



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Shell Park Circle

Project #: 2010-127

Completed Mar-10

Narrative Description of Project:

Replaced (1) crossline pipe and repaired sinkhole.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
15" RCP Pipe	linear feet	\$9.62	24.0	\$230.88
Asphalt	ton	\$79.92	4.7	\$377.22
Flowable Fill	cy	\$79.18	8.0	\$633.44
Silt Fence	sy	\$0.78	7.8	\$6.07
Concrete Bricks	each	\$0.36	4.0	\$1.44
Type "S" Cement	bag	\$9.35	2.0	\$18.70
All Purpose Sand	bag	\$3.80	2.0	\$7.60
Asphalt Roller Rental				\$147.38
Diesel	gallon	\$2.57	77.0	\$197.89
Gas	gallon	\$2.59	42.8	\$110.72
Labor	hours		133.5	\$4,607.21
Total Cost of Materials, Rental Equip., and Labor				\$6,338.55

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

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
Komatsu Mini Excavator	23000	\$18.65	2.0	\$37.30
JCB Urban Excavator	23364	\$40.53	1.0	\$40.53
JD Loader 444J	23271	\$29.75	1.0	\$29.75
Bobcat T320	23388	\$21.00	1.0	\$36.50
Dump Trucks		\$16.68	24.5	\$408.66
Pickup Trucks		\$4.17	43.0	\$179.31
Total Equipment Cost				\$732.05

Cost/hour excludes fuel cost.

Total Cost: \$7,070.60

Site Photographs

Before



During



After





Project: Shell
Park Circle

Activity: Drainage
Maintenance

Project #:
2010-127

Township: Port
Royal Island

Completed:
March 2010

Legend

Drainage Type

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

SHELL PARK CIR

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