



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Cherokee Farms Road

Project #: 2011-536

Completed: Aug-10

Narrative Description of Project:

Project improved 1,768 L.F. Bush hogged 1,430 L.F. of utfall ditch and workshelf. Cleaned out 1,768 L.F. of outfall ditch. Installed (2) bleeder pipes and replaced separated joint. Repaired washout. Installed rip rap for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
12" HDPE Pipe	linear feet	\$4.86	60.0	\$291.60
18" RCP Pipe	linear feet	\$11.47	8.0	\$91.76
Fill Dirt	ton	\$1.00	37.1	\$37.12
Rip Rap	ton	\$47.08	3.7	\$175.61
#57 Stone	ton	\$47.00	7.1	\$333.23
Silt Fence	sy	\$0.78	3.1	\$2.43
Filter Blanket	sy	\$0.63	27.8	\$17.50
Turf Staple	each	\$0.03	24.0	\$0.72
Excavator Rental				\$940.08
Diesel	gallon	\$2.71	203.0	\$550.13
Gas	gallon	\$2.48	33.0	\$81.84
Labor	hours		222.0	\$4,879.43
Indirect Labor, Services, and Supplies				\$3,400.29
Total Cost of Materials, Rental Equip., and Labor				\$10,801.74

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

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
Volvo 330 Excavator	22993	\$59.32	3.0	\$177.96
JCB Urban Excavator	23364	\$31.45	1.0	\$31.45
JD Loader 444J	23271	\$29.75	4.0	\$119.00
Bobcat T300	22847	\$20.10	2.0	\$40.20
Bobcat T320	23388	\$21.00	2.0	\$42.00
Lowboy	23214	\$34.64	1.0	\$34.64
Dump Trucks		\$13.31	67.0	\$891.77
Pickup Trucks		\$4.12	52.0	\$214.24
Total Equipment Cost				\$1,551.26

Cost/hour excludes fuel cost.

Total Cost: \$12,353.00

Site Photographs

(Pictures Not Available)

Project: Cherokee Farms Road

Activity: Drainage Maintenance














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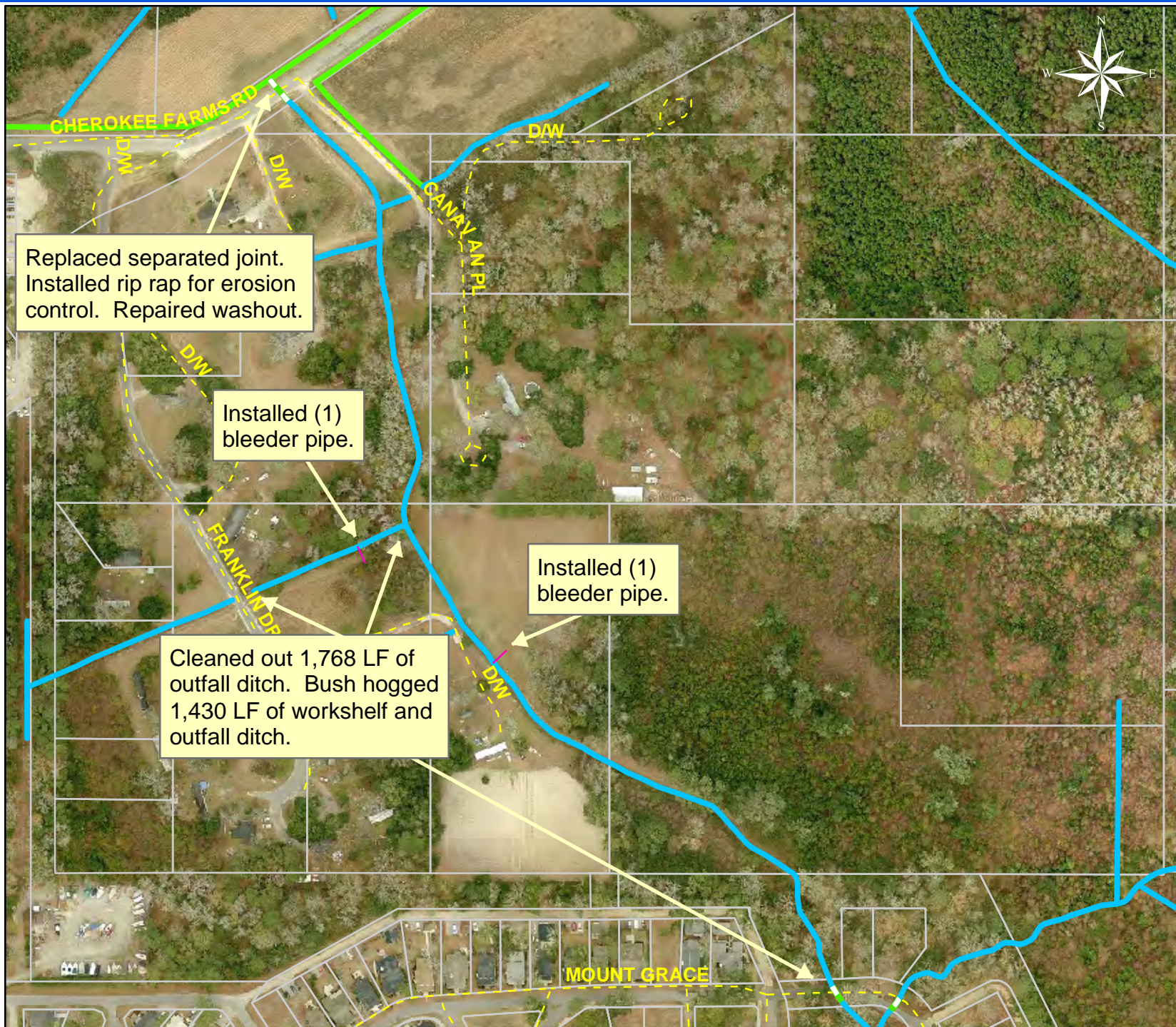
Township: Port
Royal Island

Completed:
August 2010

Legend

Drainage Type

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



0 95 190 380 570 760 Feet

1 inch = 245 feet

Prepared By: BC Stormwater Management Utility

Date Print: 4/20/11

File: C:/sethdata/projects/projectmaps/Cherokee Farms Rd 2011-536