

## Product Evaluation

### RE: Review of U-Flex Surface Mount Delineator

#### **PRODUCT INFORMATION**

Product Name: U-Flex Surface Mount Delineator    Manufacturer: Shur-Tite, Hutto, Texas  
Website: <https://shur-tite.com/U-Flex>    Supplier: Barricades & Signs Ltd., Sturgeon County

#### **VENDOR CLAIMS AND INFORMATION**

##### **CLAIMS**

The U-FLEX Surface Mount is comprised of a 3" OD TPU Delineator post that has proven its safe operational performance through years of extensive field service as seen by existing similar products in the industry. This multi-hit, self-righting, flexible delineator is certified to comply with the crash requirements of MASH, 2nd Edition Category 1 Traffic Control Device.

##### **DESCRIPTION**

The U-FLEX Surface Mount Delineator consists of a 3" diameter post and a surface mounted base component. The surface base component of U-Flex is a durable HDPE and ABS design to be bolted or epoxied to the surface. The Flexible U-Flex Delineator post is then pinned into this base.

##### **POTENTIAL USAGE**

Side of road where a recommended clear zone and recoverable slope is not attainable.

##### **STANDARDS**

MASH, Category 1 Traffic Control Device

#### **ALBERTA TRANSPORTATION COMMENTS**

##### **EXPERIENCE**

Transportation and Economic Corridors has no experience with this product.

##### **APPLICABLE STANDARDS**

Standard Specification for Highway Construction, Specification 5.28 Supply Flexible Guide Post Traffic delineators.

##### **RECOMMENDATIONS**

U-Flex Surface Mount Delineator 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:

1. The base of the product shall be fixed to the highway using bolts and plugs and not with the adhesive materials. The separation between the bases shall be at least 150mm for storm water to flow through. The post shall be 36" Round post (not long squeeze), matching color for reflective sheeting, post color, and line color. For the white delineators, IN LOCATIONS WHERE THERE IS NO OVERHEAD ILLUMINATION, the top portion of the post is to have a 250 mm black portion, with the reflector(s) placed within the black portion. In illuminated areas, the black portion is not necessary. The thinking is that the increased contrast is required in non-illuminated areas because the delineators are often placed at the edge, or near the edge, of the roadway. For the yellow delineators, the black portion is not necessary.
2. The reflective sheeting material shall be super-high intensity retroreflective sheeting meeting the minimum requirements as specified in ASTM D4956 for a Type X sheeting with Class I pressure sensitive adhesive backing.

**TRIAL PROJECTS**

Rishi Adhikari

cc New Products Evaluation Group – Roger Skirrow,  
Hal Cook