

Project Summaries

June 2011

FY 2011 Construction Project Status

• Potential Construction	15
• Awaiting Easement	29
• Engineering Support	3
• Awaiting Construction Start	8
• Under Construction	5
• Compiling	8
• Completed	19

FY 2011 Maintenance Projects

• Awaiting Maintenance	32
• In Progress	33
• Compiling	35
• Completed	68



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

Project: West River Drive

Completed: Sep-10

Project #: 2011-019

Project Total: \$39,585.50

Narrative Description of Project:

Project improved 288 L.F. of drainage system. Removed blockage from flowline. Grubbed, cleared and cleanout 220 L.F. of outfall ditch. Installed (2) catch basins, (1) crossline pipe, (1) access pipe and 44 L.F. outfall pipe. Jetted (3) driveway pipes, (1) crossline pipe and 24 L.F. of roadside pipe. Installed rip rap, handseeded and hydroseeded for erosion control.

Site Photographs

Before



During



After



Project: West
River Drive
Map 1

Activity: Drainage
Maintenance

Project #:
2011-019














Township: Lady's
Island

Completed:
September 2010



Legend

Drainage Type

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

0 20 40 80 120 160
Feet

1 inch = 69 feet

Prepared By: BC Stormwater Management Utility

Date Print: 5/2/11

File: C:/sethdata/projects/projectmaps/West River Dr 2011-019 Map1



Project: West
River Drive
Map 2

Activity: Vacuum
Truck

Project #:
2011-019

Township: Lady's
Island

Completed:
September 2010

Legend

Drainage Type

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

0 87.5 175 350 525 700
Feet

1 inch = 277 feet

Prepared By: BC Stormwater Management Utility
Date Print: 4/29/11

File: C:\sethdata\projects\projectmaps\Vactruck\West River Dr 2011-019 Map2



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

Project: Island Tank Road

Completed: Oct-10

Project #: 2011-526

Project Total: \$21,131.34

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.

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
- DW
- 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
-  DW
-  Access
-  Piped
-  Bleeder
-  Parcels



0 95 190 380 570 760
Feet

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

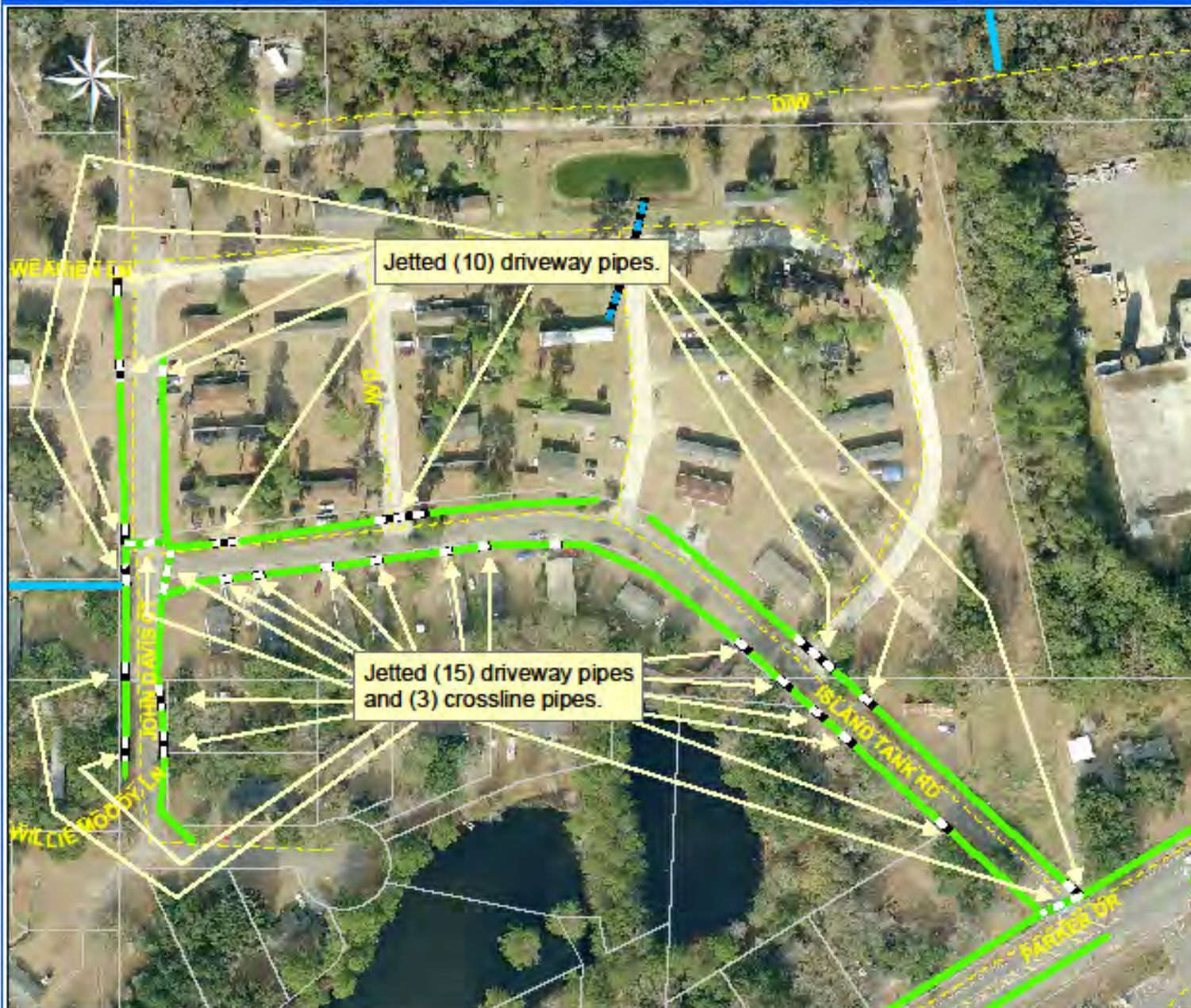
Project: Island Tank
Road Map 3

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

0 50 100 200 300 400
Feet

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



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

Project: Keans Neck Road Outfall

Completed: Nov-10

Project #: 2011-524A

Project Total: \$32,605.43

Narrative Description of Project:

Project improved 3,198 L.F. of drainage system. Bush hogged and cleaned out 3,198 L.F. outfall ditch and workshelf. Installed (3) bleeder pipes. Jetted (2) crossline pipes and (2) access pipes. Installed rip rap for erosion control.

Site Photographs

Before



During



After



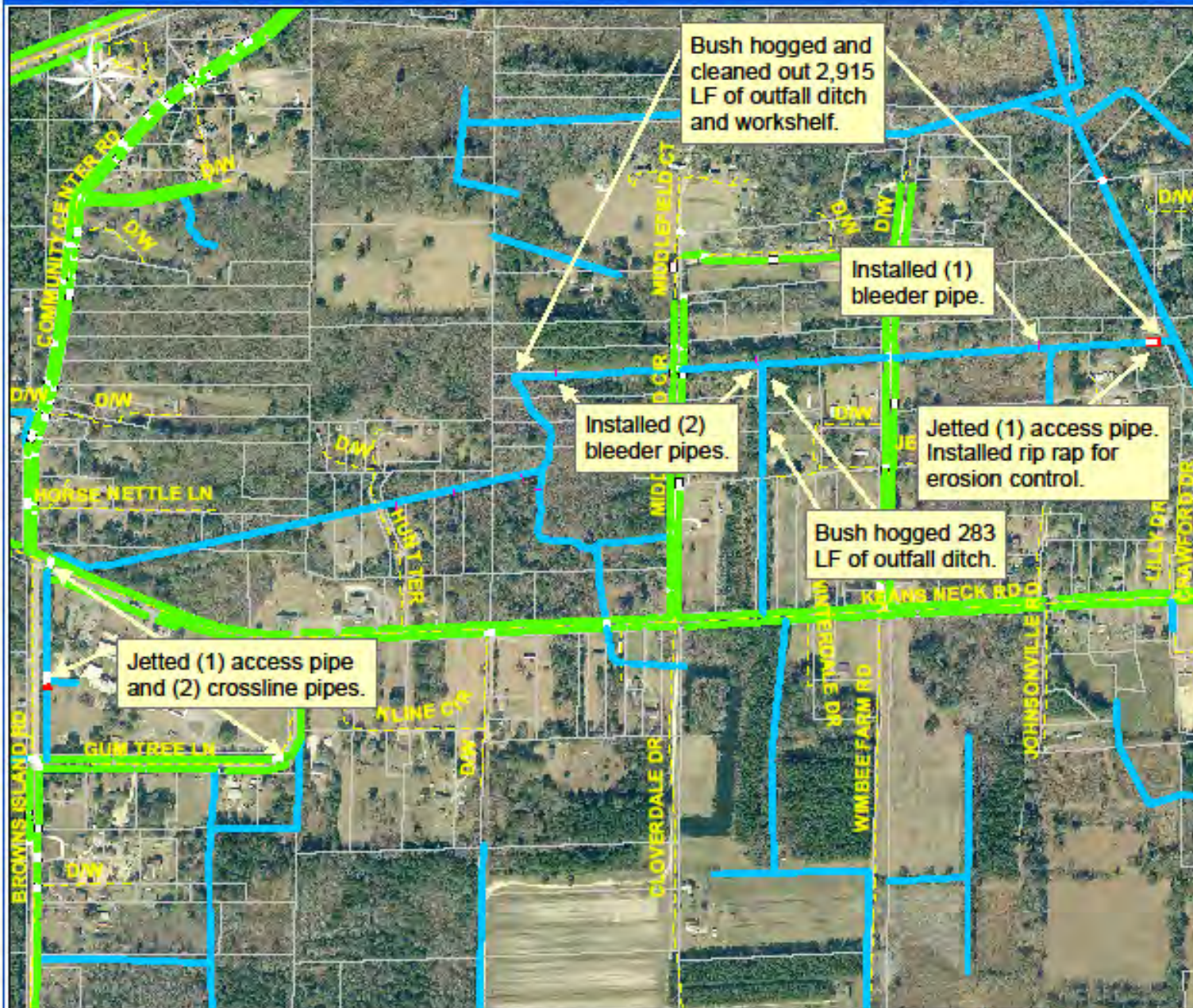
Project: Keans Neck Road Outfall

Activity: Drainage Maintenance

Project #: 2011-524A

Township: Sheldon

Completed: November 2010



Legend

Drainage Type

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

0 200 400 800 1,200 1,600 Feet

1 inch = 637 feet

Prepared By: BC Stormwater Management Utility
Date Print: 5/20/11

File: C:/sethdata/projects/projectmaps/keans neck 2011/524A



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

Project: Oree Road, Floyd Road
and Bull Corner Road

Completed: Dec-10

Project #: 2011-543

Project Total: \$31,795.00

Narrative Description of Project:

Project improved 4,310 L.F. of drainage system. Cleaned out 4,290 L.F. of roadside ditch. Installed 20 L.F. of roadside pipe. Upsized (2) crossline pipes. Replaced (1) crossline pipe to correct elevation. Installed rip rap for erosion control.

Site Photographs

Before



During



After



**Project: Oree Road
Bull Corner Road
and Floyd Road
Map 1**

**Activity: Drainage
Maintenance**

**Project #:
2011-543**

**Township:
Sheldon**

**Completed:
December 2010**



0 65 130 260 390 520
Feet

1 inch = 172 feet

Prepared By: BC Stormwater Management Utility

Date Print: 4/20/11

File: C:/sethdata/projects/projectmaps/Oree & Floyd Rd 2011-543 Map 1

Project: Oree Road,
Bull Corner Road and
Floyd Road Map 2

Activity: Drainage
Maintenance














Project #:
2011-543

Township:
Sheldon

Completed:
December 2010

Legend

Drainage Type

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



0 65 130 260 390 520
Feet

1 inch = 172 feet

Prepared By: BC Stormwater Management Utility

Date Print: 4/20/11

File: C:/sethdata/projects/projectmaps/Oree & Floyd Rd 2011-543 Map 2

Project: Oree Road,
Bull Corner Road and
Floyd Road Map 3

Activity: Drainage
Maintenance














Project #:
2011-543

Township:
Sheldon

Completed:
December 2010

Legend

Drainage Type

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



0 37.5 75 150 225 300
Feet

1 inch = 101 feet

Prepared By: BC Stormwater Management Utility

Date Print: 4/20/11

File: C:/sethdata/projects/projectmaps/Oree & Floyd Rd 2011-543 Map 3



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

Project: Warsaw Island Road Outfall

Completed: Feb-11

Project #: 2011-554

Project Total: \$29,529.31

Narrative Description of Project:

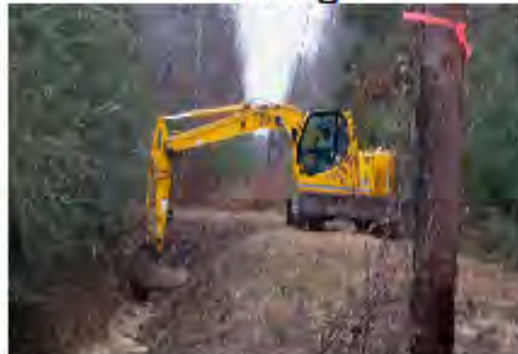
Project improved 3,964 L.F. of drainage system. Cleaned out 3,964 L.F. of outfall ditch. Installed (1) bleeder pipe.

Site Photographs

Before



During



After



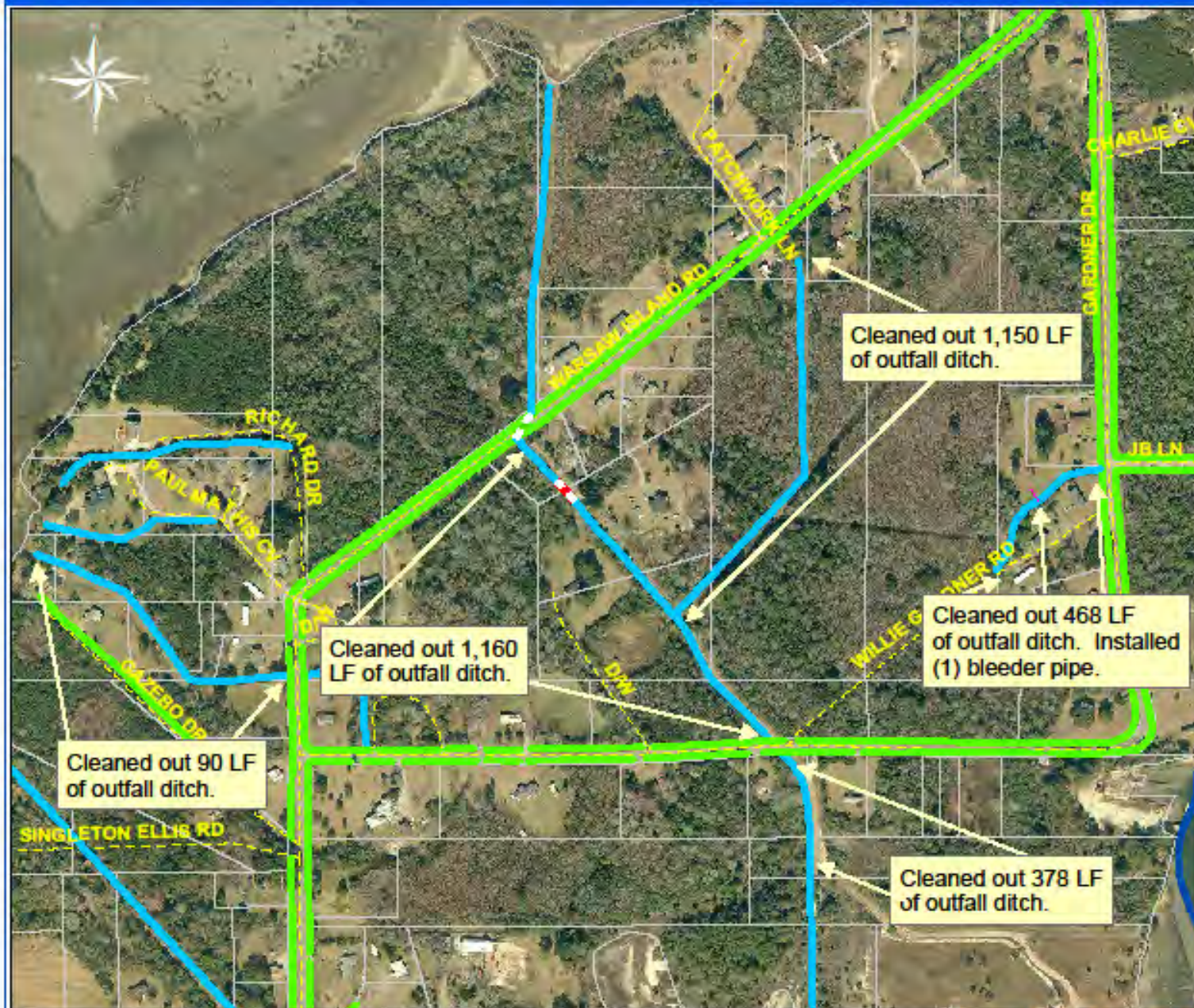
**Project: Warsaw
Island Road Outfall**

**Activity: Drainage
Maintenance**

**Project #:
2011-554**





**Township: St.
Helena Island**

**Completed:
February 2011**



Legend

Drainage Type

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

0 125 250 500 750 1,000
Feet

1 inch = 400 feet

Prepared By: BC Stormwater Management Utility
Date Print: 5/20/11

File: C:/sethdata/projects/projectmaps/Warsaw Island Rd 2011-554



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

Project: Airport Circle

Completed: Mar-11

Project #: 2011-605

Project Total: \$20,903.10

Narrative Description of Project:

Project improved 1,350 L.F. of drainage system. Cleaned out 200 L.F. of outfall ditch and 1,150 L.F. of roadside ditch. Replaced (1) crossline pipe. Installed (3) access pipes and rip rap for erosion control.

Site Photographs

During



After



Project: Airport Circle

Activity: Drainage Maintenance

Project #:
2011-605

Township: Lady's Island

Completed:
March 2011



Legend

Drainage Type

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

0 140 280 560 840 1,120
Feet

1 inch = 329 feet

Prepared By: BC Stormwater Management Utility
Date Print: 5/22/11

File: C:/sethdata/projects/projectmaps/Airport Cir 2011-605



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

Project: Possum Hill Road Outfall

Completed: Apr-11

Project #: 2011-564

Project Total: \$50,872.39

Narrative Description of Project:

Project improved 1,926 L.F. of drainage system. Shinn cut and cleaned out 1,526 L.F. of outfall ditch. Constructed 400 L.F. of outfall ditch beyond critical line. Reconstructed 500 L.F. of workshelf. Installed (1) access pipe and (1) bleeder pipe. Extended (1) access pipe. Jetted (1) crossline pipe. Installed rip rap and hydroseeded for erosion control.

Site Photographs

Before



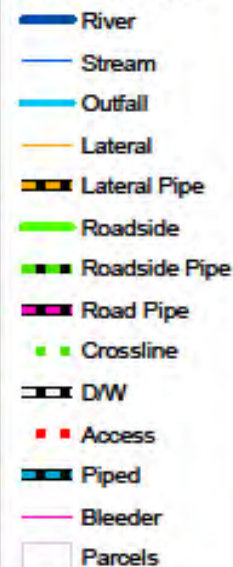
During



After



Completed:
April 2011



Jetted (1) crossline pipe.

Prepared By: BC Stormwater Management Utility
Date Print: 5/20/11
File: C:\sethdata\projects\projectmaps\Possum Hill 2011-584

Small Drainage Projects

- Roseida Rd. Extension – Jul. 10 – Port Royal Isl.
 - Replaced (4) storm drain covers that had been stolen.
 - Cost \$1,032.71

Small Drainage Projects

- Roseida Rd. Outfall – Sep. 10 – Port Royal Isl.
 - Cleaned out 930 LF of outfall ditch and repaired a washout.
 - Cost - \$5,948.60

Small Drainage Projects

- Polite Rd. – Dec. 10 – Port Royal Isl.
 - Cleaned 735 LF of roadside ditch, repaired a washout & cleaned (2) crossline pipes.
 - Cost - \$4,563.99

Small Drainage Projects

- Ihly Farm Rd. – Feb. 11 – Port Royal Isl.
 - Replaced (1) crossline pipe.
 - Cost - \$4,790.11

Small Drainage Projects

- Wimbee Landing Rd. – Feb. 11 – Sheldon
 - Removed beaver installed blockages, replaced (1) access pipe & jetted out another.
 - Cost - \$10,262.26

Small Drainage Projects

- Mroz Rd. Outfall – Feb. 11 – Port Royal Isl.
 - Removed debris from 3,370 LF of flow line by hand, bush hogged 770 LF of roadside ditch, jetted out (2) crossline pipes, cleaned out (3) inlets & (3) outlets with an excavator.
 - Cost - \$7,000.23

Small Drainage Projects

- County Shed Rd. – Feb. 11 – Port Royal Isl.
 - Repaired a catch basin & sink hole.
 - Cost - \$773.41

Small Drainage Projects

- Lady's Isl. Bush hog – Feb. 11 – Lady's Isl.
 - Normal maintenance; Bush hogged 17,499 LF of outfall ditch & work shelves.
 - Cost - \$9,269.34 (\$.53/lf)

Small Drainage Projects

- St. Helena Isl. Bush Hog – Mar. 11 – St. Helena Isl.
 - Normal maintenance; Bush hogged 44,899 LF of outfall ditch & workshelf, 825 LF of roadside ditch.
 - Cost - \$27,662.11 (\$.60/Lf)

Small Drainage Projects

- Pine Grove Rd. – Mar. 11 – Port Royal Isl.
 - Cleaned out 1,670 LF of SCDOT roadside ditch that acts as outfall ditch for Burton Wells Rd.
 - Cost - \$4,772.63