



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Polite Road

Project #: 2008-013R Completed: Dec-10

Narrative Description of Project:
Project improved 735 L.F. of drainage system. Cleaned 735 L.F. of roadside ditch. Repaired washout. Jetted (2) crossline pipes and (1) access pipe. Installed straw mat for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
Turf Staple	each	\$0.03	25.0	\$0.75
Straw Mat	roll	\$45.48	1.0	\$45.48
Pin Flag	each	\$0.06	4.0	\$0.24
Water	gallon	\$0.01	2,900	\$29.00
Diesel	gallon	\$2.69	47.3	\$127.24
Labor	hours		103.0	\$2,263.32
Indirect Labor, Services, and Supplies				\$1,572.59
Total Cost of Materials, Rental Equip., and Labor				\$4,038.62

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	5.0	\$74.50
Vacuum Truck	22812	\$22.16	5.0	\$110.80
Pipe Washer	16791	\$7.61	6.0	\$45.66
Dump Truck	23106	\$13.31	15.0	\$199.65
Pickup Trucks		\$4.12	23.0	\$94.76
Total Equipment Cost				\$525.37

Cost/hour excludes fuel cost.

Total Cost: \$4,563.99

Site Photographs

Before



During



After



Project: Polite Drive

Activity: Drainage Maintenance















Project #:
2008-013R

Township: Port
Royal Island

Completed:
December 2010

Legend

Drainage Type

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



0 37.5 75 150 225 300 Feet

1 inch = 92 feet

Prepared By: BC Stormwater Management Utility
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File: C:/sethdata/projects/projectmaps/Polite Dr 2008-013R