



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Thomas Sumpter Street

Project #: 2010-256 Completed: Jul-10

Narrative Description of Project:
 Project improved 400 L.F. of drainage system. Installed 400 L.F. of outfall pipe. Installed rip rap and hydroseeded for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
24" HDPE Pipe	linear feet	\$13.89	400.0	\$5,556.00
Fill Dirt	ton	\$1.00	593.9	\$593.88
Rip Rap	ton	\$43.87	3.7	\$163.64
Silt Fence	sy	\$0.78	73.9	\$57.63
Filter Blanket	sy	\$0.63	27.8	\$17.50
Turf Staple	each	\$0.03	30.0	\$0.90
10-10-10 Fertilizer	bag	\$11.72	1.0	\$11.72
Hydrogel	cup	\$2.82	1.0	\$2.82
Hydromulch	bale	\$12.22	2.0	\$24.44
Hydromax Liquid Fertilizer	cup	\$2.54	1.0	\$2.54
Bermuda Grass Seed	bag	\$128.40	1.0	\$128.40
Water	gallon	\$0.01	500.0	\$5.00
Diesel	gallon	\$2.61	503.0	\$1,312.83
Gas	gallon	\$2.54	56.0	\$142.24
Labor	hours		338.5	\$7,278.87
Indirect Labor, Services, and Supplies				\$4,965.41
Total Cost of Materials, Rental Equip., and Labor				\$20,263.81

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

Equipment Cost

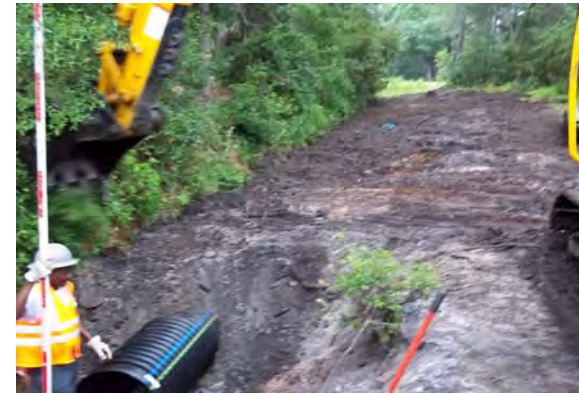
Item	Asset No.	Cost/Hour	Hrs.	Cost
Volvo 290 Excavator	22870	\$54.13	5.0	\$270.65
CAT 325 Excavator	16649	\$22.84	8.0	\$182.72
JCB Urban Excavator	23364	\$31.45	21.0	\$660.45
JD Loader 444J	23271	\$29.75	8.0	\$238.00
Bobcat T300	22847	\$20.10	10.0	\$201.00

Site Photographs

Before



During



After



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Equipment Cost

Item	Asset No.	Cost/Hour	Hrs.	Cost
Hydroseeder	23474	\$12.44	1.0	\$12.44
Dump Trucks		\$13.31	107.0	\$1,424.17
Pickup Trucks		\$4.12	66.0	\$271.92
Total Equipment Cost				\$3,261.35

Cost/hour excludes fuel cost.

Total Cost: \$23,525.16

Site Photographs

Before



During



After



Project: Thomas Sumpter Street

Activity: Drainage Maintenance















Project #: 2010-256

Township: Lady's Island

Completed: July 2010

Legend

Drainage Type

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

Installed 400 LF of outfall pipe. Installed rip rap and hydroseeded for erosion control.



1 inch = 128 feet

Prepared By: BC Stormwater Management Utility

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File: C:/sethdata/projects/projectmaps/Thomas Sumpter St 2010-256