

Origination Form

Specifications

Submittal Information			
Name:	Oliver Chung	Standard Specification Section:	105
Email:	oliver.chung@dot.state.fl.us	Special Provision:	
Date:	2026-05-11T14:52:54Z	Associated Specs:	N/A

Summary:

There is no Spec 105 change. This is a Materials Manual Section 11.1 Volume 2 change. Replaced the Florida Methods with appropriate national standards.

Justification:

Change is necessary to provide clearer guidance to the specification users, and improve the efficiency of project delivery.

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

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

By using the national standards and code and streamline the specifications and materials manual, it will improve the efficiency of department project delivery.

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?

Improve the efficiency by updating the latest requirements and adopting the department research implementations.

How does this change improve efficiency or quality?

By using the national standards and code and streamline the specifications and materials manual, it will improve the efficiency of department project delivery.

Which FDOT offices does the change impact?

State Materials Office.

What is the impact to districts with this change?

Positive impact by updating the requirement with the latest ASTM requirements.

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/specifications/default.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 5-11-26)

SUBARTICLE 105-4.4 is deleted and the following substituted:

105-4.4 Compliance with the Materials Manual:

The Department's Materials Manuals can be viewed at the following URL: <https://www.fdot.gov/specifications/material-manual>. Revisions to the Materials Manuals can be found at the following temporary URL <https://www.fdot.gov/specifications/history-of-revisions/mm-revisions>.

Producers of Polymer Slurry shall meet the requirements of Section 2.4, Volume II of the Department's Materials Manual.

Producers of Asphalt Emulsion shall meet the requirements of Section 3.4 Volume II of the Department's Materials Manual.

Producers of Asphalt Binder shall meet the requirements of Section 3.5, Volume II of the Department's Materials Manual.

Producers of Flexible Pipe shall meet the requirements of Section 6.1, Volume II of the Department's Materials Manual.

Producers of Precast Concrete Pipe shall meet the requirements of Section 6.2, Volume II of the Department's Materials Manual.

Producers of Precast Concrete Drainage Structures shall meet the requirements of Section 6.3, Volume II of the Department's Materials Manual.

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.

Producers of Incidental Precast/Prestressed Concrete Products shall meet the requirements of Section 8.2, Volume II of the Department's Materials Manual.

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.

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.

Producers of Portland Cement Concrete shall meet the requirements of Section 9.2, Volume II of the Department's Materials Manual.

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.

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.

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, Volume II of the Department's Materials Manual.

Producers of Fiber Reinforced Polymer Composites shall meet the requirements of Section 12.1, Volume II of the Department's Materials Manual.