



# Florida Department of Transportation

JEB BUSH  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

THOMAS F. BARRY, JR.  
SECRETARY

February 17, 2003

Mr. Donald Davis  
Program Operations Engineer  
Federal Highway Administration  
227 N. Bronough Street, Suite 2015  
Tallahassee, Florida 32301

Re: Office of Design, Specifications  
Section 465  
Proposed Specification: D4650002

Dear Mr. Davis:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Movable Bridges – Qualification Requirements for Supervisory Personnel.

This revision is proposed by Susan Blazo, State Materials Office to remove the Contractor's Supervisory Personnel requirements from this Section.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or [duane.brautigam@dot.state.fl.us](mailto:duane.brautigam@dot.state.fl.us).

If you have any questions relating to this specification change, please call Duane F. Brautigam, State Specifications Engineer at 414-4110.

Sincerely,

Duane F. Brautigam, P.E.  
State Specifications Engineer

DFB/jho

Attachment

cc: General Counsel  
Florida Transportation Builders' Assoc.  
State Construction Engineer

**MOVABLE BRIDGES – QUALIFICATION REQUIREMENTS FOR  
SUPERVISORY PERSONNEL.  
(REV 1-10-03)**

ARTICLE 465-2 (of the Supplemental Specifications) is deleted and the following substituted:

**465-2 Qualification Requirements for Supervisory Personnel.**

~~**465-2.1 General:** Submit qualifications of supervisory personnel to the Engineer at the pre-construction conference. Do not begin Movable Bridge Construction operations until the Engineer has approved the qualifications of supervisory personnel.~~

~~**465-2.2 Proof of License or Certification:** Submit a copy of their Professional Engineer license current and in force issued by the state in which they hold registration. Submit a copy of the license issued by the State of Florida for tradesmen that require license indicating that the license is in force and is current. Submit a copy of the certification issued by the Instrumentation, Systems and Automation Society of America for each Certified Control Systems Technician.~~

~~**465-2.3 Experience Record:** Submit the following information for supervisory personnel in order to substantiate their experience record. The supervisor (engineer, superintendent/manager or foreman) seeking approval must provide a notarized certification statement attesting to the completeness and accuracy of the information submitted. Provide the following experience information for each individual seeking approval as a supervisor:~~

~~\_\_\_\_\_ Provide the project owner's name and telephone number of an owner's representative, project identification number, state, city, county, highway number and feature intersected.~~

~~\_\_\_\_\_ Provide a detailed description of the Bascule Bridge Construction experience, and the level of supervisory authority during that experience. Report the duration in weeks, as well as begin and end dates, for each experience period.~~

~~\_\_\_\_\_ Provide the name, address and telephone number of an individual that can verify that the experience being reported is accurate. This individual should have been an immediate supervisor unless the supervisor cannot be contacted in which case another individual with direct knowledge of the experience is acceptable.~~

~~**465-2.4 Qualification Requirements:** Ensure the Electrical Journeyman holds, an active journeyman electrician's license and has at least five years experience in industrial electrical work and has successfully completed the installation of one similar drawbridge electrical system during the last three years, or is a Certified Control Systems Technician. A Certified Control Systems Technician will not be permitted to perform electrical power work including, but not limited to, conduit and wire way installation or power conductor connection.~~

~~\_\_\_\_\_ Ensure the Control Systems Engineer and Mechanical Systems Engineer are licensed registered Professional Engineers with knowledge of commonly used bridge leaf motion control techniques used in Florida and are familiar with bascule bridge mechanical equipment and arrangements to be used on this project. Also they must have been in responsible control of the design and implementation of at least three drawbridge electrical control/drive systems within the past 10 years of which, at least one of the three bridges was within the last three years. Ensure that at least one of the three bridge designs incorporated the same type of leaf motion control system specified for this project.~~

~~**465-2.5 Failure to comply with Qualification Requirements:** After the project is underway, the Contractor may fail to be in compliance with the provisions of this article due to normal employee turnover. Under this circumstance, the Contractor must make an immediate "Good Faith" effort to reestablish compliance. If a Good Faith effort is not put forth, as determined by the Engineer, payment for the Movable Bridge Construction operations that require supervisors to be qualified under this provision will be withheld up to 90 days. If the Contractor is not in compliance after 90 days, regardless of how~~

~~much Good Faith effort is put forth, Movable Bridge Construction operations must cease entirely until compliance is reestablished. Meet the requirements of Section 105.~~

**MOVABLE BRIDGES – QUALIFICATION REQUIREMENTS FOR  
SUPERVISORY PERSONNEL.  
(REV 1-10-03)**

ARTICLE 465-2 (of the Supplemental Specifications) is deleted and the following substituted:

**465-2 Qualification Requirements for Supervisory Personnel.**  
Meet the requirements of Section 105.