



Florida Department of Transportation

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GOVERNOR

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Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

March 13, 2009

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

Re: Office of Design, Specifications
Section 105
Proposed Specification: 1050304.D01, Quality Control General Requirements

Dear Ms. Gourdine:

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

These changes were proposed by Tom Malerk of the State Materials Office to accept certification programs from agencies in addition to PCI for precast prestressed concrete facilities. Please review and transmit your comments, if any, within four 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 414-4110.

Sincerely,

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

RP/dr

Attachment

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

QUALITY CONTROL GENERAL REQUIREMENTS.**(REV ~~3-12-09~~ ~~1-28-09~~)**

SUBARTICLE 105-3.4 (of the Supplemental Specifications) is deleted and the following substituted:

105-3.4 Prestressed Concrete Quality Control Program: Ensure that prestressed concrete plants participating in the Department's Acceptance Program are qualified.

Obtaining qualification *requires a current certification from a Department approved precast prestressed concrete will require plant certification agency and a Department Precast/Prestressed Concrete Institute (PCI) certification and an approved Quality Control Plan, developed in accordance with this meeting the requirements of this Section. The list of Department approved certification agencies is available on the website of the State Materials Office.*

SUBARTICLE 105-8.9 (of the Supplemental Specifications) is deleted and the following substituted:

105-8.9 Prestressed Concrete Plant Facility Quality Control Personnel:

Ensure each *prestressed concrete* plant has an *onsite* on-site production manager, an ~~on-site~~ *onsite Plant Quality Control* Facility Manager for QC, a *P* plant engineer, and adequate *on-site* on-site QC inspectors/technicians to provide complete QC inspections and testing.

Ensure the *Plant* Facility Manager for QC 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 on-site* centrally mixed concrete plants meet the requirements of 105-~~85~~.11.1.4.2.

SUBARTICLE 105-8.11 (of the Supplemental Specifications). The title of the Subarticle is deleted and the following substituted:

105-8.11 *Pipe and Precast Concrete* ~~Drainage Products~~ Manufacturing Facilities Quality Control Personnel:

SUBARTICLE 105-8.11.1 (of the Supplemental Specifications). The title of the Subarticle is deleted and the following substituted:

105-8.11.1 Precast Concrete *Structures*, Precast *Concrete* Box Culvert, Precast Concrete Pipe, ~~Fiber Reinforced Concrete Pipe~~, and Flexible Pipe Manufacturing Facilities Quality Control Personnel:

1050304.D01
All Jobs

QUALITY CONTROL GENERAL REQUIREMENTS.**(REV 3-12-09)**

SUBARTICLE 105-3.4 (of the Supplemental Specifications) is deleted and the following substituted:

105-3.4 Prestressed Concrete Quality Control Program: Ensure that prestressed concrete plants participating in the Department's Acceptance Program are qualified.

Obtaining qualification requires a current certification from a Department approved precast prestressed concrete plant certification agency and a Department approved Quality Control Plan, meeting the requirements of this Section. The list of Department approved certification agencies is available on the website of the State Materials Office.

SUBARTICLE 105-8.9 (of the Supplemental Specifications) is deleted and the following substituted:

105-8.9 Prestressed Concrete Plant Quality Control Personnel: Ensure each prestressed concrete plant has an onsite production manager, an onsite Plant Quality Control Manager, a Plant engineer, and adequate onsite QC inspectors/technicians to provide complete QC inspections and testing.

Ensure the Plant Manager for QC 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 onsite centrally mixed concrete plants meet the requirements of 105-8.11.1.4.2.

SUBARTICLE 105-8.11 (of the Supplemental Specifications). The title of the Subarticle is deleted and the following substituted:

105-8.11 Pipe and Precast Concrete Products Manufacturing Facilities Quality Control Personnel:

SUBARTICLE 105-8.11.1 (of the Supplemental Specifications). The title of the Subarticle is deleted and the following substituted:

105-8.11.1 Precast Concrete Drainage Structures, Precast Concrete Box Culvert, Precast Concrete Pipe, and Flexible Pipe Manufacturing Facilities Quality Control Personnel: