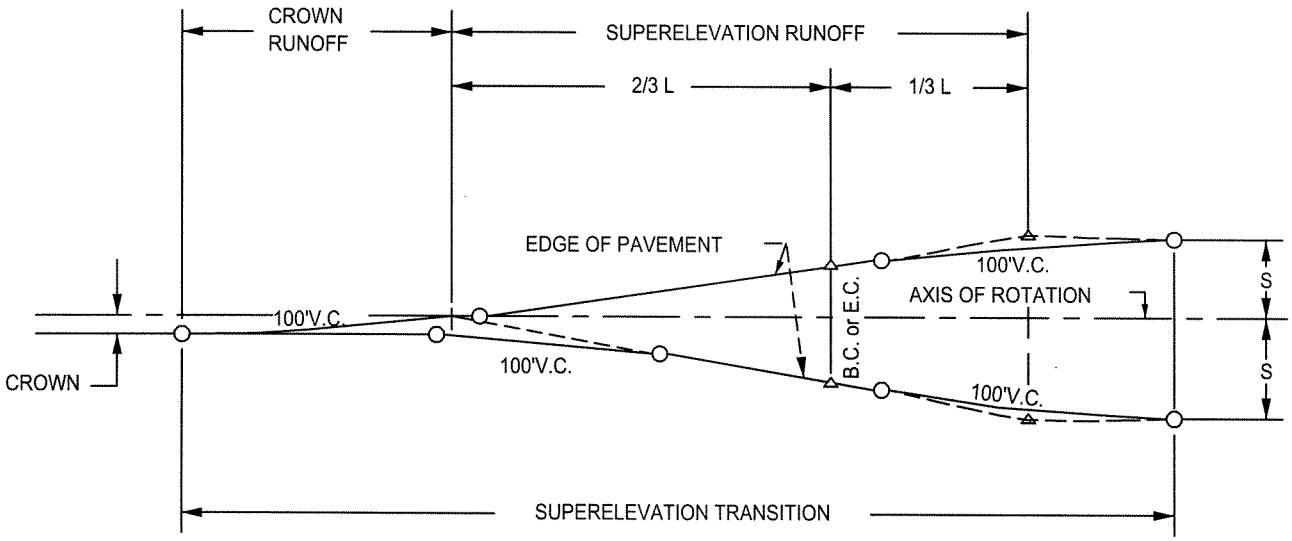

Formula: L = 150 DS (Note: Adjust computed length to nearest 10' divisible by 3)

L = Length of superelevation run off (ft.)

S = Superelevation rate (ft./ft.)

D = Distance from axis of rotation to outside edge of lanes (ft.)

Min. L = 150'

Max. L = 510'

TABLE OF SUPERELEVATION RUNOFF LENGTHS

Superelevation Rate "S" ft./ft.	Length L (ft.)		
	24 ft.	36 ft.	48 ft.
0.02	150	150	150
0.03	150	180	210
0.04	150	210	300
0.05	180	270	360
0.06	210	330	450
0.07	270	390	510
0.08	300	450	
0.09	330	480	
0.10	360	510	
0.11	390		
0.12	420		

FOR WIDTHS OF "D" NOT INCLUDED IN TABLE, USE FORMULA

CHG	DESCRIPTION	DATE	INITIAL

APPROVED Mark Watkins 5/20/03
CITY ENGINEER DATE

CITY OF THOUSAND OAKS
PUBLIC WORKS DEPARTMENT

STANDARD
SUPERELEVATION TRANSITION

PLATE NO.
3-6