

## ORIGINATION FORM

Specification Section/ Article: 526  
Subject: Architectural Pavers  
Origination date: August 27, 2008  
Originator: Tom Malerk  
Phone: 352-955-6620

### Problem statement:

Currently, Section 526 requires submittal of full size samples of architectural pavers for both roadway and sidewalk for testing and approval. The architectural pavers for sidewalk are used in applications similar to non-structural concrete such as sidewalk and driveways, and these materials are not tested by the Department, but are accepted based on Contractor certification.

### Proposed solution:

This section is being revised to require samples for only the roadway pavers and not the sidewalk pavers. Acceptance of sidewalk pavers will be based on certification only. This will make the testing and acceptance of architectural pavers align with the acceptance and testing of concrete materials. A new Material ID has been added to LIMS and assigned to the Architectural Pavers (Sidewalk) pay item. Submittal of certified sieve analysis for gradation of the bedding sand and joint sand will continue to be required for both roadway and sidewalk installations.

This proposal has been reviewed with the State Construction Office.

Information source: Mike Bergin (352) 955-6666/ Susan Blazo at (352) 955-6669.

Recommended Usage Note: All contracts

### Estimated fiscal impact, if implemented:

Currently, the Department performs testing for all pavers. The revision will result in a savings to the Department related to not having to test pavers used in non-roadway applications and a slight savings to Industry for not having to provide the sample of pavers for non-roadway applications.

### **For State Specifications Office Use Only**

**Begin date:** October 6, 2008  
**File Number:** 5260301  
**Scheduled completion date:** January 3, 2009  
**Implementation date:** July 2009  
**Implementation team member:** Frances Thomas  
Usage Note: All Jobs



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

**DATE:** November 5, 2008

**TO:** Specification Review Distribution List

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

**SUBJECT:** Proposed Specification: 5260301 Architectural Pavers – Construction Methods

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

This change was proposed by Tom Malerk of the State Materials Office to require sampling for testing of roadway pavers only. Testing and acceptance of sidewalk pavers will be based on certification.

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 December 3, 2008 may not be considered. Your input is encouraged.

RP/ft  
Attachment

## ARCHITECTURAL PAVERS-CONSTRUCTION METHODS.

(REV ~~10-16-08~~11/4/08)

SUBARTICLE 526-3.1 (Pages 596 – 597) is deleted and the following substituted:

### 526-3.1 General:

**526-3.1.1 Submittals:** Prior to beginning placement, furnish to the Engineer, for approval, full size samples of ~~a~~Architectural ~~p~~Pavers - *Roadway* to indicate type, pattern, shape and color. *For Architectural Pavers - Sidewalk, provide the Engineer a certification that the architectural pavers meet the requirements of this Section. In addition, for all architectural pavers,*~~Also~~ submit a certified sieve analysis for gradation *comparing results* of the bedding sand and joint sand *with the requirements of ASTM C33 or ASTM C144 as applicable.*

**526-3.1.2 Mock-ups:** Prior to beginning placement, install a 6 by 6 foot paver area following these specifications. This area will be used to determine surcharge of the bedding material layer, joint sizes, lines, laying patterns and colors of the job. This area will be adjacent to an edge treatment, incorporated into the work, and will be the standard from which the work will be judged.

**526-3.1.3 Environmental Conditions:** Cover stockpiled materials with waterproof covering to prevent exposure to rainfall. Do not install bedding materials or architectural pavers during heavy rains or over wet substrata.