



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Oree Road, Floyd Road and Bull Corner Road

Project #: 2011-543 Completed: Dec-10

Narrative Description of Project:
Project improved 4,310 L.F. of drainage system. Cleaned out 4,290 L.F. of roadside ditch. Installed 20 L.F. of roadside pipe. Upsized (2) crossline pipes. Replaced (1) crossline pipe to correct elevation. Installed rip rap for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
15" HDPE Pipe	linear feet	\$6.22	20.0	\$124.40
15" RCP Pipe	linear feet	\$9.62	96.0	\$923.52
Fill Dirt	ton	\$1.00	5.3	\$5.30
Rip Rap	ton	\$43.87	7.5	\$327.27
FLBC	ton	\$26.55	3.4	\$89.21
Silt Fence	sy	\$0.78	15.6	\$12.14
Filter Blanket	sy	\$0.63	27.8	\$17.50
Turf Staple	each	\$0.03	30.0	\$0.90
Pin Flags	each	\$0.06	40.0	\$2.40
Marking Paint	each	\$4.44	8.0	\$35.52
Diesel	gallon	\$2.69	442.0	\$1,188.98
Gas	gallon	\$2.61	14.0	\$36.54
Labor	hours		651.0	\$14,596.08
Indirect Labor, Services, and Supplies				\$10,284.29
Total Cost of Materials, Rental Equip., and Labor				\$27,644.05

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	53.0	\$789.70
JD Loader 444J	23271	\$29.75	4.0	\$119.00
Bobcat T320	23388	\$21.00	14.5	\$304.50
Dump Trucks		\$13.31	158.5	\$2,109.64
Pickup Trucks		\$4.12	201.0	\$828.12
Total Equipment Cost				\$4,150.96

Cost/hour excludes fuel cost.

Total Cost: \$31,795.00

Site Photographs

Before



During



After





Project: Oree Road
Bull Corner Road
and Floyd Road
Map 1

Activity: Drainage
Maintenance

Project #:
2011-543

Township:
Sheldon

Completed:
December 2010

Legend

Drainage Type

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



1 inch = 172 feet

Prepared By: BC Stormwater Management Utility

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File:C:/sethdata/projects/projectmaps/Oree & Floyd Rd 2011-543 Map 1



Project: Oree Road,
Bull Corner Road and
Floyd Road Map 3

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1 inch = 101 feet