

RURAL CONDITIONS WITH PAVEMENT WIDENING

FOR USE WITH FLEXIBLE AND CONCRETE PAVEMENT

LENGTH OF SUPERELEVATION RUNOFF (Lr)	T.S. OR S.T.	DISTANCE IN METERS FROM T.S. OR S.T. ALONG SPIRAL TRANSITION									S.C. OR C.S.
		1	2	3	4	5	6	7	8	9	
		150	0	15	30	45	60	75	90	105	
145	0	14.5	29	43.5	58	72.5	87	101.5	115	130.5	145
140	0	14	28	42	56	70	84	98	112	126	140
135	0	13.5	27	40.5	54	67.5	81	94.5	108	121.5	135
130	0	13	26	39	52	65	78	91	104	117	130
125	0	12.5	25	37.5	50	62.5	75	87.5	100	112.5	125
120	0	12	24	36	48	60	72	84	96	108	120
115	0	11.5	23	34.5	46	57.5	69	80.5	92	103.5	115
110	0	11	22	33	44	55	66	77	88	99	110
105	0	10.5	21	31.5	42	52.5	63	73.5	84	94.5	105
100	0	10	20	30	40	50	60	70	80	90	100
95	0	9.5	19	28.5	38	47.5	57	66.5	76	85.5	95
90	0	9	18	27	36	45	54	63	72	81	90
85	0	8.5	17	25.5	34	42.5	51	59.5	68	76.5	85
80	0	8 *	16	24 *	32	40 *	48	56 *	64	72 *	80
75	0	7.5 *	15	22.5 *	30	37.5 *	45	52.5 *	60	67.5 *	75
70	0	7 *	14	21 *	28	35 *	42	49 *	56	63 *	70
65	0	6.5 *	13	19.5 *	26	32.5 *	39	45.5 *	52	58.5 *	65
60	0	6 *	12	18 *	24	30 *	36	42 *	48	54 *	60
55	0	5.5 *	11	16.5 *	22	27.5 *	33	38.5 *	44	49.5 *	55
50	0	5 *	10	15 *	20	25 *	30	35 *	40	45 *	50
45	0	4.5 *	9	13.5 *	18	22.5 *	27	31.5 *	36	40.5 *	45

NOTE :

TABLE GIVING POSITIONS ON TRANSITION CURVES AT WHICH SLOPE STAKES SHOULD BE SET,
CONSTRUCTION AND FINAL CROSS-SECTIONS TAKEN, FINE GRADING STAKES (BLUE TOP) SET,
AND FORM STAKES SET (CONCRETE PAVEMENT ONLY).

* DENOTES ADDITIONAL STAKING POSITIONS FOR USE WITH CONCRETE PAVEMENT ONLY.

TABLE 2

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION
REFERENCE