

RE: Review of Carsonite CURV-FLEX Flexible Guide Post Traffic Delineator

PRODUCT

The Carsonite CURV-FLEX Flexible Guide Post Delineator is fabricated using a durable UV resistant composite material. The Carsonite CURV-FLEX flexible delineator post is manufactured by Carsonite International located in Early Branch, South Carolina and distributed by Astrographic Industries Ltd of Surrey, British Columbia.

VENDOR CLAIMS AND INFORMATION

CLAIMS

Carsonite CURV-FLEX single piece marker is capable of simple permanent installation by one person using a Carsonite manual driving tool. This product can be used to provide daytime and nighttime delineation for roadways requiring long-term outdoor durability, vandal resistance, as well as vehicle and direct tire impact resistance.

DESCRIPTION

The Carsonite CURV-FLEX is constructed of a durable, UV resistant, continuous glass fiber and marble reinforced, thermosetting composite material which is resistant to impact, ozone, and hydrocarbons within a service temperature range of -40° F to +140° F. The CURV-FLEX delineator post has a unique concave/convex design to provide static rigidity for drivability and dynamic flexibility.

POTENTIAL USAGE

The Carsonite CURV-FLEX guide post is ideal for on/off ramps, curves and other high impact areas. CURV-FLEX guide post is available in several colors. Carsonite CURV-FLEX is available with pre-applied reflective sheeting on both front and back surfaces.

STANDARDS

ASTM D 4956 Retroreflective Sheeting for Traffic Control
NASHTO SASHTO Vehicle Impact Testing

ALBERTA TRANSPORTATION COMMENTS

EXPIERENCE

Alberta Transportation uses flexible guidepost traffic delineators conforming to Standard Specifications for Highway Construction, Specification 5.28 Supply Flexible Guide Post Traffic Delineators.

APPLICATION STANDARDS

The Alberta Transportation Specification for Flexible Guide Post Traffic delineators is as follows:
Standard Specification for Highway Construction, Specification 5.28 Supply Flexible Guide Post Traffic Delineators.

RECOMMENDATIONS

Carsonite CURV-FLEX Flexible Guide Post Delineator should be listed as a Proven Product under Alberta Transportation's Products List, Traffic Control Devices – Flexible Guide Post Traffic Delineators, Traffic Delineators – Proprietary based on the information provided.

TRIAL PROJECTS

Hwy. 44 – S. of Westlock – Installed in 2007

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
 Richard Chow
 Steve Otto