





## SUMMARY OF QUANTITIES BY ROUTE

ROUTE	TOWN	MM	TO	MM	4" WHITE LINE	MAT.	4" YELLOW LINE	MAT.	8" WHITE LINE	MAT.	8" YELLOW LINE	MAT.	STOP BAR	MAT.	LETTER OR SYM.	MAT.	CROSS WALK	MAT.	REMOVAL	REMARKS
VT 9	BENNINGTON	0.00	-	3.12	33,182	PAINT	29,792	PAINT	-	-	-	-	-	-	-	-	-	-	-	
VT 9	BENNINGTON	5.90	-	6.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VT 9	WOODFORD	0.00	-	9.59	103,700	PAINT	94,245	PAINT	-	-	-	-	-	-	12	PAINT	-	-	-	SCHOOL( 2)
VT 9	SEARSBURG	0.00	-	5.68	61,675	PAINT	56,280	PAINT	-	-	-	-	-	-	-	-	-	-	-	
VT 9	WILMINGTON	0.00	-	7.22	77,617	PAINT	71,819	PAINT	-	-	-	-	36	PAINT	18	PAINT	-	-	-	SCHOOL( 2) ARROW( 2) ONLY( 1)
VT 9	MARLBORO	0.00	-	8.30	90,638	PAINT	86,158	PAINT	-	-	-	-	-	-	18	PAINT	-	-	-	SCHOOL( 3)
VT 9	BRATTLEBORO	0.00	-	4.26	47,346	PAINT	43,456	PAINT	-	-	525	PAINT	-	-	35	PAINT	-	-	-	ARROW( 15) ONLY( 5)
VT 9	BRATTLEBORO	7.10	-	7.25																
	TOTAL VT 9				414,158		381,750		-	-	525		36		83					
VT 78	ALBURGH	0.00	-	3.33	39,164	PAINT	24,864	PAINT	-	-	500	PAINT	20	PAINT	21	PAINT	-	-	-	STOP( 2) AHEAD( 1) ARROW( 2) ONLY( 1) RRXING( 2) PAY ITEM 646.32
VT 78	SWANTON	0.00	-	6.34	65,496	PAINT	44,246	PAINT	-	-	600	PAINT	60	PAINT	45	PAINT	40	PAINT	50	ARROW( 13) ONLY( 8)
VT 78	SWANTON	7.30	-	7.70																REMOVAL=REMOVING STOP BARS IN TURN LANES AT JCT I-89
	TOTAL VT 78				104,660		69,110		-	-	1,100		80		66		40		50	
	SHEET TOTALS				518,818		450,860		-	-	1,625		116		149		40		50	

NOTE: MAT. = MATERIAL USED FOR PAVEMENT MARKING  
 PAINT=PAINT  
 POLY=POLYUREA  
 RPOLY=RECESSED POLYUREA

<b>ROUTE QUANTITIES</b> <b>SHEET 1</b>	PROJECT: <b>STATEWIDE</b>	PROJECT NO.: <b>NHG MARK (204)</b>
	DESIGN FILE NAME: I0b096.dgn IPARM FILE NAME: I0b096rql.l SURVEYED BY: SQUAD LEADER: A GAMBLE	PLOT DATE: 24-MAY-2010 SURVEY DATE: DRAWN BY: KAS SHEET: 3 OF 24

## SUMMARY OF QUANTITIES BY ROUTE

ROUTE	TOWN	MM	TO	MM	4" WHITE LINE	MAT.	4" YELLOW LINE	MAT.	8" WHITE LINE	MAT.	8" YELLOW LINE	MAT.	STOP BAR	MAT.	LETTER OR SYM.	MAT.	CROSS WALK	MAT.	REMOVAL	REMARKS
VT 103	ROCKINGHAM	0.00	-	6.75																MM 0.00 ROCKINGHAM-MM 6.75 ROCKINGHAM 2009 PROJECT (NO WORK)
VT 103	CHESTER	0.00	-	2.00																MM 0.00 CHESTER-MM 2.00 CHESTER 2009 PROJECT (NO WORK)
VT 103	CHESTER	2.00	-	2.60	6,350	PAINT	6,350	PAINT	-	-	-	-	-	-	-	-	-	-	-	
VT 103	CHESTER	4.27	-	9.88	58,802	PAINT	53,647	PAINT	150	PAINT	-	-	-	-	16	PAINT	-	-	-	ARROW(4) ONLY(3)
VT 103	CAVENDISH	0.00	-	3.74	20,477	PAINT	14,432	PAINT	-	-	-	-	-	-	-	-	-	-	-	
VT 103	LUDLOW	0.00	-	1.29	13,335	PAINT	13,245	PAINT	-	-	-	-	-	-	-	-	-	-	-	
VT 103	LUDLOW	2.86	-	5.78	38,026	PAINT	32,090	PAINT	-	-	-	-	-	-	12	PAINT	-	-	-	ARROW(4) ONLY(2)
VT 103	MT HOLLY	0.00	-	7.86	83,820	PAINT	67,755	PAINT	-	-	-	-	-	-	-	-	-	-	-	
VT 103	WALLINGFORD	0.00	-	2.13	22,492	PAINT	22,025	PAINT	-	-	-	-	-	-	-	-	-	-	-	
VT 103	SHREWSBURY	0.00	-	4.24	45,304	PAINT	36,250	PAINT	-	-	-	-	-	-	4	PAINT	-	-	-	RR XING (4) PAY ITEM 646.32
VT 103	CLARENDON	0.00	-	1.97	20,804	PAINT	14,850	PAINT	250	PAINT	150	PAINT	15	PAINT	5	PAINT	-	-	-	YIELD MARKINGS(5)
	VT 103 TOTAL				309,410		260,644		400		150		15		37					
US 4	RUTLAND TOWN	0.00	-	1.23	14,375	PAINT	13,628	PAINT	-	-	160	PAINT	65	PAINT	36	PAINT	-	-	-	SIGNAL(1) AHEAD(1) ARROW(5) ONLY(5)
US 4	MENDON	0.00	-	5.93	69,360	PAINT	63,235	PAINT	-	-	1,600	PAINT	-	-	22	PAINT	-	-	-	ARROW(6) ONLY(4)
US 4	KILLINGTON	0.00	-	8.49	102,734	PAINT	68,414	PAINT	1,075	PAINT	1,600	PAINT	12	PAINT	57	PAINT	-	-	-	STOP(2) AHEAD(1) ARROW(12) ONLY(8)
US 4	BRIDGEWATER	0.00	-	6.00	62,880	PAINT	55,330	PAINT	-	-	-	-	-	-	12	PAINT	60	PAINT	-	SCHOOL(2)
US 4	BRIDGEWATER-WOODSTOCK	6.00	-	5.65	37,752	PAINT	37,752	PAINT	-	-	350	PAINT	-	-	32	PAINT	30	PAINT	-	SCHOOL(2) ARROW(4) ONLY(4)
US 4	WOODSTOCK	7.22	-	9.65	25,300	PAINT	25,300	PAINT	-	-	-	-	-	-	-	-	30	PAINT	-	MM 6.00 BRIDGEWATER-MM 5.65 WOODSTOCK TOUCH-UP
US 4	HARTLAND	0.00	-	0.77	8,130	PAINT	8,130	PAINT	-	-	-	-	-	-	-	-	-	-	-	
US 4	HARTFORD	0.00	-	9.35	99,792	PAINT	93,544	PAINT	250	PAINT	750	PAINT	12	PAINT	64	PAINT	90	PAINT	128	STOP(2) AHEAD(1) ARROW(11) DBL ARROW(3) ONLY(6) YIELD(2) REMOVAL=YIELD LETTERS TO YIELD MARKINGS
	US 4 TOTALS				420,323		365,333		1,325		4,460		89		223		210		128	
	SHEET TOTALS				729,733		625,977		1,725		4,610		104		260		210		128	

NOTE: MAT. = MATERIAL USED FOR PAVEMENT MARKING  
 PAINT=PAINT  
 POLY=POLYUREA  
 RPOLY=RECESSED POLYUREA

<b>ROUTE QUANTITIES</b>  <b>SHEET 2</b>	PROJECT: <b>STATEWIDE</b>	PROJECT NO.: <b>NHG MARK (204)</b>
	DESIGN FILE NAME: I0b096.dgn IPARM FILE NAME: I0b096rq2.1 SURVEYED BY: SQUAD LEADER: A GAMBLE	PLOT DATE: 24-MAY-2010 SURVEY DATE: DRAWN BY: KAS SHEET: 4 OF 24

## SUMMARY OF QUANTITIES BY ROUTE

ROUTE	TOWN	MM	TO	MM	4" WHITE LINE	MAT.	4" YELLOW LINE	MAT.	8" WHITE LINE	MAT.	8" YELLOW LINE	MAT.	STOP BAR	MAT.	LETTER OR SYM.	MAT.	CROSS WALK	MAT.	REMOVAL	REMARKS
US 2	BERLIN	0.00	-	1.39	14,680	PAINT	14,290	PAINT	-	-	-	-	-	-	-	-	-	-	-	
US 2	BARRE TOWN	0.00	-	0.09	910	PAINT	570	PAINT	-	-	-	-	-	-	-	-	-	-	-	
US 2	EAST MONTPELIER	0.00	-	4.82	50,900	PAINT	44,730	PAINT	-	-	-	-	20	PAINT	13	PAINT	-	-	-	STOP( 2) AHEAD( 1)
US 2	PLAINFIELD	0.00	-	1.49	15,788	PAINT	12,618	PAINT	-	-	-	-	-	-	-	-	26	PAINT	-	
US 2	MARSHFIELD	0.00	-	8.21	86,785	PAINT	84,540	PAINT	-	-	-	-	-	-	6	PAINT	-	-	-	ARROW( 2) ONLY( 1)
US 2	CABOT	0.00	-	6.23	67,600	PAINT	64,100	PAINT	-	-	-	-	-	-	-	-	-	-	-	
US 2	DANVILLE	0.00	-	6.50	68,900	PAINT	64,970	PAINT	-	-	-	-	-	-	18	PAINT	98	PAINT	-	SCHOOL( 3)
US 2	DANVILLE	6.50	-	9.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE ROUTE QUANTITIES SHEET 5
US 2	ST JOHNSBURY	0.00	-	2.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE ROUTE QUANTITIES SHEET 5
US 2	ST JOHNSBURY	4.70	-	8.64	41,760	PAINT	40,660	PAINT	325	PAINT	-	-	-	-	5	PAINT	-	-	72	YIELD MARKINGS( 5) REMOVAL=YIELD LETTERS TO YIELD MARKINGS
US 2	KIRBY	0.00	-	0.97	10,190	PAINT	10,190	PAINT	-	-	-	-	-	-	-	-	-	-	-	
US 2	CONCORD	0.00	-	10.78	112,930	PAINT	94,320	PAINT	-	-	-	-	-	-	-	-	-	-	-	
US 2	LUNENBURG	0.00	-	9.03	94,616	PAINT	80,696	PAINT	500	PAINT	-	-	-	-	12	PAINT	70	PAINT	-	SCHOOL( 2)
US 2	GUILDHALL	0.00	-	1.16	12,220	PAINT	10,450	PAINT	-	-	-	-	-	-	-	-	-	-	-	
	TOTAL US 2				577,279		522,134		825				20		54		194		72	
	SHEET TOTALS				577,279		522,134		825				20		54		194		72	

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<b>ROUTE QUANTITIES</b> <b>SHEET 3</b>	PROJECT: <b>STATEWIDE</b>	PROJECT NO.: <b>NHG MARK (204)</b>
	DESIGN FILE NAME: I0b096.dgn IPARM FILE NAME: I0b096rq3.1 SURVEYED BY: SQUAD LEADER: A GAMBLE	PLOT DATE: 24-MAY-2010 SURVEY DATE: DRAWN BY: KAS SHEET: 5 OF 24

## SUMMARY OF QUANTITIES BY ROUTE

ROUTE	TOWN	MM	TO	MM	4" WHITE LINE	MAT.	4" YELLOW LINE	MAT.	8" WHITE LINE	MAT.	8" YELLOW LINE	MAT.	STOP BAR	MAT.	LETTER OR SYM.	MAT.	CROSS WALK	MAT.	REMOVAL	REMARKS
US 7	POWNAI	0.00	-	7.99	86,624	PAINT	79,694	PAINT	-	-	1,200	PAINT	-	-	60	PAINT	-	-	-	ARROW( 12) ONLY( 9) SCHOOL( 2)
US 7	BENNINGTON	0.00	-	2.16	22,810	PAINT	22,810	PAINT	-	-	-	-	-	-	-	-	-	-	-	
US 7	DORSET	1.75	-	6.72	53,084	PAINT	31,404	PAINT	-	-	500	PAINT	-	-	25	PAINT	-	-	-	ARROW( 5) ONLY( 5)
US 7	MT TABOR	0.00	-	4.18	44,140	PAINT	21,650	PAINT	-	-	-	-	-	-	-	-	-	-	-	
US 7	DANBY	0.00	-	2.47	26,084	PAINT	16,834	PAINT	-	-	-	-	-	-	-	-	-	-	-	
US 7	WALLINGFORD	0.00	-	6.48	67,494	PAINT	62,536	PAINT	-	-	-	-	22	PAINT	-	-	60	PAINT	-	
US 7	WALLINGFORD/RUTLAND TOWN	6.48	-	1.18																SEE ROUTE QUANTITIES SHEET 5
US 7	RUTLAND TOWN	1.18	-	3.97	30,938	PAINT	27,444	PAINT	350	PAINT	-	-	50	PAINT	51	PAINT	-	-	-	ARROW( 5) ONLY( 3) DBLARROW( 6) SIGNAL( 2) AHEAD( 2)
US 7	PITTSFORD	0.00	-	7.59	81,796	PAINT	74,430	PAINT	325	PAINT	600	PAINT	-	-	43	PAINT	80	PAINT	-	ARROW( 7) ONLY( 6) SCHOOL( 2)
US 7	BRANDON	0.00	-	0.70	44,930	PAINT	35,505	PAINT	-	-	700	PAINT	-	-	29	PAINT	-	-	-	ARROW( 7) ONLY( 4) SCHOOL( 1)
US 7	BRANDON	4.35	-	7.45																BRANDON 0.70-BRANDON 3.36 2010 PROJECT
US 7	LEICESTER	0.00	-	3.43	36,220	PAINT	22,630	PAINT	-	-	-	-	-	-	12	PAINT	-	-	-	SCHOOL( 2)
US 7	SALISBURY	0.00	-	4.50	47,520	PAINT	31,825	PAINT	-	-	-	-	-	-	-	-	-	-	-	
US 7	MIDDLEBURY	0.00	-	4.28	64,557	PAINT	51,712	PAINT	190	PAINT	1,675	PAINT	96	PAINT	109	PAINT	120	PAINT	-	ARROW( 19) ONLY( 13) DBLARROW( 2) SIGNAL( 2) AHEAD( 2) SCHOOL( 2)
US 7	MIDDLEBURY	5.71	-	7.48																
US 7	NEW HAVEN	0.00	-	6.10	67,066	PAINT	51,486	PAINT	-	-	800	PAINT	-	-	18	PAINT	-	-	-	ARROW( 4) ONLY( 3) RRXING( 2)
US 7	NEW HAVEN	6.10	-	7.70	133,584	PAINT	46,755	PAINT	-	-	-	-	-	-	-	-	-	-	-	SEE NOTE BELOW
US 7	WALTHAM	0.00	-	1.64																ARROW( 21) ONLY( 15) SIGNAL( 2) AHEAD( 3) SCHOOL( 2)
US 7	FERRISBURGH	0.00	-	7.29					200	PAINT	-	-	116	PAINT	132	PAINT	-	-	-	YIELD( 1) YIELDMARKINGS( 5) RRXING( 2)
US 7	CHARLOTTE	0.00	-	6.55	72,243	PAINT	51,953	PAINT	-	-	925	PAINT	80	PAINT	60	PAINT	-	-	108	ARROW( 6) ONLY( 5) DBLARROW( 6) SIGNAL( 2) AHEAD( 2)
US 7	SHELBURNE	0.00	-	2.60	29,631	PAINT	28,621	PAINT	-	-	1,200	PAINT	52	PAINT	128	PAINT	100	PAINT	-	ARROW( 20) ONLY( 16) SIGNAL( 4) AHEAD( 4)
US 7	SO. BURLINGTON	0.98	-	1.72	9,120	PAINT	15,000	PAINT	450	PAINT	250	PAINT	384	PAINT	98	PAINT	275	PAINT	1,764	REMOVAL=REALIGNING ARROW'S AND ONLY'S TO 2009 MUTCD
	US 7 TOTALS				917,841		672,289		1,515		7,850		800		765		635		1,872	
	PROJECT TOTALS				2,743,671		2,271,260		4,065		14,085		1,040		1,228		1,079		2,122	

NOTE: MAT. = MATERIAL USED FOR PAVEMENT MARKING  
 PAINT=PAINT  
 POLY=POLYUREA

NOTE: MM 6.10 NEW HAVEN-MM 7.29 FERRISBURGH  
 2008 PROJECT PAINT ALL WHITE E/L AND LANE LINES,  
 STENCIL'S AND APPROX. 35% OF YELLOW C/L.

**ROUTE QUANTITIES**  
**SHEET 4**

PROJECT: <b>STATEWIDE</b>	PROJECT NO.: <b>NHG MARK (204)</b>
DESIGN FILE NAME: I0b096.dgn	PLOT DATE: 24-MAY-2010
IPARM FILE NAME: I0b096rq4.i	SURVEY DATE:
SURVEYED BY:	DRAWN BY: KAS
SQUAD LEADER: A GAMBLE	SHEET: 6 OF 24

## SUMMARY OF QUANTITIES BY ROUTE

ROUTE	TOWN	MM	TO	MM	6" WHITE LINE	MAT.	6" YELLOW LINE	MAT.	12" WHITE LINE	MAT.	12" YELLOW LINE	MAT.	STOP BAR	MAT.	LETTER OR SYM.	MAT.	CROSS WALK	MAT.	REMOVAL	REMARKS
US 2	DANVILLE	6.50	-	9.13	34,715	POLY	27,775	POLY	-	-	-	-	-	-	-	-	-	-	-	
US 2	ST JOHNSBURY	0.00	-	2.68	35,375	POLY	28,300	POLY	1,775	POLY	-	-	60	PAINT	47	PAINT	-	-	-	SEE HAND WORK SHEETS #6 AND #7 FOR
																				SUMMARY OF HAND WORK FOR US 2 AND US 7
	US 2 TOTAL				70,090	POLY	56,075	POLY	1,775	POLY			60	PAINT	47	PAINT				
US 7	WALLINGFORD	6.48	-	7.10	6,550	POLY	6,550	POLY	-	POLY	-	-	-	-	-	-	-	-	-	
					1,640	RPOLY														10' C/L DASHES AND WHITE LANE LINES
US 7	CLARENDON	0.00	-	5.66	59,770	POLY	59,770	POLY	900	-	-	-	254	PAINT	342	PAINT	-	-	-	SHALL BE RECESSED POLYUREA
					20,230	RPOLY														SEE HAND WORK SHEETS #6 AND #7 FOR
US 7	RUTLAND TOWN	0.00	-	1.18	12,460	POLY	12,460	POLY	-	-	-	-	408	PAINT	150	PAINT	-	-	-	SUMMARY OF HAND WORK FOR US 2 AND US 7
					6,845	RPOLY														
	US 7 TOTAL				78,780	POLY	78,780	POLY	900	POLY			662	PAINT	492	PAINT				
					28,715	RPOLY														
	PROJECT TOTALS																			
	TOTAL POLYUREA				148,870		134,855		2,675											
	TOTAL RECESSED POLYUREA				28,715															
	TOTAL PAINT												722	PAINT	539	PAINT				

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 POLY=POLYUREA  
 RPOLY=RECESSED POLYUREA

<b>ROUTE QUANTITIES</b>  <b>SHEET 5</b>	PROJECT: <b>STATEWIDE</b>	PROJECT NO.: <b>NHG MARK (204)</b>
	DESIGN FILE NAME: I0b096.dgn IPARM FILE NAME: I0b096rql.l SURVEYED BY: SQUAD LEADER: A GAMBLE	PLOT DATE: 24-MAY-2010 SURVEY DATE: DRAWN BY: KAS SHEET: 7 OF 24

## SUMMARY OF HAND WORK BY ROUTE

ROUTE	TOWN	MM	STENCIL	4" WHITE LINE	8" YELLOW LINE	8" WHITE LINE	STOP BAR	LETTER & SYM.	CROSS WALK	REMOVAL	REMARKS
VT 9	WOODFORD	0.83	SCHOOL(1)	-	-	-	-	6	-	-	
VT 9	WOODFORD	1.19	SCHOOL(1)	-	-	-	-	6	-	-	
VT 9	WILMINGTON	3.06	STOP BAR	-	-	-	12 FEET	-	-	-	JCT TH 8
VT 9	WILMINGTON	3.08	STOP BAR	-	-	-	12 FEET	-	-	-	JCT VT 100 NB
VT 9	WILMINGTON	3.10	STOP BAR	-	-	-	12 FEET	-	-	-	JCT VT 100 NB
VT 9	WILMINGTON	3.21	SCHOOL(1)	-	-	-	-	6	-	-	
VT 9	WILMINGTON	3.30	SCHOOL(1)	-	-	-	-	6	-	-	
VT 9	WILMINGTON	3.30	ARROW(2) ONLY(1)	125 FEET	-	-	-	6	-	-	
VT 9	MARLBORO	5.50	SCHOOL(1)	-	-	-	-	6	-	-	
VT 9	MARLBORO	5.80	SCHOOL(2)	-	-	-	-	12	-	-	
VT 9	BRATTLEBORO	3.23	ARROW(2) ONLY(1)	150 FEET	-	-	-	6	-	-	JCT WEST BROOK COURT
VT 9	BRATTLEBORO	3.23	ARROW(3) ONLY(3)	325 FEET	250 FEET	-	-	15	-	-	JCT WEST BROOK COURT
VT 9	BRATTLEBORO	3.33	ARROW(2) ONLY(1)	160 FEET	-	-	-	6	-	-	JCT WEST GATE DRIVE
VT 9	BRATTLEBORO	3.55	ARROW(8)	-	275 FEET	-	-	8	-	-	2-WAY TURN LANE (CUMBY' S)
	TOTAL VT 9			760 FEET	525 FEET		36 FEET	83			
VT 78	ALBURGH	0.00	STOP (1)	-	-	-	20 FEET	4	-	-	JCT US 2
VT 78	ALBURGH	0.23	STOP (1) AHEAD(1)	200 FEET	500 FEET	-	60 FEET	9	-	-	
VT 78	ALBURGH	2.65	RR XING(1)	-	-	-	-	1	-	-	PAY ITEM 646.32
VT 78	ALBURGH	2.72	ARROW(2) ONLY(1)	-	-	-	-	6	-	-	JCT TH 50
VT 78	ALBURGH	2.90	RR XING(1)	-	-	-	-	1	-	-	PAY ITEM 646.32
VT 78	SWANTON	7.50	ARROW(13) ONLY(8)	1,055 FEET	600 FEET	-	-	45	40 FEET	50 FEET	JCT I-89 AND SHOPPING CTR
				-	-						REMOVAL=REMOVING STOP BARS
	TOTAL VT 78			1,255 FEET	1,100 FEET		80 FEET	66	40 FEET	50 FEET	IN TURN LANES AT JCT I-89
VT 103	CHESTER	7.80	ARROW(4) ONLY(3)	600 FEET	-	150 FEET	-	16	-	-	JCT VT 10
VT 103	LUDLOW	4.05	ARROW(4) ONLY(2)	400 FEET	-	-	-	12	-	-	JCT VT 100 NB
VT 103	SHREWSBURY	2.18	RR XING(1)	-	-	-	-	1	-	-	PAY ITEM 646.32
VT 103	SHREWSBURY	2.45	RR XING(1)	-	-	-	-	1	-	-	PAY ITEM 646.32
VT 103	SHREWSBURY	3.79	RR XING(1)	-	-	-	-	1	-	-	PAY ITEM 646.32
VT 103	SHREWSBURY	3.95	RR XING(1)	-	-	-	-	1	-	-	PAY ITEM 646.32
VT 103	CLARENDON	3.95	YIELD MARKINGS(5)	-	150 FEET	250 FEET	15 FEET	5	-	-	JCT US 7
	TOTAL VT 103			1,000 FEET	150 FEET	400 FEET	15 FEET	37			

**HAND WORK  
QUANTITIES SHEET 1**

PROJECT:	<b>STATEWIDE</b>	PROJECT NO.:	<b>NHE MARK (204)</b>
DESIGN FILE NAME:	I0b096.dgn	PLOT DATE:	24-MAY-2010
IPARM FILE NAME:	I0b096hwl.t	SURVEY DATE:	
SURVEYED BY:		DRAWN BY:	KAS
SQUAD LEADER:	A GAMBLE	SHEET:	8 OF 24

## SUMMARY OF HAND WORK BY ROUTE

ROUTE	TOWN	MM	STENCIL	4" WHITE LINE	8" YELLOW LINE	8" WHITE LINE	STOP BAR	LETTER & SYM.	CROSS WALK	REMOVAL	REMARKS
US 4	RUTLAND TOWN	0.20	ARROW( 5) ONLY( 5)	450 FEET	160 FEET	-	65 FEET	25	-	-	JCT HOME DEPOT
US 4	RUTLAND TOWN	0.35	SIGNAL( 1) AHEAD( 1)	-	-	-	-	11	-	-	
US 4	MENDON	0.00	ARROW( 4) ONLY( 3)	400 FEET	600 FEET	-	-	16	-	-	JCT TOWN LINE RD
US 4	MENDON	1.25	ARROW( 2) ONLY( 1)	250 FEET	1000 FEET	-	-	6	-	-	JCT MEADOWLAKE DRIVE
US 4	KILLINGTON	1.13	STOP ( 2) AHEAD( 1)	-	-	250 FEET	12 FEET	13	-	-	JCT JUGHANDLE
US 4	KILLINGTON	2.20	ARROW( 3) ONLY( 2)	300 FEET	800 FEET	825 FEET	-	11	-	-	JCT VT 100 NB
US 4	KILLINGTON	2.28	ARROW( 3) ONLY( 2)	250 FEET	-	-	-	11	-	-	JCT VT 100 NB
US 4	KILLINGTON	2.34	ARROW( 6) ONLY( 4)	800 FEET	800 FEET	-	-	22	-	-	JCT KILLINGTON ACCESS RD
US 4	BRIDGEWATER	7.20	SCHOOL( 1)	-	-	-	-	6	-	-	
US 4	BRIDGEWATER	7.28	CROSSWALK	-	-	-	-	-	30 FEET	-	
US 4	BRIDGEWATER	7.37	SCHOOL( 1)	-	-	-	-	6	-	-	
US 4	BRIDGEWATER	7.47	CROSSWALK	-	-	-	-	-	30 FEET	-	
US 4	WOODSTOCK	3.10	ARROW( 2) ONLY( 2)	200 FEET	200 FEET	-	-	10	-	-	JCT TH 35 ( COVERED BRIDGE)
US 4	WOODSTOCK	4.45	SCHOOL( 1)	-	-	-	-	6	-	-	
US 4	WOODSTOCK	4.58	ARROW( 2) ONLY( 2)	200 FEET	150 FEET	-	-	10	-	-	JCT WOODSTOCK HIGH SCHOOL
US 4	WOODSTOCK	4.68	CROSSWALK	-	-	-	-	-	30 FEET	-	
US 4	WOODSTOCK	4.72	SCHOOL( 1)	-	-	-	-	6	-	-	
US 4	WOODSTOCK	7.05	CROSSWALK	-	-	-	-	-	30 FEET	-	
US 4	HARTFORD	3.20	CROSSWALK	-	-	-	-	-	30 FEET	-	QUECHEE GORGE BRIDGE
US 4	HARTFORD	3.27	CROSSWALK	-	-	-	-	-	30 FEET	-	QUECHEE GORGE BRIDGE
US 4	HARTFORD	3.40	CROSSWALK	-	-	-	-	-	30 FEET	-	QUECHEE WELCOME CENTER
US 4	HARTFORD	3.95	ARROW( 2) ONLY( 1)	200 FEET	200 FEET	-	-	6	-	-	JCT TH 51
US 4	HARTFORD	5.10	ARROW( 2) ONLY( 1)	175 FEET	-	-	-	6	-	-	JCT TH 49
US 4	HARTFORD	5.86	ARROW( 2) ONLY( 1)	175 FEET	-	-	-	6	-	-	JCT QUECHEE ST HWY ( I-89 SB)
US 4	HARTFORD	6.50	ARROW( 3) ONLY( 2)	250 FEET	500 FEET	-	-	11	-	-	JCT I-89 NB
US 4	HARTFORD	9.20	STOP( 1) AHEAD( 1)	-	-	-	-	9	-	-	
US 4	HARTFORD	9.35	STOP( 1) YIELD MARKINGS( 10)	100 FEET	50 FEET	250 FEET	12 FEET	26	-	128 FEET	JCT US 5
			ARROW( 2) ONLY( 1) DBL ARROW( 3)								REMOVAL=YIELD LETTERS TO YIELD MARKINGS
	TOTAL US 4			3,750 FEET	4,460 FEET	1,325 FEET	89 FEET	223	210 FEET	128 FEET	

<b>HAND WORK QUANTITIES SHEET 2</b>	PROJECT: <b>STATEWIDE</b>	PROJECT NO.: <b>NHG MARK (204)</b>
	DESIGN FILE NAME: I0b096.dgn	PLOT DATE: 24-MAY-2010
	IPARM FILE NAME: I0b096hw2.t	SURVEY DATE:
	SURVEYED BY:	DRAWN BY: KAS
	SQUAD LEADER: A GAMBLE	SHEET: 9 OF 24



## SUMMARY OF HAND WORK BY ROUTE

ROUTE	TOWN	MM	STENCIL	4" WHITE LINE	8" YELLOW LINE	8" WHITE LINE	STOP BAR	LETTER & SYM.	CROSS WALK	REMOVAL	REMARKS
US 7	POWNAL	1.86	ARROW( 8) ONLY( 7)	700 FEET	500 FEET	-	-	36	-	-	JCT VT 346
US 7	POWNAL	4.75	ARROW( 2) ONLY( 1)	175 FEET	500 FEET	-	-	6	-	-	JCT BARBER POND RD
US 7	POWNAL	4.85	ARROW( 2) ONLY( 1)	175 FEET	200 FEET	-	-	6	-	-	JCT NORTH POWNAL RD
US 7	POWNAL	5.14	SCHOOL( 1)	-	-	-	-	6	-	-	
US 7	POWNAL	5.37	SCHOOL( 1)	-	-	-	-	6	-	-	
US 7	DORSET	5.20	ARROW( 5) ONLY( 5)	575 FEET	500 FEET	-	-	25	-	-	JCT EMERALD LAKE STATE PARK
US 7	WALLINGFORD	5.42	STOP BAR CROSSWALK	-	-	-	22 FEET	-	60 FEET	-	JCT VT 140
US 7	RUTLAND TOWN	1.46	STOP BAR DBL ARROW( 6)	-	-	-	50 FEET	12	-	-	JCT POST RD
US 7	RUTLAND TOWN	1.61	SIGNAL( 2) AHEAD( 2)	-	-	-	-	22	-	-	
US 7	RUTLAND TOWN	1.65	8' ' WHITE LINE	100 FEET	-	350 FEET	-	-	-	-	JCT EAST PITTSFORD RD
US 7	RUTLAND TOWN	3.35	ARROW( 2) ONLY( 1)	150 FEET	-	-	-	6	-	-	JCT SUGARWOOD HILL RD
US 7	RUTLAND TOWN	3.50	ARROW( 3) ONLY( 2)	200 FEET	-	-	-	11	-	-	JCT PINNACLE HILL RD
US 7	PITTSFORD	2.80	8' ' WHITE LINE	-	-	325 FEET	-	-	-	-	JCT VT 3
US 7	PITTSFORD	2.90	CROSSWALK	-	-	-	-	-	25 FEET	-	
US 7	PITTSFORD	3.34	SCHOOL( 1)	-	-	-	-	6	-	-	
US 7	PITTSFORD	3.42	CROSSWALK	-	-	-	-	-	25 FEET	-	
US 7	PITTSFORD	3.55	SCHOOL( 1)	-	-	-	-	6	-	-	
US 7	PITTSFORD	3.87	CROSSWALK	-	-	-	-	-	30 FEET	-	
US 7	PITTSFORD	5.02	ARROW( 7) ONLY( 6)	775 FEET	600 FEET	-	-	31	-	-	JCT FLORENCE RD
US 7	BRANDON	0.51	SCHOOL( 1)	-	-	-	-	6	-	-	
US 7	BRANDON	4.40	ARROW( 2) ONLY( 1)	200 FEET	200 FEET	-	-	6	-	-	JCT MCDONALDS
US 7	BRANDON	5.35	ARROW( 5) ONLY( 3)	500 FEET	500 FEET	-	-	17	-	-	JCT TH 7
US 7	LEICESTER	1.35	SCHOOL( 1)	-	-	-	-	6	-	-	
US 7	LEICESTER	1.58	SCHOOL( 1)	-	-	-	-	6	-	-	
US 7	MIDDLEBURY	1.23	ARROW( 3) ONLY( 3)	425 FEET	250 FEET	190 FEET	-	15	-	-	JCT VT 125 EAST
US 7	MIDDLEBURY	3.85	SIGNAL( 1) AHEAD( 1)	-	-	-	-	11	-	-	
US 7	MIDDLEBURY	3.96	ARROW( 8) ONLY( 6) DBL ARROW( 2)	1000 FEET	1100 FEET	-	48 FEET	36	60 FEET	-	JCT MCDONALDS
US 7	MIDDLEBURY	4.08	ARROW( 4) ONLY( 2)	300 FEET	250 FEET	-	48 FEET	12	60 FEET	-	JCT CITIZENS BANK
US 7	MIDDLEBURY	4.20	ARROW( 4) ONLY( 2)	250 FEET	75 FEET	-	-	12	-	-	JCT CHITTENDEN BANK
US 7	MIDDLEBURY	4.23	SIGNAL( 1) AHEAD( 1)	-	-	-	-	11	-	-	
US 7	MIDDLEBURY	6.55	SCHOOL( 1)	-	-	-	-	6	-	-	
US 7	MIDDLEBURY	6.73	SCHOOL( 1)	-	-	-	-	6	-	-	
US 7	NEW HAVEN	5.35	ARROW( 3) ONLY( 2)	250 FEET	400 FEET	-	-	11	-	-	JCT VT 17 EAST
US 7	NEW HAVEN	5.36	RR XING ( 1)	-	-	-	-	1	-	-	PAY ITEM 646.32
US 7	NEW HAVEN	5.47	ARROW( 2) ONLY( 1)	160 FEET	400 FEET	-	-	6	-	-	JCT VT 17 WEST
US 7	NEW HAVEN	5.60	RR XING ( 1)	-	-	-	-	1	-	-	PAY ITEM 646.32

<b>HAND WORK QUANTITIES SHEET 4</b>	PROJECT:	<b>STATEWIDE</b>	PROJECT NO.:	<b>NHG MARK (204)</b>
	DESIGN FILE NAME:	I0b096.dgn	PLOT DATE:	24-MAY-2010
	IPARM FILE NAME:	I0b096hw4.t	SURVEY DATE:	
	SURVEYED BY:		DRAWN BY:	KAS
	SQUAD LEADER:	A GAMBLE	SHEET:	II OF 24

## SUMMARY OF HAND WORK BY ROUTE

ROUTE	TOWN	MM	STENCIL	4" WHITE LINE	8" YELLOW LINE	8" WHITE LINE	STOP BAR	LETTER & SYM.	CROSS WALK	REMOVAL	REMARKS
US 7	FERRISBURGH	0.20	ARROW( 3) ONLY( 3)	625 FEET	-	-	-	15	-	-	JCT FERRISBURGH ST HWY
US 7	FERRISBURGH	0.64	ARROW( 6) ONLY( 5)	700 FEET	-	-	80 FEET	26	-	-	JCT MONKTON RD
US 7	FERRISBURGH	0.69	RR XING ( 1)	-	-	-	-	1	-	-	PAY ITEM 646.32
US 7	FERRISBURGH	0.93	RR XING ( 1)	-	-	-	-	1	-	-	PAY ITEM 646.32
US 7	FERRISBURGH	1.40	SIGNAL( 1) AHEAD( 1)	-	-	-	-	11	-	-	
US 7	FERRISBURGH	1.50	ARROW( 4) ONLY( 3) YIELD( 1)	-	-	200 FEET	36 FEET	31	-	-	JCT VT 22A
			AHEAD( 1) YIELD MARKINGS( 5)								
US 7	FERRISBURGH	1.70	SIGNAL( 1) AHEAD( 1)	-	-	-	-	11	-	-	
US 7	FERRISBURGH	3.07	SCHOOL( 1)	-	-	-	-	6	-	-	
US 7	FERRISBURGH	3.12	ARROW( 4) ONLY( 2)	300 FEET	-	-	-	12	-	-	JCT MIDDLE BROOK RD
US 7	FERRISBURGH	3.16	SCHOOL( 1)	-	-	-	-	6	-	-	
US 7	FERRISBURGH	6.95	ARROW( 4) ONLY( 2)	250 FEET	-	-	-	12	-	-	JCT STAGE RD
US 7	CHARLOTTE	3.23	SIGNAL( 1) AHEAD( 1)	-	-	-	-	11	-	-	
US 7	CHARLOTTE	3.45	ARROW( 6) ONLY( 5) DBL ARROW( 6)	750 FEET	925 FEET	-	80 FEET	38	-	108 FEET	JCT F-5
US 7	CHARLOTTE	3.72	SIGNAL( 1) AHEAD( 1)	-	-	-	-	11	-	-	REMOVAL=REALIGNING ARROWS+ONLYS
US 7	SHELBURNE	0.55	ARROW( 5) ONLY( 5)	450 FEET	500 FEET	-	-	25	-	-	JCT TEDDY BEAR FACTORY RD
US 7	SHELBURNE	1.02	SIGNAL( 1) AHEAD( 1)	-	-	-	-	11	-	-	
US 7	SHELBURNE	1.14	STOP BAR	-	-	-	30 FEET	-	-	-	JCT BOSTWICK RD
US 7	SHELBURNE	1.23	ARROW( 2) ONLY( 2)	200 FEET	-	-	-	10	-	-	JCT SHELBURNE MUSEUM
US 7	SHELBURNE	1.27	SIGNAL( 1) AHEAD( 1)	-	-	-	-	11	-	-	
US 7	SHELBURNE	1.67	CROSSWALK	-	-	-	-	-	30 FEET	-	
US 7	SHELBURNE	1.78	CROSSWALK	-	-	-	-	-	30 FEET	-	
US 7	SHELBURNE	1.80	SIGNAL( 1) AHEAD( 1)	-	-	-	-	11	-	-	
US 7	SHELBURNE	2.00	ARROW( 4) ONLY( 2)	300 FEET	150 FEET	-	22 FEET	12	40 FEET	-	JCT HARBOR RD
US 7	SHELBURNE	2.10	SIGNAL( 1) AHEAD( 1)	-	-	-	-	11	-	-	
US 7	SHELBURNE	2.30	ARROW( 4) ONLY( 2)	200 FEET	250 FEET	-	-	12	-	-	JCT TD BANK NORTH
US 7	SHELBURNE	2.50	ARROW( 5) ONLY( 5)	600 FEET	300 FEET	-	-	25	-	-	JCT HARBOR INDUSTRIES
US 7	SO. BURLINGTON	1.01	ARROW( 2)	-	-	-	-	2	-	-	TWO-WAY TURN LANE ARROWS
US 7	SO. BURLINGTON	1.06	ARROW( 2)	-	-	-	-	2	-	-	TWO-WAY TURN LANE ARROWS
US 7	SO. BURLINGTON	1.14	ARROW( 7) ONLY( 4)	350 FEET	-	-	84 FEET	23	75 FEET	404 FEET	JCT MCDONALDS
US 7	SO. BURLINGTON	1.24	ARROW( 4) ONLY( 2)	200 FEET	-	-	72 FEET	12	-	340 FEET	JCT BALDWIN AVE
US 7	SO. BURLINGTON	1.29	ARROW( 2)	-	-	-	-	2	-	-	TWO-WAY TURN LANE ARROWS
US 7	SO. BURLINGTON	1.32	ARROW( 2)	-	-	-	-	2	-	-	TWO-WAY TURN LANE ARROWS
US 7	SO. BURLINGTON	1.34	ARROW( 2)	-	-	-	-	2	-	-	TWO-WAY TURN LANE ARROWS
US 7	SO. BURLINGTON	1.37	ARROW( 2)	-	-	-	-	2	-	-	TWO-WAY TURN LANE ARROWS
US 7	SO. BURLINGTON	1.44	ARROW( 6) ONLY( 3)	300 FEET	-	-	84 FEET	18	75 FEET	510 FEET	JCT BURGER KING

<b>HAND WORK QUANTITIES SHEET 5</b>	PROJECT:	<b>STATEWIDE</b>	PROJECT NO.:	<b>NHG MARK (204)</b>
	DESIGN FILE NAME: I0b096.dgn IPARM FILE NAME: I0b096hw5.1 SURVEYED BY: SQUAD LEADER: A GAMBLE	PLOT DATE: 24-MAY-2010 SURVEY DATE: DRAWN BY: KAS SHEET: 12 OF 24		



## SUMMARY OF HAND WORK BY ROUTE

ROUTE	TOWN	MM	STENCIL	6" WHITE LINE	12" YELLOW LINE	12" WHITE LINE	STOP BAR	LETTER & SYM.	CROSS WALK	REMOVAL	REMARKS
US 7 NB	CLARENDON	0.75	ARROW( 3) ONLY( 3) STOP( 2)	330 FEET	-	-	50 FEET	23	-	-	JCT VT 7B
US 7 SB	CLARENDON	0.75	ARROW( 2) ONLY( 2)	300 FEET	-	-	-	10	-	-	JCT VT 7B
US 7 NB	CLARENDON	1.16	ARROW( 2) ONLY( 2)	240 FEET	-	-	-	10	-	-	JCT TH 26
US 7 SB	CLARENDON	1.16	ARROW( 2) ONLY( 2) STOP( 2)	300 FEET	-	-	24 FEET	18	-	-	JCT TH 26
US 7 NB	CLARENDON	1.46	ARROW( 5) ONLY( 3) STOP( 2)	430 FEET	-	-	24 FEET	25	-	-	JCT VT 7B
US 7 SB	CLARENDON	1.46	ARROW( 5) ONLY( 4)	460 FEET	-	-	-	21	-	-	JCT VT 7B
US 7 NB	CLARENDON	2.43	NO REPAIR TO THERMAL NEEDED			500 FEET	-		-	-	PARKING AREA THERMAL NO STENCILS
US 7 SB	CLARENDON	2.54	NO REPAIR TO THERMAL NEEDED			400 FEET	-		-	-	PARKING AREA THERMAL NO STENCILS
US 7 NB	CLARENDON	3.18	SIGNAL( 2) AHEAD( 2)	-	-	-	-	22	-	-	
US 7 NB	CLARENDON	3.34	ARROW( 6) ONLY( 6)	725 FEET	-	-	36 FEET	30	-	-	JCT VT 103
US 7 SB	CLARENDON	3.34	ARROW( 3) ONLY( 3)	450 FEET	-	-	36 FEET	15	-	-	JCT VT 103
US 7 SB	CLARENDON	3.56	SIGNAL( 2) AHEAD( 2)	-	-	-	-	22	-	-	
US 7 NB	CLARENDON	4.77	ARROW( 3) ONLY( 3)	310 FEET	-	-	-	15	-	-	JCT VT 7B
US 7 SB	CLARENDON	4.77	ARROW( 2) ONLY( 2)	310 FEET	-	-	-	10	-	-	JCT VT 7B
US 7 NB	CLARENDON	5.05	SIGNAL( 2) AHEAD( 2)	-	-	-	-	22	-	-	
US 7 NB	CLARENDON	5.20	ARROW( 2) ONLY( 2)	300 FEET	-	-	36 FEET	10	-	-	JCT NORTH SHREWSBURY RD
US 7 SB	CLARENDON	5.20	ARROW( 4) ONLY( 4)	510 FEET	-	-	48 FEET	20	-	-	JCT NORTH CLARENDON RD
US 7 SB	CLARENDON	5.35	SIGNAL( 2) AHEAD( 2)	-	-	-	-	22	-	-	
US 7 NB	CLARENDON	5.54	ARROW( 2) ONLY( 2)	215 FEET				10	-	-	
US 7 SB	CLARENDON	5.54									
US 7 NB	CLARENDON	5.58	SIGNAL( 2) AHEAD( 2)	-	-	-	-	22	-	-	
US 7 NB	CLARENDON	5.60	ARROW( 3) ONLY( 3)	395 FEET	-	-	-	15	-	-	JCT TRACTOR SUPPLY
			US 7 CLARENDON TOTALS	5,275 FEET	-	900 FEET	254 FEET	342	-	-	
US 7 NB	RUTLAND TOWN	0.11	ARROW( 2) ONLY( 2)	250 FEET	-	-	36 FEET	10	-	-	JCT WINDCREST RD
US 7 SB	RUTLAND TOWN	0.11	ARROW( 5) ONLY( 4)	470 FEET	-	-	36 FEET	21	-	-	JCT MIDDLE RD
US 7 NB	RUTLAND TOWN	0.36	ARROW( 6) ONLY( 4) YIELD MARKS( 5)	730 FEET	-	-	60 FEET	27	-	-	JCT DIAMOND RUN MALL ENT.
US 7 SB	RUTLAND TOWN	0.36	ARROW( 2) ONLY( 2)	330 FEET	-	-	36 FEET	10	-	-	JCT US 4 WB
US 7 NB	RUTLAND TOWN	0.68	ARROW( 4) ONLY( 3)	475 FEET	-	-	48 FEET	16	-	-	JCT DIAMOND RUN MALL ENT.
US 7 SB	RUTLAND TOWN	0.68	ARROW( 2) ONLY( 2)	255 FEET	-	-	36 FEET	10	-	-	JCT HOLIDAY INN
US 7 NB	RUTLAND TOWN	0.80	ARROW( 2) ONLY( 2)	340 FEET	-	-	36 FEET	10	70 FEET	-	JCT GREEN MOUNTAIN PLAZA
US 7 SB	RUTLAND TOWN	0.80	ARROW( 6) ONLY( 4)	630 FEET	-	-	48 FEET	22	50 FEET	-	JCT GREEN MOUNTAIN PLAZA
US 7 NB	RUTLAND TOWN	0.87	ARROW( 2)	-	-	-	-	2	-	-	TWO-WAY TURN LANE ARROWS
US 7 NB	RUTLAND TOWN	0.91	ARROW( 2)	-	-	-	-	2	-	-	TWO-WAY TURN LANE ARROWS
US 7 NB	RUTLAND TOWN	0.95	ARROW( 2)	-	-	-	-	2	-	-	TWO-WAY TURN LANE ARROWS
US 7 NB	RUTLAND TOWN	0.99	ARROW( 2)	-	-	-	-	2	-	-	TWO-WAY TURN LANE ARROWS

**HAND WORK  
QUANTITIES SHEET 7**

PROJECT:	<b>STATEWIDE</b>	PROJECT NO.:	<b>NHG MARK (204)</b>
DESIGN FILE NAME:	I0b096.dgn	PLOT DATE:	24-MAY-2010
IPARM FILE NAME:	I0b096hw7.1	SURVEY DATE:	
SURVEYED BY:		DRAWN BY:	KAS
SQUAD LEADER:	A GAMBLE	SHEET:	14 OF 24



## SUMMARY OF LANE REDUCTION ARROWS BY ROUTE

ROUTE	TOWN	MM	STENCIL	6" WHITE LINE	12" YELLOW LINE	12" WHITE LINE	STOP BAR	LETTER & SYM.	CROSS WALK	REMOVAL	REMARKS
VT 9 EB	WOODFORD	4.95	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
VT 9 WB	SEARSBURG	1.65	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
VT 9 EB	WILMINGTON	6.90	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
VT 9 WB	MARLBORO	1.20	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
VT 9 WB	MARLBORO	3.26	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
VT 9 WB	MARLBORO	4.15	LANE REDUCTION ARROW( 6)	-	-	-	-	6	-	-	EB AND WB TRUCK LANES END
VT 9 WB	MARLBORO	5.75	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
VT 9 WB	MARLBORO	6.90	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
VT 9 WB	BRATTLEBORO	1.35	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
VT 103NB	CAVENDISH	1.32	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
VT 103NB	LUDLOW	5.62	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
VT 103NB	MT HOLLY	2.40	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
VT 103SB	SHREWSBURY	3.38	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 2 EB	MARSHFIELD	7.68	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 2 EB	CABOT	2.45	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 2 EB	CABOT	5.14	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 2 WB	DANVILLE	2.63	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 2 EB	DANVILLE	3.41	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 2 WB	DANVILLE	5.46	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 2 EB	DANVILLE	5.48	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 4 EB	RUTLAND TOWN	1.06	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 4 EB	MENDON	0.50	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 4 EB	KILLINGTON	0.55	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 4 WB	KILLINGTON	0.85	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 4 WB	KILLINGTON	2.60	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 7 SB	PITTSFORD	0.89	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 7 SB	PITTSFORD	2.64	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 7 NB	MIDDLEBURY	1.29	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 7 SB	NEW HAVEN	0.30	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 7 NB	NEW HAVEN	1.86	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 7 SB	NEW HAVEN	3.68	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 7 SB	NEW HAVEN	4.73	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 7 NB	NEW HAVEN	5.87	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 7 SB	WALTHAM	1.25	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
US 7 NB	CHARLOTTE	5.13	LANE REDUCTION ARROW( 3)	-	-	-	-	3	-	-	
			TOTAL LANE REDUCTION ARROWS					108			

<b>LANE REDUCTION ARROWS QUANTITY SHEET</b>	PROJECT: <b>STATEWIDE</b>	PROJECT NO.: <b>NHG MARK (204)</b>
	DESIGN FILE NAME: I0b096.dgn IPARM FILE NAME: I0b096hw9.I SURVEYED BY: SQUAD LEADER: A GAMBLE	PLOT DATE: 24-MAY-2010 SURVEY DATE: DRAWN BY: KAS SHEET: 16 OF 24

PAVEMENT MARKINGS TO BE PERFORMED AT THE FOLLOWING LOCATIONS.  
 LOCATION MAY BE ADJUSTED BY THE RESIDENT ENGINEER TO ACCOUNT  
 FOR FIELD CONDITIONS.

ROAD	TOWN BEGIN	MM BEGIN	TOWN END	MM END	LENGTH		ROAD	TOWN BEGIN	MM BEGIN	TOWN END	MM END	LENGTH	ROAD	TOWN BEGIN	MM BEGIN	TOWN END	MM END	LENGTH
VT 9	BENNINGTON	0.00	BENNINGTON	3.12	3.12		US 2	BERLIN	0.00	BERLIN	1.39	1.39	US 7	POWNAI	0.00	POWNAI	7.99	7.99
VT 9	BENNINGTON	5.90	BENNINGTON	6.87	0.97		US 2	BARRE TOWN	0.00	BARRE TOWN	0.09	0.09	US 7	BENNINGTON	0.00	BENNINGTON	2.16	2.16
VT 9	WOODFORD	0.00	WOODFORD	9.59	9.59		US 2	E. MONTPELIER	0.00	E. MONTPELIER	4.82	4.82	US 7	DORSET	1.75	DORSET	6.72	4.97
VT 9	SEARSBURG	0.00	SEARSBURG	5.68	5.68		US 2	PLAINFIELD	0.00	PLAINFIELD	1.49	1.49	US 7	MT TABOR	0.00	MT TABOR	4.18	4.18
VT 9	WILMINGTON	0.00	WILMINGTON	7.22	7.22		US 2	MARSHFIELD	0.00	MARSHFIELD	8.21	8.21	US 7	DANBY	0.00	DANBY	2.47	2.47
VT 9	MARLBORO	0.00	MARLBORO	8.30	8.30	SEE NOTE'S 1+6	US 2	CABOT	0.00	CABOT	6.23	6.23	US 7	WALLINGFORD	0.00	WALLINGFORD	6.48	6.48
VT 9	BRATTLEBORO	0.00	BRATTLEBORO	4.26	4.26	SEE NOTE'S 1+6	US 2	DANVILLE	0.00	DANVILLE	6.50	6.50	US 7	RUTLAND TOWN	1.18	RUTLAND TOWN	3.97	2.79
VT 9	BRATTLEBORO	7.10	BRATTLEBORO	7.25	0.15		US 2	ST JOHNSBURY	4.70	ST JOHNSBURY	8.64	3.94	US 7	PITTSFORD	0.00	PITTSFORD	7.59	7.59
			VT 9 TOTAL (MILES)		39.29		US 2	KIRBY	0.00	KIRBY	0.97	0.97	US 7	BRANDON	0.00	BRANDON	0.70	0.70
							US 2	CONCORD	0.00	CONCORD	10.78	10.78	US 7	BRANDON	4.35	BRANDON	7.45	3.10
ROAD	TOWN BEGIN	MM BEGIN	TOWN END	MM END	LENGTH		US 2	LUNENBURG	0.00	LUNENBURG	9.03	9.03	US 7	LEICESTER	0.00	LIECESTER	3.43	3.43
VT 78	ALBURGH	0.00	ALBURGH	3.33	3.33		US 2	GUILDHALL	0.00	GUILDHALL	1.16	1.16	US 7	SALISBURY	0.00	SALISBURY	4.50	4.50
VT 78	SWANTON	0.00	SWANTON	6.34	6.34							US 7	MIDDLEBURY	0.00	MIDDLEBURY	4.28	4.28	
VT 78	SWANTON	7.30	SWANTON	7.70	0.40							US 7	MIDDLEBURY	5.71	MIDDLEBURY	7.48	1.77	
			VT 78 TOTAL (MILES)		10.07					US 2 TOTAL (MILES)	54.61		US 7	NEW HAVEN	0.00	NEW HAVEN	7.70	7.70
												US 7	WALTHAM	0.00	WALTHAM	1.64	1.64	
ROAD	TOWN BEGIN	MM BEGIN	TOWN END	MM END	LENGTH							US 7	FERRISBURGH	0.00	FERRISBURGH	7.29	7.29	
VT 103	CHESTER	2.00	CHESTER	2.60	0.60							US 7	CHARLOTTE	0.00	CHARLOTTE	6.55	6.55	
VT 103	CHESTER	4.27	CHESTER	9.88	5.61							US 7	SHELBURNE	0.00	SHELBURNE	2.60	2.60	
VT 103	CAVENDISH	0.00	CAVENDISH	3.74	3.74							US 7	SO. BURLINGTON	0.98	SO. BURLINGTON	1.72	0.74	
VT 103	LUDLOW	0.00	LUDLOW	1.29	1.29													
VT 103	LUDLOW	2.86	LUDLOW	5.78	2.92													
VT 103	MT HOLLY	0.00	MT HOLLY	7.86	7.86													
VT 103	WALLINGFORD	0.00	WALLINGFORD	2.13	2.13													
VT 103	SHREWSBURY	0.00	SHREWSBURY	4.24	4.24													
VT 103	CLARENDON	0.00	CLARENDON	1.97	1.97													
			VT 103 TOTAL (MILES)		30.36													
ROAD	TOWN BEGIN	MM BEGIN	TOWN END	MM END	LENGTH													
US 4	RUTLAND TOWN	0.00	RUTLAND TOWN	1.23	1.23													
US 4	MENDON	0.00	MENDON	5.93	5.93	SEE NOTE 6												
US 4	KILLINGTON	0.00	KILLINGTON	8.49	8.49	SEE NOTE 6												
US 4	BRIDGEWATER	0.00	BRIDGEWATER	7.50	7.50													
US 4	WOODSTOCK	0.00	WOODSTOCK	5.65	5.65													
US 4	WOODSTOCK	7.22	WOODSTOCK	9.65	2.43													
US 4	HARTLAND	0.00	HARTLAND	0.77	0.77													
US 4	HARTFORD	0.00	HARTFORD	9.35	9.35													
			US 4 TOTAL (MILES)		41.35													

NOTES:

- CENTERLINE RUMBLE STRIPS SHALL BE GROUND INTO THE CENTER OF VT 9 FROM MARLBORO MM 0.60-BRATTLEBORO MM 1.60. APPROX. 9.2 MILES.
- ALL MARKINGS SHALL BE WATERBORNE TRAFFIC PAINT
- ALL MARKINGS SHALL BE PLACED WHERE EXISTING MARKINGS ARE LOCATED EXCEPT WHERE EXISTING STENCILS OR MARKINGS DO NOT CONFORM WITH DETAIL DRAWINGS, EXISTING MARKINGS SHALL BE REMOVED PRIOR TO PLACING NEW MARKINGS
- HAND WORK MUST BE DONE WITH A SPOTTER AT ALL TIMES
- CONE TAPERS SHALL BE USED TO DIRECT TRAFFIC AROUND WORKERS AND WET PAINT IN TURN LANES
- EXISTING CENTERLINE MARKINGS ARE LOCATED IN CENTERLINE RUMBLE STRIPS. PAINT APPLICATOR WILL NEED TO BE MODIFIED TO PAINT OVER RUMBLE STRIPS. MM 1.25 MENDON TO APPROX. MM 2.05 KILLINGTON. MM 0.60 MARLBORO TO APPROX. MM 1.60 BRATTLEBORO.
- ALL MARKING DONE ON US 7 SO. BURLINGTON SHALL BE DONE AT NIGHT WITH UTO'S SEE THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS

INCLUDES TURN LANES AND CLIMBING LANES  
 INCLUDES 8 INCH WHITE GORE MARKINGS  
 INCLUDES 8 INCH YELLOW PAINTED ISLANDS

<b>PAVEMENT MARKING LOCATION DETAIL SHEET 1</b>	PROJECT:	<b>STATEWIDE</b>	PROJECT NO.:	<b>NHE MARK (204)</b>
	DESIGN FILE NAME: 10b096.dgn		PLOT DATE: 24-MAY-2010	
	IPARM FILE NAME: 10b096det1.l		SURVEY DATE:	
	SURVEYED BY:		DRAWN BY: KAS	
	SQUAD LEADER: A GAMBLE		SHEET: 17 OF 24	

PAVEMENT MARKINGS TO BE PERFORMED AT THE FOLLOWING LOCATIONS.  
 LOCATION MAY BE ADJUSTED BY THE RESIDENT ENGINEER TO ACCOUNT  
 FOR FIELD CONDITIONS.

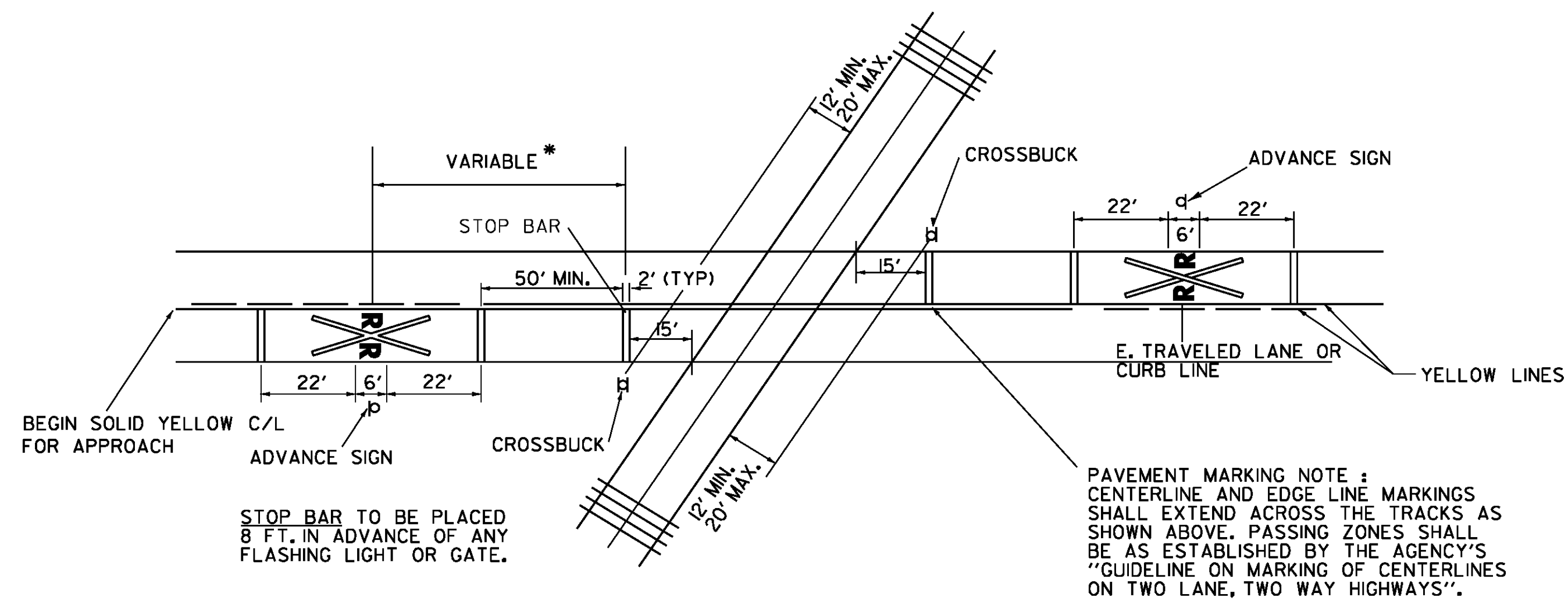
ROAD	TOWN BEGIN	MM BEGIN	TOWN END	MM END	LENGTH
US 2	DANVILLE	6.50	DANVILLE	9.13	2.63
US 2	ST JOHNSBURY	0.00	ST JOHNSBURY	2.68	2.68
US 7	WALLINGFORD	6.48	WALLINGFORD	7.10	0.62
US 7	CLARENDON	0.00	CLARENDON	5.66	5.66
US 7	RUTLAND TOWN	0.00	RUTLAND TOWN	1.18	1.18
TOTAL (MILES)					12.77

NOTES:

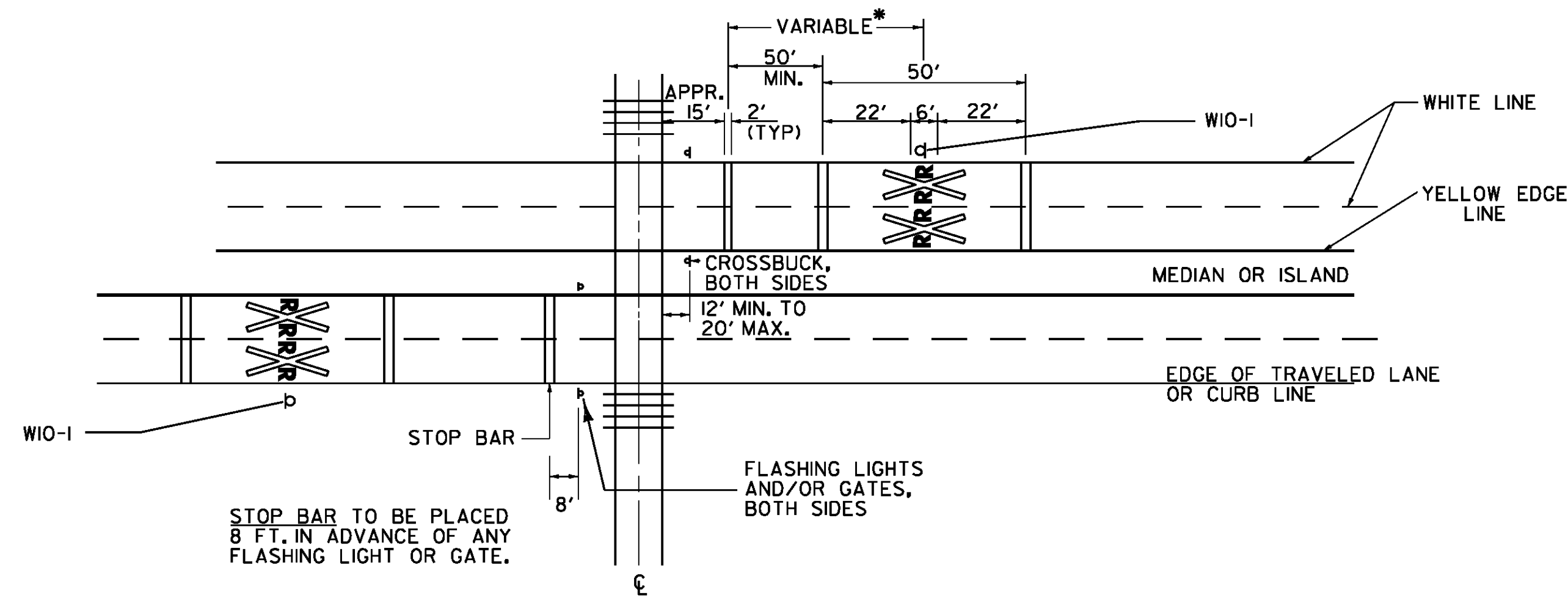
1. ALL MAINLINE CENTERLINE, LANE LINE AND EDGELINE MARKINGS ON US 2 SHALL BE DURABLE 6 INCH POLYUREA APPLIED IN EXISTING RECESSES.
2. ALL MAINLINE CENTERLINE DASHES AND LANE LINES ON US 7 SHALL BE DURABLE 6 INCH WHITE RECESSED POLYUREA.
3. ALL MAINLINE WHITE EDGELINE AND YELLOW EDGELINE MARKINGS ON US 7 SHALL BE DURABLE 6 INCH POLYUREA APPLIED IN EXISTING RECESSES.
4. ALL OTHER MARKINGS SHALL BE WATERBORNE TRAFFIC PAINT.
5. ALL MARKINGS SHALL BE PLACED WHERE EXISTING MARKINGS ARE LOCATED EXCEPT WHERE EXISTING STENCILS AND MARKINGS DO NOT CONFORM TO DETAIL DRAWINGS, EXISTING MARKINGS SHALL BE REMOVED PRIOR TO PLACING NEW MARKINGS.
6. HAND WORK ON US 7 MUST BE DONE WITH A UTO AT ALL TIMES.
7. CONE TAPERS SHALL BE USED TO DIRECT TRAFFIC AROUND WORKERS AND WET PAINT.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXPLAIN WHERE UTO SHOULD BE LOCATED AND TO WARN OF POTENTIAL LANE SHIFTS.

INCLUDES DIVIDED HIGHWAY  
 INCLUDES TURN LANES AND CLIMBING LANES  
 INCLUDES 12 INCH WHITE LINE GORE MARKINGS

<b>PAVEMENT MARKING LOCATION DETAIL SHEET 2</b>	PROJECT: <b>STATEWIDE</b>	PROJECT NO.: <b>NH 204 MARK (204)</b>
	DESIGN FILE NAME: 10b096.dgn IPARM FILE NAME: 10b096det2.1 SURVEYED BY: SQUAD LEADER: A GAMBLE	PLOT DATE: 24-MAY-2010 SURVEY DATE: DRAWN BY: KAS SHEET: 18 OF 24



**2 LANE HIGHWAY PAVED**



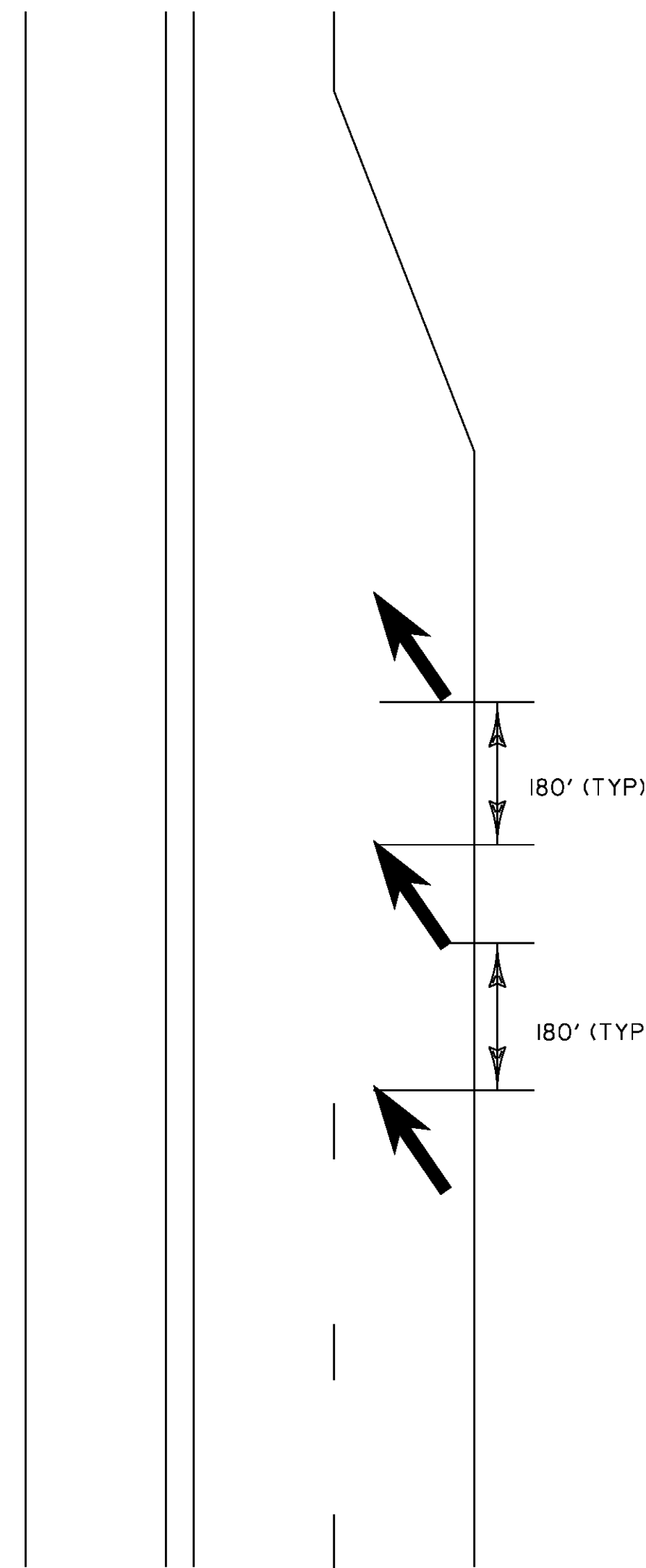
**4 LANE DIVIDED HIGHWAY**

**NOTES**

**1. PAVEMENT MARKINGS**

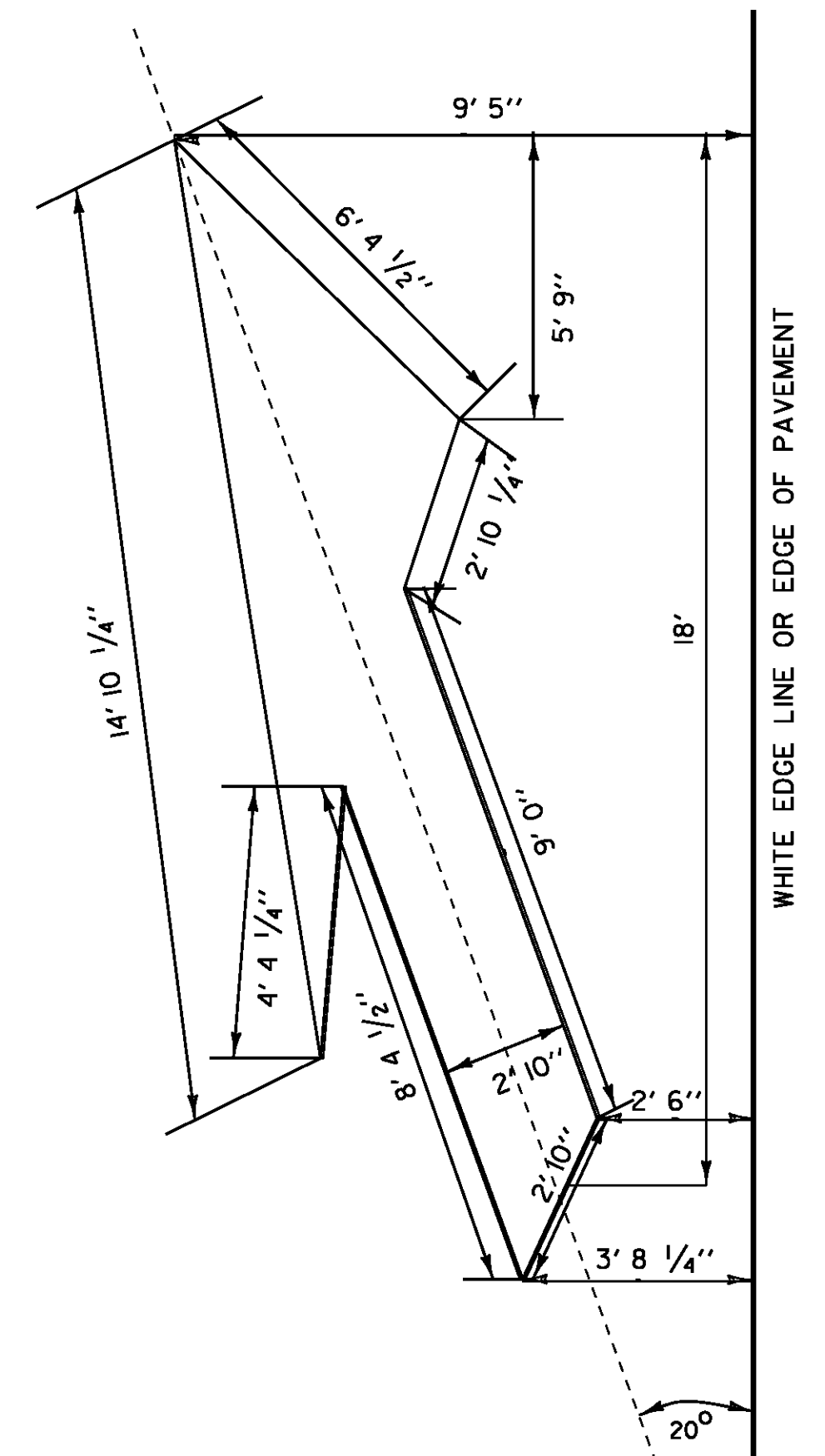
THESE MARKINGS SHALL BE PLACED, IF PHYSICALLY FEASIBLE, ON ALL PAVED APPROACHES TO RAILROAD CROSSINGS, WHERE THERE ARE SIGNALS AND/OR AUTOMATIC GATE AND AT ALL OTHER CROSSINGS WHERE THE PREVAILING SPEED OF HIGHWAY TRAFFIC IS 40 M.P.H. OR GREATER. THE MARKINGS SHALL ALSO BE PLACED AT CROSSINGS WHERE ENGINEERING STUDIES INDICATE THERE IS A SIGNIFICANT POTENTIAL CONFLICT BETWEEN VEHICLES AND TRAINS, ALL MARKINGS SHALL BE WHITE EXCEPT FOR MEDIAN EDGELINES AND CENTERLINE ON 2 LANE ROADS WHICH SHALL BE YELLOW. THE RAILROAD CROSSING SYMBOL SHALL CONSIST OF THE "X" FLANKED BY TWO "R"'S AND THREE 24" STOP BARS; TWO BRACKETING THE "X", ONE AT THE CROSSING. AT MINOR CROSSINGS OR IN URBAN AREAS, THESE MARKINGS MAY BE OMITTED IF AN ENGINEERING STUDY INDICATES THAT OTHER DEVICES INSTALLED PROVIDE SUITABLE PROTECTION.

**PAVEMENT MARKING DETAILS**



FIRST LANE REDUCTION ARROW SHALL BE PLACED OPPOSITE THE LAST DASH. ARROWS TO BE PLACED EVERY 180'(MAX.) BETWEEN LAST DASH AND BEGINNING OF LANE TAPER. FOR LEFT LANE USE MIRROR IMAGE.

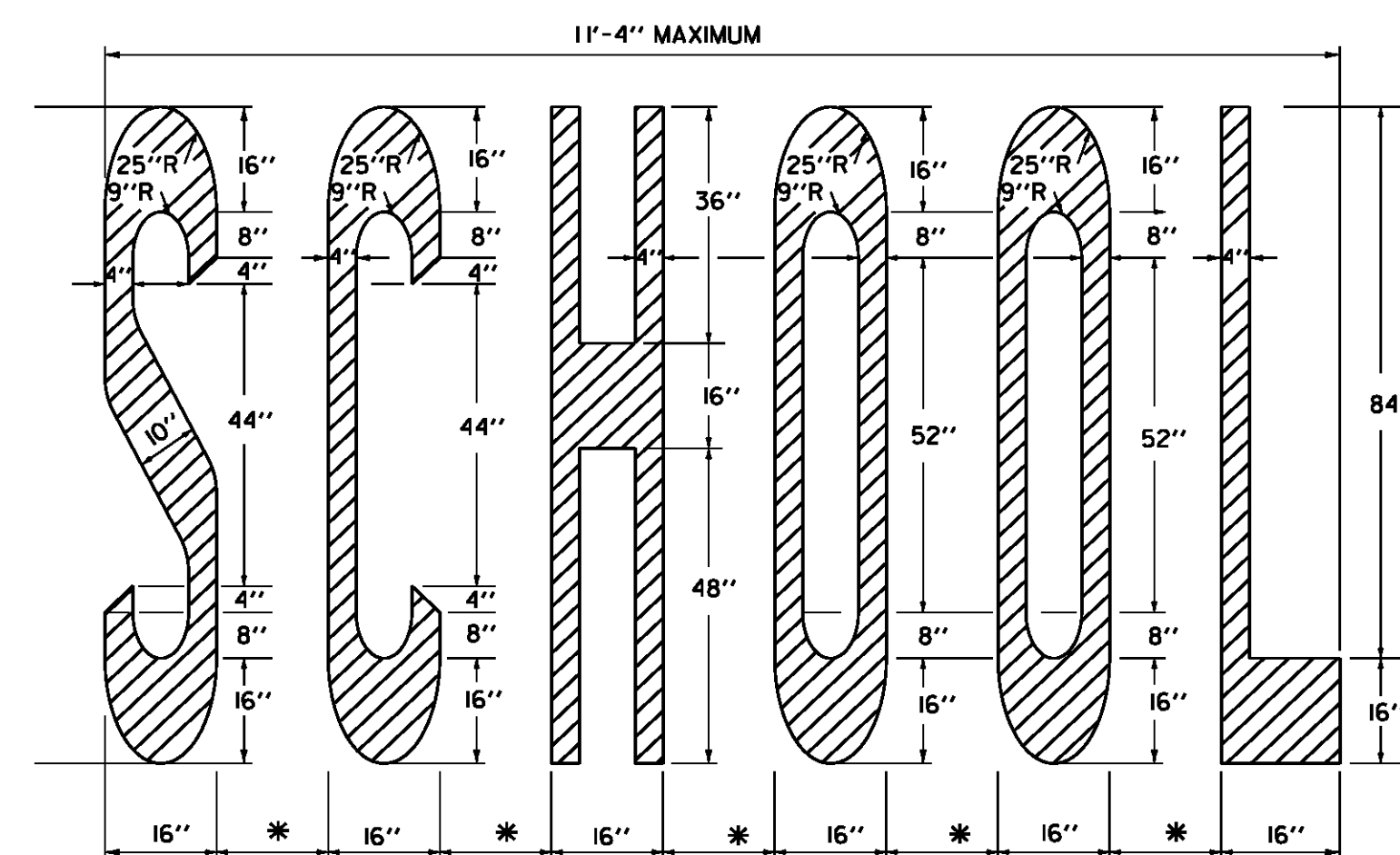
**LANE REDUCTION TRANSITION MARKINGS**



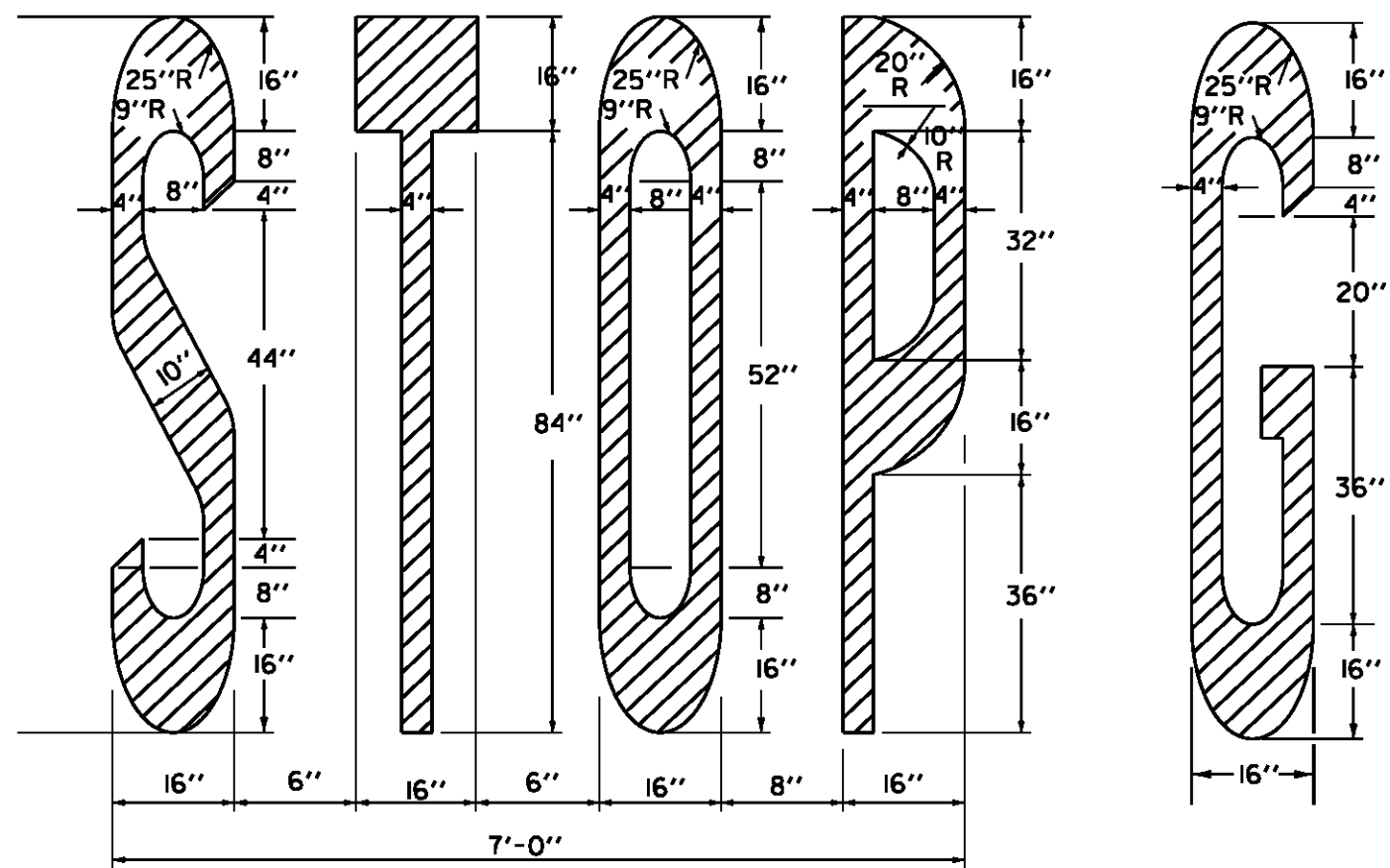
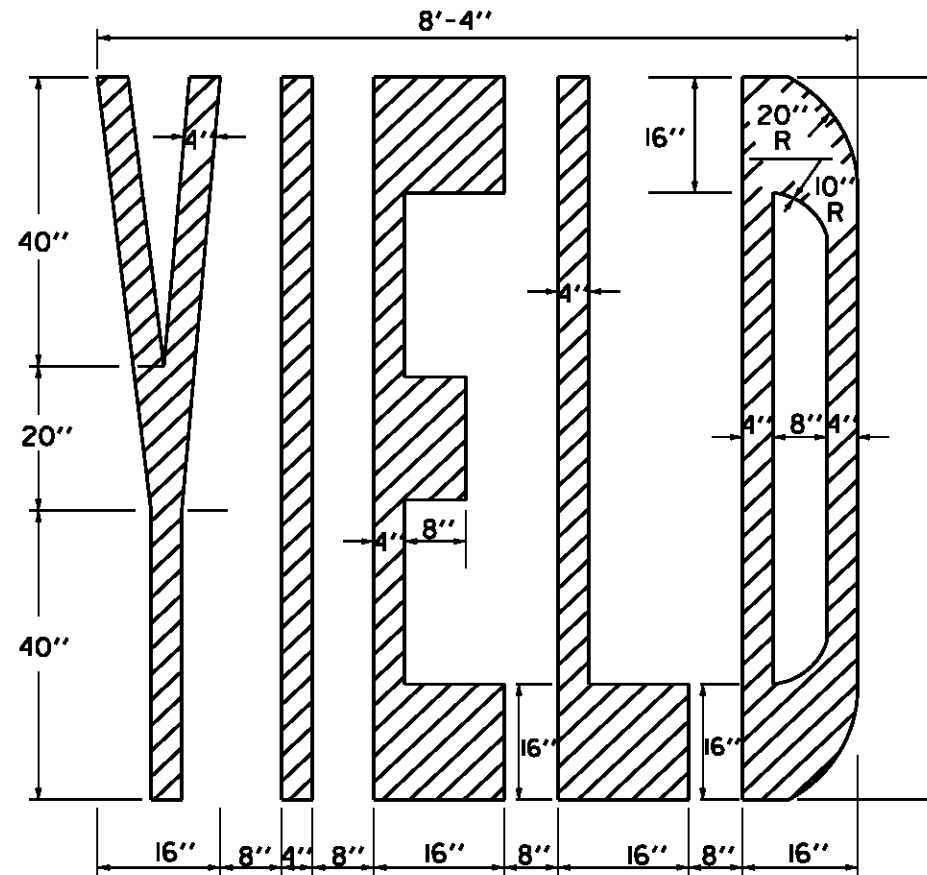
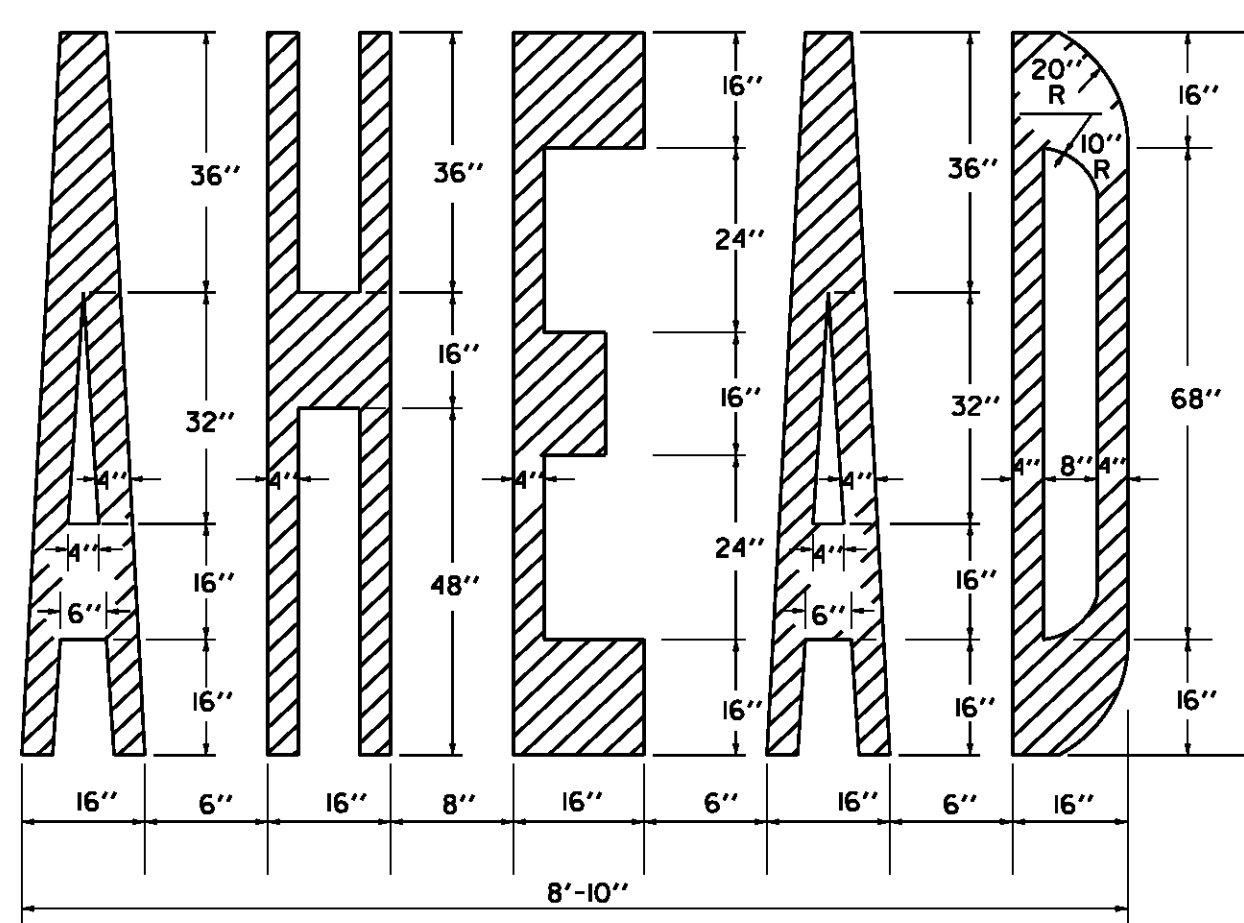
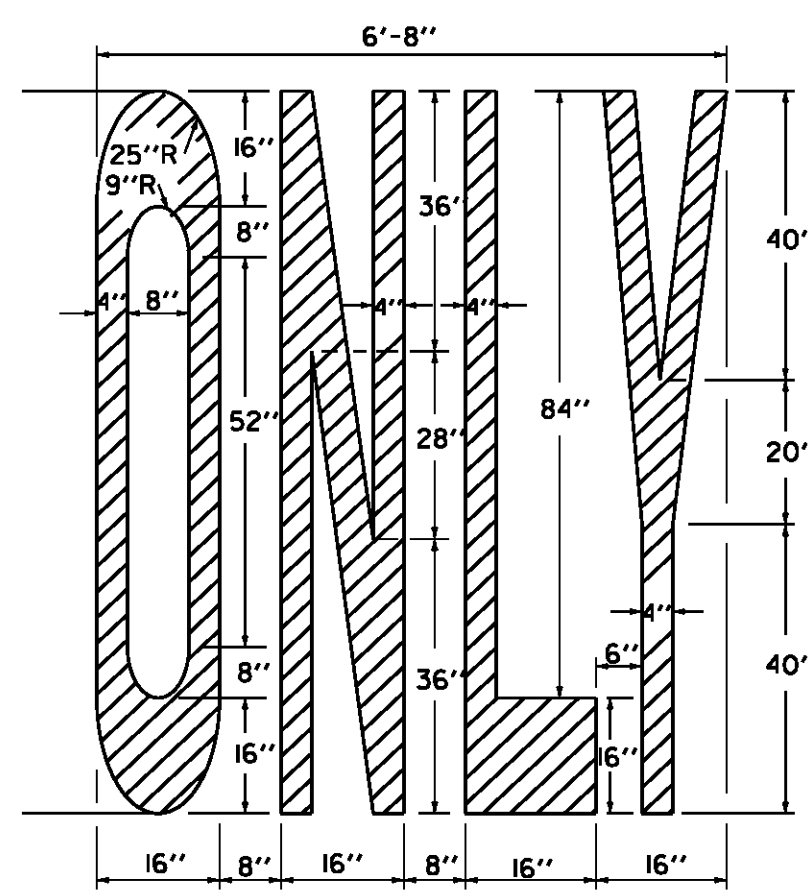
**LANE DROP ARROW**

NOT TO SCALE

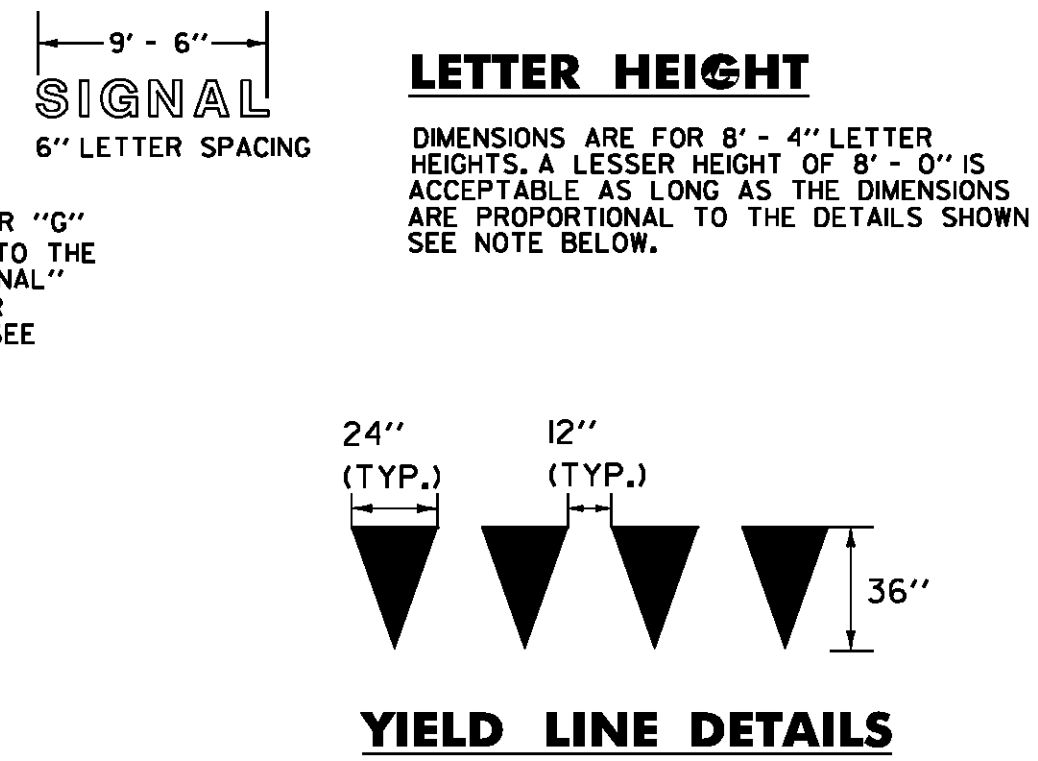
<b>PAVEMENT MARKING DETAILS SHEET 1</b>	PROJECT: <b>STATEWIDE</b>	PROJECT NO.: <b>NH MARK (204)</b>
	DESIGN FILE NAME: 10b096.dgn IPARM FILE NAME: 10b096pml.i SURVEYED BY: SQUAD LEADER: A GAMBLE	PLOT DATE: 24-MAY-2010 SURVEY DATE: DRAWN BY: KAS SHEET: 19 OF 24



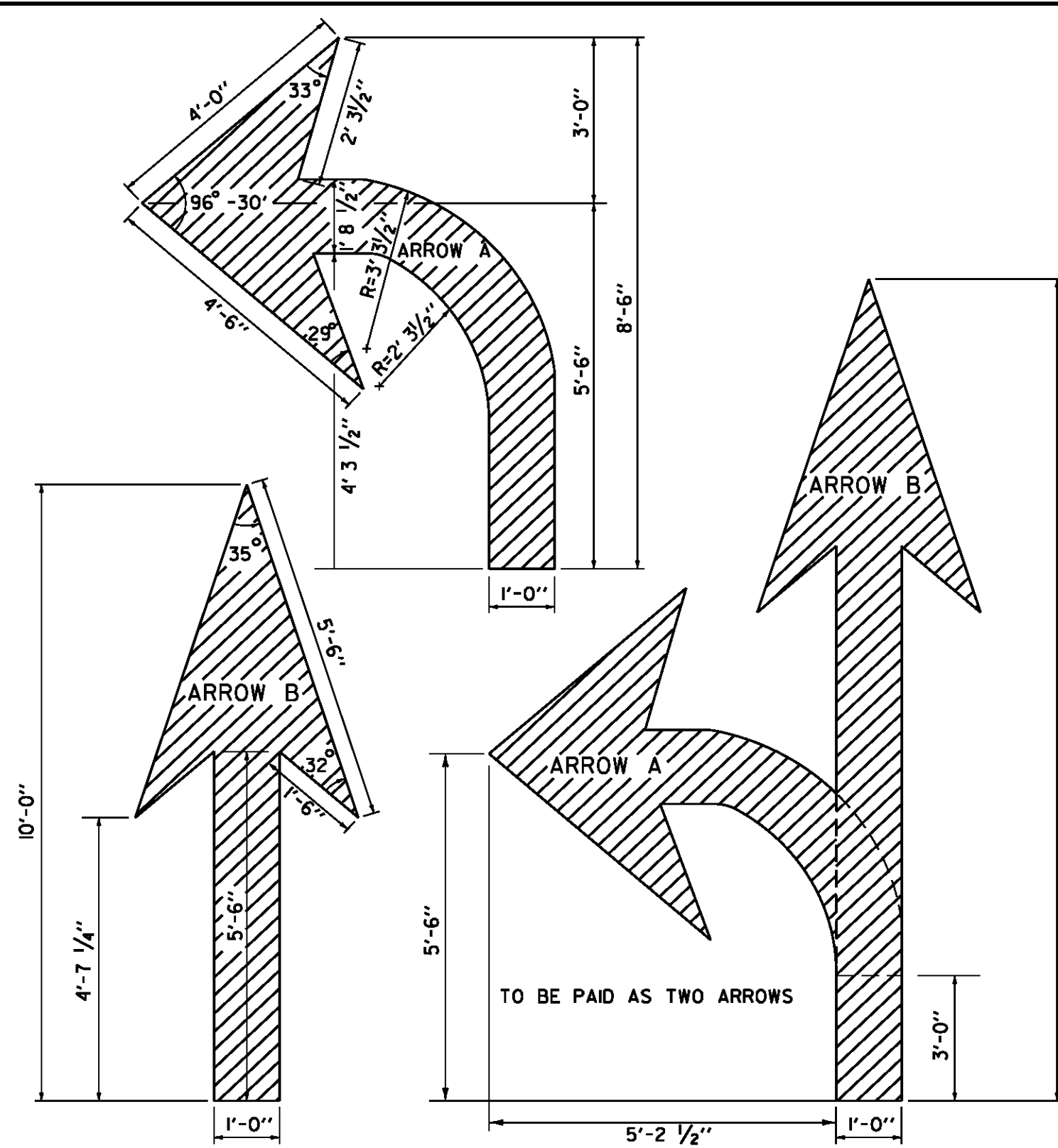
\* (4'-8'') - ADJUST TO AVAILABLE PAVEMENT WIDTH



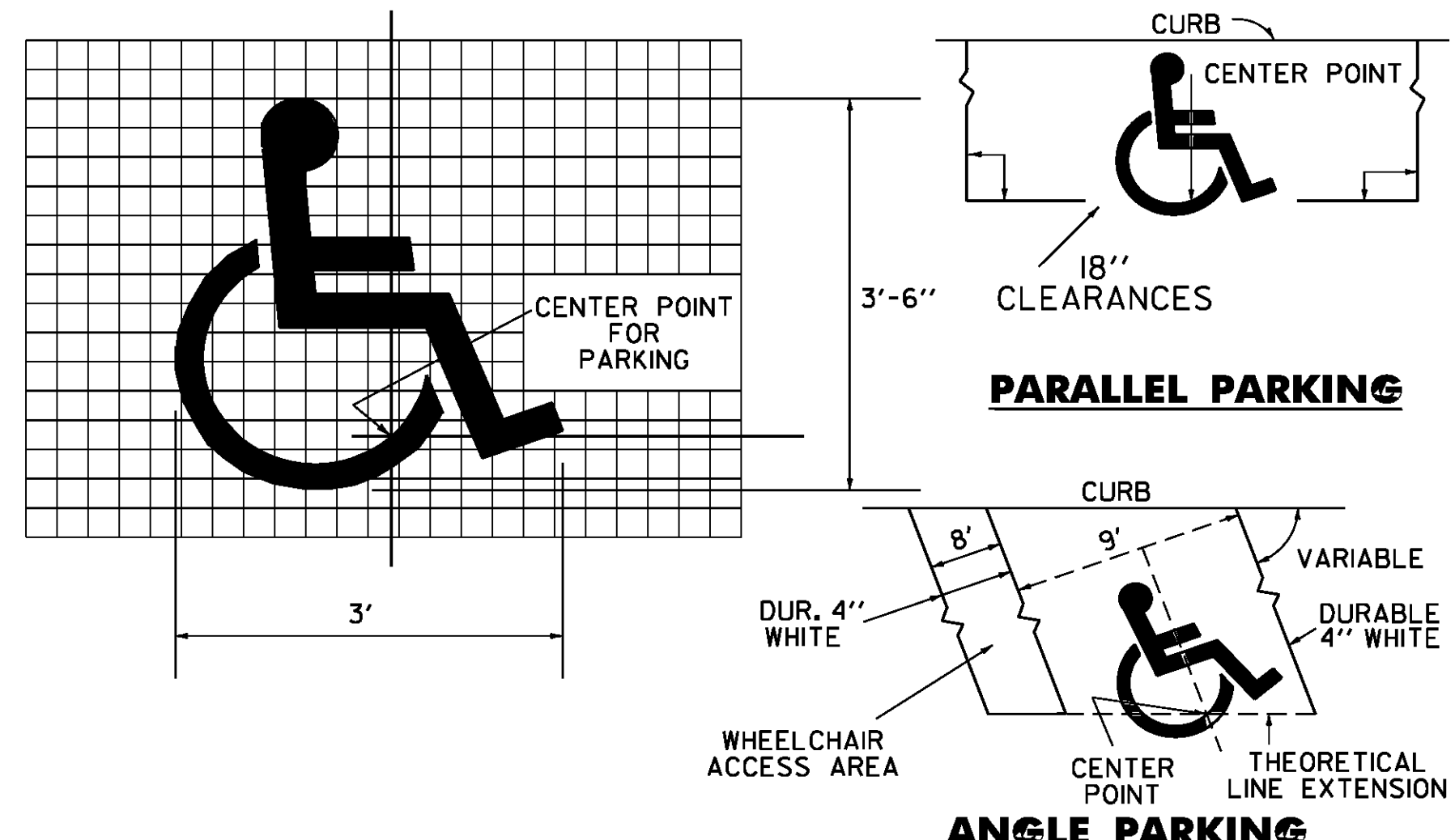
**LETTER IN WORD MARKING AND YIELD LINE DETAILS**



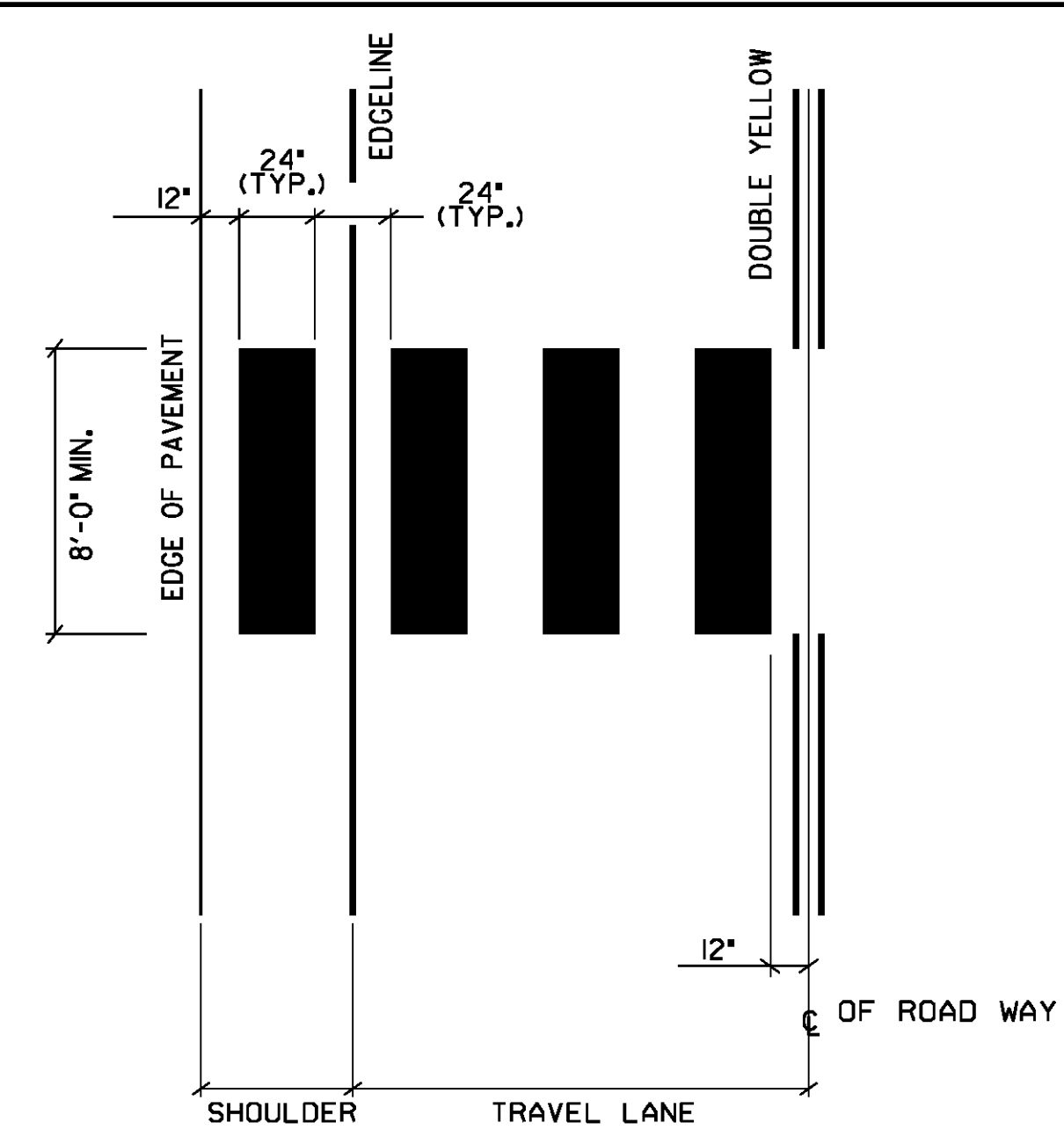
ARROWS AND WORD MARKINGS THAT CONFORM TO THE DIMENSIONS SHOWN ON THIS SHEET OR AS DETAILED IN THE BOOKLET ENTITLED "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION) PREPARED BY THE FEDERAL HIGHWAY ADMINISTRATION WILL BE ACCEPTABLE.



**ARROW DETAILS**



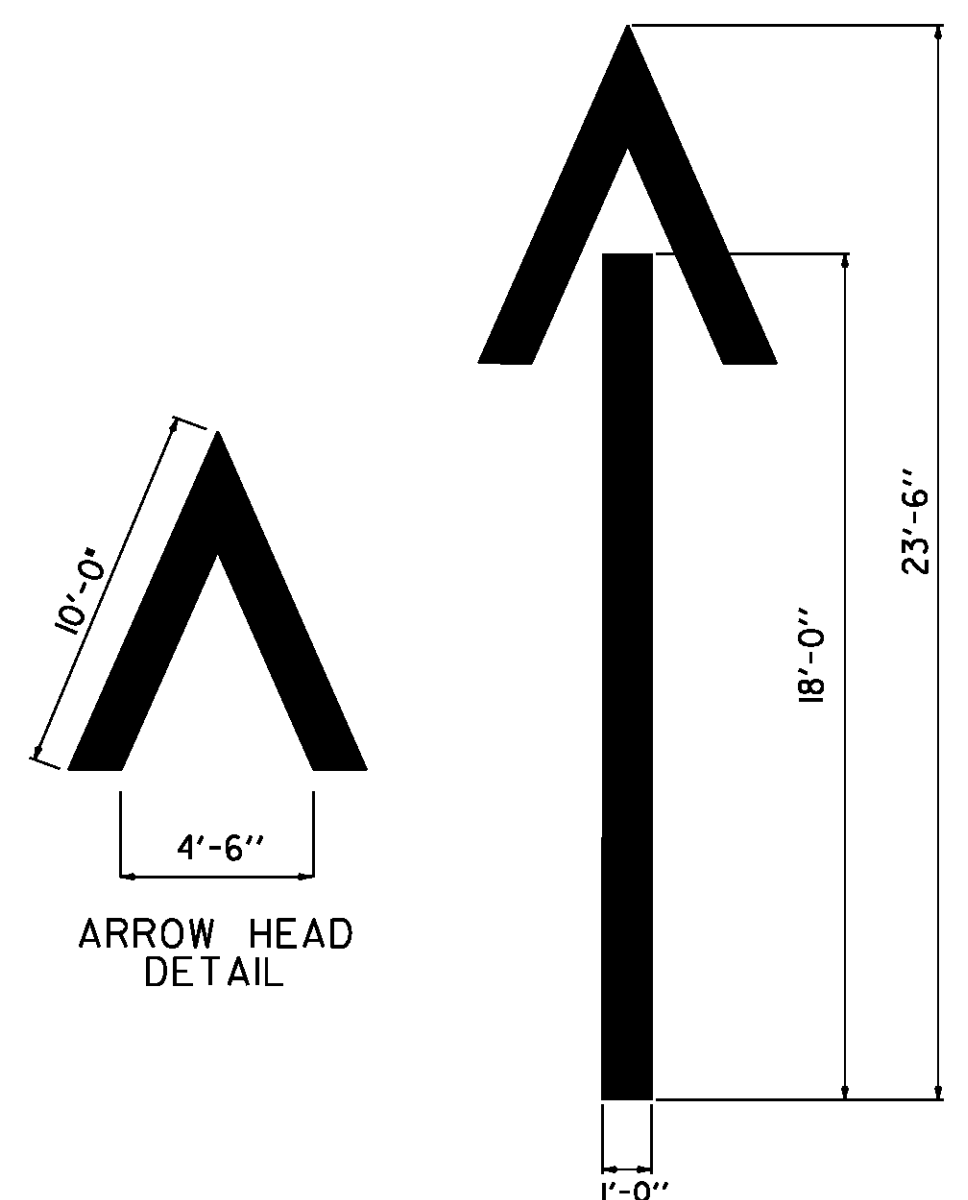
**HANDICAPPED PAVEMENT MARKING DETAILS**



ADJUST SPACING (1 - 2 FT) TO AVOID WHEEL PATHS

**BLOCK PATTERN CROSSWALK DETAIL**

NOTES:  
THE BLOCK PATTERN IS THE VTRANS PREFERRED CROSSWALK MARKINGS. SEE MUTCD FOR APPROVED OPTIONS.



**WRONG WAY ARROW**

NOT TO SCALE

# PAVEMENT MARKING DETAILS

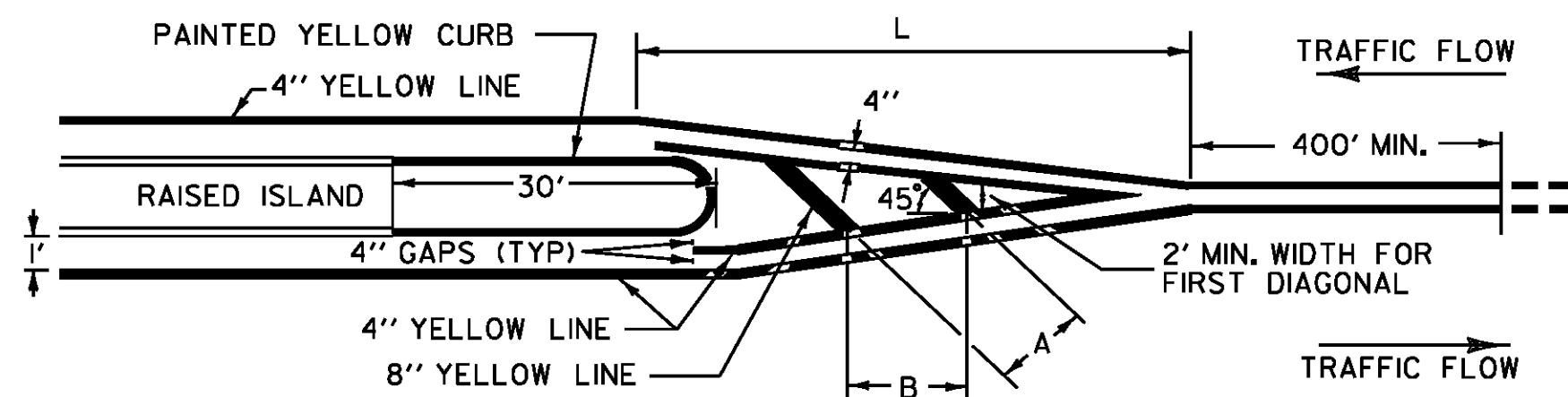
<b>PAVEMENT MARKING DETAILS SHEET 2</b>	PROJECT: <b>STATEWIDE</b>	PROJECT NO.: <b>NHG MARK (204)</b>
	DESIGN FILE NAME: 10b096.dgn	PLOT DATE: 24-MAY-2010
	IPARM FILE NAME: 10b096pm2.i	SURVEY DATE:
	SURVEYED BY:	DRAWN BY: KAS
	SQUAD LEADER: A GAMBLE	SHEET: 20 OF 24

**NOTE:**

A SOLID LINE IN THE DIRECTION OF TRAVEL BEGINS AT A LOCATION 400 FEET MIN. IN ADVANCE OF THE BEGIN TAPER FOR THE PAVEMENT WIDTH TRANSITION. PASSING ZONE SHOWN FOR REFERENCE ONLY, ACTUAL MARKINGS BASED ON FIELD CONDITIONS.

$L = \frac{WS^2}{60}$  WHEN S = 40 MPH OR LESS  
 $L = WS$  WHEN S = 45 MPH OR GREATER

EDGELINES SHALL BE 1' - 0" MIN. FROM CURB



**RAISED ISLAND APPROACH MARKINGS**

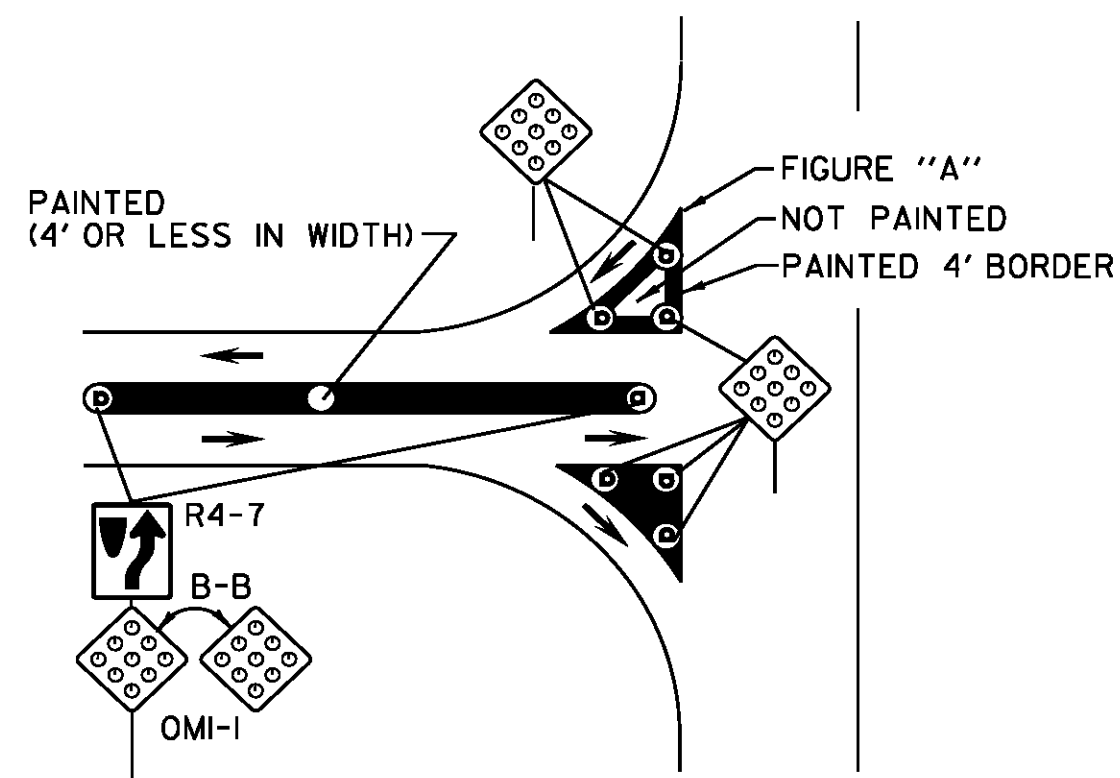
DIMENSIONS		CONDITIONS FOR USE	
A	B		
5'	7'	LOW SPEED OR HIGH SPEED/W POOR SIGHT DISTANCE, <200'	WHERE LENGTH OF DIAGONAL AREA IS 75' MAX.
10'	14'	HIGH SPEED AND GOOD SIGHT DISTANCE, ≥200'	WHERE LENGTH OF DIAGONAL AREA EXCEEDS 75'

THE FOLLOWING GUIDELINES WILL BE USED WHEN PAINTING ISLANDS ON STATE HIGHWAYS AND RECOMMENDED FOR ISLANDS ON OTHER SYSTEMS WITHIN THE STATE.

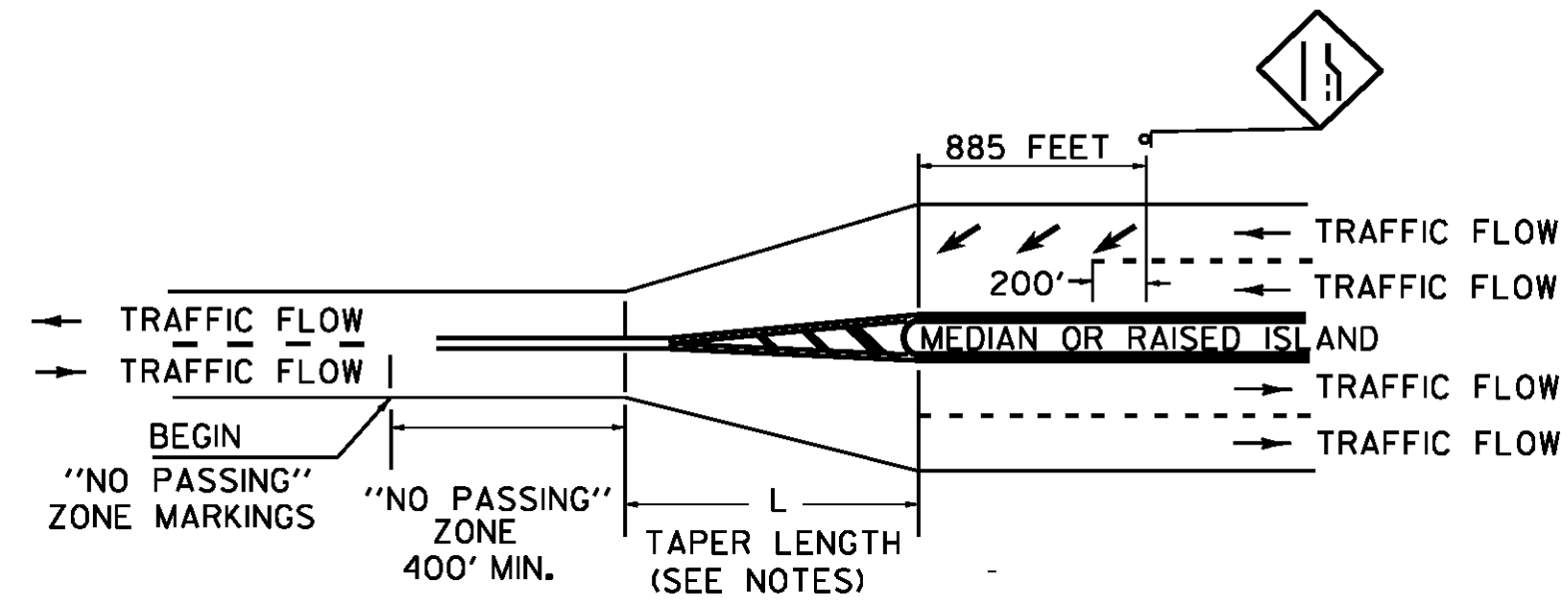
I. PAINTING: ISLANDS WHICH ARE FOUR FEET OR LESS IN WIDTH AND TRIANGULAR ISLANDS WHICH ARE LESS THAN FOUR HUNDRED AND FIFTY SQUARE FEET SHALL BE PAINTED ENTIRELY. TRIANGULAR ISLANDS WHICH ARE FOUR HUNDRED AND FIFTY SQUARE FEET AND LARGER SHALL BE PAINTED WITH A FOUR FOOT BORDER AS SHOWN ON FIGURE "A" BELOW.

II. SIGNS: ALL APPROACH NOSES TO THE ISLANDS IN THE LINE OF TRAFFIC WILL BE SIGNED WITH A KEEP RIGHT (R4-7) SIGN AS WELL AS OBJECT MARKERS (OMI-1) PLACED BACK TO BACK TO INDICATE THE BEGINNING (END) OF THE ISLAND.

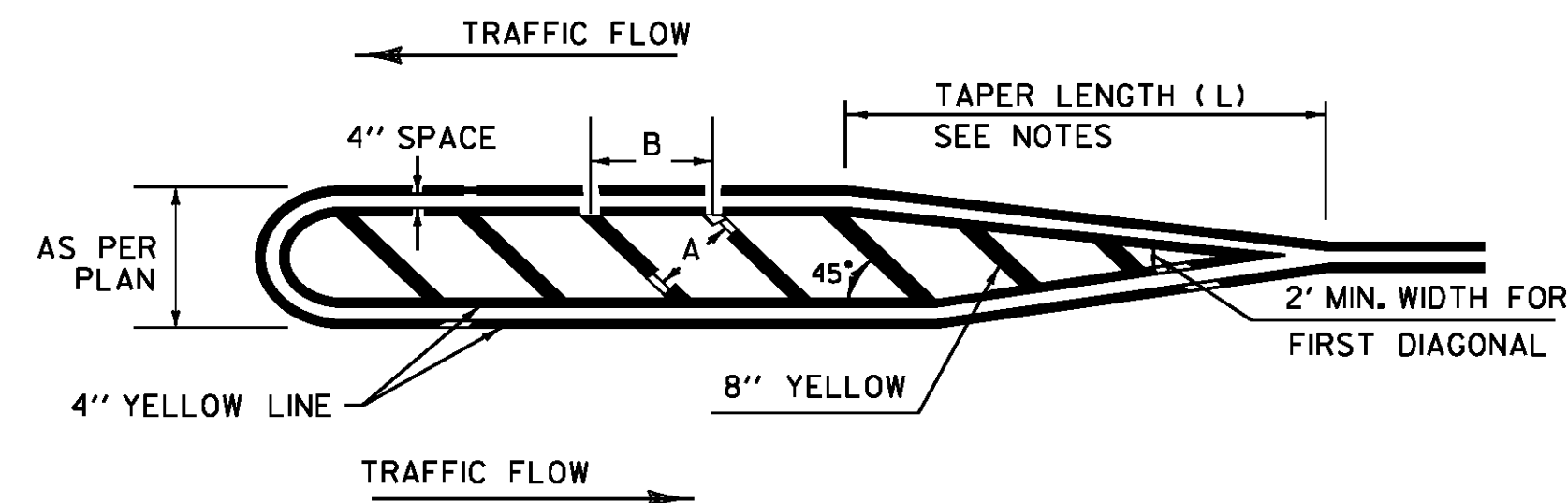
III. EXCEPTIONS: THERE WILL BE SPECIAL CASES WHICH REQUIRE AN EXCEPTION TO, OR MODIFICATION OF THIS GUIDELINE. THESE QUESTIONS SHOULD BE REFERRED TO THE ROADWAY, TRAFFIC AND SAFTY ENGINEER OR DELEGATED REPRESENTATIVE.



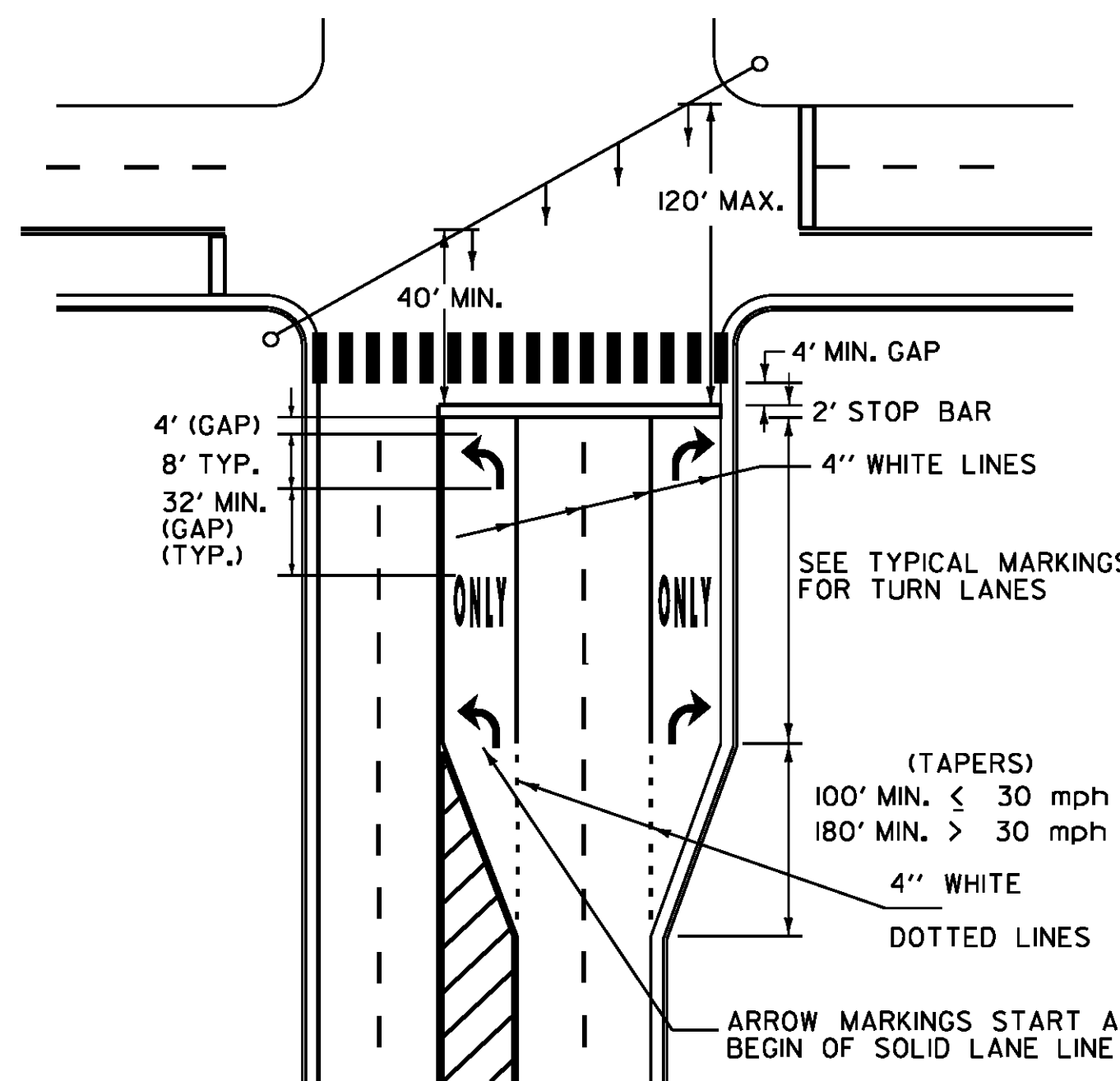
**PAINTED RAISED ISLANDS**



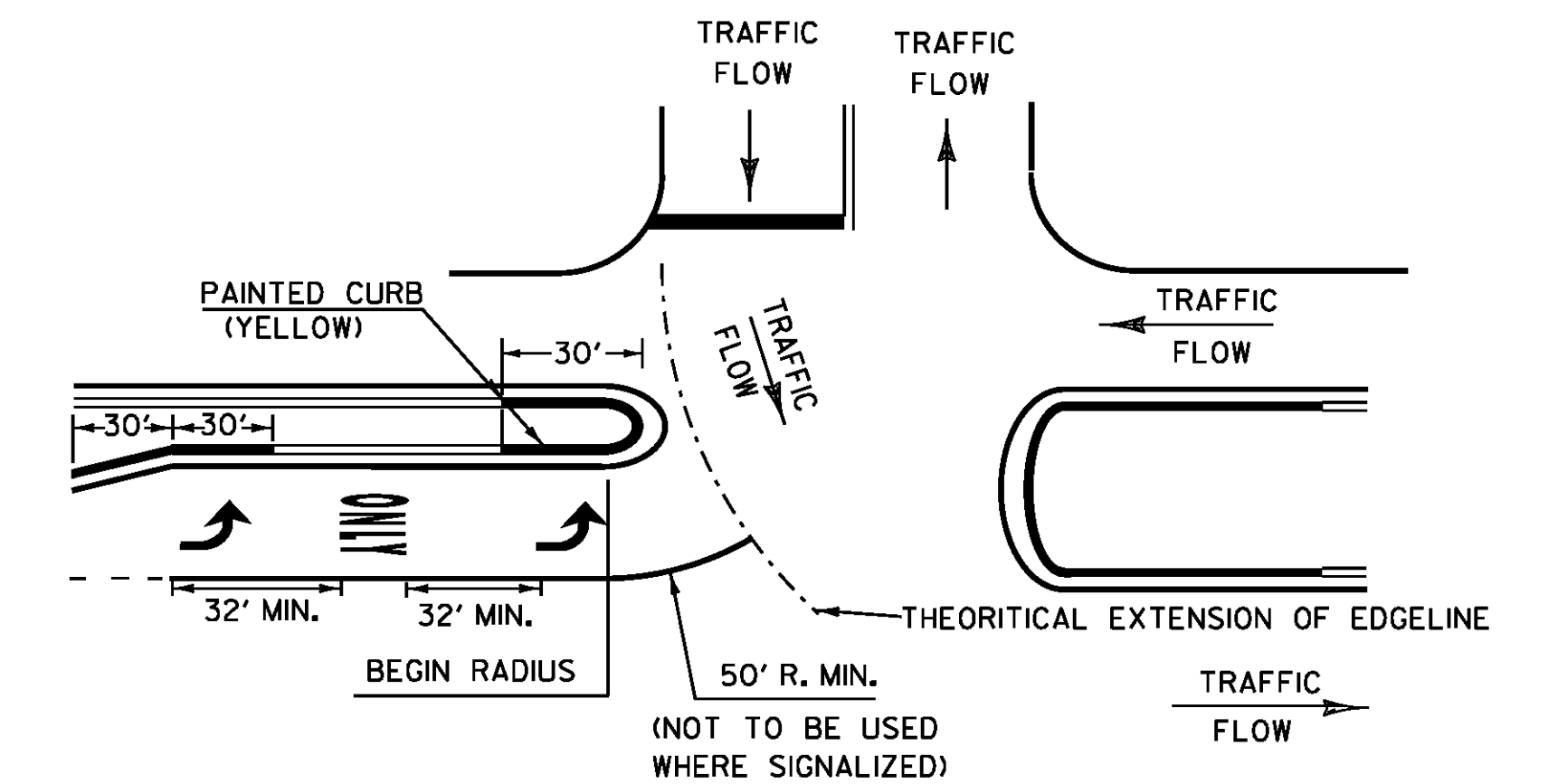
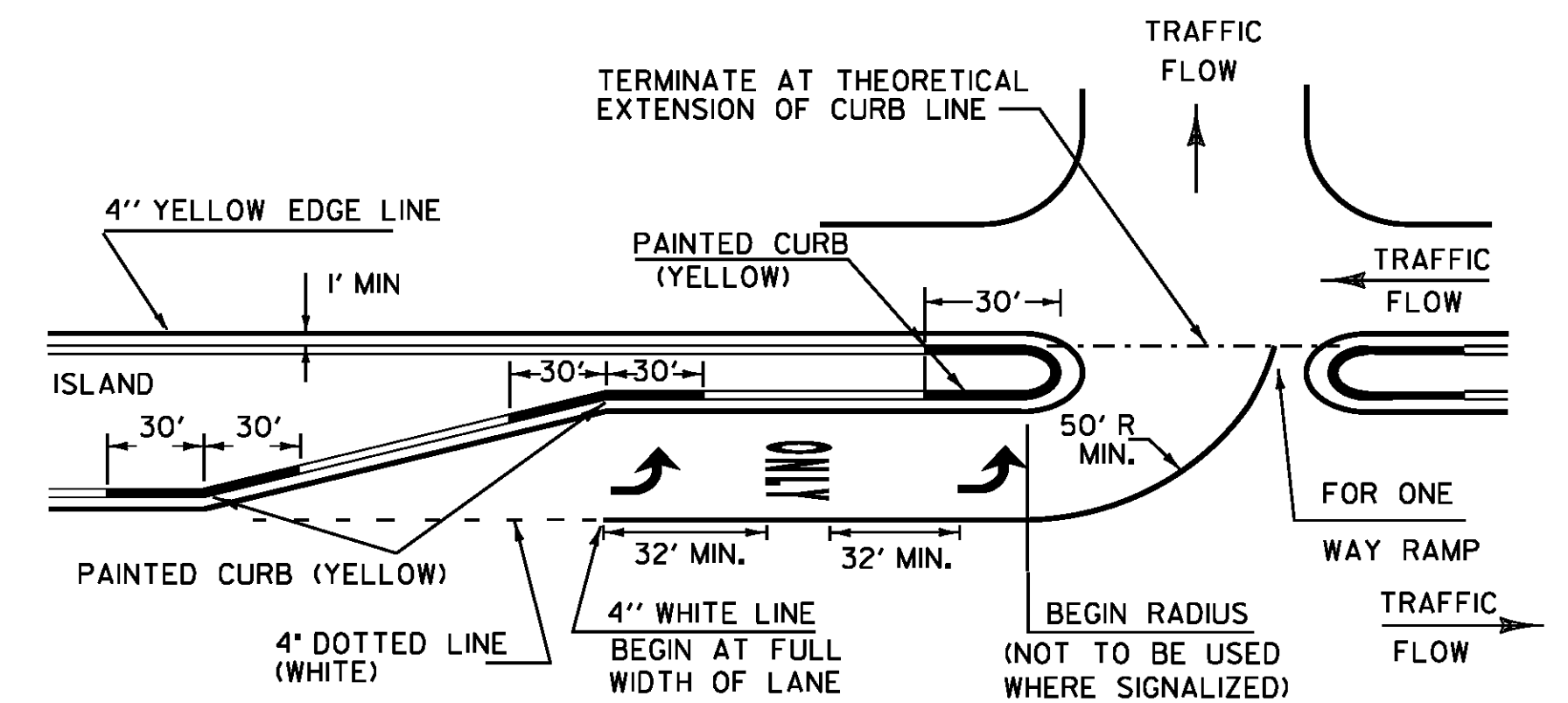
**"NO PASSING" ZONE LAYOUT IN PAVEMENT WIDTH TRANSITIONS, TWO LANE HIGHWAY TO DIVIDED HIGHWAY**



**MEDIAN ISLAND DETAIL**



**TYPICAL MARKINGS FOR SIGNALIZED INTERSECTION**



CURB SHALL BE PAINTED ON THE ISLAND NOSE AND TO A POINT 30 FEET FROM THE END OF THE ISLAND. IN ADDITION, CURB SHALL BE PAINTED 30 FEET FROM ANY CHANGE IN CURB DIRECTION.

**TURN LANE AND PAINTED CURB DETAIL**

**TYPICAL MARKINGS FOR TURN LANES**

EXCLUSIVE TURN (LEFT OR RIGHT) LANE(S) LINES SHALL BE SOLID AND EXTEND BACK FROM THE STOP LINE TO THE POINT OF FULL LANE WIDTH OF THE TURN LANE.

FOR DESIGN OF A LEFT OR RIGHT TURN LANE(S) REFER TO VTRANS "GUIDELINE FOR DETERMINING STORAGE, TAPER AND DECELERATION LENGTHS FOR LEFT AND RIGHT-TURN LANES AT INTERSECTIONS".

LEGEND(S) SHALL START AT THE BEGINNING OF SOLID LANE LINE.

THE FIRST AND LAST SYMBOLS SHALL BE LANE USE ARROWS. THE "ONLY" WORD MARKING SHALL BE USED TO SUPPLEMENT LANE-USE ARROW MARKINGS.

IF LANE LENGTH IS LESS THAN 50 FEET ONLY ONE TURN ARROW PLACED AT THE BEGINNING OF THE SOLID LANE LINE IS REQUIRED.

THE LONGITUDINAL SPACE BETWEEN LEGENDS SHOULD NOT BE MORE THAN TEN TIMES THE HEIGHT OF THE CHARACTERS UNDER ANY CONDITIONS.

A SECOND "ONLY" IS OPTIONAL WHEN SPACE PERMITS. MARKINGS START AT THE BEGINNING OF THE SOLID LANE LINE.

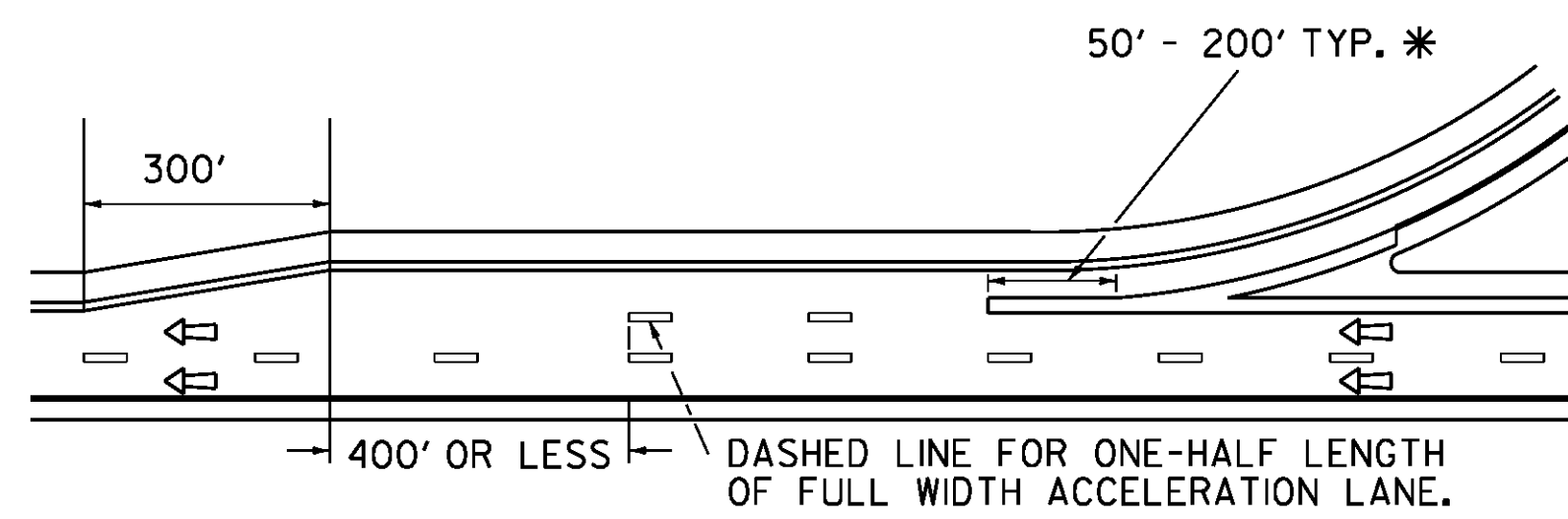
NOT TO SCALE

**PAVEMENT MARKING DETAILS**

**PAVEMENT MARKING DETAILS SHEET 3**

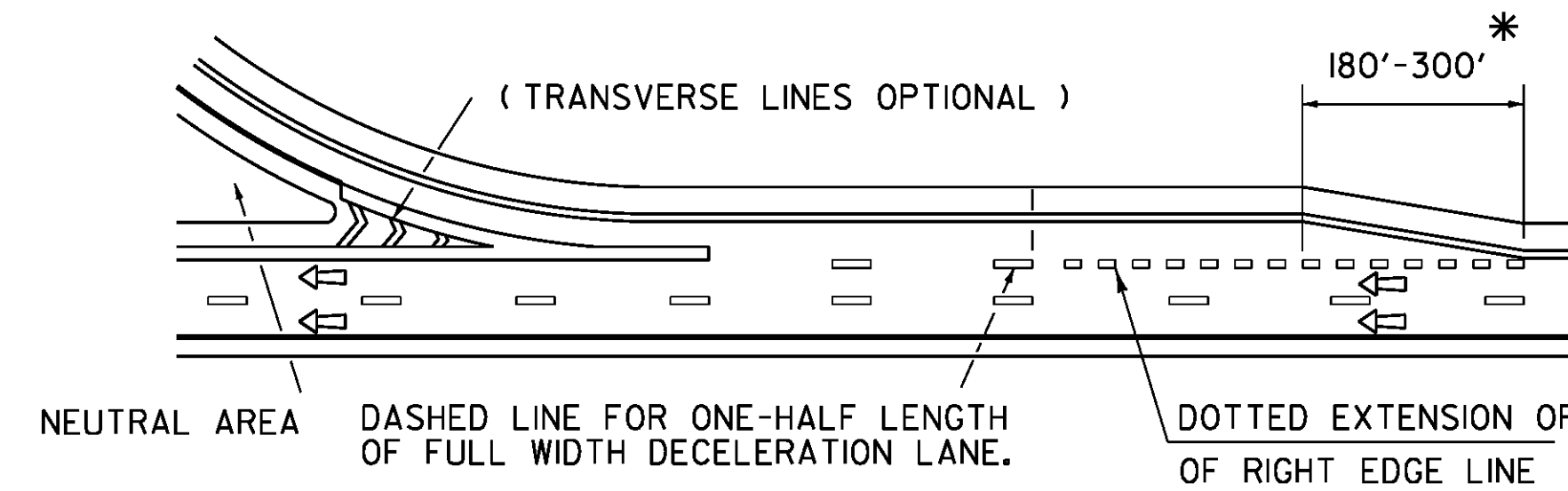
PROJECT:	STATEWIDE	PROJECT NO.:	NHG MARK (204)
DESIGN FILE NAME:	10b096.dgn	PLOT DATE:	24-MAY-2010
IPARM FILE NAME:	10b096pm3.1	SURVEY DATE:	
SURVEYED BY:		DRAWN BY:	KAS
SQUAD LEADER:	A GAMBLE	SHEET:	21 OF 24





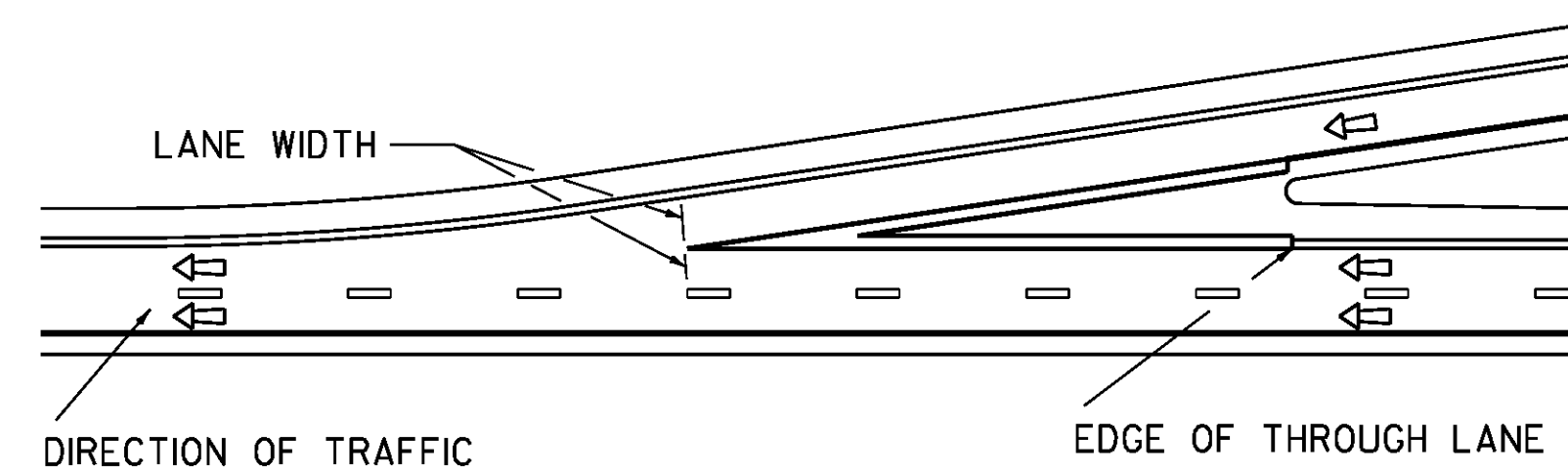
**PARALLEL ACCELERATION LANE**

\* USE LONGER LENGTH TO EMPHASIZE SITUATIONS WHERE THE CROSSING REQUIRES UNUSUAL CARE SUCH AS HIGH VOLUME MERGE AREAS.

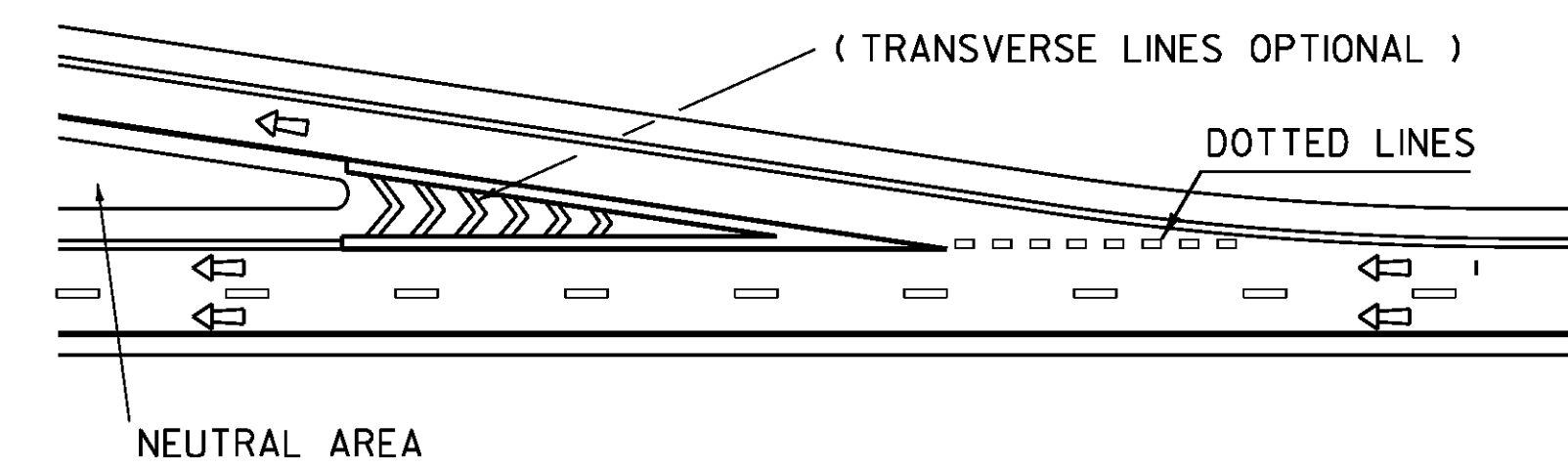


**PARALLEL DECELERATION LANE**

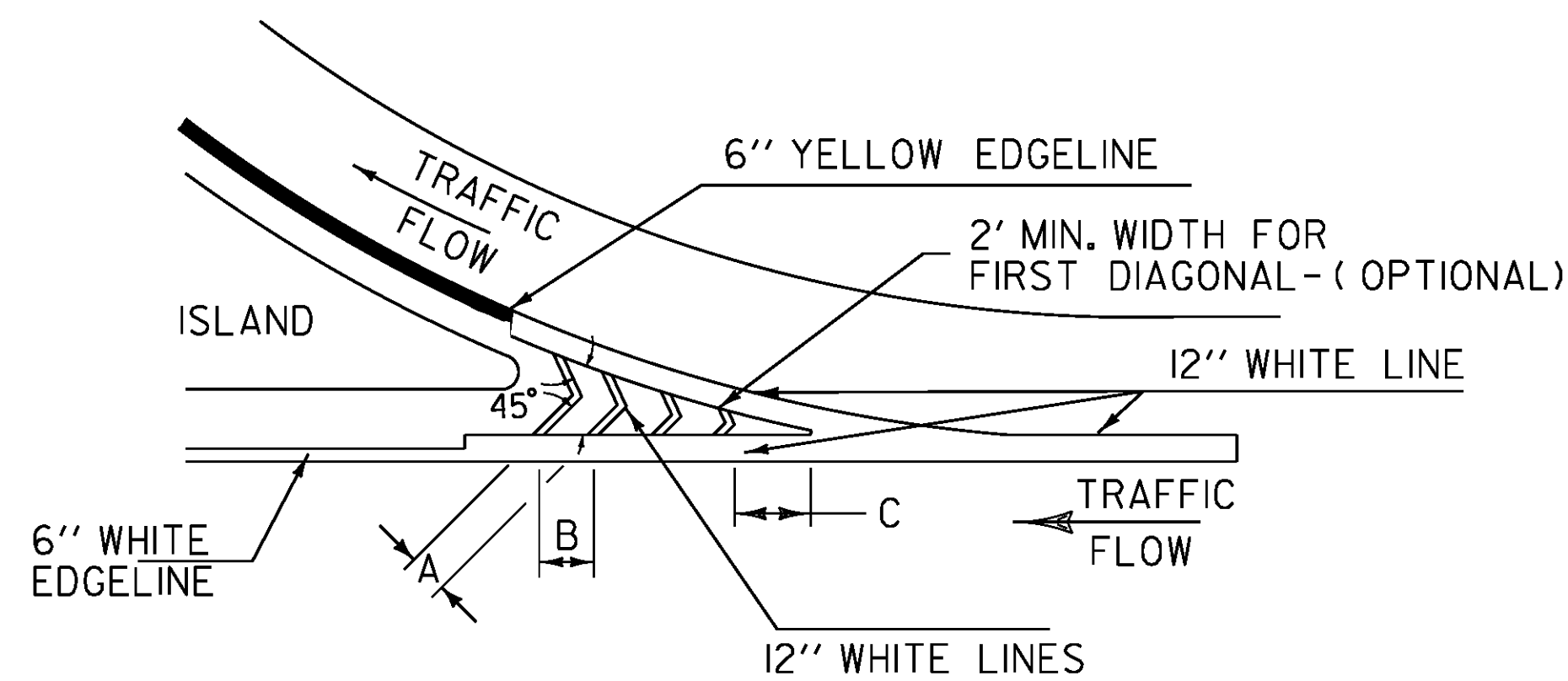
\* SHORTER TAPERS GIVE A BETTER TARGET VALUE, HOWEVER ALIGNMENT MAY DICTATE A LONGER TAPER. ENGINEER SHALL ESTIMATE LENGTH.



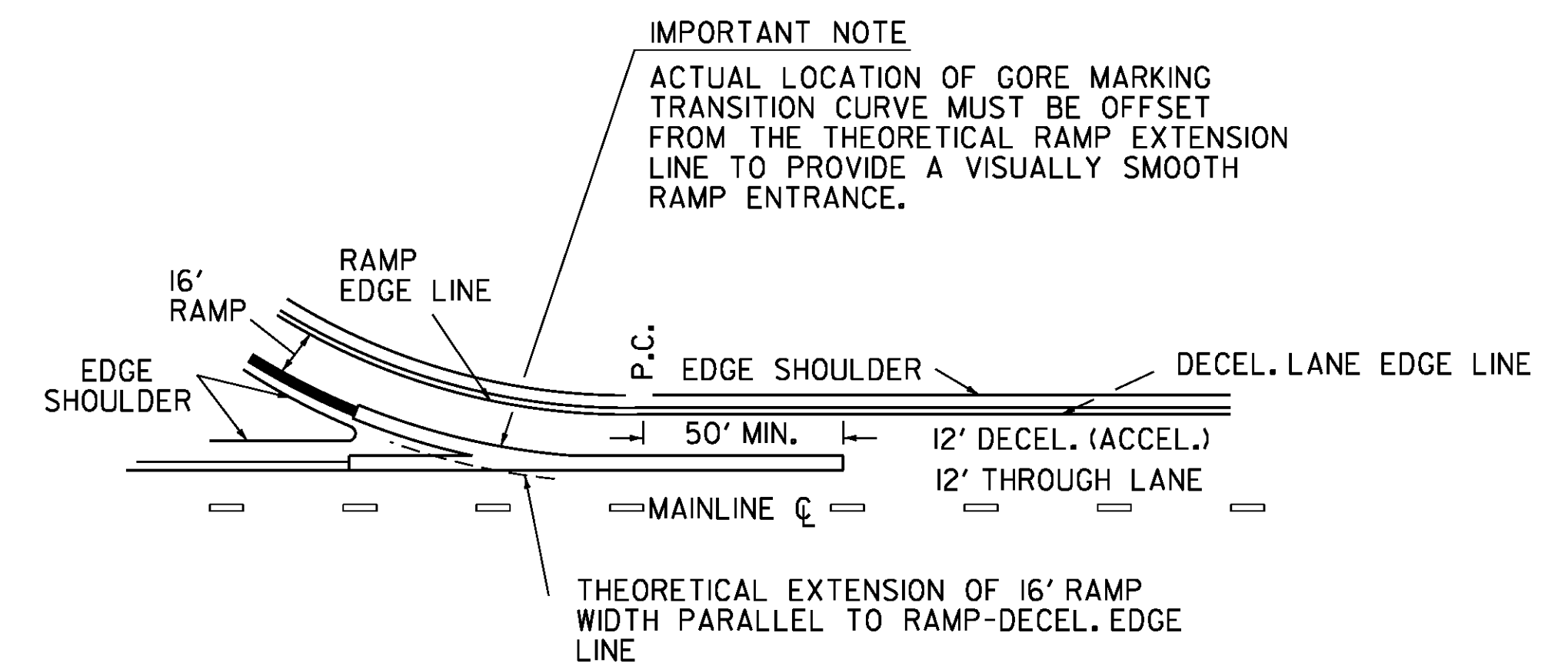
**TAPERED ACCELERATION LANE**



**TAPERED DECELERATION LANE**



**GORE MARKING DETAIL - EXIT TRANSVERSE LINES**



**DETAIL - GORE MARKING TRANSITION CURVE**

**LEGEND**

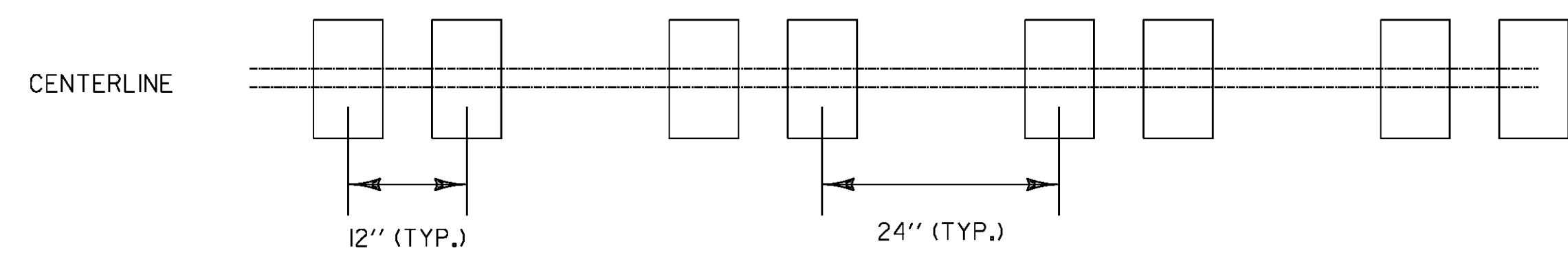
- WHITE LINES
- YELLOW LINES
- ▭ CHANNELIZATION WHITE LINES
- ⋯ WHITE DOTTED LINES (3' SOLID - 9' GAP)
- ← DIRECTION OF TRAFFIC FLOW

DIMENSIONS			CONDITIONS FOR USE	
A	B	C		
5'	7'	2'	LOW SPEED OR HIGH SPEED/W POOR SIGHT DISTANCE, <200'	WHERE LENGTH OF DIAGONAL AREA IS 75' MAX.
10'	14'	4'	HIGH SPEED AND GOOD SIGHT DISTANCE, >200'	WHERE LENGTH OF DIAGONAL AREA EXCEEDS 75'

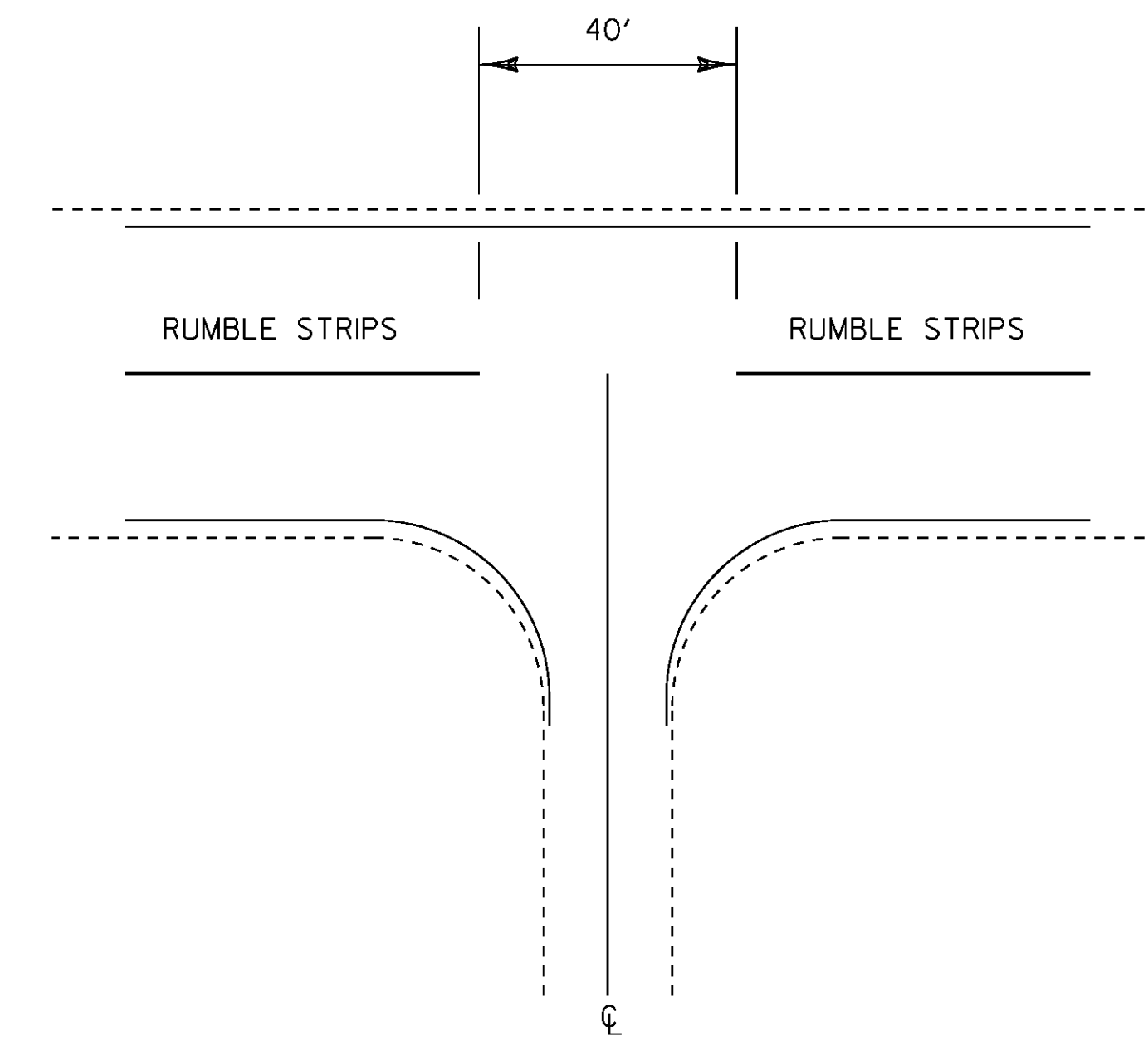
NOT TO SCALE

**PAVEMENT MARKING DETAILS**

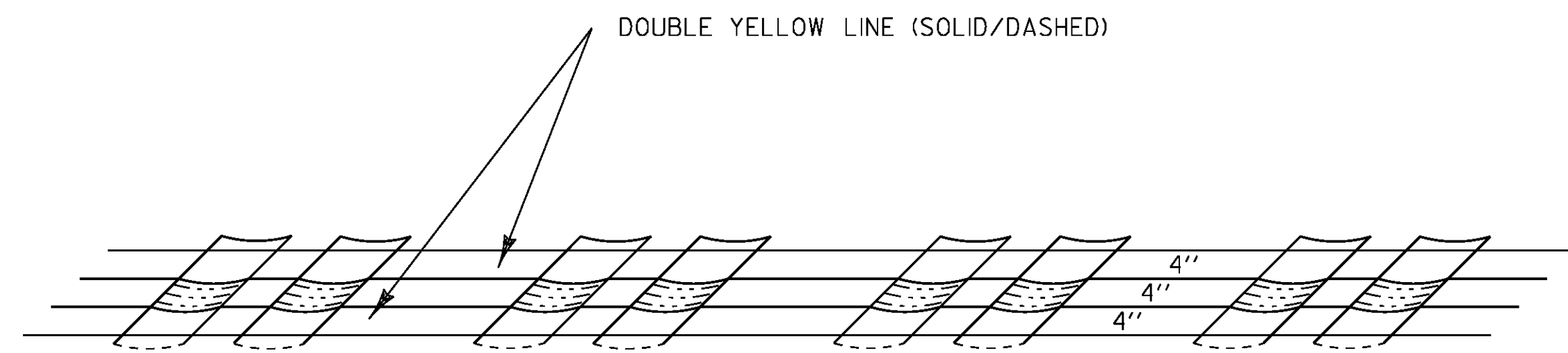
<b>PAVEMENT MARKING DETAILS SHEET 5</b>	PROJECT: <b>STATEWIDE</b>	PROJECT NO.: <b>NHG MARK (204)</b>
	DESIGN FILE NAME: 10b096.dgn IPARM FILE NAME: 10b096pm5.l SURVEYED BY: SQUAD LEADER: A GAMBLE	PLOT DATE: 24-MAY-2010 SURVEY DATE: DRAWN BY: KAS SHEET: 23 OF 24



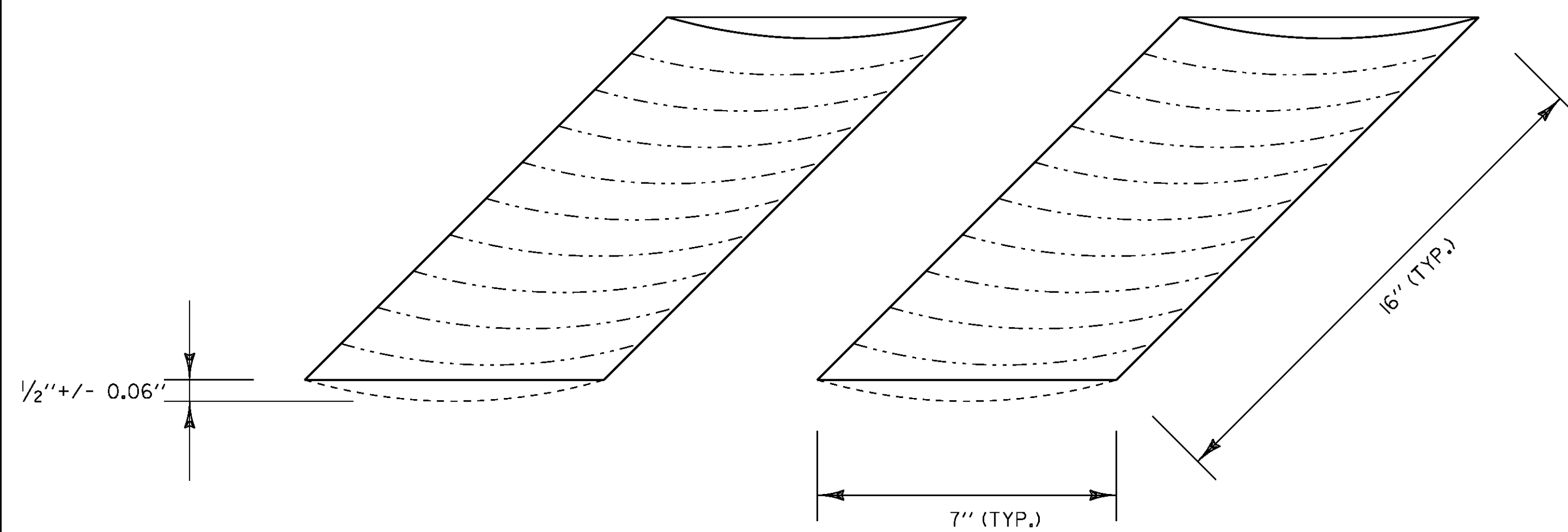
**RUMBLE STRIP LAYOUT**



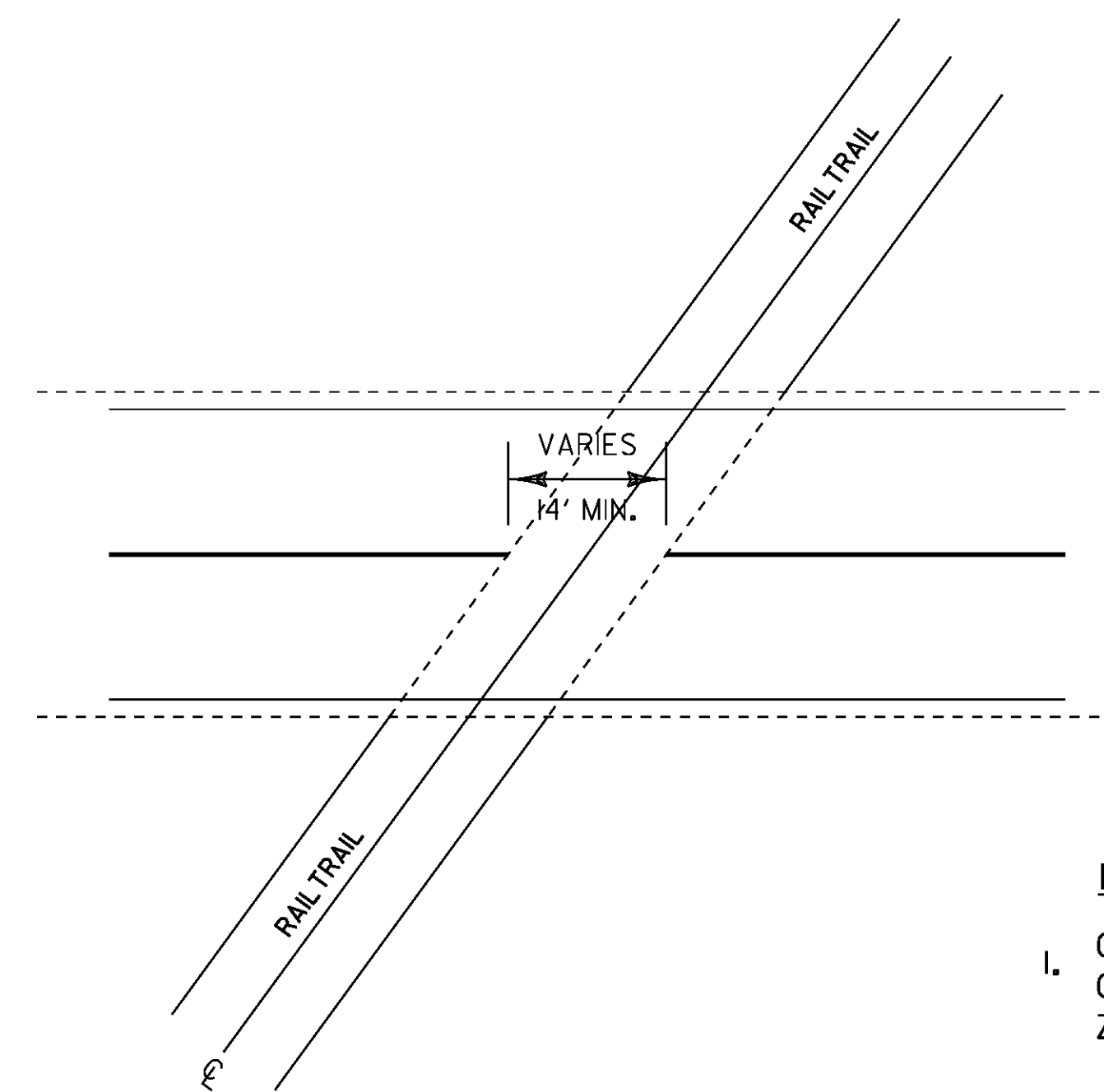
**INTERSECTION DETAIL**



**PAVEMENT MARKINGS DETAIL**



**RUMBLE STRIP DETAIL**



**RAILTRAIL CROSSING DETAIL**

**NOTES**

1. CENTERLINE NOT TO EXTEND BEYOND CENTERLINE RUMBLE STRIPS WHEN CENTERLINE IS A DOUBLE YELLOW LINE, WITH OR WITHOUT A PASSING ZONE.
2. CENTERLINE RUMBLE STRIP TO STOP 20 FEET PRIOR TO THE CENTERLINE OF AN INTERSECTION.
3. WIDTH OF GAP AT RAILTRAIL CROSSINGS WILL VARY WITH SKEW OF CROSSING WITH A MINIMUM 14 FOOT GAP TO BE PROVIDED AT ALL RAILTRAIL CROSSINGS.

NOT TO SCALE

**RUMBLE STRIP  
DETAIL SHEET**

PROJECT:	<b>STATEWIDE</b>	PROJECT NO.:	<b>NHG MARK (204)</b>
DESIGN FILE NAME:	10b096.dgn	PLOT DATE:	24-MAY-2010
IPARM FILE NAME:	10b096rsdet.1	SURVEY DATE:	
SURVEYED BY:		DRAWN BY:	KAS
SQUAD LEADER:	A GAMBLE	SHEET:	24 OF 24