

Origination Form

Specifications

Name:	Melissa Hollis	Specification Number:	523-2, 523-3
Email:	Melissa.Hollis@dot.state.fl.us	Associated Specs:	None
Date:	2024-05-22T16:13:49Z	Verified:	VERIFIED

Summary:

523-2: Added APL/BABA formatting to materials article. 523-3: Removed certification; all manufacturer's certifications are submitted through the APL. Installation compliance does not need a separate certification.

Justification:

APL/BABA changes are to help with compliance of Federal rules.

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

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

APL/BABA formatting changes help to ensure compliance with Federal rules.

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

None.

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

None.

How does this change improve efficiency or quality?

APL/BABA format changes help Construction Engineer/CEI to verify spec and BABA compliance.

Which FDOT offices does the change impact?

Product Evaluation- no change to existing products.

What is the impact to districts with this change?

None.

Does the change shift risk and to who?

None.

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.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 5-22-24)

ARTICLE 523-2 is deleted and the following substituted:

523-2 Materials.

Meet the following requirements:

Patterned Pavement Products* 947-3

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

~~Use patterned pavement products listed on the Department's Approved Product List (APL) meeting the requirements of Section 974.~~

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.

ARTICLE 523-3 is deleted and the following substituted:

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.

~~Submit certification to the engineer, including the APL number and that the patterned pavement was installed in accordance with the manufacturer's installation instructions and this Section.~~