

DESIGN FACTORS FOR A DESIGN SPEED OF 60 MPH  
(URBAN) USING E= 4 % MAX.

RADIUS (FEET)	E (%)	PAVEMENT WIDTH											
		24 FT		36 FT		48 FT		60 FT		66 FT		72 FT	
		IGRDS EQUIVALENTS (NUMBER OF LANES AT LANE WIDTH)											
		1 @ 12'		1.5 @ 12'		2 @ 12'		3 @ 10'		3 @ 11'		3 @ 12'	
		CR	LS	CR	LS	CR	LS	CR	LS	CR	LS	CR	LS
20000	2.1	180	180	180	180	180	180	180	180	180	180	180	180
15000	2.1	180	180	180	180	180	180	180	180	180	180	180	180
10000	2.1	180	180	180	180	180	180	180	180	180	180	180	180
7000	2.1	180	180	180	180	180	180	180	180	180	180	180	180
5000	2.6	146	180	146	180	146	180	146	180	146	180	146	180
4000	2.9	131	180	131	180	131	180	131	180	131	180	131	180
3000	3.3	115	180	115	180	115	180	115	180	115	180	115	180
2500	3.6	105	180	105	180	105	180	105	180	105	180	117	200
2250	3.7	103	180	103	180	103	180	103	180	114	200	114	200
2000	3.9	97	180	97	180	97	180	97	180	108	200	119	220
1750	4.0	95	180	95	180	95	180	95	180	105	200	116	220
⊙1505	4.0	95	180	95	180	95	180	95	180	105	200	116	220

NOTE:

CR AND LS VALUES IN FEET.

FOR PAVEMENT WIDTHS GREATER THAN 72 FEET  
USE LS VALUES DEVELOPED BY IGRDS WITH AN  
ABSOLUTE MINIMUM LS OF 180 FEET.

⊙ MINIMUM ALLOWABLE RADIUS