



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Wimbee Landing Road
 Project #: 2010-073 Completed: Oct-09
 Narrative Description of Project:
 Cleaned out 20 L.F of roadside ditch. Installed (1) access pipe and rip rap for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
24" RCP Pipe	linear feet	\$17.86	32.0	\$571.52
Fill Dirt	ton	\$1.00	42.4	\$42.42
Rip Rap	ton	\$47.08	3.7	\$175.61
Filter Blanket	sy	\$0.63	27.8	\$17.50
Silt Fence	sy	\$0.78	7.8	\$6.07
Turf Staples	each	\$0.03	40.0	\$1.20
Diesel	gallon	\$2.37	50.0	\$118.50
Gas	gallon	\$2.33	5.0	\$11.65
Labor	hours		60.0	\$2,056.08
Total Cost of Materials, Rental Equip., and Labor				\$3,000.55

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

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
Komatsu Mini Excavator	23000	\$18.65	5.0	\$93.25
JD Loader 444J	23271	\$29.75	2.0	\$59.50
Dump Trucks		\$16.68	12.0	\$200.16
Pickup Trucks		\$4.17	14.0	\$58.38
Total Equipment Cost				\$411.29

Cost/hour excludes fuel cost.
 Total Cost: \$3,411.84

Site Photographs

Before



During



After



Project: Wimbee Landing Road

Activity: Drainage Maintenance












Project #: 2010-073

Township: Sheldon

Completed: October 2009

Legend

Drainage Type

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



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1 inch equals 162.95 feet