



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

Project Summary: Zehm Lane
 Project #: 2010-029 Completed: Nov-09
 Narrative Description of Project:
 Project improved 1,750 L.F. of drainage system. Shinn cut 1,750 L.F. of outfall ditch and workshelf. Installed (1) access pipe and (1) access gate. Installed rip rap and hydroseeded for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
15" RCP Pipe	linear feet	\$10.38	24.0	\$249.12
Fill Dirt	ton	\$1.00	5.3	\$5.30
Rip Rap	ton	\$47.08	1.9	\$87.57
FLBC	ton	\$26.55	3.4	\$89.21
Filter Blanket	sy	\$0.63	18.1	\$11.38
Silt Fence	sy	\$0.78	3.9	\$3.03
Turf Staples	each	\$0.06	40.0	\$2.40
Quikrete Concrete	bag	\$3.19	2.0	\$6.38
4x4 Post	each	\$6.27	2.0	\$12.54
16ft Gate	each	\$235.35	1.0	\$235.35
Diesel	gallon	\$2.43	97.0	\$235.71
Gas	gallon	\$2.47	9.0	\$22.23
Labor	hours		120.0	\$4,251.79
Total Cost of Materials, Rental Equip., and Labor				\$5,212.01

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

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
Shinn Cutter	22943	\$31.34	5.0	\$156.70
JCB Backhoe	22810	\$36.50	3.5	\$127.75
Lowboy	23118	\$34.64	2.0	\$69.28
Dump Truck	23105	\$16.68	5.0	\$83.40
Pickup Trucks		\$4.17	38.0	\$158.46
Total Equipment Cost				\$595.59

Cost/hour excludes fuel cost.
 Total Cost: \$5,807.60

Site Photographs

Before



During



After



Project: Zehm Lane

Activity: Drainage Maintenance












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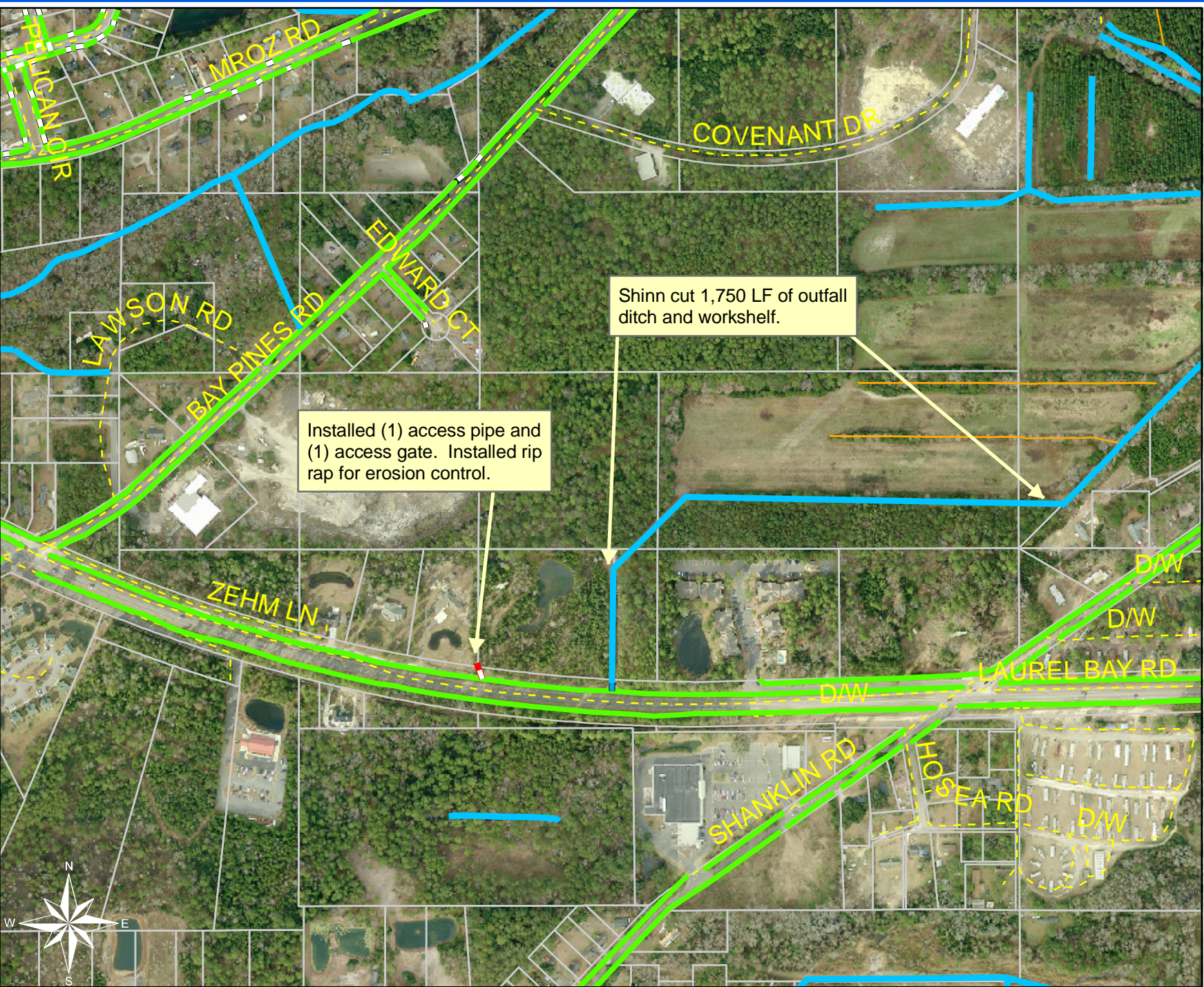
Township: Port Royal Island

Completed: November 2009

Legend

Drainage Type

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



1 inch equals 488.6 feet