



## *Florida Department of Transportation*

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### MEMORANDUM

**DATE:** October 13, 2009

**TO:** Specification Review Distribution List

**FROM:** Rudy Powell, Jr., P.E., State Specifications Engineer

**SUBJECT:** Proposed Specification: 1040606 Prevention, Control, and Abatement of Erosion and Water Pollution- Construction Requirements

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

This change was proposed by Larry Richie of the State Construction Office to clarify the responsibilities of the contractor and Department to satisfy the requirements of the Water Management Districts' Environmental Resource Permit. This change specifies that the contractor is to submit three copies of as-built drawings and a certified survey verifying the as-built conditions of installed and constructed surface water management systems. CPAM Chapter 8.2.8 (A) (3) will be modified to clarify that the CEI will provide the certification of completion based on the as-built drawings and certified survey provided by the Contractor.

This proposed change was previously sent to Industry Review. Comments were received and responses have been provided. Based on the comments and responses, revisions were made so the proposed change is being distributed for a second industry review. Comments and responses from the first Industry Review can be found on the Specifications Office website at the following link:

<http://www.dot.state.fl.us/specificationsoffice/Implemented/WorkBooks/History/Jul10/Default.shtm>

Please share this proposal with others within your responsibility. Review comments are due within two weeks and should be sent to Mail Station 75 or to my attention via e-mail at ST986RP or [rudy.powell@dot.state.fl.us](mailto:rudy.powell@dot.state.fl.us). Comments received after October 27, 2009, may not be considered. Your input is encouraged.

RP/dt  
Attachment

**PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION- CONSTRUCTION REQUIREMENTS. ~~SIGNED AND SEALED AS-BUILT DRAWINGS.~~**

(REV ~~106-1215~~ 09)

ARTICLE 104-6 (of the Supplemental Specifications) is expanded by the following:

**104-6.6 Signed and Sealed As-Built Drawings:** *Prior to final acceptance of the project, submit to the Engineer ~~three~~ two copies of as-built drawings and a certified survey verifying the as-built conditions for all installed and constructed surface water management systems. ~~prepared according to the permitting agency's requirements.~~ The as-built drawings and certified survey must satisfy all the requirements and special conditions listed in the Water Management District's Environmental Resource Permit (ERP) and any applicable local permit. The as-built drawings and certified survey must be signed and sealed by an appropriately licensed professional registered in the State of Florida. ~~for the surface water management system must be signed and sealed by an engineer registered in the State of Florida.~~ Final payment is contingent upon acceptance of the as-built drawings and certified survey by the Department. ~~permitting agency.~~*

*If the ERP does not contain specific requirements, provide as-built drawings with the following information as a minimum:*

- 1. Discharge structures- structure identification number, type, locations, dimensions and elevations of all, including weirs, bleeders, orifices, gates, pumps, pipes, and oil and grease skimmers;*
- 2. Side bank and underdrain filters, or exfiltration trenches- locations, dimensions and elevations of all, including clean-outs, pipes, connections to control structures and points of discharge to receiving waters;*
- 3. Storage areas for treatment and attenuation- storage area identification number, dimensions, elevations, contours or cross-sections of all, sufficient to determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems;*
- 4. System grading- dimensions, elevations, contours, final grades or cross-sections to determine contributing drainage areas, flow directions and conveyance of runoff to the system discharge point(s);*
- 5. Conveyance- dimensions, elevations, contours, final grades or cross-sections of systems utilized to divert off-site runoff around or through the new system;*
- 6. Water levels- existing water elevation(s) and the date determined; and*
- 7. Benchmark(s)- location and description (minimum of one per major water control structure)*