

Origination Form

Specifications

Name:	Melissa Hollis	Specification Number:	514-2, 514-4
Email:	Melissa.Hollis@dot.state.fl.us	Associated Specs:	None
Date:	2024-06-17T13:44:22Z	Verified:	VERIFIED

Summary:

514-2: APL/BABA formatting 514-4: Updated submittal requirement, to be consistent for all geotextile materials.

Justification:

APL/BABA changes are intended to help with compliance with Federal rules. Submittal requirements are to help ensure that the correct product(s) are installed.

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		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?

APL/BABA 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 formatting changes assist the inspector with identifying approved products.

Which FDOT offices does the change impact?

Product Evaluation

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.

**GEOSYNTHETIC FOR DRAINAGE APPLICATIONS
(REV 6-17-24)**

ARTICLE 514-2 is deleted and the following substituted:

514-2 Material.

Meet the following requirements:

Geosynthetic materials*Section 985

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

Maintain the packaging requirements, as specified in Section 985*, until accepted at the project site. ~~Use geosynthetic materials meeting the requirements of Section 985 and listed on the Approved Product List (APL). Ensure the geosynthetic materials received at the job site are in unopened shipping packages and the packages are clearly labeled with the manufacturer's name, product name, style number, roll dimension and LOT number, otherwise, the Engineer will reject the material.~~ Store geosynthetic materials in accordance with the manufacturer's instructions ensuring to protect the geosynthetic material from physical damage, debris, and temperatures greater than 140° F. Prevent mud, fluid concrete, asphalt, or other deleterious materials from coming in contact with the geosynthetic materials that could impact the performance of the geosynthetic material. Replace geosynthetic materials with defects, tears, punctures, flaws, deterioration, or other damage at no additional cost to the Department.

ARTICLE 514-4 is deleted and the following substituted:

514-4 Acceptance Criteria.

Submit to the Engineer ~~the product label with the manufacturer's name, product name, style number, roll dimension and LOT number~~ at least fourteen days prior to placement a certification from the manufacturer confirming that the material is appropriate for the intended use. The manufacturer's certification shall be attested to within the past one year by a person having legal authority to bind the manufacturing company, and must include the project number, APL product number, LOT number, and product name. In addition, provide two 8-inch by 10-inch samples of geosynthetic materials for product identification to the Engineer. The acceptance of the geosynthetic material is subject to the approval of the State Materials Office (SMO).