

ORIGINATION FORM

Date: September 17, 2013

Originator: Ben Watson

Contact Information: ben.watson@dot.state.fl.us

352-955-2935

Specification Title: **EXCAVATION FOR STRUCTURES AND PIPE**

Specification Section, Article, or Subarticle Number: **125-9**

Why does the existing language need to be changed? **Field testing needs to be reduced in trench box construction**

Summary of the changes: **The reduced frequency for quality control test testing in trench boxes is set at 1 per 4 LOTS**

Are these changes applicable to all Department jobs? **Yes**

If not, what are the restrictions?

Will these changes result in an increase or decrease in project costs? **Project costs should decrease because of decreased testing**

If yes, what is the estimated change in costs? **Not known**

With who have you discussed these changes? **Construction**

What other offices will be impacted by these changes?

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

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: December 13, 2013

TO: Specification Review Distribution List

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

SUBJECT: Proposed Specification: **1250901 Excavation for Structures and Pipe.**

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

This change was proposed by Ben Watson of the State Materials Office to reduce field testing in trench box construction operations.

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 **January 10, 2014**, may not be considered. Your input is encouraged.

DS/dt
Attachment

EXCAVATION FOR STRUCTURES AND PIPE.
(REV 11-6-13)

ARTICLE 125-9.1.1 is deleted and the following substituted:

125-9.1.1 Reduced Testing Frequency: When no resolution testing is required for six consecutive LOTs, or if required, the QC test data was upheld, reduce the QC density testing to one test every two ~~Lot~~~~OTs~~ ~~by identifying~~ *or one every four LOTs for trench box operations. Identify* the substantiating tests in the Density Log Book and notifying the Engineer in writing prior to starting reduced frequency of testing. Generate random numbers ~~based on the two~~ *for selecting test locations for the* LOTs under consideration. When QC test frequency is reduced to one every two LOTs, obtain the Engineer's approval to place more than one LOT over an untested LOT. Assure similar compaction efforts for the untested sections. If the Verification test fails, and QC test data is not upheld by Resolution testing the QC testing will revert to the original frequency.