



## Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Milledge Village Road/Glaze Drive

Project #: 2009-100

Completed: Feb-09

**Narrative Description of Project:**

Project improved 7,202 L.F. of roadside ditch. Cleaned out 7,202 L.F. of roadside ditch. Installed (3) driveway pipes. Cleaned out (1) catch basin. Jetted (4) crossline pipes, (60) driveway pipes and 342 L.F. of roadside pipe. Hydroseeded for erosion control.

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

Material	Unit	Cost/Unit	Qty	Cost
15" RCP Pipe	linear feet	\$9.79	72.0	\$704.88
Fill Dirt	ton	\$1.00	26.5	\$26.51
Silt Fence	sy	\$0.24	9.7	\$2.33
Pin Flags	each	\$0.06	98.0	\$5.88
10-10-10 Fertilizer	bag	\$12.83	5.0	\$64.15
Hydrogel	cup	\$2.82	5.0	\$14.10
Hydromulch	bale	\$16.75	10.0	\$167.50
Hydromax Liquid Fertilizer	cup	\$2.53	5.0	\$12.65
Annual Rye Grass Seed	bag	\$46.92	5.0	\$234.60
Water	gallon	\$0.01	23,700	\$237.00
Gas	gallon	\$1.45	56.0	\$81.20
Diesel	gallon	\$1.76	403.5	\$710.16
Labor	hours		858.5	\$28,743.75

**Total Cost of Materials, Rental Equip., and Labor** \$31,004.71

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

**Equipment Cost**

Item	Asset	Cost/Hou	Hrs.	Cost
Komatsu Mini Excavator	23000	\$18.65	19.0	\$354.35
Bobcat T300	22847	\$20.10	1.0	\$20.10
JCB Backhoe	22810	\$36.50	67.0	\$2,445.50
1999 JCB Backhoe (GS)	19076	\$34.17	5.0	\$170.85
1996 JCB Backhoe (RND)	16771	\$32.38	10.0	\$323.80
Vacuum Truck	22812	\$20.30	40.0	\$812.00
Hydroseeder	18909	\$10.70	5.0	\$53.50
Dump Trucks		\$16.68	161.0	\$2,685.48
Pickup Trucks		\$5.43	212.0	\$1,151.16

**Total Equipment Cost** \$8,016.74

Cost/hour excludes fuel cost.

Total Cost: \$39,021.45

**Site Photographs**

Before

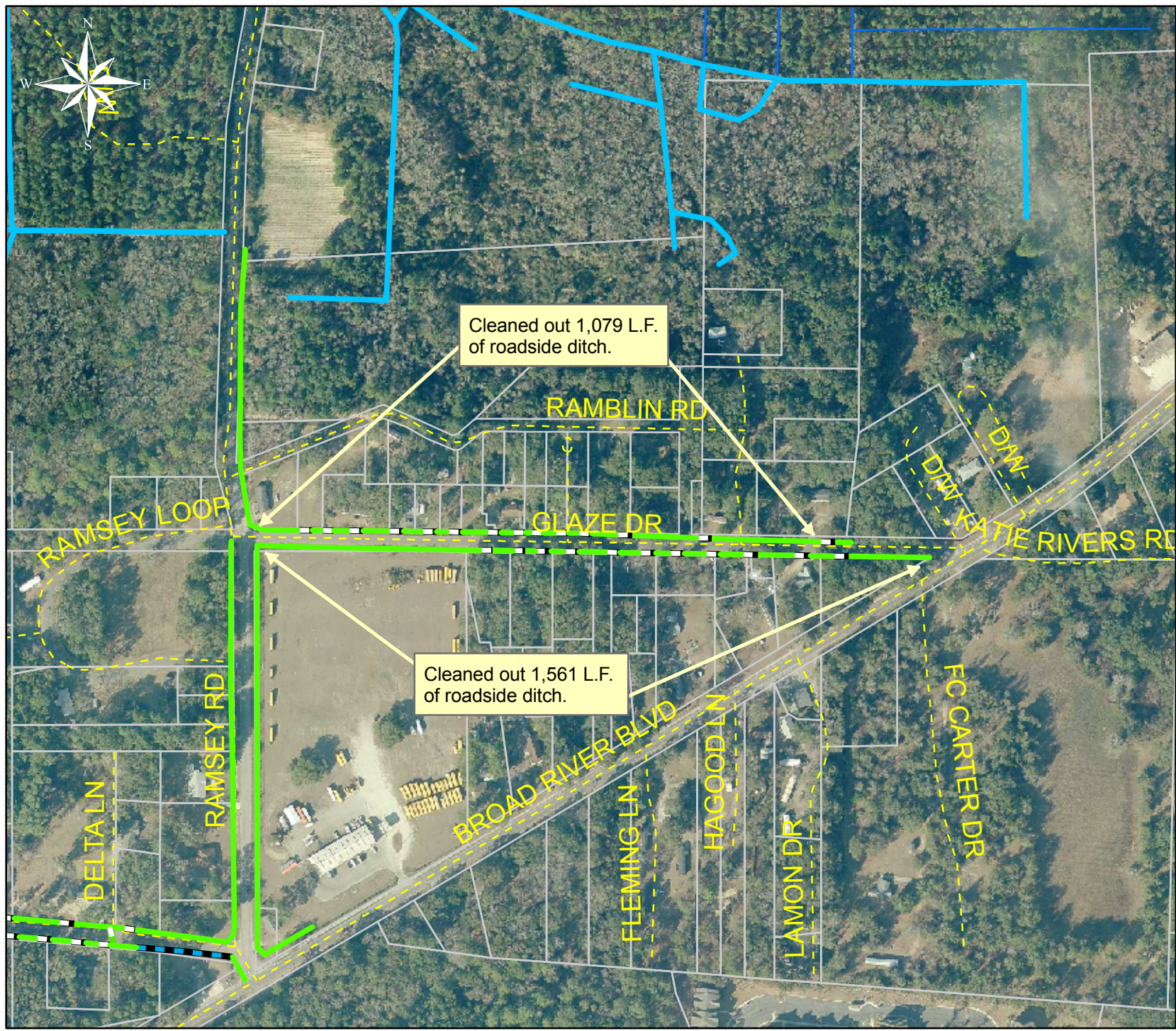


During



After





Project: Milledge Village Road / Glaze Drive Map1

Activity: Ditch Maintenance

Project #: 2009-100

Township: Port Royal Island

Completed: February 2009

**Legend**

**Drainage Type**

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



1 inch equals 322.74 feet

Prepared By: BC Stormwater Management Utility

Date Print: 7/30/09

File:C:\sethdata\projects\projectmaps\Milledge Village Road\Glaze Drive Map1\_2009\_100

Project: Milledge  
Village Road/  
Glaze Drive  
Map2

Activity: Ditch  
Maintenance












Project #:  
2009-100

Township:  
Port Royal Island

Completed:  
February 2009

### Legend

#### Drainage Type

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



1 inch equals 347.98 feet

Prepared By: BC Stormwater Management Utility

Date Print: 7/30/09

File: C:\sethdata\projects\projectmaps\Milledge Village Road/Glaze Drive Map2 2009-100