



## *Florida Department of Transportation*

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605 Suwannee Street  
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JARED W. PERDUE, P.E.  
SECRETARY

August 14, 2025

Daniel Holt, PE, PTOE  
Director, Project Delivery  
Director, Technical Services  
FHWA  
400 West Washington Street, Suite 4200  
Orlando, FL 32801

Re: State Specifications Office  
Section **105**  
Proposed Specification: **1050404MM11.1V2 Contractor Quality Control General Requirements**

Dear Mr. Holt:

We are sending you proposed revisions, dated May 21, 2025, to the Materials Manual for Section 11.1, Volume II, Fabrication and Manufacturing of Structural Metal, Metal Components and Protective Coatings Quality Control Program. These revisions were proposed by the State Materials Office.

**Use the temporary link in the attached document to access the redlined version and provide comments.**

Please review and transmit your comments, if any, within two weeks (10 business days). Comments should be sent via email to [daniel.strickland@dot.state.fl.us](mailto:daniel.strickland@dot.state.fl.us).

If you have any questions relating to this specification change, please call me at (850) 414-4130.

Sincerely,

Signature on file

Daniel Strickland, P.E.  
State Specifications Engineer

DS/jb



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Attachment

cc: Florida Transportation Builders' Assoc.  
State Construction Engineer

## CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS (REV 5-21-25)

SUBARTICLE 105-1.2.3 is deleted and the following substituted:

**105-1.2.3 Notification of Placing Order:** Order materials sufficiently in advance of their incorporation in the work to allow time for sampling, testing and inspection. Notify the Engineer prior to placing orders for materials.

Submit to the Engineer a fabrication schedule for all items requiring commercial inspection at least 30 days before beginning fabrication. These ~~items include steel bridge components, moveable bridge components, pedestrian bridges, castings, forgings, structures erected either partially or completely over the travelled roadway or mounted on bridges as overhead traffic signs (some of these may be further classified as cantilevered, overhead trusses, or monotubes)~~ include items listed in Table 4 of Materials Manual Section 11.1 Volume II or any other item identified as ~~an item~~ requiring commercial inspection in the Contract Documents.

ARTICLE 105-3 is deleted and the following substituted:

### **105-3 Quality Control Program.**

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 include hot mix asphalt, portland cement concrete (structural), earthwork, cementitious materials, timber, steel and miscellaneous metals, galvanized metal products, prestressed and/or precast concrete products, drainage products, and fiber reinforced polymer products. 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.

~~Steel and Miscellaneous Metal products, including aluminum, are defined as the metal components of bridges, including pedestrian and moveable bridges, overhead and cantilevered sign supports, ladders and platforms, bearings, end wall grates, roadway gratings, drainage items, expansion joints, roadway decking, shear connectors, handrails, galvanized products, fencing, guardrail, light poles, high mast light poles, standard mast arm assemblies and Monotube assemblies, stay in place forms, casing pipe, strain poles, fasteners, connectors and other hardware.~~ Steel and Miscellaneous Metal products are defined in Table 1 of Materials Manual Section 11.1 Volume II.

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 Emulsion shall meet the requirements of Section 3.4 Volume II of the Department's Materials Manual, which may be viewed at the following URL:  
<https://www.fdot.gov/programmanagement/implemented/URLinspecs/Section34V2.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>

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>.

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>.

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>.

Specialty Engineers preparing, submitting, and implementing Mass Concrete Control Plans shall meet the requirements of Section 9.4 Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<https://www.fdot.gov/programmanagement/Implemented/URLinspecs/Section94V2.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 **Volume II**, which may be viewed at the following URLs:

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

[https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/specifications/by-year/fy-2026-27/review/materials-manual/section111v2-726redln.pdf?sfvrsn=66808b4f\\_1](https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/specifications/by-year/fy-2026-27/review/materials-manual/section111v2-726redln.pdf?sfvrsn=66808b4f_1).

<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>.