



# Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Mroz Road Outfall

Project #: 2011-547                      Completed: Feb-11

Narrative Description of Project:  
Project improved 4,140 L.F. of drainage system. Removed debris from various flowlines. Bush hogged 770 L.F. of roadside ditch. Cleaned out 3,370 L.F. of outfall ditch by hand. Jetted (2) crossline pipes. Installed straw mat and handseeded for erosion control.

## Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
Annual Rye Grass Seed	bag	\$24.61	1.0	\$24.61
Straw Mat	roll	\$45.48	1.0	\$45.48
Turf Staple	each	\$0.03	30.0	\$0.90
Water	gallon	\$0.01	3,000	\$30.00
Debris Disposal	ton	\$17.00	5.1	\$87.21
Diesel	gallon	\$2.81	68.7	\$193.05
Gas	gallon	\$2.95	15.0	\$44.25
Labor	hours		145.5	\$3,347.89
Indirect Labor, Services, and Supplies				\$2,393.55
<b>Total Cost of Materials, Rental Equip., and Labor</b>				<b>\$6,166.94</b>

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

## Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
CAT 308D Excavator	23514	\$27.58	4.5	\$124.11
Bush Hog	22822	\$38.64	2.0	\$77.28
Lowboy	23214	\$34.64	1.0	\$34.64
Vacuum Truck	22812	\$22.16	5.0	\$110.80
Dump Trucks		\$13.31	22.0	\$292.82
Pickup Trucks		\$4.12	47.0	\$193.64
<b>Total Equipment Cost</b>				<b>\$833.29</b>

Cost/hour excludes fuel cost.

Total Cost:                      \$7,000.23

## Site Photographs

Before



During



After





Project: Mroz Road  
Outfall Map 1

Activity: Drainage  
Maintenance

Project #:  
2011-547

Township: Port  
Royal Island

Completed:  
February 2011



**Legend**

**Drainage Type**

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

0 300 600 1,200 1,800 2,400  
Feet

1 inch = 729 feet

Prepared By: BC Stormwater Management Utility  
Date Print: 5/22/11

File: C:/sethdata/projects/projectmaps/Mroz Rd 2011-547 Map1



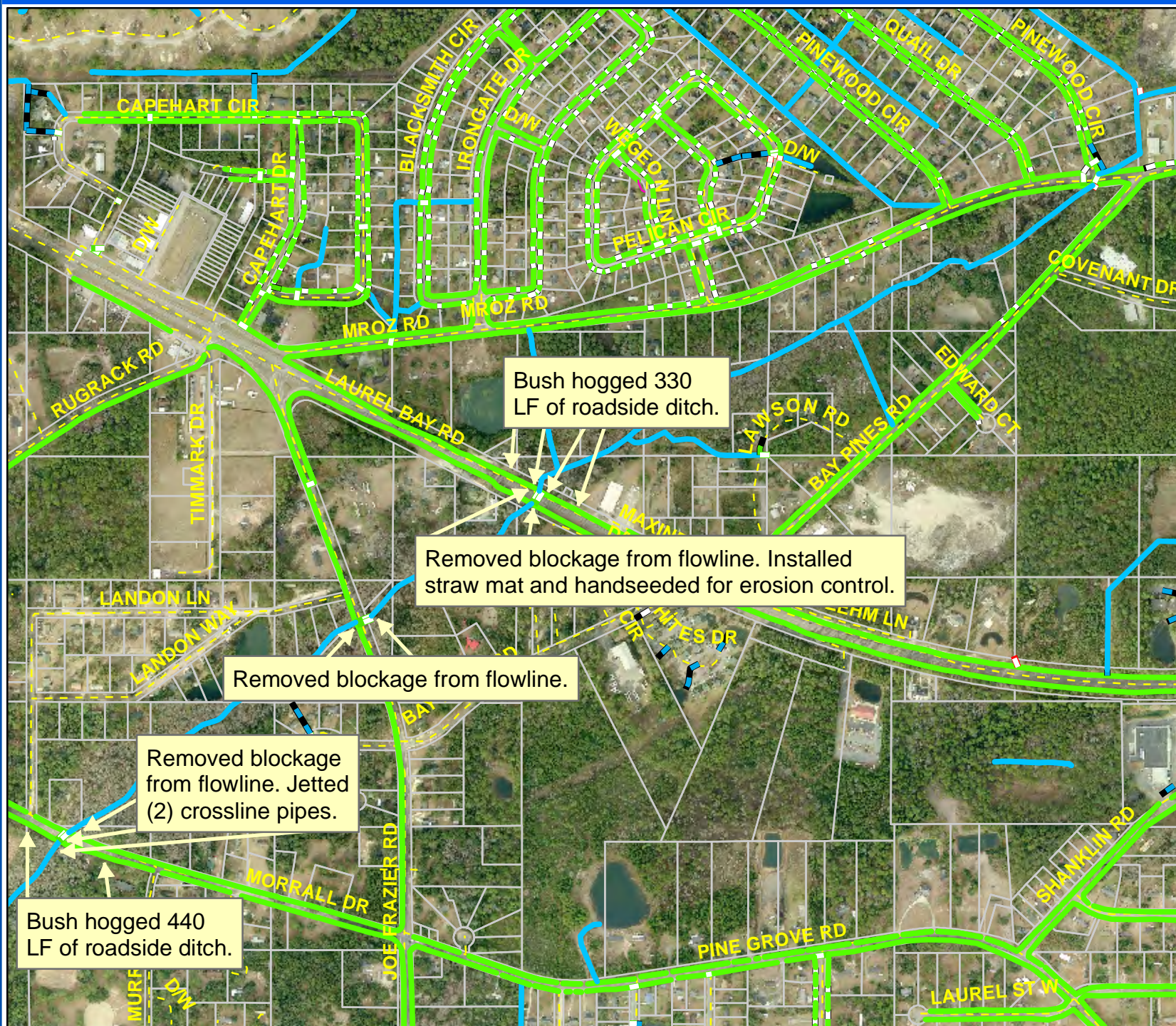
# Project: Mroz Road Outfall Map 2

Activity: Drainage Maintenance

Project #:  
2011-547

Township: Port  
Royal Island

Completed:  
February 2011



## Legend

### Drainage Type

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