

# Origination Form

## Specifications

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<b>Date:</b>	2025-06-11T19:06:18Z	<b>Associated Specs:</b>	

### Summary:

Materials Manual Chapter 1.1, Volume 2 is a new Section and is a revision of the Construction Aggregates Manual filling gaps that exist since the last publication.

### Justification:

The current requirements of the Construction Aggregates Manual in Rule Chapter 14-103 , FAC have been revised and will be published in a new Section 1.1, Volume 2 of the Materials Manual. Rule making will be required to include a change to the updated website location and update references to the Sections in the Materials Manual Volume 2 Construction Aggregates. This change is for alignment and consistency with other materials such as Concrete. It was necessary to revise Section 105 to include Materials Manual Section 1.1 Volume II for aggregate producers compliance with the Materials Manual.

### 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	Crisitina Croft	Yes

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

Improved compliance methods for aggregates for asphalt, streamlined Rail sampling frequencies, innovative expedited approval process for Riprap/Coastal Protection Stone.

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

Potential savings to project costs by streamlining aggregate producer compliance.

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

Prevents schedule delays by lowering risk of disrupting aggregate shipments.

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

Improves efficiency by simplifying aggregate approval process.

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

Materials and Construction.

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

Eases District workload and simplifies monitoring Quality Assurance.

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

No anticipated changes to risk.

**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.shtml>

**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

SUBARTICLE 105-4.2.1 is deleted and the following substituted:

**105-4.2.1 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, Aggregate, and Fiber Reinforced Polymer Products Quality Control Program:** Have an accepted Producer Quality Control Program, developed in accordance with this Section, during the production of materials to be used on Department projects.

SUBARTICLE 105-4.4 is deleted and the following substituted:

### **105-4.4 Compliance with the Materials Manual:**

Producers of Aggregates shall meet the requirements of Section 1.1, Volume II of the Department's Materials Manual, which may be viewed at the following URL:  
[https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/specifications/by-year/fy-2026-27/review/materials-manual/section11v2-726redln.pdf?sfvrsn=a7e874f9\\_1](https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/specifications/by-year/fy-2026-27/review/materials-manual/section11v2-726redln.pdf?sfvrsn=a7e874f9_1).

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, 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>

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