REFLECTOR TYPE A
(mono directional shown)

REFLECTOR TYPE B
(bidirectional shown)

Adhesive weep slots or holes
equally spaced on both sides

Metal rivet

Brass or plastic rivet

All dimensions are in inches (millimeters) unless otherwise shown.

GUARDRAIL AND BARRIER WALL REFLECTOR
MOUNTING DETAILS

DATE REVISIONS
4-1-16 Added reflector spacing
detail: Moved TERMINAL
MARKER to std. 725001:
4-1-09 Switched units to
English (metric):

STANDARD 782006

ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED: 2016 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED: 2000 ENGINEER OF OPERATIONS

DATE

REVISIONS

4-1-16 Added reflector spacing
detail: Moved TERMINAL
MARKER to std. 725001:
4-1-09 Switched units to
English (metric):

STANDARD 782006

ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED: 2016 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED: 2000 ENGINEER OF OPERATIONS

DATE

REVISIONS
Reflective area may be rectangular or slight trapezoid.

Minimum total area of base 7.0 sq. in. (45.16 mm²)

3 min. adhesive weep holes or slots each side, variable spacing.

Minimum at base (89)

3 min. at base

Cross section may be "T" or "L" shaped and may have side supports at ends.

Type A reflector
Type B reflector
Type B or C reflector marker (Type C shown)

Type B or C reflector (Type B shown)

TYPICAL MOUNTING DETAIL
FOR GUARDRAIL REFLECTOR

TYPICAL MOUNTING DETAIL
FOR BRIDGE RAIL REFLECTOR

TYPICAL MOUNTING DETAIL
FOR BARRIER WALL REFLECTOR
Terminal marker. See standard 725001.

Spacing 80 ft. (24 m) max. for first 400 ft. (122 m) or curve spacing shown in Standard 635001, whichever is less (min. 4 reflectors regardless of length).

After 400 ft. (122 m), transition to normal delineator spacing shown in Standard 635001, and continue as required.

Bidirectional silver/green should be used in lieu of monodirectional silver on both sides of two-lane bridges where the pavement is wider than 24 (6.1) wider than the pavement approaching the bridge.

ONE-WAY TRAFFIC

TWO-WAY TRAFFIC

GUARDRAIL / BARRIER WALL

REFLECTION PLACEMENT DETAIL