



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

April 1, 2010

Monica Gourdine
Program Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: Office of Design, Specifications
Section 502
Proposed Specification: **5020100 Shear Connectors**

Dear Ms. Gourdine:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

These changes were proposed by Steven Plotkin to revise the specification to reflect a recent OSHA rule change. OSHA rescinded their policy to allow shop installed shear connectors if 100% fall protection is provided; therefore, shear connectors must be installed after deck forms are in place. The Department along with other states has asked OSHA to reconsider, but until that time a change to the specification is required. The Construction Office plans to issue a memo.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to ST986RP or rudy.powell@dot.state.fl.us.

If you have any questions relating to this specification change, please call Rudy Powell, State Specifications Engineer at 414-4280.

Sincerely,

Rudy Powell, Jr., P.E.
State Specifications Engineer

RP/cah



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Attachment

cc: Gregory Jones, Chief Civil Litigation
Florida Transportation Builders' Assoc.
State Construction Engineer

SHEAR CONNECTORS.**(REV 2-22-10)**

ARTICLE 502-1 (Page 635) is deleted and the following substituted:

502-1 Description.

Furnish and install welded shear connectors on steel beams and girders at locations shown in the Contract Documents. Field weld shear connectors located on the top flange only after the deck forms are in place. *Installation of shear connectors in the fabrication plant is not permitted.* However, if workers who walk on the top flange of erected girders have 100% fall protection in compliance with OSHA requirements, shear connectors located on the top flange of girders may be furnished and installed in the fabrication plant.

SHEAR CONNECTORS.
(REV 2-22-10)

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