

Project Summaries

June 2012



Beaufort County Public Works

Stormwater Infrastructure

Project Summary

Project: ToHHI - Bush Hogging

Completed: Aug-11

Project #: 2012-305

Project Total: \$15,714.52

Narrative Description of Project:

Project improved 15,059 L.F. of drainage system. Bush hogged 15,059 L.F. of outfall ditch and workshelf. This project consisted of the following areas: Hilton Head Airport (4,782 L.F.), Mathews Drive (2,441 L.F.), Pineland Road (1,154 L.F.), Muddy Creek Road (1,700 L.F.), Oakview Road (631 L.F.), Nazarene Road (400 L.F.), Jonesville Road (971 L.F.), Wildhorse Road (2,980 L.F.)

Site Photographs

Before



During



After





Project: ToHHI -
Airport
(Reimbursement)

Activity: Bush
Hogging

Project #:
2012-305

Township: Town of
Hilton Head Island

Completed:
August 2011

Legend

Drainage Type

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

Prepared By: BC Stormwater Management Utility

Date Print: 5/8/12

File: C:/sethdata/projects/projectmaps/bushhog/Airport HH 2012-305

Project: ToHHI -
Pineland Road
(Reimbursement)

Activity: Bush
Hogging









Project #:
2012-305

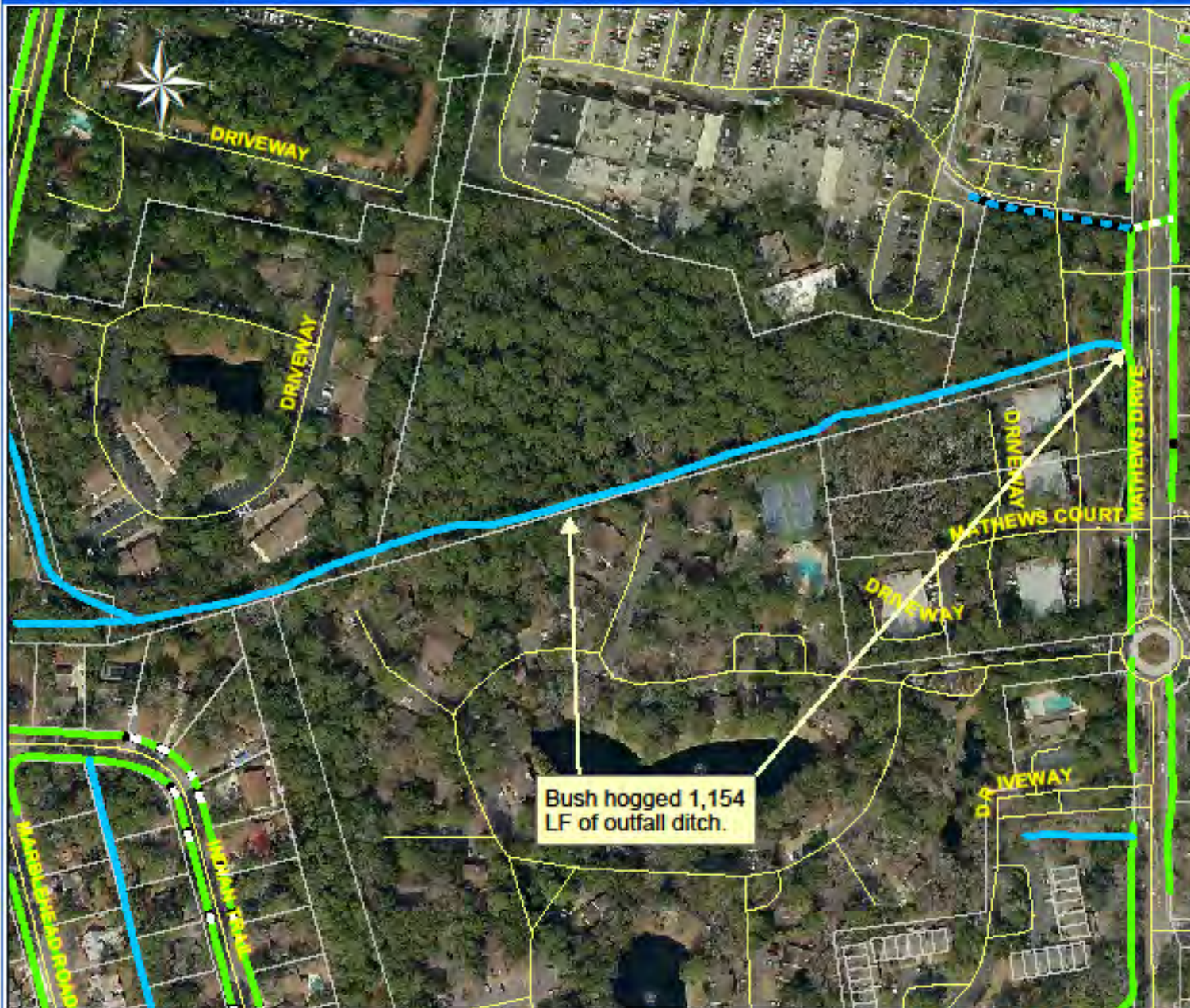
Township: Town of
Hilton Head Island

Completed:
August 2011

Legend

Drainage Type

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



0 62.5 125 250 375 500
Feet

1 inch = 242 feet

Prepared By: BC Stormwater Management Utility

Date Print: 5/9/12

File: C:/sethdata/projects/projectmaps/bushhog/Pineland HHI 2012-305

Project: ToHHI -
Muddy Creek Road
(Reimbursement)

Activity: Bush
Hogging

Project #:
2012-305

Township: Town of
Hilton Head Island

Completed:
August 2011



Legend

Drainage Type

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

0 137.5 275 550 825 1,100
Feet

1 inch = 279 feet

Prepared By: BC Stormwater Management Utility

Date Print: 5/8/12

File: C:/sethdata/projects/projectmaps/bushhog/Muddy Creek Rd HHI 2012-305

Project: ToHHI -
Oakview Road
(Reimbursement)

Activity: Bush
Hogging

Project #:
2012-305

Township: Town of
Hilton Head Island

Completed:
August 2011



Legend

Drainage Type

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

0 45 90 180 270 360
Feet

1 inch = 123 feet

Prepared By: BC Stormwater Management Utility

Date Print: 5/9/12

File: C:/sethdata/projects/projectmaps/bushhog/Oakview rd HHI 2012-305

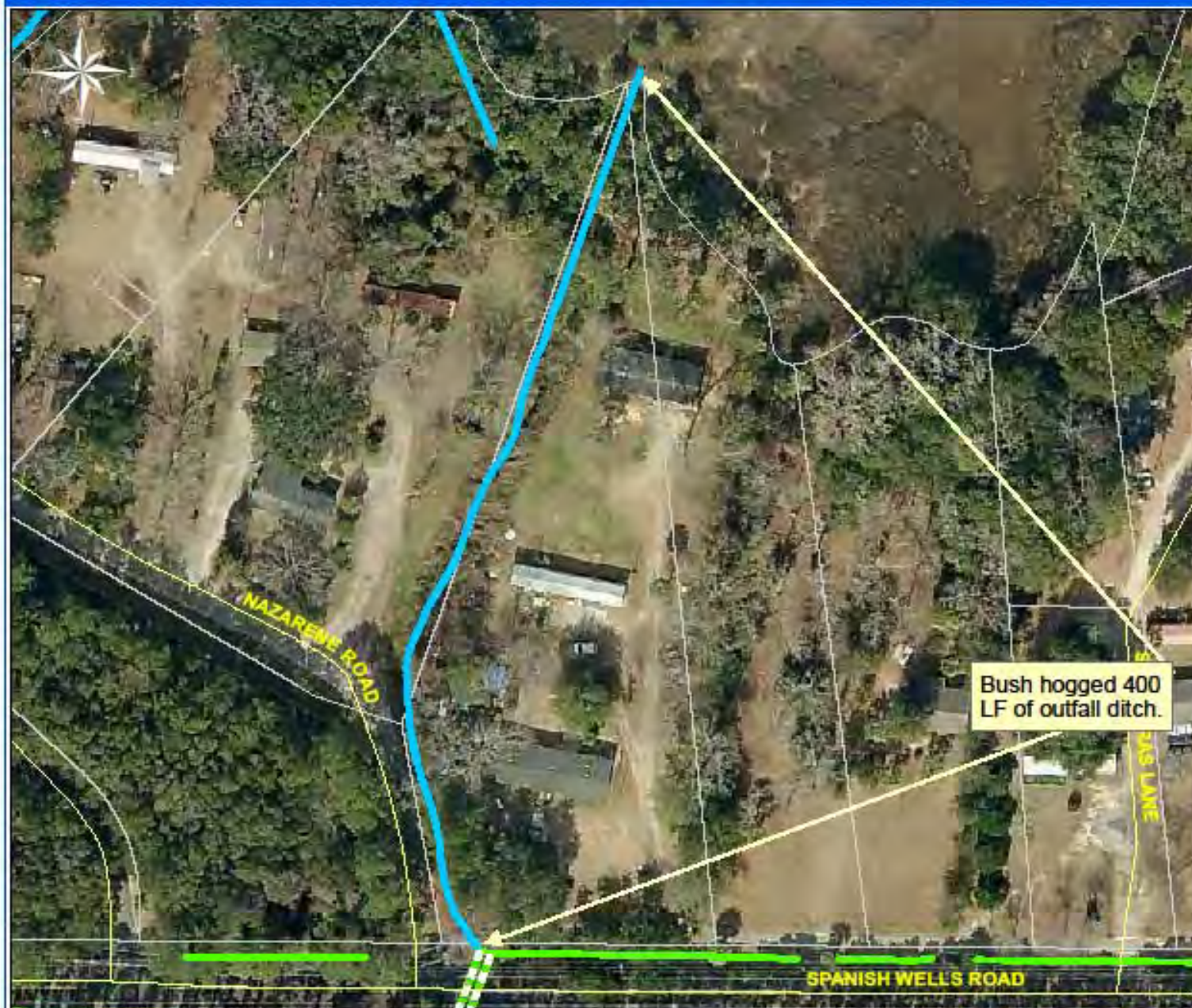
Project: ToHHI -
Nazarene Road
(Reimbursement)

Activity: Bush
Hogging

Project #:
2012-305

Township: Town of
Hilton Head Island

Completed:
August 2011



Legend

Drainage Type

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

Bush hogged 400
LF of outfall ditch.

0 35 70 140 210 280
Feet

1 inch = 91 feet

Prepared By: BC Stormwater Management Utility

Date Print: 5/8/12

File: C:/sethdata/projects/projectmaps/bushhog/Nazarene Rd HHI 2012-305

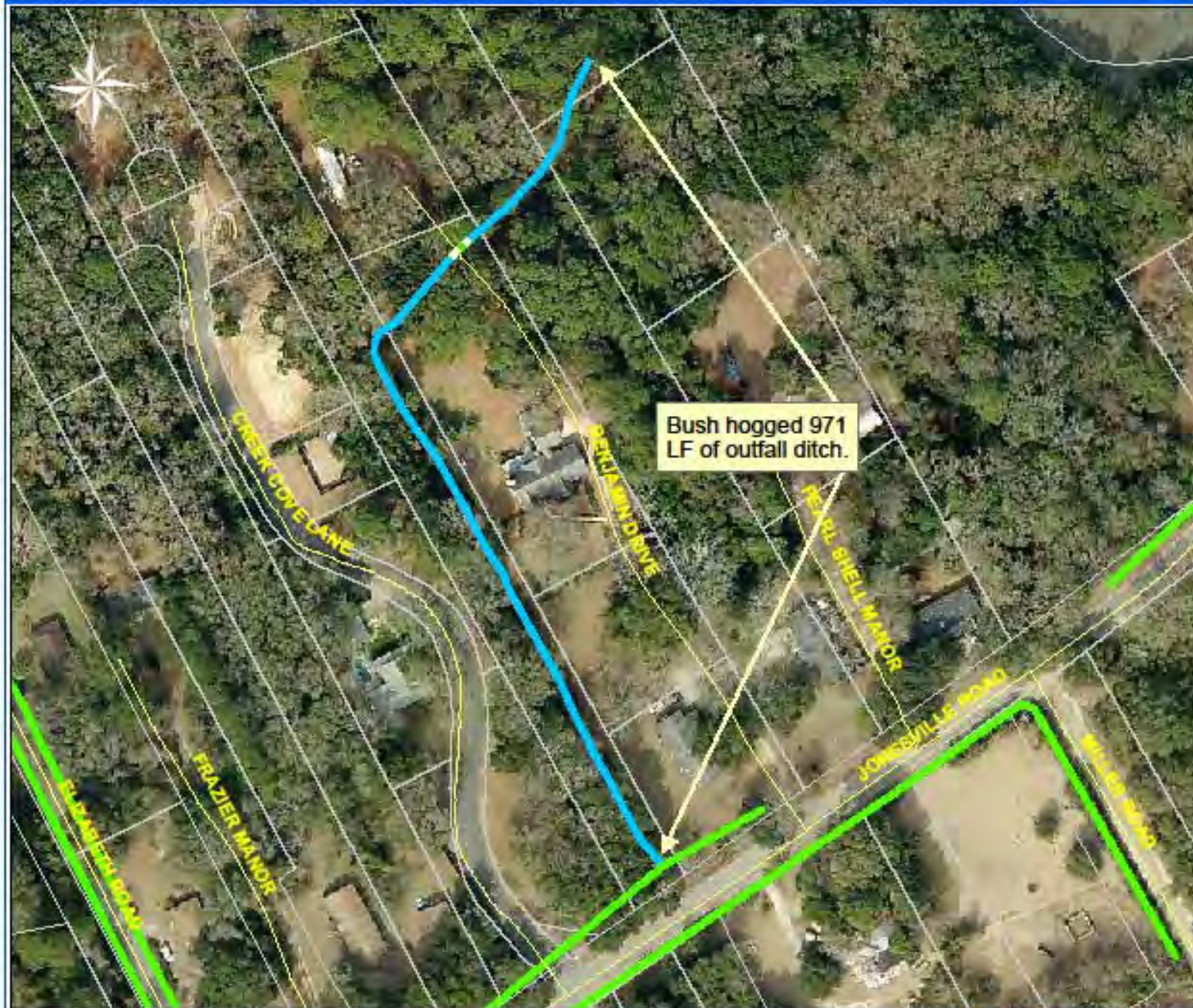
Project: ToHHI -
Jonesville Road
(Reimbursement)

Activity: Bush
Hogging

Project #:
2012-305















Township: Town of
Hilton Head Island

Completed:
August 2011



Legend

Drainage Type

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

0 62.5 125 250 375 500
Feet

1 inch = 127 feet

Prepared By: BC Stormwater Management Utility

Date Print: 5/7/12

File: C:/sethdata/projects/projectmaps/bushhog/Jonesville Rd HH 2012-305

Project: ToHHI -
Wild Horse Road
(Reimbursement)

Activity: Bush
Hogging

Project #:
2012-305

Township: Town of
Hilton Head Island

Completed:
August 2011



Legend

Drainage Type

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

0 145 290 580 870 1,160
Feet

1 inch = 397 feet

Prepared By: BC Stormwater Management Utility
Date Print: 5/9/11

File: C:/sethdata/projects/projectmaps/bushhog/Wild Horse rd HHI 2012-305



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

Project: Archie Sumpter Road

Completed: Feb-12

Project #: 2012-548

Project Total: \$17,905.90

Narrative Description of Project:

Project improved 3,728 L.F. of drainage system. Cleaned out 3,728 L.F. of roadside ditch. Jetted (2) access pipes, (3) crossline pipes and (11) driveway pipes.

Site Photographs

Before



During



After



Project: Archie
Sumpster Road
Map 1

Activity: Drainage
Maintenance














Project #:
2012-548

Township:
Sheldon

Completed:
February 2012

Legend

Drainage Type

-  River
-  Stream
-  Outfall
-  Lateral
-  Lateral Pipe
-  Roadside
-  Roadside Pipe
-  Crossline
-  DW
-  Access
-  Piped
-  Bleeder
-  Parcels



0 87.5 175 350 525 700 Feet

1 inch = 242 feet

Prepared By: BC Stormwater Management Utility

Date Print: 4/30/12

File: C:/sethdata/projects/projectmaps/Archie Sumpster 12-548 Map1

**Project: Archie
Sumpster Road
Map 2**

**Activity: Vacuum
Truck**














**Project #:
2012-548**

**Township:
Sheldon**

**Completed:
February 2012**

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 = 242 feet

Prepared By: BC Stormwater Management Utility

Date Print: 4/30/12

File: C:/sethdata/projects/projectmaps/Vac/Archie Sumpster 12-548



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

Project: Okatie River Estates

Completed: Mar-12

Project #: 2012-565

Project Total: \$24,289.18

Narrative Description of Project:

Project improved 4,232 L.F. of drainage system. Removed fallen tree from workshelf. Cleaned out 3,956 L.F. of roadside ditch and 210 L.F. of outfall ditch. Jetted (34) driveway pipes, (4) crossline pipes and 66 L.F. of roadside pipe.

Site Photographs

Before



During



After



Project: Okatie River
Estates Subdivision -
Hummingbird Lane/
Cardinal Lane/Oriole
Lane Map 1

Activity: Drainage
Maintenance

Project #:
2012-565

Township:
Bluffton

Completed:
March 2012



Legend

Drainage Type

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

0 60 120 240 360 480
Feet

1 inch = 169 feet

Prepared By: BC Stormwater Management Utility
Date Print: 4/18/12

File: C:/sethdata/projects/projectmaps/Okatie River est Map 1

Project: Okatie River
Estates Subdivision -
Hummingbird Lane/
Cardinal Lane/Oriole
Lane Map 2

Activity: Vacuum
Truck

Project #:
2012-565

Township:
Bluffton

Completed:
March 2012



Legend

Drainage Type

- River
- Stream
- Outfall
- Lateral
- Lateral Pipe
- Roadside
- Roadside Pipe
- Crossline
- DW
- Access
- Piped
- Bleeder
- Parcels

0 60 120 240 360 480
Feet

1 inch = 169 feet

Prepared By: BC Stormwater Management Utility
Date Print: 4/18/12
File: C:\sethdata\projects\projectmaps\Vac\Okatie River est



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

Project: Carolina Estates

Completed: Apr-12

Project #: 2012-564

Project Total: \$29,220.34

Narrative Description of Project:

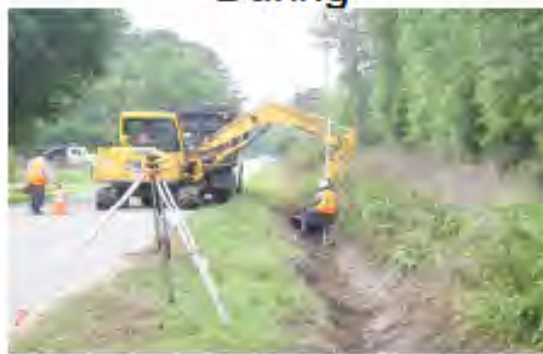
Project improved 6,220 L.F. of drainage system. Cleaned out 6,220 L.F. of roadside ditch. Jetted (2) crossline pipes and (44) driveway pipes.

Site Photographs

Before



During



After



Project: Carolina
Estates - Hampton
Drive, Carolina Ave
and Dorchester Drive
Map 1

Activity: Drainage
Maintenance














Project #:
2012-564

Township: Port
Royal Island

Completed:
April 2012

Legend

Drainage Type

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

Cleaned out
449 LF of
roadside ditch.

Cleaned out
284 LF of
roadside ditch.

Cleaned out
332 LF of
roadside ditch.

Cleaned out
175 LF of
roadside ditch.

Cleaned out
314 LF of
roadside ditch.

0 175 350 700 1,050 1,400
Feet

1 inch = 405 feet

Prepared By: BC Stormwater Management Utility
Date Print: 5/29/12

File: C:/sethdata/projects/projectmaps/Carolina Est 2012-564 Map1

Project: Carolina
Estates - Hampton
Drive, Columbia
Drive Map 2

Activity: Drainage
Maintenance

Project #:
2012-564

Township: Port
Royal Island

Completed:
April 2012



Legend

Drainage Type

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

0 175 350 700 1,050 1,400
Feet

1 inch = 405 feet

Prepared By: BC Stormwater Management Utility

Date Print: 5/29/12

File: C:/sethdata/projects/projectmaps/Carolina Est 2012-564 Map2

Jetted 44
driveway pipes.

Jetted (2)
crossline pipes.

Project: Carolina
Estates - Hampton
Drive, Carolina Ave,
Columbia Drive and
Dorchester Drive
Map 3

Activity: Vacuum
Truck














Project #:
2012-564

Township: Port
Royal Island

Completed:
April 2012

Legend

Drainage Type

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

0 175 350 700 1,050 1,400
Feet

1 inch = 405 feet

Prepared By: BC Stormwater Management Utility

Date Print: 5/14/12

File: C:/sethdata/projects/projectmaps/Vac/Carolina Est 2012-564 Map3



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

Project: Big Estate Road Outfall

Completed: Apr-12

Project #: 2012-578

Project Total: \$15,592.31

Narrative Description of Project:

Project improved 2,635 L.F. of drainage system. Bush hogged 2,300 L.F. of outfall ditch and workshelf. Cleaned out 2,635 L.F. of outfall ditch. Installed (1) access pipe.

Site Photographs

Before



During



After



**Project: Big Estate
Road Outfall**

**Activity: Drainage
Improvement**

**Project #:
2012-578**

**Township:
Sheldon**














**Completed:
April 2012**

Cleaned out 2,635
LF of outfall ditch.
Bush hogged 2,300
LF of workshelf.

Installed (1) access pipe.

Legend

Drainage Type

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

0 137.5 275 550 825 1,100
Feet

1 inch = 364 feet

Prepared By: BC Stormwater Management Utility

Date Print: 5/23/12

File: C:/sethdata/projects/projectmaps/Big Est Rd OF 12-578

Small Drainage Projects

- Scott Hill Road Vacuum Truck
Jul. 11– St. Helena Island
– Jetted out 415 LF of roadside pipe.

Small Drainage Projects

- Muddy Creek Road
Aug. 11 – Hilton Head Island
– Bush Hogged 707 LF of outfall ditch.

Small Drainage Projects

- Chisholm Road

Aug. 11 – St. Helena Island

– Jetted out (1) crossline pipe, (1) driveway and 74 LF of roadside pipe.

Small Drainage Projects

- Simmons Road

Sept. 11 – St. Helena Island

– Jetted out (1) crossline pipe and (2) driveway pipes.

Small Drainage Projects

- Mink Point Boulevard
Sept. 11 – Port Royal Island
– Repaired a washout and hand seeded for erosion control.

Small Drainage Projects

- Ladson and Folly Road Outfall
Nov. 11 – St. Helena Island
 - Cleaned out 1,386 LF of outfall and 105 LF of roadside ditch, installed (2) access pipes and (1) bleeder pipe.

Small Drainage Projects

- Forest Field Outfall
 - Dec. 11 – Port Royal Island
 - Cleaned out 2,693 LF of outfall ditch.

Small Drainage Projects

- Old Dawson Acres
Jan. 12 – Sheldon
 - Cleaned out 1,206 LF of roadside ditch, jetted out (8) driveway pipes and (2) access pipes.

Small Drainage Projects

- County Shed Road Outfall
Jan. 12 – Port Royal Island
 - Cleaned out 330 LF of outfall ditch.

Small Drainage Projects

- Cole Drive, Doer Drive and Tucker Ave.
Feb. 12 – Lady's Island
 - Removed blockages from the flow line and cleaned out 568 LF of roadside ditch. Cleaned out (1) catch basin, jetted out (2) crossline pipes, (6) driveway pipes and 18 LF of roadside pipe.

Small Drainage Projects

- Mary Jenkins Circle
Feb. 12 – St. Helena Island
 - Cleaned out 2,998 LF of roadside ditch and jetted out (12) driveway pipes.

Small Drainage Projects

- Community Center Road
Feb. 12 – Sheldon
 - Replaced and upsized a leaking crossline pipe.

Small Drainage Projects

- Wimbee Landing Road
Feb. 12 – Sheldon
 - Jetted out (2) crossline pipes clogged by beavers.

Small Drainage Projects

- Lady's Island Bush Hog Work
Mar. 12 – Lady's Island
 - Bush hogged 15,883 LF of outfall ditch, trimmed around catch basins and pipes with string trimmers.
 - Total cost \$11,686 or \$.74 per foot

Small Drainage Projects

- Qualls/Dawson Acres Outfall
Mar. 12 – Sheldon
 - Removed (2) blockages from the flow line, removed a fallen tree from the work shelf, and installed (3) bleeder pipes.

Small Drainage Projects

- Chisholm Hill Road
Mar. 12 – Port Royal Island
 - Removed numerous blockages from 4,000 LF of outfall ditch and cleaned out another 1,900 LF of outfall. Jetted out (3) crossline pipes, (3) access pipes and (1) driveway pipe.

Small Drainage Projects

- Pointe South Trace
Apr. 12 – Bluffton
 - Cleaned out 275 LF of outfall ditch that crosses a golf course fairway. Had to coordinate the schedule with the golf course and put down plywood to protect the fairway.

Small Drainage Projects

- Scott Hill Road Outfall
Apr. 12 – St. Helena Island
 - Removed debris from the work shelf.

Small Drainage Projects

- Brown's Island Road Outfall
Apr. 12 – Sheldon
 - Removed debris and repaired the work shelf.