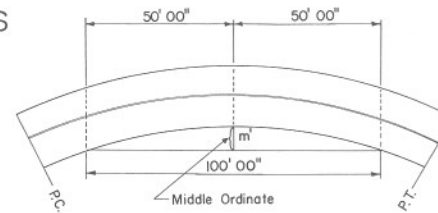


MAINLINE DELINEATOR SPACING TABLE

Degree of Curve	Middle Ordinate of inside of Pvmf. Edge (ft.)	Spacing on Curve in Ft(s)	Spacing in Advance and Beyond Curve in Ft.		
			A	B	C
0°00' to 0°30'	0.00 to 0.11	500	500	500	500
0°31' - 0°45'	0.12 - 0.16	450	500	500	500
0°46' - 1°00'	0.17 - 0.22	400	500	500	500
1°01' - 1°15'	0.23 - 0.27	350	500	500	500
1°16' - 1°30'	0.28 - 0.33	300	500	500	500
1°31' - 1°45'	0.34 - 0.38	250	450	500	500
1°46' - 3°00'	0.39 - 0.65	200	360	500	500
3°01' - 6°00'	0.66 - 1.31	150	270	450	500
6°01' - 11°00'	1.32 - 2.41	100	180	300	500
11°01' - 18°00'	2.42 - 3.95	75	135	225	450
18°01' - 35°00'	3.96 - 7.82	50	90	150	300
Greater than 35°	Greater than 7.82	25	45	75	150



LEGEND:

- Single white
- ◉ 360° white
- Single Yellow
- Triple horizontal object Marker

NOTES:

I. White and yellow delineators shall be used as guide markers to indicate roadway alignment. They shall always match the color of the edge line and shall be placed as follows:

A. Freeways:

- i. Single white delineators shall be installed continuously along the right side except where fixed source lighting is in place.
- ii. Single white delineators shall be placed on through roadways at interchanges regardless of fixed lighting source.
- iii. Single yellow delineators may be placed on the left side of sharp right hand curves.

B. Non-freeways:

- i. Single white delineators should be installed on the right hand side of all horizontal curves except where fixed source lighting is in place where practical.
- ii. Single yellow delineators may be placed on the left side of divided roadways at sharp right hand curves.
- iii. 360° white delineators may be placed on the left side of undivided roadways at sharp right hand curves.
- iv. Post mounted delineators will not be required on tangent sections; however they may be used on short tangent sections adjacent to changes in horizontal or vertical alignment, or where the alignment might be confusing or at pavement width transitions.
- v. Delineators should be used on sections of roadway not edge striped.

2. Spacing should be in accordance with the spacing table. Maximum mainline spacing should be 528 ft.
3. Delineators should not be installed at a location within one quarter of the normal spacing before or beyond a milepost marker, sign or other reflective marker that shows roadway alignment.
4. When a delineator falls within a crosswalk, driveway, sidewalk or pull-off, etc., it shall be moved in either direction a distance not to exceed one quarter of the normal spacing. If suitable placement still cannot be obtained, the delineator shall be eliminated.
5. On freeways, double yellow delineators may be used to mark median crossovers where such identification is necessary for maintenance, enforcement or emergency purposes.
6. On non-freeway divided roadways, single yellow delineators may be placed at median openings with left turn lanes. The single yellow delineator and triple horizontal object marker may be mounted on a single post when the median width is 4'-0" or less.
7. Delineators should not normally be installed on non-freeway roadways in urbanized areas.
8. When delineators are required, there shall be a minimum of three delineators continuously visible. When three delineators are not visible, additional delineators shall be placed at the midpoints between normally spaced delineators until three become continuously visible.
9. For delineator details, see standard 4-M-4.01
10. Delineators are not normally required where there are guard rail tabs or barrier markers.

DESIGN APPROVED

APPROVED FOR DISTRIBUTION

STATE OF ARIZONA  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
STANDARD DRAWINGS  
ROADWAY DELINEATOR  
PLACEMENT

REV 7-86

DRAWING NO. 4-M-4.02