

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 700-8 & 715-6.3.
Section/File number

New Section _____.
Section number

Subject Highway signing & Highway lighting system
Origination date: September 10, 2008
Originators: Tim Ruelke, P.E., District 2 Construction Engineer
Office/Phone: District 2 Construction / (386) 961- 7730
Email address/ timothy.ruelke@dot.state.fl.us

Problem statement: Update language of Specification to require foundations for strain poles, mast arm and monotube assemblies to be tested for concrete strength prior to loading of the foundations. Bring the loading requirement into compliance with concrete strength requirements for loading of structural concrete as stated in table of specification 400-14.

Information source: Robert V. Robertson, JR., P.E. State Structures Design Engineer
Rodney T. Nelson, P.E. District 2 Structures Design

Background data:

Recommended Usage Note: All Jobs

Estimated fiscal impact, if implemented: None



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

MEMORANDUM

DATE: November 10, 2008
TO: Specification Review Distribution List
FROM: Rudy Powell, Jr., P.E., State Specifications Engineer
SUBJECT: Proposed Specification: 7000800, Erection of Signs and Sign Supports

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

This change was proposed by Tim Ruelke, District Construction Engineer, to require foundations to be tested for concrete strength prior to loading of the foundations.

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 ST986RP or rudy.powell@dot.state.fl.us. Comments received after December 10, 2008 may not be considered. Your input is encouraged.

RP/dr
Attachment

**ERECTION OF SIGNS AND SIGN SUPPORTS.
(REV 10-3-08)**

ARTICLE 700-8 (of the Supplemental Specifications) is deleted and the following substituted:

700-8 Erection of Signs and Sign Supports.

Do not erect overhead sign supports until the concrete in the support footing ~~has cured for at least seven days. The Engineer may allow sign support erections prior to seven days provided the footing concrete strength is~~ at least 2,500 psi. Determine concrete strength from tests on a minimum of two test cylinders, tested in accordance with Section 346.

Erect the signs and sign structures in accordance with the details shown in the plans. The Contractor may fabricate the structural steel sign trusses in sections that will fit into available galvanizing vats. Prior to galvanizing, weld the joints as specified in 460-6 and in accordance with the details shown in the plans. Re-galvanize damaged parts as specified in Section 562.

Weld aluminum structures in accordance with 965-3.