



Florida Department of Transportation

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**** EXPIRED ****

MATERIALS BULLETIN NO. 05-07

DCE MEMORANDUM NO. 07-07

DME MEMORANDUM NO. 01-07

(FHWA Approved: 3/27/07)

**TO: DISTRICT MATERIALS RESEARCH ENGINEERS
DISTRICT CONSTRUCTION ENGINEERS
DISTRICT MAINTENANCE ENGINEERS**

**FROM: Thomas O. Malerk, Director, Office of Materials
Brian A. Blanchard, Director, Office of Construction
Tim Lattner, Director, Office of Maintenance**

COPIES: Duane Brautigam, District Design Engineers, District Design Structures Engineers, Bob Burleson (FTBA), Greg Williams (FHWA), Paul Vinik, Steve Duke

SUBJECT: Detection of Soluble Salts Prior to Painting of Structural Steel

The current frequency requirement (Section 560-7.1.3) for soluble salts detection is SSPC-PA2. This definition requires an inordinate amount of soluble salt testing and shall be modified to the frequencies defined below:

Structural Steel Maintenance Activities: Test five random locations in the first 1000ft² of surface area and one random location for every subsequent 1000ft².

Structural Steel Fabrication Activities: Test 3 random locations in the first 1000ft² of surface area and one random location for every subsequent 1000ft² of surface area.

Due to differences in size and design of structural steel, requests for deviations to the frequencies defined above should be sent to Paul Vinik or Steve Duke at the State Materials Office.

If at any time a test result exceeds the maximum concentration allowed by Section 560, re-clean the entire surface area of that structure as prescribed by Section 560 and retest for soluble salts at the frequencies defined above.

These policies shall remain in effect until this memo is superseded by further instructions.

For questions on this bulletin contact Paul Vinik at 352-955-6649 or Steve Duke at 352-955-6682.

TM/BB/TL/pv