

## Product Evaluation

### RE: Review of RoadQuake 2 Modular Temporary Portable Rumble Strip

#### **PRODUCT**

The RoadQuake 2 Modular Temporary Portable Rumble Strip is manufactured by Plastic Safety Systems located in Cleveland Ohio and distributed by Alberta Traffic Supply located in Edmonton, Alberta.

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

##### **CLAIMS**

The RoadQuake 2 is a new innovative product to help alert drivers to changing road conditions, reduce accidents and save lives. RoadQuake 2 is ideal for work zones where daily installation and removal of the work zone is frequently required. Product Web site:

<http://plasticsafety.com/Products/Rumble-Strips/RoadQuake-2-Rumble-Strip.aspx>

##### **DESCRIPTION**

RoadQuake 2 is a heavy plastic polymer material. RoadQuake 2 is 45" long with a weight of 35 pounds; the cross section is 13" wide and ¾" thick. Three sections of the RoadQuake 2 make-up one assembled rumble strip of 11 foot long. RoadQuake 2 is made of 60% recycled material by weight.

##### **POTENTIAL USAGE**

RoadQuake 2 installs in minutes, no tools or equipment is needed for assembly and can be installed with a crew of 2 people. RoadQuake 2 is durable with a 3 to 5 year life under normal conditions and is suitable in rain and colder temperatures.

##### **STANDARDS**

Meets several state agency requirements and is currently being reviewed by these agencies.

#### **ALBERTA TRANSPORTATION COMMENTS**

##### **EXPERIENCE**

Alberta Transportation has no experience with the use of this product.

##### **APPLICABLE STANDARDS**

The Alberta Transportation Specification for Traffic Accommodation and Temporary Signing is as follows:

Standard Specification for Highway Construction, Specification 7.1 Traffic Accommodation and Temporary Signing.

##### **RECOMMENDATIONS**

The RoadQuake 2 Modular Temporary Portable Rumble Strip be listed as a Proven Product under Alberta Transportation Products List, Traffic Control Devices – Workzone Traffic Control – Proprietary, based on the information provided.

#### **TRIAL PROJECTS**

Highway 40 over the Athabasca Bridge

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