R *	V = 30			V = 40			V = 50			V = 60			V = 70			V = 80			V = 90			V = 100			V = 110		
	e	L		e	L		e	L		e	L		e	L		e	L		e	L		e	L		e	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
7000	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
5000	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
3000	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	RC	16	25	2.1	18	28
2500	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	RC	15	23	2.1	17	26	2.4	21	32
2000	NC	0	0	NC	0	0	NC	0	0	NC	0	0	NC	0	0	RC	14	22	2.2	17	25	2.6	21	32	3	26	40
1500	NC	0	0	NC	0	0	NC	0	0	NC	0	0	RC	13	20	2.4	17	26	2.8	21	32	3.4	28	42	3.9	34	51
1400	NC	0	0	NC	0	0	NC	0	0	RC	12	18	2.1	14	21	2.5	18	27	3	23	34	3.6	29	44	4.1	35	54
1300	NC	0	0	NC	0	0	NC	0	0	RC	12	18	2.2	14	22	2.7	19	29	3.2	25	37	3.8	31	47	4.4	39	58
1200	NC	0	0	NC	0	0	NC	0	0	RC	12	18	2.4	15	24	2.9	21	31	3.4	26	39	4.1	34	50	4.7	41	62
1000	NC	0	0	NC	0	0	RC	11	17	2.2	13	20	2.8	18	27	3.4	24	37	4	31	46	4.8	39	59	5.5	48	72
900	NC	0	0	NC	0	0	RC	11	17	2.4	14	22	3.1	20	30	3.7	27	40	4.4	34	51	5.2	43	64	6	53	79
800	NC	0	0	NC	0	0	RC	11	17	2.7	15	24	3.4	22	33	4.1	30	44	4.8	37	55	5.7	47	70	6.6	58	87
700	NC	0	0	RC	10	15	2.2	12	18	3	18	27	3.8	25	37	4.5	32	49	5.3	41	61	6.3	52	77	7.2	63	95
600	NC	0	0	RC	10	15	2.6	14	22	3.4	20	31	4.3	28	42	5.1	37	55	6	46	69	6.9	55	85	7.7	68	101
500	NC	0	0	2.2	11	17	3	17	25	3.9	23	35	4.9	32	48	5.8	42	63	6.7	51	77	7.5	62	93	8	70	105
400	RC	10	14	2.7	14	21	3.6	20	30	4.7	28	42	5.7	37	56	6.5	48	71	7.5	57	86	8	65	98	R_{min} = 500		
300	2.1	10	15	3.4	17	26	4.5	25	37	5.6	34	50	6.7	44	66	7.6	55	82	R_{min} = 305			R_{min} = 395					
250	2.5	12	18	4	21	31	5.1	28	42	6.2	37	56	7.4	48	73	7.9	57	85									
200	3	14	22	4.6	24	35	5.8	32	48	7	42	63	7.9	52	78	R_{min} = 230											
175	3.4	16	24	5	26	39	6.2	34	52	7.4	44	67	8	52	79												
150	3.8	18	27	5.4	28	42	6.7	37	56	7.8	47	70	R_{min} = 175														
140	4	19	29	5.6	29	43	6.9	38	57	7.9	47	71															
130	4.2	20	30	5.8	30	45	7.1	39	59	8	48	72															
120	4.4	21	32	6	31	48	7.4	41	61	R_{min} = 125																	
110	4.7	23	34	6.3	32	49	7.6	42	63																		
100	5	24	36	6.5	34	51	7.8	43	65																		
90	5.2	25	37	6.9	35	53	7.9	44	66																		
80	5.5	26	40	7.2	37	56	8	44	68																		
70	5.9	28	42	7.5	39	58	R_{min} = 80																				
60	6.4	31	46	7.8	40	60																					
50	6.9	33	50	8	41	62																					
40	7.5	36	54	R_{min} = 50																							
30	8	38	58																								
	R_{min} = 30																										

* 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*
3. *R_{min} values are rounded to the nearest 5m.*

e_{max} = 8%

Key:

- R = Radius of curve (m)
- V = Design speed (km/h)
- 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} = 8%
Figure 43-3A$_3$