251 Stormwater Runoff Control Concept (SRCC) Development

251.1 General

A Stormwater Runoff Control Concept (SRCC) must be developed during design and is a conceptual layout of temporary sediment and erosion control Best Management Practices (BMPs). The intent of the SRCC is to provide temporary sediment and erosion control quantities listed within the Estimated Quantities Report for cost estimating purposes. The linework in the CADD files developed for this concept will not be signed and sealed but will be included in the CADD.zip or BIM.zip. Permanent erosion and sediment controls from stormwater runoff (such as permanent sod/turf, inlets, erosion mats, etc.) must be included in the contract plans and be signed and sealed.

FDOT ***Standard Specification 104***, the National Pollutant Discharge Elimination System (NPDES) Construction General Permit (CGP), and both Individual and General Environmental Resource Permit (ERP) conditions include the requirement to use performance-based temporary erosion and sediment control before, during, and after construction until final acceptance. The contractor is responsible for developing a project-specific plan to match field conditions, project approach, and construction phasing. Implementing, installing, inspecting, and maintaining these controls are also the responsibility of the contractor.

The SRCC should be prepared in consultation with Drainage, Construction and Environmental personnel. This concept must consider project limits, wetland locations, preservation areas, and existing and proposed terrain and drainage features. The ***State of Florida Erosion and Sediment Control Designer and Reviewer Manual*** provides guidance for appropriate application of BMPs.

The amount of information provided to adequately address stormwater runoff control varies based on the complexity of a project.

Include details for controls that are not detailed in the ***State of Florida Erosion and Sediment Control Designer and Reviewer Manual.*** The details should show the work intended, where and how the control is to be placed, and any other special design details. Include a Technical Special Provision in the project specification package when required by the erosion control items of work.

251.2 Narrative for Environmental Resource Permitting

Include the *Temporary Erosion and Sediment Control Plan* **(*Form 251-A*)** narrative with an FDOT ERP application package to provide reasonable assurance required in ***ERP AH Volume I, Part IV***.

251.3 Documents for Construction

To facilitate compliance with ***Standard Specifications*, *Section 104***, the following documents are initiated by the designer and transmitted to the contractor within the "*Permits"* folder of the CADD.zip file structure.

251.3.1 SRCC Worksheet

See ***FDM 908*** for SRCC Worksheet requirements.

251.3.2 NPDES CGP SWPPP Template

Include the *NPDES CGP SWPPP Template for FDOT Projects* ***(Form 251-B)*** with the "Design" sections completed as indicated within the template.