R IN FT.	S IN FT.
50'	20'
75'	20'
100'	25'
150'	30'
200'	35'
300'	50'
400'	55'
500'	65'
600'	70'
700'	75'
800'	80'
900'	85'
1000'	90'
1200'	100'
1400'	110'
1600'	115'
1800'	125'
2000'	130'
2500'	150'
3000'	160'

CURVES

EQUAL SPACING
(SEE NOTE 2)

TYPE E
GUIDE MARKER
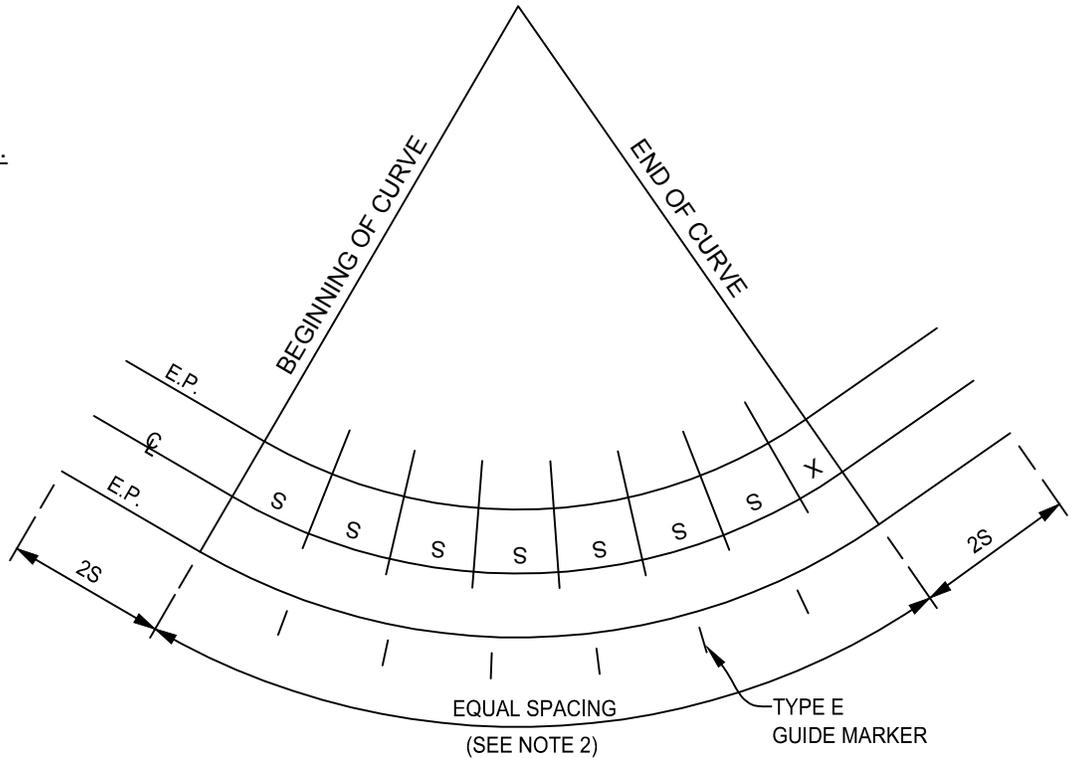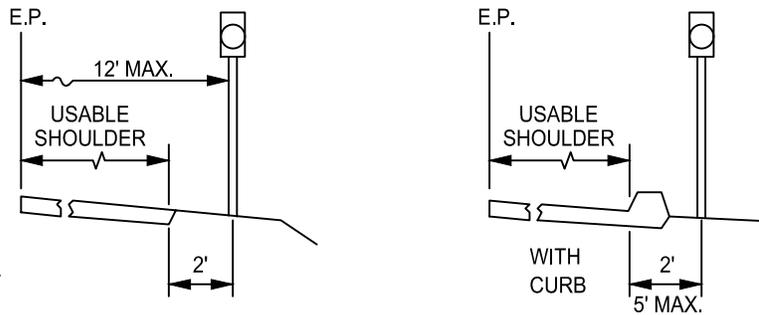
FORMULA: $S = 3\sqrt{R-50}$

LEGEND

S = GUIDE MARKER SPACING IN FEET
R = CENTERLINE CURVE RADIUS IN FEET
I = GUIDE MARKER
X = DISTANCE FROM END OF CURVE TO CALCULATED LOCATION OF LAST GUIDE MARKER

MARKER POSITIONING

E.P.
12' MAX.
USABLE SHOULDER
2'

E.P.
USABLE SHOULDER
WITH CURB
2'
5' MAX.

DETAILS
NOT TO SCALE

NOTES:

1. MAXIMUM SPACING BETWEEN GUIDE MARKERS = 160'. MINIMUM SPACING = 20'.
2. PRORATE DISTANCE "X" AMONG ALL SPACING SO LAST GUIDE MARKER FALLS ON END OF CURVE.
3. INSTALL MARKERS PERPENDICULAR TO ONCOMING TRAFFIC. REFLECTOR BRACKET ON BACK OF MARKERS SHOULD BE PERPENDICULAR TO OPPOSING TRAFFIC.

CHANGE	DESCRIPTION	DATE	INITIAL		
				APPROVED: _____	5/21/18
				CITY ENGINEER	DATE

CITY OF THOUSAND OAKS
PUBLIC WORKS DEPARTMENT

STANDARD
GUIDE MARKER
SPACING ON CURVES

PLATE NO.
7-13