

## ORIGINATION FORM

Date: 11/16/2010

Originator: Paul Steinman, State construction Engineer

Contact Information: 414-4140

Specification Title: As-Built Drawings and Certified Surveys for Permitted Work

Specification Section, Article, or Subarticle Number: Section 7-2.3

Why does the existing language need to be changed?

This Specification change is the addition of new language requiring contractors to provide signed and sealed As-Built drawings to the Department and all applicable regulatory agencies listed in the specification. This language clarifies who is responsible for providing As-Built drawings for permit compliance associated with Environmental Resource Protection (ERP), US Army Corps of Engineers (USACOE) and Coast Guard permits.

Summary of the changes:

This Spec. change relocates language found in Section 104-6.6 pertaining to signed and sealed As-Built drawings for ERP permits to Section 7-2.3 and adds new, similar language for USACOE and Coast Guard permits to the Section as well.

Are these changes applicable to all Department jobs? If not, what are the restrictions?

These changes are applicable to all Department jobs that involve Environmental Resource, Coast Guard or US Army Corps of Engineers permits

Will these changes result in an increase or decrease in project costs? If yes, what is the estimated change in costs?

This Specification change should not result in any changes to project costs as it is only providing clarification and guidance on the responsibilities of permit compliance.

With who have you discussed these changes?

Michael Sandow, District 2

What other offices will be impacted by these changes?

None

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.

Rudy Powell 850-414-42820 [rudy.powell@dot.state.fl.us](mailto:rudy.powell@dot.state.fl.us)

Frances Thomas 850-414-4101 [frances.thomas@dot.state.fl.us](mailto:frances.thomas@dot.state.fl.us)

Debbie Toole 850-414-4114 [deborah.toole@dot.state.fl.us](mailto:deborah.toole@dot.state.fl.us)

Andy Harper 850-414-4127 [clifton.harper@dot.state.fl.us](mailto:clifton.harper@dot.state.fl.us)



## *Florida Department of Transportation*

CHARLIE CRIST  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS  
SECRETARY

### MEMORANDUM

**DATE:** December 1, 2010

**TO:** Specification Review Distribution List

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

**SUBJECT:** Proposed Specification: 0070203 Legal Requirements and Responsibilities to the Public – Permits and Licenses

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

These changes are proposed by Larry Ritchie of the State Office of Construction to add language requiring contractors to provide signed and sealed certified surveys and as-built drawings to the Department.

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 SP965RP or rudy.powell@dot.state.fl.us. Comments received after **December 29, 2010** may not be considered. Your input is encouraged.

RP/ft  
Attachment

## LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC – PERMITS AND LICENSES.

(REV ~~11-18-10~~**11-24-10**)

ARTICLE 7-2 (Page62) is expanded by the following new Subarticle:

### **7-2.3 As-Built Drawings and Certified Surveys ~~for Permitted Work~~**

#### **7-2.3.1 Surface Water Management Systems for Water Management Districts:**

*As a condition precedent to final acceptance of the project, submit to the Engineer three copies of as-built drawings and a certified survey verifying the as-built conditions for all installed and constructed surface water management systems. 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.*

*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 (latitude and longitude), 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 points.*

*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 elevations and the date determined.*

*7. Benchmarks: location and description (minimum of one per major water control structure).*

**7-2.3.2 Bridge Clearances for Projects under the Authority of a U.S. Coast Guard Permit:** *As a condition precedent to final acceptance of the project, submit to the Engineer a certified survey verifying the as-built clearances described in the U.S. Coast Guard Owner's Certification of Bridge Completion. The certified survey must be signed and sealed by an ~~appropriately licensed p~~Professional Engineer or Professional Surveyor and Mapper registered in the State of Florida.*

**7-2.3.3 Projects Under the Authority of a U.S. Army Corps of Engineers Permit:** *As a condition precedent to final acceptance of the project, submit to the Engineer three copies of as-built drawings and a certified survey verifying the as-built conditions. The as-built drawings and certified survey must satisfy all of the requirements and special conditions listed in the U.S. Army Corps of Engineers permit. The as-built drawings and certified survey must be*

0070203

All Jobs

*signed and sealed by an ~~appropriately licensed~~ Professional Engineer or Professional Surveyor and Mapper registered in the State of Florida.*