VOID

Primary Permittee

Name: Georgia Department of Transportation

Address: 600 West Peachtree Street NW
Atlanta, Georgia 30308

Phone Number: (404) 631-1690

24 Hour Contact:

Name

Phone Number

Contractor shall complete the information in this box.

## DESIGN PROFESSIONAL 7-DAY VISIT CERTIFICATION

Date of Inspection: _____

I certify the site was in compliance with the ES&PC Plan on the date of inspection.

GSWCC LEVEL II DESIGN PROFESSIONAL CERTIFICATION #

Inspection revealed the following discrepancies from the ES&PC Plan:

These discrepancies must be addressed immediately and a re-inspection scheduled. Work shall not proceed on the site until design Professional Certification is obtained.

## 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 | Rdwy Drainage area (acres) | Sheetflow Drainage area (acres) | Disturbed area (acres) | Required Sediment Storage Volume ($yd^3$) | Total Storage volume provided ($yd^3$) | Sediment Basins | | Check Dam (* $yd^3$ each) | | Inlet sediment Traps (* $yd^3$ each) | | TP C Silt Fence | Stone Filter Berm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Pond # | Total Volume | # of Devices | Total Volume | # of Devices | Total Volume | Total Volume | Total Volume |
| 13+51LT | 1.08 | 0.49 | 1.57 | 105.19 | 326.80 | | | | | 4 | 73.33 | 253.47 | |
| 16+73LT | 0.62 | 0.59 | 1.21 | 87.07 | 198.18 | | | | | 2 | 42.28 | 155.90 | |
| 16+70RT | 0.58 | 0.93 | 1.51 | 101.17 | 266.10 | | | | | 2 | 40.12 | 225.98 | |
| * 20+71RT | 0.93 | 6.40 | 7.33 | 491.11 | 801.57 | | | | | 3 | 62.95 | 14.47 | 724.15 |

* 4.893 Acres is off-site drainage included in sediment storage.

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.

Sediment trap storage calculation.

| STRUCTURE | DRAINAGE AREA (AC) | REQUIRED SEDIMENT STORAGE (CY) | DEPTH (LF) | SIDE SLOPE | LENGTH (LF) | WIDTH (LF) |
|---|---|---|---|---|---|---|
| A1 | 0.386 | 25.86 | 1.5 | 2:1 | 22 | 22 |
| A2 | 0.266 | 17.82 | 1.5 | 2:1 | 18 | 18 |
| A3 | 0.209 | 14.00 | 1.5 | 2:1 | 16 | 16 |
| A4 | 0.215 | 14.41 | 1.5 | 2:1 | 16 | 16 |
| B3 | 0.465 | 31.16 | 1.5 | 2:1 | 24 | 24 |
| B4 | 0.162 | 10.85 | 1.5 | 2:1 | 14 | 14 |
| B4A | 0.299 | 20.03 | 1.5 | 2:1 | 19 | 19 |
| C1 | 0.300 | 20.10 | 1.5 | 2:1 | 19 | 19 |
| C2 | 0.284 | 19.03 | 1.5 | 2:1 | 19 | 19 |
| C4 | 0.331 | 22.18 | 1.5 | 2:1 | 20 | 20 |
| C5 | 0.284 | 19.03 | 1.5 | 2:1 | 19 | 19 |

## SEDIMENT STORAGE FOR SHEETFLOW

The following table summarizes the required and available sediment storage due to onsite and offsite sheetflow within the project limit. The Contractor shall provide and maintain the storage volumes for the BMPs specified in this table.

| Sheetflow - Clear & Grubbing / Stage 1A | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | TP C Silt Fence | Stone Filter Berm |
| LOCATION | Total Drainage area (acres) | Disturbed area (acres) | Required Sediment Storage Volume ($yd^3$) | Total Storage volume provided ($yd^3$) | Total Volume | Total Volume |
| 7+00 - 14+27,LT | 1.57 | 1.57 | 105.19 | 253.47 | 253.47 | |
| 7+00 - 14+27,RT | 1.21 | 1.21 | 87.07 | 155.90 | 155.90 | |
| 15+52 - 21+05,LT | 1.51 | 1.51 | 101.17 | 101.17 | 225.98 | |
| 15+52 - 23+00,RT | 7.33 | 7.33 | 491.11 | 738.62 | 14.47 | 724.15 |

GEORGIA REGISTERED No. 30086 PROFESSIONAL ENGINEER MICHAEL R. MOSELEY JR.
3/9/2011
GSWCC LEVEL II Certification #0000007827

PBS&J

| DATE | REVISIONS | DATE | REVISIONS |
|---|---|---|---|
| | | | |

STATE OF GEORGIA
DEPARTMENT
OF
TRANSPORTATION

GEORGIA
DEPARTMENT OF TRANSPORTATION
ESPC GENERAL NOTES
PROJECT BRN00-0006-04(032)
S.R. 3 OVER POTATO CREEK
UPSON COUNTY

DRAWING NO.
51-3

3/4/2011