



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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