



**Beaufort County Public Works
Stormwater Infrastructure
Project Summary**

Project Summary: Windy Lakes Phase II/Sugaree Drive and Lotus Court

Project #: 2010-124R Completed: Dec-10

Narrative Description of Project:
Repaired washout and hydroseeded for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
Fill Dirt	ton	\$1.00	10.6	\$10.61
Rip Rap	ton	\$43.87	11.2	\$490.47
Filter Blanket	sy	\$0.63	9.7	\$6.12
Turf Staples	each	\$0.03	15.0	\$0.45
10-10-10 Fertilizer	bag	\$11.72	0.5	\$5.86
Hydromulch	bale	\$12.22	1.0	\$12.22
Hydrogel	cup	\$2.82	0.5	\$1.41
Hydromax Liquid Fertilizer	cup	\$2.54	0.5	\$1.27
Brown Top Millet Grass Seed	bag	\$21.40	0.5	\$10.70
Water	gallon	\$0.01	250.0	\$2.50
Quikrete Concrete	bag	\$3.19	2.0	\$6.38
4x4 Post	each	\$6.27	4.0	\$25.08
Diesel	gallon	\$2.63	45.0	\$118.35
Gas	gallon	\$2.50	26.0	\$65.00
Labor	hours		64.0	\$1,398.80
Indirect Labor, Services, and Supplies				\$966.15
Total Cost of Materials, Rental Equip., and Labor				\$3,121.37

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

Equipment Cost

Item	Asset	Cost/Hou	Hrs.	Cost
JD Loader 444J	23271	\$29.75	2.0	\$59.50
JCB Backhoe	22810	\$36.50	3.0	\$109.50
Bobcat T320	23388	\$21.00	5.0	\$105.00
Hydroseeder	23474	\$12.44	1.5	\$18.66
Dump Trucks		\$13.31	9.0	\$119.79
Pickup Trucks		\$4.12	22.0	\$90.64
Total Equipment Cost				\$503.09

Cost/hour excludes fuel cost.

Total Cost: \$3,624.46

Site Photographs

Before



During



After





Project: Lotus Court/Windy Lakes Phase II

Activity: Drainage Maintenance












Project #: 2010-124R

Township: Bluffton

Completed: December 2010

Legend

Drainage Type

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

Repaired washout. Hydroseeded for erosion control.



1 inch = 72 feet