

Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Coakley Drive

Project #: 2010-023

Completed: Sep-09

Before

Narrative Description of Project:

This project improved 584 L.F. of drainage system. Grubbed, cleared and reconstructed 253 L.F. of outfall ditch. Cleaned 331 L.F. of outfall ditch. Installed (3) access pipes. Installed rip rap and hydroseeded for erosion control.

Material	Cost.	Rental	Equipment	Summary.	and Labor
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Material	Unit	Cost/Unit	Qty	Cost	
15" RCP Pipe	linear feet	\$10.38	24.0	\$249.12	
18" HDPE Pipe	linear feet	\$8.71	80.0	\$696.80	
Fill Dirt	ton	\$1.00	18.7	\$18.65	
Rip Rap	ton	\$47.62	7.5	\$355.01	During
Silt Fence	sy	\$0.78	8.9	\$6.97	
Filter Blanket Woven	sy	\$0.63	83.3	\$52.50	
Turf Staples	each	\$0.06	110.0	\$6.60	
10-10-10 Fertilizer	bag	\$12.83	2.0	\$25.66	
Hydromulch	bale	\$12.22	4.0	\$48.88	
Hydromax Liquid Fertilizer	cup	\$2.54	2.0	\$5.08	
Hyrdrogel	cup	\$2.82	2.0	\$5.64	
Annual Rye Grass Seed	bag	\$26.22	2.0	\$52.44	
Pin Flag	roll	\$0.06	4.0	\$0.24	
4ft Flagger	each	\$0.34	4.0	\$1.36	
Debris Disposal	ton	\$16.00	44.6	\$713.28	
Water	gallon	\$0.01	1,000	\$10.00	
Gas	gallon	\$2.24	100.5	\$225.12	
Diesel	gallon	\$2.20	410.0	\$902.00	After
Labor	hours		537.0	\$17,855.05	
Total Cost of Materials, Re	ental Equip	., and Labo	r	\$21,230.40	
Note: Labor cost includes the employee's salary plus fringe benefits. Equipment Cost					
ltem	Asset	Cost/Hou	Hrs.	Cost	
Komatsu Mini Excavator	23000	\$18.65	51.0	\$951.15	
JCB Urban Excavator	23364	\$40.53	32.0	\$1,296.96	
Bobcat T300	22847	\$20.10	5.0	\$100.50	







Coakley Drive Project Summary Cont

Project #: 2010-023

Equipment Cost										
Item	Asset	Cost/Hou	Hrs.	Cost						
Hydroseeder	18909	\$7.35	3.5	\$25.73						
Dump Trucks		\$16.68	82.0	\$1,367.76						
Pickup Trucks		\$4.17	149.0	\$621.33						
Total Equipment Cost	\$4,363.43									

Cost/hour excludes fuel cost.

Total Cost:

\$25,593.82

Site Photographs



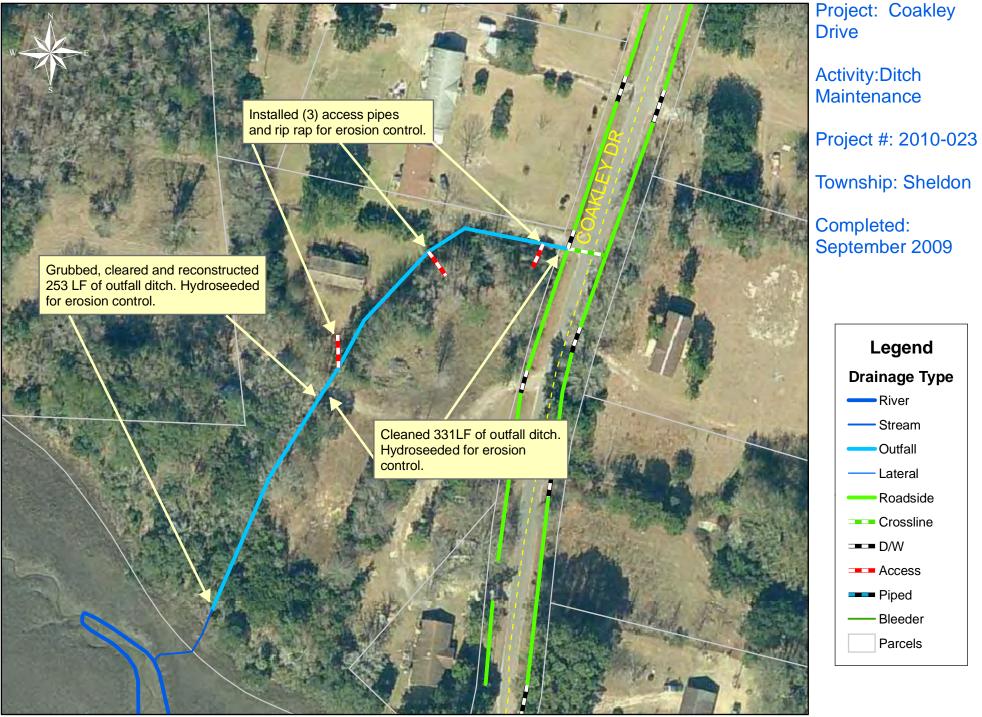


After

Before

During





140 35 70 0

210

280

Feet

1 inch equals 96.16 feet

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