



Florida Department of Transportation

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ROADWAY DESIGN BULLETIN 06-08

DATE: July 27, 2006

TO: District Design Engineers, Plans Preparation Manual Holders

FROM: David C. O'Hagan, PE, State Roadway Design Engineer

by James A. Mills

COPIES: Robert Greer, Brian Blanchard, Tim Lattner, William Nickas,
Duane Brautigam, Lap Hoang, Chris Richter, FHWA

SUBJECT: Design Standards Modifications January 1, 2007

The Design Standards Modifications to the 2006 Design Standards booklet, Effective Date January 1, 2007, have been posted on the Roadway Design Office web site.

The Design Standards Modifications includes a listing of all Interim Design Standards issued since publication of the applicable booklet, plus all changes and corrections to notes and text within the booklet that do not warrant issuing Interim Indexes.

All plans beginning with the January 2007 letting shall include a reference to Design Standards Modifications Effective Date January 1, 2007 on the lower left corner of the Key Sheet below the Governing Specifications and Standards note, and above the Revisions area. For more information please see the Plans Preparation Manual, Volume II, Section 3.8 and Exhibit KS-1.

Note that all Interim Indexes listed in the Design Standards Modifications publication will be applicable unless otherwise indicated in the contract documents. The January 1, 2007, Design Standards Modifications includes all previously issued Interim Indexes plus the following:

Interim Index No. 291 (Sheets 1-5 of 5), SUPPLEMENTAL DETAILS FOR PRECAST CONCRETE BOX CULVERTS – Dated 07-01-06: This is a new Index to provide joint details for precast box culverts and connections to C-I-P headwalls and wings.

Interim Index No. 400 (Sheet 24 of 24) GUARDRAIL, Dated 07-01-06: This is a new sheet showing details for double face guardrail on median shoulders.

Interim Index No. 411 (Sheets 1-10 of 10) PIER PROTECTION BARRIER, Dated 07-01-06: This is a new Index to provide details for Pier Protection Barriers to meet LRFD Bridge Design Specifications requirements. A separate Design Bulletin will be issued to address the use and implementation of this Interim Index.

Interim Index No. 518 (Sheet 3 of 3), RUMBLE STRIPS, Dated 07-01-06: This is a new sheet showing details for rumble strips in rigid pavement.

Interim Index No. 603 (Sheet 1-2 of 2), TWO- LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY, Dated 07-01-06: (Sheet 1) Added Automated Flagger Assistance Device (AFAD) symbol. (Sheet 2) This is a new sheet that gives details for use of the AFAD. AFADs are experimental and use must be approved by the State Roadway Design Engineer.

Interim Index No. 11200 (Sheets 2 & 3 of 3), STANDARD ROADSIDE SIGN – Dated 07-01-06: Added 4” max. dimension to ground line in “SIGN COL. & STUB COL. ELEVATION” and “BASE CONNECTION” details.

Interim Index No. 11860 (Sheet 4 of 4), SINGLE COLUMN GROUND SIGNS – Dated 07-01-06: Added 4” max. dimension to ground line in “SLIP BASE AND FOOTING DETAIL”.

Interim Index No. 17346 (Sheet 14 of 14), SPECIAL MARKING AREAS – Dated 07-01-06: This is a new detail sheet showing interchange exit numbering on the shoulder pavement. See Design Bulletin 06-03 for additional information.

Interim Index No. 17841 (Sheet 1 of 1), CABINET INSTALLATION DETAILS- Dated 07-01-06: Added details and notes for alternate power Transfer Switch.

Interim Index No. 21600 (Sheets 1-7 of 7), TEMPORARY DETOUR BRIDGE GENERAL NOTES AND DETAILS – Dated 07-01-06: This is a new Index to provide general notes and bearing details for temporary bridge applications.

Interim Index No. 21610 (Sheets 1-3 of 3), TEMPORARY DETOUR BRIDGE DETAILS – TIMBER PILE FOUNDATIONS – Dated 07-01-06: This is a new Index to provide bearing and backwall details for timber pile foundations.

Interim Index No. 21620 (Sheets 1-2 of 2), TEMPORARY DETOUR BRIDGE DETAILS – STEEL H PILE FOUNDATIONS – Dated 07-01-06: This is a new Index to provide bearing and backwall details for steel H pile foundations.

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Interim Index No. 21630 (Sheets 1-3 of 3), TEMPORARY DETOUR BRIDGE DETAILS – STEEL PIPE PILE FOUNDATIONS – Dated 07-01-06: This is a new Index to provide bearing and pile cap details for steel pipe pile foundations

The Design Standards, Interim Indexes and Design Standards Modifications can be accessed at the following web site:

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

If you have any questions please contact this office.