



$$Y = W \left(\frac{X}{90'} \right)^2 \quad \tan \left(\frac{2W}{90'} \right) = \theta \quad T = R \tan \left(\frac{\theta}{2} \right)$$

L = LENGTH OF FLARE IN FEET
 W = MAXIMUM OFFSET DISTANCE IN FEET
 X = DISTANCE ALONG BASE LINE IN FEET
 Y = OFFSET FROM BASE LINE IN FEET

OFFSET Y FOR W/L = 1.15'

L \ X	10'	15'	20'	25'	30'	40'	45'	50'	60'	70'	75'	80'	90'	100'
90'	0.07'	0.17'	0.30'	0.46'	0.67'	1.19'	1.50'	1.85'	2.67'	3.63'	4.17'	4.74'	6.00'	12.00'
120'	.06'	0.12	.22'	0.34	.50'	.89'	1.18	1.39'	2.00'	2.72'	3.11	3.56'	4.50'	5.56'

NOTE:

IF STATION OF RADIUS POINT IS NOT GIVEN ON PLAN, TANGENT 'T' MAY BE IGNORED.

(Not To Scale)



ENGINEERING DEPARTMENT

MEDIAN FLARE

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 CITY ENGINEER

DATE: MAR. 20, 2001
 REVISED:

SHEET NO.
ST-33