



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Coakley Drive

Project #: 2009-115

Completed: Jul-09

Narrative Description of Project:

Cleaned out 2,699 L.F. of roadside ditch. Replaced (1) driveway pipe. Cleaned out (1) catch basin. Jetted (2) crossline pipes, 76 L.F. of roadside pipe and (14) driveway pipes.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
15" RCP Pipe	linear feet	\$9.79	24.0	\$234.96
Fill Dirt	ton	\$1.00	10.6	\$10.61
Asphalt	ton	\$79.18	1.5	\$118.77
Tack	gallon	\$2.68	2.5	\$6.70
FLBC	ton	\$26.62	3.4	\$89.44
Silt Fence	sy	\$0.78	3.9	\$3.04
10-10-10 Fertilizer	bag	\$12.83	2.0	\$25.66
Hydromulch	bale	\$12.22	4.0	\$48.88
Hydromax	cup	\$2.53	2.0	\$5.06
Hydrogel	cup	\$2.82	2.0	\$5.64
Bermuda Grass Seed	bag	\$125.00	1.0	\$125.00
Pin Flags	each	\$0.06	68.0	\$4.08
Water	gallon	\$0.01	4,000	\$40.00
Diesel	gallon	\$2.15	191.0	\$410.65
Gas	gallon	\$2.19	50.0	\$109.50
Labor	hours		347.5	\$11,900.66
Total Cost of Materials, Rental Equip., and Labor				\$13,138.66

Note: Labor cost includes the employee's salary plus fringe benefits.

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
JCB Backhoe	22810	\$36.50	56.0	\$2,044.00
JD Loader 444J	23271	\$29.75	0.5	\$14.88
Asphalt Roller	20237	\$14.78	1.5	\$22.17
Hydroseeder	18909	\$10.70	4.0	\$42.80
Vacuum Truck	22812	\$20.30	10.0	\$203.00
Dump Trucks		\$16.68	73.0	\$1,217.64
Pickup Trucks		\$4.17	85.0	\$354.45
Total Equipment Cost				\$3,898.94

Cost/hour excludes fuel cost.

Total Cost: \$17,037.59

Site Photographs

Before



During



After



Project: Coakley
Drive Map 1

Activity: Drainage
Maintenance

Project #:
2009-115

Township:
Sheldon

Completed:
July 2009



Legend

Drainage Type

- River
- Stream
- Outfall
- Lateral
- Roadside
- Roadside Pipe
- Crossline
- D/W
- Access
- Piped
- Bleeder
- Parcels

0 80 160 320 480 640
Feet

1 inch equals 229.73 feet

Prepared By: BC Stormwater Management Utility

Date Print: 3/2/10

File: C:\SETHDATA\PROJECTS\PROJECTMAPS\Coakley Dr 2009-115

Project: Coakley
Drive Map 2

Activity: Drainage
Maintenance

Project #:
2009-115

Township:
Sheldon

Completed:
July 2009



Legend

Drainage Type

- River
- Stream
- Outfall
- Lateral
- Roadside
- Roadside Pipe
- Crossline
- D/W
- Access
- Piped
- Bleeder
- Parcels



0 80 160 320 480 640 Feet

1 inch equals 229.73 feet

Prepared By: BC Stormwater Management Utility

Date Print: 7/27/09

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