



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Thomas Atkins Road

Project #: 2011-616

Completed: Mar-11

Narrative Description of Project:

Project improved 61 L.F. of drainage system. Cleaned out 61 L.F. of roadside ditch. Replaced (1) driveway pipe.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
15" RCP Pipe	linear feet	\$9.62	24.0	\$230.88
Fill Dirt	ton	\$1.00	10.6	\$10.61
#4 Stone	ton	\$36.38	3.4	\$124.15
Silt Fence	sy	\$0.63	3.1	\$1.96
Filter Blanket	sy	\$0.78	13.9	\$10.83
Turf Staple	each	\$0.03	20.0	\$0.60
Diesel	gallon	\$3.40	28.0	\$95.20
Gas	gallon	\$3.22	7.0	\$22.54
Labor	hours		43.5	\$939.76
Indirect Labor, Services, and Supplies				\$645.43
Total Cost of Materials, Rental Equip., and Labor				\$2,081.95

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

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
Komatsu Mini Excavator	23000	\$14.90	2.5	\$37.25
JD Loader 444J	23271	\$29.75	1.0	\$29.75
Dump Truck	23106	\$13.31	7.0	\$93.17
Pickup Trucks		\$4.12	10.0	\$41.20
Total Equipment Cost				\$201.37

Cost/hour excludes fuel cost.

Total Cost: \$2,283.32

Site Photographs

During



After





Project: Thomas Atkins Road

Activity: Drainage Maintenance














Project #:
2011-616

Township: Lady's Island

Completed:
March 2011

Legend

Drainage Type

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

0 30 60 120 180 240
Feet

1 inch = 80 feet

Prepared By: BC Stormwater Management Utility
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