



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

Project Summary: Irongate Drive
 Project #: 2009-124 Completed: Mar-09
 Narrative Description of Project:
 Grubbed and cleared 165 L.F of outfall ditch and workshelf. Repaired crossline.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
Fill Dirt	ton	\$1.00	10.6	\$10.61
FLBC	ton	\$33.73	3.4	\$113.33
Flowable Fill	cy	\$104.68	12.0	\$1,256.16
Asphalt	ton	79.18	6.0	\$475.08
Concrete Brick	each	\$0.31	10.0	\$3.10
Type S Cement	bag	\$6.55	1.0	\$6.55
Hydraulic Cement	bucket	\$45.21	1.0	\$45.21
All Purpose Sand	bag	\$3.80	2.0	\$7.60
Debris Disposal	ton	\$16.00	17.8	\$284.64
Excavator Rental				\$652.71
Diesel	gallon	\$1.66	106.0	\$175.96
Gas	gallon	\$1.81	41.0	\$74.21
Labor	hours		236.0	\$8,192.95
Total Cost of Materials, Rental Equip., and Labor				\$11,298.12

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

Equipment Cost

Item	Asset No.	Cost/Hou	Hrs.	Cost
Bobcat T200	22782	\$17.40	2.0	\$34.80
Asphalt Roller	19994	19.08	1.0	\$19.08
Dump Trucks		\$16.68	38.0	\$54.68
Pickup Trucks		\$5.43	73.0	\$78.43
Total Equipment Cost				\$186.99

Cost/hour excludes fuel cost.
 Total Cost: \$11,485.11

Site Photographs

Before



During



After



Project: Irongate Drive

Activity: Ditch Maintenance












Project #: 2009-124

Township: Port Royal Island

Completed: March 2009

Legend

Drainage Type

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



1 inch equals 137.06 feet