

ORIGINATION FORM

Date: **4/22/2014**

Originator: **Steve Duke**

Contact Information: **steveduke@dot.state.fl.us, State Materials Office, 352-955-6682**

Specification Title: **11.3 Advanced Ultrasonic Testing**

Specification Section, Article, or Subarticle Number:

105-3.2

Why does the existing language need to be changed? **No change, new Section to the Materials Manual.**

Summary of the changes:

Are these changes applicable to all Department jobs? **No**

If not, what are the restrictions? **Just those projects with structural steel that would require non-destructive examination.**

Will these changes result in an increase or decrease in project costs? **Yes**

If yes, what is the estimated change in costs? **Decrease depending on the size of the project, thousands to tens of thousands would be saved.**

With who have you discussed these changes? **DMRE's, State Materials Office, State Design Office, State Construction Office**

What other offices will be impacted by these changes? **None**

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

Are all references to external publications current? **Yes**

If not, what references need to be updated (please include changes in the redline)?

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

Contact the State Specifications Office for assistance in completing this form.

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ANANTH PRASAD, P.E.
SECRETARY

MEMORANDUM

DATE: April 30, 2014

TO: Specification Review Distribution List

FROM: Daniel Scheer, P.E., State Specifications Engineer

SUBJECT: Proposed Specification: **1050302-MM11.3 Contractor Quality Control General Requirements – Compliance with the Materials Manual.**

We are sending you proposed revisions, dated April 22, 2014, to the Materials Manual for new Section 11.3, Volume II, Advanced Ultrasonic Testing. These revisions were proposed by the State Materials Office.

Use the temporary link in the attached document to access the redlined version and provide comments.

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 SP965DS or daniel.scheer@dot.state.fl.us. Comments received after **May 28, 2014**, may not be considered. Your input is encouraged.

DS/dt
Attachment

**CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS –
COMPLIANCE WITH THE MATERIALS MANUAL.
(REV 4-21-14)**

SUBARTICLE 105-3.2 (Page 134) is deleted and the following substituted:

105-3.2 Compliance with the Materials Manual.

Producers of Flexible Pipe shall meet the requirements of Section 6.1, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/Files/section61.pdf> .

Producers of Precast Concrete Pipe shall meet the requirements of Section 6.2, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/Files/section62.pdf> .

Producers of Precast Concrete Drainage Structures shall meet the requirements of Section 6.3, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/Files/section63.pdf> .

Producers of Precast/Prestressed Concrete Products shall meet the requirements of Sections 8.1 and 8.3 of the Department's Materials Manual, which may be viewed at the following URLs:

<http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/Files/section81.pdf> .

<http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/Files/section83.pdf> .

Producers of Precast Prestressed Concrete Products using Self Consolidating Concrete shall meet the requirements of Section 8.4, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/Files/section84.pdf>

Producers of Incidental Precast/Prestressed Concrete Products shall meet the requirements of Section 8.2, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/Files/section82.pdf> .

Producers of Portland Cement Concrete shall meet the requirements of Section 9.2, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/Files/section92.pdf> .

Producers of Structural Steel and Miscellaneous Metal Components shall meet the requirements of Sections 11.1, 11.2, 11.4 and 11.5 of the Department's Materials Manual, which may be viewed at the following URLs:

<http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/Files/section111.pdf> .

<http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/Files/section112.pdf> .

http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/files/section113_042214.pdf

<http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/files/Section114.pdf> .

<http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/files/Section115.pdf> .