



## Florida Department of Transportation

JEB BUSH  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

JOSÉ ABREU  
SECRETARY

December 14, 2004

Mr. Donald Davis  
Program Operations Engineer  
Federal Highway Administration  
545 John Knox Road  
Tallahassee, Florida 32303

Re: Office of Design, Specifications  
Section 972  
Proposed Specification: 9720033

Dear Mr. Davis:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Recycled Plastic Products-Materials.

This change was proposed by Jeff Pouliotte of the State Construction Office to delete the Subarticle specifying plastic chairs and bolsters, which has been relocated to Section 415.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or [duane.brautigam@dot.state.fl.us](mailto:duane.brautigam@dot.state.fl.us).

If you have any questions relating to this specification change, please call Duane F. Brautigam, State Specifications Engineer at 414-4110.

Sincerely,

Signature on file

Duane F. Brautigam, P.E.  
State Specifications Engineer

DFB/jf

Attachment

cc: General Counsel  
Florida Transportation Builders' Assoc.  
State Construction Engineer

**RECYCLED PLASTIC PRODUCTS-MATERIALS.**  
**(REV 10-19-04)**

ARTICLE 972-3 (Pages 915 and 916) is deleted and the following substituted:

**972-3 Materials.**

The materials used for recycled plastic products shall consist of a minimum of 70% by weight of recycled plastic and shall be uniform in composition throughout the product. 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 are required.

**972-3.1 Fence Posts:** The posts shall be brown, approximating tree bark, to blend with the surroundings. They shall have no cracking, chipping, flaking, peeling or splintering in the final product. The product shall contain no more than 20% voids, by weight, over its length.

**972-3.2 Delineator Posts:** The product shall contain no more than 51% voids, by weight, over its length.

~~**972-3.3 Plastic Chairs and Bolsters:** Plastic may either be reinforced or non-reinforced, but shall meet the following requirements for a working temperature range of 20 to 150°F [-7 to 65°C]:~~

Property	Requirement	Test Method
<del>Maximum Water Absorption</del>	<del>0.1%</del>	<del>ASTM D 570 (Section 7.1, using entire component)</del>

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