



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Little Capers Road Outfall

Project #: 2011-544 Completed: Oct-10

Narrative Description of Project:
 Project improved 327 L.F. of drainage system. Shinn cut 260 L.F. of outfall ditch and workshelf. Grubbed and cleared 260 L.F. workshelf. Cleaned out 267 L.F. outfall ditch and hand cleaned 60 L.F. of outfall ditch. Installed (1) access pipe. Repaired washout. Hydroseeded for erosion

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
18" HDPE Pipe	linear feet	\$8.71	20.0	\$174.20
Fill Dirt	ton	\$1.00	106.1	\$106.05
10-10-10 Fertilizer	bag	\$11.72	1.0	\$11.72
Hydromulch	bale	\$12.22	2.0	\$24.44
Hydrogel	cup	\$2.82	1.0	\$2.82
Hydromax Liquid Fertilizer	cup	\$2.54	1.0	\$2.54
Annual Rye Grass Seed	bag	\$19.21	1.0	\$19.21
Straw Mat	roll	\$45.48	2.0	\$90.96
Turf Staples	each	\$0.03	60.0	\$1.80
Water	gallon	\$0.01	500.0	\$5.00
Debris Disposal	ton	\$33.00	91.1	\$3,007.62
Tree Service				\$1,500.00
Gas	gallon	\$2.49	59.0	\$146.91
Diesel	gallon	\$2.56	519.0	\$1,328.64
Labor	hours		441.0	\$9,726.68
Indirect Labor, Services, and Supplies				\$6,774.09
Total Cost of Materials, Rental Equip., and Labor				\$22,922.68

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

Equipment Cost

Item	Asset No.	Cost/Hour	Hrs.	Cost
Shinn Cutter	22943	\$35.74	3.0	\$107.22
Volvo 290 Excavator	22870	\$54.13	33.0	\$1,786.29
Volvo 330 Excavator	22993	\$59.32	2.0	\$118.64
Komatsu Mini Excavator	23000	\$14.90	3.0	\$44.70
JD Loader 444J	23271	\$29.75	2.0	\$59.50
Bobcat T300	22847	\$20.10	4.0	\$80.40

Site Photographs

Before



During



After



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Equipment Cost

Item	Asset No.	Cost/Hour	Hrs.	Cost
Lowboy	23118	\$34.64	5.0	\$173.20
Hydroseeder	23474	\$12.44	2.0	\$24.88
Chipper	19411	\$7.64	8.0	\$61.12
Dump Trucks		\$13.31	96.0	\$1,277.76
Pickup Trucks		\$4.12	127.0	\$523.24
Total Equipment Cost				\$4,256.95

Cost/hour excludes fuel cost.

Total Cost: \$27,179.63

Site Photographs

Before



During



After



Project: Little Capers Road Outfall

Activity: Drainage Maintenance














Project #: 2011-544

Township: Lady's Island

Completed: October 2010

Legend

Drainage Type

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



Shinn cut 260 LF of outfall ditch and workshelf. Grubbed and cleared 260 LF of workshelf.

Installed (1) access pipe.

Repaired washout.

Cleaned out 271 LF of outfall ditch. Hydroseeded for erosion control.

Hand cleaned 56 LF of outfall ditch.



1 inch = 90 feet