NOTE:
1. Match the color of the reflective element with the edge line.
2. Use yellow reflective elements for triple delineators installed to mark obstructions.
3. Install double delineators on 100-foot spacing for acceleration and deceleration lanes or to mark changes in width.
4. Install reflective elements according to the manufacturer's recommendations.
5. Alternate delineator types may be used with approval of the CD. Provide delineators conforming to the MUTCD and install according to the manufacturer's recommendations.
6. Place delineators at a constant distance from the edge of the pavement. Where guardrail intrudes into the space between the edge of the pavement and the delineator offset, locate the delineator immediately behind the guardrail.
7. A minimum of 12 holes spaced on 1" centers are required for all rigid posts. See Subsection 718.04.
8. Furnish anti-theft hardware for mounting retroreflectors as required.
9. See Subsection 718.05 for rigid post requirements.

DELINEATOR SPACING NOTES
1. Spacing for specific radii may be interpolated from the table.
2. Values shown for S in the table are computed from the formula $S = 3VR^2$, where $S =$ delineator spacing and $R =$ horizontal curve radius.
3. Values are rounded to the nearest 3 feet.
Notes to the Designer
Updated August 2021
Delineators

General Information
- Printing should be done from the [Sheet] View model

![Image of Manage View Groups]

- **Appropriate Applications.** Delineators are considered guidance devices rather than warning devices (MUTCD, Section 3F.01, Line 02). Refer to the MUTCD Chapter 3F.

Applicable SCRs
- None

Typical Pay Item Used
- 63309-0100 Delineator, type 1 [EA] or 63309-0200, type 2 [EA]

Updates
- **March 2011**
  - New CFL Detail drawing

- **August 2014**
  - Updated for FP-14
  - Updated Border

- **August 2021**
  - Updated for OpenRoads Designer