



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Hobcaw Drive

Project #: 2011-508 Completed: Nov-10

Narrative Description of Project:
Project improved 1,700 L.F. of drainage system. Cleaned out 140 L.F. of roadside ditch and 1,560 L.F. of outfall ditch. Jetted (1) crossline pipe and 40 L.F. of roadside pipe.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
Fill Dirt	ton	\$1.00	26.5	\$26.50
Pin Flags	each	\$0.06	22.0	\$1.32
15-0-15 Fertilizer	bag	\$10.59	1.0	\$10.59
Hydrogel	cup	\$2.82	1.0	\$2.82
Hydromulch	bales	\$12.22	2.0	\$24.44
Hydromax Liquid Fertilizer	cup	\$2.54	1.0	\$2.54
Annual Rye Grass Seed	bag	\$19.21	1.0	\$19.21
Water	gallon	\$0.01	1,250	\$12.50
Diesel	gallon	\$2.63	122.0	\$320.86
Gas	gallon	\$2.50	1.0	\$2.50
Labor	hours		170.0	\$3,780.08
Indirect Labor, Services, and Supplies				\$2,656.32
Total Cost of Materials, Rental Equip., and Labor				\$6,859.68

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	20.0	\$298.00
JD Loader 444J	23271	\$29.75	2.0	\$59.50
Bobcat T320	23388	\$21.00	2.0	\$42.00
Vacuum Truck	22812	\$22.16	2.0	\$44.32
Hydroseeder	23474	\$12.44	1.0	\$12.44
Dump Trucks		\$13.31	38.0	\$505.78
Pickup Trucks		\$4.12	44.0	\$181.28
Total Equipment Cost				\$1,143.32

Cost/hour excludes fuel cost.

Total Cost: \$8,003.00

Site Photographs

Before



During



After



Project: Hobcaw Drive

Activity: Drainage Maintenance














Project #: 2011-508

Township: Port Royal Island

Completed: November 2010

Legend

Drainage Type

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



1 inch = 160 feet