

ORINATION FORM

Proposed Revisions to the Specifications

(Please provide all information - incomplete forms will be returned)

Date:

Office:

Originator:

Specification Section:

Telephone:

Article/Subarticle:

email:

Associated Section(s) Revisions:

Will the proposed revision require changes to:

Publication	Yes	No	Office Staff Contacted
Standard Plans Index			
Traffic Engineering Manual			
FDOT Design Manual			
Construction Project Administration Manual			
Basis of Estimate/Pay Items			
Structures Design Guidelines			
Approved Product List			
Materials Manual			
Maintenance Specs			

Will this revision necessitate any of the following:

Design Bulletin

Construction Bulletin

Estimates Bulletin

Materials Bulletin

Have all references to internal and external publications in this Section been verified for accuracy?

Synopsis: Summarize the changes:

Justification: Why does the existing language need to be changed?

Do the changes affect either of the following types of specifications (Hover over type to go to site.):

Special Provisions

Developmental Specifications

List Specifications Affected: (ex. SP3270301, Dev330TL, Dev334TL etc.)

Contact the State Specifications Office for assistance in completing this form.

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CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS (REV 6-16-22)

SUBARTICLE 105-4.4 is deleted and the following substituted:

105-4.4 Compliance with the Materials Manual:

Producers of Polymer Slurry shall meet the requirements of Section 2.4, Volume II of the Department's Materials Manual, which may be viewed at the following URL:
<https://www.fdot.gov/programmanagement/implemented/URLinSpecs/Section24V2.shtm>.

Producers of Asphalt Binder shall meet the requirements of Section 3.5, Volume II of the Department's Materials Manual, which may be viewed at the following URL:
<https://www.fdot.gov/programmanagement/implemented/URLinspecs/Section35V2.shtm>.

Producers of Flexible Pipe shall meet the requirements of Section 6.1, Volume II of the Department's Materials Manual, which may be viewed at the following URL:
<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section61V2.shtm>.

Producers of Precast Concrete Pipe shall meet the requirements of Section 6.2, Volume II of the Department's Materials Manual, which may be viewed at the following URL:
<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section62V2.shtm>.

Producers of Precast Concrete Drainage Structures shall meet the requirements of Section 6.3, Volume II of the Department's Materials Manual, which may be viewed at the following URL:
<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section63V2.shtm>.

Producers of Precast Prestressed Concrete Products shall meet the requirements of Sections 8.1 and 8.3, Volume II of the Department's Materials Manual, which may be viewed at the following URLs:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section81V2.shtm>.

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section83V2.shtm>.

Producers of Precast Prestressed Concrete Products using Self Consolidating Concrete shall meet the requirements of Section 8.4, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section84V2.shtm>.

Error! Hyperlink reference not valid. Producers of Precast/Prestressed Concrete Products using Flowing Concrete shall meet the requirements of Section 8.6, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section86V2.shtm>.

Producers of Incidental Precast/Prestressed Concrete Products shall meet the requirements of Section 8.2, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section82V2.shtm>.

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section82V2.shtm>.

Producers of Portland Cement Concrete shall meet the requirements of Section 9.2, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section92V2.shtm>.

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Producers of Paving Concrete produced by Central Mix Plants shall meet the

requirements of Section 9.3, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section93V2.shtm>.

Producers of Structural Steel and Miscellaneous Metal Components shall meet the requirements of Sections 11.1, 11.2, 11.3, 11.4, 11.5 and 11.6 of the Department's Materials Manual, which may be viewed at the following URLs:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section111V2.shtm>.

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section112V2.shtm>.

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section113V2.shtm>.

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section114V2.shtm>.

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section115V2.shtm>.

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section116V2.shtm>.

Producers of Fiber Reinforced Polymer Composites shall meet the requirements of Section 12-1, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section121V2.shtm>.

SUBARTICLE 105-8.7.3 is deleted and the following substituted:

105-8.7.3 Qualified Testing Technicians: Ensure that the testing technicians have the following certifications, as appropriate:

1. ACI Concrete Field Testing Technician Grade I, for personnel performing concrete plastic property tests and ACI Self-Consolidating Concrete Testing Technician if testing self-consolidating concrete (SCC).

2. ACI Concrete Strength Testing Technician, for personnel performing tests on hardened properties of concrete.

SUBARTICLE 105-8.8 is deleted and the following substituted:

105-8.8 Prestressed Concrete Plant Quality Control (QC) Personnel: Obtain personnel certifications from Department accredited training providers. The list of Department approved courses and their accredited providers is available on the SMO website at the following URL:<https://www.fdot.gov/materials/administration/resources/training/structural/concrete-prestressed.shtm>.

Ensure each prestressed concrete plant has an onsite production manager, an onsite plant QC manager, a plant engineer, and adequate onsite ~~QC inspectors/technicians~~ **QC testing personnel** to provide complete QC inspections and testing.

105-8.8.1 Plant QC Manager: Ensure the plant **QC** manager ~~for QC~~ has at least five years of related experience and the following certifications:

1. ACI Concrete Field Testing Technician Grade I certification.

2. PCI QC Personnel Certification Level III.

3. **CTQP Prestressed Concrete Field Inspector/Technician** ~~certificate. Certificate of completion of Section 450 Specification examination~~

105-8.8.2 QC Inspector/Technician: Ensure that the QC inspector/technician has the following certifications:

1. ACI Concrete Field Testing Technician Grade I certification.
2. PCI QC Personnel Certification Level II.
3. CTQP Prestressed Concrete Field Inspector/Technician

certificate ~~Certificate of completion of Section 450 Specification examination.~~

~~**105-8.8.3 QC Concrete Central Mix Testing Technician:** **4 Additional Requirements for Quality Control (QC) Personnel of Prestressed Manufacturing Facilities:**~~

~~**105-8.8.1.1 Testing Personnel:** Ensure that QC testing personnel technicians meet the requirement of 105-8.7.3.~~

~~**105-8.8.4.2 Batch Plant Operator:** Ensure that the batch plant operator meets the requirement of 105-8.7.4.~~