



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Cherokee Farms Road
 Project #: 2011-588 Completed: Feb-11
 Narrative Description of Project:
 Extended (1) crossline pipe. Repaired washout. Installed straw mat, rip rap and handseed for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
30" RCP Pipe	linear feet	\$25.42	8.0	\$203.36
Fill Dirt	ton	\$1.00	21.2	\$21.21
Rip Rap	ton	\$43.87	14.9	\$654.10
#57 Stone	ton	\$47.00	6.8	\$320.78
Silt Fence	sy	\$0.78	3.9	\$3.03
Filter Blanket	sy	\$0.63	41.7	\$26.25
Turf Staple	each	\$0.03	45.0	\$1.35
Straw Mat	roll	\$45.48	0.8	\$34.11
Annual Rye Grass Seed	bag	\$24.61	0.5	\$12.31
Debris Disposal	ton	\$15.00	0.4	\$6.60
Diesel	gallon	\$2.81	31.7	\$89.08
Gas	gallon	\$2.95	9.1	\$26.85
Labor	hours		58.0	\$1,252.53
Indirect Labor, Services, and Supplies				\$853.98
Total Cost of Materials, Rental Equip., and Labor				\$3,505.52

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

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
JCB Urban Excavator	23364	\$31.45	3.0	\$94.35
JD Loader 444J	23271	\$29.75	1.0	\$29.75
Dump Trucks		\$13.31	12.0	\$159.72
Pickup Trucks		\$4.12	18.0	\$74.16
Total Equipment Cost				\$357.98

Cost/hour excludes fuel cost.

Total Cost: \$3,863.50

Site Photographs

Before



During



After





Project: Cherokee Farms Road

Activity: Drainage Maintenance














Project #: 2011-588

Township: Port Royal Island

Completed: February 2011

Legend

Drainage Type

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

Extended (1) crossline pipe.
 Repaired washout. Installed
 straw mat, rip rap and hydroseeded
 for erosion control.



1 inch = 201 feet

Prepared By: BC Stormwater Management Utility

Date Print: 4/20/11

File: C:/sethdata/projects/projectmaps/Cherokee Farms Rd 2011-588