



## Florida Department of Transportation

**CHARLIE CRIST**  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

**STEPHANIE KOPELOUSOS**  
SECRETARY

July 28, 2009

Monica Gourdine  
Program Operations Engineer  
Federal Highway Administration  
545 John Knox Road, Suite 200  
Tallahassee, Florida 32303

Re: Office of Design, Specifications  
Section 004  
Proposed Specification: 0040309 Scope of the Work – Value Engineering Incentive

Dear Ms. Gourdine:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

These changes were proposed by David Amato to modify to specify the intent of the independent peer review and to clarify the requirements of the Independent Review Engineer.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to ST986RP or rudy.powell@dot.state.fl.us.

If you have any questions relating to this specification change, please call Rudy Powell, State Specifications Engineer at 414-4280.

Sincerely,

Signature on File

Rudy Powell, Jr., P.E.  
State Specifications Engineer

RP/dt

Attachment

cc: Gregory Jones, Chief Civil Litigation  
Florida Transportation Builders' Assoc.  
State Construction Engineer

**SCOPE OF THE WORK – VALUE ENGINEERING INCENTIVE  
(REV 7-286-12-09)**

SUBARTICLE 4-3.9.6 (pages 28-29) is deleted and the following substituted:

**4-3.9.6 Conditions of Acceptance for Major Design Modifications of Category 2 Bridges:** A VECP that proposes major design modifications of a category 2 bridge, as determined by the Engineer, shall have the following conditions of acceptance:

All bridge plans *relating to the VECP* shall ~~be reviewed~~ *undergo an independent peer review conducted* by a single independent engineering firm *referred to for the purposes of this article as* (the ~~Independent Review~~ *Engineer*) *who is not the originator of* ~~involved in the~~ VECP design, *and is pre-qualified by the Department* in accordance with ~~Chapter 14-75~~ *Rule 14-75, Florida Administrative Code. The independent peer review is intended to be a comprehensive, thorough verification of the original work, to assure giving assurance* -that the design is in compliance with all Department requirements. The ~~Independent Review~~ *Engineer's* comments, along with the resolution of each comment, shall be submitted to the Department. The ~~Independent Review~~ *Engineer* shall sign and seal ~~the submittal~~ *a cover letter* stating that all of the ~~independent Engineer's~~ comments have been adequately addressed and the design is in compliance with the Department requirements. If there are any unresolved comments the ~~Independent Review~~ *Engineer* shall specifically list all unresolved issues in the signed and sealed cover letter. ~~The independent peer review will be paid for~~ *funded* by the Contractor.

*The* Contractor shall designate a primary engineer responsible for the VECP design and as such will be designated as the Contractor's Engineer of Record for the VECP design. The Department reserves the right to require the Contractor's Engineer of Record to assume responsibility for *design of* the entire structure.

~~The Contractor shall have all permanent engineering work affected by the VECP, peer reviewed by an independent engineer other than the engineer initially performing the work. Engineering work includes but is not limited to: requests for acceptance for noncompliant work, repair procedures, shop drawing review, or design and review of activities affecting public safety. If the Specialty Engineer and Contractor's Engineer of Record are separate entities, either party may initiate the action; the other shall check and certify the work as being complete and correct prior to submittal to the Engineer. If the Specialty Engineer and Contractor's Engineer of Record are the same entity, the Specialty Engineer/Contractor's Engineer of Record will initiate the action of the independent firm contracted to prepare these requests and the Specialty Engineer/Contractor's Engineer of Record will check and certify the work of the independent firm as being complete and correct prior to submittal to the Engineer.~~

New designs *and independent peer reviews* shall be in compliance with all applicable Department, FHWA and AASHTO criteria requirements including bridge load ratings.

**SCOPE OF THE WORK – VALUE ENGINEERING INCENTIVE  
(REV 7-28-09)**

SUBARTICLE 4-3.9.6 (pages 28-29) is deleted and the following substituted:

**4-3.9.6 Conditions of Acceptance for Major Design Modifications of Category 2 Bridges:** A VECP that proposes major design modifications of a category 2 bridge, as determined by the Engineer, shall have the following conditions of acceptance:

All bridge plans relating to the VECP shall undergo an independent peer review conducted by a single independent engineering firm referred to for the purposes of this article as the Independent Review Engineer who is not the originator of the VECP design, and is pre-qualified by the Department in accordance with Rule 14-75, Florida Administrative Code. The independent peer review is intended to be a comprehensive, thorough verification of the original work, giving assurance that the design is in compliance with all Department requirements. The Independent Review Engineer's comments, along with the resolution of each comment, shall be submitted to the Department. The Independent Review Engineer shall sign and seal the submittal cover letter stating that all comments have been adequately addressed and the design is in compliance with the Department requirements. If there are any unresolved comments the Independent Review Engineer shall specifically list all unresolved issues in the signed and sealed cover letter. The independent peer review will be paid for by the Contractor.

The Contractor shall designate a primary engineer responsible for the VECP design and as such will be designated as the Contractor's Engineer of Record for the VECP design. The Department reserves the right to require the Contractor's Engineer of Record to assume responsibility for design of the entire structure.

New designs and independent peer reviews shall be in compliance with all applicable Department, FHWA and AASHTO criteria requirements including bridge load ratings.