

## ORIGINATION FORM

**THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR** (The person who receives or originates the issue and needs to forward the issue for action.)

**Specification:** 5320201

**Subject:** Materials

**Origination date:** 2/13/2009

**Originator:** Karen Byram

**Office/Phone:** (850) 414-4353

**Problem statement:** The Section is missing the requirements of documentation to be submitted with the QPL application. This information is not contained in another Section.

**Proposed solution:** Expand this section with details.

**Information source:** Jim Mills, Roadway Design.

**Recommended Usage Note:** All jobs.

**Estimated fiscal impact, if implemented:**

**Implementation of these changes, if and when approved, will begin with the July 2009 letting.**



## *Florida Department of Transportation*

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SECRETARY

### **M E M O R A N D U M**

**DATE:** February 25, 2009

**TO:** Specification Review Distribution List

**FROM:** Rudy Powell, Jr., P.E., State Specifications Engineer

**SUBJECT:** Proposed Specification: 5230201, Patterned/Textured Pavement – Qualified Products List

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

This change was proposed by Karen Byram to specify the documentation required to be submitted with the Qualified Products List application.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at ST986RP or rudy.powell@dot.state.fl.us. Comments received after March 25, 2009 may not be considered. Your input is encouraged.

RP/dr  
Attachment

**PATTERNED/TEXTURED PAVEMENT – QUALIFIED PRODUCTS LIST.**  
**(REV 2-12-09)**

SUBARTICLE 523-2.1 (of the Supplemental Specifications) is deleted and the following substituted:

**523-2.1 Qualified Products List:** Use only patterned/textured pavement products listed on the Qualified Products List. Meet manufacturer's specifications for all pattern/texture templates, coating and coloring materials. Use only material that is delivered to the job site in sealed containers bearing the manufacturer's original labels.

Material coatings used to achieve the pattern/texture and/or color shall produce an adherent, weather resistant, skid resistant surface capable of resisting deformation to traffic. Surface marking materials must meet the requirements of this Specification and Section 971 with the following exceptions:

1. Color and reflectivity requirements do not apply. Surfaces shall not be made retroreflective.
2. Requirements for minimum set to bear traffic time, do not apply. Do not open to traffic until the coating material has sufficiently dried or cured and is ready to withstand traffic.
3. For thermoplastic materials, the requirements for alkyd based materials only in 971-5.1 and minimum binder content of 971-5.2, do not apply.
4. For thermoplastic materials, the indentation resistance requirements and minimum flashpoint requirements of 971-5.5, do not apply.

Manufacturers seeking approval *of their product* for inclusion on the QPL must submit *an* application and ~~certifications~~ in accordance with Section 6 along with the following documentation:

1. Manufacturer's specifications and procedures for materials and installation.

2. Manufacturer's ~~certification with supporting~~ *Laboratory* test data *from an independent laboratory verifying the material meets the requirements of this Section.* ~~and results~~

3. *Test data from an independent source verifying* that the patterned/textured pavement installed in accordance with the manufacturer's specifications and procedures has been tested in accordance with the ASTM E-274, Skid Resistance of Paved Surfaces using a standard ribbed full Scale Tire at a speed of 40 mph (FN40R), and has a minimum FN40R value of 35.