



**NOTES:**

Road edge delineators are to be erected two feet beyond the outer edge of the shoulder or the face of unmountable curb.

D-1 delineators shall be placed on the right of through roadways at 528 foot spacing with the following exceptions:

Tangent roadways where pavement markers are installed will not require the installation of delineators.

Locations where delineators are installed on guardrails, parapets or barriers on the right of the roadway will not require the installation of road edge delineators.

D-1 delineators shall be placed on at least one side and on the outside curve of interchange ramps except where delineators are installed on guardrails, parapets or barriers. The spacing along the ramps shall be at 100' intervals except in horizontal curves where the spacing shall conform to the chart on SPACING FOR HIGHWAY DELINEATORS.

D-2 delineators shall be placed on acceleration and deceleration lanes at 100' spacing.

The color of delineators shall conform to the color of the edgelines.

**SPACING FOR HIGHWAY DELINEATORS ON HORIZONTAL CURVES**

Distance in feet rounded to the nearest 5'.

| RADIUS OF CURVE IN FEET | SPACING ON CURVE IN FEET |
|-------------------------|--------------------------|
| 50                      | 20                       |
| 150                     | 30                       |
| 200                     | 35                       |
| 250                     | 40                       |
| 300                     | 50                       |
| 400                     | 55                       |
| 500                     | 65                       |
| 600                     | 70                       |
| 700                     | 75                       |
| 800                     | 80                       |
| 900                     | 85                       |
| 1000                    | 90                       |

Spacing for specific radii not shown may be interpolated from table. The minimum spacing should be 20'. The spacing on curves should not exceed 300'. In advance of or beyond a curve, and proceeding away from the end of the curve, the spacing of the first delineator is 2S, the second 3S and the third 6S but not to exceed 300'. S refers to the delineator spacing for specific radii computed from the formula  $S = 3\sqrt{R-50}$

**TYPICAL DETAILS FOR INTERSTATE ROAD EDGE DELINEATORS**

VIRGINIA DEPARTMENT OF TRANSPORTATION