



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Chersterfield Subdivision-
 Chesterfield Lake Drive and Chesterfield Drive

Activity: Routine/Preventive Maintenance

Duration: 01/08/19-02/07/19

Narrative Description of Project:

Project improved 5,067 L.F. of drainage system. Cleaned out 4,735 L.F. of roadside ditch and (2) catch basins. Jetted (39) driveway pipes, (2) crossline pipes and 332 L.F. of roadside pipe. Hydroseeded for erosion control.

2019-543 / Chesterfield Drive Subdivision

	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Indirect Labor	Total Cost
AUDIT / Audit Project	1.5	\$32.69	\$0.00	\$0.00	\$0.00	\$0.00	\$32.69
CBCO / Catch basin - clean out	12.0	\$267.36	\$229.92	\$29.90	\$0.00	\$172.08	\$699.26
CLPJT / Crossline Pipe - Jetted	6.0	\$133.68	\$114.96	\$31.80	\$0.00	\$86.04	\$366.48
DPJT / Driveway Pipe - Jetted	76.0	\$1,693.28	\$1,456.16	\$282.78	\$0.00	\$1,089.84	\$4,522.06
HAUL / Hauling	90.5	\$1,998.32	\$1,142.04	\$399.13	\$0.00	\$1,217.50	\$4,756.99
HYDR / Hydroseeding	13.0	\$292.03	\$95.25	\$1,584.38	\$0.00	\$188.19	\$2,159.85
RSDCL / Roadside Ditch - Cleanout	205.0	\$4,506.05	\$1,117.85	\$293.68	\$0.00	\$2,880.15	\$8,797.73
UTLOC / Utility locates	0.5	\$12.35	\$0.00	\$0.00	\$0.00	\$6.62	\$18.97
2019-543 / Chesterfield Drive Subdivision Sub Total	404.5	\$8,935.75	\$4,156.18	\$2,621.67	\$0.00	\$5,640.41	\$21,354.01
Grand Total	404.5	\$8,935.75	\$4,156.18	\$2,621.67	\$0.00	\$5,640.41	\$21,354.01

Before



During



After





Project:
 Chesterfield
 Subdivision -
 Chesterfield
 Drive Map #1

Activity: Routine/
 Preventive
 Maintenance

Project #:
 2019-543

Township/SW Dist:
 Port Royal Island/6

Completed:
 February 2019

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 = 170 feet

Prepared By: BC Stormwater Management Utility

Date Print: 06/13/19

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Project:
 Chesterfield
 Subdivision -
 Chesterfield Lake
 Drive Map #2

Activity: Routine/
 Preventive
 Maintenance

Project #:
 2019-543

Township/SW Dist:
 Port Royal Island/6

Completed:
 February 2019



Legend

Drainage Type

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

Cleaned out 670 LF of roadside ditch and (1) catch basin. Jetted 232 LF of roadside pipe.



1 inch = 210 feet

Project:
 Chesterfield
 Subdivision -
 Chesterfield Lake
 Drive Map #3

Activity: Routine/
 Preventive
 Maintenance

Project #:
 2019-543

Township/SW Dist:
 Port Royal Island/6

Completed:
 February 2019



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 = 130 feet

Prepared By: BC Stormwater Management Utility
 Date Print: 02/21/19

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Project:
 Chesterfield
 Subdivision -
 Chesterfield
 Drive Map #4

Activity: Routine/
 Preventive
 Maintenance














Project #:
 2019-543

Township/SW Dist:
 Port Royal Island/6

Completed:
 February 2019

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 = 170 feet

Prepared By: BC Stormwater Management Utility

Date Print: 06/13/19

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Project:
 Chesterfield
 Subdivision -
 Chesterfield Lake
 Drive Map #5

Activity: Routine/
 Preventive
 Maintenance














Project #:
 2019-543

Township/SW Dist:
 Port Royal Island/6

Completed:
 February 2019

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 = 170 feet

Prepared By: BC Stormwater Management Utility

Date Print: 06/13/19

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Project:
 Chesterfield
 Subdivision -
 Chesterfield Lake
 Drive Map #6

Activity: Routine/
 Preventive
 Maintenance














Project #:
 2019-543

Township/SW Dist:
 Port Royal Island/6

Completed:
 February 2019

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 = 100 feet

Prepared By: BC Stormwater Management Utility

Date Print: 06/13/19

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