Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Halifax Drive

Project #: 2010-089

Completed: Dec-09

Before

Narrative Description of Project:

Installed twin access pipes. Replaced (2) access pipes to correct elevation. Installed rip rap and hydroseeded for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost	
18" HDPE Pipe	linear feet	\$11.51	40.0	\$460.40	
18" RCP Pipe	linear feet	\$8.71	24.0	\$209.04	
36" RCP Pipe	linear feet	\$26.41	48.0	\$1,267.68	
Fill Dirt	ton	\$1.00	148.5	\$148.47	
Rip Rap	ton	\$47.08	22.4	\$1,054.59	
#57 Stone	ton	\$34.78	27.3	\$949.49	Duri
Silt Fence	sy	\$0.78	29.2	\$22.74	
Filter Blanket Woven	sy	\$0.63	104.2	\$65.63	
Turf Staples	each	\$0.03	95.0	\$2.85	
10-10-10 Fertilizer	bag	\$11.72	0.5	\$5.86	
Hydromulch	bale	\$12.22	1.0	\$12.22	
Hydrogel	cup	\$2.82	0.5	\$1.41	
Hydromax Liquid Fertilizer	cup	\$2.54	0.5	\$1.27	
Annual Rye Grass Seed	bag	\$19.21	0.5	\$9.61	
Water	gallon	\$0.01	250.0	\$2.50	
4ft Flagger	each	\$0.34	4.0	\$1.36	
Gas	gallon	\$2.40	72.0	\$172.80	
Diesel	gallon	\$2.41	383.0	\$923.03	
Labor	hours		373.5	\$12,596.36	
Total Cost of Materials, R	ental Equi	o., and Labo	or	\$17,907.31	After
Note: Labor cost includes ti Equipment Cost				e benefits.	
ltem	Asset No.	Cost/Hou	Hrs.	Cost	
Volvo 290 Excavator	22870	\$49.56	10.0	\$495.60	
			1.0	000 10	
Bobcat T300	22847	\$20.10 \$21.00	1.0	\$20.10 \$168.00	







Site Photographs

Halifax Drive Project Summary Con't

Project #: 2010-089

Equipment Cost				
Item	Asset No.	Cost/Hou	Hrs.	Cost
JD Loader 444J	23271	\$29.75	18.0	\$535.50
Lowboy	23118	\$34.64	4.0	\$138.56
Hydroseeder	18909	\$7.35	2.5	\$18.38
Dump Trucks		\$16.68	84.0	\$1,401.12
Pickup Trucks		\$4.17	81.5	\$339.86
Total Equipment Cost	\$3,117.11			

Cost/hour excludes fuel cost.

Total Cost:

\$21,024.42

Site Photographs



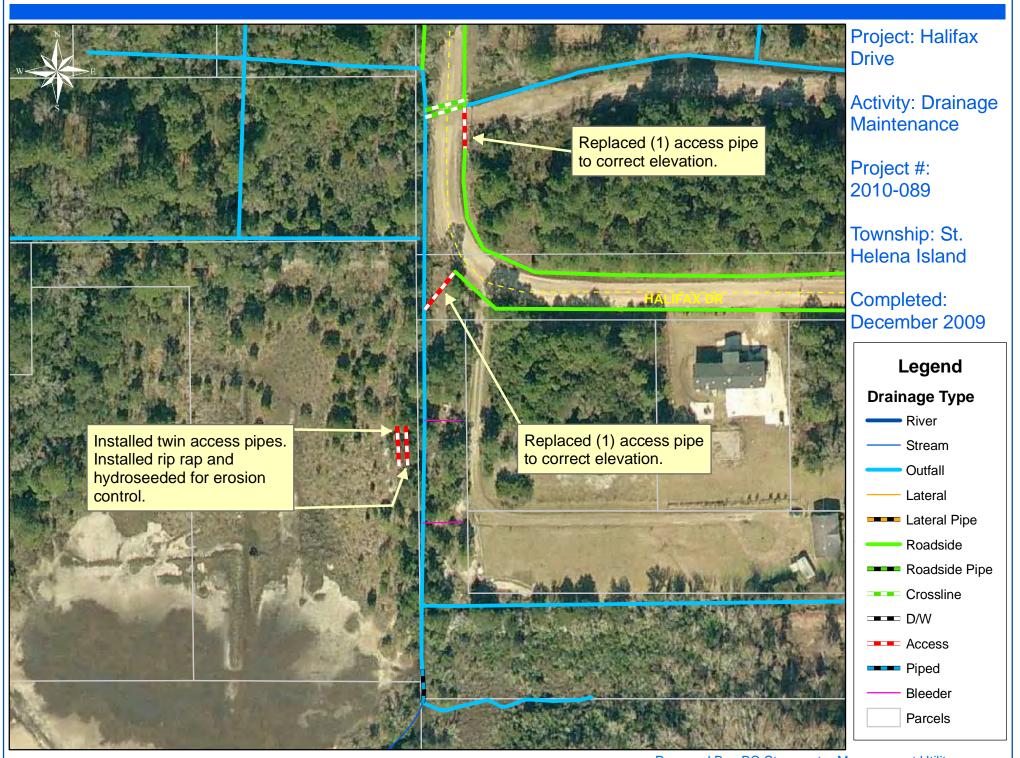




After

Before

During



37.5 75 150 225 300

Feet

1 inch equals 105 feet

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