Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

June 26, 2009

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

Re: Office of Design, Specifications
Section 962
Proposed Specification: 9620102 Structural Steel and Miscellaneous Metal Items (Other Than Aluminum).

Dear Ms. Gourdine:

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

These changes were proposed by Charles Boyd of the State Structures Design Office to delete references to table numbers in ASTM A 709 and instead reference only the table names.

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

STRUCTURAL STEEL AND MISCELLANEOUS METAL ITEMS (OTHER THAN ALUMINUM).
(REV 6-*26*~~25~~-09)

SUBARTICLE 962-1.2 (page 914) is deleted and the following substituted:

962-1.2 Testing: For structural steel subjected to tensile stress used for main load-carrying members or components (as defined in Section 460), meet the ASTM A 709 impact test requirements *for non-fracture and fracture critical tension components*~~in Table 9 (Non-Fracture Critical Tension Components) or Table 10 (Fracture Critical Tension Components)~~ as specified in the Contract Documents. Meet the requirements for Zone 1 (Minimum Service Temperature 0ºF).

If not specified elsewhere in the Contract Documents, provide structural steel in accordance with *ASTM A 709 requirements for non-fracture and fracture critical tension components*~~Table 9 or Table 10~~ as directed by the Engineer.

SUBARTICLE 962-8.4.2 (page 917) is deleted and the following substituted:

962-8.4.2 Testing: Structural steel tubing subjected to tensile stresses used in main load carrying members or components (as defined in Section 460) shall meet the *impact test* requirements of ASTM A 709 *for non-fracture and fracture critical tension components* ~~Table 9 (Non-Fracture Critical Members) or Table 10 (Fracture Critical Members)~~for Zone 1. Minimum Average energy shall be: 15 ft-lbf at 70°F (~~Table 89~~*non-fracture critical*); or 25 ft-lbf at 70°F (~~Table 910~~*fracture critical*).

STRUCTURAL STEEL AND MISCELLANEOUS METAL ITEMS (OTHER THAN ALUMINUM).
(REV 6-26-09)

SUBARTICLE 962-1.2 (page 914) is deleted and the following substituted:

962-1.2 Testing: For structural steel subjected to tensile stress used for main load-carrying members or components (as defined in Section 460), meet the ASTM A 709 impact test requirements for non-fracture and fracture critical tension components as specified in the Contract Documents. Meet the requirements for Zone 1 (Minimum Service Temperature 0ºF).

If not specified elsewhere in the Contract Documents, provide structural steel in accordance with ASTM A 709 requirements for non-fracture and fracture critical tension components as directed by the Engineer.

SUBARTICLE 962-8.4.2 (page 917) is deleted and the following substituted:

962-8.4.2 Testing: Structural steel tubing subjected to tensile stresses used in main load carrying members or components (as defined in Section 460) shall meet the impact test requirements of ASTM A 709 for non-fracture and fracture critical tension components for Zone 1. Minimum Average energy shall be: 15 ft-lbf at 70°F (non-fracture critical); or 25 ft-lbf at 70°F (fracture critical).