



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

Project Summary: Vidalia Road
 Project #:2010-212 Completed Apr-10
 Narrative Description of Project:
 Cleaned out 100 L.F. of roadside ditch. Installed (1) crossline pipe 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	24.0	\$230.88
Fill Dirt	ton	\$1.00	10.6	\$10.61
Rip Rap	ton	\$47.08	7.5	\$350.98
Silt Fence	sy	\$0.78	3.9	\$3.03
Filter Blanket Woven	sy	\$0.63	13.9	\$8.74
Turf Staples	each	\$0.03	20.0	\$0.60
Diesel	gallon	\$2.70	47.0	\$126.90
Gas	gallon	\$2.67	13.0	\$34.71
Labor	hours		68.0	\$2,338.51
Total Cost of Materials, Rental Equip., and Labor				\$3,104.96

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

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
Komatsu Mini Excavator	23000	\$18.65	1.5	\$27.98
JD Loader 444J	23271	\$29.75	2.0	\$59.50
JCB Backhoe	22810	\$36.50	4.0	\$146.00
Bobcat T300	22847	\$20.10	1.0	\$20.10
Dump Trucks		\$16.68	12.5	\$208.50
Pickup Trucks		\$4.17	17.5	\$72.98
Total Equipment Cost				\$535.05

Cost/hour excludes fuel cost.

Total Cost: \$3,640.01

Site Photographs

Before



During



After



Project: Vadalía Road

Activity: Drainage Maintenance














Project #: 2010-212

Township: Sheldon

Completed: April 2010

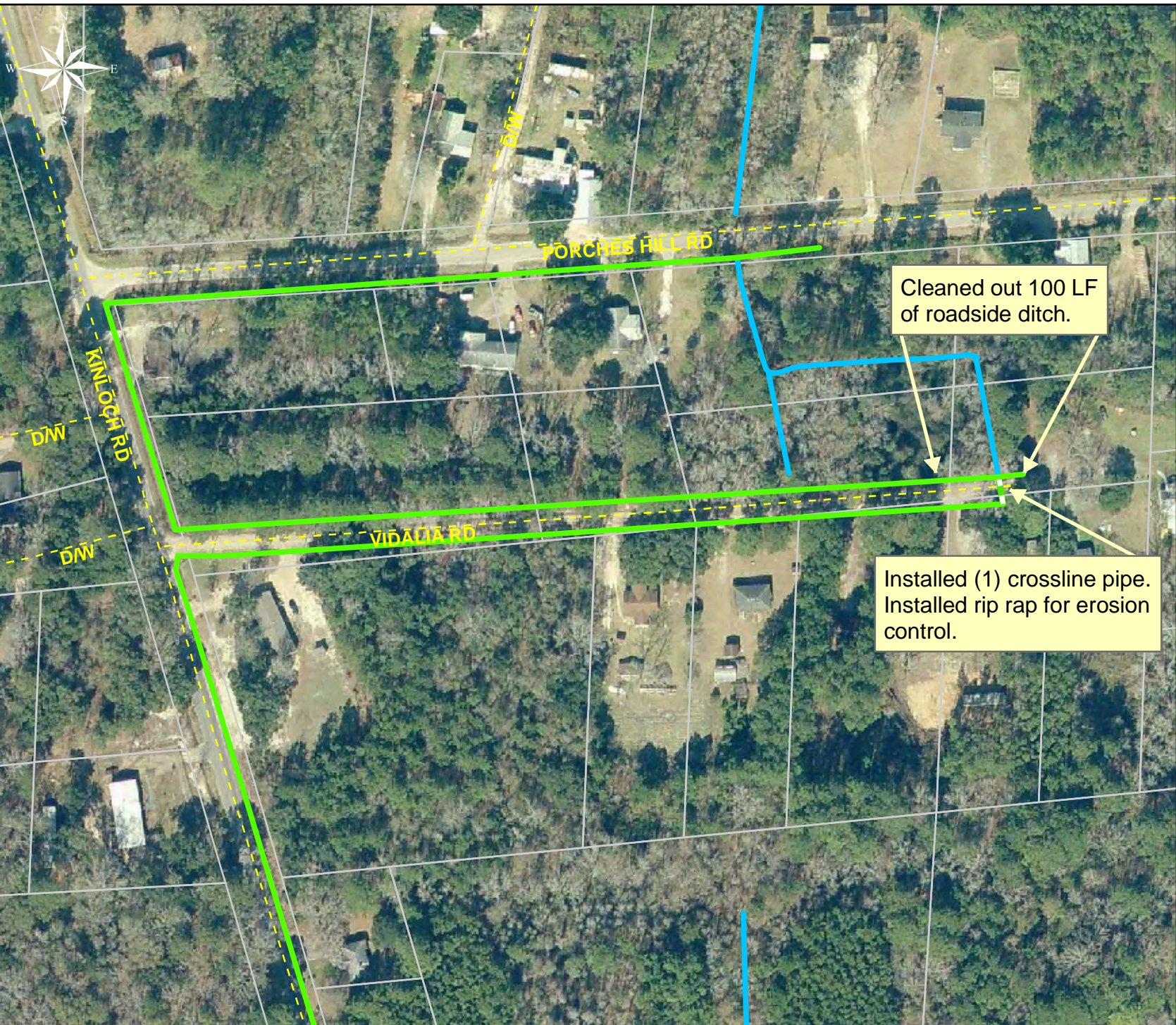
Legend

Drainage Type

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

Cleaned out 100 LF of roadside ditch.

Installed (1) crossline pipe.
Installed rip rap for erosion control.



1 inch equals 159 feet