



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

Project Summary: Westbury Park Outfall

Project #: 2008-179                      Completed: Jun-10

Narrative Description of Project:  
 Project improved 830 L.F. of drainage system. Shinn cut and cleaned out 830 L.F. of outfall ditch and workshelf. Grubbed 300 L.F. of outfall ditch. Installed (2) access gates and restored vegetation. Installed rip rap and hydroseeded for erosion control.

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

| Material   | Unit   | Cost/Unit | Qty   | Cost               |
|--|--------|-----------|-------|--------------------|
| Rip Rap  | ton    | \$47.08   | 3.7   | \$175.49           |
| Filter Blanket Woven                                     | sy     | \$0.63    | 41.7  | \$26.25            |
| Turf Staples   | each   | \$0.03    | 40.0  | \$1.20             |
| Quikrete Concrete Mix                                    | each   | \$3.19    | 5.0   | \$15.95            |
| 10-10-10 Fertilizer                                      | bag    | \$11.72   | 2.0   | \$23.44            |
| Hydromulch   | bale   | \$12.22   | 4.0   | \$48.88            |
| Hydromax Liquid Fertilizer                               | cup    | \$2.54    | 2.0   | \$5.08             |
| Hydrogel   | cup    | \$2.82    | 2.0   | \$5.64             |
| Brown Top Millet Grass Seed                              | bag    | \$21.40   | 2.0   | \$42.80            |
| Sediment Log   | each   | \$29.96   | 1.0   | \$29.96            |
| 16x16 Gate   | each   | \$235.35  | 2.0   | \$470.70           |
| 4x4 Post   | each   | \$6.27    | 5.0   | \$31.35            |
| Gate Accessories   |        |           |       | \$14.06            |
| Pin Flag   | each   | \$0.06    | 17.0  | \$1.02             |
| Mitigation Services                                      |        |           |       | \$5,403.50         |
| Water  | gallon | \$1.00    | 1,000 | \$1,000.00         |
| Gas  | gallon | \$2.39    | 29.5  | \$70.51            |
| Diesel   | gallon | \$2.35    | 449.0 | \$1,055.15         |
| Labor  | hours  |           | 312.0 | \$10,962.61        |
| <b>Total Cost of Materials, Rental Equip., and Labor</b> |        |           |       | <b>\$19,383.59</b> |

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

**Equipment Cost**

| Item              | Asset | Cost/Hou | Hrs. | Cost     |
|-------------------|-------|----------|------|----------|
| Shinn Cutter      | 22943 | \$31.34  | 15.0 | \$470.10 |
| CAT 325 Excavator | 16649 | \$22.51  | 10.5 | \$236.36 |
| CAT Dozer         | 23125 | \$35.50  | 14.0 | \$497.00 |

**Site Photographs**

Before



During



After



**Westbury Park Outfall Phase I Project Summary Cont**

Project #: 2008-179

**Equipment Cost**

| Item                        | Asset | Cost/Hou | Hrs.  | Cost              |
|-----------------------------|-------|----------|-------|-------------------|
| JCB Backhoe                 | 22810 | \$36.50  | 1.0   | \$36.50           |
| Bobcat T300                 | 22847 | \$17.40  | 11.0  | \$191.40          |
| Hydroseeder                 | 18909 | \$7.35   | 2.0   | \$14.70           |
| Lowboy                      | 23118 | \$34.64  | 5.0   | \$173.20          |
| Dump Trucks                 |       | \$16.68  | 48.0  | \$800.64          |
| Pickup Trucks               |       | \$4.17   | 112.0 | \$467.04          |
| <b>Total Equipment Cost</b> |       |          |       | <b>\$2,886.94</b> |

Cost/hour excludes fuel cost.

Total Cost: \$22,270.52

**Site Photographs**

Before



During



After



Project: Westbury Park Outfall

Activity: Drainage Maintenance

Project #: 2008-179

Township: Bluffton

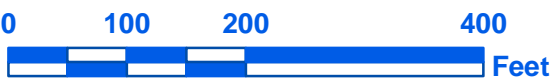
Completed: June 2010



**Legend**

**Drainage Type**

- Rivers
- Streams
- Outfall Ditch
- Lateral
- Roadside
- Roadside Pipe
- Crossline
- Driveway
- Access Pipe
- Piped Ditch
- Bleeder Ditch
- Parcels



1 inch equals 161 feet