



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

March 27, 2008

Dr. Leslie McCarthy, PhD, P.E.
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 Dr. McCarthy:

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

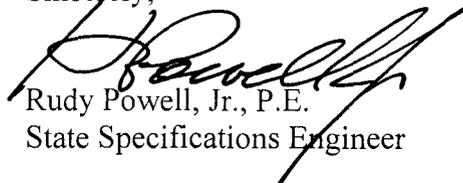
Charles Boyd and Larry Jones of the State Structures Design Office proposed this change to:

- Reflect changes to ASTM impact test requirements and add requirements for steel pipe piles.

Please review and transmit your comments, if any, within four 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 414-4110.

Sincerely,



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

RP/ft

Attachment

cc: Gregory Jones, General Counsel
Florida Transportation Builders' Assoc.
State Construction Engineer
Marvin Williams, Federal Highway Administration

STRUCTURAL STEEL AND MISCELLANEOUS METAL ITEMS (OTHER THAN ALUMINUM).

(REV 12-27-07)

SUBARTICLE 962-1.2 (of the Supplemental Specification) 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 ~~supplementary notch toughness impact test~~ requirements in ~~Table 9 S83~~ (Non-Fracture Critical ~~members Tension Components~~) or ~~Table 10 S84~~ (Fracture Critical ~~members Tension Components~~) as specified in the Contract Documents. Meet the requirements for Zone 1 (Minimum Service Temperature 0°F).

If not specified elsewhere in the Contract Documents, provide *structural steel in accordance with Table 9 S83 or S84 Table 10* as directed by the Engineer.

ARTICLE 962-8 (of the Supplemental Specification) is expanded by the following new Subarticle:

962-8.28 Steel Pipe Piling: *Provide seamless, or longitudinal or helical welded pipe conforming ~~with~~to the requirements of API 5L Grade L320, X46 or higher, or ASTM A 252 Grade 3. Provide longitudinal or helical welded pipe with only complete joint penetration (CJP) welds conforming ~~with~~to the requirements of API 5L or AWS D1.1.*

STRUCTURAL STEEL AND MISCELLANEOUS METAL ITEMS (OTHER THAN ALUMINUM).
(REV 12-27-07)

SUBARTICLE 962-1.2 (of the Supplemental Specification) 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 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 0°F).

If not specified elsewhere in the Contract Documents, provide structural steel in accordance with Table 9 or Table 10 as directed by the Engineer.

ARTICLE 962-8 (of the Supplemental Specification) is expanded by the following new Subarticle:

962-8.8 Steel Pipe Piling: Provide seamless, or longitudinal or helical welded pipe conforming to the requirements of API 5L Grade L320, X46 or higher, or ASTM A 252 Grade 3. Provide longitudinal or helical welded pipe with only complete joint penetration (CJP) welds conforming to the requirements of API 5L or AWS D1.1.