



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

August 30, 2010

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

Re: Office of Design, Specifications
Section 007
Proposed Specification: 0070705 Legal Requirements and Responsibility to the Public.

Dear Ms. Gourdine:

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

These changes were proposed by Steven Plotkin to revise the specification to replace the Specialty Engineer with a Contractor's Engineer of Record.

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,

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

RP/cah

Attachment

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

LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC.**(REV 7-21-10)**

SUBARTICLE 7-7.5 (Page 64-65) is deleted and the following substituted:

7-7.5 Contractor's Equipment on Bridge Structures: The *Contractor's Engineer of Record* ~~Specialty Engineer~~ shall analyze the effect of imposed loads on bridge structures, within the limits of a construction contract, resulting from the following operations:

- (1) Overloaded Equipment as defined in 7-7.2:
 - (a) Operating on or crossing over completed bridge structures.
 - (b) Operating on or crossing over partially completed bridge structures.
- (2) Equipment within legal load limits:
 - (a) Operating on or crossing over partially completed bridge structures.
- (3) Construction cranes:
 - (a) Operating on completed bridge structures.
 - (b) Operating on partially completed bridge structures.

Any pipe culvert(s) or box culvert(s) qualifying as a bridge under 1-3 is excluded from the requirements above.

A completed bridge structure is a bridge structure in which all elemental components comprising the load carrying assembly have been completed, assembled, and connected in their final position. The components to be considered shall also include any related members transferring load to any bridge structure.

The *Contractor's Engineer of Record* ~~Specialty Engineer~~ shall determine the effect that equipment loads have on the bridge structure and develop the procedures for using the loaded equipment without exceeding the structure's design load capacity.

Submit to the Department for approval eight copies of design calculations, layout drawings, and erection drawings showing how the equipment is to be used so that the bridge structure will not be overstressed. The *Contractor's Engineer of Record* ~~Specialty Engineer~~ shall sign and seal one set of the eight copies of the drawings and the cover sheet of one of the eight copies of the calculations for the Department's Record Set.

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