

TOTAL DISTURBED AREA = 1.55 AC
TOTAL SITE AREA = 18.96 AC

**REVISED AUGUST 2011
ESPCP GENERAL NOTES:**

The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to, or concurrent with, land disturbing activities.

Erosion control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source.

PETROLEUM STORAGE, SPILLS AND LEAKS

The plans provided herein do not anticipate the storage of petroleum products onsite. The Contractor shall at a minimum provide an action plan and keep the necessary materials on site for the capture and disposal of any petroleum product leaks or spills associated with the servicing, refueling or operation of any equipment utilized in the work. A copy of the action plan shall be submitted to the Project Engineer and maintained on the project site. All personnel operating or servicing equipment shall be familiar with this plan. The Contractor shall not park, refuel, or maintain equipment within stream buffers.

If the Contractor elects to store petroleum products on site, the Contractor shall prepare an ESPCP addendum that addresses the additional BMPs needed for onsite storage and spill prevention for petroleum products. This plan shall be prepared by a Certified Design Professional as required by GARI0002 for inclusion with these plans. The Contractor's attention is specifically directed to Standard Specification 107-Legal Regulations and Responsibility to the public for additional requirements.

PLAN ALTERATIONS

The Erosion Sedimentation and Pollution Control Plan (ESPCP) is provided by the Department. It addresses the staged construction of the project based on common construction methods and techniques. If the Contractor elects to alter the stage construction from that shown in the plans or utilize construction techniques that render this plan ineffective, the Contractor shall revise the plans in accordance to Special Provision 161 of the contract.

The Contractor, the Certified Design Professional and the WECS shall carefully evaluate this plan prior to commencing land disturbing activities. A major modification or deletion of structural BMP's with a hydraulic component requires a formal revision of the ESPCP and the signature of a GSWCC level-II-certified design professional. Additional BMP's may be added per Special Provision 161 - Control of Soil Erosion and Sedimentation.

SOIL SERIES INFORMATION

A project specific soil survey and geotechnical investigation was not performed for this project. The following is a summary of the soils that are expected to be found on the project site according to the NRCS:

- CaA-- Cartecay-Toccoa complex, 0 to 2 % slopes, occasional Flooded
- UfC2-- Urban land-Cecil complex, 2 to 10% slopes, moderately eroded.
- UrE-- Urban land-Rion complex, 10 to 25% slopes
- Ub-- Urban land

POST-CONSTRUCTION BMP'S

All permanent, post-construction BMP's are shown in the construction plans and in the ESPCP plan. The post-construction BMP's for this project will consist of permanent vegetation, rip-rap at pipe outlets for velocity dissipation and outlet stabilization, vegetated swales/ditches where practical, channels/ditch stabilization with Turf Reinforcing Mats, rip-rap, and concrete ditch lining where necessary. The post-construction BMP's will provide permanent stabilization of the site and prevent accelerated transportation of sediment and pollutants into receiving waters.

TEMPORARY MULCHING

EPD General Permit GAR 100002 requires "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding." - The Department typically requires disturbed areas to be stabilized every 7 days. The construction documents, special provisions, or Specification may require mulching more often than 7 days.

VEGETATION AND PLANTING SCHEDULE

All temporary and permanent vegetative practices including plant species, planting dates, seeding fertilizer, lime and mulching rates for this project can be found in section 700 of the current edition of the Department's specifications and other applicable contract documents, special provisions, or landscaping plans.

SEQUENCE OF MAJOR ACTIVITIES

The Contractor is responsible for developing the construction schedule for the project. The construction schedule for this project shall be submitted with the NOI. A copy of the construction schedule shall be maintained at the project site.

The initial BMP's of this project will be perimeter fencing around the project limits, the intermediate BMP's shall consist of silt fence, inlet sediment traps, Erosion Control Mats for slopes greater than 2:1, and temporary, grassing, and mulching. The final BMP's shall consist of permanent grassing, and rip rap for outlet protection.

BR15#
BR14#
BR13#
BR12#
BR11#

BR10#
BR9#
BR8#
BR7#
BR6#

BR5#
BR4#
BR3#
BR2#
BR1#
OPLN



REVISION DATES		STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	
5-22-12		OFFICE:	
7-16-12		ESPCP GENERAL NOTES	
		NORTHSIDE DRIVE SAFETY IMPROVEMENTS	
		DRAWING No. 51-001	