



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

Project Summary: Ashwood Circle  
 Project # 2009-078                      Completed: Feb-09  
 Narrative Description of Project:  
 Cleaned out 50 L.F. of outfall ditch and 183 L.F. of roadside ditch.  
 Installed rip rap and handseeded for erosion control.

**Material Cost, Rental Equipment Summary, and Labor**

Material	Unit	Cost/Unit	Qty	Cost
Rip Rap	ton	\$49.22	3.7	\$183.59
Filter Blanket	sy	\$0.48	13.9	\$6.67
Turf Staples	each	\$0.03	10.0	\$0.30
10-10-10 Fertilizer	bag	\$14.55	0.5	\$7.28
Annual Rye Grass Seed	bag	\$29.35	1.3	\$36.69
Marking Paint	can	\$4.01	1.0	\$4.01
Gas	gallon	\$1.45	18.0	\$26.10
Diesel	gallon	\$1.76	37.0	\$65.12
Labor	hours		64.0	\$2,315.26
<b>Total Cost of Materials, Rental Equip., and Labor</b>				<b>\$2,645.01</b>

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

**Equipment Cost**

Item	Asset	Cost/Hour	Hrs.	Cost
Komastu Mini Excavator	23000	\$18.65	3.5	\$65.28
Bobcat T200	22782	\$17.40	2.0	\$34.80
JCB Backhoe	22810	\$36.50	5.0	\$182.50
Lowboy	18502	\$34.64	1.5	\$51.96
Pickup Trucks		\$5.43	23.0	\$124.89
Dump Trucks		\$16.68	10.5	\$175.14
<b>Total Equipment Cost</b>				<b>\$634.57</b>

Cost/hour excludes fuel cost.  
 Total Cost:                      \$3,279.58

**Site Photographs**

Before



During



After





Project: Ashwood Circle Reimbursement

Activity: Ditch Maintenance

Project #: 2009-078

Township: Town of Port Royal

Completed: February 2009

**Legend**

**Drainage Type**

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



1 inch equals 83.75 feet