

# URBAN CONDITIONS

## RURAL CONDITIONS WITHOUT PAVEMENT WIDENING

FOR USE WITH FLEXIBLE AND CONCRETE PAVEMENT  
(Lr POSITIONED 2/3 ±ON TANGENT, 1/3 ±ON CURVE)

LENGTH OF SUPERELEVATION RUNOFF (Lr)	END/BEGIN TANGENT RUNOUT (Lt)	DISTANCE IN METERS FROM P.C. OR P.T. ON TANGENT						P.C. OR P.T.	DISTANCE IN METERS FROM P.C. OR P.T. ON CURVE			FULL SUPER ELEVATION (E)
		1	2	3	4	5	6		7	8	9	
150	100	85	70	55	40	25	10	STAKE	5	20	35	50
145	96.5	82	67.5	53	38.5	24	9.5	STAKE	5	19.5	34	48.5
140	93.5	79.5	65.5	51.5	37.5	23.5	9.5	STAKE	4.5	18.5	32.5	46.5
135	90	76.5	63	49.5	36	22.5	9	STAKE	4.5	18	31.5	45
130	87	74	61	48	35	22	9	STAKE	4	17	30	43
125	83.5	71	56.5	46	33.5	21	8.5	STAKE	4	16.5	29	41.5
120	80	68	56	44	32	20	8	STAKE	4	16	28	40
115	76.5	65	53.5	42	30.5	19	7.5	STAKE	4	15.5	27	38.5
110	73.5	62.5	51.5	40.5	29.5	18.5	7.5	STAKE	3.5	14.5	25.5	36.5
105	70	59.5	49	38.5	28	17.5	7	STAKE	3.5	14	24.5	35
100	67	57	47	37	27	17	7	STAKE	3	13	23	33
95	63.5	54	44.5	35	25.5	16	6.5	STAKE	3	12.5	22	31.5
90	60	51	42	33	24	15	6	STAKE	3	12	21	30
85	56.5	48	39.5	31	22.5	14	5.5	STAKE	3	11.5	20	28.5
80	53.5	45.5*	37.5	29.5*	21.5	13.5*	5.5	STAKE *	2.5	10.5*	18.5	26.5
75	50	42.5*	35	27.5*	20	12.5*	5	STAKE *	2.5	10	17.5	25
70	46.5	39.5*	32.5	25.5*	18.5	11.5*	4.5	STAKE *	2.5	9.5*	16.5	23.5
65	43.5	37*	30.5	24*	17.5	11*	4.5	STAKE *	2	8.5*	15	21.5
60	40	34*	28	22*	16	10*	4	STAKE *	2	8	14	20

NOTE :  
TABLE GIVING POSITIONS ON 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.

SPECIFICATION REFERENCE

### TABLE I

VIRGINIA DEPARTMENT OF TRANSPORTATION