



2010

SNAP'n SAFE SQUARE SIGN POST  
GROUND MOUNT BREAKAWAY SYSTEM



**DESIGNOVATIONS, INC.**

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SSC16a

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## SYSTEM SPECIFICATIONS

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The SNAP'n SAFE Square Sign Post Ground Mount Breakaway System meets the requirements for the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals. The ground mount SNAP'n SAFE breakaway coupler mounts is used in conjunction with a ground anchor post. Simply insert the SNAP'n SAFE coupler into the anchor post and secure with two curved bolts and nuts. Next, slide the sign post on top of the coupler and secure with two curved bolts and nuts. At impact, the sign post breaks away at the coupling and does not strike the roof or windshield of the vehicle. In addition, the anchor post is not damaged and can be reused.

Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices.

### COMPONENTS

The SNAP'n SAFE square sign post system consists of a PTC01, PTP41-44 or any square 1 3/4" [44 mm], 2" [51 mm], 2 1/4" [57 mm] or 2 1/2" [64 mm] steel post, any square 2" [51 mm], 2 1/4" [57 mm], or 2 1/2" [64 mm], or 2 3/4" [69 mm] x 36" [914 mm] length steel anchor post, a sign panel and attachment hardware, one FMC05 coupler, two curved bolts either 5/16" x 1 3/4" [8 x 44 mm], 5/16" x 2" [8 x 51 mm], 5/16" x 2 1/4" [8 x 57 mm], 5/16" x 2 1/2" [8 x 64 mm], two curved bolts either 5/16" x 2" [8 x 51 mm], 5/16" x 2 1/4" [8 x 57 mm], 5/16" x 2 1/2" [8 x 64 mm] or two 3/8" x 1" [9.5x 25.4] hex bolts, four FWC08 washers and four 5/16" [8 mm] nuts.

### ACCEPTANCE

John R. Baxter, Letter to Jim Anderson, Geometric and Roadside Design Acceptance Letter HSA-10/SS-120, Federal Highway Administration, Washington, D.C., April 1, 2004.

John R. Baxter, Letter to Jim Anderson, Geometric and Roadside Design Acceptance Letter HSA-10/SS-123, Federal Highway Administration, Washington, D.C., April 1, 2004.

John R. Baxter, Letter to Jim Anderson, Geometric and Roadside Design Acceptance Letter HSSD-10/SS-1203 amendment#1, Federal Highway Administration, Washington, D.C., February 28, 2007.

### CONTACT INFORMATION

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## SNAP'n SAFE Square Sign Post Ground Mount Breakaway System

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09-28-10



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