



$$Y = W(X^2/L) \quad \tan \theta = 2W/L \quad A = R(\tan \theta / 2)$$

L = LENGTH OF FLARE IN FEET A = TANGENT
W = MAXIMUM OFFSET DISTANCE IN FEET R = RADIUS OF NOSE IN FEET
X = DISTANCE ALONG BASE LINE IN FEET Y = OFFSET FROM BASE LINE IN FEET

OFFSET "Y" (IN FEET)
FOR W/L = 1:10

L \ X	10	20	30	40	50	60	70	80	90	100
60	.17	.67	1.50	2.67	4.17	6.00	---	---	---	---
100	.10	.40	.90	1.60	2.50	3.60	4.90	6.40	8.10	10.00

NOTES:

- FOR 60' FLARE, USE R=4' (14' MEDIAN)
FOR 100' FLARE, USE R=7' (24' MEDIAN)
- IF STATION OF RADIUS POINT IS NOT GIVEN ON PLAN, TANGENT "A" MAY BE IGNORED.

CITY OF MISSION VIEJO



PARABOLIC MEDIAN CURB FLARE

Robert Anderson 9-23-03
APPROVED RCE 51160 DATE

STANDARD
PLAN NO.

311

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