



U.S. Department
of Transportation
**Federal Highway
Administration**

October 19, 2009

1200 New Jersey Avenue, SE
Washington, D.C. 20590

In Reply Refer To:
HSSD/WZ-108

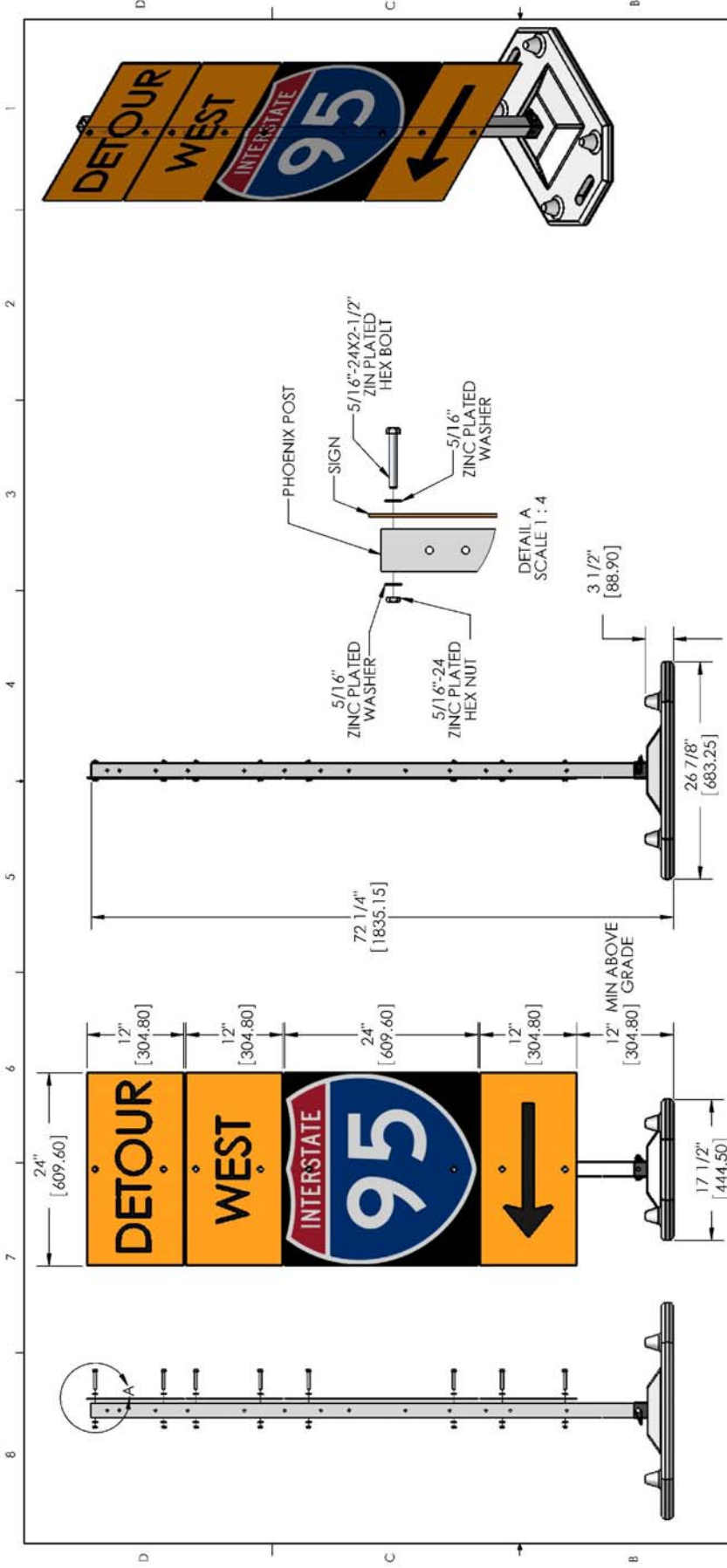
This addendum updates the FHWA Acceptance letter WZ-108 to include a description and detail drawing of acceptable applications of the Phoenix molded rubber base as a multi-purpose sign stand.

The Phoenix sign stand is acceptable for use with an array of 3 or 4 smaller signs, made of .080 inch solid aluminum or lighter substrate of same size, each mounted to post-mast in two places using attachment hardware as detailed on drawing.

The square footage of the combined small panels shall equal no more than 10 square feet total, and not to exceed the tested height of 80 inches measured from the ground to the top of the sign panel. A drawing is enclosed for reference. Previous testing demonstrates acceptable performance of a 48-inch diamond sign and therefore this sign panel array will not adversely affect the crashworthy performance of the Phoenix molded rubber base sign stand and it is acceptable for use on the National Highway System (NHS).

Enclosure





PHOENIX SIGN STAND
 OVERALL DIMENSIONS: APPROX. 26 7/8" X 24" X 72"
 SQUARE UPRIGHT MATERIAL: ALUMINUM
 SQUARE UPRIGHT DIMENSIONS: APPROX. 1 1/16" THICK 1 3/4" SQ. TUBING X 72"
 SQUARE UPRIGHT WEIGHT: APPROX. 3 LBS.
 BASE MATERIAL: RECYCLED CRUMB RUBBER W/ STEEL
 BASE DIMENSIONS: 3 1/2" X 17 1/2" X 26 7/8"
 BASE WEIGHT: APPROX. 40 LBS.

SIGN MATERIAL
 MATERIAL: 0.08" ALUMINUM OR LIGHTER
 SMALL SIGN WEIGHT: APPROX. 3 3/8 LBS.
 SMALL SIGN DIMENSIONS: APPROX. 24" X 12"
 LARGE SIGN WEIGHT: APPROX. 7 LBS.
 LARGE SIGN DIMENSIONS: APPROX. X 24" X 24"

HARDWARE
 BOLT: 5/16"-24X2-1/2 ZINC PLATED HEX BOLT
 NUT: 5/16"-24 ZINC PLATED HEX NUT
 WASHER: 5/16" ID 3/4" OD ZINC PLATED WASHER

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DATE: 11/16/11	DATE: 11/16/11
DESIGNED BY: J. B. BROWN	DATE: 11/16/11
CHECKED BY: J. B. BROWN	DATE: 11/16/11
APPROVED BY: J. B. BROWN	DATE: 11/16/11

TITLE: PHOENIX SIGN STAND SPECIFICATION	
SITE: B	DWG. NO: 559
REV: C	SHEET 1 OF 1