

Origination Form

Specifications

Submittal Information			
Name:	Julia Cooper	Standard Specification Section:	709
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Date:	2026-06-04T20:47:53Z	Associated Specs:	N/A

Summary:

All lines stating the Engineer will take random samples of all material in accordance with the Department's Sampling, Testing and Reporting Guide schedule or equivalent have been removed.

Justification:

The update is necessary to ensure procedural accuracy and prevent confusion. Since the Random Sampling Program under Materials Manual 5.10 has been retired and its functions integrated into the Product Evaluation process, retaining this language could misrepresent current practice and create inconsistencies in application or interpretation.

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?

N/A

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?

Efficiency is improved by eliminating the need for project personnel to consult the STRG for routine random sampling, which previously occurred on every project in some cases and resulted in unnecessary oversampling without added value.

Which FDOT offices does the change impact?

State Materials Office

What is the impact to districts with this change?

N/A

Does the change shift risk and to who?

Eliminating project random sampling reduces field verification of as-installed material and shifts reliance to manufacturer requalification. The risk of nonconforming materials could go undetected in actual use, which is generally considered a low but no longer independently verified 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/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.

**TWO REACTIVE COMPONENTS PAVEMENT MARKINGS
(REV 6-4-26)**

ARTICLE 709-2 is deleted and the following substituted:

709-2 Materials.

~~Use only materials listed on the Department's Approved Product List (APL) as an approved system and meeting~~ **Meet** the following requirements:

Two Reactive Components* 971-1 and 971-8

Retroreflective Elements* 971-1.7

Glass Spheres* 971-1 and 971-2

*** Use only materials listed on the Department's Approved Product List (APL) as an approved system and Use only retroreflective elements or glass spheres recommended by the manufacturer.**

~~The Engineer will take random samples of the materials in accordance with the Department's Sampling, Testing and Reporting Guide schedule.~~