



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Peaches Hill Circle
 Project #: 2010-027 Completed: Mar-10

Narrative Description of Project:
 Project improved 5,392 L.F. of drainage system. Bush hogged 5,392 L.F. of outfall ditch. Cleaned out 1,313 L.F. of outfall ditch. Replaced (1) access pipe and (1) driveway pipe. 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	40.0	\$194.40
48" HDPE Pipe	linear feet	\$43.04	40.0	\$1,721.60
Fill Dirt	ton	\$1.00	37.1	\$37.12
Rip Rap	ton	\$47.08	26.1	\$1,228.32
#57 Stone	ton	\$36.09	6.8	\$246.49
FLBC	ton	\$26.55	3.4	\$89.21
Asphalt	ton	\$79.18	5.5	\$435.49
Silt Fence	sy	\$0.78	5.8	\$4.55
Filter Blanket	sy	\$0.63	76.4	\$48.13
Turf Staples	each	\$0.03	105.0	\$3.15
Pin Flags	each	\$0.06	12.0	\$0.72
Flagging Tape	each	\$1.87	0.4	\$0.75
4ft Flagger	each	\$0.34	4.0	\$1.36
Caution Tape	each	\$14.55	0.25	\$3.64
Asphalt Roller Rental				\$73.69
Diesel	gallon	\$2.57	438.5	\$1,126.95
Gas	gallon	\$2.59	107.2	\$277.52
Labor	hours		552.0	\$19,114.70
Total Cost of Materials, Rental Equip., and Labor				\$24,607.77

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

Equipment Cost

Item	Asset No.	Cost/Hour	Hrs.	Cost
Volvo 290 Excavator	22870	\$49.56	21.0	\$1,040.76
JCB Urban Excavator	23364	\$40.53	1.0	\$40.53
JD Loader 444J	23271	\$29.75	2.0	\$59.50
JCB Backhoe	22810	\$36.50	4.5	\$164.25

Site Photographs

Before



During



After



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Equipment Cost

Item	Asset No.	Cost/Hour	Hrs.	Cost
Bobcat T200	22782	\$17.40	6.0	\$104.40
Bush Hog	23362	\$42.37	20.0	\$847.40
Lowboy	23118	\$34.64	5.5	\$190.52
Dump Trucks		\$16.68	91.5	\$1,526.22
Pickup Trucks		\$4.17	151.0	\$629.67
Total Equipment Cost				\$4,603.25

Cost/hour excludes fuel cost.

Total Cost: \$29,211.02

Site Photographs

Before



During



After



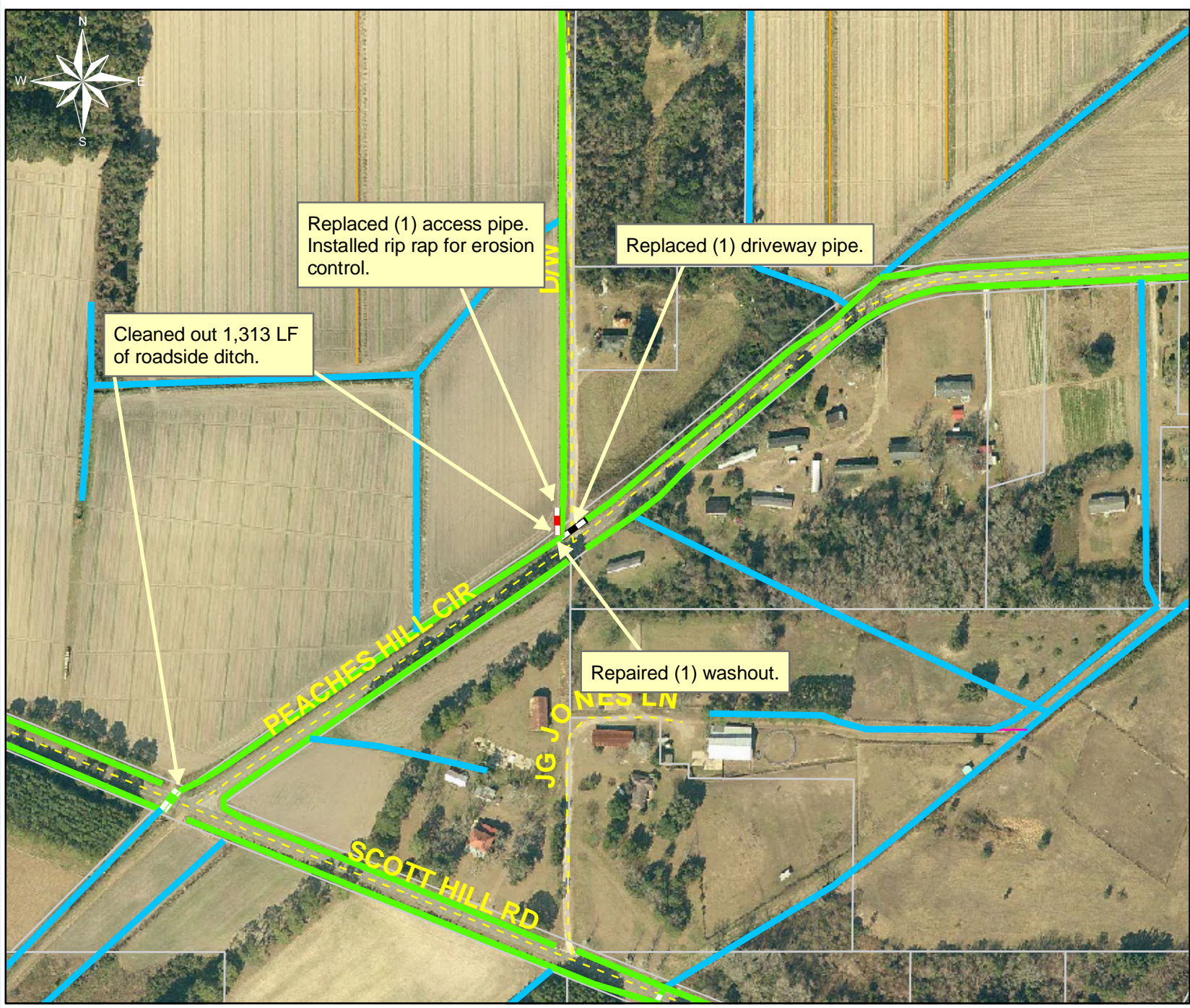
Project: Peaches Hill Circle Map 1

Activity: Drainage Maintenance

Project #: 2010-027

Township: St. Helena Island

Completed: March 2010

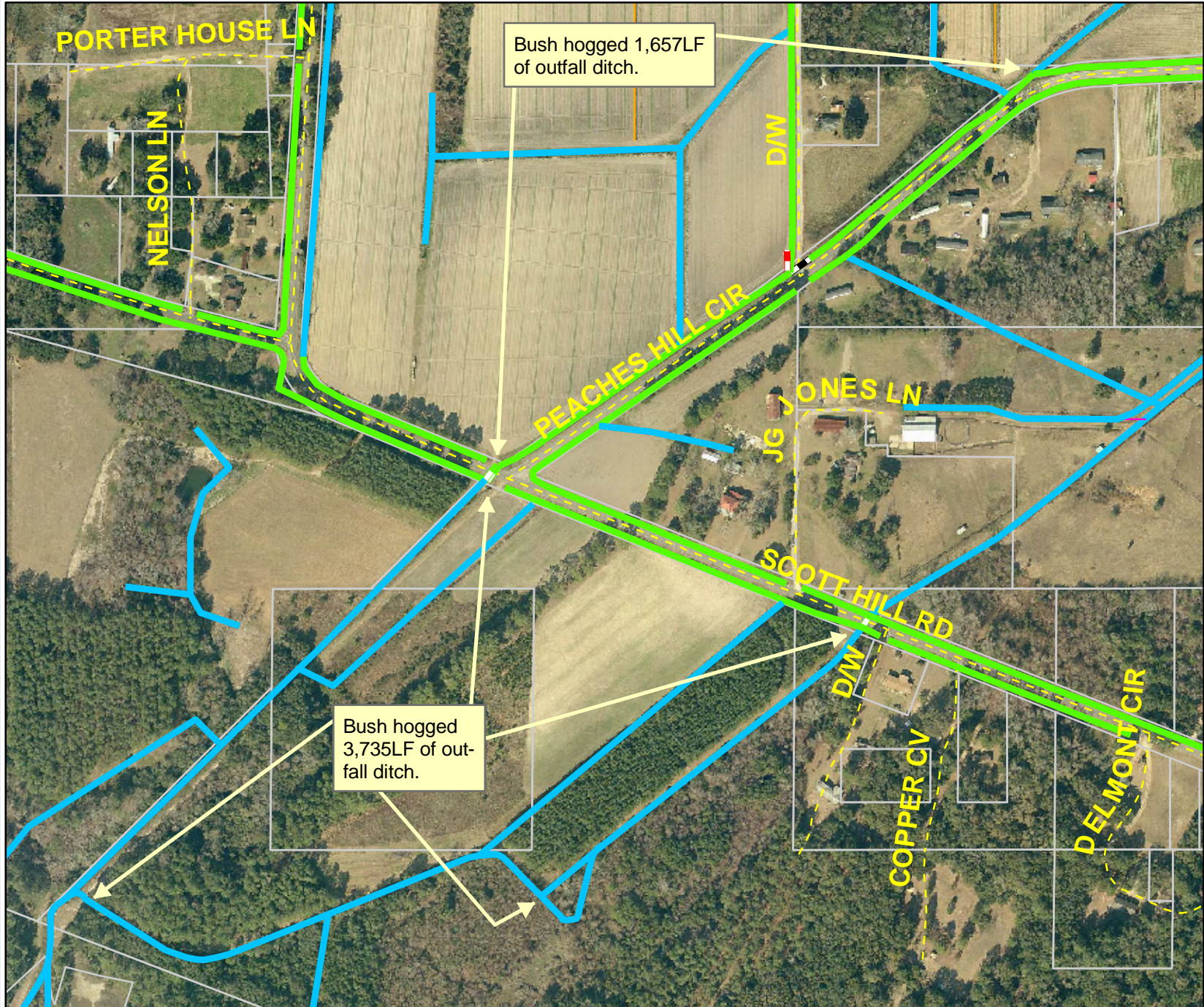


Legend

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



1 inch equals 266.47 feet



Project: Peaches Hill Circle Map 2

Activity: Drainage Maintenance

Project #: 2010-027

Township: St. Helena Island

Completed: March 2010

Legend

Drainage Type

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

