

## Product Evaluation

### RE: Review of MP FlexPost Channelizer Post

#### **PRODUCT**

MP FlexPost Channelizer is manufactured and distributed in Alberta by Impact recovery System located in San Antonio, Texas. Website: <https://www.impactrecovery.com/products/tubular-markers/>

### **VENDOR CLAIMS AND INFORMATION**

#### **CLAIMS**

MP FlexPost Channelizer Posts come with reactive spring system that allows the markers to withstand multiple impacts and return to their original position without any vertical listing. They are designed for applications up to 55 mph and is available in fixed, quick release, and in-soil drivable configurations. They are resistant to ozone, UV light & hydrocarbons.

#### **DESCRIPTION**

MP FlexPost tubular markers are made of Flexible HDPE Plastic are available in White, yellow, orange, red, grey, black & green colors. Outer diameter of the posts is 6cm and standard post heights are 107cm, 120cm and 140cm. Reflective sheeting are either 3M High-Intensity sheeting or 3M Diamond grade and are available in White, yellow, orange, red, green or blue colors. This product can be attached to the surface mounted base individually or over the traffic separation curb named Tuff Curb from the same manufacturer.

#### **POTENTIAL USAGE**

MP FlexPost Channelizer Posts are ideal for use in parking garages, parking lots and special event facilities. They may be used effectively as opposing lane dividers of traffic, dividing traffic when two or more lanes are kept open in the same direction, to channelize traffic in exit only applications, for urban turn restrictions, for indicating changes of alignment in the roadway and to delineate edge of pavement drop off where space limitations do not allow the use of larger systems.

#### **STANDARDS**

### **ALBERTA TRANSPORTATION COMMENTS**

#### **EXPERIENCE**

Alberta Transportation has no experience with this product

#### **APPLICABLE STANDARDS**

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

#### **RECOMMENDATIONS**

MP FlexPost Channelizer Post be listed as a Potential Product under Alberta Transportation Products List, Traffic Control Devices – Flexible Guide Post Traffic Delineators - Traffic Delineators – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

#### **RESTRICTIONS ON USE**

Caveats:

- Required height is 35 to 38 inches;
- Acceptable product shape is "short squeeze" or round (with cap or open top);
- Square Surface-Mount Base (fixed base or quick release base) is acceptable.
- The base of the product is to be fixed to the roadway using bolts and plugs (not with adhesive materials) according to manufacturer's specifications.
- The separation between the bases to be at least 150 mm.

- The reflective sheeting material and placement shall be in accordance with the requirements of Specification 5.28, Supply of Flexible Guide Post Traffic Delineators.
- White reflective sheeting to be used with white posts. Yellow reflective sheeting to be used with yellow posts.
- Top 300mm of the post should be black in colour (powder coating) to provide contrast to the surrounding environment.

## TRIAL PROJECTS

Rishi Adhikari

cc Innovations Evaluation Committee – Roger Skirrow,  
Rokibul Khan, Hal cook, Tom hart