS STATION)	---	---	150	---	---	---	INTERSECTION
FOREST COUNTY	USH 8 (WAYSIDE)	---	---	150	---	---	---	INTERSECTION
FOREST COUNTY	USH 8 (STH 32)	---	---	---	---	---	26	INTERSECTION
FOREST COUNTY	USH 8 (LINDEN) SOUTH JCT	---	---	---	---	---	26	INTERSECTION
FOREST COUNTY	USH 8 (LINDEN) NORTH JCT	---	---	---	---	---	26	INTERSECTION
FOREST COUNTY	USH 8 (CTH G)	---	---	---	---	---	30	INTERSECTION
FOREST COUNTY	USH 8 (STH 139) E.B IS A BYPASS LANE 5 - 4" DASHES NEEDED	---	---	100	---	---	18	INTERSECTION
FOREST COUNTY	USH 8 (STH 101)	---	---	---	---	---	18	INTERSECTION
	SUBTOTALS:	190,666	393,982	1,307				
	TOTALS:	584,648		1,307	2	2	268	

Standard Detail Drawing List

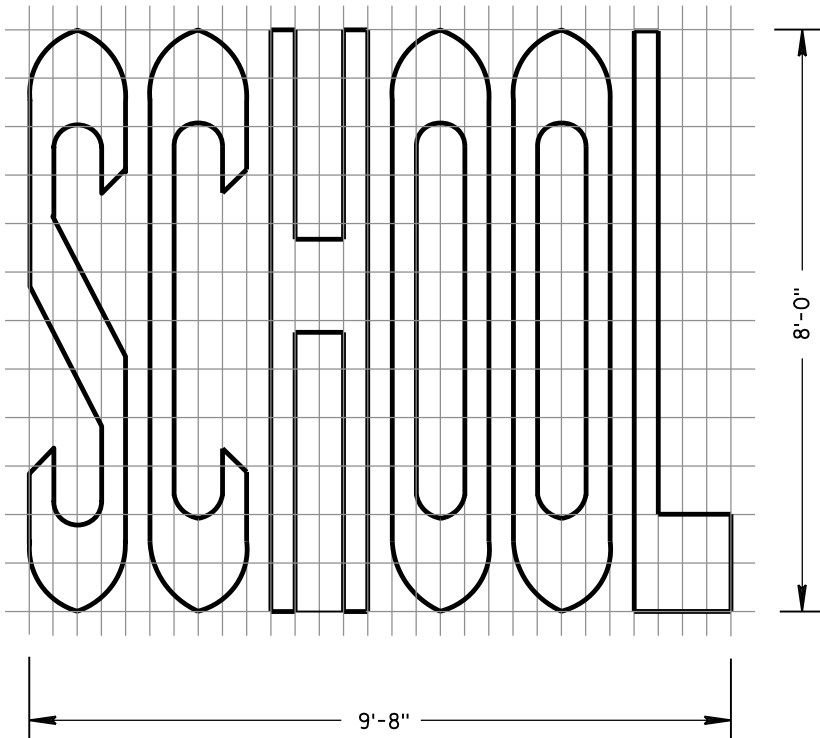
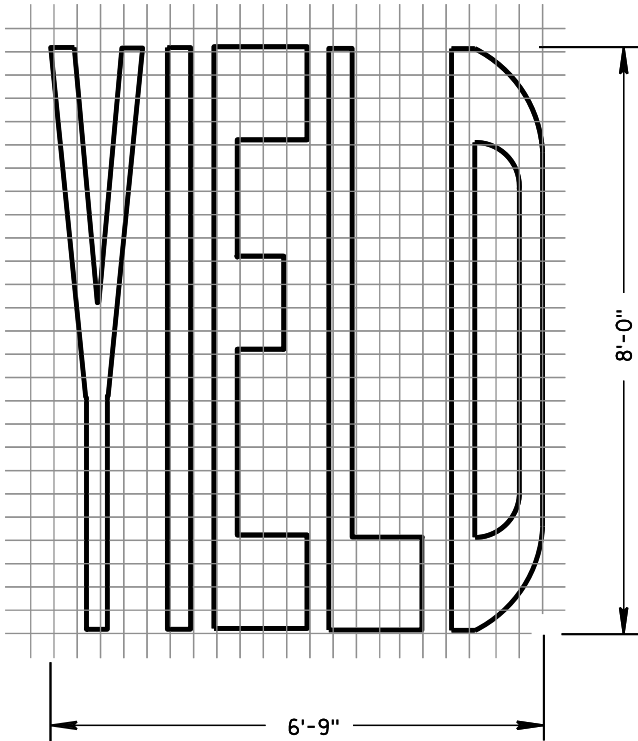
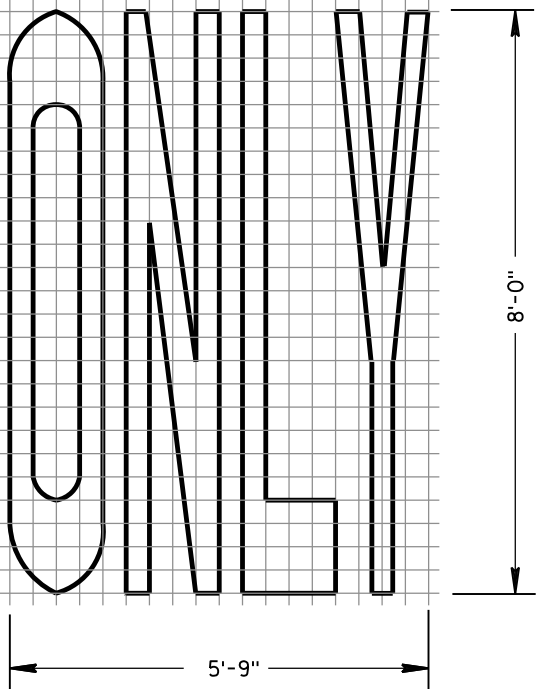
15C07-13B	PAVEMENT MARKING WORDS
15C07-13C	PAVEMENT MARKING ARROWS
15C08-17A	LONGI TUDI NAL MARKI NG (MAI NLI NE)
15C08-17B	PAVEMENT MARKING (TURN LANES)
15C08-17C	PAVEMENT MARKING (ISLANDS)
15C09-10A	SIGNING AND PAVEMENT MARKING DETAI LS FOR RAI LROAD-HI GHWAY GRADE CROSSI NG
15C14-02	AERIAL ENFORCEMENT BARS PAVEMENT MARKING DETAI LS
15C31-02A	PAVEMENT MARKING (RAMPS AND GORES)
15C33-02	STOP LI NE AND CROSSWALK PAVEMENT MARKING
15C35-01A	PAVEMENT MARKING (INTERSECTIONS)
15C35-01B	PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE)
15C35-01C	PAVEMENT MARKING AND SIGNING (CLIMBING LANE & PASSING LANE)

GENERAL NOTES

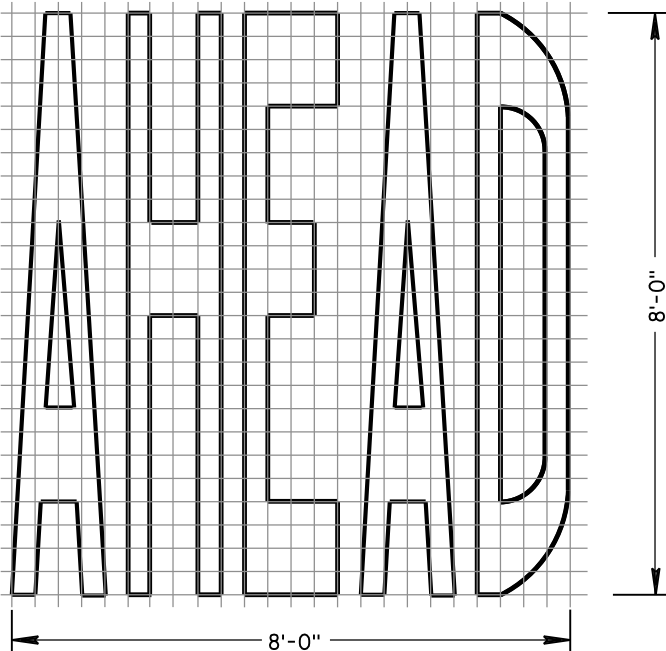
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



TWO-LANE



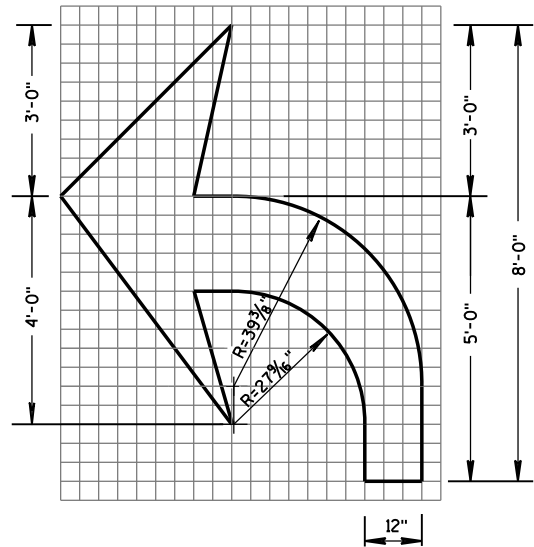
SINGLE-LANE



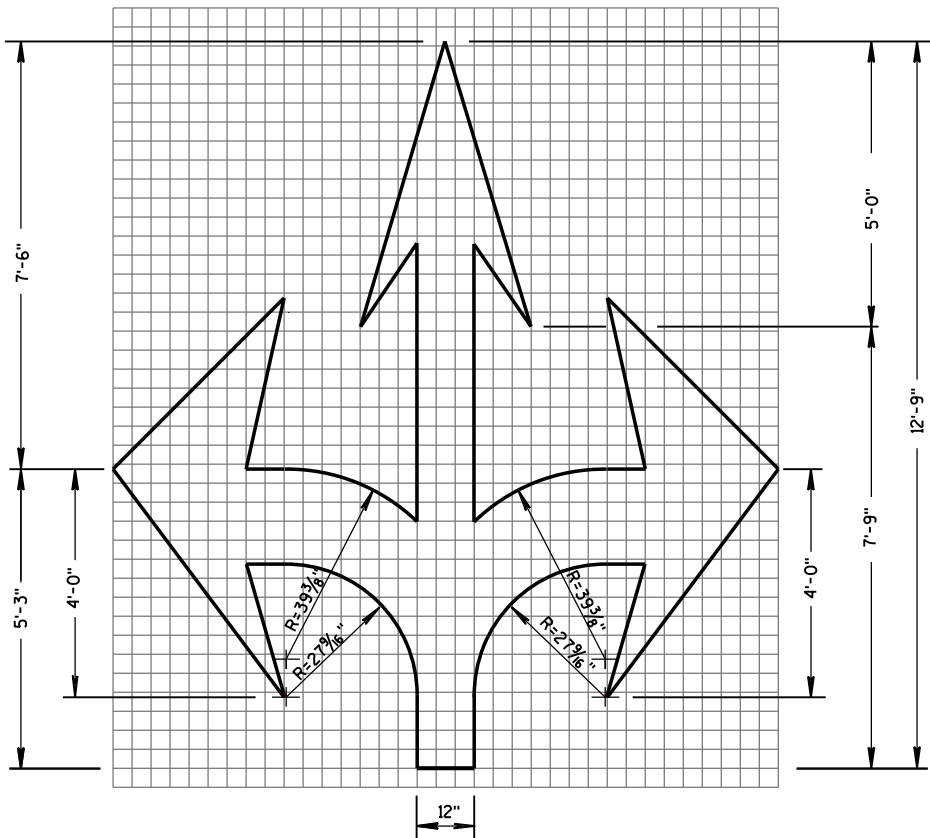
PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

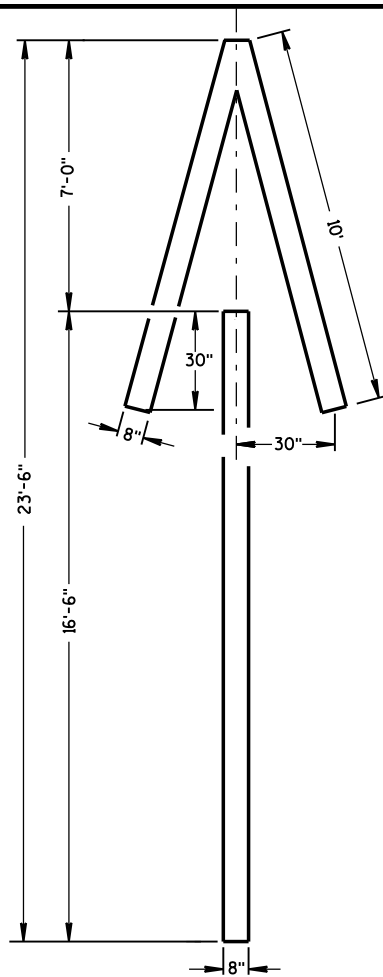
APPROVED
4-18-16 DATE /S/ Matthew R. Rauch
STATE SIGNING AND MARKING ENGINEER
FHWA



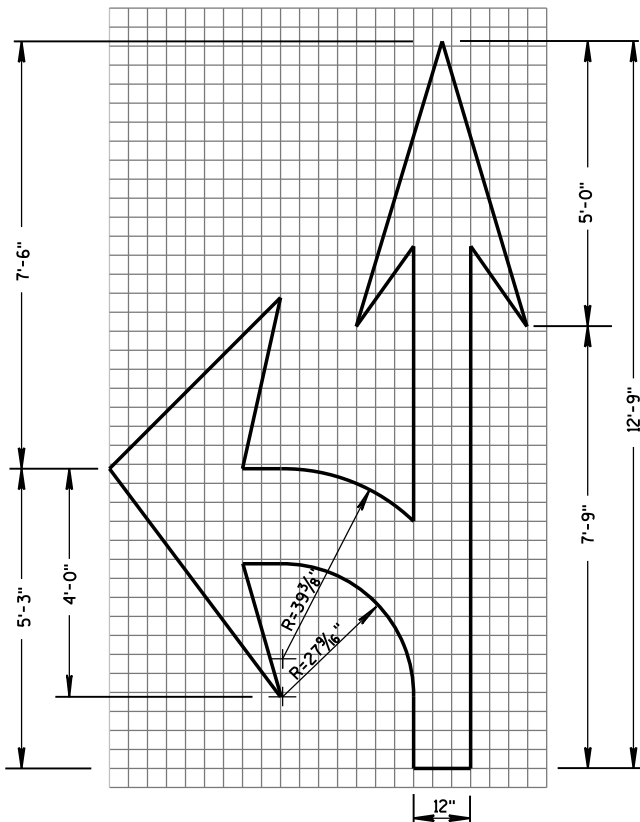
TYPE 2



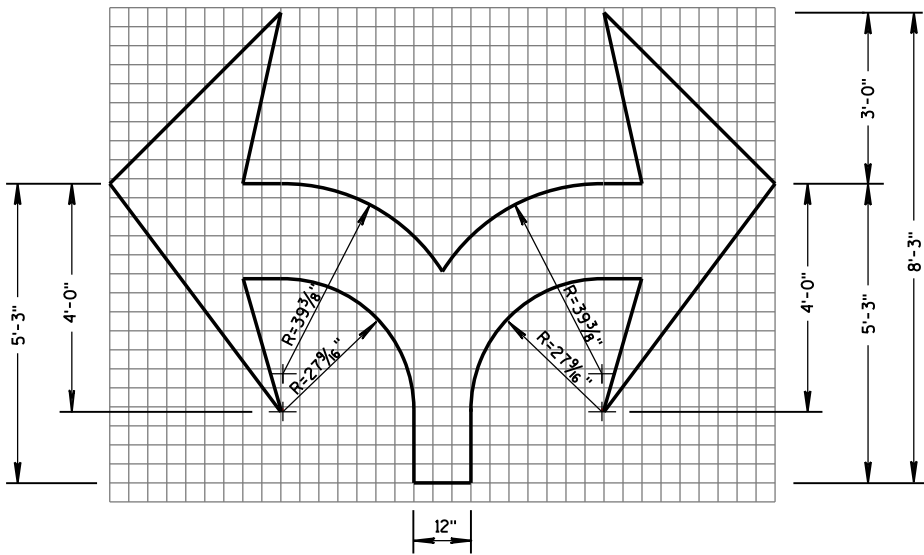
TYPE 6



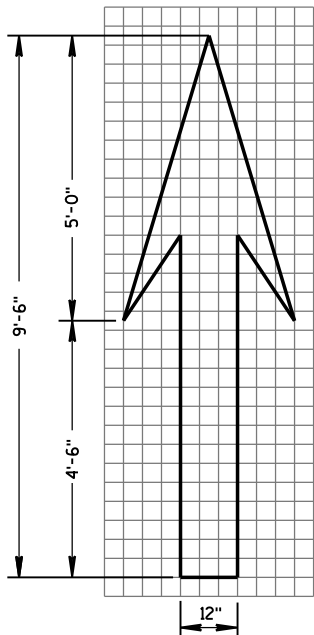
TYPE 4



TYPE 3



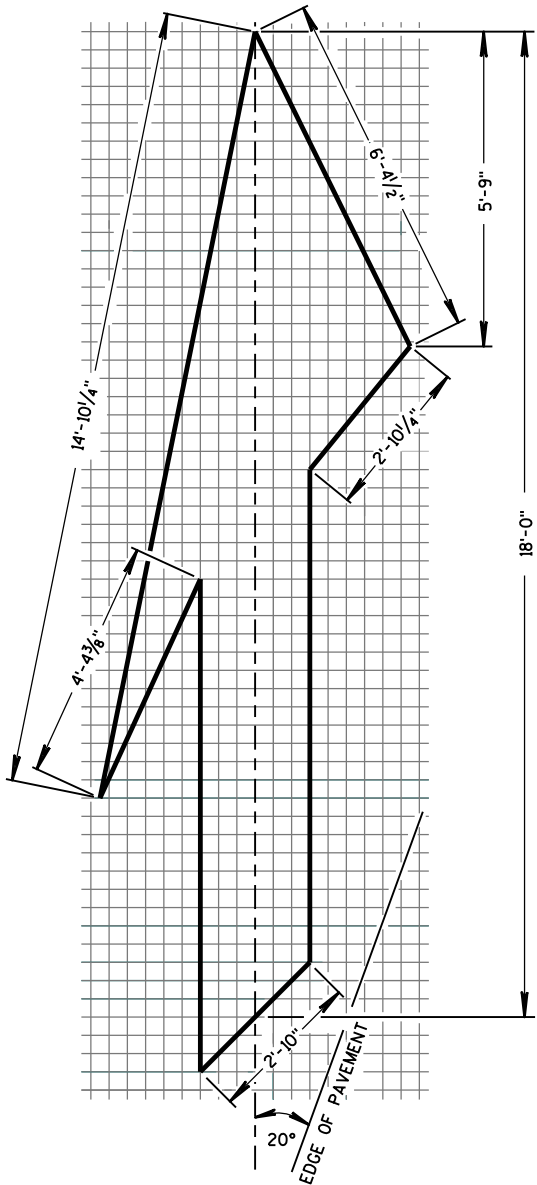
TYPE 7



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.

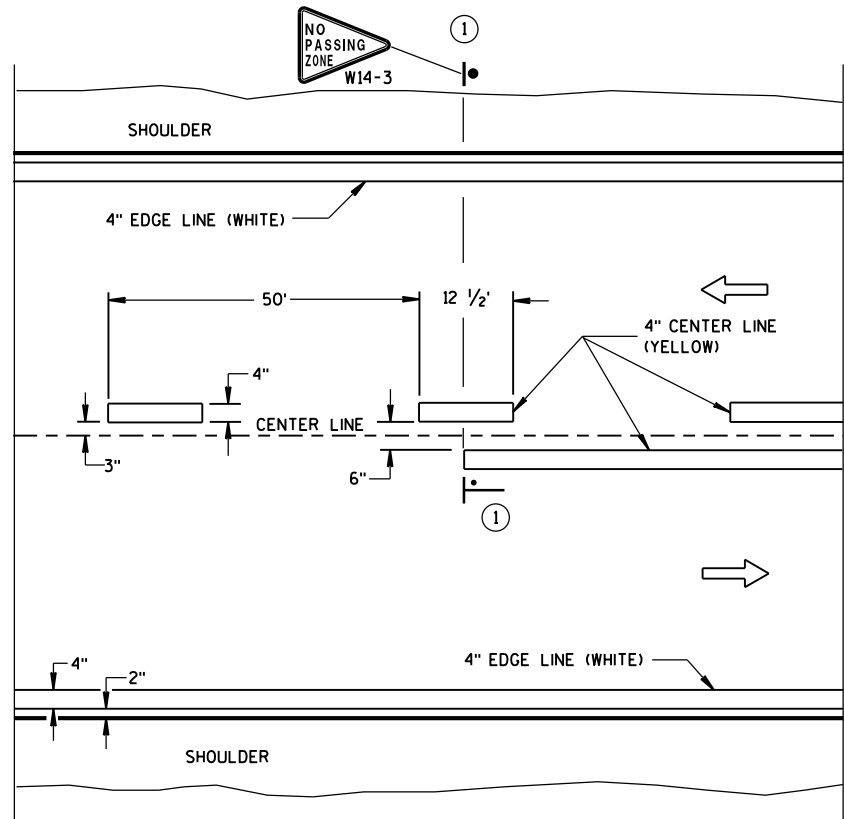


TYPE 5 LANE DROP ARROW

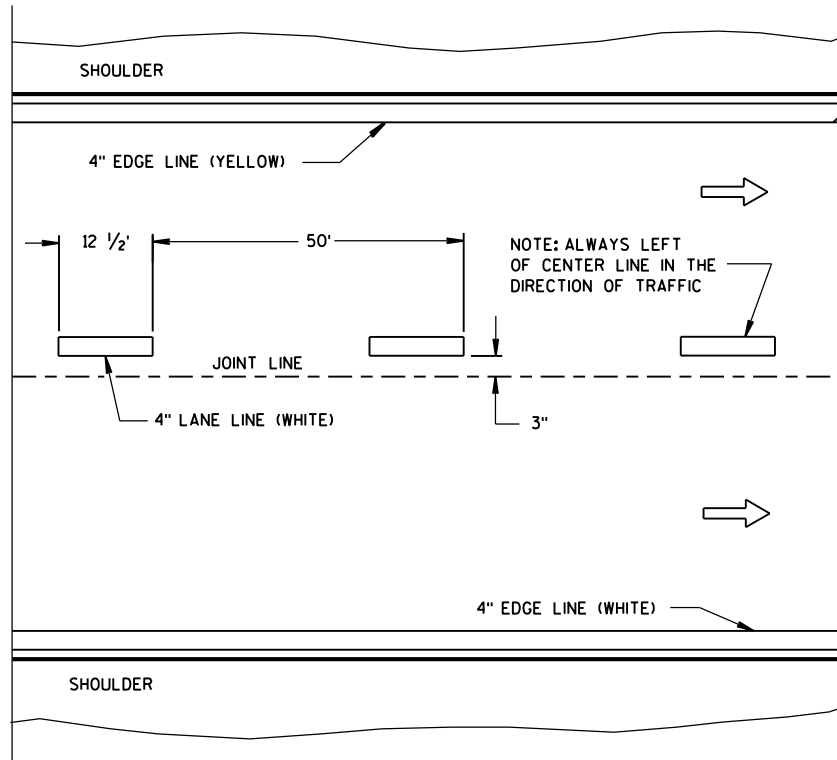
PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-18-16 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA

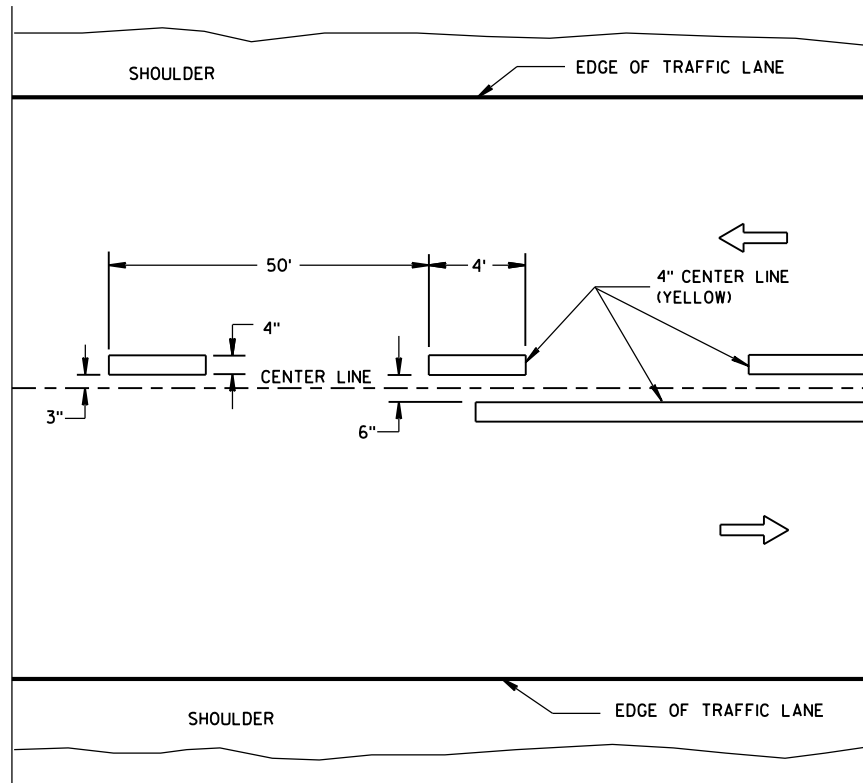


TWO WAY TRAFFIC

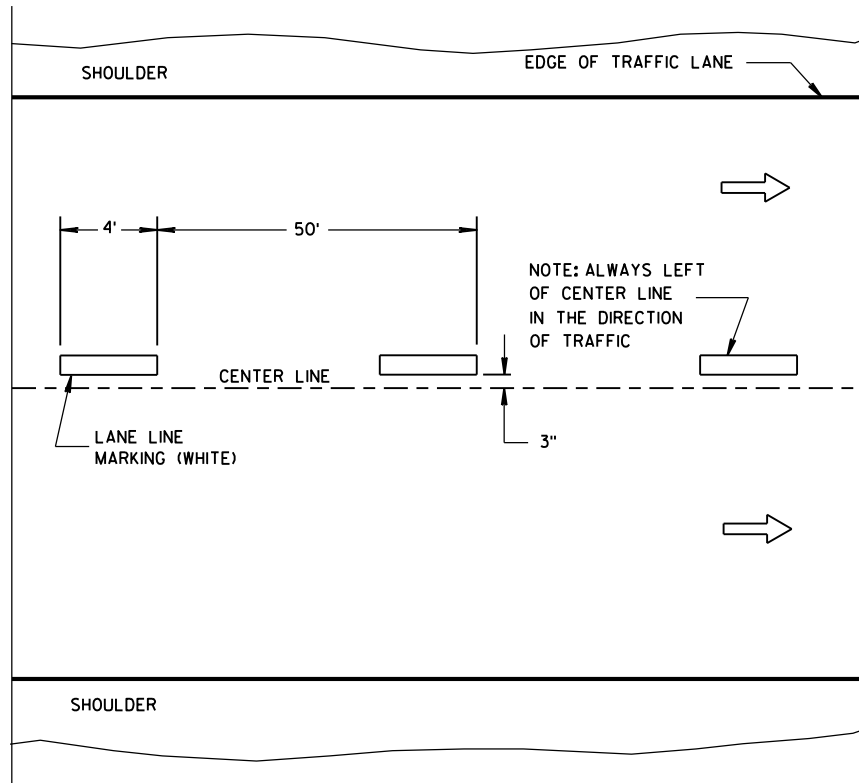


ONE WAY TRAFFIC

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 NO PASSING ZONE W14-3 SIGN SHALL BE LOCATED WITHIN 50 FEET OF THE "T" MARKING.

NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

LEGEND

- "T" MARKING
- POST MOUNTED SIGN

LONGITUDINAL MARKING
(MAINLINE)

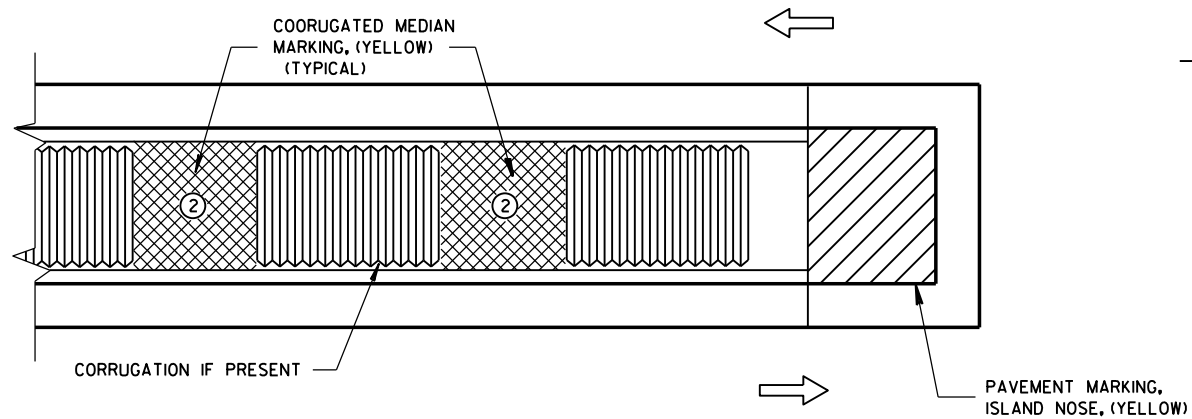
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA

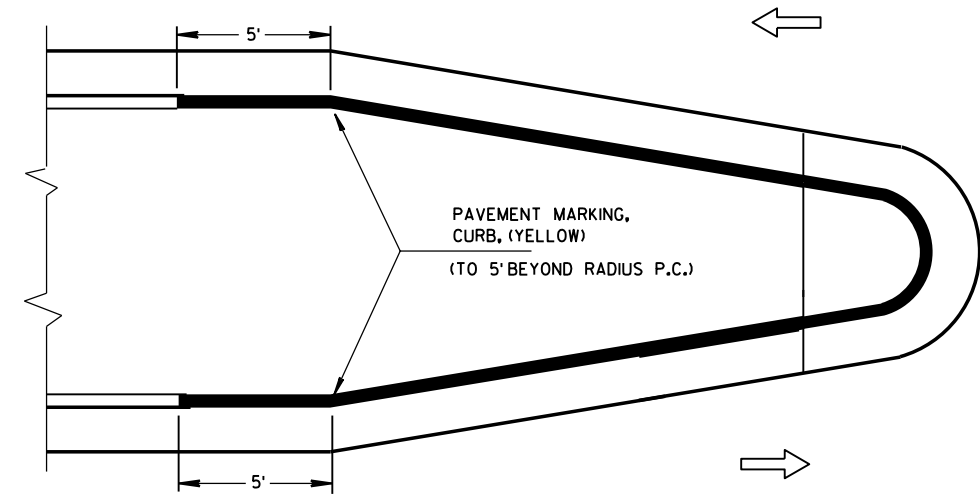


TWO WAY LEFT TURN LANE

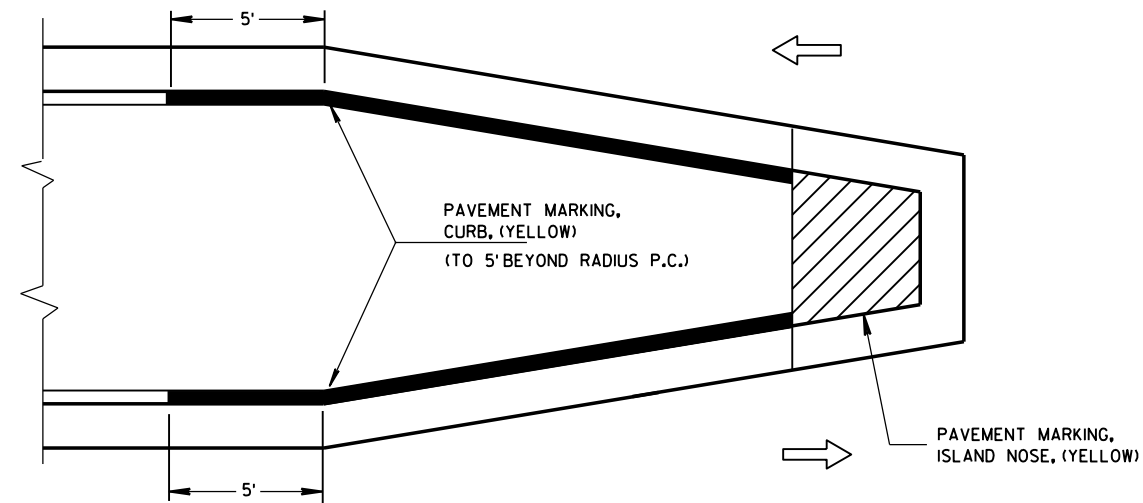
- STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



MEDIAN ISLAND WITH SQUARE BLUNT NOSE

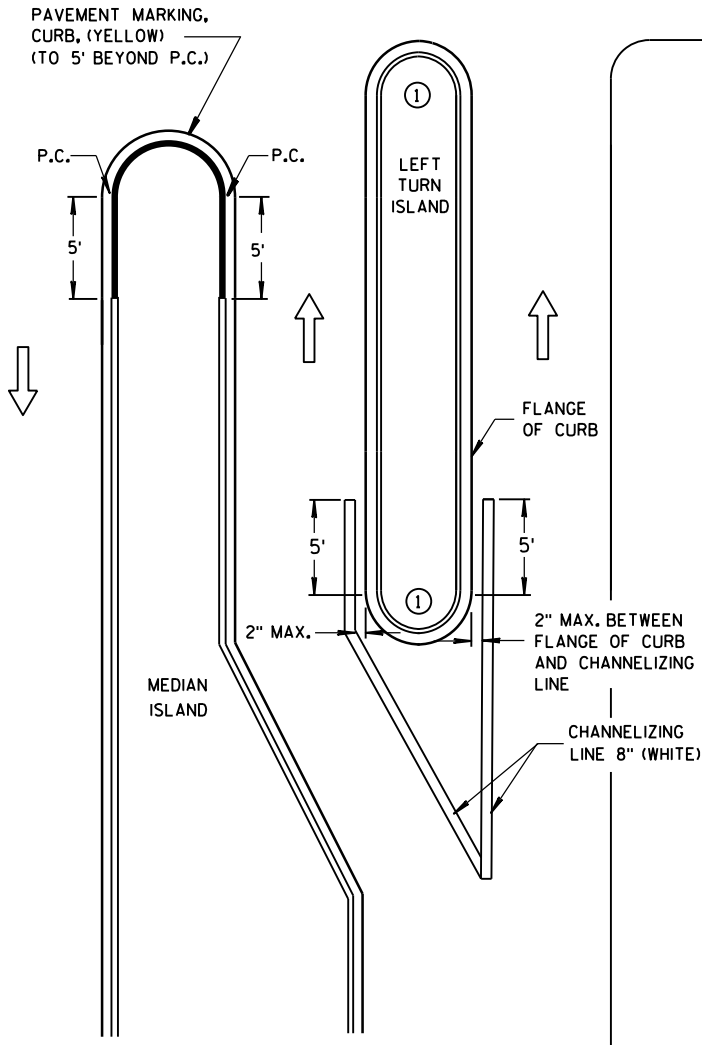


MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

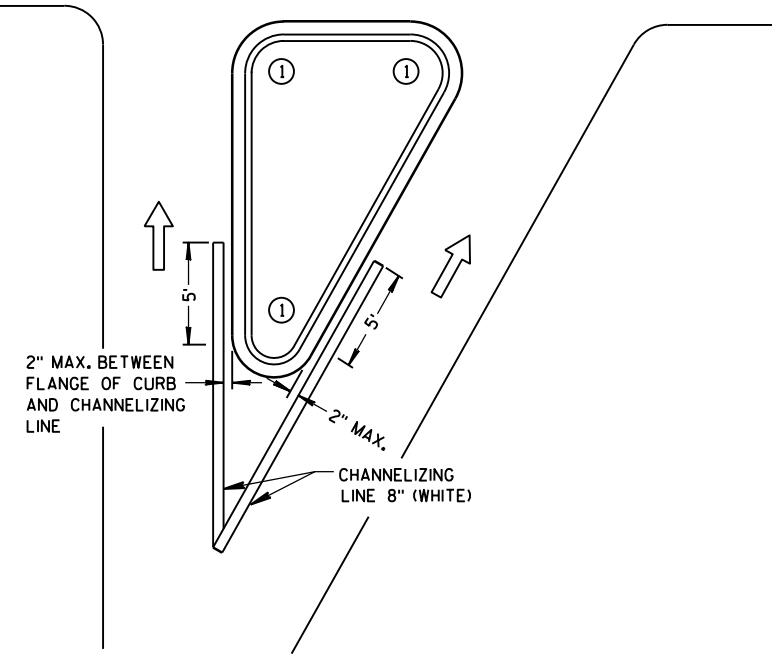
TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS



LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

- 1 DO NOT MARK CURB NOSES THAT SEPARATE LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION.
- 2 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 AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.



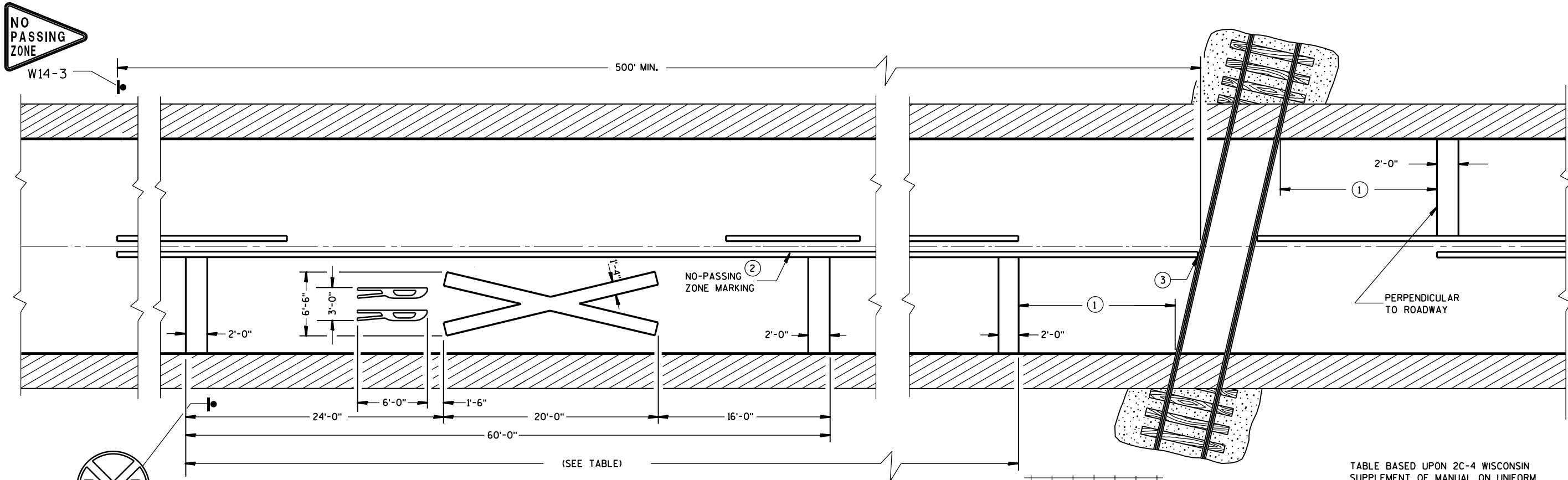
RIGHT TURN ISLAND

LEGEND

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

PAVEMENT MARKING (ISLANDS)

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



PAVEMENT MARKING

GENERAL NOTES

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

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

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

RETRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

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

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

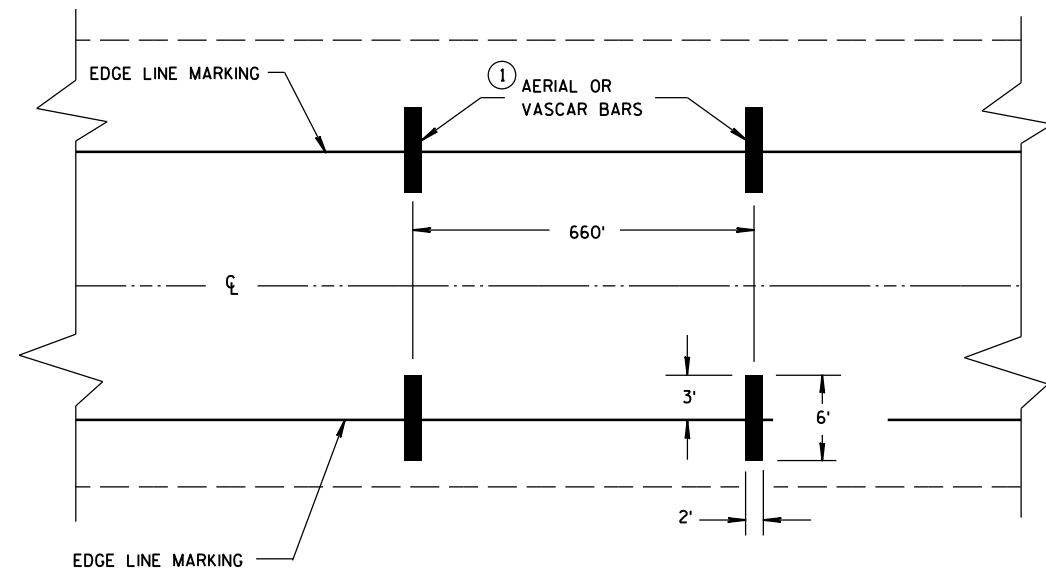
Posted Speed (M.P.H.)	Dimension Range (Feet)
25	150*- 250
30	200*- 300
35	250*- 450
40	300*- 500
45	400*- 650
50	550*- 800
55	750*- 1000
60	1000*- 1250
65	1000*- 1250

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

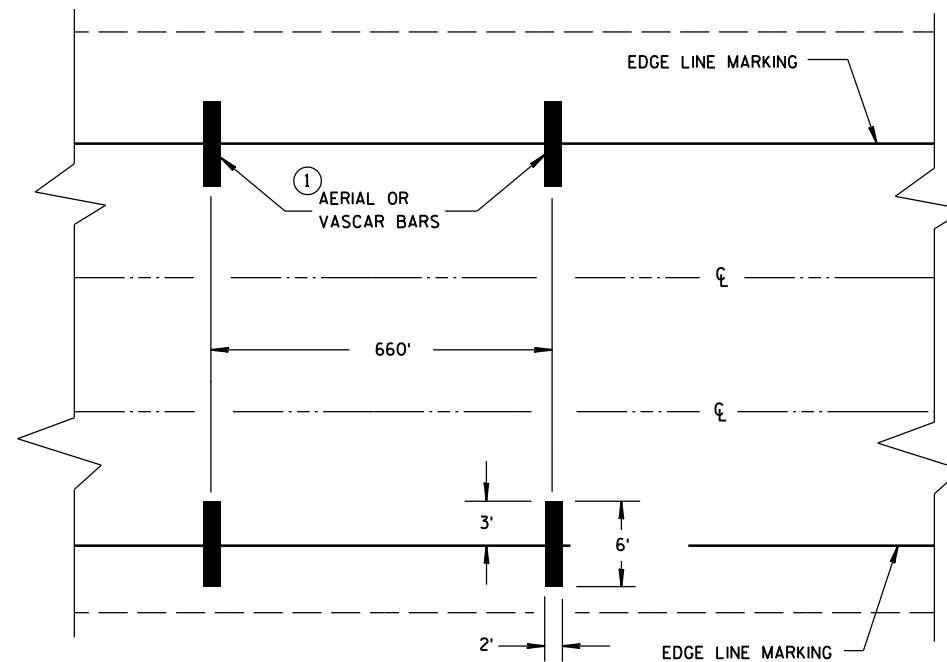
SIGNING AND PAVEMENT MARKING
DETAILS FOR RAILROAD-HIGHWAY
GRADE CROSSINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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



TYPICAL FOR TWO WAY OR ONE WAY TRAFFIC



TYPICAL FOR MULTILANE TRAFFIC

SPEED ENFORCEMENT ZONE WITH AERIAL OR VASCAR BARS

GENERAL NOTES

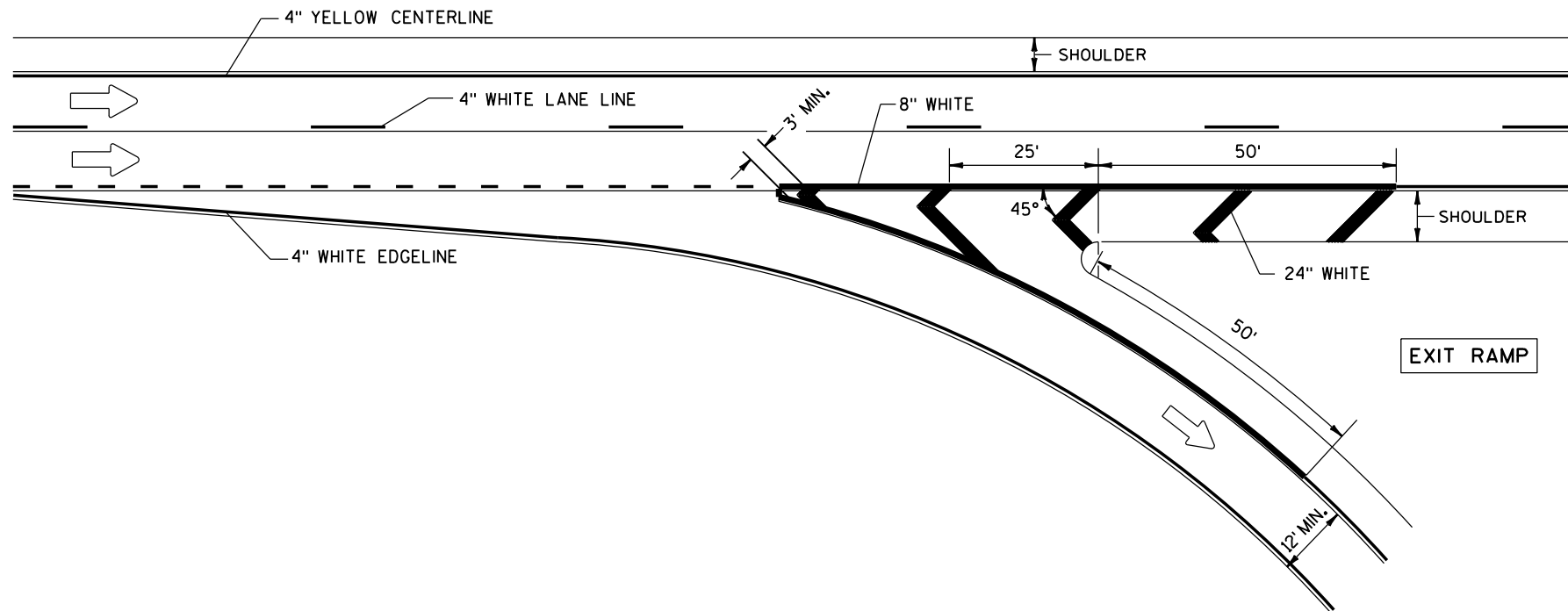
- ① NUMBER OF VASCAR OR AERIAL BARS SHALL BE A MINIMUM OF 2 OR A MAXIMUM OF 5 AT 660' SPACING.

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

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4/18/2016 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
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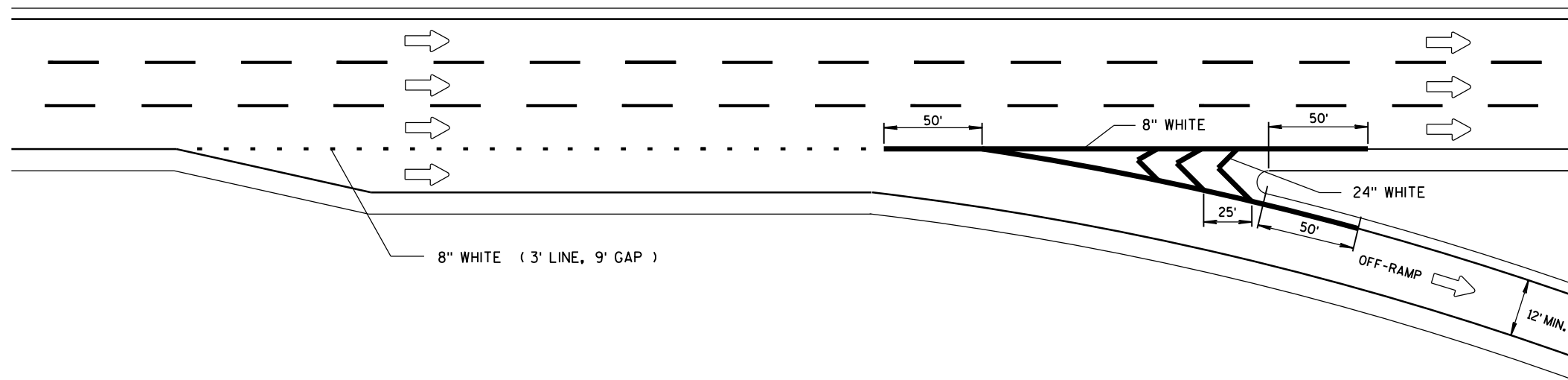
GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

→ DIRECTION OF TRAVEL

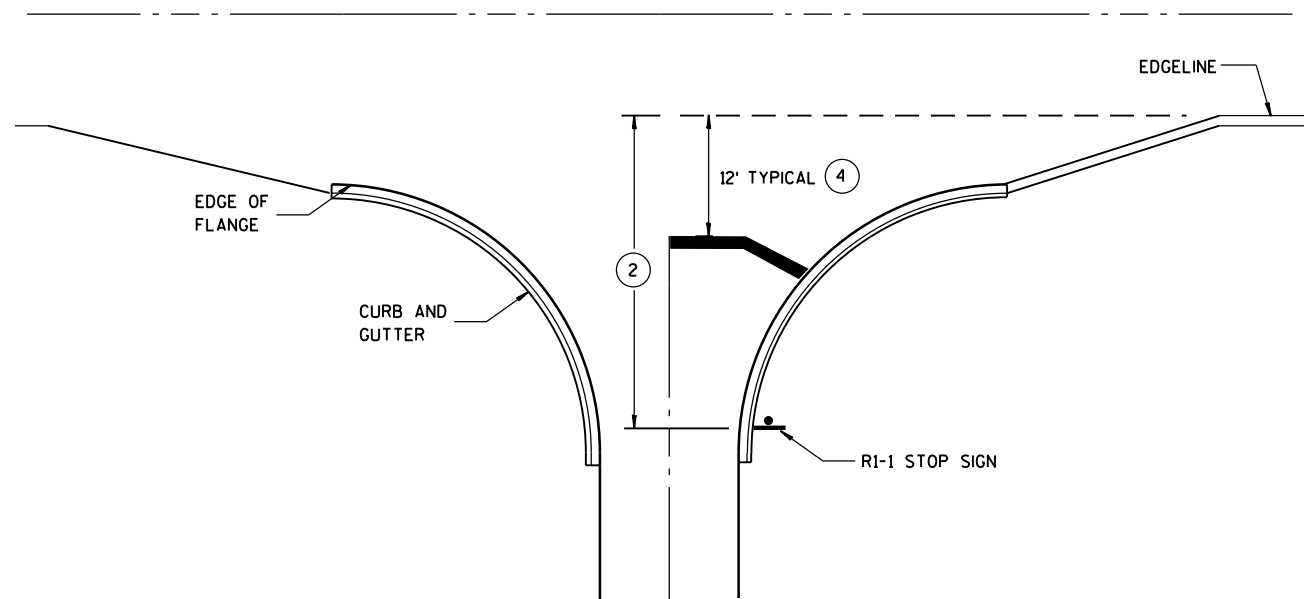
PAVEMENT MARKING FOR EXIT RAMP



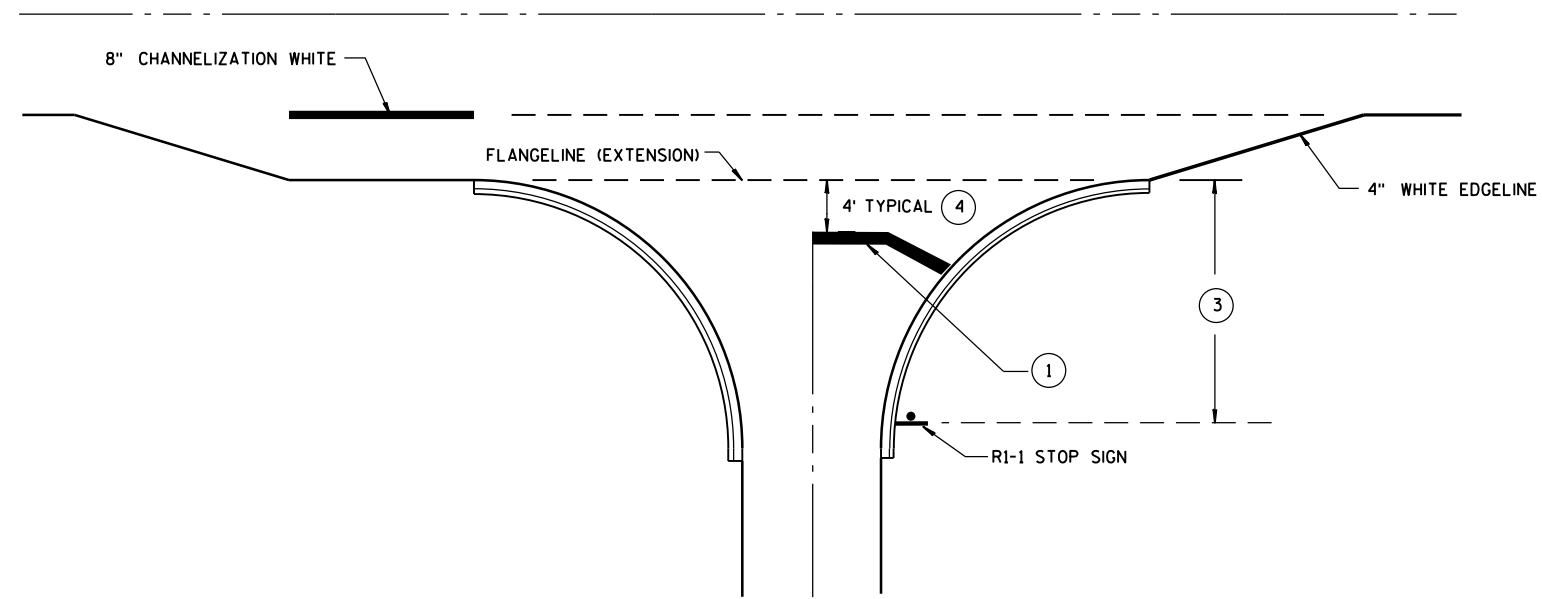
SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT-RAMP

PAVEMENT MARKING
(RAMPS AND GOES)

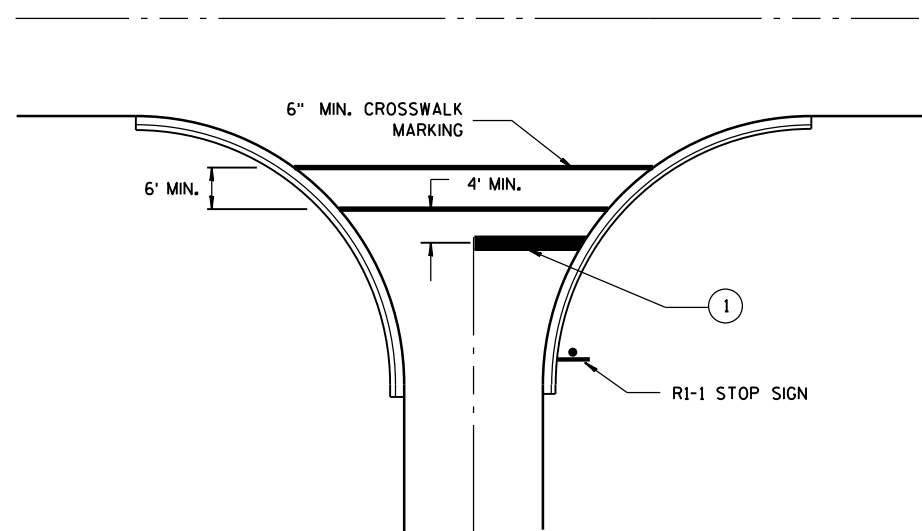
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



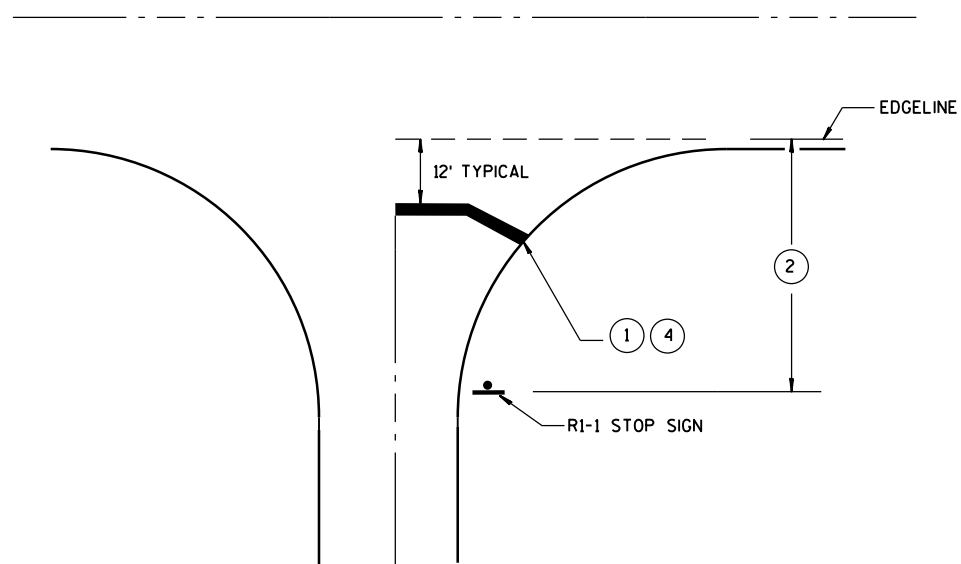
**TYPICAL STOP LINE PAVEMENT MARKING
WITH CURB AND GUTTER**



**TYPICAL STOP LINE PAVEMENT MARKING
FOR SIDEROADS WITH RIGHT TURN LANE**



**TYPICAL STOP LINE PAVEMENT MARKING
FOR SIDEROADS WITH CROSSWALK MARKING**



**TYPICAL STOP LINE PAVEMENT MARKING
WITHOUT CURB AND GUTTER**

GENERAL NOTES

- 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).

STOP LINE AND CROSSWALK PAVEMENT MARKING

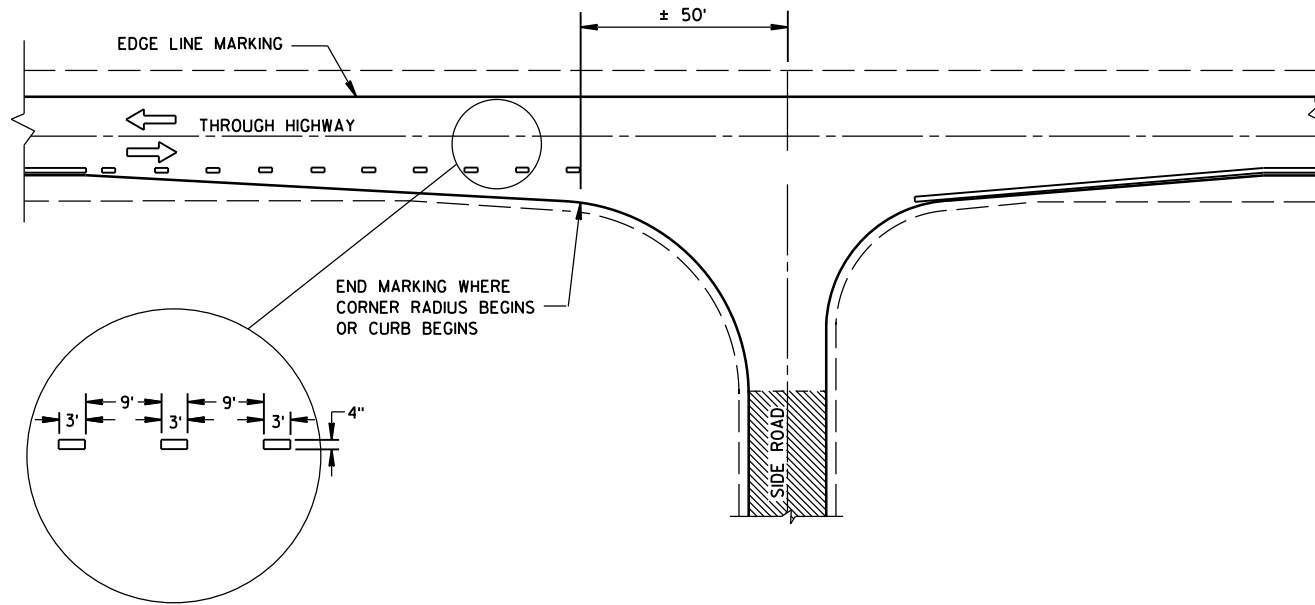
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4-18-2016
DATE

FHWA

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



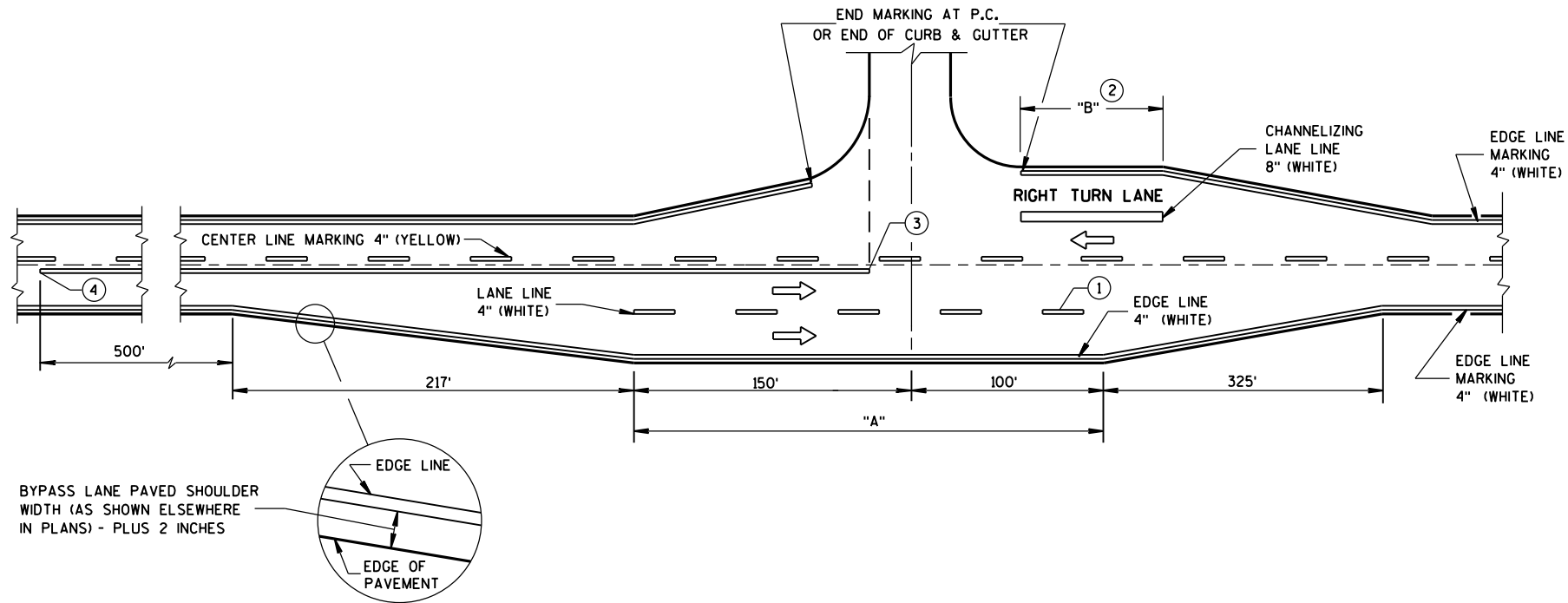
MINOR INTERSECTION WITHOUT CURBS

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 BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.
- ④ BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

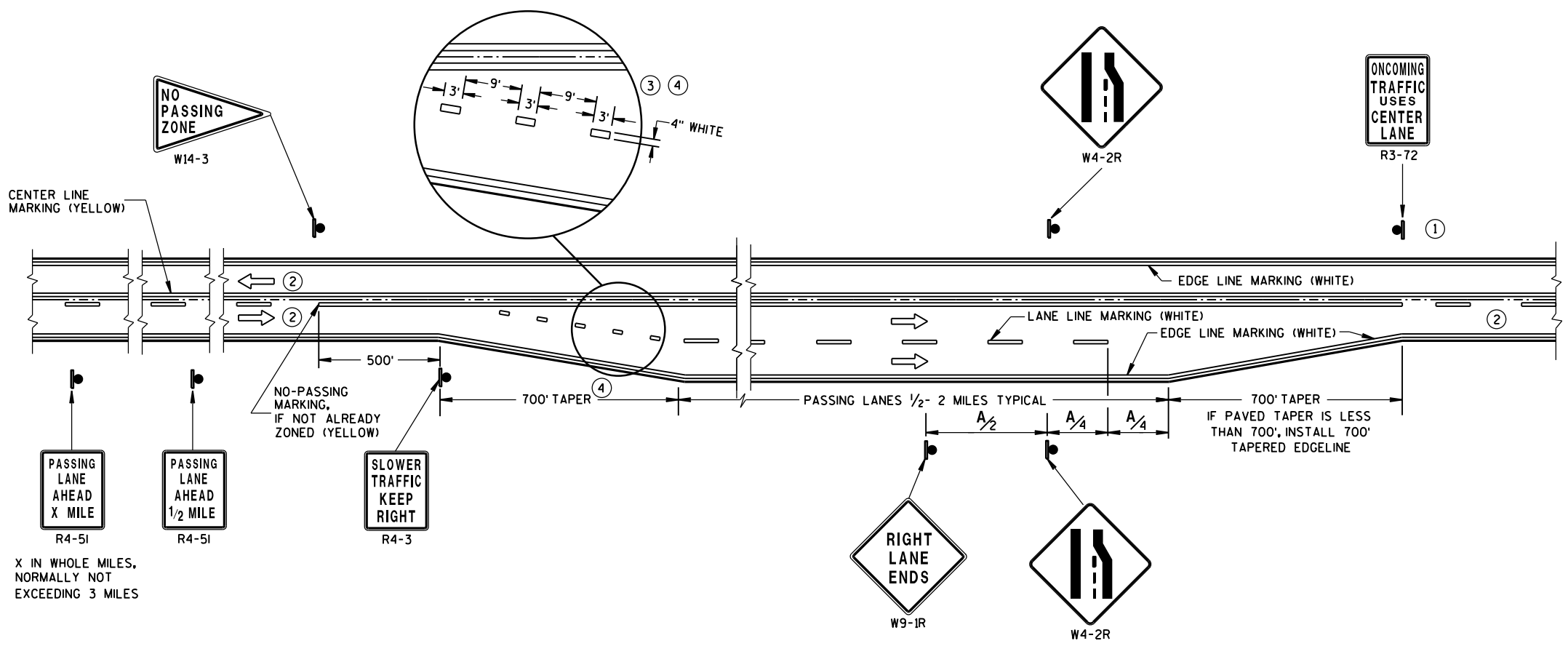
ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL



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

**PAVEMENT MARKING
(INTERSECTIONS)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



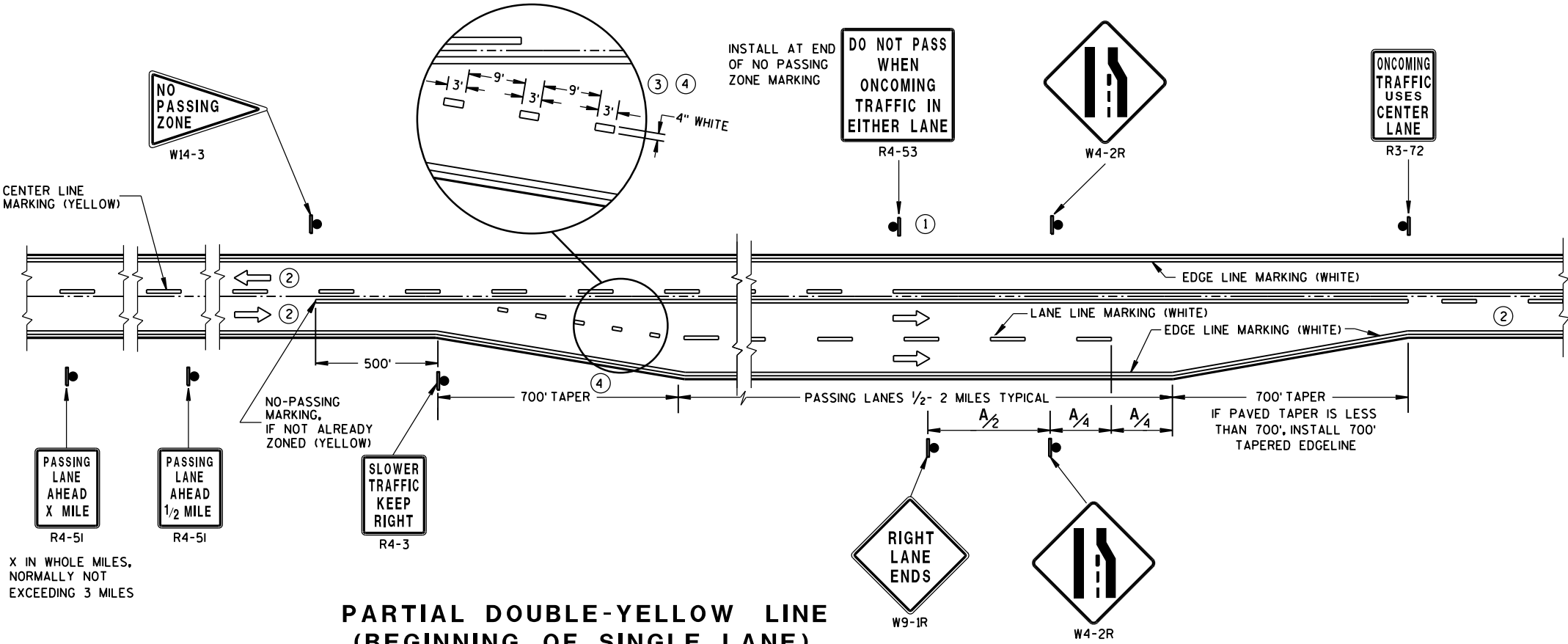
**SOLID DOUBLE-YELLOW LINE
(THROUGHOUT ENTIRE PASSING/CLIMBING LANE)**

GENERAL NOTES

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

ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL

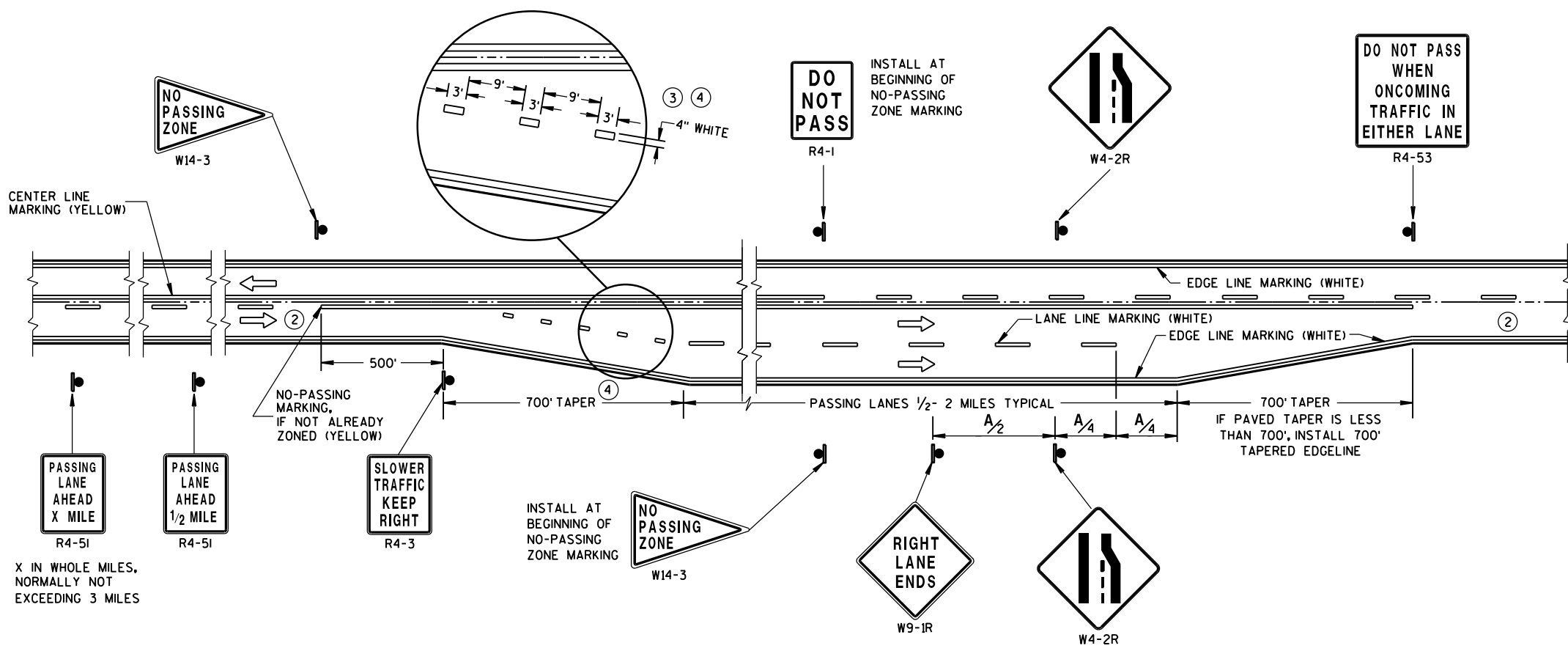
DISTANCE TABLE	
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	750
50	850
55	950



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

PAVEMENT MARKING & SIGNING
(CLIMBING LANE & PASSING LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



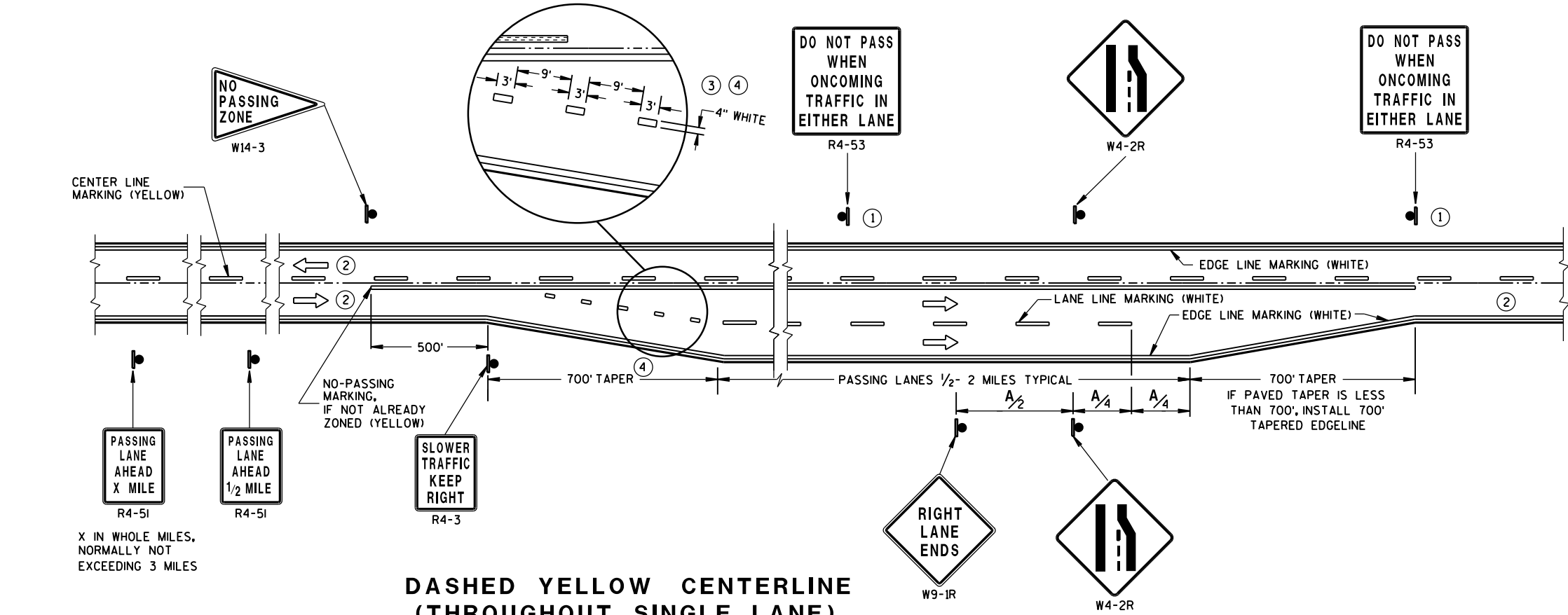
**SOLID DOUBLE-YELLOW LINE
(END OF SINGLE LANE)**

GENERAL NOTES

- ① SIGN SHALL BE REPEATED AT ONE 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



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

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING ENGINEER
FHWA

Notes



Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

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