STREAM BUFFER ENCROACHMENT

Stream Buffers are not impacted by this project.

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 portland cement concrete delivery 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 travel way, including shoulders, for a wash/pit area. The pit shall be large enough to store all wash-down water without overtopping the pit. 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 shall be graded to match the elevation of the surrounding areas smoothed out. 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 water pit location that includes the following: (1) the pit is located away from a storm drain, stream or river, (2) the pit is accessible to the vehicle being used for wash-down, (3) the pit has enough volume for wash-down water, and (4) make sure you have permission to use the area for wash-down. On some sites, you may not have permission or access to a location which allows for a wash-down pit. In those cases, the Contractor may have to wash-down into a wheelbarrow or other container and carry the container for transport 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".

MONITORING GENERAL NOTES:

Representative sampling may be utilized on this project. The characteristics of the individual watersheds along the project corridor have been carefully evaluated and compared on the basis of drainage characteristics, watershed size, land disturbance and earth work. After evaluation of these items as presented in the projects maps, hydrology and hydraulic studies, construction plans and erosion sedimentation and pollution control plans, it has been determined that the increase in turbidity at the specified locations will be representative of the increase in turbidity for all waters leaving the site. Approved primary and alternate representative monitoring sites are identified in the table:

Monitoring Site	Primary or Alternate Site	Location (Sta. and side)	Name of Receiving Water	Applicable construction stage for monitoring	Sampling Type (Outfall or Receiving Water)	Surface Water Drainage Area, (Sq. Miles)	Site Size, (Acres)	Warm or Cold water Stream	Appendix B NTU value (Outfall Monitoring Only)	Allowable NTU increase (For Receiving Water)	Location Description
1	Primary	39+52 LT	Little River	Stage I	Outfall	0.01	3.4	Warm	50	N/A	30" FES
2	Alternate	1285+00 LT	Little River	Stage II	Outfall	0.17	3.4	Warm	50	N/A	2' FBD

(According to the EPD, additional monitoring sites may be required depending on significant changes in typical sections)
The primary site specified should be used as the initial sampling location. The alternate sampling sites may be used if additional sampling is required and/or if the primary sampling site is no longer located within the active phase of construction.

MONITORING SAMPLING METHODS & PROCEDURES

See Special Provision 167 and other contract documents for Monitoring Sampling Methods and Procedures.

SEDIMENT BASINS

Sediment basins will not be utilized at any outfall locations for reasons noted below:

Station 39+52 LT along Ramp Omega-Eldorado Road: A Sediment Basin is not used at this location. With the disturbed acreage within the drainage area being less than 3 acres and the drainage area greater than 5 acres, land disturbance activities associated with construction and removal of a sediment basin at this location would cause additional adverse impacts.

Station 114+03 LT along Ramp C: A Sediment Basin is not used at this location. With the disturbed acreage within the drainage area being less than 3 acres and the drainage area greater than 5 acres, land disturbance activities associated with construction and removal of a sediment basin at this location would cause additional adverse impacts.

Station 1287+46 LT along Interstate 75: A Sediment Basin is not used at this location because a live stream exists at this location making it not suitable for the construction of a sediment basin.

Station 113+79 RT along Ramp D: A Sediment Basin is not used at this location because the construction and removal of a sediment basin at this location would cause additional adverse impacts.

SEDIMENT BASINS (CONT.)

Station 102+43 RT along Ramp D: A Sediment Basin is not used at this location. With the disturbed acreage within the drainage area being less than 3 acres and the drainage area greater than 5 acres, land disturbance activities associated with construction and removal of a sediment basin at this location would cause additional adverse impacts.

Station 86+77 RT along Ramp A: A Sediment Basin is not used at this location. With the disturbed acreage within the drainage area being less than 3 acres and the drainage area greater than 5 acres, land disturbance activities associated with construction and removal of a sediment basin at this location would cause additional adverse impacts.

Station 1231+10 LT along Interstate 75: A Sediment Basin is not used at this location. With a disturbed acreage within the drainage area of only 0.26 acres the construction and removal of a sediment basin at this location would cause additional adverse impacts.

Station 1247+03 LT along Interstate 75: A Sediment Basin is not used at this location. The flat terrain at this location does not lend to the design of an adequatelt sized sediment basin.

Station 85+68 LT along Ramp B: A Sediment Basin is not used at this location. This outfall is an extension of an existing pipe. The drainage area associated with this outfall is 3.41 acres. The disturbed area within this drainage area is0.47 acres. It was determined that the land disturbance activities associated with the construction and removal of a sediment basin at this location would cause additional adverse impacts.

Station 91+71 LT along Ramp B: A Sediment Basin is not used at this location. With the disturbed drainage area being less than 3 acres and the drainage area greater than 5 acres, land disturbance activities associated with the construction and removal of a sediment basin at this location would cause additional adverse impacts.

Station 1222+11 RT along Interstate 75: A Sediment Basin is not used at this location. With the disturbed drainage area being less than 3 acres and the drainage area greater than 5 acres, land disturbance activities associated with the construction and removal of a sediment basin at this location would cause additional adverse impacts.

BMP's as shown on the erosion control plans will be adequate to control sediment runoff at these locations. Land disturbance activities associated with construction and removing a sediment basin at these locations would cause adverse imapcts.

DISCHARGES INTO, OR WITHIN ONE LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT

All outfalls are either located further than 1 linear mile upstream or outside of the watershed of an Impaired Stream Segment that has been listed for criteria violated, "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macro Invertebrate Community), within Category 4a, 4b, or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff).

GEORGIA REGISTERED No. 026001 PROFESSIONAL ENGINEER THOMAS SCOTT FRANCE
4/1/2011
Jim Travel
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REVISION DATES
4/1/2011

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

ESPC GENERAL NOTES

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