R *	V = 20			V = 25			V = 30			V = 40			V = 45			V = 50			V = 55			V = 60			V = 70		
	e	L		e	L		e	L		e	L		e	L		e	L		e	L		e	L			L	
		2 ln	4 ln		2 ln	4 ln		2 ln	4 ln		2 ln	4 ln		2 ln	4 ln		2 ln	4 ln		2 ln	4 ln		2 ln	4 ln		2 ln	4 ln
23000	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0
20000	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0
17000	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0
14000	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0
12000	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	RC	60	90
10000	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	RC	53	80	2.1	63	95
8000	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	RC	51	77	RC	53	80	2.5	75	113
6000	NC	0	0	NC	0	0	NC	0	0	NC	0	0	RC	44	67	RC	48	72	2.2	55	84	2.6	69	104	3.2	96	144
5000	NC	0	0	NC	0	0	NC	0	0	RC	41	62	RC	44	67	2.2	53	79	2.6	66	100	3	80	120	3.7	111	167
4000	NC	0	0	NC	0	0	NC	0	0	RC	41	62	2.3	51	77	2.7	65	97	3.1	79	119	3.6	96	144	4.4	132	198
3500	NC	0	0	NC	0	0	NC	0	0	2.1	43	65	2.6	58	87	3	72	108	3.6	89	134	3.9	104	156	4.9	147	221
3000	NC	0	0	NC	0	0	RC	36	55	2.4	50	74	2.9	64	97	3.4	82	122	3.9	100	149	4.3	115	172	5.3	159	238
2500	NC	0	0	NC	0	0	RC	36	55	2.8	58	87	3.3	73	110	3.8	91	137	4.3	110	165	4.6	128	192	5.6	174	261
2000	NC	0	0	RC	34	51	2.2	40	60	3.3	68	102	3.8	84	127	4.3	103	155	4.9	125	188	5.4	144	216	Rmin = 2050		
1800	NC	0	0	RC	34	51	2.4	44	65	3.6	74	112	4.1	91	137	4.6	110	166	5.1	130	195	5.6	149	224			
1600	NC	0	0	2.1	35	54	2.7	49	74	3.8	79	118	4.4	98	147	4.9	118	176	5.4	138	207	5.9	157	236			
1400	RC	32	49	2.3	39	59	2.9	53	79	4.1	85	127	4.7	104	157	5.2	125	187	5.7	146	218	6	160	240			
1200	RC	32	49	2.6	45	67	3.3	60	90	4.5	93	140	5	111	167	5.6	134	202	5.9	151	226	Rmin = 1340					
1000	2.2	36	54	3	51	77	3.7	67	101	4.9	101	152	5.5	122	183	5.9	142	212	Rmin = 1065								
900	2.4	39	58	3.2	55	82	3.9	71	106	5.1	106	158	5.7	127	190	6	144	216									
800	2.7	44	66	3.4	58	87	4.1	75	112	5.4	112	168	5.9	131	197	Rmin = 835											
700	2.9	47	71	3.7	63	95	4.4	80	120	5.7	118	177	6	133	200												
600	3.2	52	78	4	69	103	4.7	85	128	5.9	122	183	Rmin = 660														
500	3.6	58	86	4.3	74	111	5.1	93	139	Rmin = 510																	
450	3.8	62	92	4.5	77	116	5.3	96	145																		
400	4	65	97	4.8	82	123	5.6	102	153																		
350	4.2	68	102	5.1	87	131	5.8	105	158																		
300	4.5	73	109	5.4	93	139	6	109	164																		
250	4.8	78	117	5.7	98	147	Rmin = 275																				
200	5.3	86	129	6	103	154																					
150	5.8	94	141	Rmin = 185																							
	Rmin = 115																										

* For curve radii intermediate between listed values, use a straight-line interpolation to determine the superelevation rate.

Notes:

1. This figure applies to open-road conditions.

2. For applicable maximum side-friction factors for the various design speeds, see Figure 43-2A

e_{max} = 6%

Key:
- R = Radius of curve (ft)
- V = Design speed (mph)
- e = Superelevation rate (Percent)
- L = Minimum length of superelevation runoff (from adverse cross slope removed to full super)
- 2 Ln = L for 2-lane, 2-way roadway rotated about the centerline
- 4 Ln = L for 4-lane divided highway rotated about the two median edges
- NC = Normal Crown
- RC = Remove (adverse) crown

RATE OF SUPERELEVATION AND LENGTH OF SUPERELEVATION RUNOFF
(Rural Highways and High-Speed Urban Highways) e_{max} = 6%
Figure 43-3A$_2$