

Product Evaluation

RE: Review of Shur-Curb Traffic Channelizer/Separator

PRODUCT

Shur-Curb Traffic Channelizer/Separator is a flexible lane Channelizer/Separator system 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-CURB Traffic Separator / Channelizer incorporates a round post capable of taking impacts Omni-directionally. It is self-righting and is designed to withstand multiple impacts, providing a long lasting, durable product requiring little field maintenance. The curb has ramped ends which eliminates the need for separate end pieces. This design allows for the curb to be attached to the road surface utilizing the 6 supplied anchors, an epoxy, or a flexible bituminous. This design allows for maximum hold down efficiency.

DESCRIPTION

Shur-Curb Traffic Channelizer posts and curbs are made of HDPE. Bright finish of posts and curbs are highly visible when in low-light and poor weather conditions when headlights might not be in use. Special tools are not required for post or flexible joint change-outs. Post replacement, if required will take less than a minute utilizing quick release 3/8" x 3" push pin with detent ball, minimizing the field technician's exposure to traffic. The Curb can be provided in yellow or white colors. The posts are available in various post height.

POTENTIAL USAGE

Shur-Curb Traffic Separator/Channelizer can be used to separate lanes of traffic and or aide in the protection of attenuators or protected lanes of traffic.

STANDARDS

FHWA Approval letter

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 Improvement through tender TND0018822

Highway 3 just off the Trans Canada outside of Medicine Hat

Rishi Adhikari

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