

Product Evaluation

Product ID: 8215-1-3
Initiation Date: February, 2008
Revision Date: October 28, 2015

RE: Review of Omega Steel Clad Concrete Crossing Panels

PRODUCT

Omega Steel Clad Concrete Crossing Panels are manufactured by Omega Industries Inc. located in Vancouver, Washington and distributed by K.E.S. Resources Enterprises Ltd. located in Calgary, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS:

The Omega Steel Clad Concrete Crossing Panels are approved by Transport Canada and listed as a Proven Product on British Columbia Department of Highways Products List. Omega Steel Clad Concrete Crossing Panels features:

- Replaceable attached rubber flange way filler
- Rubber filler is securely bolted to the steel frame of the panel
- All panels can be installed or removed very quickly
- Non-Skid surface
- Shunt Break to assure electrical isolation

Product web site: www.omega-industries.com

DESCRIPTION:

The Omega Steel Clad Concrete Crossing Panels are designed to meet AASHTO HS20-44 loading requirements. The Omega Steel Clad Concrete Crossing Panels are constructed using Air Entrained 6000+ PSI concrete compressive strength and a concrete sealant is used to prevent cracks and ion migration resulting from roadway salts.

POTENTIAL USAGE:

Omega Steel Clad Concrete Crossing Panels are used at grade surface crossings.

STANDARDS:

ASTM A36	Specification for Carbon Structural Steel
AASHTO HS20	Highway Bridge Loading

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE:

Alberta Transportation has no experience with this product.

APPLICATION STANDARDS:

No applicable standard.

RECOMMENDATIONS:

Omega Steel Clad Concrete Crossing Panels be listed as a Proven Product under Alberta Transportation Products List, Railway Crossings – Proprietary, based on the information provided.

Trial Projects

Hwy 815/2A
Joffre, Hwy 597
Rocky Mtn House – Hwy 752

Joe Filice

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