

## ORIGINATION FORM

Date: 9/05/2013

Originator: Juan Castellanos

Contact Information: Juan Castellanos 850-414-4276

Specification Title: Excavation for Structures and Pipe

Specification Section, Article, or Subarticle Number: 125-1, ~~125-9.2.2~~, 125-11

Why does the existing language need to be changed? To include pipe earthwork in general (not just pipe culverts) will be included in this section. ~~To clarify that the exceptions in 125-9.2. apply to junction boxes and pipes.~~

Summary of the changes:

**In article 125-1: Modify first sentence to include pipe in general. ~~Change title in 125-9.2.2 to Exceptions to Junction Boxes and Structures.~~ In 125-11 use the word pipe to indicate that this section applies to all types of pipe.**

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? No

If yes, what is the estimated change in costs?

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

What other offices will be impacted by these changes? **Materials**

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.

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ANANTH PRASAD, P.E.  
SECRETARY

### MEMORANDUM

**DATE:** September 24, 2013

**TO:** Specification Review Distribution List

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

**SUBJECT:** Proposed Specification: **1250100 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 Juan Castellanos of the State Construction Office to include pipe earthwork in general in this Section.

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](mailto:daniel.scheer@dot.state.fl.us). Comments received after **October 23, 2013**, may not be considered. Your input is encouraged.

DS/dt  
Attachment

## **EXCAVATION FOR STRUCTURES AND PIPE.**

(REV 9-619-13)

ARTICLE 125-1 is deleted and the following substituted:

### **125-1 Description.**

Excavate for box culverts, pipes ~~culverts, storm sewers and all other pipe lines~~, retaining walls, headwalls for pipe ~~culverts~~ and drains, catch basins, drop inlets, manholes, and similar structures. Construct and remove cofferdams, sheeting, bracing, etc.; pump or otherwise dewater foundations; remove and dispose of any existing structures or portions of structures not covered by other items in the Contract, including foundations, abutments, piers, wings, and all other materials, obstructions, etc., found necessary to clear the site for the proposed work; backfill, dispose of surplus material, and perform final cleaning, as may be necessary for the proper execution of the work. This Section does not include excavation for bases or pavements, curbs, curb and gutter, valley gutter, ditch pavement, or rubble gutter. Perform work in accordance with an approved Quality Control (QC) Plan meeting the requirements of 105-3.

**125-1.1 Trench Excavation Safety System and Shoring, Special (Trench Excavation):** When performing trench excavation in excess of 5 feet in depth, comply with the Occupational Safety and Health Administration's (OSHA) trench safety standards, 29 CFR, 1926, Subpart P, and all subsequent revisions or updates adopted by the Department of Labor and Employment Security. Ensure that trench boxes are wide enough to accommodate compaction and density testing.

Submission of bid and subsequent execution of the Contract will serve as certification that all trench excavation in excess of 5 feet in depth will be in compliance with Section 553.62, Florida Statutes.

Consider all available geotechnical information available when designing the trench excavation safety system.

Consider these and any more stringent trench safety standards as minimum Contract requirements.

ARTICLE 125-11 is deleted and the following substituted:

### **125-11 Site Restoration.**

Wherever the existing site is disturbed solely for the purpose of constructing or removing box culverts, pipe ~~culverts, storm sewers~~, inlets, manholes, etc., completely replace and restore the site to the Engineer's satisfaction, without additional compensation.