



2010

SNAP'n SAFE U-CHANNEL SIGN POST
GROUND MOUNT BREAKAWAY SYSTEM



DESIGNOVATIONS, INC.

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SSC14a

SHEET NO.	REF. NO.
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SYSTEM SPECIFICATIONS

SPECIFICATIONS

The SNAP'n SAFE U-Channel 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 is used in conjunction with a ground anchor post. Simply insert the SNAP'n SAFE coupler into the anchor post and secure with two bolts and nuts. Next, slide the sign post on top of the coupler and secure with two bolts and nuts. 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, 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 U-Channel sign post system consists of a PFP02-06 or any 2 lb/ft [3 kg/m], 2 ½" lb/ft [3.7 kg/m], 3 lb/ft [4.5 kg/m], or 4 lb/ft [6 kg/m] steel u-channel post, any anchor post 2 lb/ft [3 kg/m] x 48" [1219mm], 2 ½" lb/ft [3.7 kg/m] x 48" [1219mm], 3 lb/ft [4.5 kg/m] x 48" [1219mm], or 4 lb/ft [6 kg/m] x 48" [1219mm], a sign panel and attachment hardware, one FMC04 coupler, four 1 ½" [9.5 mm] long FBX10a bolts with nuts and four FBX10 galvanized washers.

ACCEPTANCE

George E. Rice, Jr., Letter to Jim Anderson, Geometric and Roadside Design Acceptance Letter HSSD/SS-156, Federal Highway Administration, Washington, D.C., December 6, 2007.

CONTACT INFORMATION

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