



Florida Department of Transportation

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June 18, 2007

TO: District Directors of Production, District Design Engineers, District Structures and Facilities Engineers, District Maintenance Engineers, District Construction Engineers, District Structures Design Engineers

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

COPIES: Ananth Prasad, Lora Hollingsworth, Timothy Lattner, Larry Jones, Larry Sessions, Marcus Ansley, Andre Pavlov, Lex Collins, Tom Andres, Rudy Powell, Jonathan Van Hook, Rafiq Darji, Jeffrey Ger (FHWA)

SUBJECT: Temporary Design Bulletin C07-06
Adoption of the AASHTO LRFD Bridge Design Specification, 4th Edition (2007)

REQUIREMENTS (4)

1. Replace LRFD Specification reference in **Section I.6.A.6., Introduction - References**, of the January 2007 Structures Manual, Volume 1, Structures Design Guidelines with the following:

LRFD Bridge Design Specification, 4th Edition (2007).
2. Remove the Curved Steel Girder Guide Specification reference and commentary in **Section I.6.A.9., Introduction - References**, of the January 2007 Structures Manual, Volume 1, Structures Design Guidelines.
3. Replace **Section 5.1, Superstructure - Steel - General**, of the January 2007 Structures Manual, Volume 1, Structures Design Guidelines with the following:
 - A. Design straight and curved steel bridge components in accordance with **LRFD** and the requirements of this Chapter (see Section I.6.A.6 for LRFD edition).
 - B. Refer to AASHTO/NSBA Steel Collaboration Document G12.1 **Guidelines for Design for Constructability**. <http://www.steelbridge.org/>.
4. Remove **Section 6.6.1, Steel Structures - Limit States**, of the January 2007 Structures Manual, Volume 8, FDOT Modifications to Manual for Condition Evaluation and Load and Resistance Factor Rating (LRFR) of Highway Bridges.

COMMENTARY

None.

BACKGROUND

The Department is satisfied that curved steel girder design software is available that complies with LRFD 4th Edition, Section 6.

IMPLEMENTATION

Requirements are effective on projects not yet executed and encouraged on all projects 30% complete or less.

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RVR/AVP