



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

**Project Summary:** Gardner Drive & Warsaw Island Road

**Activity:** Routine/Preventive Maintenance

**Duration:** 02/23/2022 - 07/15/2022

**Narrative Description of Project:**

Project improved 16,662 L.F. of drainage system. Cleaned out 15,323 L.F. of roadside ditch and 1,339 of channel ditch. Jetted (55) driveway pipes, (4) crossline pipes and (3) access pipes.

<b>2022-557 / Gardner Drive &amp; Warsaw Island Road</b>	<b>Labor Hours</b>	<b>Labor Cost</b>	<b>Equipment Cost</b>	<b>Material Cost</b>	<b>Contractor Cost</b>	<b>Indirect Cost</b>	<b>Total Cost</b>
AUDIT / Audit Project	6.00	\$196.44	\$0.00	\$0.00	\$0.00	\$121.26	\$317.70
CCO / Channel - cleaned out	60.00	\$1,620.52	\$232.90	\$214.50	\$0.00	\$1,082.64	\$3,150.56
DPJT / Driveway Pipe - Jetted	102.00	\$3,287.95	\$1,954.32	\$604.39	\$0.00	\$2,062.32	\$7,908.98
HAUL / Hauling	249.00	\$6,827.07	\$4,517.22	\$1,938.17	\$0.00	\$3,014.32	\$16,296.78
RSDCL / Roadside Ditch - Cleanout	586.50	\$15,219.35	\$3,122.19	\$1,856.16	\$0.00	\$8,047.78	\$28,245.48
UTLOC / Utility locates	1.50	\$65.07	\$0.00	\$0.00	\$0.00	\$40.17	\$105.24
<b>Grand Total</b>	<b>1,005.00</b>	<b>\$27,216.40</b>	<b>\$9,826.63</b>	<b>\$4,613.22</b>	<b>\$0.00</b>	<b>\$14,368.49</b>	<b>\$56,024.75</b>

**Before**

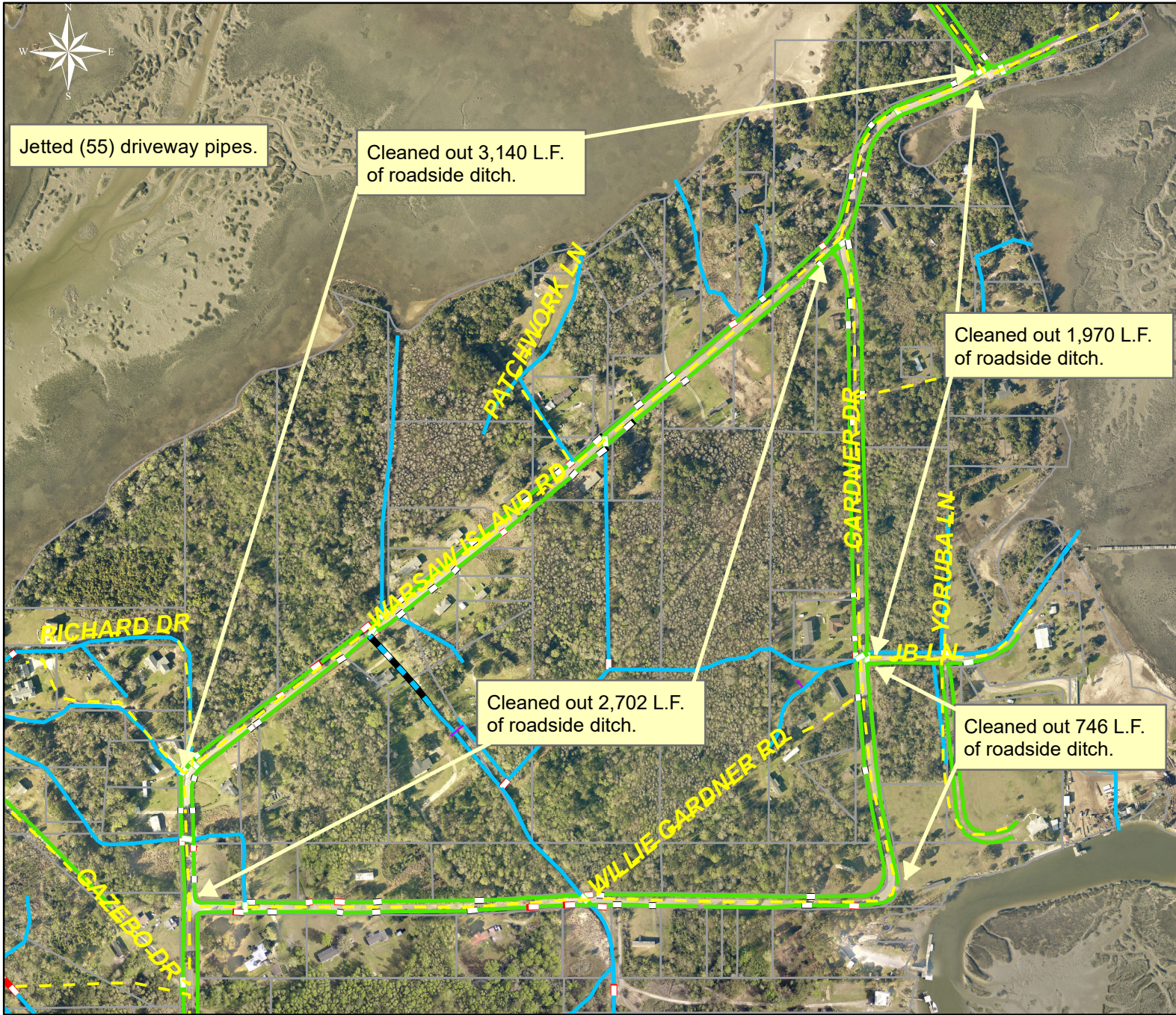


**During**



**After**





Jetted (55) driveway pipes.

Cleaned out 3,140 L.F. of roadside ditch.

Cleaned out 1,970 L.F. of roadside ditch.

Cleaned out 2,702 L.F. of roadside ditch.

Cleaned out 746 L.F. of roadside ditch.

Project: Gardner Drive & Warsaw Island Road Map #1

Activity: Routine/ Preventive Maintenance

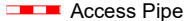






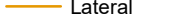





Project #: 2022-547

Township/SW Dist: St Helena Island/8

Completed: July 2022

**Legend**

**Drainage Type**

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe

0 87.5175 350 525 700 Feet

**1 inch = 500 feet**

Prepared By: BC Stormwater Management Utility

Date Print: 12/06/22

File: C:\project summaries map\Gardner Drive Map 1\_2022-547



Project: Gardner Drive & Warsaw Island Road  
Map #2

Activity: Routine/  
Preventive  
Maintenance

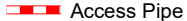






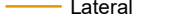





Project #:  
2022-547

Township/SW Dist:  
St Helena Island/8

Completed:  
July 2022

**Legend**

**Drainage Type**

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe



**1 inch = 420 feet**

Prepared By: BC Stormwater Management Utility

Date Print: 12/06/22

File: C:\project summaries map\Gardner Drive Map 2\_2022-547



Project: Gardner Drive & Warsaw Island Road Map #3

Activity: Routine/ Preventive Maintenance














Project #: 2022-547

Township/SW Dist: St Helena Island/8

Completed: July 2022

**Legend**

**Drainage Type**

-  Access Pipe
-  Bleeder Pipe
-  Channel Pipe
-  Channel
-  Stream
-  Crossline Pipe
-  Driveway Pipe
-  Lateral
-  Lateral Pipe
-  River
-  Road Pipe
-  Roadside
-  Roadside Pipe

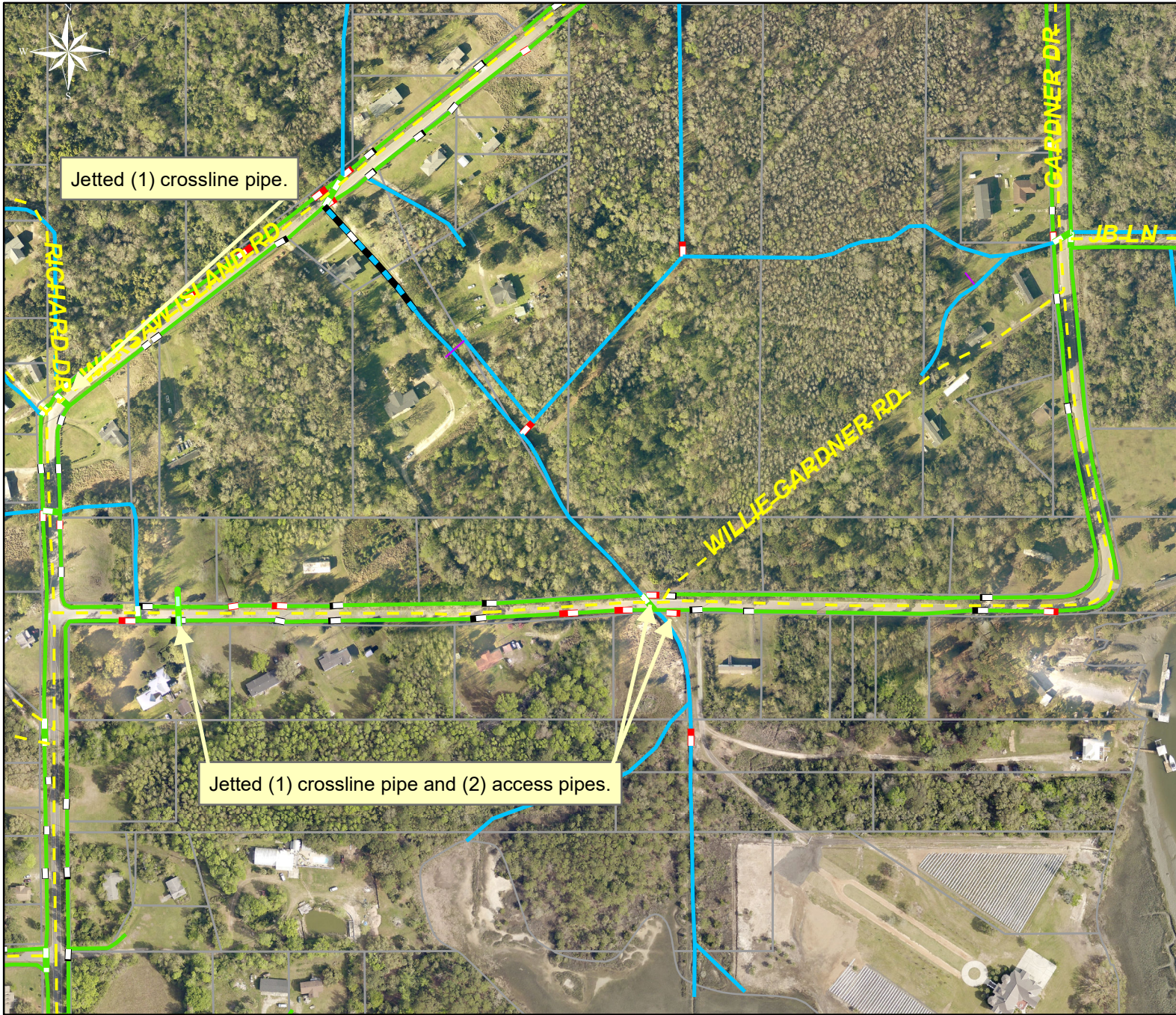


**1 inch = 330 feet**

Prepared By: BC Stormwater Management Utility

Date Print: 12/06/22

File: C:\project summaries map\Gardner Drive Map 3\_2022-547



Project: Gardner Drive & Warsaw Island Road Map #4

Activity: Routine/ Preventive Maintenance

Project #: 2022-547

Township/SW Dist: St Helena Island/8

Completed: July 2022

Legend	
Drainage Type	
	Access Pipe
	Bleeder Pipe
	Channel Pipe
	Channel
	Stream
	Crossline Pipe
	Driveway Pipe
	Lateral
	Lateral Pipe
	River
	Road Pipe
	Roadside
	Roadside Pipe

0 55 110 220 330 440 Feet

1 inch = 330 feet

Prepared By: BC Stormwater Management Utility

Date Print: 12/07/22

File: C:\project summaries map\Gardner Drive Map 4\_2022-547



Project: Gardner Drive & Warsaw Island Road Map #5

Activity: Routine/ Preventive Maintenance

Project #: 2022-547

Township/SW Dist: St Helena Island/8

Completed: July 2022

Legend	
<b>Drainage Type</b>	
	Access Pipe
	Bleeder Pipe
	Channel Pipe
	Channel
	Stream
	Crossline Pipe
	Driveway Pipe
	Lateral
	Lateral Pipe
	River
	Road Pipe
	Roadside
	Roadside Pipe

Jetted (2) crossline pipes and (1) access pipe.

0 55 110 220 330 440 Feet

1 inch = 330 feet

Prepared By: BC Stormwater Management Utility

Date Print: 12/07/22

File: C:\project summaries map\Gardner Drive Map 5\_2022-547