



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

Project Summary: Fort Fremont Road  
 Project # 2009-137                      Completed: Apr-09  
 Bush hogged, grubbed and cleared 422 L.F. of workshelf and outfall ditch. Extended 8 L.F. of crossline pipe. Jetted (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	\$10.59	8.0	\$84.72
Rip Rap	tons	\$47.62	7.5	\$355.25
Filter Blanket	sy	\$0.63	41.7	\$26.25
Turf Staples	each	\$0.06	40.0	\$2.40
Caution Tape	each	\$10.45	1.0	\$10.45
Water	gallon	\$0.01	400.0	\$4.00
Debris Disposal Barnwell	ton	\$33.00	19.7	\$650.43
Diesel	gallon	\$1.87	178.0	\$332.86
Gas	gallon	\$1.84	28.0	\$51.52
Labor	hours		208.0	\$7,145.10
<b>Total Cost of Materials, Rental Equip., and Labor</b>				<b>\$8,662.98</b>

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

**Equipment Cost**

Item	Asset No.	Cost/Hour	Hrs.	Cost
Komatsu Mini Excavator	23000	\$18.65	7.0	\$130.55
Cat Dozer 325	16649	\$58.61	9.0	\$527.49
Bush Hog	22822	\$38.64	5.0	\$193.20
Vacuum Truck	22812	\$20.30	5.0	\$101.50
08 Lowboy	23118	\$34.64	5.0	\$173.20
Dump Trucks		\$16.68	40.5	\$675.54
Pickup Trucks		\$5.43	46.5	\$252.50
<b>Total Equipment Cost</b>				<b>\$2,053.98</b>

Cost/hour excludes fuel cost.  
 Total Cost:                      \$10,716.95

**Site Photographs**

Before



During



After



Project: Fort Fremont Road

Activity: Ditch Maintenance












Project #: 2009-137

Township: St. Helena Island

Completed: April 2009

### Legend

#### Drainage Type

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



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1 inch equals 199.61 feet