



FORMULA: $L = 150 DS$ (NOTE: ADJUST COMPUTED LENGTH TO NEAREST 10' DIVISIBLE BY 3)

L = LENGTH OF SUPERELEVATION RUNOFF (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

APPROVED: *[Signature]* 5/21/18
CITY ENGINEER DATE

CHANGE	DESCRIPTION	DATE	INITIAL