

## ORIGINATION FORM

### THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR

(The person who receives or originates the issue and needs to forward the issue for action.)

Modify Specification \_\_\_\_\_700  
Section/File number

New Section \_\_\_\_\_.  
Section number

**Subject:** Definitions

**Origination date:** 9-20-05

**Originator:** Robert Robertson

**Office/Phone:** 414-4267

**Email address/** robert.robertson @dot.state.fl.us

**Userid:**

**Problem statement:** Rabbit trail as a result of changes to Section 001 – Definitions

**Information source:** Duane Brautigam Specifications Office, Robert Robertson  
Structures Office, Mayur Patel Materials Office and Bob Greer  
Office of Design

**Background data:**

**Recommended**

**Usage Note:**

**Desired Implementation Date:** Beginning with the July 2006 letting.



Florida Department of Transportation

JEB BUSH  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

DENVER J. STUTLER, JR.  
SECRETARY

MEMORANDUM

**DATE:** September 28, 2005  
**TO:** Specification Review Distribution List  
**FROM:** Duane F. Brautigam, P.E., State Specifications Engineer  
**SUBJECT:** **Proposed Specifications Change: 7000022 – Highway Signing.**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change to Highway Signing.

**Please note, only those references to Specialty Engineer changed to Contractor’s Engineer of Record are being processed for review. Other existing Specialty Engineer references in the Specifications are meant to work with the new definition.**

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965DB or duane.brautigam@dot.state.fl.us. Comments received after October 26, 2005 may not be considered. Your input is encouraged.

DFB/jho

Attachment

COMMENTS:

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Submitted by:

Phone #:

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**HIGHWAY SIGNING.****(REV 9-20-04)**

SUBARTICLE 700-2.2 (of the Supplemental Specifications) is deleted and the following substituted:

**700-2.2 Sign Panels:** Use either aluminum or galvanized steel for any sign panel shown in the plans, regardless of its mounting type.

If using galvanized steel for the sign panels, provide the same dimensions, including the thickness, as those shown in the plans for aluminum.

Fabricate standard sign panel messages in accordance with details included in the Standard Highway Signs Manual published by the U.S. Department of Transportation. The Engineer will not require the submittal of shop drawings for these signs or for non-standard sign panels and messages fabricated in accordance with details shown in the plans. Submit seven copies of shop drawings indicating detailed layout of the sign legend, spacing, and border for all other signs to the Engineer ~~of Record~~ prior to fabrication.

If the size of a sign is not specified in the plans, provide the size sign for conventional roadways as shown in the MUTCD.

SUBARTICLE 700-2.4.2 (of the Supplemental Specifications) is deleted and the following substituted:

**700-2.4.2 Contractor's Design:** When the overhead sign structure is not detailed in the plans, submit to the Department a sign structure design utilizing steel structural members. Meet the requirements of this Section and the AASHTO Specification for the Design and Construction of Structural Supports for Highway Signs, Luminaires and Traffic Signals.

Use a design wind speed as shown on the Contract drawings. When a sign structure is attached to a bridge or wall structure, ensure that the loads from the sign structure applied to the bridge or wall structure are equal to or less than those shown on the Contract drawings. When the sign support is not on a structure, the Contractor is responsible for the design of the foundation.

Have designs and shop drawings prepared by a Specialty Engineer *or the Contractor's Engineer of Record*, and submit them to the Department for review and approval in accordance with Section 5.

Determine the actual length of support columns for all sign structures on the basis of existing field conditions, and include these lengths in the shop drawings and calculations.