



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Warsaw Island Road/Gardner Drive

Activity: Routine/Preventive Maintenance

Narrative Description of Project:

Completion: Jul-13

Project improved 15,877 L.F. of drainage system. Cleaned out 806 L.F. of channel and 15,071 L.F. of roadside ditch. Extended (1) driveway pipe. Installed rip rap for erosion control. Jetted (7) crossline pipes, (3) access pipes and (58) driveway pipes.

2013-634 / Warsaw Island Rd/Gardner Dr	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Indirect Labor	Total Cost
ASBUILT / Asbuilt - Project	15.0	\$339.05	\$20.10	\$0.00	\$0.00	\$226.95	\$586.10
AUDIT / Audit Project	1.5	\$30.69	\$0.00	\$0.00	\$0.00	\$19.85	\$50.54
CLJS / Cleaned up jobsite	15.0	\$338.10	\$20.10	\$0.00	\$0.00	\$225.90	\$584.10
DPJT / Driveway Pipe - Jetted	170.0	\$3,894.85	\$1,976.88	\$495.35	\$0.00	\$2,192.44	\$8,559.51
HAUL / Hauling	473.5	\$10,372.42	\$5,053.09	\$1,317.79	\$0.00	\$6,782.97	\$23,526.27
ODCO / Outfall ditch - cleaned out	30.0	\$676.20	\$162.44	\$0.00	\$0.00	\$451.80	\$1,290.44
ONJV / Onsite Job Visit	47.0	\$1,389.77	\$178.10	\$52.70	\$0.00	\$1,044.27	\$2,664.84
PRRECON / Project Reconnaissance	1.0	\$31.22	\$4.02	\$6.20	\$0.00	\$24.47	\$65.91
RDBH / Roadside ditch - bushhogged	3.0	\$71.85	\$31.69	\$0.00	\$0.00	\$50.04	\$153.58
RSDCL / Roadside Ditch - Cleanout	709.0	\$16,146.08	\$4,705.81	\$16.45	\$0.00	\$10,642.05	\$31,510.39
RSPI / Roadside Pipe - Installed	32.0	\$729.78	\$96.20	\$372.37	\$0.00	\$319.20	\$1,517.55
UTLOC / Utility locates	1.5	\$31.34	\$0.00	\$0.00	\$0.00	\$19.85	\$51.18
WSL / Workshelf - Level	4.0	\$95.80	\$35.71	\$0.00	\$0.00	\$66.72	\$198.23
2013-634 / Warsaw Island Road/Gardner Dr Sub Total	1,502.5	\$34,147.14	\$12,284.14	\$2,260.86	\$0.00	\$22,066.49	\$70,758.64
 Grand Total	 1,502.5	 \$34,147.14	 \$12,284.14	 \$2,260.86	 \$0.00	 \$22,066.49	 \$70,758.64

Before



During



After





Jetted (58)
driveway pipes.

Jetted (1)
access pipe.

Jetted (2)
crossline pipes.

Jetted (2)
crossline pipes.

Jetted (2)
crossline pipes.

Jetted (1)
crossline pipe.

Jetted (2)
access pipes.

**Project: Warsaw
Island Road
Map 1**

**Activity: Vacuum
Truck**

**Project #:
2013-634**

**Township: St.
Helena Island**

**Completed:
June 2013**

Legend

TYPE

- River
- Creek/Stream
- River/Creek/Marsh BANK
- Channel (fka Outfall)
- Channel Pipe
- Lateral
- Lateral Pipe
- Roadside
- Roadside Pipe
- Road Pipe
- Crossline Pipe
- Driveway Pipe
- Access Pipe
- Bleeder Pipe



1 inch = 395 feet



Cleaned out 3,045
LF of roadside ditch.

Cleaned out 806
LF of channel.

Cleaned out 2,406
LF of roadside ditch.

Extended (1) driveway
pipe. Installed rip rap
for erosion control.

Cleaned out 7,294
LF of roadside ditch.

Cleaned out
296 LF of
roadside
ditch.

Cleaned out 2,030
LF of roadside ditch.

**Project: Warsaw
Island Road/
Gardner Drive
Map 2**

**Activity: Routine/
Preventive
Maintenance**

**Project #:
2013-634**

**Township: St.
Helena Island**

**Completed:
July 2013**

Legend

TYPE

- River
- Creek/Stream
- River/Creek/Marsh BANK
- Channel (fka Outfall)
- Channel Pipe
- Lateral
- Lateral Pipe
- Roadside
- Roadside Pipe
- Road Pipe
- Crossline Pipe
- Driveway Pipe
- Access Pipe
- Bleeder Pipe

0 130 260 520 780 1,040
Feet

1 inch = 500 feet