



Florida Department of Transportation

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Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.
SECRETARY

December 17, 2019

Khoa Nguyen
Director, Office of Technical Services
Federal Highway Administration
3500 Financial Plaza, Suite 400
Tallahassee, Florida 32312

Re: State Specifications Office
Section: **461**
Proposed Specification: **.4610300 Multirotational Bearings.**

Dear Mr. Nguyen:

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

The changes are proposed by Scott Arnold to clarify intent regarding bearing replacement.

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

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

Sincerely,

Signature on file

Daniel Strickland, P.E.
State Specifications Engineer

DS/jj

Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

MULTIROTATIONAL BEARINGS**(REV 12-13-19)**

Article 461-3 is deleted and the following is substituted:

461-3 Design.

Design bearings in accordance with the AASHTO LRFD Bridge Design Specifications. Design bearings connections to allow for bearing replacement without ~~removing~~ having to remove the masonry plate or sole plate. Detail all steel bearing components with sliding surfaces (e.g., stainless-steel plates or PTFE plates), masonry plates and elastomeric components to be replaceable. Welded attachments are not considered a replaceable connection.

Design guided bearings for the lateral load shown in the Plans or 10% of the vertical load capacity of the bearing shown in the Plans, whichever is greater.

For disc bearings, provide steel limiting rings around the top and bottom of the polyether urethane disc.

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