



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: St Helena Island Valley Drains

Activity: Routine/Preventive Maintenance

Duration: 01/13/2023 - 03/24/2023

Narrative Description of Project:

Project improved 31,390 L.F. of drainage system. Cleaned out 31,390 L.F. of valley drains. This project consisted of the following areas: Queens Road (2,158 L.F.), Hunters Grove Road (4,784 L.F.), Vineyard Point Road (8,012 L.F.), White Sands Circle (866 L.F.), Tombee Road (7,404 L.F.), Luther Warren Drive (2,664 L.F.), James Grant Road (1,968 L.F.) and The Avenue (3,534 L.F.).

2023-312 / St Helena Island Valley Drains

	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Indirect Labor	Total Cost
AUDIT / Audit Project	4.00	\$166.48	\$0.00	\$0.00	\$0.00	\$83.28	\$249.76
CLJS / Cleaned up jobsite	4.00	\$119.88	\$33.16	\$23.64	\$0.00	\$74.00	\$250.68
COVD / Cleaned Out Valley Drains	180.00	\$4,513.02	\$733.20	\$674.82	\$0.00	\$2,566.92	\$8,487.96
HAUL / Hauling	44.00	\$1,323.64	\$838.64	\$584.48	\$0.00	\$841.76	\$3,588.52
ONJV / Onsite Job Visit	42.00	\$1,752.24	\$182.70	\$76.73	\$0.00	\$0.00	\$2,011.67
Grand Total	274.00	\$7,875.26	\$1,787.70	\$1,359.67	\$0.00	\$3,565.96	\$14,588.59

Before



During



After





Project: St. Helena
Island Valley Drains -
Queens Road
Map #1

Activity: Routine/
Preventive
Maintenance

Project #:
2023-312

Township/SW Dist:
St. Helena Island/8

Completed:
March 2023

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 50 100 200 300 400
Feet

1 inch = 250 feet

Prepared By: BC Stormwater Management Utility

Date Print: 10/02/23

File: C:\project summaries map\SHI Valley Drains- Queens Road Map #1_2023-312



Project: St. Helena
Island Valley Drains -
Hunters Grove Road
Map #2














Activity: Routine/
Preventive
Maintenance

Project #:
2023-312

Township/SW Dist:
St. Helena Island/8

Completed:
March 2023

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 50 100 200 300 400
Feet

1 inch = 250 feet

Prepared By: BC Stormwater Management Utility

Date Print: 10/02/23

File: C:\project summaries map\SHI Valley Drains- Hunters Grove Road Map #2_2023-312



Project: St. Helena Island Valley Drains - Vineyard Point Road Map #3

Activity: Routine/ Preventive Maintenance

Project #: 2023-312

Township/SW Dist: St. Helena Island/8

Completed: March 2023

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 85 170 340 510 680 Feet

1 inch = 420 feet

Prepared By: BC Stormwater Management Utility

Date Print: 10/02/23

File: C:\project summaries map\SHI Valley Drains- Vineyard Point Road Map #3_2023-312



Project: St. Helena Island Valley Drains - White Sands Circle Map #4

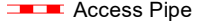

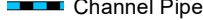
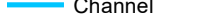


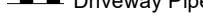
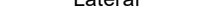
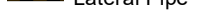
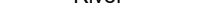



Activity: Routine/ Preventive Maintenance

Project #: 2023-312

Township/SW Dist: St. Helena Island/8

Completed: March 2023

Legend

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

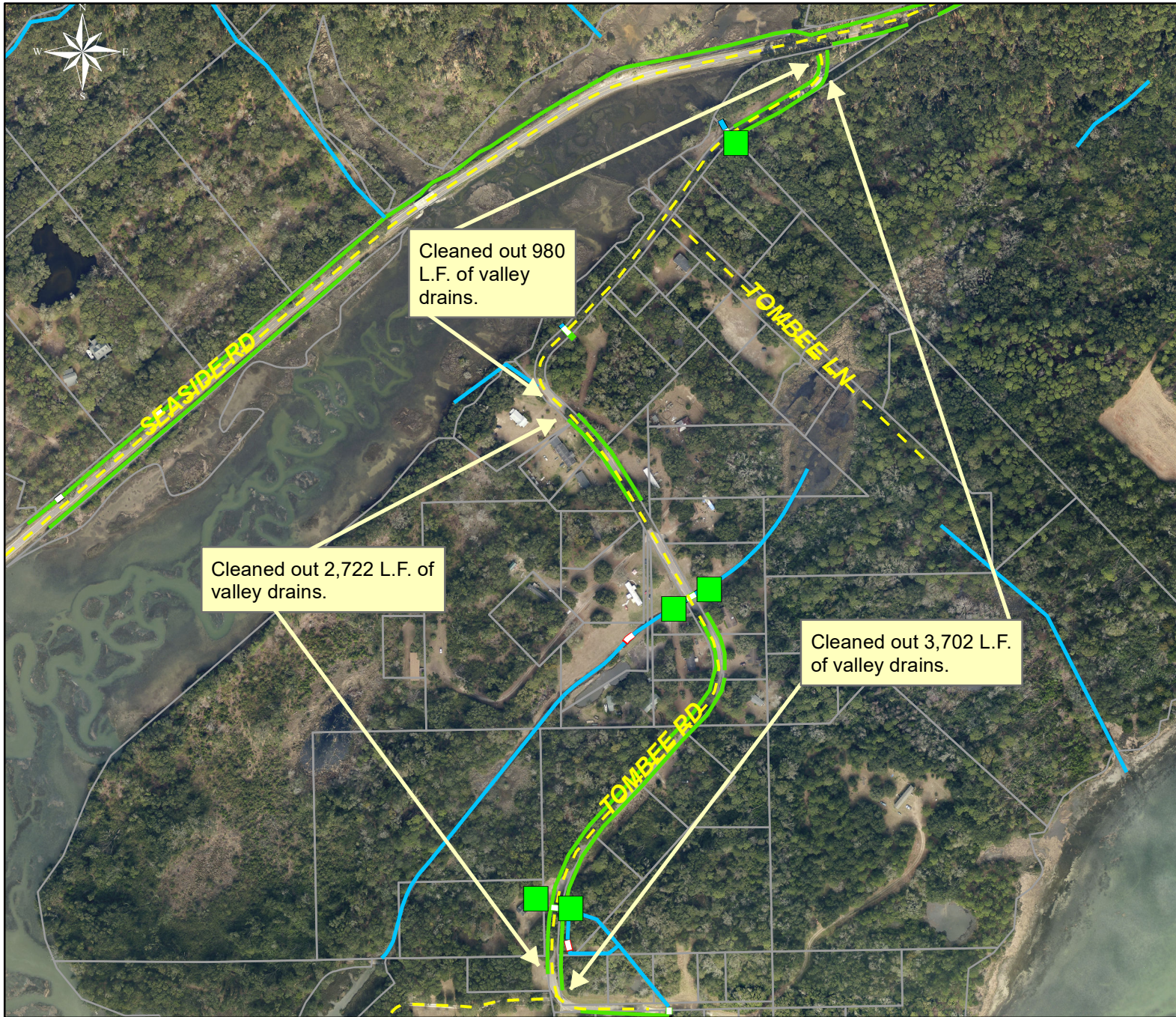
0 2550 100 150 200
 Feet

1 inch = 170 feet

Prepared By: BC Stormwater Management Utility

Date Print: 10/02/23

File: C:\project summaries map\SHI Valley Drains- White Sands Circle Map #4_2023-312



Project: St. Helena Island Valley Drains - Tombee Road Map #5

Activity: Routine/ Preventive Maintenance

Project #: 2023-312

Township/SW Dist: St. Helena Island/8

Completed: March 2023

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 75 150 300 450 600 Feet

1 inch = 420 feet

Prepared By: BC Stormwater Management Utility

Date Print: 10/02/23

File: C:\project summaries map\SHI Valley Drains- Tombee Road Map #5_2023-312



Project: St. Helena
Island Valley Drains -
Luther Warren Drive
Map #6

Activity: Routine/
Preventive
Maintenance














Project #:
2023-312

Township/SW Dist:
St. Helena Island/8

Completed:
March 2023

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 50 100 200 300 400
Feet

1 inch = 290 feet

Prepared By: BC Stormwater Management Utility

Date Print: 10/02/23

File: C:\project summaries map\SHI Valley Drains- Luther Warren Drive Map #6_2023-312



Project: St. Helena
Island Valley Drains -
James Grant Road
Map #7

Activity: Routine/
Preventive
Maintenance

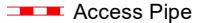





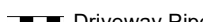






Project #:
2023-312

Township/SW Dist:
St. Helena Island/8

Completed:
March 2023

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 2550 100 150 200
 Feet

1 inch = 170 feet

Prepared By: BC Stormwater Management Utility

Date Print: 10/02/23

File: C:\project summaries map\SHI Valley Drains- James Grant Road Map #7_2023-312



Project: St. Helena
Island Valley Drains -
The Avenue
Map #8

Activity: Routine/
Preventive
Maintenance














Project #:
2023-312

Township/SW Dist:
St.Helena Island/8

Completed:
March 2023

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 55110 220 330 440
Feet

1 inch = 330 feet

Prepared By: BC Stormwater Management Utility
Date Print: 10/02/23

File: C:\project summaries map\St. Helena Island Valley Drains- The Avenue Map #8_2023-312