



Fiscal Year 2005



Stormwater Utility

Project Report

Huspah Drive Outfall

Project Number: 2004-23

Start Month/Year: April 2004

Completion Month/Year: July 2004

Project Cost: \$30,838

Tax District: 700 – Sheldon

Council District: 6

Drainage/Water Quality Issue: There was standing water in the downstream portion of the outfall ditch and flooding in the upstream portion of the outfall ditch and its surrounding properties.

Resolution: This project cleaned out and reconstructed 3,160 feet of outfall ditch and maintenance access. The Utility also installed four access pipes, five property drain pipes, and applied grass for stabilization.

Area Benefited: This project alleviated standing water and flooding and provided drainage for Huspah Drive and surrounding properties.

Before



During



After

















Project:
Huspah Drive
Outfall

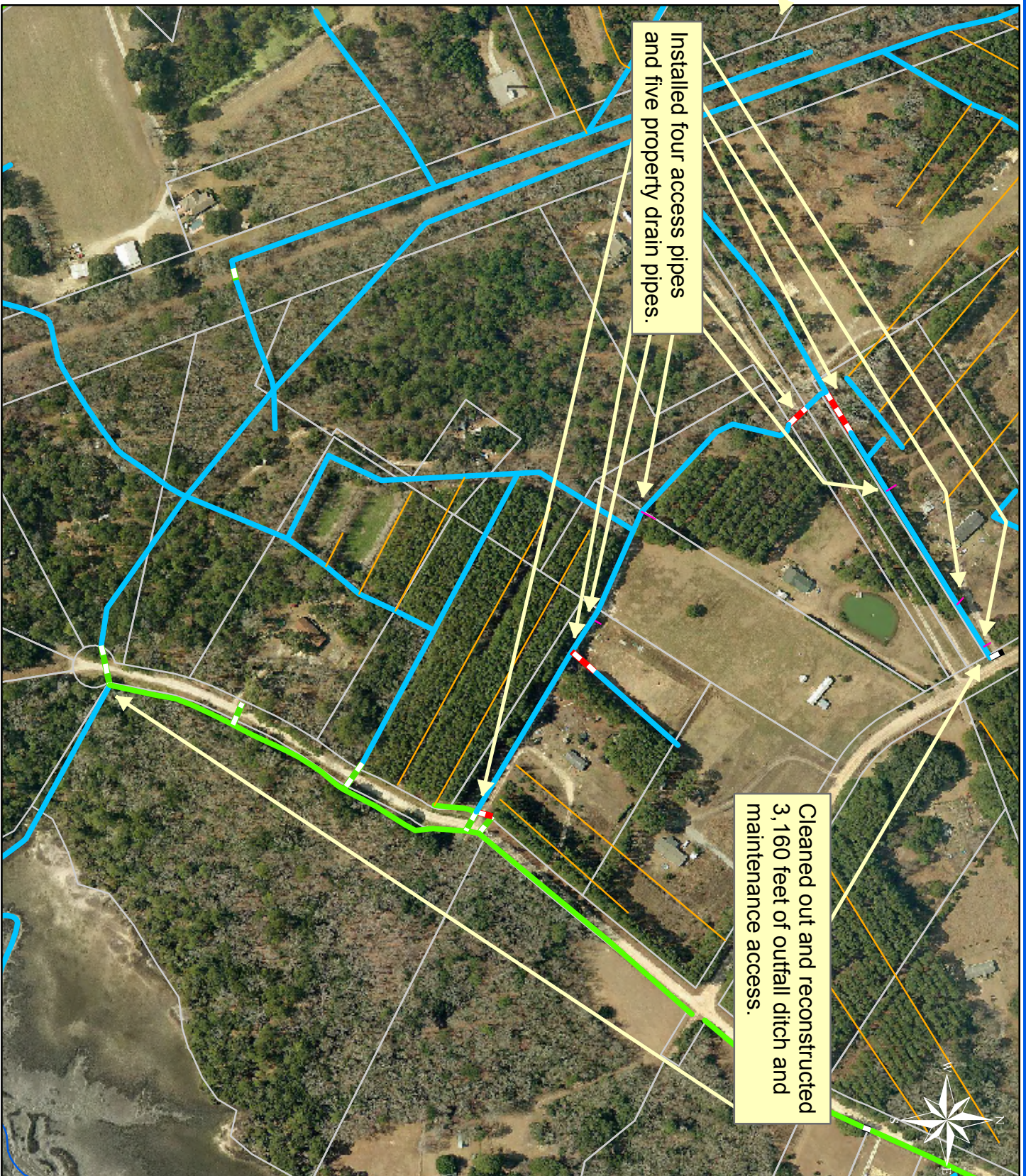
Activity:
Drainage
Maintenance

Project #:
2004-23

Township:
Sheldon

Completed:
July 2004

Legend	
Drainage Type	
	River
	Stream
	Outfall
	Lateral
	Lateral Pipe
	Roadside
	Roadside Pipe
	Road Pipe
	Crossline
	DW
	Access
	Piped
	Bleeder
	Parcels



1 inch = 323 feet

Date Print: 7/04



Stormwater Utility

Project Report

Wimbee Landing Road Outfall

Project Number: 2003-06

Start Month/Year: April 2004

Completion Month/Year: July 2004

Project Cost: \$38,610

Tax District: 700 - Sheldon

Council District: 6

Drainage/Water Quality Issue: There was stagnant and standing water in the outfall ditch and roadside ditch.

Resolution: This project cleared 3,260 feet of outfall ditch and realigned 2,970 feet of outfall ditch. The Utility also installed three driveway pipes and three property drain pipes. Additionally, the Utility installed stones and applied grass for stabilization.

Area Benefited: This project alleviated the stagnant and standing water and provided drainage for portions of Community Center Road, Keans Neck Road, Wimbee Landing Road, and surrounding properties.

Before



During



After





HERB LAND RD

WIMBEE LANDING RD

COMMUNITY CENTER RD

Installed three driveway pipes and three property drain pipes.

Realigned 2,970 feet of outfall ditch.

Cleared 3,260 feet of outfall ditch.



1 inch = 460 feet

Project:
Wimbee Landing
Road Outfall

Activity:
Drainage
Maintenance

Project #:
2003-06

Township:
Sheldon

Completed:
July 2004

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

Date Print: 9/04



Stormwater Utility

Project Report

Old County Shed Road Outfall

Project Number: 2002-30

Start Month/Year: August 2004

Completion Month/Year: October 2004

Project Cost: \$46,798

Tax District: 100 - Port Royal Island

Council District: 8

Drainage/Water Quality Issue: Portions of the drainage system were eroding and property owners were losing the use of their property. Also the ditch was deep, causing a safety hazard.

Resolution: This project removed trash from the drainage system, cleared 1,070 feet of maintenance access, constructed 310 feet and reconstructed 330 feet of outfall ditch. The Utility also installed 320 feet of outfall pipe, two catch basins, and one headwall. Additionally, the Utility cleaned out one crossline pipe, and for stabilization, installed stones and applied grass.

Area Benefited: This project allowed property owners to regain portions of their property, eliminated the safety hazard, and provided drainage for portions of County Shed Road, Jennings Road, and surrounding properties.

Before



During



After





Project:
 Old County Shed
 Road Outfall

Activity:
 Drainage
 Improvement

Project #:
 2002-30

Township:
 Port Royal Island

Completed:
 October 2004

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



Stormwater Utility

Project Report

David Green Outfall

Project Number: 2004-85

Start Month/Year: September 2004

Completion Month/Year: January 2005

Project Cost: \$27,719

Tax District: 300 – St. Helena Island

Council District: 5

Drainage/Water Quality Issue: The property owner requested the outfall ditch be moved to the property line. There was also stagnant water in the outfall ditch.

Resolution: This project cleared 800 feet of maintenance access, backfilled 680 feet of outfall ditch, constructed 800 feet of outfall ditch to realign ditch to property line, and cleaned out 600 feet of outfall ditch. The Utility also installed two access pipes to tie in lateral ditches to the outfall ditch and cleaned out one crossline pipe. Additionally, the Utility installed stones and applied grass for stabilization.

Area Benefited: This project alleviated the stagnant water and provided drainage for portions of David Green Road, Sycamore Hill Drive, and Capers Island Road.

Before



During



After



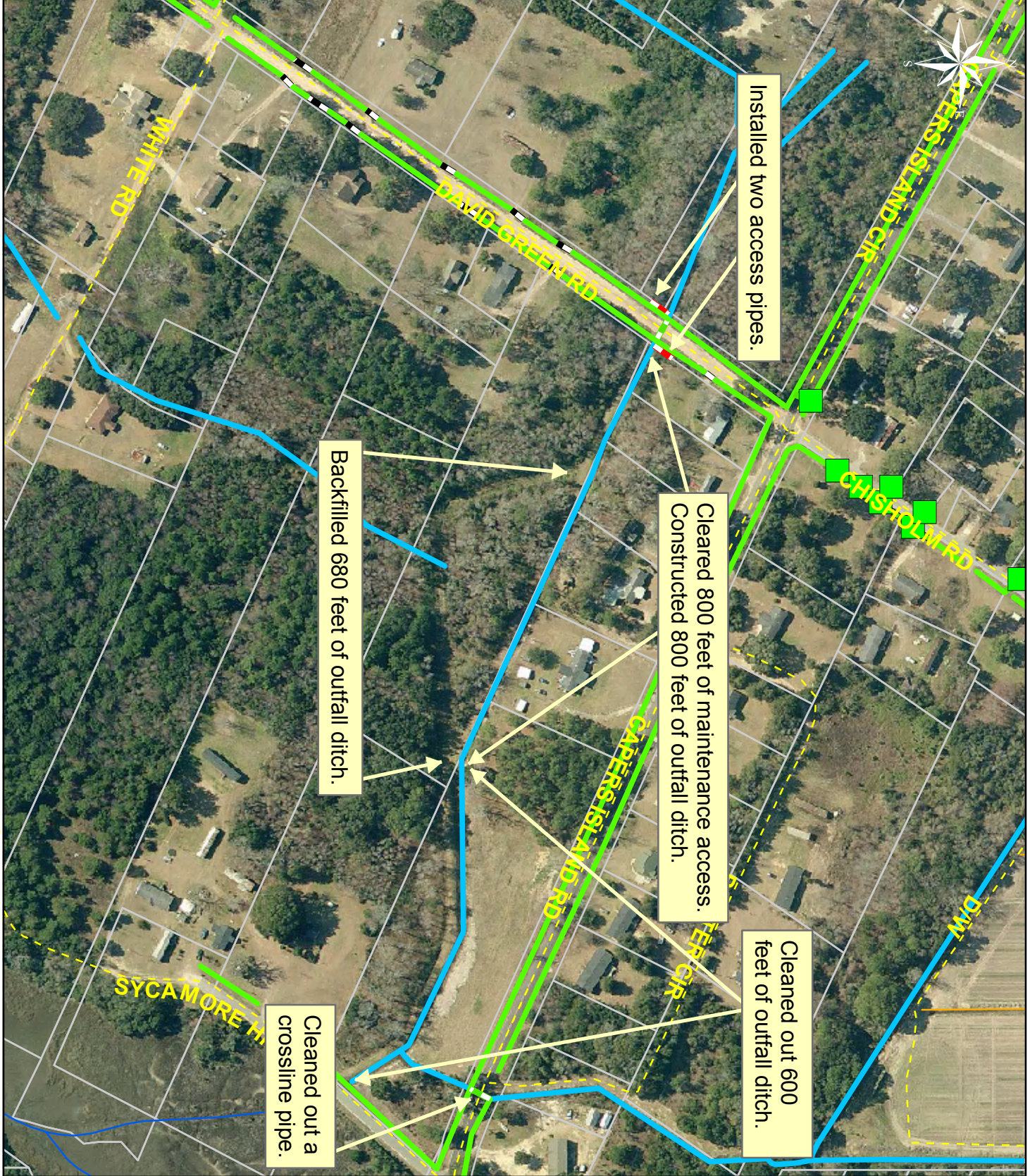
Project:
David Green
Outfall

Activity:
Drainage
Improvements

Project #:
2004-85

Township:
St. Helena Island

Completed:
January 2005



Legend	
Drainage Type	
	River
	Stream
	Outfall
	Lateral
	Lateral Pipe
	Roadside
	Roadside Pipe
	Crossline
	DW
	Access
	Piped
	Bleeder
	Parcels



Stormwater Utility

Project Report

Old Dawson Acres Road

Project Number: 2005-86

Start Month/Year: January 2005

Completion Month/Year: February 2005

Project Cost: \$27,685

Tax District: 700 – Sheldon

Council District: 6

Drainage/Water Quality Issue: The outfall ditch was deep, causing a safety hazard. Additionally, there were erosion problems on portions of the roadside.

Resolution: This project installed 500 feet of outfall pipe and two catch basins. The Utility also installed stones and applied grass for stabilization.

Area Benefited: This project alleviated the safety hazard and provided drainage for Haynes Road, Old Dawson Acres Road, a portion of Trask Parkway, and surrounding properties.

Before



During



After



Project:
Old Dawson Acres

Activity:
Drainage
Improvement

Project #:
2005-86

Township:
Sheldon

Completed:
February 2005



Legend

- Drainage Type**
- River
- Stream
- Outfall
- Lateral
- Lateral Pipe
- Roadside
- Roadside Pipe
- Road Pipe
- Crossline
- DW
- Access
- Piped
- Bleeder
- Parcels



Stormwater Utility

Project Report

Forest Fields

Project Number: 2004-16

Start Month/Year: November 2004

Completion Month/Year: March 2005

Project Cost: \$137,825

Tax District: 100 - Port Royal Island

Council District: 9

Drainage/Water Quality Issue: The property owner requested The Utility move the outfall ditch to the property line. The drainage system was also due for routine maintenance.

Resolution: This project cleared 4,530 feet, cleaned out 5,000 feet, backfilled 3,150 feet, and realigned 1,850 feet of outfall ditch. The Utility also replaced two single crossline pipes with twin crossline pipes and installed seven access pipes. Additionally, the Utility installed stones for stabilization.

Area Benefited: This project provided drainage for portions of St. Pauls Church Road, Clydesdale Circle, Quarterhorse Road, Pony Avenue, Palomino Drive, and Forest Field Road.

Before

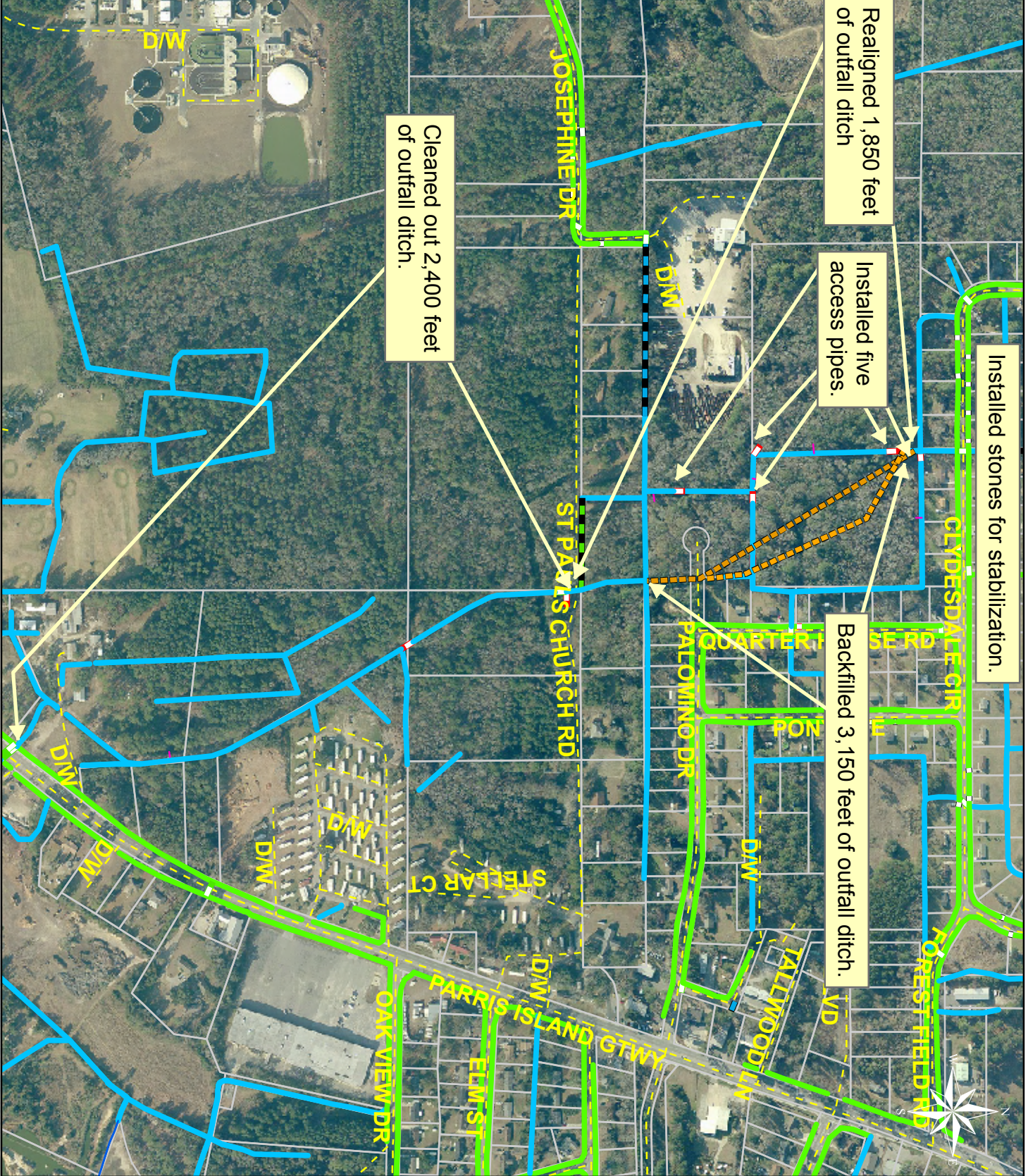


During



After





Project:
Forest Fields
Map 1

Activity:
Drainage
Improvements

Project #:
2004-16

Township:
Port Royal Island

Completed:
March 2005

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

Date Print: 04/05

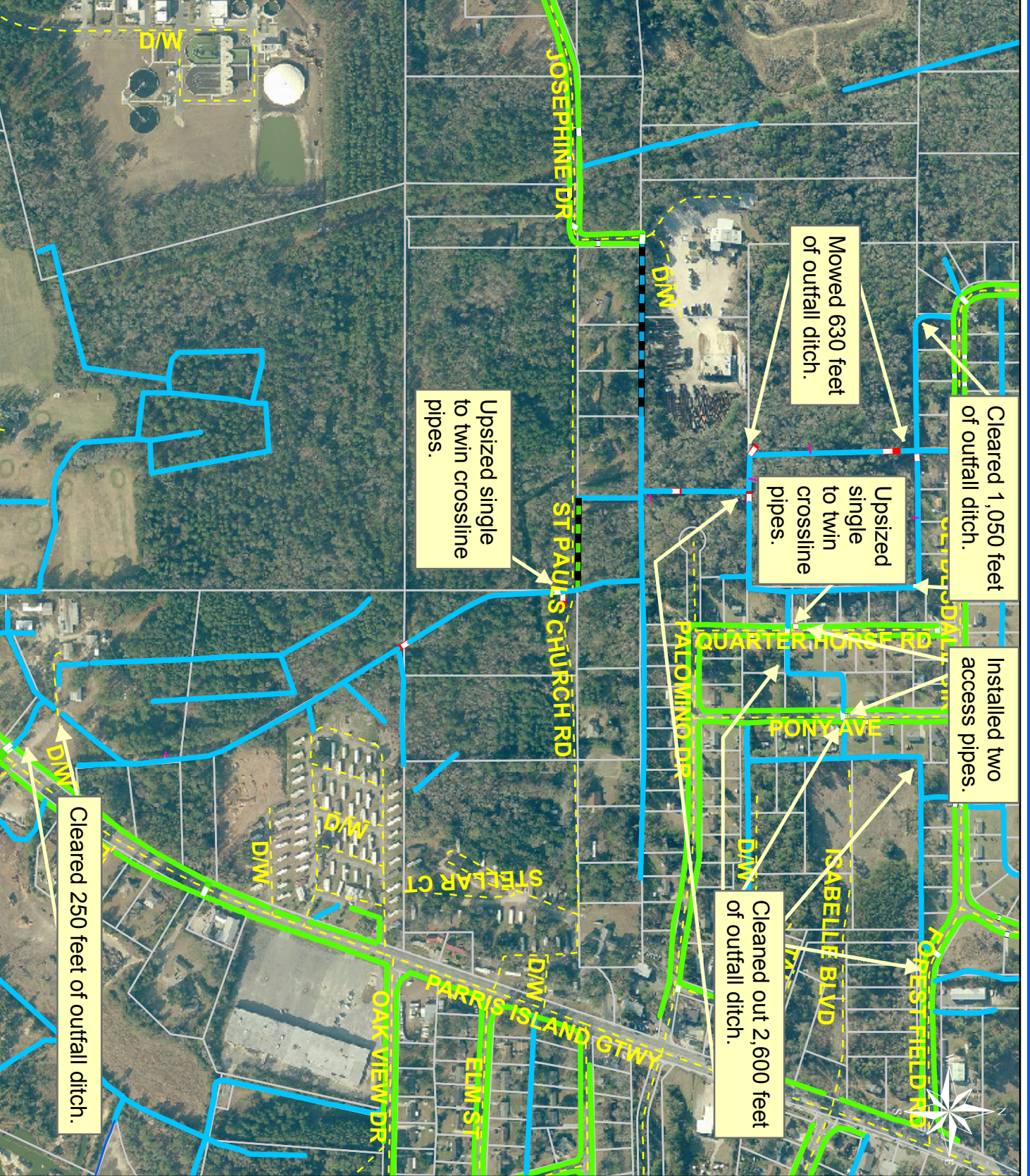
Project:
Forest Fields
Map 2

Activity:
Drainage
Improvements

Project #:
2004-16

Township:
Port Royal Island

Completed:
March 2005



1 inch = 521 feet

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

Date Print: 04/05



Stormwater Utility

Project Report

Bailey Circle and Nix Road

Project Number: 2003-89/2003-90/2005-77

Start Month/Year: December 2004

Completion Month/Year: March 2005

Project Cost: \$31,954

Tax District: 700 – Sheldon

Council District: 6

Drainage/Water Quality Issue: There was stagnant water on the roadside of Bailey Circle and standing water in the outfall ditch.

Resolution: This project cleaned out 2,300 feet of outfall ditch, realigned 200 feet of outfall ditch, and reconstructed 1,400 feet of maintenance access, and 800 feet of roadside ditch. The Utility also installed three property drain pipes, one crossline pipe, and replaced five driveway pipes and two crossline pipes. Additionally, the Utility installed stones and applied grass for stabilization.

Area Benefited: This project alleviated the standing water and provided drainage for Nix Road and portions of Bailey Road, Bailey Circle, and surrounding properties.

Before



During



After





Project:
Bailey Circle and
Nix Road

Activity:
Drainage
Improvement

Project #:
2003-89, 2003-90
and 2005-77

Township:
Sheldon

Completed:
March 2005

Legend	
Drainage Type	
	River
	Stream
	Outfall
	Lateral
	Lateral Pipe
	Roadside
	Roadside Pipe
	Road Pipe
	Crossline
	DW
	Access
	Piped
	Bleeder
	Parcels



Stormwater Utility

Project Report

Town of Hilton Head Island - Main Street

Project Number: 2005-75

Start Month/Year: November 2004

Completion Month/Year: March 2005

Project Cost: \$34,067

Tax District: 510 – Town of Hilton Head Island

Council District: 2

Drainage/Water Quality Issue: There was erosion of the invert end and outlet end of the pond and erosion of the adjacent property.

Resolution: This project installed 280 feet of outfall pipe and a catch basin. The Utility also installed stones to the pond's bulkhead for stabilization. Additionally, the Utility installed grass and stones and applied grass for stabilization.

Area Benefited: This project repaired the erosion issues and provided drainage for portions of Main Street, Wilborn Road, and surrounding properties.

Before



During

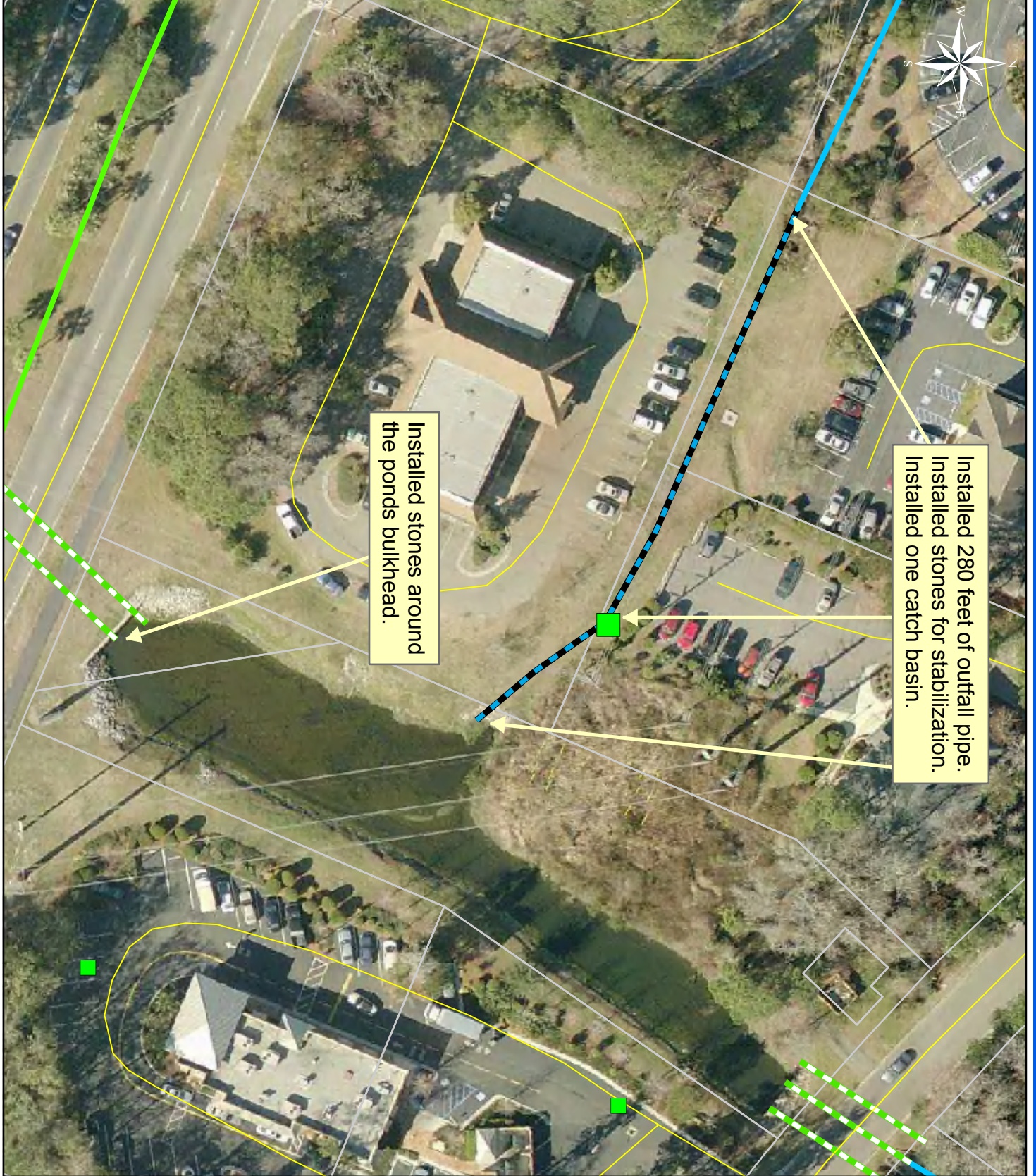


After





1 inch = 63 feet



Project:
Town of Hilton
Head Island - Main
Street

Activity:
Drainage
Maintenance

Project #:
2005-75

Township:
Town of Hilton
Head Island

Completed:
March 2005

Legend

Drainage Type

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



Stormwater Utility

Project Report

Mitchell Road Outfall

Project Number: 2004-42

Start Month/Year: November 2004

Completion Month/Year: May 2005

Project Cost: \$21,678

Tax District: 700 - Sheldon

Council District: 6

Drainage/Water Quality Issue: There was stagnant water in the outfall ditch.

Resolution: This project cleared 8,750 feet and cleaned out 4,600 feet of outfall ditch. The Utility also installed two access pipes and a driveway pipe. Additionally, the Utility installed stones and applied grass for stabilization.

Area Benefited: This project alleviated stagnant water and provided drainage for a portion of Mitchell Road.

Before



During



After

















Project:
Mitchell Road Outfall

Activity:
Drainage
Maintenance

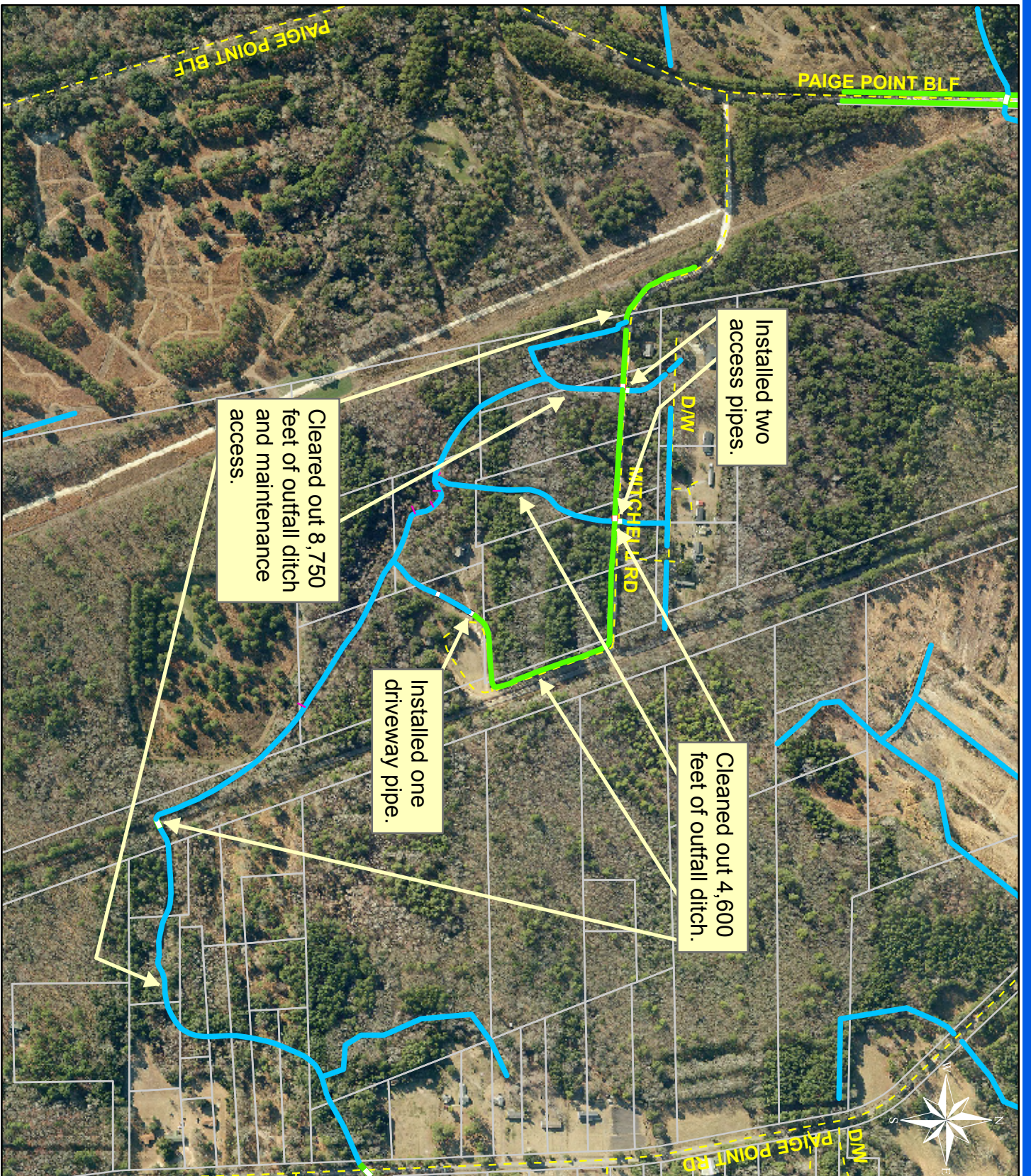
Project #:
2004-42

Township:
Sheldon

Completed:
May 2005

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

Date Print: 7/05





Stormwater Utility

Project Report

Colonial Heights Outfall and Laterals

Project Number: 2004-99

Start Month/Year: April 2005

Completion Month/Year: June 2005

Project Cost: \$20,213

Tax District: 100 - Port Royal Island

Council District: 9

Drainage/Water Quality Issue: There was standing water throughout the drainage system.

Resolution: This project mowed 1,100 feet of outfall ditch, cleared 610 feet outfall ditch, cleaned out 3,810 feet of outfall ditch, and cleared 1,260 feet of maintenance access. The Utility also installed four access pipes. Additionally, the Utility installed stones and applied grass for stabilization.

Area Benefited: This project alleviated standing water and provided drainage for Walker Circle, and portions of Colonial Ave, Pulaski Drive, and surrounding properties.

Before



During



After



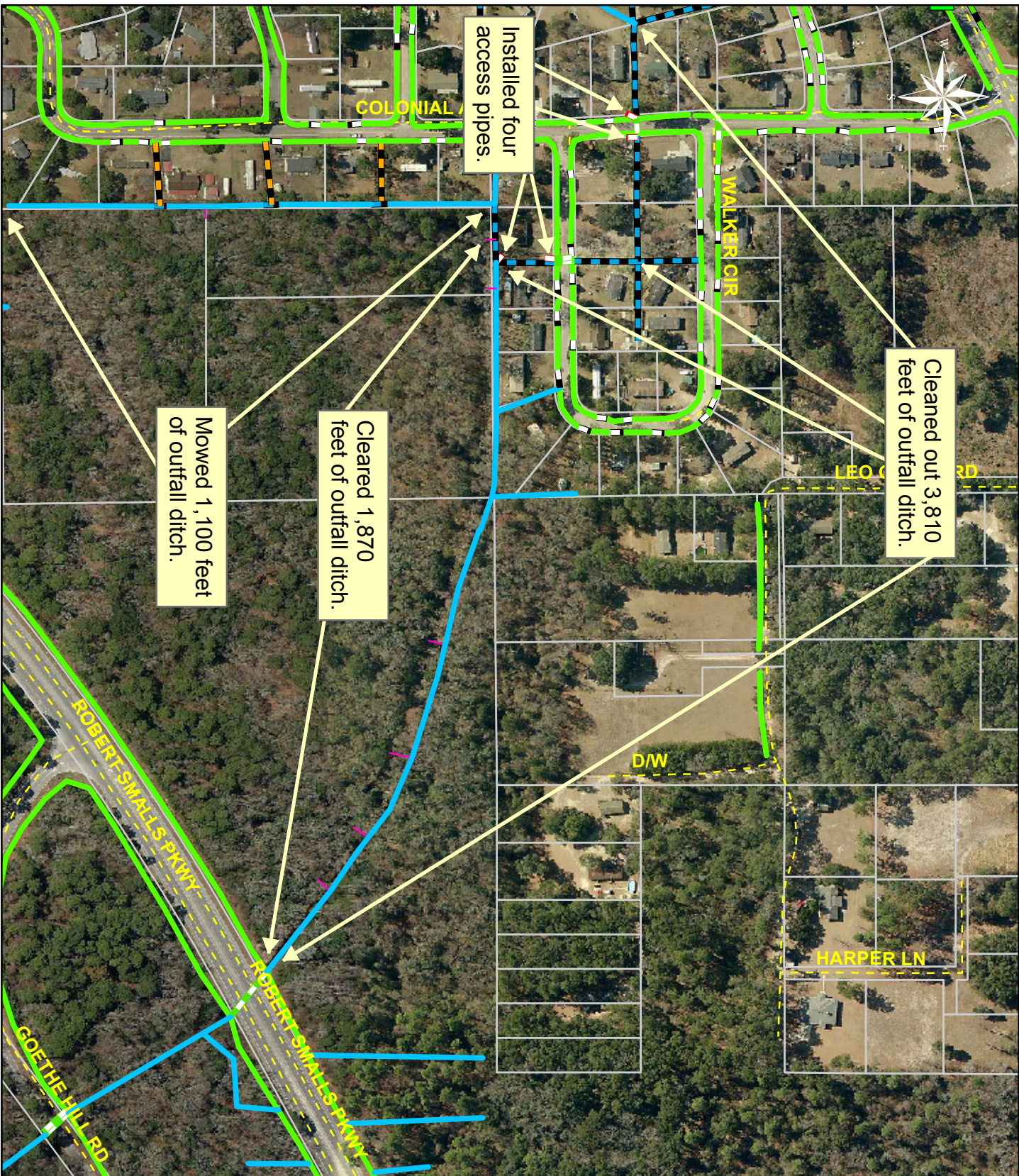
Project:
 Colonial Heights
 Outfall and Laterals

Activity:
 Drainage
 Maintenance

Project #:
 2004-99

Township:
 Port Royal Island

Completed:
 June 2005



1 inch = 313 feet

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

Date Print: 7/05



Stormwater Utility

Project Report

Salem Drive West Outfall/Lateral

Project Number: 2004-38

Start Month/Year: February 2005

Completion Month/Year: June 2005

Project Cost: \$66,004

Tax District: 100 – Port Royal Island

Council District: 9

Drainage/Water Quality Issue: The easement for this outfall ditch did not allow enough area to maintain the ditch.

Resolution: This project cleared out 1,280 feet of outfall ditch and cleaned out 1,120 feet of roadside ditch. The Utility also installed 980 feet of outfall pipe and five catch basins along with replacing a crossline pipe. Additionally, the Utility installed stones and applied grass for stabilization.

Area Benefited: The project allowed the outfall to be routinely maintained. It also provided drainage for Plantation Drive and Salem Drive West.

Before

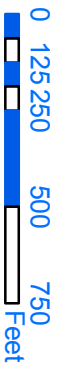
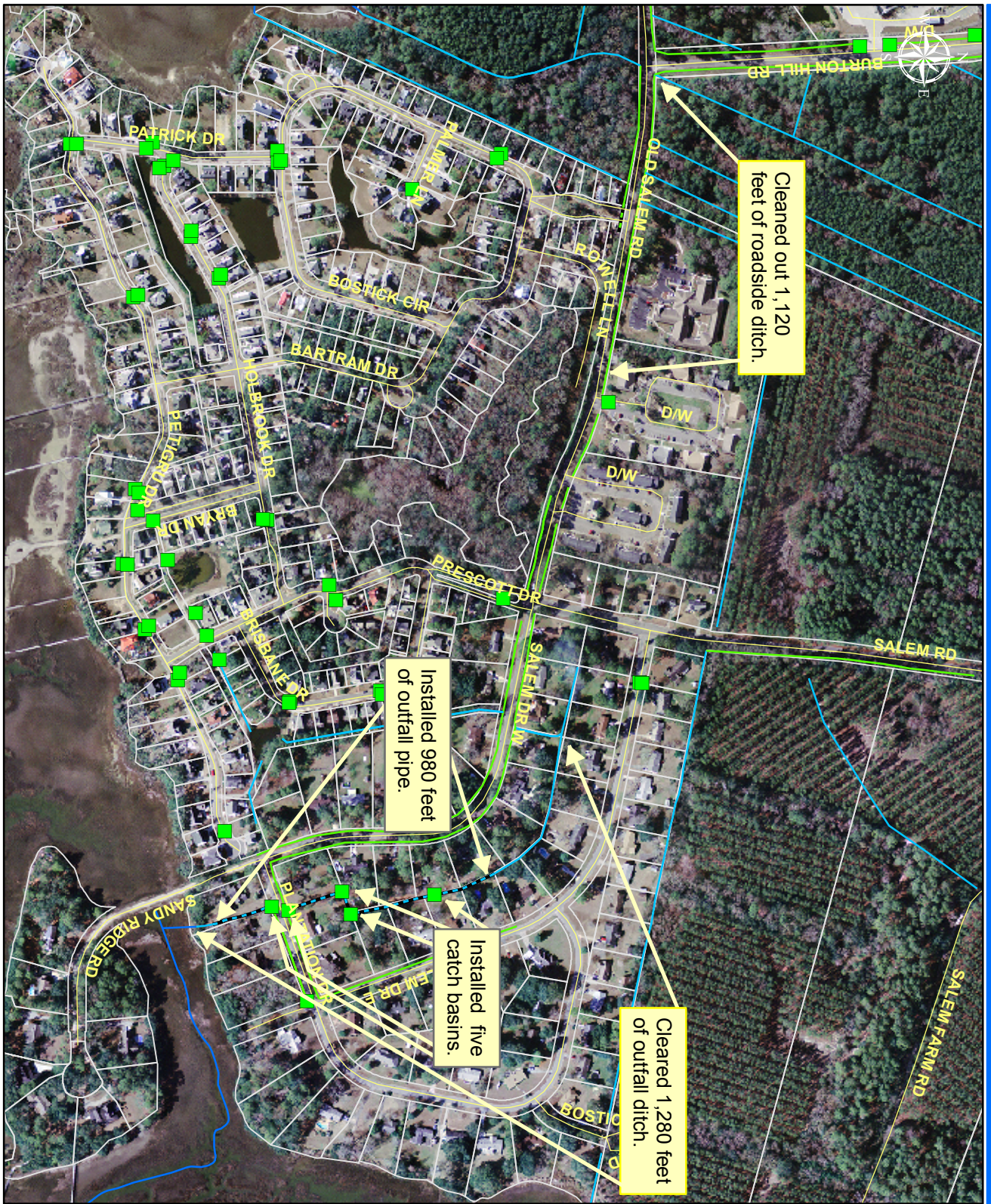


During



After





1 inch = 498 feet

Project:
Salem Drive West

Activity: Drainage
Maintenance

Project#: 2004-38

Township:
Port Royal Island

Completed:
June 2005

Drainage Type	
	River
	Stream
	Outfall
	Lateral
	Lateral Pipe
	Roadside
	Roadside Pipe
	Road Pipe
	Crossline
	DW
	Access
	Piped
	Bleeder
	Parcels

Printing Date: 07/05