



Beaufort County Public Works

Stormwater Infrastructure

Project Summary

Project Summary: Folly Road Outfall Ph I

Project #: 2009-142 Completed: Mar-10

Narrative Description of Project:
 Project improved 650 L.F. of drainage system. Removed blockage from flowline. Grubbed and cleared 220 L.F. of workshelf. Cleaned out 650 L.F. of outfall ditch. Installed (1) access pipe. Installed rip rap for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
15" RCP Pipe	linear feet	\$9.79	24.0	\$234.96
Fill Dirt	ton	\$1.00	15.9	\$15.91
Rip Rap	ton	\$47.08	3.7	\$175.61
Silt Fence	sy	\$0.78	3.9	\$3.03
Turf Staples	each	\$0.03	40.0	\$1.20
Filter Blanket	sy	\$0.63	20.8	\$13.12
Caution Tape	roll	\$14.55	1.0	\$14.55
Flagging Tape	roll	\$1.34	0.2	\$0.20
Excavator Rental				\$435.14
Diesel	gallon	\$2.59	86.0	\$222.74
Gas	gallon	\$2.57	43.0	\$110.51
Labor	hours		247.0	\$8,488.33
Total Cost of Materials, Rental Equip., and Labor				\$9,715.31

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

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
Bobcat T300	22847	\$20.10	2.0	\$40.20
JCB Backhoe	22810	\$36.50	10.0	\$365.00
LD Loader 444J	23271	\$29.75	2.0	\$59.50
Dump Trucks		\$16.68	27.0	\$450.36
Pickup Trucks		\$4.17	83.0	\$346.11
Total Equipment Cost				\$1,261.17

Cost/hour excludes fuel cost.

Total Cost: \$10,976.48

Site Photographs

Before



During



Project: Folly
Road Outfall
Phase I

Activity: Drainage
Maintenance












Project #:
2009-142

Township: St.
Helena Island

Completed:
March 2010

Legend

Drainage Type

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

Cleaned out 430 LF
of outfall ditch.

Grubbed and cleared 220
LF of workshelf. Cleaned
out 220 LF of outfall ditch.

Removed blockage from
flowline. Installed (1) access
pipe and rip rap for erosion
control.

0 62.5 125 250 375 500
Feet

1 inch = 232 feet

Prepared By: BC Stormwater Management Utility
Date Print: 10/28/10
File: C:\sethdata\project\projectmap\Folly Rd OF 2009-142