

## **Product Evaluation**

### **RE: Review of Shur-Flex Surface Mount Delineator**

#### **PRODUCT**

Shur-Flex Surface Mount Delineator is manufactured by Shur-Tite in Round Rock, Texas. It is distributed in Alberta by Roadway Traffic Products located in Edmonton and Roadside Supply Ltd. located in Ardrossan, Alberta. Website: <https://shur-tite.com>

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

##### **CLAIMS**

The SHUR-Flex Surface Mount Delineator is multi-hit, omni-directional and self-righting; providing a long lasting, extremely durable product requiring little field maintenance. Bright white exterior material of post incorporates a premium UV inhibitor package and is extremely smooth to resist road grime and mildew. The white finish is highly visible in low-light and poor weather conditions. Heavier wall thickness of post provides enough structural integrity to prevent collapse during storms or high winds.

##### **DESCRIPTION**

Shur-Flex Surface Mount Delineator is comprises a thermoplastic base, a non-mechanical flexible joint, and a recycled delineator post. The flexible joint component is a simple one piece, non-metallic design, assuring long-life in severe corrosive environments. It has the ability to rotate to ensure that the delineator post is perfectly vertical when the base is mounted on a slope up to 30 degrees. Post replacement, if required takes less than 60 seconds. It can be used with varying colors of reflectivity and various sizes.

##### **POTENTIAL USAGE**

Shur-Flex Surface Mount Delineator can be used in various applications such as object markers, highway crossover markers, delineators, number, or guide markers.

##### **STANDARDS**

#### **ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS**

##### **EXPERIENCE**

Alberta Transportation and Economic Corridors regularly uses flexible guidepost traffic delineators.

##### **APPLICABLE STANDARDS**

Alberta Transportation and Economic Corridors Standard Specification for Highway Construction, Specification 5.28 Supply Flexible Guide Post Traffic delineators.

##### **RECOMMENDATIONS**

SHUR-CURB Traffic Separator/Channelizer be listed as a Proven Product under Alberta Transportation and Economic Corridors's Products List, Traffic Control Devices – Flexible Guide Post Traffic Delineators - Traffic Delineators – Proprietary based on the information provided and the field performance.

##### **RESTRICTIONS ON USE**

Caveats:

1. Required height is 35 to 38 inches
2. Acceptable product shape is "short squeeze" or round (with cap or open top)
3. Square Surface-Mount Base (fixed base or quick release base) is acceptable.
4. The base of the product is to be fixed to the roadway using bolts and plugs (not with adhesive materials).
5. The separation between the bases to be at least 150 mm.
6. The reflective sheeting material and placement shall be in accordance with the requirements of Specification 5.28, Supply of Flexible Guide Post Traffic Delineators.
7. White reflective sheeting to be used with white posts. Yellow reflective sheeting with yellow posts.
8. Top 300mm of the post should be black in colour (powder coating) to provide contrast to the surrounding environment.

**TRIAL PROJECTS**

Hwy 1:06/08 & Hwy 22:14/16 Interchange Conversion, Contract 18822  
Highway 3 just off the Trans Canada outside of Medicine Hat

Rishi Adhikari

cc New Products Evaluation Group – Kristen Tappenden,  
Hal Cook / Mohammad Arif