



FORMULA: $Y = 2.25W \left(\frac{X}{L}\right)^2$

W=WIDTH OF LEFT TURN POCKET

L=LENGTH OF TAPER

AB=BC=CD=L/3

AB' AND CD' ARE PARABOLIC CURVES EXCEPT ON CURVED ALIGNMENTS

X=DISTANCE FROM POINT A' ALONG BASE LINE

Y=OFFSET FROM BASE LINE

SINGLE LEFT TURN POCKET

L=90' W=10'

X	0'	10'	20'	30'	40'	50'	60'	70'	80'	90'
Y	0.00'	0.28'	1.11'	2.5'	4.17'	5.83'	7.50'	8.89'	9.72'	10.00'

L=60' W=10'

X	0'	10'	20'	30'	40'	50'	60'
Y	0.00'	0.62'	2.5'	5.00'	7.50'	9.38'	10.00'

DOUBLE LEFT TURN POCKET

L=150' W=20'

X	0'	10'	20'	30'	40'	50'	60'	70'	80'	90'	100'	110'	120'	130'	140'	150'
Y	0.00'	0.20'	0.80'	1.80'	3.20'	5.00'	7.00'	9.00'	11.00'	13.00'	15.00'	16.80'	18.20'	19.20'	19.80'	20.00'

NOTES:

1. IN THE CASE THE BASE LINE IS CURVED , THE OFFSETS ARE CALCULATED BY ASSUMING THE BASE LINE TO BE TANGENT; THEY ARE THEN APPLIED TO THE CURVED BASE LINE. AB' AND CD' ARE NO LONGER PARABOLIC AND BC' IS NO LONGER A TANGENT.
2. USE 60' TRANSITION WHEN DISTANCE IS INSUFFICIENT FOR 90' TRANSITION OR WHERE APPROVED BY ENGINEER.

CITY OF CARSON

MEDIAN CURB LEFT TURN
REVERSE TAPER

DRAWN BY
[Signature]
DATE APPROVED
2/2/87

RECOMMENDED: *[Signature]* APPROVED: *[Signature]*
DIVISION ENGINEER DIRECTOR OF PUBLIC WORKS

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