Florida Department of Transportation

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STRUCTURES DESIGN BULLETIN 14-02

(FHWA Approved: January 21, 2014)

DATE: January 22, 2014

TO: District Design Engineers, District Structures Design Engineers and Plans Preparation Manual Holders

FROM: Robert V. Robertson, P. E., State Structures Design Engineer

COPIES: Brian Blanchard, Tom Byron, Duane Brautigam, David Sadler, Jeffrey Ger (FHWA)

SUBJECT: Structures Related ***Design Standards Revisions***

REQUIREMENTS

This bulletin introduces the following structures related ***Design Standards Revisions (DSR)***:

1. The following new ***Design Standards*** and associated ***IDS*** are released:
   Index 5250 & IDS-5250 – Perimeter Walls
   Index 21252 & IDS-21252 – Access Door Assembly for Steel Box Sections

2. The following revised Index drawing is released:
   Index 21110 – Poured Joint with Backer Rod Expansion Joint System

3. The following revised ***IDS*** are released:
   IDS-5200 – Precast Noise Walls
   IDS-21250 – Access Hatch Assembly for Steel Box Sections
   IDS-21251 – Access Hatch Assembly for Concrete Box Sections

BACKGROUND

Precast Noise Walls:
IDS-5200 has been revised to complement changes in the January 2014 release of the ***Structures Design Guidelines*** and the ***Soils and Foundations Handbook***.

Perimeter Walls:
New Index 5250 and IDS-5250 are released as part of a larger effort that will be described in a separate Bulletin to be released in the coming weeks.

Poured Joint with Backer Rod Expansion Joint System:
Revised Index 21110 is released to clarify the requirement for Type D silicone sealant material. Other minor clarifications were also made.

Access Door Assembly for Steel Box Sections:
New Index 21252 and IDS-21252 are released to standardize the design and details for Access Doors in steel box sections at the request of industry.

Access Hatch Assembly for Concrete and Steel Box Sections:
The method of payment in IDS-21250 and IDS-21251 have been revised to be consistent with the new Index 21252.

IMPLEMENTATION

These ***Design Standards Revisions*** are released and are available for use on projects. The usage policy for the Perimeter Wall standard will be included in a subsequent Structures Design Bulletin.

When applicable, include these new and revised ***Design Standards*** Index drawings in the Plans as described in the ***PPM, Vol. 2***, Section 3.6.1.

CONTACT

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