



2010

SNAP'n SAFE SQUARE SIGN POST  
SURFACE MOUNT BREAKAWAY SYSTEM



**DESIGNOVATIONS, INC.**

7339 WILDWOOD ROAD • STILLMAN VALLEY, IL 61084

PHONE: 888-868-6588 • FAX: 815-645-2389

EMAIL: sales@designovations.com • www.designovations.com

SSC15a

SHEET NO.	REF. NO.
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## SYSTEM SPECIFICATIONS

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The SNAP'n SAFE Square Sign Post Surface Mount Breakaway System meets the requirements for the AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals. The surface mount SNAP'n SAFE coupler mounts directly to concrete with three wedge bolts. The sign post fits over the coupler and is secured with two curved bolts. At vehicle impact, the sign post breaks away and does not strike the vehicle's windshield or roof. Thus there is little risk of occupant injury. In addition, concrete boring for an anchor post is eliminated.

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 steel post with external dimensions of 1 3/4" [44 mm], 2" [51 mm], 2 1/4" [57 mm] or 2 1/2" [64 mm], 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], or 5/16" x 2 1/2" [8 x 64 mm], two FWC08 washers, two 5/16" [ 8 mm] nuts and three 3/8" x 3" [10 x 75] wedge bolts.

### ACCEPTANCE

John R. Baxter Letter to Jim Anderson, Geometric and Roadside Design Acceptance Letter HSA-10/SS-136, Federal Highway Administration, Washington, D.C., March 9, 2006.

### CONTACT INFORMATION

Designovations, Inc.  
7339 Wildwood Road  
Stillman Valley, IL. 61084  
Phone: 1-888-868-6588  
Fax: 1-815-645-2389  
Email: [Jim@Designovations.com](mailto:Jim@Designovations.com)  
Website: [www.designovations.com](http://www.designovations.com)

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

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1 of 1

09-28-10



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