



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Chisolm Hill Outfall

Project #: 2009-166 Completed: Jul-09

Narrative Description of Project:
 Project improved 821 L.F. of outfall ditch and roadside ditch. Cleaned out 608 L.F. of outfall ditch and 213 L.F. of roadside ditch. Upsized (2) driveway pipes. Repaired (1) separated joint and washout. Jetted (1) crossline pipe, (1) driveway pipe, and (2) access pipes.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
15" RCP Pipe	linear feet	\$9.79	40.0	\$391.60
Fill Dirt	ton	\$1.00	10.6	\$10.61
Asphalt	ton	\$79.18	1.5	\$118.77
Tack	gallon	\$2.68	2.5	\$6.70
FLBC	ton	\$26.62	3.4	\$89.44
#57 Stone	ton	\$37.29	3.4	\$127.16
Silt Fence	sy	\$0.78	7.8	\$6.07
Water	gallon	\$0.01	1,500	\$15.00
Diesel	gallon	\$2.15	89.0	\$191.35
Gas	gallon	\$2.19	10.0	\$21.90
Labor	hours		161.5	\$5,640.66
Total Cost of Materials, Rental Equip., and Labor				\$6,619.26

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	13.5	\$251.78
Bobcat T200	22782	\$17.40	2.0	\$34.80
Vacuum Truck	22812	\$20.30	4.0	\$81.20
JD Loader 444J	23271	\$29.75	0.5	\$14.88
Asphalt Roller	20237	\$14.78	1.0	\$14.78
Dump Trucks		\$16.68	32.5	\$542.10
Pickup Trucks		\$4.17	50.0	\$208.50
Total Equipment Cost				\$1,148.03

Cost/hour excludes fuel cost.

Total Cost: \$7,767.29

Site Photographs

Before



During



After



Project: Chisholm Hill Road

Activity: Drainage Maintenance













Project #: 2009-166

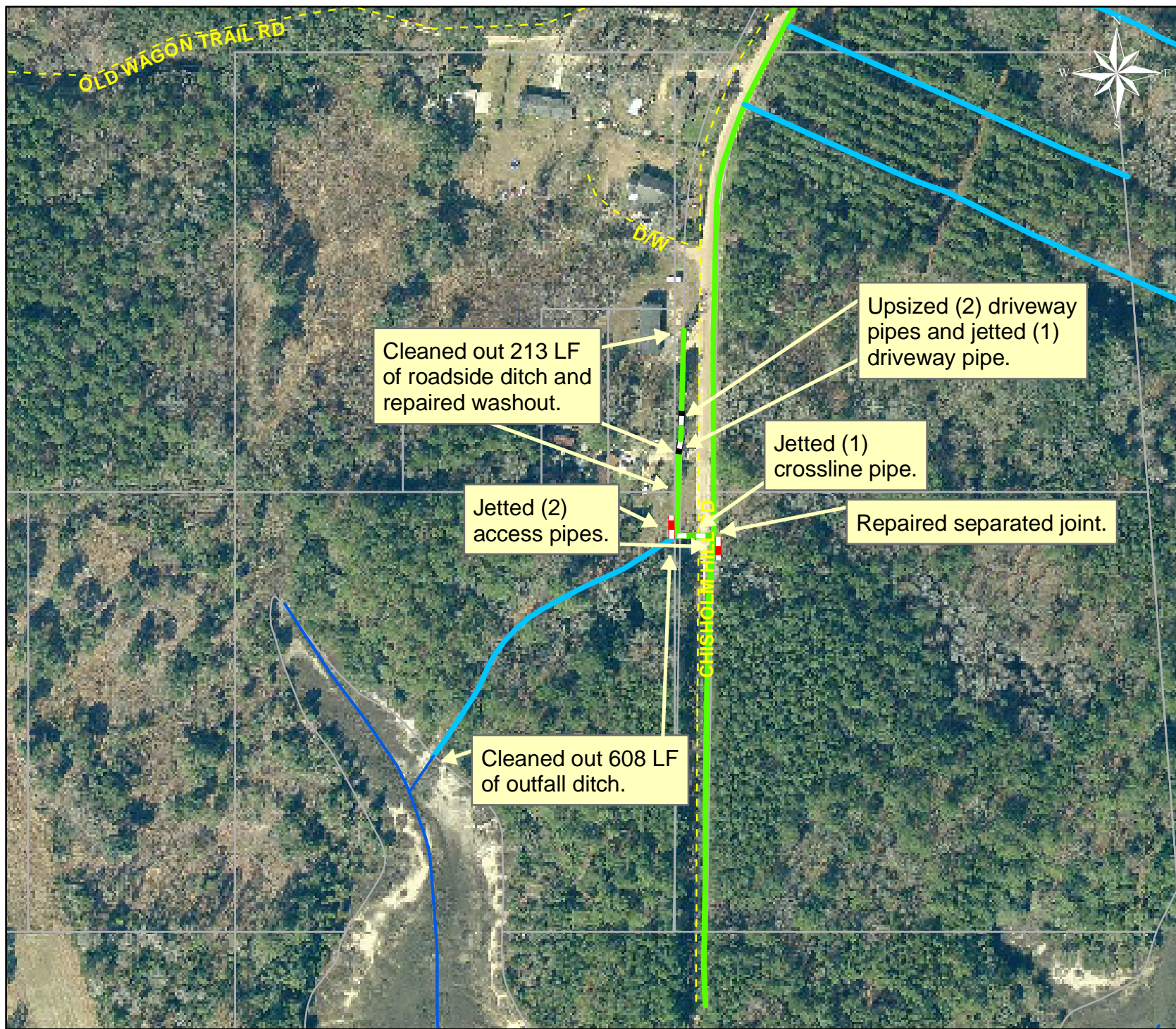
Township: Port Royal Island

Completed: July 2009

Legend

Drainage Type

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



1 inch equals 203 feet

Prepared By: BC Stormwater Management Utility

Date Print: 7/17/09

File:C:/sethdata/projects/projectmaps/Chisholm Hill Rd_2009_166