



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Horace Dawson Lane Outfall

Project #: 2011-535 Completed: Aug-10

Narrative Description of Project:
Project improved 4,545 L.F. of drainage system. Bush hogged 1,343 L.F. of outfall ditch and workshelf. Cleaned out 4,545 L.F. outfall ditch. Installed (14) bleeder pipes.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
12" HDPE Pipe	linear feet	\$4.86	280.0	\$1,360.80
Fill Dirt	ton	\$1.00	350.0	\$349.97
Recycled Concrete	ton	\$1.00	28.4	\$28.35
Pin Flags	each	\$0.34	49.0	\$16.66
Excavator Rental				\$1,645.14
Diesel	gallon	\$2.71	460.5	\$1,247.96
Gas	gallon	\$2.48	44.5	\$110.36
Labor	hours		411.5	\$8,985.61
Indirect Labor, Services, and Supplies				\$6,224.54
Total Cost of Materials, Rental Equip., and Labor				\$19,969.39

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

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
CAT Dozer	23125	\$35.50	16.0	\$568.00
JD Loader 444J	23271	\$29.75	8.0	\$238.00
Bobcat T300	22847	\$20.10	11.0	\$221.10
Bush Hog	23361	\$17.83	7.0	\$124.81
Dump Trucks		\$13.31	68.5	\$911.74
Pickup Trucks		\$4.12	121.0	\$498.52
Total Equipment Cost				\$2,562.17

Cost/hour excludes fuel cost.

Total Cost: \$22,531.55

Site Photographs

Before



During



After



Project: Horace Dawson Lane Outfall

Activity: Drainage Maintenance














Project #: 2011-535

Township: Sheldon

Completed: August 2010

Legend

Drainage Type

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

Cleaned out 2,112 LF of outfall ditch.

Bush hogged 1,343 LF of outfall ditch.

Cleaned out 1,232 LF of outfall ditch.

Installed (8) bleeder pipes.

Installed (6) bleeder pipes.

Cleaned out 1,201 LF of outfall ditch.



1 inch = 363 feet

Prepared By: BC Stormwater Management Utility

Date Print: 2/28/11

File: C:/sethdata/projects/projectmaps/Horace Dawson 2011-535