



Fiscal Year 2003



Stormwater Utility

Project Report

Warsaw Island Outfall

Project Number: 2002-18

Start Month/Year: July 2002

Completion Month/Year: October 2002

Project Cost: \$22,186

Tax District: 300 – St. Helena Island

Council District: 5

Drainage/Water Quality Issue: The drainage system had not been maintained and there was no access to the outfall drainage system. Also there was stagnant water in the outfall ditches.

Resolution: This project cleared 6,060 feet of maintenance access, cleaned out 22,000 feet of roadside ditch and 6,060 feet of outfall ditches. The Utility also replaced two access pipes and one crossline pipe and installed nine access pipes. Additionally, the Utility cleaned out two crossline pipes, replenished stones, and applied grass for stabilization.

Area Benefited: This project provided drainage for Gardner Circle, Major Road, JB Lane, and surrounding properties.

Before

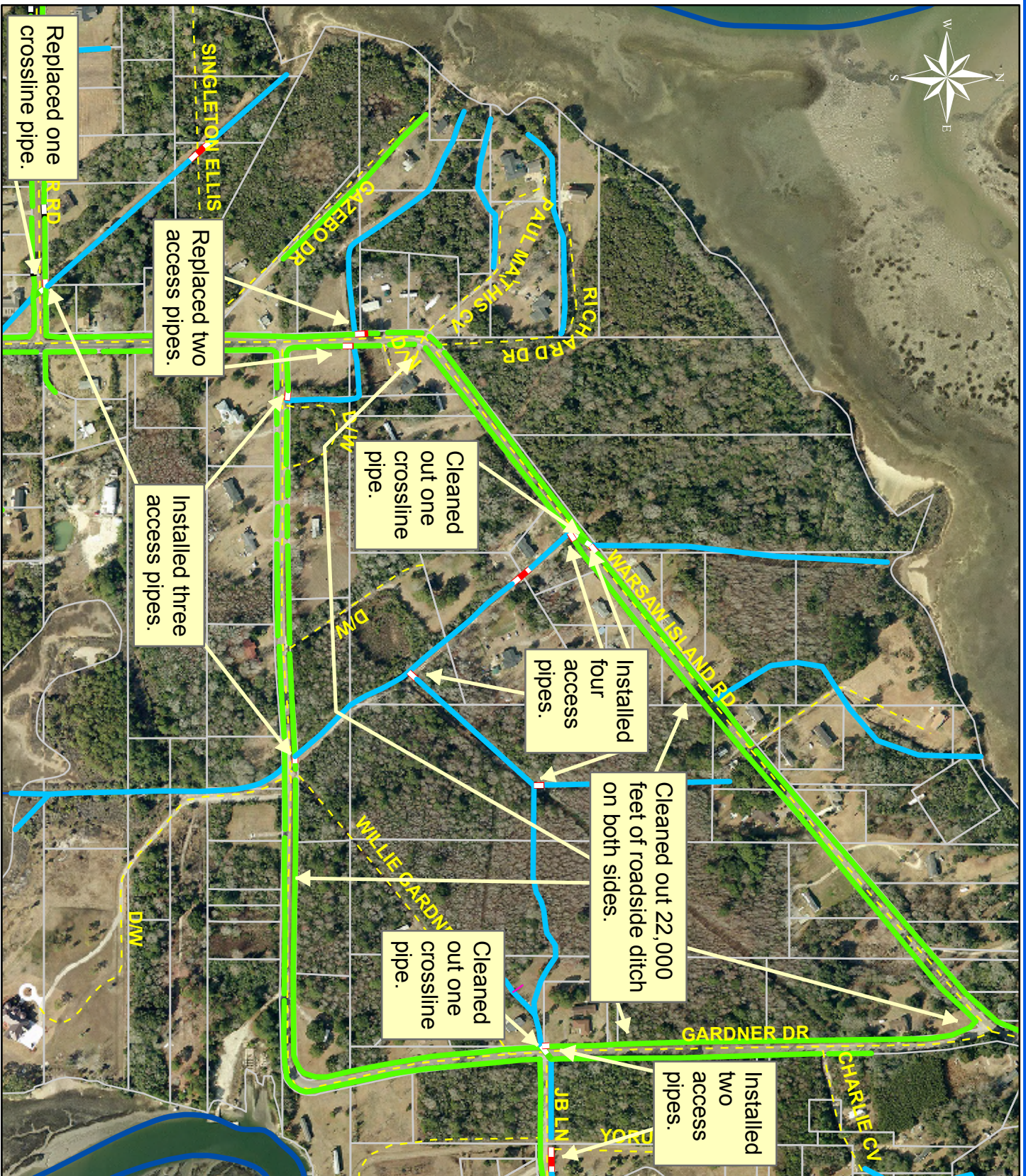


After





1 inch = 449 feet



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

Project:
Warsaw Island
Map 1

Activity:
Drainage
Maintenance

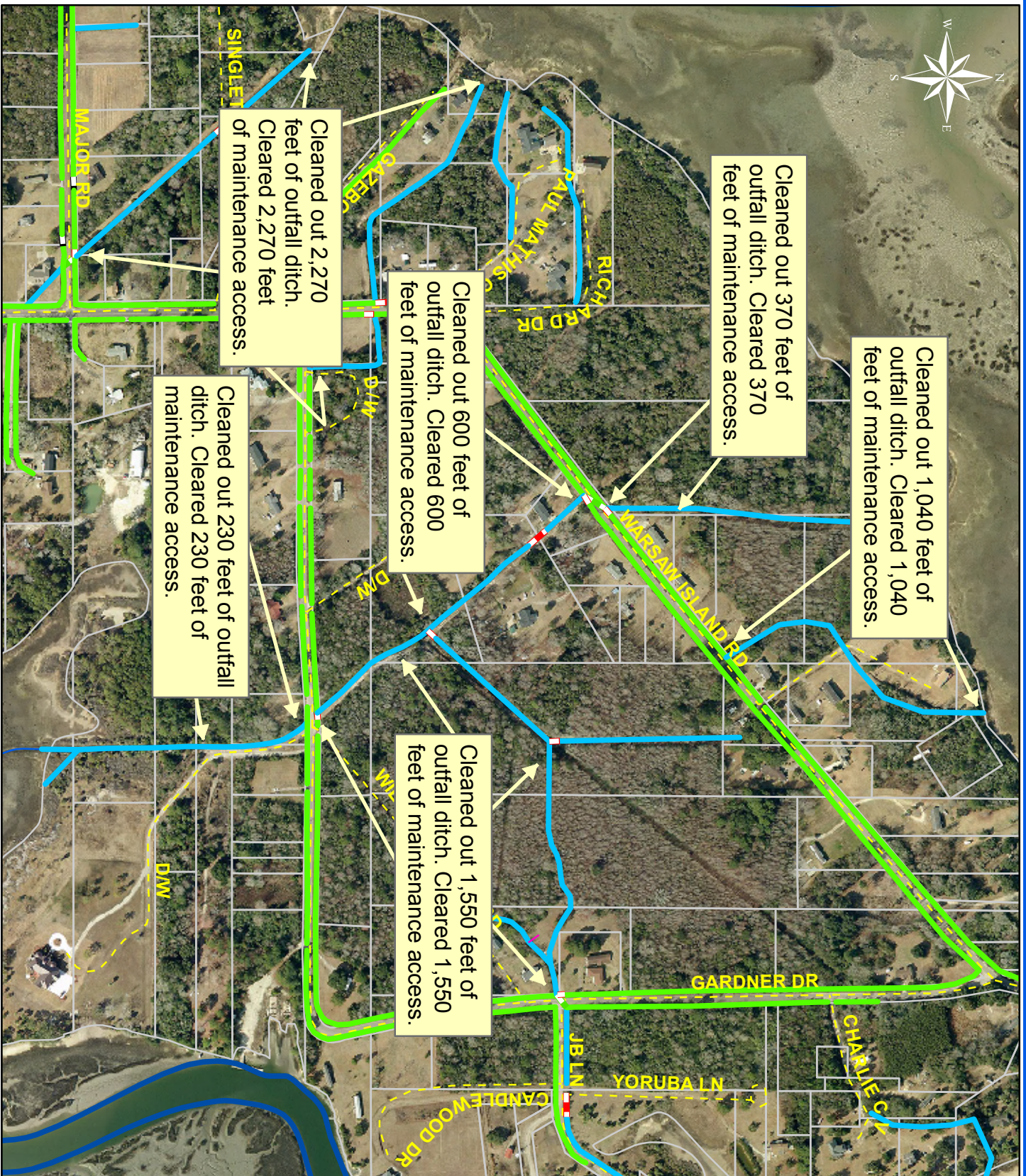
Project #:
2002-18

Township:
St. Helena Island

Completed:
October 2002



1 inch = 461 feet



Cleaned out 2,270 feet of outfall ditch. Cleared 2,270 feet of maintenance access.

Cleaned out 600 feet of outfall ditch. Cleared 600 feet of maintenance access.

Cleaned out 370 feet of outfall ditch. Cleared 370 feet of maintenance access.

Cleaned out 1,040 feet of outfall ditch. Cleared 1,040 feet of maintenance access.

Cleaned out 230 feet of outfall ditch. Cleared 230 feet of maintenance access.

Cleaned out 1,550 feet of outfall ditch. Cleared 1,550 feet of maintenance access.

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

Date Print: 11/02

Project:
Warsaw Island
Map 2

Activity:
Drainage
Maintenance

Project #:
2002-18

Township:
St. Helena Island

Completed:
October 2002



Stormwater Utility

Project Report

Pine Run Trail

Project Number: 2002-24

Start Month/Year: December 2002

Completion Month/Year: May 2003

Project Cost: \$137,910

Tax District: 200 - Lady's Island

Council District: 7

Drainage/Water Quality Issue: There was flooding of Pine Run Trail and adjacent properties. Additionally there was standing water on the adjacent properties off of Wade Hampton Drive. Also as North Royal Pines' drainage system was undersized, there was stagnant water throughout the drainage system.

Resolution: This project installed 1,620 feet of roadside pipe, one headwall, eight catch basins, upsized a crossline pipe. The Utility also constructed 1,620 feet of roadside valley drain.

Area Benefited: This project alleviated the flooding, the standing water, and provided drainage for Pine Run Trail and Wade Hampton Drive along with portions of Hickory Road, Red Tip Road, White Dogwood Road, Pickens Street, Winthrop Street, Sam's Point Road, and surrounding properties.

Before

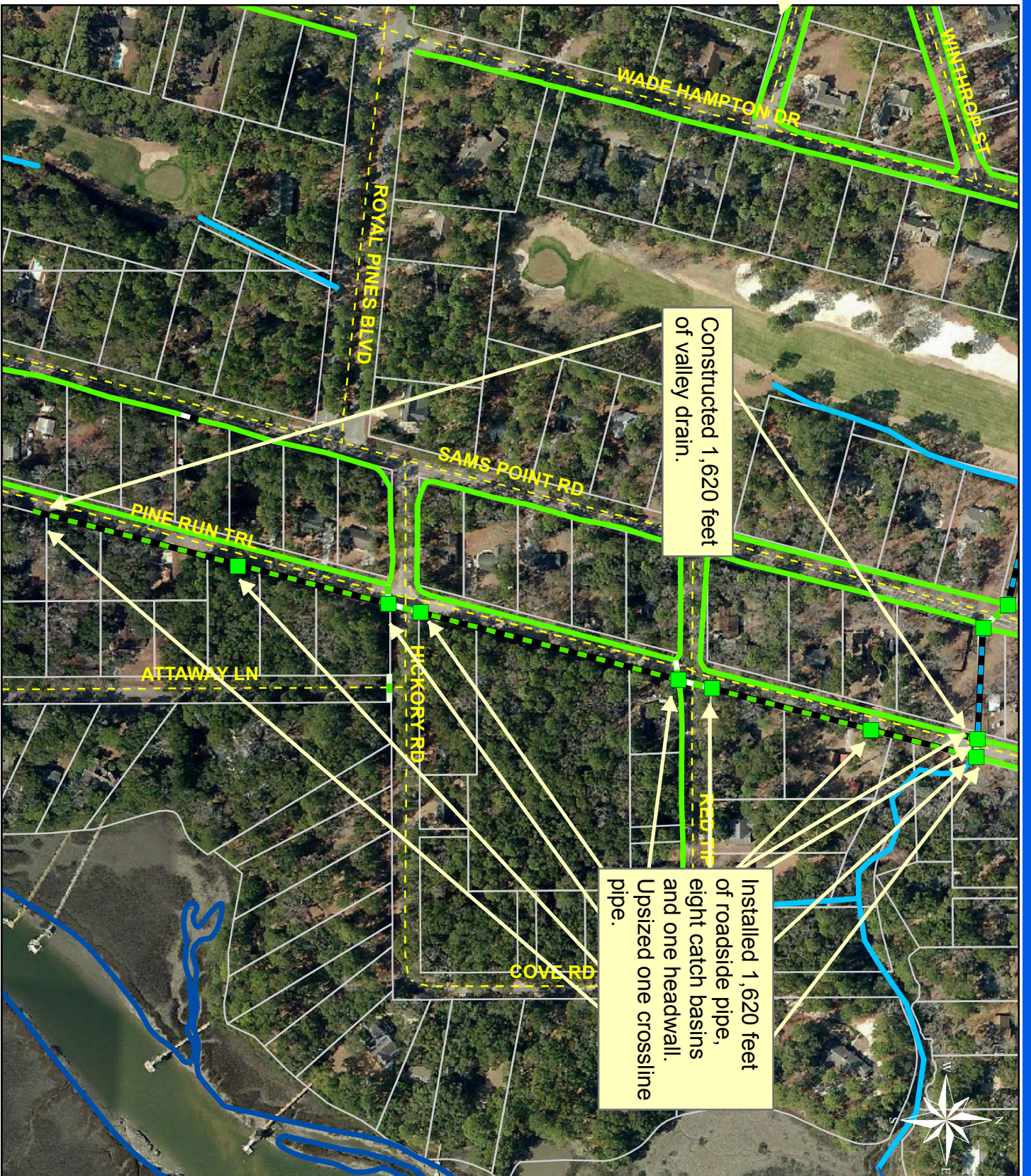


During



After





Project:
Pine Run Trail

Activity:
Drainage Improvement

Project #:
2002-24

Township:
Lady's Island

Completed:
May 2003

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

Date Print: 6/03



Stormwater Utility

Project Report

North Royal Pines Subdivision - Phase I

Project Number: 2003-43

Start Month/Year: April 2003

Completion Month/Year: June 2003

Project Cost: \$23,939

Tax District: 200 – Lady's Island

Council District: 7

Drainage/Water Quality Issue: North Royal Pines' drainage system was undersized and not draining properly, which led to stagnant water throughout the drainage system.

Resolution: This project cleared 180 feet of outfall ditch and maintenance access, installed 180 feet of outfall pipe, and a catch basin. Additionally, the Utility applied grass for stabilization.

Area Benefited: This project alleviated stagnant water in a portion of the drainage system, provided drainage for Wade Hampton Drive, and provided drainage for portions of Hickory Road, Red Tip Road, White Dogwood Road, Pickens Street, Winthrop Street, Sam's Point Road, and surrounding properties.

Before



During



After



Cleared 180 feet of maintenance access and outfall ditch. Installed 180 feet of outfall pipe and one catch basin.



Project:
North Royal Pines
Subdivision Phase I

Activity:
Drainage
Improvement

Project #:
2003-43

Township:
Lady's Island

Completed:
June 2003

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