



Florida Department of Transportation

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DENVER J. STUTLER, JR.
SECRETARY

Memorandum

August 28, 2006

**From: Patrick M. Muench, P.E.
FDOT District 5 Drainage Design Engineer
and Environmental Permitting Engineer**

The following should be included in all of our plans for production that are submitted to the St. Johns River Water Management District for permitting purposes.

Additional effort under task 5.36

Directive from SJRWMD:

The construction plans submitted with the permit application will show the general standard erosion and sediment controls (i.e. silt fences) and will identify areas with a high potential for adverse environmental impacts due to erosion where special "site-specific" erosion control methods will need to be implemented. This includes areas where erosion and sediment controls will be necessary to protect against discharges of turbid water due to potential pumping operations during construction.

Additional efforts/tasks to plans preparation for FDOT as a result of the Directive:

1. Show areas of potential for adverse impacts due to erosion caused by runoff as specified in the directive. This will be identified by the designer, on the plans, to the best of his/her ability. It can be identified by showing add'l. erosion control or by note.
2. Show areas of potential for adverse impacts due to erosion caused by pump discharge as specified in the directive. This will be identified by the designer, on the plans, to the best of his/her ability. It can be identified with the following note: "Potential pump discharge location. See Section 2.b in the SWPPP for requirements".

The language needed in the SWPPP under 2.b. is as follows:

At least 45 days prior to initiation of construction, the permittee shall submit a detailed erosion and sediment control plan, developed by the contractor responsible for construction, to the St. Johns River Water Management District for written approval. The plan shall detail all erosion and sediment control measures to be implemented both during and after construction. At a minimum the plan shall include:

- Identification of any areas where any pumping will be performed during construction;
- Details of specific erosion and sediment control measures to be implemented to control the discharge of turbid water due to any pumping activities; and
- Construction sequencing and details of all erosion and sediment control measures to be implemented during each sequence.

Construction shall not commence until the permittee receives written approval of the plan from the St. Johns River Water Management District.