

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.

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.

TEMPORARY MULCHING

EPD General Permit GAR 100002 states that "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding." - However, the Department typically requires disturbed areas to be stabilized every 7 days. The construction documents, special provisions, or specifications 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.

Project Description: Extend existing right turn lane and add dual left turn lane at the intersection of SR 3/US 76. Work will include widening the roadway, mill and inlay, full depth pavement, relocation of raised medians, islands, and installation of curb and gutter and sidewalk.

Stage IA: Work in this stage includes clearing and grubbing to the project limits as shown on the plans.

- A) Initial BMPs: Install the following BMPs prior to construction:
 - a. Install perimeter silt fence as shown on Stage IA plans.
- B) Intermediate BMPs: N/A
- C) Final BMPs: N/A

Stage I: Work in this stage includes placing temporary pavement, placing new permanent pavement and milling and inlaying existing pavement, placing new curb and gutter and placing sidewalk.

- A) Initial BMPs: N/A
- B) Intermediate BMPs:
 - a. Install ditch checks from Sta 102+00 to 105+00 RT, Sta 200+00 to 204+00 LT and Sta. 205+50 to 210+50 LT.
 - b. Install berms along top of slopes in fill areas
 - c. Install inlet sediment traps as shown in Stage I plans
 - d. Install down drains
- C) Final BMPs:
 - a. Install matting blankets as shown in Stage I plans
 - b. Install ditch treatments
 - c. Install rip rap as shown in Stage I plans
 - d. Install permanent grassing & mulching

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 BMP's needed for onsite storage and spill prevention for petroleum products. This plan shall be prepared by a Certified Design Professional as required by GAR100002 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.

SOIL SERIES INFORMATION

The following is a summary of the soils that are expected to be found on the project site:

WHITFIELD COUNTY DOT PROJECT CSSFT-0008-00(719)	
MAP UNIT SYMBOL	MAP UNIT NAME
AuA	Arkabutla silt loam, 0 to 2 percent slopes, occasionally flooded
SeA	Shellbluff silt loam, 0 to 2 percent slopes, occasionally flooded
Uc	Ultic Udarents, channery
UrC	Urban land, 2 to 10 percent slopes

Due to the size and scope of this project and the nature of soil series maps, it is not reasonably possible to identify the precise locations of the above reference soils on the plans. The NRCS soil survey and soil series maps for the project area are also available online at: <http://websol survey.nrcs.usda.gov/>.

POST-CONSTRUCTION BMP'S FOR STORMWATER MANAGEMENT

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 vegetation, rip-rap at pipe outlets for velocity dissipation and outlet stabilization, vegetated, bituminous roving and soil matting treated ditches, and slope stabilization with matting. The post-construction BMP's will provide permanent stabilization of the site and prevent accelerated transportation of sediment and pollutants into receiving waters.

SILT FENCE INSTALLATIONS WITH J HOOKS AND SPURS

Silt fence should never be run continuously. The silt fence should turn back into the fill or slope to create small pockets that trap silt and force stormwater to flow through the silt fence. This technique, or configuration, is commonly referred to as J hooks or spurs. The J hooks shall be utilized on all silt fences that are located around the perimeter of the project and along the toe of embankments or slopes. The J hooks shall be spaced in accordance with Construction Detail D-24C. The maximum spacing of J hooks is reached when the top of the adjacent downgradient J hook is at the same elevation as the bottom of the adjacent upgradient J hook. J hooks shall be paid for as silt fence items per foot. All costs and other incidental items are included in cost of installing and maintaining the silt fence.

MAINTENANCE AND STABILIZATION MEASURES

See Special Provision 161 and 700 and other contract documents for maintenance and stabilization measures.

WASTE DISPOSAL

Where attainable, locate waste collection areas, dumpsters, trash cans and portable toilets at least 50 feet away from streets, gutters, watercourses and storm drains. Secondary containment shall be provided around liquid waste collection areas to minimize the likelihood of contaminated discharges. The Contractor shall comply with applicable state and local waste storage and disposal regulations and obtain all necessary permits. Solid materials, including building materials, shall not be discharged to Waters of the State, unless authorized by a Section 404 Permit.

REFLECTOR

REFLECTOR

GPLN



GRESHAM
SMITH AND
PARTNERS

REVISION DATES

STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	
OFFICE: PROGRAM DELIVERY	
EROSION CONTROL PLAN GENERAL NOTES	
PROJECT: CSSFT-0008-00(719)	DRAWING No.
COUNTY: WHITFIELD	51-001