



Beaufort County Public Works **Stormwater Infrastructure** *Project Summary*

Project Summary: Bermuda Bluff Road

Project #: 2010-125 Completed: Mar-10

Narrative Description of Project:
 Repaired and reinstalled 8 L.F. of crossline pipe to correct elevation.
 Repaired washout. Installed rip rap for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
Fill Dirt	ton	\$1.00	10.6	\$10.61
Rip Rap	ton	\$47.08	7.5	\$351.22
#57 Stone	ton	\$34.78	3.4	\$118.60
FLBC	ton	\$26.55	3.4	\$89.21
Asphalt	ton	\$79.92	1.7	\$138.26
Silt Fence	sy	\$0.78	5.8	\$4.55
Filter Blanket	sy	\$0.63	41.7	\$26.25
Type "S" Cement	bag	\$9.35	3.0	\$28.05
Hydraulic Cement	bucket	\$45.21	0.5	\$22.61
Concrete Bricks	each	\$0.36	6.0	\$2.16
Turf Staples	each	\$0.03	25.0	\$0.75
Asphalt Roller Rental				\$73.69
Gas	gallon	\$2.59	23.3	\$60.22
Diesel	gallon	\$2.57	72.5	\$186.33
Labor	hours		91.0	\$3,034.73
Total Cost of Materials, Rental Equip., and Labor				\$4,147.22

Note: Labor cost includes the employee's salary plus fringe benefits.

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
Komatsu Mini Excavator	23000	\$18.65	1.0	\$18.65
JCB Urban Excavator	23364	\$40.53	3.0	\$121.59
JD Loader 444J	23271	\$29.75	2.0	\$59.50
Dump Trucks		\$16.68	24.0	\$400.32
Pickup Trucks		\$4.17	24.0	\$100.08
Total Equipment Cost				\$700.14

Cost/hour excludes fuel cost.

Total Cost: \$4,847.36

Site Photographs

Before



During



After





Project: Bermuda Bluff Road

Activity: Drainage Maintenance

Project #: 2010-125

Township: St. Helena Island

Completed: March 2010

Legend

Drainage Type

- River
- Stream
- Outfall
- Lateral
- Roadside
- Roadside Pipe
- Crossline
- D/W
- Access
- Piped
- Bleeder



1 inch equals 213.74 feet