Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

July 29, 2026

Daniel Holt, PE, PTOE
Director, Project Delivery
Director, Technical Services
FHWA
400 West Washington Street, Suite 4200
Orlando, FL 32801

Re: State Specifications Office
Section: 932
Proposed Specification: **9320405 Nonmetallic Accessory Materials for Concrete Pavement and Concrete Structures**

Dear Mr. Holt:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

The changes are proposed by Oliver Chung to adopt AASHTO M251 instead of maintaining FM 5-598 and therefore allowing more laboratories to perform the testing.

Please review and transmit your comments, if any, within two weeks (10 business days). Comments should be sent via email daniel.strickland@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at (850) 414-4130.

Sincerely,

Signature on File

Daniel Strickland, P.E.
State Specifications Engineer

DS/am
Attachment
cc: Florida Transportation Builders' Assoc.
State Construction Engineer

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.

SUBARTICLE 932-5.2 is deleted and the following substituted:

932-5.2 Plain Pads: Cutting shall not heat the material and shall produce a smooth finish with a maximum roughness average (Ra) of 6.3 µm (0.248 mils) measured in accordance with ASME B46.1. Plying pads of lesser thickness together shall not be permitted. External load plates (e.g., galvanized, or metalized), when used, shall be protected from rusting and shall be hot bonded by vulcanization during the primary molding process.

Table 932-8
Requirements for Ancillary Pad Material

Product	Manufacturing	Material	Standard	Grade	Properties
Plain Pad	Molded Vulcanization or Extruded Vulcanization	Elastomer 100% virgin polychloroprene (neoprene)	AASHTO M251 ARPM MO-1 F3-T.063 (Molded), F2-T (Extruded)	2, 3, 4, 5	Compressive Strength 1,200 PSI per ~~FM 5-598~~598AASHTO M251

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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 AASHTO M251, from an independent laboratory.

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