

Origination Form

Specifications

Submittal Information			
Name:	Mateo Carvajal	Standard Specification Section:	105
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Date:	2026-06-23T11:33:05Z	Associated Specs:	520

Summary:

There is no Spec changes in Spec 105. This is for Materials Manual Section 8.2 Volume 2. Added an exception: bumper guards shall comply with the requirements specified in FDOT Specifications Section 347. This exception applies to the Incidental Precast section and redirects these elements away from Section 346 structural concrete requirements.

Justification:

To align with the proposed changes to FDOT Specification Section 520, which adds concrete bumper guards. The proposed new language clarifies that elements within that section may be made with non-structural concrete per Section 347.

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		No
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?

The proposed new language clarifies that elements within FDOT Specification Section 520 may be made with non-structural concrete.

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?

N/A

Which FDOT offices does the change impact?

Clarifies the required concrete type for use in bumper guards.

What is the impact to districts with this change?

Provides clarification regarding what type of concrete shall be used for.

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 6-23-26)

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.