

Origination Form

Specifications

| Submittal Information | | | |
|-----------------------|------------------------------|--|-----|
| Name: | Julia Cooper | Standard Specification Section: | 523 |
| Email: | julia.cooper@dot.state.fl.us | Special Provision: | |
| Date: | 2026-05-11T12:45:16Z | 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 | Karen Byram | Yes |
| 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?

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.

**PATTERNED PAVEMENT
(REV 5-11-26)**

ARTICLE 523-2 is deleted and the following substituted:

523-2 Materials.

Meet the following requirements:

Patterned Pavement Products* 974-3

*Use products listed on the Department's Approved Product List (APL).

Prior to installation, submit pattern and color samples to the Engineer for confirmation that the product meets the pattern and color specified in the Plans. Do not begin installation until acceptance by the Engineer.

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

523-3 Construction Requirements.

Install patterned pavement on asphalt or concrete locations with the color and pattern as specified in the Plans. Prepare the surface and install patterned pavement in accordance with the manufacturer's installation instructions, using materials and equipment recommended and approved by the manufacturer.

Install overlay products to a thickness not exceeding 180 mils.

Patterns and variations within the installation shall comply with ADA requirements.

Complete all utility, traffic loop detector, and other items requiring a cut and installation under the finished surface, prior to product installation.

Protect treated surfaces from traffic and environmental effects until the product is completely installed, including drying and curing according to the manufacturer's instructions.

For installation on new asphalt roadways, apply patterned pavement a minimum of 14 days after placement of the adjacent pavement.

Patterned pavements shall be weather resistant, friction resistant, and through normal wear, shall show no signs of failure due to tearing, stretching, rollback, blistering, excessive cracking, chipping, discoloration, poor adhesion to the pavement, pavement damage, or vehicular damage.

Upon completion of the installation, the Engineer will check the area at random locations for geometric accuracy. If any of the chosen areas are found to be deficient, correct the entire patterned area at no additional cost to the Department.

523-4 Method of Measurement.

The quantity to be paid will be the plan quantity in square yards of patterned pavement, completed and accepted. No deduction will be made for areas occupied by landscaping, manholes, inlets, drainage structures, or by any public utility appurtenances within the area.

523-5 Basis of Payment.

Price and payment will be full compensation for all work specified in this Section.

Payment will be made under:

Item No. 523- 3- Patterned Pavement - per square yard.