



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

June 20, 2007

Dr. Leslie McCarthy, PhD, P.E.
Program Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: Office of Design, Specifications
Section 105
Proposed Specification: 1050509-Contractor Quality Control General Requirements

Dear Dr. McCarthy:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Contractor Quality Control General Requirements.

This change was proposed by Tom Malerk of the State Materials Office to delete certificate exemption requirements for prestressed concrete inspectors and quality control facility managers, certified as quality control inspectors.

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.

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/sh

Attachment

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

CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS.
(REV ~~4-23-075-18-075-22-07~~)

ARTICLE 105-1(of the Supplemental Specifications) is deleted and the following substituted:

105-1 General.

Certain operations require personnel with specific qualifications. Certain materials require production under an approved Quality Control (QC) Plan to ensure that these materials meet the requirements of the Contract Documents. Applicable materials are identified in 6-8. ~~Materials that are listed as exceptions in 6-8 as well as those materials that are not listed in 6-8 do not require QC documentation.~~ For all applicable materials included in the Contract, submit a QC Plan prepared in accordance with the requirements of this Section, to the Engineer. Do not incorporate any of these materials into the project prior to the Engineer's approval of the QC Plan.

SUBARTICLES 105-5.6 and 105-5.6.1 (of the Supplemental Specifications) is deleted and the following substituted:

105-5.6 Asphalt Quality Control Personnel: ~~When the Contractor has identified Option 2 Mixture Acceptance for Traffic Levels A and B, no qualified personnel are required.~~

105-5.6.1 Plant Technicians: For asphalt plant operations, provide a QC technician, qualified as a CTQP Asphalt Plant Level II technician, available at the asphalt plant at all times when producing mix for the Department. Perform all asphalt plant related testing with a CTQP Asphalt Plant Level I technician. *When the Contractor has identified Option 2 Mixture Acceptance for Traffic Levels A and B, no qualified personnel are required at the plant.*

SUBARTICLE 105-5.9 (of the Supplemental Specifications) is deleted and the following substituted:

105-5.9 Prestressed Concrete Plant-Facility Quality Control Personnel: Ensure each plant has an on site production manager, an on site Facility Manager for Quality Control, a plant engineer, and adequate on site QC inspectors/technicians to provide complete QC inspections and testing.

Ensure the Facility Manager for Quality Control has at least five years of related experience and a current PCI QC personnel Level III certification and a certificate of completion of Section 450 Specification examination. Ensure that the QC inspector/technician has current PCI QC Technician/Inspector Level II certification and a certificate of completion of Section 450 Specification examination.

Ensure that the batch plant operators of the ready mixed concrete batch plants meet the requirements of Section 9.2 of the Materials Manual. Ensure that the batch plant operators of the centrally mixed concrete plants, shall meet the requirements of 105-5.11.1.4.2 or Section 9.2 of the Materials Manual. ~~Department certified prestressed concrete inspectors are exempt from PCI Level II certification and from~~

~~completion of Section 450 Specification examination, until the time of expiration of their certificates. Facility Managers for Quality Control certified by the Department as prestressed concrete inspectors are exempt from PCI Level III certification and from completion of Section 450 Specification examination, until the time of expiration of their certificates.~~

**CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS.
(REV 5-22-07)**

ARTICLE 105-1(of the Supplemental Specifications) is deleted and the following substituted:

105-1 General.

Certain operations require personnel with specific qualifications. Certain materials require production under an approved Quality Control (QC) Plan to ensure that these materials meet the requirements of the Contract Documents. Applicable materials are identified in 6-8. For all applicable materials included in the Contract, submit a QC Plan prepared in accordance with the requirements of this Section, to the Engineer. Do not incorporate any of these materials into the project prior to the Engineer's approval of the QC Plan.

SUBARTICLES 105-5.6 and 105-5.6.1 (of the Supplemental Specifications) is deleted and the following substituted:

105-5.6 Asphalt Quality Control Personnel:

105-5.6.1 Plant Technicians: For asphalt plant operations, provide a QC technician, qualified as a CTQP Asphalt Plant Level II technician, available at the asphalt plant at all times when producing mix for the Department. Perform all asphalt plant related testing with a CTQP Asphalt Plant Level I technician. When the Contractor has identified Option 2 Mixture Acceptance for Traffic Levels A and B, no qualified personnel are required at the plant.

SUBARTICLE 105-5.9 (of the Supplemental Specifications) is deleted and the following substituted:

105-5.9 Prestressed Concrete Plant Quality Control Personnel: Ensure each plant has an on site production manager, an on site Facility Manager for Quality Control, a plant engineer, and adequate on site QC inspectors/technicians to provide complete QC inspections and testing.

Ensure the Facility Manager for Quality Control has at least five years of related experience and a current PCI QC personnel Level III certification and a certificate of completion of Section 450 Specification examination. Ensure that the QC inspector/technician has current PCI QC Technician/Inspector Level II certification and a certificate of completion of Section 450 Specification examination.

Ensure that the batch plant operators of the ready mixed concrete batch plants meet the requirements of Section 9.2 of the Materials Manual. Ensure that the batch plant operators of centrally mixed concrete plants meet the requirements of 105-5.11.1.4.2.