

Product Evaluation

RE: Review of Davidson Traffic Control T-Flex “Permanent Concrete Barrier Mount” (PCBM) Barrier Markers

PRODUCT

The Davidson Traffic Control T-Flex “PCBM” Barrier Markers are manufactured by PEXCO Davidson Traffic Control Products located in Atlanta, Georgia and distributed by Alberta Traffic Supply Ltd. Located in Edmonton, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

The T-Flex “PCBM” Barrier Markers are manufactured in six different sizes and one standard color (white) and three reflective grades, High Intensity, Super Hi Prismatic and Diamond Grades. T-Flex PCBM Barrier Markers provide bright delineation of concrete barriers and bridge parapets. Product Web site:
<http://www.pexco.com/pages/traffichome.aspx>

DESCRIPTION

The T-Flex “PCBM” Barrier Markers are manufactured with virgin engineered resins along with the best reflective tapes and adhesives. The T-Flex “PCBM” offers a unique built-in polyurethane hinge which provides for flexibility to resist breakage upon impact. T-Flex offer an optional factory applied high tack butyl adhesive pad that provides for peel and stick quick installation to barrier walls.

POTENTIAL USAGE

The T-Flex “PCBM” Barrier Markers are durable enough for use in both work zone construction and permanent installations. Many states have been using the T-Flex PCBM Barrier Markers for delineating concrete barriers.

STANDARDS

ASTM D638 Tensile strength
ASTM D256 Impact strength
ASTM D790 Flexural Strength and Modulus

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation uses a reflective strip for guardrail post delineation conforming to Standard Specifications for Highway Construction, Specification 2.19 Guardrail and Guide Posts.

APPLICATION STANDARDS

The Alberta Transportation Specification for guardrail and guide post delineation is as follows:
Standard Specification for Highway Construction, Specification 2.19 Guardrail and Guide Posts

RECOMMENDATIONS

Davidson Traffic Control T-Flex “PCBM” Barrier Markers be listed as a Proven Product under Alberta Transportation’s Products List, Traffic Control Devices – Barrier Mounted Delineators – Proprietary based on the information provided.

TRIAL PROJECTS

Stoney Trail & Nosehill Dr – on Median Barrier on Stoney Trail
22X & McLeod Trail – on Median Barrier on 22X

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow
Richard Chow
James Poole
Bill Kenny
Jim Gavin