



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: L.H. Nelson Road and Hale Drive

Project #: 2011-585 Completed: Feb-11

Narrative Description of Project:
Project improved 2,651 L.F. of drainage system. Removed blockage from flowline. Cleaned out 2,293 L.F. of outfall ditch and 350 L.F. of roadside ditch. Repaired washout. Cleaned out (1) catch basin. Jetted (1) access pipe, (4) crossline pipes, (2) driveway pipes and 8 L.F. of outfall pipe.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
Fill Dirt	ton	\$1.00	34.5	\$34.47
FLBC	ton	\$26.55	6.7	\$178.42
Recycled Concrete	ton	\$1.00	14.2	\$14.18
Water	gallon	\$0.01	3,000	\$30.00
Pin Flag	each	\$0.06	20.0	\$1.20
Excavator Rental				\$822.57
Diesel	gallon	\$2.81	205.7	\$578.02
Gas	gallon	\$2.95	14.0	\$41.30
Labor	hours		245.0	\$5,354.92
Indirect Labor, Services, and Supplies				\$3,726.24
Total Cost of Materials, Rental Equip., and Labor				\$10,781.30

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	14.0	\$208.60
JD Loader 444J	23271	\$29.75	3.5	\$104.13
JCB Backhoe	22810	\$36.50	1.0	\$36.50
Bobcat T300	22845	\$20.10	3.0	\$60.30
Lowboy	23118	\$34.64	2.0	\$69.28
Vacuum Truck	22812	\$22.16	14.0	\$310.24
Dump Trucks		\$13.31	36.0	\$479.16
Pickup Trucks		\$4.12	57.5	\$236.90
Total Equipment Cost				\$1,505.11

Cost/hour excludes fuel cost.

Total Cost: \$12,286.41

Site Photographs

Before



During



After



Project: L.H. Nelson Drive and Hale Drive Map 1

Activity: Drainage Maintenance

Project #: 2011-585














Township: Port Royal Island

Completed: February 2011



Legend

Drainage Type

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



1 inch = 299 feet

Prepared By: BC Stormwater Management Utility

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File:C:/sethdata/projects/projectmaps/LH Nelson Hale Dr 2011-585

Project: L.H. Nelson Drive and Hale Drive Map 2

Activity: Vacuum Truck

Project #: 2011-585

Township: Port Royal Island

Completed: February 2011



Legend

Drainage Type

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



1 inch = 197 feet