

RICK SCOTT GOVERNOR

Tallahassee, FL 32399-0450

JIM BOXOLD SECRETARY

TRAFFIC ENGINEERING AND OPERATIONS BULLETIN 17-01 ROADWAY DESIGN BULLETIN 17-01 (FHWA Approved: January 6, 2017)

DATE:	January 6, 2017
TO:	District Directors of Transportation Operations, District Directors of Transportation Development, District Design Engineers, District Structures Design Engineers, District Roadway Design Engineers, District Traffic Operations Engineers
	Operations Engineers, District Program Management Engineers/Administrators
FROM:	Operations Engineers, District Program Management Engineers/Administrators Trey Tillander, Director, Traffic Engineering and Operations Office Manual Tim Lattner, Director, Office of Design
COPIES:	Brian Blanchard, Courtney Drummond, David Sadler, Rudy Powell, Mark Wilson, Gregory Schiess, Michael Shepard, Nick Finch (FHWA), Khoa Nguyen (FHWA), Frank Corrado (FHWA), Bob Burleson (FTBA)
SUBJECT:	Design Standards Index 17727 – Span Wire Traffic Signal Hangers

REQUIREMENTS

The following two Design Standards Revisions (DSR) are released:

Revised FY 2016-17 Index 17727, (Signal Cable & Span Wire Installation Details); and Revised FY 2017-18 Index 17727, (Signal Cable & Span Wire Installation Details).

BACKGROUND

This Bulletin follows up on and supersedes TRAFFIC ENGINEERING & OPERATIONS BULLETIN 12-15 / ROADWAY DESIGN BULLETIN 15-14 / DCE MEMORANDUM NO. 24-15.

The Department is changing the Design Standard for span wire traffic signal hangers to allow any Adjustable Signal Hanger listed on the Department's Approved Product List (APL). Currently, the adjustable signal hangers on the APL are the Tri-Stud Adjustable Hanger Assembly and the Pivotal Adjustable Hanger Assembly (PAHA). Design Standards, Index 17727 (Signal Cable & Span Wire Installation Details) has been reissued as a DSR.

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Department funded research is currently underway at the Florida International University Wall of Wind facility in Miami to assess the dynamic performance of span wire traffic signal assemblies in high winds. Long duration wind tests of signal assemblies attached to the span wires with Tri-Stud Adjustable Hangers and PAHAs were recently conducted.

Hurricane Hermine made landfall in the Tallahassee area on September 2 and was the first hurricane to make landfall in Florida since Hurricane Wilma in 2005. Hurricane Matthew approached within 11 miles of the Central and Northeast Florida coast on October 6 and was the strongest hurricane to impact northeast Florida since 1898.

This bulletin is issued based on early observations of the tests pending completion of the research, as well as observations from the two recent hurricane events.

IMPLEMENTATION

The use of the FY 2016-17 **DSR** for Index 17727 is required for all projects with lettings from April 1, 2017 to June 30, 2017. The use of the FY 2017-18 **DSR** for Index 17727 is required for all projects with lettings on or after July 1, 2017. Include the **DSR** for Index 17727 in the back of the component plan set in accordance with the **Plans Preparation Manual, Volume 2, Chapter 3**.

CONTACT

Elizabeth Birriel Deputy State Traffic Operations Engineer Phone (850) 921-7361 elizabeth.birriel@dot.state.fl.us

TT/TL/tt/ss



RICK SCOTT GOVERNOR 605 Suwannee Street Tallahassee, FL 32399-0450 JIM BOXOLD SECRETARY

MEMORANDUM

DATE:	August 1, 2016
то:	Fred H. Heery, Sr., Alan El-Urfali, Elizabeth Birriel, Jeffrey Frost
FROM:	Fred H. Heery, Sr., Alan El-Urfali, Elizabeth Birriel, Jeffrey Frost Trey Tillander, Director, State Traffic Engineering and Operations Office (14) (Wander
COPY:	Brian Blanchard, Rachel Cone, Tom Byron, Phillip Gainer
SUBJECT:	Delegation of Signature Authority

This authorization includes all documents requiring the signature of the Director of State Traffic Engineering and Operations Office with the exception of personnel actions and out of state travel.

The following list establishes signature authority during my absence from the office.

- 1. Fred H. Heery, Sr., State TSM&O Program Engineer
- 2. Alan El-Urfali, State Traffic Services Program Engineer
- 3. Elizabeth Birriel, Traffic Engineering Research Lab Manager
- 4. Jeffrey Frost, Incident Management / CVO Program Manager

This memo supersedes any previous authorization and shall remain in effect until rescinded by me.

TT/ss







