

ORIGINATION FORM

Date: 6/20/12

Originator: Steven Plotkin

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Specification Title: Construction (under Multirotational Bearings, Section 461)

Specification Section, Article, or Subarticle Number: 461-5

Why does the existing language need to be changed? The current specification is not clear about when a Manufacturer's representative must be at the project site to supervise bearing installations and it is not clear about the qualifications of that representative.

Summary of the changes: The revision makes it clear that a representative must be on site for the first bearing installation of each type and that the representative must have the experience and knowledge to supervise installations and to provide training to Contractor personnel.

Are these changes applicable to all Department jobs? Yes

Will these changes result in an increase or decrease in project costs? No

With who have you discussed these changes? Jeff Pouliotte, Dan Hurtado, CEI Senior Project Engineers

What other offices will be impacted by these changes? No other Offices

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? No

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? No

Contact the State Specifications Office for assistance in completing this form.
Frances Thomas 850-414-4101 frances.thomas@dot.state.fl.us
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ANANTH PRASAD, P.E.
SECRETARY

MEMORANDUM

DATE: September 26, 2012

TO: Specification Review Distribution List

FROM: Trey Tillander, State Specifications Engineer

SUBJECT: Proposed Specification: **4610500 Multirotational Bearings.**

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

This change was proposed by Steve Plotkin, of the State Construction Office, to make it clear that a representative must be on site for the first bearing installation of each type and that the representative must have the experience and knowledge to supervise installations and to provide training to Contractor personnel.

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 SP965TT or trey.tillander@dot.state.fl.us. Comments received after **October 24, 2012**, may not be considered. Your input is encouraged.

TT/cah
Attachment

MULTIROTATIONAL BEARINGS
(REV 9-17-12)

ARTICLE 461-5 (Page 629) is deleted and the following substituted:

461-5 Construction.

Store multirotational bearings delivered to the bridge site under cover on a platform above the ground surface. Protect bearings at all times from damage and ensure they are clean, dry and free from dirt, oil, grease or other foreign substances before placement. Install the bearings in accordance with the recommendations of the manufacturer, contract drawings, and as may be directed by the Engineer. If there is any discrepancy between the recommendations of the manufacturer, these Specifications, and contract drawings, the Engineer will be the sole judge in reconciling any such discrepancy.

Obtain the services of a *qualified technical* representative, employed by the ~~m~~Manufacturer of the bearings, to supervise the *first* installation of *each type of* ~~the~~ bearings *but for only one size of each type. Multirotational bearing types are as follows: expansion pot, fixed pot, expansion disc, fixed disc or others as defined by the Engineer. Submit to the Engineer a certified statement from the Manufacturer that its representative has the necessary technical experience and knowledge to supervise bearing installations and to train Contractor personnel about proper bearing installation procedures and methods.* Do not install the bearings *before* ~~until~~ *the Engineer receives the certification and the* representative is on the job site. Assume this responsibility at no further expense to the Department.