



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Cherry Point Road

Project #: 2011-501 Completed: Aug-10

Narrative Description of Project:
Project improved 3,100 L.F. of drainage system. Cleaned out 3100 L.F. of roadside ditch. Jetted (1) access pipe and (2) crossline pipes. Installed a rip rap spillway for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
Rip Rap	ton	\$43.87	3.7	\$163.64
Filter Blanket Woven	sy	\$0.63	27.8	\$17.50
Turf Staples	each	\$0.03	20.0	\$0.60
Pin Flags	each	\$0.06	46.0	\$2.76
Flagging Tape	roll	\$1.34	0.2	\$0.27
Water	gallon	\$0.01	1,250	\$12.50
Diesel	gallon	\$2.71	512.6	\$1,389.15
Gas	gallon	\$2.48	12.0	\$29.76
Labor	hours		482.0	\$10,673.37
Indirect Labor, Services, and Supplies				\$7,491.67
Total Cost of Materials, Rental Equip., and Labor				\$19,781.21

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	37.0	\$551.30
JD Loader 444J	23271	\$29.75	1.0	\$29.75
Vacuum Truck	22812	\$22.16	7.0	\$155.12
Dump Trucks		\$13.31	157.0	\$2,089.67
Pickup Trucks		\$4.12	107.0	\$440.84
Total Equipment Cost				\$3,266.68

Cost/hour excludes fuel cost.

Total Cost: \$23,047.89

Site Photographs

Before



During



After



Project: Cherry Point Road

Activity: Drainage Maintenance














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2011-501

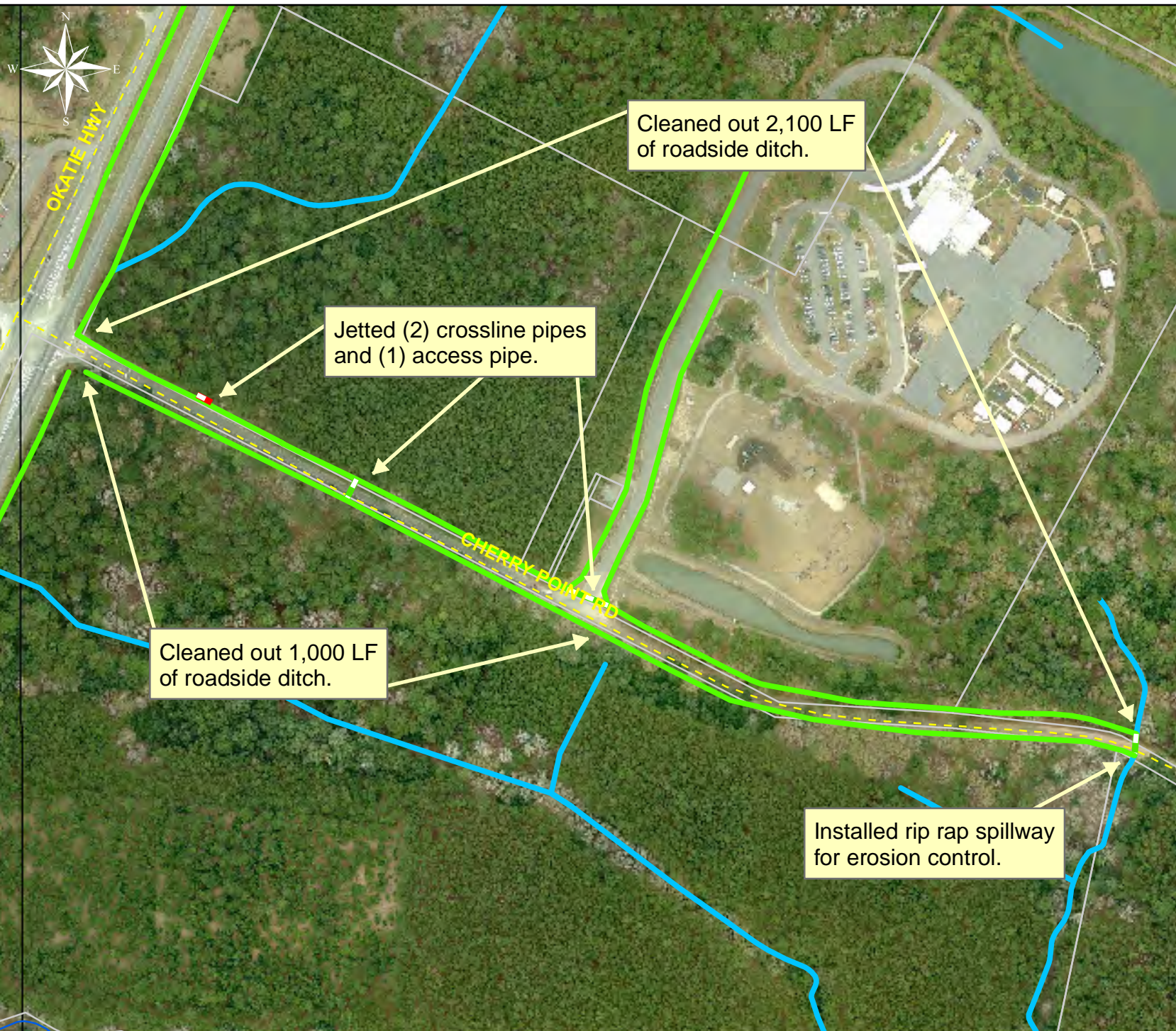
Township:
Bluffton

Completed:
August 2010

Legend

Drainage Type

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



0 75 150 300 450 600
Feet

1 inch = 270 feet

Prepared By: BC Stormwater Management Utility

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File: C:/sethdata/projects/projectmaps/Cherry Pt Rd 2011-501