

# ORIGINATION FORM

## Proposed Revisions to the Specifications

(Please provide all information - incomplete forms will be returned)

Date: 03/19/2019

Office: *State Materials*

Originator: Chase C. Knight

Specification Section: 105



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Article/Subarticle: 105-4.4 MM6.1V2

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Will the proposed revision require changes to:

Publication	Yes	No	Office Staff Contacted
Standard Plans Index	<input type="radio"/>	<input checked="" type="radio"/>	
Traffic Engineering Manual	<input type="radio"/>	<input checked="" type="radio"/>	
FDOT Design Manual	<input type="radio"/>	<input checked="" type="radio"/>	
Construction Project Administration Manual	<input type="radio"/>	<input checked="" type="radio"/>	
Basis of Estimate/Pay Items	<input type="radio"/>	<input checked="" type="radio"/>	
Structures Design Guidelines	<input type="radio"/>	<input checked="" type="radio"/>	
Approved Product List	<input type="radio"/>	<input checked="" type="radio"/>	
Materials Manual	<input checked="" type="radio"/>	<input type="radio"/>	

Will this revision necessitate any of the following:

Design Bulletin  Construction Bulletin  Estimates Bulletin  Materials Bulletin

Are all references to external publications current? Yes  No

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

Why does the existing language need to be changed?

Several revisions are required to improve the materials manual section for the production of flexible pipe as summarized below.

Summary of the changes:

Multiple updates on terminology and language; State the requirement to have a separate QC Plan for different categories of flexible pipe; Statement of Buy America requirements for steel materials; Separate gasket standards for plastic vs metal pipe; Clarify and update hydrostatic testing requirements, including periodic re-evaluation; Add requirement for cleaning coating rerolled ends and welds on metal pipe; Add details on requirements for a durable QC label material



Are these changes applicable to all Department jobs? Yes  No

If not, what are the restrictions?

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

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**M E M O R A N D U M**

**DATE:** April 3, 2019

**TO:** Specification Review Distribution List

**FROM:** Dan Hurtado, P.E., State Specifications Engineer

**SUBJECT:** Proposed Specification: **1050404-MM6.1V2 Contractor Quality Control General Requirements – Compliance with the Materials Manual.**

We are sending you proposed revisions, dated March 19, 2019, to the Materials Manual for Section 6.1, Volume II, Flexible Pipe (Metal and Plastic). 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 online at <http://www2.dot.state.fl.us/ProgramManagement/Development/IndustryReview.aspx> . Comments received after **May 2, 2019**, may not be considered. Your input is encouraged.

DH/dt  
Attachment

**CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS –  
COMPLIANCE WITH THE MATERIALS MANUAL.  
(REV 3-27-19)**

SUBARTICLE 105-4.4 is deleted and the following substituted:

**105-4.4 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:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section61V2.shtm>[https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/implemented/urlinspecs/files/section61-031919.pdf?sfvrsn=181dc1ed\\_2](https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/implemented/urlinspecs/files/section61-031919.pdf?sfvrsn=181dc1ed_2).

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: <https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section62V2.shtm>.

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:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section63V2.shtm>.

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:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section81V1.shtm>.

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section83V1.shtm>.

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:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section84V2.shtm>.

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:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section82V2.shtm>.

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:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section92V2.shtm>.

Producers of Structural Steel and Miscellaneous Metal Components shall meet the requirements of Sections 11.1, 11.2, 11.3, 11.4, 11.5 and 11.6 of the Department's Materials Manual, which may be viewed at the following URLs:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section111V1.shtm>.

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section112V2.shtm>.

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section113V2.shtm>.

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section114V2.shtm>.

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section115V2.shtm>.

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section116V2.shtm>.

Producers of Fiber Reinforced Polymer Composites shall meet the requirements of Section 12-1, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<https://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Section121V2.shtm>.