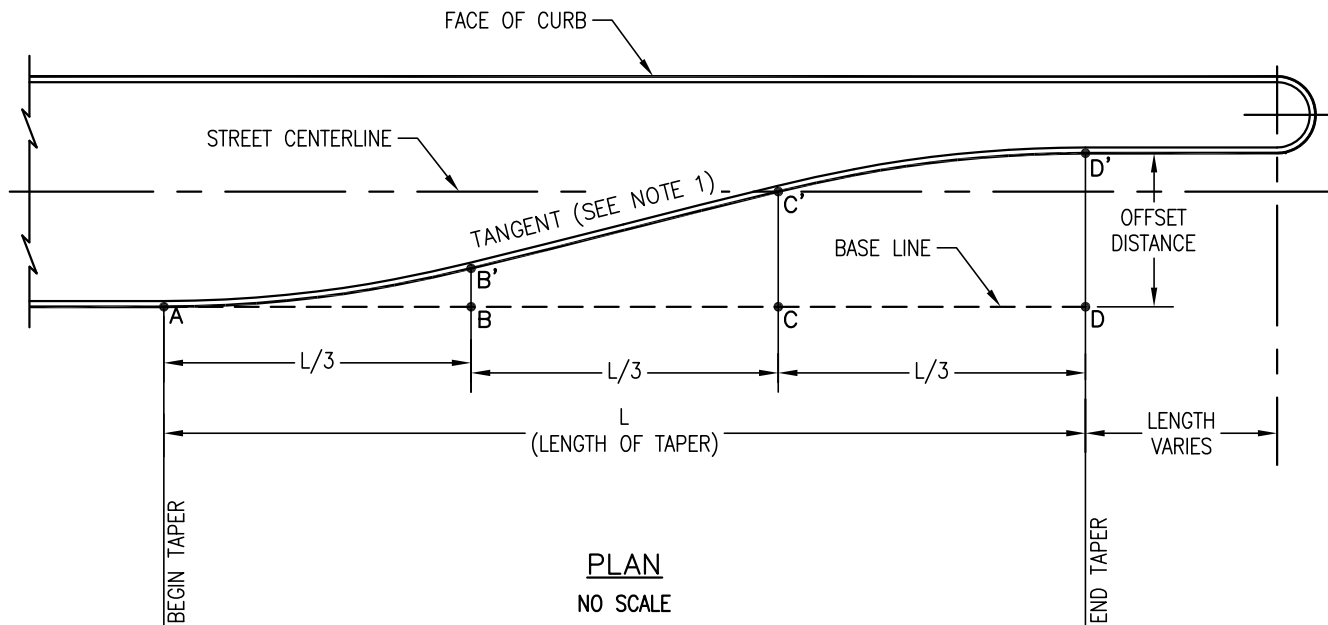




LENGTH OF TAPER (FEET)			OFFSET DISTANCE (FEET)			
L=60'	L=90'	L=120'	DD'=10'	DD'=11'	DD'=12'	
DISTANCE FROM POINT "A"						
0	0	0	0	0	0	
5	7.5	10	0.16	0.17	0.19	
10	15.0	20	0.62	0.69	0.75	
15	22.5	30	1.41	1.55	1.69	
B'	20	30.0	40	2.50	2.75	3.00
C'	30	45.0	60	5.00	5.50	6.00
	40	60.0	80	7.50	8.25	9.00
D'	45	67.5	90	8.59	9.45	10.31
	50	75.0	100	9.38	10.31	11.25
	55	82.5	110	9.84	10.83	11.81
	60	90.0	120	10.00	11.00	12.00

NOTES:

- WHERE STREET CENTERLINE IS A CURVE, NEITHER BASE LINE NOR TAPER BETWEEN B & C WILL BE A TANGENT. USE PROPORTIONAL OFFSETS FROM B TO C.
- L = AD = LENGTH OF TAPER
 $AB = BC = CD = \frac{1}{3} L$
 $BB' = \frac{1}{3} CC' = \frac{1}{4} DD'$
 AB' & C'D' ARE PARABOLIC CURVES



DRAWN BY: K. TRAN

CHECKED BY: F. AMIN

APPROVED BY: G. GOMEZ

DATE: OCTOBER 2013

MEDIAN ISLAND TAPER

CITY OF SANTA CLARA

ST-22

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