

**ESPCP GENERAL NOTES**

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

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

**PLAN ALTERATIONS**

The Erosion, Sedimentation, Pollution Control Plan (ESPCP) addresses the the staged construction of the project on the basis of common construction methods and techniques. If the Contractor elects to alter the staged construction from that shown in the plans or utilize construction techniques that render this plan ineffective, the Contractor shall revise the plans in accordance with 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**

\*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 every 7 days.

**VEGETATION AND PLANTING SCHEDULE**

All temporary and permanent vegetative practices including plant species, planting dates, seeding, fertilizing, liming and mulching for this project can be found in section 700 of the current edition of the Department's Standard Specifications (or Special Provisions) and other applicable contract documents, or landscaping plans.

**SEQUENCE OF MAJOR ACTIVITIES**

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

As ATMS equipment is installed, all disturbed area must be stabilized the same day in which the disturbance occurred.

The maximum area the Contractor is allowed to disturb is as follows:  
 Trenching TP 2 or TP 3 Conduit: Length of trench by 1 foot wide  
 Boring: 200 square feet per boring location, includes 1 entrance and exit point  
 -Includes the pull boxes at the entrance and exit points.  
 Type 3 Pull Boxes: 10 square feet  
 Type 4s Pull Boxes: 13.5 square feet  
 Type 7 Pull Boxes: 19 square feet

**PETROLEUM STORAGE, SPILLS AND LEAKS**

These plans expressly delegate the responsibility of on-site hazardous material management to the Contractor. The Contractor shall at a minimum provide an action plan and keep the necessary materials on site for the capture, clean up and disposal of any petroleum product, or other hazardous materials leak or spills associated with the servicing, refueling or operation of any equipment utilized at the site. 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 the action 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 GARI00002 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.

**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 all applicable state and local waste storage and disposal regulations and obtain all necessary permits. Solid materials, including building materials, shall not be deposited into Waters of the State, unless authorized by a Section 404 Permit.

**OTHER CONTROLS**

The Contractor shall follow this ESPCP and ensure and demonstrate compliance with applicable State and/or local waste disposal, sanitary sewer or septic system regulations.

The Contractor shall control dust from the site in accordance with Section 161 of the current edition of the Department's Standard Specifications.

**SITE STABILIZATION AND BMP MAINTENANCE MEASURES**

See the Department's Standard Specifications (or Special Provisions) 161, 163, 165, 700, 710 and other contract documents for stabilization and maintenance measures.

**USE OF ALTERNATIVE AND/OR ADDITIONAL BMPS:**

No alternative or additional BMPs will be used on this project.

**STREAM BUFFER ENCROACHMENT**

Stream Buffers are not impacted by this project.

The Contractor is not authorized to enter into stream buffers, except as described in the table below:

Name of Stream or Other Water Body Type (From Ecology Report)	Location of Buffered Streams and State Waters**			Stream Type (Warm/Cold Water)&	Buffer Impacted? (Yes/No)	Buffer Variance Required? (Yes/No)
	Stream Alignment	Begin Station and Offset	End Station and Offset			
NONE	NONE	NONE	NONE	N/A	N/A	N/A

\* Warm water streams have a 25-foot minimum buffer as measured from the wreted vegetation. Cold Water streams have a 50-foot buffer as measured from the wreted vegetation.  
 \*\*Locations are approximate, a detailed location of stream buffers and authorized work areas are shown on the individual BMP sheets

**READY MIX CHUTE WASH DOWN**

The washing of ready-mix concrete drums and dump truck bodies used in the delivery of Portland cement concrete is prohibited on this site.

In accordance with Standard Specification 107: Legal Regulations and Responsibility to the Public, only the discharge chute utilized in the delivery of Portland cement concrete may be rinsed free of fresh concrete remains. The Contractor shall excavate a pit outside of State water buffers, at least 25 feet from any storm drain and outside of the travelled way, including shoulders, for a wash-down pit. The pit shall be large enough to store all wash-down water without overtopping. Immediately after the wash-down operations are completed and after the wash-down water has soaked into the ground, the pit shall be filled in, and the ground above it shall be graded to match the elevation of the surrounding areas. Alternate wash-down plans must be approved by the Project Engineer.

Wash-down plans describe procedures that prevent wash-down water from entering streams and rivers. Never dispose of wash-down water down a storm drain. Establish a wash-down pit that includes the following: (1) a location away from any storm drain, stream, or river; (2) access to the vehicle being used for wash down; (3) sufficient volume for wash-down water; and (4) permission to use the area for wash down.

On sites where permission or access to excavate a wash-down pit is unavailable, the Contractor may have to wash-down into a sealable 55-gallon drum or other suitable container and then transport the container to a proper disposal site. For additional information, refer to the Georgia Small Business Environmental Assistance Program's "A Guide for Ready Mix Chute/Hopper Wash-down".

**SOIL SERIES INFORMATION**

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

**EROSION CONTROL PLAN**

In order to keep the disturbed area under 1 acre during construction work will be broken into the following sections. The contractor will stabilize all ground the same day in which the disturbance occurred.

Erosion Control Plan	
Segment	Locations
1	I-285 between I-20 to I-75 CW & I-20 to US78 CW
2	I-285 between I-75 to GA 400 CW & US78 to I-85 CCW
3	I-285 between GA 400 to I-85 CW & I-85 to GA 400 CCW
4	I-285 between I-85 to US78 CW & GA400 to I-75 CCW
5	I-285 between US78 to I-20 CW & I-75 to I-20CCW



REVISION DATES


STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE: INNOVATIVE PROGRAM DELIVERY  
**ESPCP GENERAL NOTES**  
 I-285 VSL DESIGN-BUILD  
 DRAWING NO. 04-002