



# Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Airport Circle

Project #: 2010-094

Completed: Jul-10

## Narrative Description of Project:

Project improved 485 L.F. of drainage system. Bush hogged 135 L.F. of workshelf. Constructed 225 L.F. of outfall ditch beyond critical line. Cleaned out 260 L.F. of outfall ditch. Repaired (1) crossline pipe. Jetted (2) access pipes and (1) crossline pipe.

## Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
Fill Dirt	ton	\$1.00	5.3	\$5.30
Silt Fence	sy	\$0.78	3.9	\$3.03
Type "S" Cement	bag	\$9.35	2.0	\$18.70
Pin Flag	each	\$0.34	4.0	\$1.36
Caution Tape	roll	\$14.55	0.1	\$1.46
4ft Flagger	each	\$0.34	10.0	\$3.40
Flagging Tape	roll	\$1.87	0.5	\$0.94
Water	gallon	\$0.01	1,500	\$15.00
Non Professional Services				\$15,000
Diesel	gallon	\$2.61	12.0	\$31.32
Gas	gallon	\$2.54	5.0	\$12.70
Labor	hours		169.0	\$4,030.69
Indirect Labor, Services, and Supplies				\$2,922.45
<b>Total Cost of Materials, Rental Equip., and Labor</b>				<b>\$22,046.34</b>

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

## Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
Volvo 330 Excavator	22993	\$59.32	1.0	\$59.32
JCB Urban Excavator	23364	\$31.45	2.0	\$62.90
Komatsu Mini Excavator	23000	\$14.90	3.0	\$44.70
Bobcat T320	23388	\$21.00	2.0	\$42.00
Vaccum Truck	22812	\$22.16	8.5	\$188.36
Dump Trucks		\$13.31	20.0	\$266.20
Pickup Trucks		\$4.12	48.5	\$199.82
<b>Total Equipment Cost</b>				<b>\$863.30</b>

Cost/hour excludes fuel cost.

Total Cost: \$22,909.64

## Site Photographs

Before



During



After





Project: Airport  
Circle

Activity: Drainage  
Maintenance














Project #:  
2010-094

Township: Lady's  
Island

Completed:  
July 2010

### Legend

#### Drainage Type

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

Constructed 225 LF of  
outfall ditch beyond  
critical line.

Bush hogged 135 LF  
of workshelf.

Jetted (2) access  
pipes.

Cleaned out 200 LF  
of outfall ditch.

Repaired and jetted  
(1) crossline pipe.

Cleaned out 60 LF  
of outfall ditch.

0 37.5 75 150 225 300  
Feet

1 inch equals 101 feet

Prepared By: BC Stormwater Management Utility  
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