



## Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Airport Circle

Project #: 2011-605                      Completed: Mar-11

Narrative Description of Project:  
Project improved 1,350 L.F. of drainage system. Cleaned out 200 L.F. of outfall ditch and 1,150 L.F. of roadside ditch. Replaced (1) crossline pipe. Installed (3) access pipes and rip rap for erosion control.

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

Material	Unit	Cost/Unit	Qty	Cost
15" RCP Pipe	linear feet	\$9.62	72.0	\$692.64
18" RCP Pipe	linear feet	\$11.47	40.0	\$458.80
Fill Dirt	ton	\$1.00	95.5	\$95.45
Rip Rap	ton	\$43.87	29.8	\$1,308.20
Recycled Concrete	ton	\$1.00	14.2	\$14.18
Silt Fence	sy	\$0.78	29.6	\$23.06
Filter Blanket	sy	\$0.63	83.3	\$52.50
Turf Staple	each	\$0.03	150.0	\$4.50
Pin Flag	each	\$0.06	16.0	\$0.96
Diesel	gallon	\$3.40	282.7	\$961.18
Gas	gallon	\$3.22	31.0	\$99.82
Labor	hours		409.0	\$8,855.01
Indirect Labor, Services, and Supplies				\$6,126.47
<b>Total Cost of Materials, Rental Equip., and Labor</b>				<b>\$18,692.77</b>

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

**Equipment Cost**

Item	Asset	Cost/Hour	Hrs.	Cost
Komatsu Mini Excavator	23000	\$14.90	32.5	\$484.25
JD Loader 444J	23271	\$29.75	1.0	\$29.75
Bobcat T300	22845	\$21.00	1.0	\$21.00
Dump Trucks		\$13.31	102.5	\$1,364.28
Pickup Trucks		\$4.12	75.5	\$311.06
<b>Total Equipment Cost</b>				<b>\$2,210.34</b>

Cost/hour excludes fuel cost.

Total Cost:                      \$20,903.10

**Site Photographs**

During



After



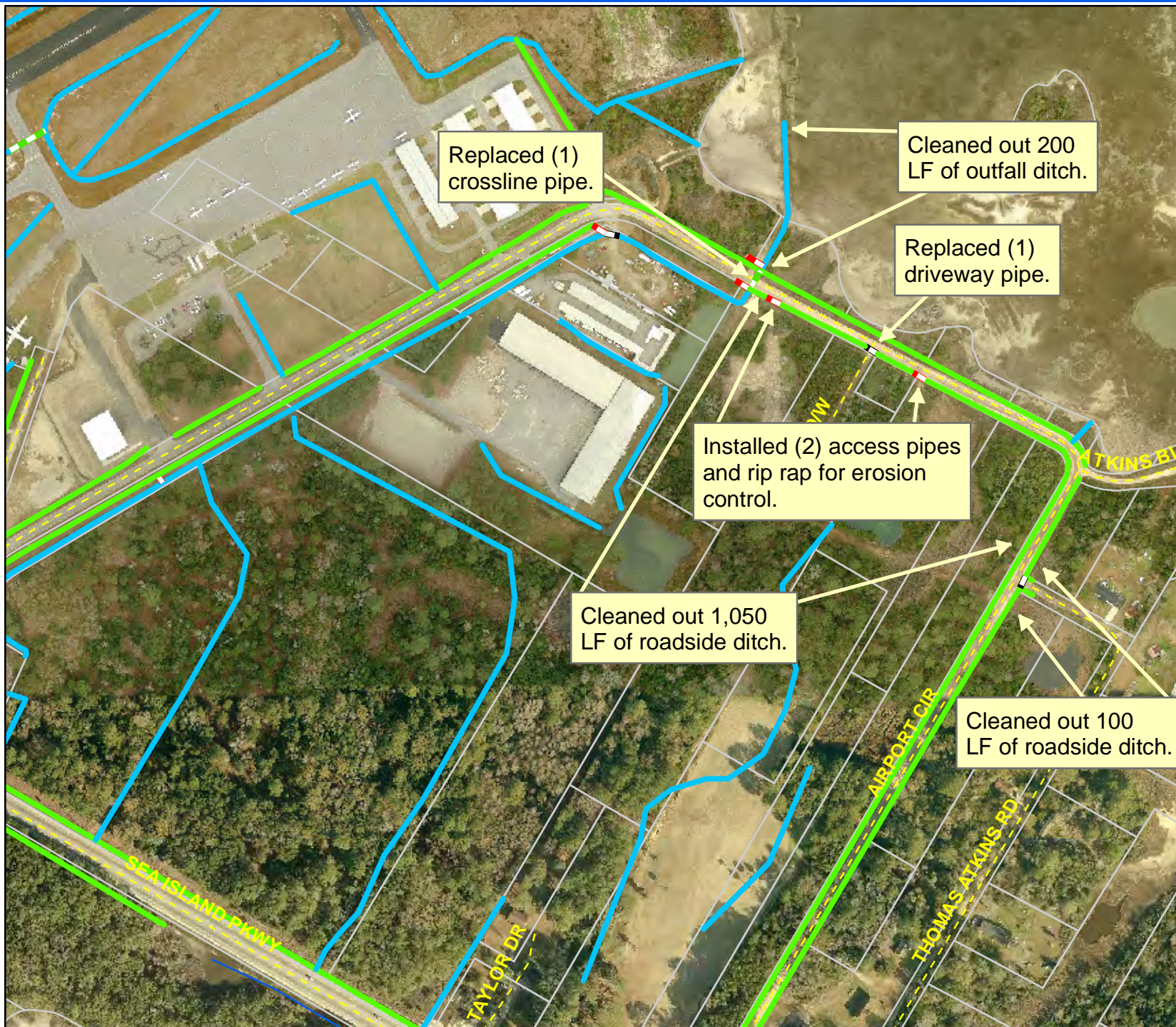
Project: Airport Circle

Activity: Drainage Maintenance

Project #: 2011-605






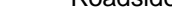








Township: Lady's Island

Completed: March 2011



### Legend

#### Drainage Type

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



1 inch = 329 feet