



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: George Williams Lane Channel #1

Activity: Routine/Preventive Maintenance

Narrative Description of Project:

Completion: Oct-14

Project improved 3,235 L.F. of drainage system. Bush hogged and cleaned out 3,215 L.F. of channel. Reconstructed 3,215 L.F. of workshelf. Installed 260 L.F. channel pipe, (1) access pipe, (1) access gate, 20 L.F. of roadside pipe for erosion prevention and rip rap for erosion control. Replaced (1) crossline pipe. Replaced and extended (1) access pipe. Jetted (4) crossline pipes. Hydroseeded for erosion control.

2014-611 / George Williams Lane Channel #1	Labor Hours	Labor Cost	Equipment Cost	Material Cost	Contractor Cost	Overhead Cost	Total Cost
AGI / Access Gate - Installed	30.0	\$675.00	\$195.24	\$212.28	\$0.00	\$301.20	\$1,383.72
APINS / Access pipe - installed	28.0	\$656.72	\$178.13	\$393.27	\$0.00	\$468.51	\$1,696.62
AUDIT / Audit Project	1.0	\$20.46	\$0.00	\$0.00	\$0.00	\$13.23	\$33.69
BKFILL / Back Fill	50.0	\$1,159.60	\$435.28	\$57.98	\$0.00	\$755.10	\$2,407.96
CLPINS / Crossline Pipe - Installed	50.0	\$1,114.78	\$430.24	\$194.43	\$0.00	\$715.35	\$2,454.80
CLPJT / Crossline Pipe - Jetted	38.0	\$840.70	\$217.54	\$85.49	\$0.00	\$484.89	\$1,628.62
DWR / Dewatered Road	12.0	\$267.42	\$51.46	\$30.55	\$0.00	\$169.74	\$519.17
HAUL / Hauling	364.8	\$8,207.30	\$3,909.62	\$15,452.04	\$0.00	\$5,487.86	\$33,056.82
HYDR / Hydroseeding	25.0	\$594.90	\$95.52	\$211.37	\$0.00	\$374.05	\$1,275.84
LM / Loading Materials	33.0	\$751.89	\$235.25	\$62.27	\$0.00	\$502.65	\$1,552.06
LR / Level Road	12.0	\$249.30	\$65.72	\$36.53	\$0.00	\$162.21	\$513.76
ODBH / Channel- bushhogged	31.0	\$698.70	\$180.84	\$295.46	\$0.00	\$492.01	\$1,667.01
ODCO / Channel - cleaned out	152.0	\$3,452.73	\$2,086.46	\$599.82	\$0.00	\$2,292.09	\$8,431.11
OFPI / Channel Pipe - Installation	140.0	\$3,099.83	\$801.32	\$3,865.67	\$0.00	\$1,978.10	\$9,744.91
ONJV / Onsite Job Visit	176.5	\$5,557.86	\$613.59	\$342.81	\$0.00	\$3,664.03	\$10,178.29
PP / Project Preparation	8.0	\$182.44	\$76.52	\$44.07	\$0.00	\$102.90	\$405.93
PRRECON / Project Reconnaissance	16.0	\$356.56	\$14.48	\$27.30	\$0.00	\$226.32	\$624.66
RB / Remove blockage from flowline	47.0	\$1,021.71	\$116.56	\$38.96	\$0.00	\$678.64	\$1,855.87
RRI / Rip Rap - Installed	50.0	\$1,108.12	\$333.52	\$196.45	\$0.00	\$718.17	\$2,356.26
RSPi / Roadside Pipe - Installed	36.5	\$821.31	\$436.32	\$165.51	\$0.00	\$520.86	\$1,944.00
SD / Soft Digging	10.0	\$223.38	\$110.80	\$21.53	\$0.00	\$149.55	\$505.26
STAGING / Staging Materials	83.0	\$1,832.34	\$123.02	\$32.30	\$0.00	\$1,038.99	\$3,026.65
UTLOC / Utility locates	1.0	\$20.46	\$0.00	\$0.00	\$0.00	\$13.23	\$33.69
WSBH / Workshelf - Bush Hogged	12.5	\$264.49	\$249.99	\$72.35	\$0.00	\$113.28	\$700.10
WSDR / Workshelf - Dressed	119.0	\$2,640.71	\$1,374.91	\$453.00	\$0.00	\$1,867.85	\$6,336.47
2014-611 / George Williams Lane Channel #1	1,526.3	\$35,818.71	\$12,332.33	\$22,891.41	\$0.00	\$23,290.81	\$94,333.25
Sub Total							
Grand Total	1,526.3	\$35,818.71	\$12,332.33	\$22,891.41	\$0.00	\$23,290.81	\$94,333.25

Before



During



After



Project: George William Lane Channel #1 Map 1

Activity: Bush Hog

Project #: 2014-611

Township: Sheldon

Completed: October 2014



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 = 373 feet

Prepared By: BC Stormwater Management Utility

Date Print: 11/19/14

File: C:/sethdata/projects/projectmaps/BH/George William Ln 2014-611 Map1

Project: George William Lane Channel #1 Map 2

Activity: Vacuum Truck















Project #: 2014-611

Township: Sheldon

Completed: October 2014

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

Jetted (2) crossline pipes.

Jetted (2) crossline pipes.



1 inch = 199 feet

Project: George William Lane Channel #1 Map 3

Activity: Routine/ Preventive Maintenance















Project #: 2014-611

Township: Sheldon

Completed: October 2014

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 = 346 feet

Prepared By: BC Stormwater Management Utility

Date Print: 11/19/14

File: C:\sethdata\projects\projectmaps\George William Ln 2014-611 Map3

Project: George William Lane Channel #1 Map 4

Activity: Routine/ Preventive Maintenance

Project #: 2014-611

Township: Sheldon

Completed: October 2014

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



Replaced and extended 40 LF of access pipe.

Installed 20 LF of roadside pipe for erosion prevention.

Installed 80 LF of channel pipe.

0 20 40 80 120 160 Feet

1 inch = 81 feet