



## SPECIFICATION FOR HIGH BRIGHTNESS PRISMATIC RETROREFLECTIVE PAVEMENT MARKER

### GENERAL DESCRIPTION

A polycarbonate cradle casting which is attached to a replaceable prismatic retroreflector for reflecting light from a single or opposite direction. The casting has two tabs for placing the casting at an optimal depth to eliminate snowplow blade hits. The replaceable retroreflective marker fits and adheres to the polycarbonate cradle through the use of an approved epoxy.

### DETAILED SPECIFICATIONS

#### A. Dimensions and Construction Details

##### 1) Casting

##### A. Dimensional Details

Overall dimensions shall be approximately 5.00 in. long by 3.00 in. wide by 0.70 in. high (12.70 cm x 7.62 cm x 1.78 cm). Installed height shall be approximately 0.10 in. (0.25 cm) above the road surface.

##### B. Material

Polycarbonate plastic.

##### C. Surface

Surface of the casting shall be free of scale, dirt, rust, oil, grease or any other contaminant which may reduce its bond to the installation adhesive.

##### D. Weight

Approximately 2.12 oz. (60 grams).

##### E. Identification

Casting shall be marked with the product name and manufacturer.

##### 2) Reflector

Reflector shall consist of Ennis Paint, Inc. Stimsonite Division Model C40 lens. Please refer to C40 specification for reflector specification.