

**DESIGN FACTORS FOR A DESIGN SPEED OF 35 MPH  
(URBAN) USING E- 4% MAX.**

RADIUS (FEET)	E (%)	PAVEMENT WIDTH									
		24 FT		36 FT		48 FT		60 FT		66 FT	
		DESIGN SOFTWARE EQUIVALENTS (NUMBER OF LANES AT LANE WIDTH)									
1 @ 12'		1.5 @ 12'		2 @ 12'		3 @ 10'		3 @ 11'		3 @ 12'	
Lt	Lr	Lt	Lr	Lt	Lr	Lt	Lr	Lt	Lr	CR	Lr
4000	NC	0	0	0	0	0	0	0	0	0	0
2561	2.0	39	39	49	49	59	59	65	65	71	71
2374	2.1	39	41	49	51	59	61	65	68	71	75
2199	2.2	39	43	49	54	59	64	65	71	71	79
2031	2.3	39	45	49	56	59	67	65	75	71	82
1866	2.4	39	47	49	59	59	70	65	78	71	86
1697	2.5	39	49	49	61	59	73	65	81	71	89
1538	2.6	39	51	49	63	59	76	65	84	71	93
1403	2.7	39	53	49	66	59	79	65	88	71	96
1285	2.8	39	55	49	68	59	82	65	91	71	100
1182	2.9	39	57	49	71	59	85	65	94	71	103
1090	3.0	39	59	49	73	59	88	65	97	71	107
1008	3.1	39	60	49	75	59	90	65	100	71	110
933	3.2	39	62	49	78	59	93	65	104	71	114
865	3.3	39	64	49	80	59	96	65	107	71	118
802	3.4	39	66	49	83	59	99	65	110	71	121
743	3.5	39	68	49	85	59	102	65	113	71	125
688	3.6	39	70	49	88	59	105	65	117	71	128
634	3.7	39	72	49	90	59	108	65	120	71	132
580	3.8	39	74	49	92	59	111	65	123	71	135
522	3.9	39	76	49	95	59	114	65	126	71	139
420	4.0	39	78	49	97	59	117	65	130	71	142
											155

NOTE:

LT AND LR VALUES IN FEET.

FOR PAVEMENT WIDTHS GREATER THAN 72 FEET USE LR VALUES DEVELOPED BY THE DESIGN SOFTWARE.

LISTED RADIUS IS THE MINIMUM ALLOWABLE RADIUS FOR THE CORRESPONDING E, LT, AND LR VALUES.