



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

MEMORANDUM

DATE: April 17, 2014

TO: Tom Byron, Chief Engineer

FROM: Duane Brautigam, Director, Office of Design
David Sadler, Director, Office of Construction
Tim Lattner, Director, Office of Maintenance

COPIES: Daniel Scheer, State Specifications Engineer

SUBJECT: Mandatory Specification Revision No. 6
July 2014 Workbook

I approve the implementation plan of the subject Specification.

Duane Brautigam	<u>Signature on file</u> Director, Office of Design	<u>4-21-14</u> Date
David Sadler	<u>Signature on file</u> Director, Office of Construction	<u>4-21-14</u> Date
Tim Lattner	<u>Signature on file</u> Director, Office of Maintenance	<u>4-21-14</u> Date



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ANANTH PRASAD, P.E.
SECRETARY

MEMORANDUM

DATE: April 17, 2014

TO: District Specifications Engineers

FROM: Daniel Scheer, State Specifications Engineer

CC: State Specifications and Estimates Office
Duane Brautigam, Director, Office of Design
David Sadler, Director, Office of Construction
Rudy Powell, State Construction Engineer
Tim Lattner, Director, Office of Maintenance

SUBJECT: MANDATORY SPECIFICATIONS REVISIONS
July 2014 Workbook: Mandatory Revision No. 6

Revise specification packages as described below for the effective letting date as noted:

Specification Number	Heading	Revision Date	Effective Letting Date	Remarks
SP0050104	Control of the Work.	4-17-14	7-14	SP Added Usage note: All Jobs.

The second and third paragraphs in 5-1.4.5.7 were inadvertently omitted during compilation of Section 5 for the January 2014 eBook.

This mandatory is applicable to all jobs with the letting date of 7-14 forward.

CONTROL OF THE WORK.**(REV 4-17-14) (7-14)**

SUBARTICLE 5-1.4.5.7 is deleted and the following substituted:

5-1.4.5.7 Beam and Girder Temporary Bracing: The Contractor is solely responsible for ensuring stability of beams and girders during all handling, storage, shipping and erection. Adequately brace beams and girders to resist wind, weight of forms and other temporary loads, especially those eccentric to the vertical axis of the products, considering actual beam geometry and support conditions during all stages of erection and deck construction. At a minimum, provide temporary bracing at each end of each beam or girder. Develop the required bracing designs in accordance with the AASHTO LRFD Bridge Design Specifications (LRFD) and Chapter 11 of the SDG using wind loads specified in the SDG. For information not included in the SDG or LRFD, refer to the AASHTO Guide Design Specifications for Bridge Temporary Works and the AASHTO Construction Handbook for Bridge Temporary Works.

For Construction Affecting Public Safety, when temporary bracing requirements are shown in the plans, submit plans and calculations signed and sealed by a Specialty Engineer for the design of temporary bracing members and connections based on the forces shown in the plans. In addition, submit a written certification that construction loads do not exceed the assumed loads shown in the plans.

For Construction Affecting Public Safety, when temporary bracing requirements are not shown in the plans or an alternate temporary bracing system is proposed, submit plans and calculations signed and sealed by a Specialty Engineer including the stability analysis and design of temporary bracing members and connections.