Florida Department of Transportation

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MATERIALS BULLETIN NO. 07-14
DCE MEMORANDUM NO. 09-14
(FHWA Approved: 5/28/2014)

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

FROM: Timothy Ruelke P.E., Director, Office of Materials
David A. Sadler, P.E., Director, Office of Construction

COPIES: Tom Byron, Rudy Powell, Bob Burleson, Nick Finch, Chad Thompson, Caitlin Alcorn, Rafiq Darji, Paul Vinik, Steve Duke

SUBJECT: **EYE BOLTS FOR SPAN WIRE ASSEMBLY**

This memo is to address the requirements for eyebolts on signal assemblies attached to strain poles.

Section 634-2.3 of the Standard Specifications states the following:
Use an alloy steel eyebolt (ASTM F541, Type 2) and a matching heavy hex nut (ASTM A563, Grade C or D), both zinc coated in accordance with ASTM A153, Class C, to connect the automatic compression dead-end clamp of the catenary wire or messenger wire to the wood or concrete strain poles.

Section 14 of ASTM F 541 states:
14.1 When requested by the purchaser, the manufacturer shall furnish one of the following as specified by the purchaser: (*1*) certification that the eyebolts were manufactured, tested, and the test results conform to this specification, or (*2*) a test report showing the results of the tests made to determine compliance with this specification. The report shall include the purchase order number and a lot identification number correlating the test results with the lot represented.

This memo is notification that the Department will require the manufacturer to furnish the test report as described in (2) above. Each test report should list the results for all tests required by F 541 and tie those results to the hardware brought to the jobsite.

Test reports can be scanned and e-mailed to the State Materials Office to the attention of Steve Duke at Steve.Duke@dot.state.fl.us and Sue Rose at Sue.Rose@dot.state.fl.us for review until further notice.

TR/hh