



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Airport Circle
 Project # : 2009-122 Completed: Jul-09
 Narrative Description of Project:
 Cleaned out 100 L.F. of outfall ditch and (1) catch basin. Replaced (1) crossline pipe and (1) catch basin.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
18" RCP Pipe	linear feet	\$10.59	72.0	\$762.48
Asphalt	ton	\$79.18	14.0	\$1,108.52
Tack	gallon	\$2.68	6.0	\$16.08
3x3 Catch Basin	each	\$667.04	1.0	\$667.04
Flowable Fill	cy	\$81.32	22.0	\$1,789.04
FLBC	ton	\$26.22	6.7	\$176.20
Silt Fence	sy	\$0.78	15.6	\$12.14
Masonry Cement	bag	\$6.55	2.0	\$13.10
Concrete Brick	each	\$0.31	46.0	\$14.26
All Purpose Sand	bag	\$3.80	4.0	\$15.20
Caution Tape	roll	\$14.55	0.3	\$3.64
Water	gallon	\$0.01	80.0	\$0.80
CAT Excavator Rental				\$870.28
Debris Disposal	ton	\$26.00	0.24	\$6.24
Diesel	gallon	\$2.15	226.0	\$485.90
Gas	gallon	\$2.19	80.0	\$175.20
Labor	hours		375.5	\$12,816.35

Total Cost of Materials, Rental Equip., and Labor \$18,932.46

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

Equipment Cost

Item	Asset	Cost/Hou	Hrs.	Cost
Bobcat T200	22782	\$17.40	1.0	\$17.40
Bobcat T300	22847	\$20.10	10.0	\$201.00
JD 444J Loader	23271	\$29.75	1.0	\$29.75
Vacuum Truck	22812	\$20.30	4.0	\$81.20
Asphalt Roller	20237	\$14.78	2.0	\$29.56
Dump Trucks		\$16.68	54.0	\$900.72
Pickup Trucks		\$4.17	85.0	\$354.45

Total Equipment Cost \$1,614.08

Cost/hour excludes fuel cost.

\$20,546.54

Site Photographs

Before



During



After



Project: Airport Circle

Activity: Drainage Maintenance

Project #: 2009-122












Township: Lady's Island

Completed: July 2009



Legend

Drainage Type

-  Rivers
-  Streams
-  Outfall Ditch
-  Lateral
-  Roadside
-  Crossline
-  Driveway
-  Access Pipe
-  Piped Ditch
-  Bleeder
-  Parcels



1 inch equals 184 feet

Prepared By: Beaufort Co. Stormwater Management Utility

Print Date: 7/30/09

File: C:\sethdata\projects\projectmaps\Airport Cir 2009-122