



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

**Project Summary:** Rivers End S/D

**Activity:** Routine/Preventive Maintenance

**Duration:** 06/22/2020 - 10/29/2022

**Narrative Description of Project:**

Project improved 444 L.F. of drainage system. Dewatered pond. Installed 104 L.F. roadside pipe. Repaired (3) sinkholes. Constructed (1) catch basin and replaced (1) driveway pipe and (2) driveways. Jetted 340 L.F. of roadside pipe and cleaned out (1) catch basin. Installed sod and rip rap for erosion control.

**2020-052 / Rivers End Subdivision**

	<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	10.50	\$343.77	\$0.00	\$0.00	\$0.00	\$212.21	\$555.98
BKFILL / Back Fill	30.00	\$623.40	\$124.78	\$30.58	\$0.00	\$132.30	\$911.06
CBCO / Catch basin - clean out	8.00	\$261.27	\$153.28	\$18.29	\$0.00	\$164.64	\$597.48
CBINS / Catch basin - installed	79.00	\$2,128.29	\$187.84	\$647.68	\$0.00	\$923.03	\$3,886.84
CLJS / Cleaned up jobsite	32.00	\$905.36	\$69.60	\$29.52	\$0.00	\$436.00	\$1,440.48
CPJ / Channel Pipe - Jetted	10.00	\$220.95	\$191.60	\$23.07	\$0.00	\$82.35	\$517.97
DPI / Driveway pipe installation	32.00	\$905.36	\$69.60	\$117.74	\$0.00	\$471.92	\$1,564.62
DPINP / Driveway Pipe - Inspected	74.00	\$1,544.58	\$296.77	\$71.72	\$0.00	\$566.88	\$2,479.95
DPRPL / Driveway Pipe - Replaced	133.00	\$3,805.40	\$673.67	\$1,693.13	\$0.00	\$1,810.03	\$7,982.22
DWP / Dewatered Pond	22.00	\$480.64	\$152.18	\$58.16	\$0.00	\$132.30	\$823.28
DWR / Dewatered Road	16.00	\$330.24	\$34.32	\$6.04	\$0.00	\$134.40	\$505.00
FFRC / Flowable Fill - Road Cut	40.00	\$1,214.46	\$192.30	\$1,001.84	\$0.00	\$686.16	\$3,094.76
HAND / HANDSEEDDED	8.00	\$260.30	\$17.40	\$62.74	\$0.00	\$168.76	\$509.20
HAUL / Hauling	362.50	\$9,826.21	\$6,147.01	\$7,358.89	\$0.00	\$4,610.79	\$27,942.89
HEQ / Haul equipment	8.00	\$269.83	\$152.48	\$28.16	\$0.00	\$166.56	\$617.03
LM / Loading Materials	20.00	\$437.10	\$0.00	\$0.00	\$0.00	\$398.00	\$835.10
LP / Locate Pipe	62.00	\$1,290.60	\$306.19	\$38.92	\$0.00	\$343.98	\$1,979.69

**Continued on the next page**

**2022-550 / Rivers End Subdivision cont'd**

	<b>Labor Hours</b>	<b>Labor Cost</b>	<b>Equipment Cost</b>	<b>Material Cost</b>	<b>Contractor Cost</b>	<b>Indirect Labor</b>	<b>Total Cost</b>
NONPRO / Non-Professional Services	0.00	\$0.00	\$0.00	\$0.00	\$11,050.00	\$0.00	\$11,050.00
ONJV / Onsite Job Visit	22.00	\$1,024.28	\$93.45	\$56.75	\$0.00	\$487.84	\$1,662.32
PA / Project Assit	16.00	\$455.54	\$152.48	\$29.64	\$0.00	\$309.36	\$947.02
PP / Project Preparation	84.00	\$2,120.55	\$585.61	\$2,438.38	\$0.00	\$907.20	\$6,051.74
PRRECON / Project Reconnaissance	31.00	\$668.98	\$56.30	\$47.44	\$0.00	\$290.32	\$1,063.04
PUS / Picking Up Supplies	24.00	\$656.29	\$34.80	\$71.50	\$0.00	\$437.44	\$1,200.03
RPP / Repair Post	5.00	\$216.90	\$21.75	\$94.09	\$0.00	\$133.90	\$466.64
SD / Soft Digging	142.00	\$3,741.58	\$1,985.72	\$517.98	\$0.00	\$1,947.07	\$8,192.34
SI / Sod - Installation	64.00	\$1,838.84	\$317.51	\$694.35	\$0.00	\$1,179.36	\$4,030.06
SR / Sinkhole repair	56.00	\$1,377.40	\$167.95	\$1,434.63	\$0.00	\$750.72	\$3,730.70
STAGING / Staging Materials/Equipment	12.00	\$269.70	\$26.10	\$31.59	\$0.00	\$0.00	\$327.39
STBY / Stand By	30.00	\$844.15	\$456.24	\$139.00	\$0.00	\$603.84	\$2,043.23
UTLOC / Utility locates	1.00	\$24.70	\$0.00	\$0.00	\$0.00	\$13.23	\$37.93
WSDR / Workshelf - Dressed	60.00	\$1,765.80	\$258.13	\$103.21	\$0.00	\$1,125.92	\$3,253.06
<b>Grand Total</b>	<b>1,494.00</b>	<b>\$39,852.47</b>	<b>\$12,925.06</b>	<b>\$16,845.04</b>	<b>\$11,050.00</b>	<b>\$19,626.49</b>	<b>\$100,299.06</b>

**Before**

**(No Picture Available)**

**During**



**After**





Project: Rivers End  
Map #1

Activity: Routine/  
Preventive  
Maintenance

Project #:  
2020-052

Township/SW Dist:  
Bluffton/4

Completed:  
October 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 40 80 160 240 320  
Feet

**1 inch = 250 feet**

Prepared By: BC Stormwater Management Utility  
Date Print: 12/12/22  
File: C:\project summaries map\Rivers End\_2020-052



Project: Rivers End  
Map #2

Activity: Routine/  
Preventive  
Maintenance














Project #:  
2020-052

Township/SW Dist:  
Bluffton/4

Completed:  
October 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 = 170 feet

Prepared By: BC Stormwater Management Utility  
Date Print: 12/12/22  
File: C:\project summaries map\Rivers End Map 2\_2020-052

Project: Rivers End  
Map #3

Activity: Routine/  
Preventive  
Maintenance

Project #:  
2020-052














Township/SW Dist:  
Bluffton/4

Completed:  
October 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 35 70 140 210 280  
Feet

1 inch = 210 feet

Prepared By: BC Stormwater Management Utility

Date Print: 12/12/22

File: C:\project summaries map\Rivers End Map 3\_2020-052

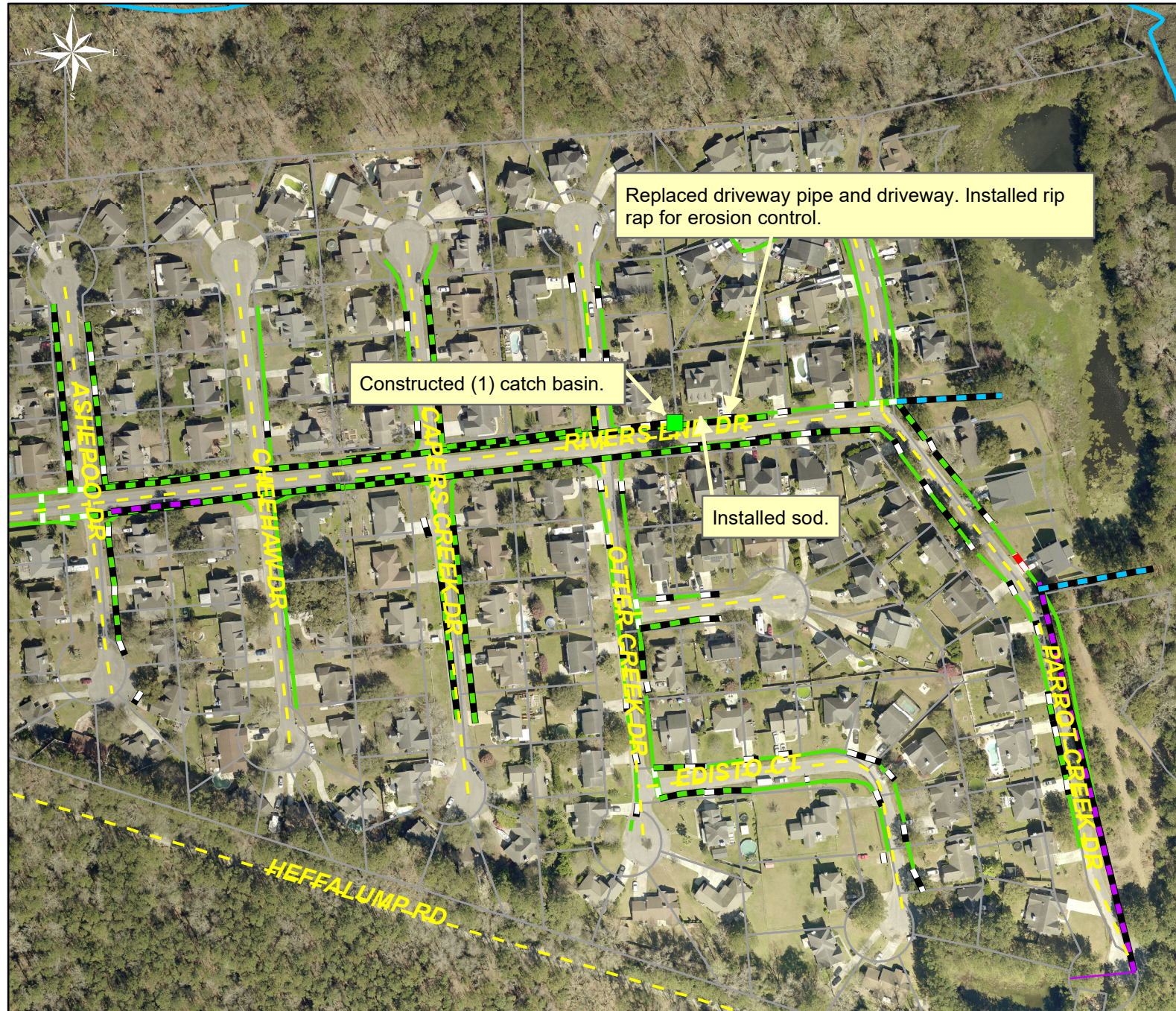
Project: Rivers End  
Map #4

Activity: Routine/  
Preventive  
Maintenance

Project #:  
2020-052

Township/SW Dist:  
Bluffton/4

Completed:  
October 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 35 70 140 210 280  
Feet

1 inch = 210 feet

Prepared By: BC Stormwater Management Utility

Date Print: 12/12/22

File: C:\project summaries map\Rivers End Map 4\_2020-052