

# Origination Form

## Specifications

| Submittal Information |                             |                                        |              |
|-----------------------|-----------------------------|----------------------------------------|--------------|
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| <b>Date:</b>          | 2026-06-29T17:42:14Z        | <b>Associated Specs:</b>               | 415, and 972 |

### Summary:

The requirement to provide APL numbers to the Project Engineer has been added to track the APL numbers used on the project. This language has been added to Section 6. Florida Statue Section 336.044 establishes the FDOT authority and guidelines for using recyclable materials in road construction and encourages sustainable practices. The Florida Statute language has been included in Section 6. Section 972 has been deleted. Section 415 has been modified.

### Justification:

FDOT is using the APL to document the domestic compliance with Buy America requirements. The APL numbers are used to confirm domestic compliance with Buy America and for project product and material certification. S972 contains specific requirements for the acceptance requirements of recycled plastic. Specification 972 does not match the requirements of Florida Statue Section 336.044 which establishes the FDOT authority and guidelines for using recyclable materials in road construction and encourages sustainable practices. The Florida Statute language has been moved to Section 6 and deleted from Section 972. Section 415 has one product type that still references S972; that reference has been removed.

### 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     |

|                                   |  |    |
|-----------------------------------|--|----|
| <b>Approved Product List</b>      |  | No |
| <b>Construction Office</b>        |  | No |
| <b>Maintenance Office</b>         |  | No |
| <b>Materials Manual</b>           |  | No |
| <b>Traffic Engineering Manual</b> |  | No |

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

Specification 972 does not match the requirements of Florida Statue Section 336.044 which establishes the FDOT authority and guidelines for using recyclable materials in road construction and encourages sustainable practices. The Florida Statute language has been moved to Section 6 and deleted from Section 972.

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

None. There are no anticipated cost or availability changes expected from this change.

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

None.

**How does this change improve efficiency or quality?**

This places the FDOT in general compliance with F.S. 336.044

**Which FDOT offices does the change impact?**

The Design Specifications Section is making a process change to include the specification review requirements of F.S. 366.044.

**What is the impact to districts with this change?**

None

**Does the change shift risk and to who?**

The risks associated with the F.S. 336.044 compliance will be reduced because it is directly referenced in the Standard Specifications. The Specifications section is responsible to ensure period reviews of specifications are completed to ensure compliance.

**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.

## CONTROL OF MATERIALS (REV 6-29-26)

SUBARTICLE 6-1.3.1.1 is deleted and the following substituted:

**6-1.3.1.1 Approved Product List:** This list provides assurance to Contractors, consultants, designers, and Department personnel that specific products and materials are approved for use on Department facilities. The Department will limit the Contractor's use of products and materials that require use of APL items to those listed on the APL effective at the time of placement. Submit the APL numbers for all products and materials to be used on the project no later than the day the product or material is installed, or in accordance with these Specifications. Where the terms Qualified Products List (QPL) appear in the Contract Documents, they will be synonymous with Approved Product List (APL).

Manufacturers seeking to have a product evaluated for the APL must submit an application, available on the Department's website at the following URL: <https://www.fdot.gov/programmanagement/ProductEvaluation/Default.shtm>. ~~Applications must include the following~~ Submit supporting documentation: in accordance with these Specifications, and meeting the requirement in Table 6-1.

~~1. Supporting documentation as required by the Specifications, Standard Plans, and APL approval process and the documentation must meeting the requirements in of Table 6-1. A sample may be requested to verify the product, in accordance with the specifications.~~

~~2. A photograph displaying the product as shipped with packaging.~~

~~3. A list displaying all components within the shipped packaging, if applicable.~~

~~4. Installation instructions and materials, if applicable.~~

~~5. Product packaging or product labels as required by the Specifications.~~

~~6. Construction material percentages and country source of materials.~~

~~7. Last two manufacturing steps and country of manufacture.~~

~~8. Manufacturer name and material designation (product name, product model/part number/style number, etc.) must be as identified on the product, product packaging, and product labels.~~

~~9. Applications must be signed by a legally responsible person employed by the manufacturer of the product.~~ Products that have successfully completed the Department's evaluation process and meet all applicable specification requirements are eligible for inclusion on the APL.

~~Required test reports must be conducted by an independent laboratory or other independent testing facility. Required drawings and calculations must be signed and sealed by a Professional Engineer licensed in the State of Florida.~~

| <p align="center"><u>Table 6-1</u><br/><u>Requirements for Supporting Documentation</u></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Documentation</u>                                                                        | <u>Requirements</u>                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <u>Product Photo</u>                                                                        | <u>Provide product photos that display the significant features of the product. Provide photos for all manufacturer-supplied installation materials. -The name on the product label must match the product name on the APL.</u>                                                                                                                                                                                                                    |
| <u>Technical Data Sheet</u>                                                                 | <u>Provide product literature that uniquely identifies the product and includes product specifications, storage instructions, and recommended installation materials and equipment as applicable. The product name on the literature must match the product name on the APL.</u>                                                                                                                                                                   |
| <u>Product Label and Packaging</u>                                                          | <u>Provide label and packaging photos for each component of the product system. Provide label and packaging photos for all manufacturer-supplied installation materials. Manufacturer name and material designation (product name, product model/part number/style number, etc.) must be identified on the product, product packaging, and product labels. The product name on the label and packaging must match the product name on the APL.</u> |
| <u>Independent Laboratory Test Report</u>                                                   | <u>Provide independent testing reports conducted in accordance with the specification requirements. Laboratories used for testing must be independent from the manufacturer unless otherwise stated in the specification. Product and material must be representative of ongoing production process and rate. The product name on the test report must match the product name on the APL.</u>                                                      |
| <u>Drawings and Calculations</u>                                                            | <u>Provide drawings and calculations in accordance with the specifications. Drawings and calculations must be signed and sealed by a Professional Engineer licensed in the State of Florida. The product name on the drawings and calculations must match the product name on the APL.</u>                                                                                                                                                         |
| <u>Installation Instructions, Manufacturer's Instructions</u>                               | <u>Provide installation instructions in accordance with the specifications. Installation instructions must identify all materials necessary for installation. The product name on the installation instructions must match the product name on the APL.</u>                                                                                                                                                                                        |
| <u>Sample</u>                                                                               | <u>A sample may be requested to verify the product, in accordance with the specifications. Samples submitted must be from current production and must be representative of ongoing production process and rate. Do not send samples until requested by the Department.</u>                                                                                                                                                                         |

~~Products that have successfully completed the Department's evaluation process are eligible for inclusion on the APL.~~ Manufacturers are required to submit requests to the Department for approval of any modifications or alterations made to a product listed on the APL. This requirement includes, but is not limited to, manufacturer product and contact information, design, raw materials, formulations, or manufacturing process esmodifications. Modification or alteration requests must be submitted along with supporting

documentation that the product continues to meet Section 6, the Specification, or Standard Plans requirements. A product sample and additional product testing and documentation may be required for the modification evaluation. Any marked variations from original test values, failure to notify the Department of any modifications or alterations, or any evidence of inadequate performance of a product may result in removal of the product from the APL.

Manufacturers are periodically required to requalify their APL products and submit requalification requests to the Department to maintain their products on the APL. Manufacturers seeking to have a product requalified for the APL must submit an application, available on the Department's website at the following URL: <https://www.fdot.gov/materials/productevaluation/default.shtm>. Manufacturer requalification requests for each APL product must be submitted on or before the product's original approval anniversary.~~Manufacturers must submit supporting documentation to the Department for a periodic review and re-approval of their APL products on or before the product's original approval anniversary.~~ APL products that are not ~~re-approved~~ requalified may be removed from the APL. Documentation requirements for the product ~~review and re-approval~~ requalification, including schedule and criteria, are available on the Department's website at the following URL: <https://www.fdot.gov/programmanagement/ProductEvaluation/Default.shtm>. <https://www.fdot.gov/materials/productevaluation/default.shtm>

SUBARTICLE 6-5.2 is deleted and the following substituted:

**6-5.2 Source of Supply:** Comply with 2 CFR 184 and ~~2 CFR 200.322~~ 23 CFR 635.410, which includes the Buy America Sourcing Preferences of the Build America, Buy America Act (BABA). ~~Domestic e~~ Compliance for all affected products will be listed on the APL.

**6-5.2.1 Steel and Iron:** Use steel and iron manufactured in the United States, in accordance with the Buy America provisions of 23 CFR 635.410, as amended. Ensure that all manufacturing processes for this material occur in the United States. As used in this specification, a manufacturing process is any process that modifies the chemical content, physical shape or size, or final finish of a product, beginning with the initial melting and continuing through the final shaping and coating. If a steel or iron product is taken outside the United States for any manufacturing process, it becomes foreign source material. When using steel or iron materials as a component of any manufactured product (e.g., concrete pipe, prestressed beams, corrugated steel pipe, etc.), these same provisions apply. Foreign steel and iron may be used when the total actual cost of such foreign materials does not exceed 0.1% of the total Contract amount or \$2,500, whichever is greater. These requirements are applicable to all steel and iron materials incorporated into the finished work but are not applicable to steel and iron items that the Contractor uses but does not incorporate into the finished work. Submit a certification from the manufacturer of steel or iron, or any product containing steel or iron, stating that all steel or iron furnished or incorporated into the furnished product was produced and manufactured in the United States or a statement that the product was produced within the United States except for minimal quantities of foreign steel and iron valued at \$ (actual cost). Submit each such certification to the Engineer prior to incorporating the material or product into the project. Prior to the use of foreign steel or iron materials on a project, submit invoices to document the actual cost of such material, and obtain the Engineer's written approval prior to incorporating the material into the project.

**6-5.2.2 Manufactured Products:** Use Manufactured Products that are consumed in, incorporated into, or affixed to an infrastructure project that are manufactured in the United States, in accordance with BABA requirements and applicable waivers.

**6-5.2.3 Construction Materials:** Use non-ferrous metals, plastic and polymer-based products, glass, fiber optic cable (including drop cable), optical fiber, lumber and timber, and drywall, and engineered wood articles, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project that are manufactured in the United States, in accordance with BABA requirements.

**6-5.2.4 Exemptions to Build America, Buy America:** Temporary devices, equipment, and other items removed at or before the completion of the project are exempt from BABA funding eligibility requirements. Aggregates, cementitious materials, and aggregate binding agents or additives are classified as Section 70917(c) materials and are exempted from BABA funding eligibility requirements in accordance with 2 CFR 184.

SECTION 6 is expanded by the following:

**6-5.4 Recycled Materials:** Contractors are encouraged to use materials containing recycled content when such materials meet the performance requirements of these Specifications, in accordance with Section 336.044, Florida Statutes. Manufacturers may formulate materials according to their own specifications and are encouraged to use recycled content, provided all applicable Specifications requirements are met. The requirements delineated in these Specifications apply regardless of the formulation used.