



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Pine Grove Road

Project #: 2010-547

Completed: Mar-11

Narrative Description of Project:

Project improved 1,670 L.F. of drainage system. Cleaned out 1,670 L.F. of roadside ditch.

Material Cost, Rental Equipment Summary, and Labor

| Material | Unit | Cost/Unit | Qty | Cost |
|--|--------|-----------|-------|-------------------|
| Water | gallon | \$0.01 | 750.0 | \$7.50 |
| Pin Flag | each | \$0.06 | 18.0 | \$1.08 |
| Diesel | gallon | \$3.40 | 82.6 | \$280.84 |
| Gas | gallon | \$3.22 | 4.0 | \$12.88 |
| Labor | hours | | 108.5 | \$2,354.50 |
| Indirect Labor, Services, and Supplies | | | | \$1,628.70 |
| Total Cost of Materials, Rental Equip., and Labor | | | | \$4,285.50 |

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

Equipment Cost

| Item | Asset | Cost/Hour | Hrs. | Cost |
|-----------------------------|-------|-----------|------|-----------------|
| Komatsu Mini Excavator | 23000 | \$14.90 | 11.0 | \$163.90 |
| Vacuum Truck | 22812 | \$22.16 | 1.0 | \$22.16 |
| Dump Trucks | | \$13.31 | 15.5 | \$206.31 |
| Pickup Trucks | | \$4.12 | 23.0 | \$94.76 |
| Total Equipment Cost | | | | \$487.13 |

Cost/hour excludes fuel cost.

Total Cost: \$4,772.63

Site Photographs

Before



After





Project: Pine Grove Road

Activity: Drainage Maintenance

Project #: 2010-547

Township: Port Royal Island

Completed: March 2011

Legend

Drainage Type

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

0 125 250 500 750 1,000 Feet

1 inch = 269 feet

Prepared By: BC Stormwater Management Utility
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