

Note: *Highlighted, italicized text* indicates REVISIONS to the version of the NJTA 2004 Standard Supplementary Specifications which existed prior to the issuance of this DCA.

SECTION 408 - ELASTOMERIC BEARING PADS

408.03 METHODS OF CONSTRUCTION

(D) Testing

The first paragraph is deleted and replaced with the following:

~~Regardless of the results of the test reports furnished by the contractor, the contractor shall furnish one additional full size laminated elastomeric bearing (including sole plate, base plate, guide bars, etc.) of each size manufactured but not more than six bearings; and neoprene or rubber bearing pad material samples from 25 percent of the batches of elastomer manufactured to the Authority's designated testing firm for testing. Elastomeric materials and laminated elastomeric bearings provided will be tested in accordance with Section 18.2 of the latest edition of AASHTO LRFD Construction Specifications including the latest interims.~~

Regardless of the results of Contractor furnished test reports, one additional full size laminated elastomeric bearing shall be furnished (including sole plate, base plate, guide bars, etc.) of each size manufactured, but not more than six, bearings to the Authority's designated testing firm for testing. Elastomeric materials and laminated elastomeric bearings provided will be tested in accordance with Section 18.2.5 of the Latest AASHTO LRFD Bridge Construction Specifications. Elastomer from the sampled bearings shall be tested for compression stiffness in accordance with Section 8.9.2 of the AASHTO M-251 Standard Specification. For the purposes of testing procedure selection, bearings shall be assumed to have been designed using Method B unless otherwise specified in the Specifications or on the Plans.

~~[Note to the Designer: The frequency of Authority testing as indicated by bold underlined text in the above paragraph should be evaluated on a project by project basis. As an alternate procedure the specification could be modified to allow for the bearing manufacturer's testing to be observed by a qualified testing laboratory selected by the Authority in lieu of having the testing performed by an independent testing laboratory.]~~

~~The third paragraph is revised as follows:~~

~~The Contractor shall provide the Authority with Certified Test Reports and Materials Certificates indicating the requirements of the latest edition of the AASHTO LRFD Construction Specifications including the latest interims.~~

~~The third paragraph is deleted in its entirety.~~

~~[Note To Designer: In reference to contractor testing to provide certifications in the above paragraph, the~~

~~frequency of testing required by the AASHTO specifications should be evaluated on a project by project basis. These specifications may require excessive testing for contracts with a limited number of bearings.]~~

~~The fourth sentence of the fourth paragraph is revised as follows:~~

~~Where elastomer samples must be tested or where testing will destroy the bearing, two additional elastomer samples from the same batch or two additional bearings from the same lot shall be tested to satisfy the requirement to test each bearing.~~

~~The fourth paragraph is deleted and replaced with the following:~~

~~Sampling, testing, and acceptance consideration will be made on a lot basis. A lot shall be defined as a group of no more than twenty (20) bearings with the same size elastomeric pad and design load rating manufactured in a reasonably continuous manner from the same batch of elastomer, and cured under the same conditions. This definition supersedes Section 8.2 of the AASHTO M-251 Specification.~~