

Project Summaries

February 2012



Beaufort County Public Works *Stormwater Infrastructure* Project Summary

Project: Jasmine Hall Rd/Qualls Outfall

Completed: Jul-11

Project #: 2011-038

Project Total: \$32,549.13

Narrative Description of Project:

Project improved 3,425 L.F. of drainage system. Shinn cut 1,440 L.F. of outfall access. Reconstructed 1,440 L.F. of outfall ditch and constructed 1,440 L.F. of workshelf. Cleaned out 1,985 L.F. of outfall ditch. Installed (5) access pipes, (6) bleeder pipes (1) access gate, rip rap and hydroseeded for erosion control.

Site Photographs

Before



During



After



Project: Jasmine Hall Road/Qualls Outfall

Activity: Drainage Maintenance












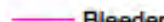
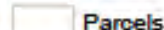
Project #: 2011-038

Township: Sheldon

Completed: July 2011

Legend

Drainage Type

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



1 inch = 505 feet



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

Project: Gillison Loop

Completed: Jul-11

Project #: 2011-048

Project Total: \$27,442.37

Narrative Description of Project:

Project improved 929 L.F. of drainage system. Grubbed, cleared and reconstructed 150 L.F. of outfall ditch and constructed 150 L.F. of outfall ditch and workshelf. Grubb and cleared 230 L.F. of outfall access. Cleaned out 371 L.F. of roadside ditch. Installed 230 L.F. of outfall pipe and (1) driveway pipe. Replaced (1) driveway pipe to correct elevation. Upsized (1) crossline pipe to correct elevation. Jetted 230 L.F. of outfall pipe. Installed straw mat, rip rap and hydroseeded for erosion control.

Site Photographs

Before



During



After



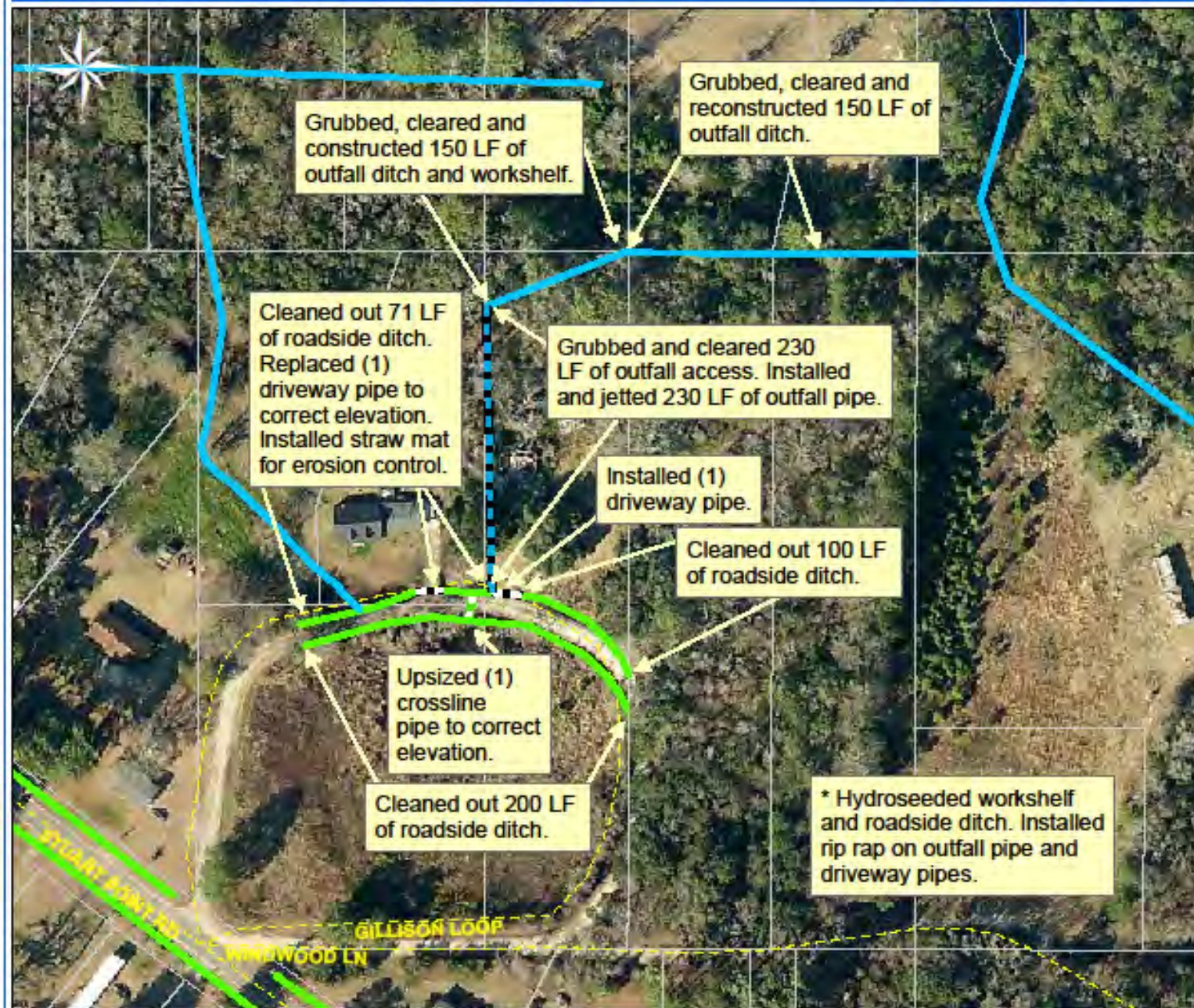
Project: Gillison Loop

Activity: Drainage Maintenance

Project #: 2011-048

Township: Port Royal Island

Completed: July 2011



Legend

Drainage Type

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



1 inch = 126 feet



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

Project: Old Polowana Road

Completed: Jul-11

Project #: 2011-530

Project Total: \$23,397.21

Narrative Description of Project:

Project improved 3,082 L.F. of drainage system. Bush hogged and cleaned out 1,447 L.F. of outfall ditch. Cleaned out 1,567 L.F. of roadside ditch. Replaced (2) driveway pipes to correct elevation. Cleaned out (2) catch basins. Jetted (3) crossline pipes, (5) driveway pipes, (2) access pipes, 8 L.F. of outfall pipe and 60 L.F. of roadside pipe. Installed rip rap and hydroseeded for erosion control.

Site Photographs

Before



During



After



Project: Old Polowana Road
Map 1

Activity: Drainage
Maintenance














Project #:
2011-530

Township: St.
Helena Island

Completed:
July 2011

Legend

Drainage Type

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

Bush hogged and cleaned
out 1,447 LF of outfall ditch.

Replaced (2) driveway
pipes to correct elevation.
Installed rip rap for erosion
control.

Cleaned out 1,567 LF
of roadside ditch.



1 inch = 389 feet

Prepared By: BC Stormwater Management Utility

Date Print: 1/9/12

File: C:/sethdata/projects/projectmaps/Old Polowana Rd 11-530 Map1

Project: Old Polowana Road Map 2

Activity: Vacuum Truck














Project #: 2011-530

Township: St. Helena Island

Completed: July 2011

Legend

Drainage Type

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

Jetted (1) access pipe.

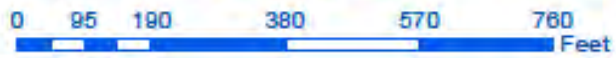
Jetted (2) crossline pipes.

Jetted (5) driveways and (1) access pipe.

Jetted 60 LF of roadside pipe.

Cleaned (2) catch basins. Jetted 8 LF of outfall pipe.

Jetted (1) crossline pipe.



1 inch = 247 feet



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

Project: Vineyard Point Road

Completed: Aug-11

Project #: 2011-643

Project Total: \$51,545.78

Narrative Description of Project:

Project improved 6,471 L.F. of drainage system. Cleaned out 6,463 L.F. of roadside ditch. Installed (1) access pipe. Reinstalled (2) driveway pipes to correct elevation. Extended (1) driveway pipe. Repaired (1) driveway. Jetted (2) crossline pipes, (22) driveway pipes and 8 L.F. of outfall pipe. Installed rip rap and hydroseeded for erosion control.

Site Photographs

Before



During



After



Project: Vineyard Point Road Map 1

Activity: Drainage Maintenance














Project #: 2011-643

Township: St. Helena Island

Completed: August 2011

Legend

Drainage Type

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

Cleaned out 2,368 LF of roadside ditch.

Installed (1) access pipe and rip rap for erosion control.

Reinstalled (1) driveway pipe to correct elevation.

Extended (1) driveway pipe.

Cleaned out 3,321 LF of roadside ditch.

* Hydroseeded roadside ditch for erosion control.

Cleaned out 974 LF of roadside ditch.

Reinstalled (1) driveway pipe to correct elevation.



1 inch = 352 feet

Prepared By: BC Stormwater Management Utility

Date Print: 1/19/12

File: C:/sethdata/projects/projectmaps/Vineyard Pt Rd 11-643 Map1

Project: Vineyard Point Road Map 2

Activity: Vacuum Truck














Project #: 2011-643

Township: St. Helena Island

Completed: August 2011

Legend

Drainage Type

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

Jetted (1) crossline pipe.

Jetted (22) driveway pipes.

Jetted 8 LF of outfall pipe.

Jetted (1) crossline pipe.



1 inch = 352 feet

Small Drainage Projects

- Port Royal Island Bush Hogging
Jul. 11 – Port Royal Island
 - Completed one rotation of the outfall ditches on unincorporated Port Royal Isl., total feet cut were 69,629 outfall & 8,605 roadside.
 - Cost - \$34,385 or \$.44 per foot

Small Drainage Projects

- Jasmine Hall & Duncan Farms Outfall
Jul. 11 – Sheldon
 - Removed a fallen tree from the workshelf.

Small Drainage Projects

- Hazel Farm Road

Jul. 11 – Lady's Island

- Replaced an old malfunctioning crossline pipe with twin pipes & installed rip rap.

Small Drainage Projects

- Sams Point Road

Jul. 11 – Lady's Island

– Grubbed & cleared 112 feet of overgrown outfall ditch & reconstructed 112 feet of vegetated swale.

Small Drainage Projects

- Capehart Circle

Jul. 11 – Port Royal Island

- Replaced a driveway pipe to the correct elevation, rip rapped & seeded for erosion control.

Small Drainage Projects

- Faculty Drive
 - Jul. 11 – Lady's Island
 - Removed blockage from the flow line, then jetted one crossline pipe & eight feet of outfall pipe.

Small Drainage Projects

- Halifax Drive
Jul. 11 – St. Helena
 - Removed a fallen tree from the workshelf & blockage from the flow line of the outfall ditch.

Small Drainage Projects

- James Grant Road
Jul. 11 – St. Helena Island
 - Removed trash that was blocking the flow line in 408 feet of outfall ditch.

Small Drainage Projects

- Wintergreen Drive
 - Jul. 11 – Port Royal Island
 - Installed a guard on the end of bleeder pipe to solve a possible safety issue in Mint Farm subdivision.

Small Drainage Projects

- Mitchell Road
 - Aug. 11 – Sheldon
 - Removed a fallen tree from the outfall ditch & reconstructed 1,977 feet of workshelf.

Small Drainage Projects

- Laurel Street Wes

Aug. 11 – Port Royal Island

- Cleaned out 1,331 feet of roadside ditch, jetted 13 driveway and 1 crossline pipe & seeded for erosion control.

Small Drainage Projects

- Grande Oaks Dr.
May 11 – Bluffton
 - Cleaned out 2,001 ft. of roadside ditch, cleaned out (1) catch basin, jetted (2) crossline, (17) driveway pipes. Jetted 200 ft. of roadside pipe & seeded for erosion control.
 - Cost - \$13,035.75

Small Drainage Projects

- Keans Neck Road Outfall
Aug. 11 – Sheldon
 - Installed one access pipe & rip rap for erosion control.

Small Drainage Projects

- Dawson Haynes Outfall
Aug. 11 – Sheldon
 - Removed one fallen tree from the workshelf & repaired one driveway.

Small Drainage Projects

- Wimbee Creek Road Outfall
Aug. 11 – Sheldon
 - Replaced one stolen flap gate and four feet of outfall pipe & installed rip rap for erosion control.

Small Drainage Projects

- Springfield Road
 - Aug. 11 – Lady's Island
 - Cleaned out 1,548 feet of outfall ditch & repaired washouts.

Small Drainage Projects

- Almond Drive
Dec. 11 – St. Helena Island
 - Installed 111 feet of outfall pipe to establish drainage for the road.
Installed rip rap & hydroseeded for erosion control.