



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

Project Summary: Island Tank Road  
 Project #: 2011-526                      Completed: Oct-10  
 Narrative Description of Project:  
 Project improved 3,583 L.F. of drainage system. Grubbed and cleared 75 L.F. of workshelf. Cleaned out 400 L.F. of outfall ditch and 3,108 L.F. of roadside ditch. Installed (2) driveway pipes. Jetted (25) driveway pipes and (3) crossline pipes. Installed rip rap for erosion control.

**Material Cost, Rental Equipment Summary, and Labor**

Material	Unit	Cost/Unit	Qty	Cost
15" RCP Pipe	linear feet	\$10.17	48.0	\$488.16
Rip Rap	ton	\$43.87	0.5	\$21.94
#57 Stone	ton	\$47.00	0.8	\$35.25
Silt Fence	sy	\$0.78	41.7	\$32.49
Filter Blanket	sy	\$0.63	13.6	\$8.57
Turf Staple	each	\$0.03	20.0	\$0.60
Type "S" Cement	bag	\$7.76	1.0	\$7.76
All Purpose Sand	bag	\$3.80	1.0	\$3.80
Water	gallon	\$0.01	9,750	\$97.50
Marking Paint	can	\$4.44	1.0	\$4.44
Pin Flag	each	\$0.06	56.0	\$3.36
Diesel	gallon	\$2.56	240.8	\$616.45
Gas	gallon	\$2.49	30.0	\$74.70
Labor	hours		443.0	\$9,813.86
Indirect Labor, Services, and Supplies				\$6,871.26
<b>Total Cost of Materials, Rental Equip., and Labor</b>				<b>\$18,080.14</b>

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

**Equipment Cost**

Item	Asset No.	Cost/Hour	Hrs.	Cost
Volvo 290 Excavator	22870	\$54.13	2.0	\$108.26
Komatsu Mini Excavator	23000	\$14.90	31.0	\$461.90
JCB Urban Excavator	23364	\$31.45	2.0	\$62.90
New Holland Loader	19968	\$47.93	2.0	\$95.86
Lowboy	23118	\$34.64	2.0	\$69.28

**Site Photographs**

Before



During



After



**Island Tank Road Project Summary Con't**

Project #: 2011-526

**Equipment Cost**

Item	Asset No.	Cost/Hour	Hrs.	Cost
Vacuum Truck	22812	\$22.16	23.0	\$509.68
Dump Trucks		\$13.31	102.5	\$1,364.28
Pickup Trucks		\$4.12	92.0	\$379.04
<b>Total Equipment Cost</b>				<b>\$3,051.20</b>

Cost/hour excludes fuel cost.

Total Cost: \$21,131.34

**Site Photographs**

Before



During



After





Project: Island Tank Road Map 1

Activity: Drainage Maintenance

Project #: 2011-526

Township: Port Royal Island

Completed: October 2010



### Legend

#### Drainage Type

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

0 75 150 300 450 600 Feet

1 inch = 186 feet

Prepared By: BC Stormwater Management Utility

Date Print: 5/18/11

File:C:/sethdata/projects/projectmaps/Island Tank Rd 2011-526 map1



Project: Island Tank Road Map 2

Activity: Drainage Maintenance

Project #: 2011-526















Township: Port Royal Island

Completed: October 2010



### Legend

#### Drainage Type

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



1 inch = 232 feet

Prepared By: BC Stormwater Management Utility

Date Print: 5/18/11

File: C:/sethdata/projects/projectmaps/Island Tank Rd 2011-526 map2



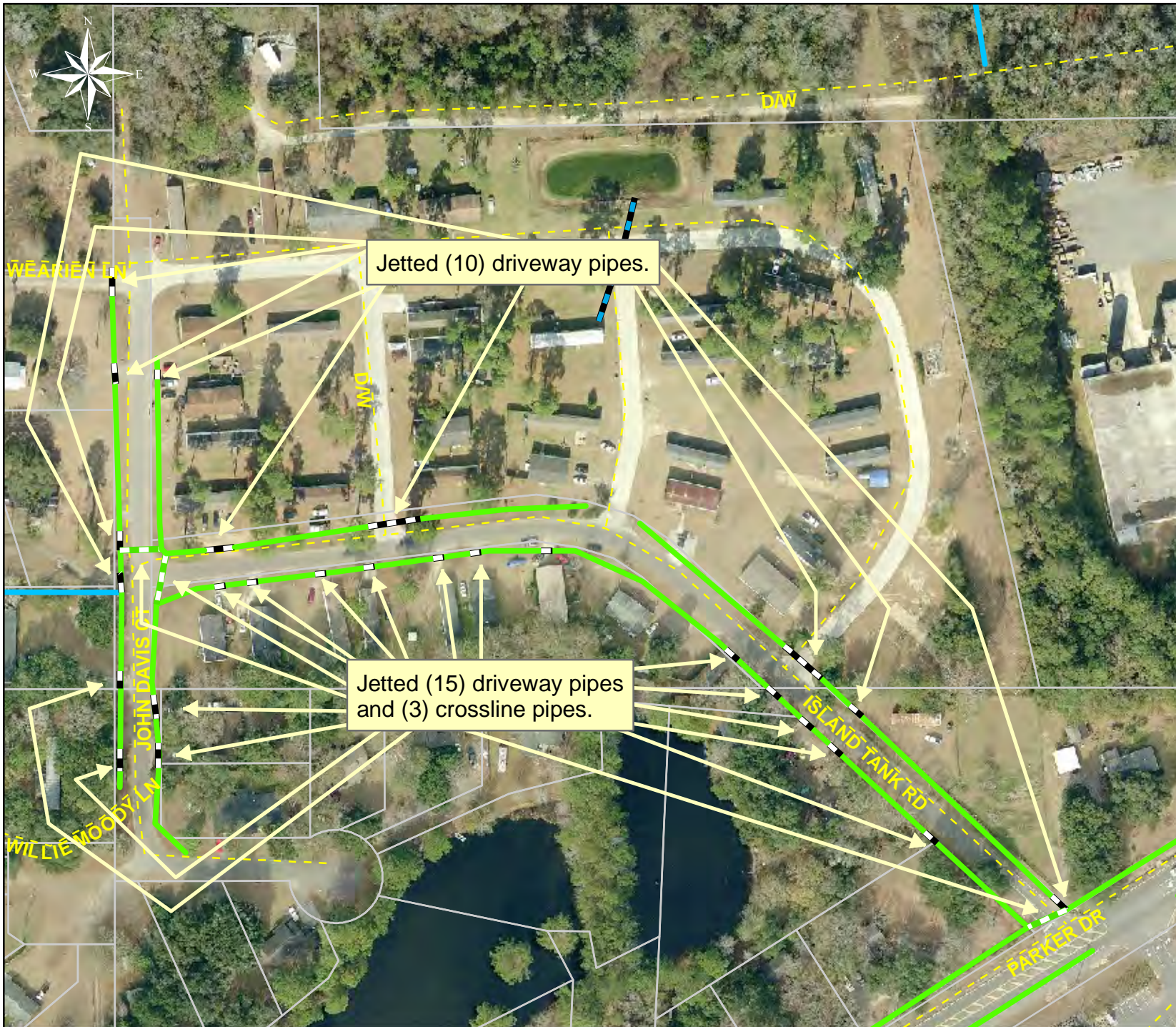
Project: Island Tank Road Map 3

Activity: Vacuum Truck

Project #: 2011-526







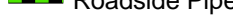

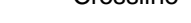





Township: Port Royal Island

Completed: October 2010



**Legend**

**Drainage Type**

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



1 inch = 147 feet

Prepared By: BC Stormwater Management Utility

Date Print: 5/19/11

File:C:/sethdata/projects/projectmaps/vactruck/Island Tank Rd 2011-526