



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

Project Summary: Royal Pines Subdivision - Pickens Street

Project #: 2010-111                      Completed: Feb-10

Narrative Description of Project:  
 Removed blockage from flowline by hand. Upsized (1) access pipe.  
 Installed rip rap for erosion control.

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

Material	Unit	Cost/Unit	Qty	Cost
30" HDPE Pipe	linear feet	\$21.20	20.0	\$424.00
Fill Dirt	ton	\$1.00	15.9	\$15.91
Rip Rap	ton	\$47.08	3.7	\$175.61
Filter Blanket	sy	\$0.63	27.8	\$17.50
Turf Staples	each	\$0.03	40.0	\$1.20
Pin Flags	each	\$0.06	2.0	\$0.12
Gas	gallon	\$2.44	5.0	\$12.20
Diesel	gallon	\$2.43	66.0	\$160.38
Labor	hours		105.0	\$3,598.54
<b>Total Cost of Materials, Rental Equip., and Labor</b>				<b>\$4,405.46</b>

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	4.0	\$74.60
Bobcat T300	22847	\$20.10	1.0	\$20.10
JD Loader 444J	23271	\$29.75	5.0	\$148.75
Dump Trucks		\$16.68	17.5	\$291.90
Pickup Trucks		\$4.17	24.5	\$102.17
<b>Total Equipment Cost</b>				<b>\$637.52</b>

Cost/hour excludes fuel cost.

Total Cost:                      \$5,042.97

**Site Photographs**

Before



During



After



Project: Royal Pines Subdivision  
Pickens Street

Activity: Drainage  
Maintenance












Project #:  
2010-111

Township: Port  
Royal Island

Completed:  
February 2010

### Legend

#### Drainage Type

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



1 inch equals 164.86 feet

Prepared By: BC Stormwater Management Utility

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File: C:\sethdata\project\projectmap\Pickens St Royal Pines SD 2010-111