



Florida Department of Transportation

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GOVERNOR

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SECRETARY

Mail Station 32

ROADWAY DESIGN BULLETIN 05-06

STRUCTURES DESIGN BULLETIN C05-09

DATE: August 2, 2005

TO: District Directors of Transportation Development, District Directors of Operations

FROM: Brian Blanchard, PE
State Roadway Design Engineer

William Nickas, PE
State Structures Design Engineer

COPIES: Robert Greer, Ananth Prasad, Sharon Holmes, Lap Hoang, Tom Malerk, Duane Brautigam, Greg Davis, Russell Daly, Elwin Broome

SUBJECT: Design Standards - 2006 (English)
Implementation on English and Metric Projects

Copies of the 2006 Design Standards have been forwarded to offices within your Districts involved in Design, Construction and Maintenance. Additional copies may be obtained from Central Office Maps and Publications.

Consultants, contractors, and others outside the Department may purchase copies of the 2006 edition from Central Office Maps and Publications, 605 Suwannee Street, MS-12, Tallahassee, FL 32399-0450, Telephone (850) 414-4050, Suncom 994-4050. The price per copy is \$10.25.

The 2006 Design Standards are also available online in PDF format:

<http://www.dot.state.fl.us/rddesign/>

The 2006 Design Standards includes several changes from previous editions. The most significant change involves the integration of Structures Design Standards. Another significant change is the removal of proprietary product drawings of products listed on the Qualified

Products List (QPL). Proprietary product drawings will instead be provided as Vendor Drawings on the QPL web site.

The integration of Structures Design Standards and the removal of QPL product drawings resulted in the renumbering of several Indexes. For most Structures Design Standards, the number "20" was added in front of the existing Index number to avoid duplication of Index numbers previously assigned for other use in the booklet. For example, Structures Design Standard Index 600 is Design Standards Index 20600 in the 2006 Design Standards edition. However, some Structures Design Standard Indexes as well as Roadway Indexes have been completely renumbered as a result of combining related roadway and structures items. A complete listing of the changes along with a cross reference table is provided in the front of the booklet.

The integration of the Structures Design Index Drawings into the Design Standards will require that Structures Plans make reference to the Design Standards instead of including Structures Standards sheets in the plans. Note that the Design Standards reference note and Design Standards Modifications Date on the Lead Key Sheet incorporates all Structures Design Indexes contained in the Design Standards into the Contract Documents.

Structures Semi-Standards will be handled in a manner similar to past practice, in that they are to be completed by the EOR and included in the plans. The difference is that the semi-standards are currently being converted to the CADD Cell Library. Structures Design Instructional Standards will be incorporated into Volume 3 of the Structures Manual. Structures Designers will be notified when these activities are completed.

Implementation of the 2006 Design Standards shall be as follows:

English Projects - Lettings PRIOR to July 1, 2006:

The 2004 Design Standards and subsequent revisions shall continue to be applied to all English projects to be let PRIOR to July 1, 2006. This is necessary due to changes to Specifications and Pay Items associated with the 2006 Design Standards that will not be implemented until the July 2006 letting.

English Projects - Lettings AFTER July 1, 2006:

The 2006 Design Standards shall be applied to all English projects beginning with the July 2006 letting.

Metric Projects – Lettings PRIOR To July 1, 2006:

The Metric 2000 Standards and subsequent revisions shall continue to be applied to all Metric projects.

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Metric Projects - Lettings AFTER July 1, 2006:

The 2006 Design Standards, which are in English units, shall be applied to all Metric projects beginning with the July 2006 letting. The use of the Metric 2000 Standards will be discontinued. This will require designers, construction personnel, and contractors to make appropriate mathematical conversions.

Please contact this office (850) 414-4377, Suncom 994-4377 if you have any questions.