

# Origination Form

## Specifications

<b>Name:</b>	Adrian Steele	<b>Standard Specification Section:</b>	1050404MM111V2
<b>Email:</b>	adrian.steele@dot.state.fl.us	<b>Special Provision:</b>	
<b>Date:</b>	2025-05-21T14:48:29Z	<b>Associated Specs:</b>	None

### Summary:

The inaccurate list is removed and replaced with a reference to the Materials Manual Section 11.1 Volume II. In the future, if the commercial inspection program evolves, we will not need to update this part of the specification.

### Justification:

The existing language is listing the steel products that require commercial inspections. However, this list is not up to date and accurate. A reference to the Materials Manual Section 11.1 Volume II is added for the most up to date version of the list.

### Do the changes affect other types of specifications?

Neither

### List Specifications Affected:

Other Affected Documents/Offices	Contacted	Yes/No
Other Standard Plans		No
Florida Design Manual		No
Structures Manual		No
Basis of Estimates Manual		No
Approved Product List		No
Construction Office		No
Maintenance Office		No
Materials Manual	Cristina Croft	Yes
Traffic Engineering Manual		No

**Are changes in line with promoting and making progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?**

This update is fixing an outdated section of the specification ensuring proper scoping of the commercial inspection program.

**What financial impact does the change have; project costs, pay item structure, or consultant fees?**

N/A

**What impact does the change have on production or construction schedules?**

N/A

**How does this change improve efficiency or quality?**

This will eliminate future efforts of updating the commercially inspected elements list in multiple documentations saving the office staff time, while ensuring consistency.

**Which FDOT offices does the change impact?**

N/A

**What is the impact to districts with this change?**

N/A

**Does the change shift risk and to who?**

N/A

**Provide summary and resolution of any outstanding comments from the districts or industry.**

Comments and Responses are available on the Track the Status of Revisions hyperlink located on the Specifications landing page: <https://www.fdot.gov/programmanagement/Specs.shtm>

**What is the communication plan?**

Through the established specification revision process (e.g., Internal and Industry Review)

**What is the schedule for implementation?**

The Standard Specifications eBook and Workbook are effective July 1st every year.

## 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>