

ORIGINATION FORM

Date: 11-29-10

Originator: Steven Plotkin

Contact Information: (904) 360-5501, steven.plotkin@dot.state.fl.us

Specification Title: Erection

Specification Section, Article, or Subarticle Number: 5-1.5.4

Why does the existing language need to be changed? The Specialty Engineer has to personally inspect erection sites too often when multiple sites that are similar exist.

Summary of the changes: The Specialty Engineer, with the Engineer's approval, can now designate a substitute person that is located in the immediate vicinity of the erection site to inspect erection sites when more than one site is required to be inspected.

Are these changes applicable to all Department jobs? Yes If not, what are the restrictions?

Will these changes result in an increase or decrease in project costs? Yes If yes, what is the estimated change in costs? Costs will be reduced since Specialty Engineer fees will be lower.

With who have you discussed these changes? Dave Sadler, FTBA

What other offices will be impacted by these changes? None

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? No

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? No

Contact the State Specifications Office for assistance in completing this form.

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STEPHANIE KOPELOUSOS
SECRETARY

MEMORANDUM

DATE: March 1, 2011
TO: Specification Review Distribution List
FROM: Rudy Powell, Jr., P.E., State Specifications Engineer
SUBJECT: Proposed Specification: **0050105 Control of the Work.**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

This change was proposed by Steve Plotkin the State Construction Office to allow the Specialty Engineer, with the Engineer's approval, the option to assign a designee to inspect and certify similar erected elements.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965RP or rudy.powell@dot.state.fl.us. Comments received after **March 30, 2011** may not be considered. Your input is encouraged.

RP/dt
Attachment

CONTROL OF THE WORK.

(REV ~~122-23113-101~~)

SUBARTICLE 5-1.5.4 (Page 39) is deleted and the following substituted:

5-1.5.4 Erection: For Construction Affecting Public Safety, submit an erection plan signed and sealed by the Specialty Engineer to the Engineer at least four (~~4~~) weeks prior to erection commencing. Include, as part of this submittal, signed and sealed calculations and details for any falsework, bracing or other connection(~~s~~) supporting the structural elements shown in the erection plan.

At least two (~~2~~) weeks prior to beginning erection, conduct a Pre-erection meeting with the Specialty Engineer and Engineer to review details of the plan.

After erection of the elements, but prior to opening of the roadway below the structure, ensure that ~~athe~~ Specialty Engineer has ~~personally~~ inspected the erected member(~~s~~) and certified, *in writing*, to the Engineer that the structure has been erected in accordance with the signed and sealed erection plan. *If the erection plans for multiple locations are sufficiently similar, as determined by the Engineer, the Specialty Engineer may assign, as his designee, another Specialty Engineer to inspect the erected elements; however, the Specialty Engineer and the designee Specialty Engineer must both inspect the first erection location. Thereafter, the designee may inspect the remaining similar locations and must submit a written certification to the Specialty Engineer stating the remaining locations were erected in accordance with the plan.*

Perform daily inspections of the erected structural systems. For structures without temporary supports but with temporary girder bracing systems, perform inspections until all the diaphragms and cross frames are in place. For structures with temporary supports, perform inspections until the temporary supports are no longer needed as indicated in the erection plans. Provide written documentation of the inspections to the Engineer within 24 -hours of the inspection.