



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

Project Summary: Ihly Farm Road  
 Project #: 2011-614                      Completed: Feb-11  
 Narrative Description of Project:  
 Replaced (1) crossline pipe. Installed rip rap and handseeded for erosion control.

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

Material	Unit	Cost/Unit	Qty	Cost
24" HDPE Pipe	linear feet	\$13.89	40.0	\$555.60
Fill Dirt	ton	\$1.00	63.6	\$63.63
Rip Rap	ton	\$43.87	29.8	\$1,308.20
Silt Fence	sy	\$0.78	2.3	\$1.82
Filter Blanket	sy	\$0.63	69.4	\$43.72
Turf Staple	each	\$0.03	50.0	\$1.50
10-10-10 Fertilizer	bag	\$11.72	0.5	\$5.86
Annual Rye Grass Seed	bag	\$24.61	0.5	\$12.31
Gas	gallon	\$2.95	17.4	\$51.33
Diesel	gallon	\$2.81	58.1	\$163.26
Labor	hours		50.0	\$1,126.36
Indirect Labor, Services, and Supplies				\$795.66
<b>Total Cost of Materials, Rental Equip., and Labor</b>				<b>\$4,129.25</b>

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

**Equipment Cost**

Item	Asset	Cost/Hour	Hrs.	Cost
Volvo 290 Excavator	22870	\$54.13	6.0	\$324.78
JD Loader 444J	23271	\$29.75	1.0	\$29.75
Lowboy	23118	\$34.64	2.0	\$69.28
Dump Trucks		\$13.31	11.0	\$146.41
Pickup Trucks		\$4.12	22.0	\$90.64
<b>Total Equipment Cost</b>				<b>\$660.86</b>

Cost/hour excludes fuel cost.  
 Total Cost:                      \$4,790.11

**Site Photographs**

Before



During



After





Project: Ihly Farm Road

Activity: Drainage Maintenance

Project #: 2011-614

Township: Port Royal Island

Completed: February 2011



### Legend

#### Drainage Type

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

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

0 80 160 320 480 640 Feet

1 inch = 190 feet

Prepared By: BC Stormwater Management Utility  
Date Print: 5/20/11  
File: C:/sethdata/projects/projectmaps/Ihly Farm Rd 2011-614