

Origination Form

Specifications

Submittal Information			
Name:	Oliver Chung	Standard Specification Section:	932
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Date:	2026-05-18T20:54:57Z	Associated Specs:	N/A

Summary:

Adopting AASHTO M251 instead of maintaining FM 5-598 and therefore allowing more laboratories to perform the testing.

Justification:

1. Adopting AASHTO M251 instead of maintaining FM 5-598. 2. Only two laboratories are qualified for this (both out of state) based on FM5-598, most of laboratories are qualified to perform AASHTO M251.

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

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

N/A

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

N/A

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

Having more laboratories that could perform the required test will improve the construction schedules.

How does this change improve efficiency or quality?

Improve efficiency by providing more certified laboratories to ensure materials quality.

Which FDOT offices does the change impact?

State Materials Office

What is the impact to districts with this change?

Positive impact, the materials testing will not just depend on the two laboratories out of state.

Does the change shift risk and to who?

N/A

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.

**NONMETALLIC ACCESSORY MATERIALS
FOR CONCRETE PAVEMENT AND CONCRETE STRUCTURES
(REV 5-18-26)**

SUBARTICLE 932-4.5 is deleted and the following is substituted:

932-4.5 Sampling: A sampling LOT shall consist of a maximum of 100 bearing pads of a single type of bearing (plain or steel laminated), of the same design, materials, thickness, and manufacturer, referred to here as “like pads”, delivered to the project site or to an offsite storage facility within the State of Florida in reasonable proximity to the project site as determined by the Engineer. Organize stockpiled pads into groups of like pads by LOT so that they can be readily identified and sampled by the Engineer.

When the total number of like pads, as defined in 932-4, consists of a LOT of 10 or less, sampling is not required, and acceptance is by certification, as stated in 932-4.7.

For LOT sizes of like pads that exceed 10, two bearing pads per LOT will be selected by the Engineer, one for testing and one for verification in the event of a failing test result. LOT's will be sampled only after all like pads in the LOT are at the project site or in an offsite storage facility. Samples shall consist of complete pads as detailed in the Plans. Furnish additional complete bearing pads to replace those selected for testing. Bearing pads shall be available for sampling a minimum of three weeks prior to their installation. Submit the sample bearing pads to an ~~Department approved~~ approved independent laboratory for testing. Shipping and testing will be at the Contractor's expense.

SUBARTICLE 932-4.6 is deleted and the following is substituted:

932-4.6 Testing: Test bearing pads in accordance with ~~Florida Method FM 5-598~~ **AASHTO M251**. Laminated bearings must meet a minimum compressive strength of 2,400 psi and non-laminated (plain) pads must meet a minimum compressive strength of 1,200 psi. The shear modulus of the elastomer shall be minimum 80 psi unless otherwise noted in the Contract Plans. If any properties are identified as noncompliant with the criteria specified, the bearing shall be rejected, and the verification sample tested. If the verification sample test results are also noncompliant, the LOT shall be rejected. ~~A list of approved testing laboratories can be found on the Department's website. The URL for obtaining this information, if available, is: <https://macreporting.fdot.gov/ReportsMainView>.~~

SUBARTICLE 932-4.7 is deleted and the following is substituted:

932-4.7 Certification: For Lot sizes less than or equal to 10, the Contractor shall submit to the Engineer a certification statement from the manufacturer that materials provided conform to the requirements of Section 6 and this Section, and the bearings in the LOT were manufactured in a reasonably continuous manner from the same batch of elastomer and cured

under the same conditions. The certification shall identify the production facility, material, quantity, grade, and reportable properties as defined in Table 932-6 for each LOT.

For Lot sizes greater than 10, the Contractor shall submit to the Engineer a certification statement from the manufacturer that materials provided conform to the requirements of Section 6 and this Section, and the bearings in the LOT were manufactured in a reasonably continuous manner from the same batch of elastomer and cured under the same conditions. The certification shall identify the production facility. Additionally, the Contractor shall submit to the Engineer complete certified test results as required in ~~FM5-598~~AASHTO M251, from an independent laboratory.