

Origination Form

Specifications

Submittal Information			
Name:	Karen Byram	Standard Specification Section:	972
Email:	karen.byram@dot.state.fl.us	Special Provision:	
Date:	2026-06-29T18:07:07Z	Associated Specs:	6, and 415

Summary:

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 reference to S972 has been deleted.

Justification:

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 reference 972.

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?

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. The only material items affected are plastic chairs and bolsters in S415. The requirement for meeting S972 will be deleted. 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.

RECYCLED PLASTIC PRODUCTS (REV 6-29-26)

SECTION 972 is deleted.

972-1 Description.

~~Recycled plastic products shall include certified test reports from an approved independent test laboratory that shows the material meets all specifications herein and the manufacturer shall certify the following:~~

- ~~1. The source of the recycled plastic waste, including the state (FL, GA, etc.) from which the recycled plastic was obtained, and type of waste (consumer or industrial).~~
- ~~2. The total percent of recycled plastic in the final product.~~

972-2 Definitions.

~~**972-2.1 Recycled Plastic:** Those plastics composed of post-consumer material or recovered industrial material only, or both, that may or may not have been subjected to additional processing steps designed to afford products such as regrind or reprocessed or reconstituted plastics.~~

~~**972-2.2 Post-Consumer Materials:** Those products generated by a business or consumer that have served their intended end use and that have since been separated or diverted from solid waste for the purpose of collection, recycling, and re-disposition.~~

~~**972-2.3 Recovered Material:** Materials and by-products that have been recovered or diverted from solid waste, but not including those materials and by-products generated from, and commonly used within, an original manufacturing process.~~

972-3 Materials.

~~The materials used for recycled plastic products shall consist of a minimum of 70% by weight of recycled plastic. The products shall exhibit good workmanship and shall be free of burns, discoloration, contamination, and other objectionable marks or defects which affect appearance or serviceability. Only chemicals, including fillers and colorants, designed to inhibit photo degradation, biological/biochemical decomposition, insect infestation, or burning will be permitted to enhance durability. The use of sufficient additives to inhibit photo degradation over the lifetime of the product is required.~~

972-4 Sampling.

~~One additional product per 1,000, or a minimum of one per order shall be included in the order for Department testing.~~