

## **Product Evaluation**

### **RE: Review of BC1 Round Breakaway Coupler**

#### **PRODUCT**

BC1 Round Breakaway Coupler is a manufactured by Dyna Engineering Ltd located in Coquitlam, BC and distributed in Alberta by Barricades and Signs Ltd. located in Sturgeon County, Alberta. Website: [www.dynabrackets.com](http://www.dynabrackets.com)

### **VENDOR CLAIMS AND INFORMATION**

#### **CLAIMS**

The BC-1 Breakaway Coupler Sign post breakaway system protects the post anchor in the ground from damage. This Breakaway system will release before damage to other infrastructure items occur.

#### **DESCRIPTION**

The BC-1 is intended to be used with 2 3/8" round sign post and 2 3/8" round base post. It can also be utilized with a concrete base plate which attaches to a concrete median or other. Another benefit of this 3-piece design is that you only have to replace components as necessary. The cups can be reused and replaced as needed and the centerpiece is just a fraction of the replacement cost of traditional 1-piece designs.

#### **POTENTIAL USAGE**

BC1 Round Sign Post Breakaway Coupler system protects the post anchor in the ground from the damage.

#### **STANDARDS**

### **ALBERTA TRANSPORTATION COMMENTS**

#### **EXPERIENCE**

Alberta Transportation has no experience with this product

#### **APPLICABLE STANDARDS**

The Alberta Transportation Specification for Breakaway Steel Signposts is as follows:

Standard Specification for Highway Construction 5.18 Supply of Permanent Highway Signs, Posts and Bases and Specification 7.7, Permanent Highway Signing.

#### **RECOMMENDATIONS**

BC1 Round Breakaway Coupler be listed as a Potential Product under Alberta Transportation Products List, Signs and Supports – Supports – Breakaway – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

### **TRIAL PROJECTS**

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