$$Y = W(X^2/L) \qquad \text{TAN } \theta = 2W/L \qquad A = R(\text{TAN}\phi/2)$$

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:

1. FOR 60' FLARE, USE R=4' (14' MEDIAN)
   FOR 100' FLARE, USE R=7' (24' MEDIAN)

2. IF STATION OF RADIUS POINT IS NOT GIVEN ON PLAN, TANGENT
   "A" MAY BE IGNORED.

CITY OF MISSION VIEJO

PARABOLIC MEDIAN CURB FLARE

STANDARD PLAN NO.

311

APPROVED · RCE 30190 · 9.23.03 · DATE

SHT 1 OF 1