

BARRIER MARKER DELINEATOR SPECIFICATION

1.0 DESCRIPTION

The two-piece barrier marker delineator post shall consist of a flexible, durable, non-discoloring polyethylene plastic to which reflective sheeting is applied, and a thermoplastic base which is secured to the barrier with epoxy or a mechanical anchor. The post shall insert and be secured into the plastic base with two horizontal locking pins. It is required that when the post is no longer serviceable, it can be removed and a new post can be manually inserted and locked into the existing base. The posts are to be of a size and have a locking mechanism compatible with the bases in service. Posts that are not compatible will be rejected for use.

2.0 GENERAL REQUIREMENTS

The post shall be tubular in shape and two and one-quarter (2 $\frac{1}{4}$) inches in diameter. A one and three quarter (1 $\frac{3}{4}$) inch diameter interior reinforcement tube shall be located and secured in the lower portion of the post. The upper 14 inches shall be flattened to an oval shape at least three (3) inches in width at the major axis by one (1) inch at the minor axis. The top of the post shall be capped with a black cap or as specified. The total above barrier height of the post shall be delivered as required. The post shall be resistant to ultraviolet and infrared radiation and be of a color specified by the user.

High intensity reflective sheeting per Federal Highway Specification FP-92, Type III, Class 2 shall be applied to the flattened area. The reflective sheeting shall be white (silver) or yellow (amber) in color and applied to one or both sides of the flattened area.

Two methods of fastening the base to the barrier are as follows:

1. The base may be attached to the barrier with a high strength, two component, quick set bonding epoxy.
2. The base may be attached to the barrier with a mechanical system consisting of an internal thread flush anchor, hex bolt, lock and flat washers. The fastener set shall be available in stainless steel, galvanized or zinc plated configurations.



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