DESIGN FACTORS FOR A DESIGN SPEED OF 55 MPH (RURAL) USING E= 8% MAX.

DESIGN VELOCITY=55		WIDTH=18 FT			WIDTH=20 FT			WIDTH=22 FT			WIDTH=24 FT			WIDTH=48 FT			WIDTH=72 FT		
		IGRDS EQUIVALENTS (NUMBER OF LANES AT LANE WIDTH)																	
		1 @ 9'			1 @ 10'			1 @ 11'			1 @ 12'			2 @ 12'			3 @ 12'		
RADIUS (FT)	E(%)	CR	LS	w	CR	LS	w	CR	LS	w	CR	LS	w	CR	LS	w	CR	LS	w
20000	2.1	180	180	0.0	180	180	0.0	180	180	0.0	180	180	0.0	180	180	0.0	180	180	0.0
15000	2.1	180	180	0.0	180	180	0.0	180	180	0.0	180	180	0.0	180	180	0.0	180	180	0.0
10000	2.1	180	180	0.0	180	180	0.0	180	180	0.0	180	180	0.0	180	180	0.0	180	180	0.0
7000	2.1	180	180	0.0	180	180	0.0	180	180	0.0	180	180	0.0	180	180	0.0	180	180	0.0
5000	2.8	135	180	0.0	135	180	0.0	135	180	0.0	135	180	0.0	135	180	0.0	135	180	0.0
4000	3.4	112	180	0.0	112	180	0.0	112	180	0.0	112	180	0.0	112	180	0.0	112	180	0.0
3000	4.4	86	180	0.0	86	180	0.0	86	180	0.0	86	180	0.0	86	180	0.0	115	240	0.0
2500	5.0	40	180	3.3	43	180	2.3	76	180	0.0	76	180	0.0	84	200	0.0	110	260	0.0
2250	5.4	40	180	3.4	43	180	2.4	70	180	0.0	70	180	0.0	86	220	0.0	109	280	0.0
2000	5.9	40	180	3.5	42	180	2.5	65	180	0.0	65	180	0.0	86	240	0.0	114	320	0.0
1750	6.4	40	180	3.6	42	180	2.6	60	180	0.0	60	180	0.0	86	260	0.0	112	340	0.0
1500	7.0	40	180	3.8	42	180	2.8	54	180	0.0	54	180	0.0	84	280	0.0	108	360	0.0
1300	7.5	39	180	4.0	46	200	3.0	49	200	2.0	56	200	0.0	84	300	0.0	112	400	0.0
1150	7.8	43	200	4.1	46	200	3.1	48	200	2.1	54	200	0.0	81	300	0.0	108	400	0.0
1000	8.0	43	200	4.3	46	200	3.3	53	220	2.3	58	220	0.0	84	320	0.0	111	420	0.0
⊛ 964	8.0	43	200	4.3	46	200	3.3	53	220	2.3	58	220	0.0	84	320	0.0	111	420	3.9

NOTE:

CR, LS & w VALUES IN FEET.

FOR PAVEMENT WIDTHS GREATER THAN 72 FEET
USE LS VALUES DEVELOPED BY IGRDS.

⊛ MINIMUM ALLOWABLE RADIUS