

SEDIMENT STORAGE

The following table summarizes the required and available sediment storage for every outfall on this project. The Contractor shall provide and maintain the storage volumes for the BMPs specified in this table.

Outfall ID	Total Drainage area (acres)	Disturbed area (acres)	Required Sediment storage volume (CY)	Total Storage volume provided (CY)	Sediment Basins		Inlet Sediment Traps		J-Hooks	
					Pond No.	Total Volume	No. of Devices	Total Volume	No. of Devices	Total Volume
1	1.08	0.60	72.36	202	-	-	8	56	11	146
2	0.67	0.50	44.89	144	-	-	5	30	7	114

In order to prevent runoff from bypassing Inlet sediment traps, a temporary berm shall be installed on the downstream side of all Inlet sediment traps that are not located in a low point or an excavated sump. Temporary berms, when necessary, shall be a minimum of 18" high and constructed in a manner that ensures stormwater does not bypass the Inlet. The Contractor may submit alternate temporary containment berm designs to the Project Engineer for approval.

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).

STREAM BUFFER ENCROACHMENT

The contractor is not authorized to enter into stream buffers.

PROJECT DESCRIPTION

This project involves a bridge replacement over CSX Railroad, including urban roadway and drainage construction on the approaches. The proposed project begins @ MP 3.95 on SR 85 ALT in the city of Warm Springs, Meriwether County and ends @ MP 4.10.

The proposed design speed is 45 mph. The proposed road section consists of two twelve-foot travel lanes, two four-foot bike lanes, twelve-foot urban shoulders with a five-foot sidewalk on both sides. The project impacts nine properties with temporary construction easement and right of way.

PRIMARY PERMITTEE:
Georgia DOT
One Georgia Center
600 West Peachtree St.
Atlanta, GA 30308
Phone: (404) 631-1990

24 HOUR CONTACT:
Name:
Phone:

MONITORING GENERAL NOTES:

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)	Drainage Area (Sq Mi)	Total Project Size Area (Ac)	Warm or Cold water Stream	Appendix B NTU value (For Monitoring Only)	Allowable NTU Increase (For Receiving Water)	Location Description
1	Primary	Sta. 105+41.00/39 LT	Warm Springs Branch	All	Outfall	0.002	1.75	Warm	75	N/A	Ditch draining south side of project
2	Alt	Sta. 105+75.00/30 LT	Warm Springs Branch	All	Outfall	0.002	1.75	Warm	75	N/A	Ditch draining north side of project

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.

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".

RETENTION OF RECORDS

1. The primary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted in accordance with Part VI:

- a. A copy of all Notices of Intent submitted to EPD;
- b. A copy of the Erosion, Sedimentation and Pollution Control Plan required by this permit;
- c. The design professional's report of the results of the inspection conducted in accordance with Part IV.A.5. of this permit;
- d. A copy of all monitoring information, results, and reports required by this permit;
- e. A copy of all inspection reports generated in accordance with Part IV.D.4.a. of this permit;
- f. A copy of all violation summaries and violation summary reports generated in accordance with Part III.D.2. of this permit; and
- g. Daily rainfall information collected in accordance with Part IV.D.4.a.(1)(c) of this permit.

2. Copies of all Notices of Intent, Notices of Termination, reports, plans, monitoring reports, monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, Erosion, Sedimentation and Pollution Control Plans, records of all data used to complete the Notice of Intent to be covered by this permit and all other records required by this permit shall be retained by the permittee who either produced or used it for a period of at least three years from the date that the NOT is submitted in accordance with Part VI of this permit. These records must be maintained at the permittee's primary place of business or at a designated alternative location once the construction activity has ceased at the permitted site. This period may be extended by request of the EPD at any time upon written notification to the permittee.



Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393

DATE	REVISIONS	DATE	REVISIONS
6/12/12	SEE SHEET 03-01		
7/24/12	SEE SHEET 03-01		

GEORGIA
DEPARTMENT OF TRANSPORTATION
ESPC GENERAL NOTES

PROJECT: BRST0-0074-01(051)
COUNTY: MERIWETHER

DRAWING No.
51-02

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