



Beaufort County Public Works

Stormwater Infrastructure

Project Summary

Project Summary: Huspah Court				
Project #: 2011-574		Completed: Nov-10		
Narrative Description of Project: Project improved 2,030 L.F. of drainage system. Cleaned out 1,930 L.F. of outfall ditch and 100 L.F of roadside ditch. Installed (3) bleeder pipes. Jetted (3) crossline pipes and (2) driveway pipes. Handseeded and hydroseeded for erosion control.				
Material Cost, Rental Equipment Summary, and Labor				
Material	Unit	Cost/Unit	Qty	Cost
12" HDPE Pipe	linear feet	\$4.86	20.0	\$97.20
Fill Dirt	ton	\$1.00	84.8	\$84.84
15-0-15 Fertilizer	bag	\$10.59	2.5	\$26.48
Hydrogel	cup	\$2.82	2.5	\$7.05
Hydromulch	bale	\$12.22	5.0	\$61.10
Hydromax Liquid Fertilizer	cup	\$2.54	2.5	\$6.35
Annual Rye Grass Seed	bag	\$19.21	4.0	\$76.84
Water	gallon	\$0.01	3,350	\$33.50
Pin Flag	each	\$0.06	23.0	\$1.38
Diesel	gallon	\$2.63	301.0	\$791.63
Gas	gallon	\$2.50	68.0	\$170.00
Excavator Rental				\$1,057.59
Labor	hours		318.5	\$6,879.49
Indirect Labor, Services, and Supplies				\$4,712.96
Total Cost of Materials, Rental Equip., and Labor				\$14,006.41
Note: Labor cost includes the employee's salary plus fringe benefits.				
Equipment Cost				
Item	Asset	Cost/Hour	Hrs.	Cost
JD Loader 444J	23271	\$29.75	3.0	\$89.25
Bobcat T320	23388	\$21.00	11.0	\$231.00
Lowboy	23214	\$34.64	4.0	\$138.56
Vacuum Truck	22812	\$22.16	7.0	\$155.12
Hydroseeder	23474	\$12.44	3.0	\$37.32
Dump Trucks		\$13.31	51.0	\$678.81
Pickup Trucks		\$4.12	107.0	\$440.84
Total Equipment Cost				\$1,770.90
Cost/hour excludes fuel cost.				
Total Cost:				\$15,777.31

Site Photographs

Before



During



After



Project: Huspah
Court

Activity: Vacuum
Truck















Project #:
2011-574

Township:
Sheldon

Completed:
November 2010

Legend

Drainage Type

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

Jetted (2) driveway
pipes.

Jetted (3) crossline
pipes.

0 90 180 360 540 720
Feet

1 inch = 276 feet

Prepared By: BC Stormwater Management Utility

Date Print: 1/28/11

File: C:/sethdata/projects/projectmaps/Vac/Huspah Ct 2011-574

Project: Huspah Court

Activity: Drainage Maintenance














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Township: Sheldon

Completed: November 2010

Legend

Drainage Type

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

Cleaned out 630 LF of outfall ditch.

Installed (3) bleeder pipes.

Cleaned out 60 LF of outfall ditch.

Cleaned out 1,240 LF of outfall ditch.

Cleaned out 100 LF of roadside ditch.

0 65 130 260 390 520 Feet

1 inch = 207 feet

Prepared By: BC Stormwater Management Utility

Date Print: 1/27/11

File: C:/sethdata/projects/projectmaps/Huspah Ct 2011-574