



**Beaufort County Public Works**  
**Stormwater Infrastructure**  
*Project Summary*

Project Summary: Dolphin Point Drive

Project #: 2010-061

Completed: Oct-09

**Narrative Description of Project:**

Installed (1) access pipe. Reestablished and stabilized approximately 200 L.F. of outfall ditch bank. Installed rip rap and hydroseeded for erosion control.

**Material Cost, Rental Equipment Summary, and Labor**

Material	Unit	Cost/Unit	Qty	Cost
18" HDPE Pipe	linear feet	\$8.71	40.0	\$348.40
Fill Dirt	ton	\$1.00	95.5	\$95.45
Rip Rap	ton	\$47.08	82.0	\$3,861.03
Silt Fence	sy	\$0.78	1.9	\$1.48
Silt Fence w/Stakes	sy	\$0.49	116.7	\$57.18
Filter Blanket	sy	\$0.63	565.3	\$356.13
Turf Staples	each	\$0.03	310.0	\$9.30
10-10-10 Fertilizer	bag	\$12.83	1.5	\$19.25
Hydromulch	bale	\$12.22	3.0	\$36.66
Hydrogel	cup	\$2.82	1.5	\$4.23
Hydromax Liquid Fertilizer	cup	\$2.53	1.5	\$3.80
Annual Rye Grass Seed	bag	\$19.21	1.5	\$28.82
Orange Fencing	roll	\$29.96	1.0	\$29.96
Water	gallon	\$0.01	750.0	\$7.50
Diesel	gallon	\$2.37	262.0	\$620.94
Gas	gallon	\$2.33	75.0	\$174.75
Labor	hours		453.0	\$15,164.84

**Total Cost of Materials, Rental Equip., and Labor** \$20,819.71

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

**Equipment Cost**

Item	Asset No.	Cost/Hou	Hrs.	Cost
Volvo 290 Excavator	22870	\$49.56	8.0	\$396.48
JCB Urban Excavator	23364	\$40.53	6.0	\$243.18
Bobcat T320	23388	\$21.00	8.0	\$168.00
JD Loader 444J	23271	\$29.75	11.0	\$327.25
08 Lowboy	23118	\$34.64	4.0	\$138.56

**Site Photographs**

Before



During



After



**Dolphin Point Drive Project Summary Con't**

Project #: 2010-061

**Equipment Cost**

Item	Asset No.	Cost/Hou	Hrs.	Cost
Hydroseeder	18909	\$7.35	2.0	\$14.70
Dump Trucks		\$16.68	54.0	\$900.72
Pickup Trucks		\$4.17	119.0	\$496.23
<b>Total Equipment Cost</b>				<b>\$2,685.12</b>

Cost/hour excludes fuel cost.

Total Cost: \$23,504.83

**Site Photographs**

Before



After



Project: Dolphin Point Drive

Activity: Drainage Maintenance












Project #: 2010-061

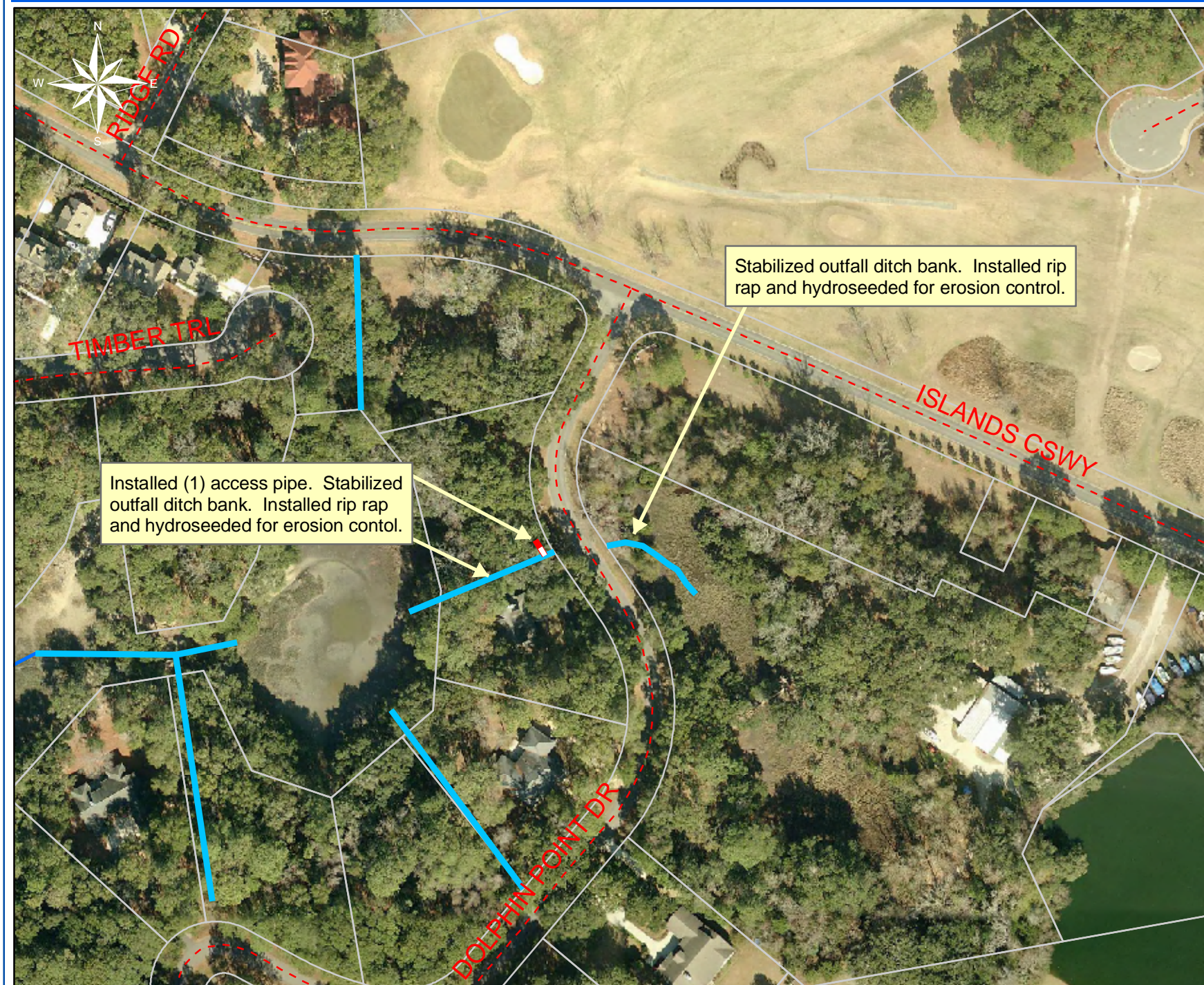
Township: Lady's Island

Completed: October 2009

### Legend

#### Drainage Type

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



0 60 120 240 360 480 Feet

1 inch equals 141.65 feet

Prepared By: BC Stormwater Management Utility  
Date Print: 5/5/10  
File: C:\sethdata\project\projectmap\Dolphin Pt Dr 2010-061