



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

Project Summary: Wiggfall Road

Project #: 2011-529

Completed: Jul-10

Narrative Description of Project:

Replaced (1) crossline pipe. Installed rip rap for erosion control.

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

Material	Unit	Cost/Unit	Qty	Cost
18" RCP Pipe	linear feet	\$11.47	32.0	\$367.04
Rip Rap	ton	\$47.08	3.7	\$175.61
Rerock	ton	\$6.30	6.7	\$42.34
Silt Fence	sy	\$0.78	5.8	\$4.55
Filter Blanket	sy	\$0.63	27.8	\$17.50
Turf Staples	each	\$0.03	25.0	\$0.75
Diesel	gallon	\$2.61	54.0	\$140.94
Gas	gallon	\$2.54	21.0	\$53.34
Labor	hours		91.5	\$1,960.98
Indirect Labor, Services, and Supplies				\$1,332.61
<b>Total Cost of Materials, Rental Equip., and Labor</b>				<b>\$4,095.65</b>

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
Bobcat T320	23388	\$21.00	2.0	\$42.00
JD Loader 444J	23271	\$29.75	1.0	\$29.75
Dump Trucks		\$13.31	19.0	\$252.89
Pickup Trucks		\$4.12	12.0	\$49.44
<b>Total Equipment Cost</b>				<b>\$468.43</b>

Cost/hour excludes fuel cost.

Total Cost: \$4,564.08

**Site Photographs**

(Pictures Not Available)

Project: Wiggfall Road

Activity: Drainage Maintenance

Project #:  
2011-529

Township: St.  
Helena Island

Completed:  
July 2010



### Legend

#### Drainage Type

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

Replaced (1) crossline pipe. Installed rip rap for erosion control.

0 50 100 200 300 400 Feet

1 inch equals 125 feet