Top edge of reflective sheeting

45" min to 51" max. Above near travel lane edge

Edge of shoulder

2' min.
8' max.

Manufacturer's bury depth

FLEXIBLE DELINEATOR
GROUND MOUNTED

Top edge of reflective sheeting

45" min to 51" max. Above near travel lane edge

Edge of shoulder

2' min.
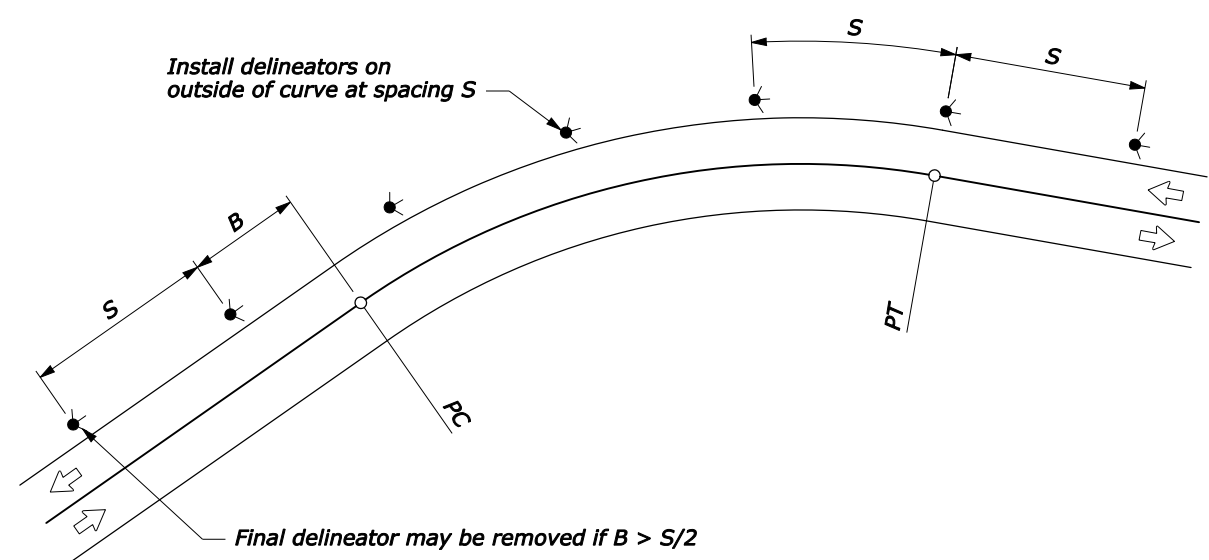8' max.
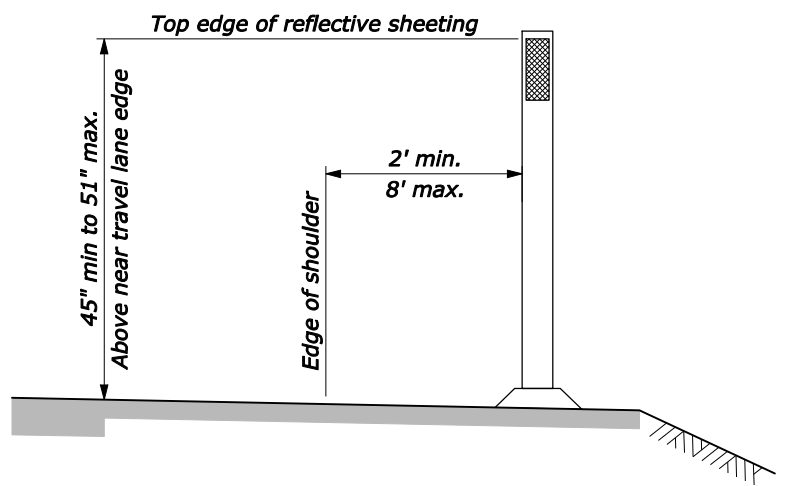
FLEXIBLE DELINEATOR
SURFACE MOUNTED

NOTE:

1. When a delineator falls within a cross road or approach, the delineator may be moved in either direction a distance not to exceed one quarter of the normal spacing. Eliminate the delineator if this allowance is exceeded.

2. Place delineators 2 feet from the edge of design shoulder unless otherwise specified.

3. Install delineators behind the rail at guardrail locations. Either drive the delineator in line with the guardrail posts or mount a shorter delineator onto the guardrail post as shown on this sheet.

4. When the contract does not provide for the construction of the ultimate pavement, allow for the thickness of base and pavement to be placed later when establishing the elevation of the traffic delineators.

5. Use the current edition of the Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD) as a guide for delineation layout.

Top edge of reflective sheeting
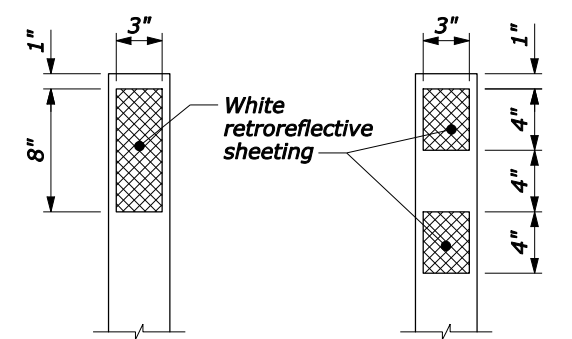
45" min to 51" max. Above near travel lane edge

Fasten delineator to guardrail post using two ⅜" x 2" lag screws with washers at centerline of post. Other approved fastening methods submitted by the delineator manufacturer are also acceptable.
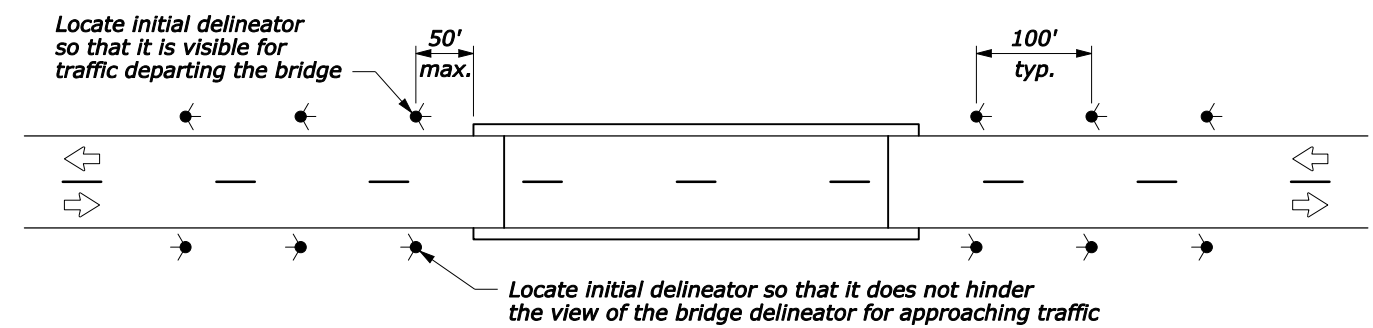
6" min.
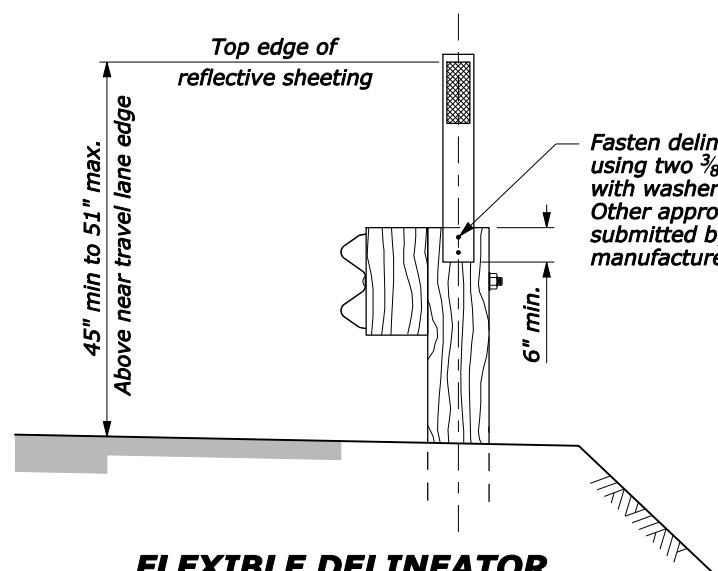
FLEXIBLE DELINEATOR
GUARDRAIL MOUNTED OPTION
(Use only with wood guardrail posts)

Install delineators on outside of curve at spacing S

S   S

B

S

PC

PT

Final delineator may be removed if B > S/2

PLACEMENT ON HORIZONTAL CURVES

DELINEATOR SPACING ON HORIZONTAL CURVES

CURVE RADIUS (FEET)	SPACING (S) (FEET)
50	20
115	25
180	35
250	40
300	50
400	55
500	65
600	70
700	75
800	80
900	85
1,000	90

Spacing for a specific curve may be interpolated from the table, or calculated using the formula:
  Spacing = $3\sqrt{R-50}$.
The minimum spacing should be 20 feet.
Curve spacing should not exceed 300 feet.

3"
1"
8"

White retroreflective sheeting

3"
1"
4"
4"
4"
4"

FACING TRAFFIC   BACK SIDE
REFLECTIVE SHEETING DETAIL

Locate initial delineator so that it is visible for traffic departing the bridge

50' max.

100' typ.

Locate initial delineator so that it does not hinder the view of the bridge delineator for approaching traffic

PLACEMENT AT BRIDGE APPROACHES

NO SCALE

20 October 2009 2:10 PM

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