



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Wimbee Landing Road

Project #: 2011-584 Completed: Feb-11

Narrative Description of Project:
Removed blockage from flowline due to beaver dam. Replaced (1) access pipe. Jetted (1) access pipe. Installed rip rap for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
36" RCP Pipe	linear feet	\$38.52	32.0	\$1,232.64
Fill Dirt	ton	\$1.00	79.5	\$79.54
Rip Rap	ton	\$43.87	7.5	\$326.83
#57 Stone	ton	\$37.36	13.7	\$509.96
Filter Blanket	sy	\$0.63	41.6	\$26.21
Turf Staple	each	\$0.03	40.0	\$1.20
Water	gallon	\$0.01	1,000	\$10.00
4ft Flagger	each	\$0.34	2.0	\$0.68
Diesel	gallon	\$2.81	166.4	\$467.58
Gas	gallon	\$2.95	44.7	\$131.87
Non-Professional Services				\$700.00
Labor	hours		145.0	\$3,193.82
Indirect Labor, Services, and Supplies				\$2,210.01
Total Cost of Materials, Rental Equip., and Labor				\$8,890.34

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

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
CAT 308D Excavator	23514	\$27.58	1.0	\$27.58
JCB Urban Excavator	23364	\$31.45	6.0	\$188.70
JD Loader 444J	23271	\$29.75	3.0	\$89.25
JCB Backhoe	22810	\$36.50	1.0	\$36.50
Bobcat T300	22847	\$20.10	2.0	\$40.20
Vacuum Truck	22812	\$22.16	14.0	\$310.24
Dump Trucks		\$13.31	43.0	\$572.33
Pickup Trucks		\$4.12	26.0	\$107.12
Total Equipment Cost				\$1,371.92

Cost/hour excludes fuel cost.

Total Cost: \$10,262.26

Site Photographs

Before



During



After





Project: Wimbee Landing Road

Activity: Drainage Maintenance














Project #: 2011-584

Township: Sheldon

Completed: February 2011

Legend

Drainage Type

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



1 inch = 311 feet

Prepared By: BC Stormwater Management Utility

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