



Beaufort County Public Works

Stormwater Infrastructure

Project Summary

Project Summary: Dawson /Haynes Outfall

Narrative Description of Project:

Completion: May-11

Project improved 4,770 L.F. of drainage system. Shinn cut 1,578 L.F. of workshel. Grubbed, cleared, and constructed 4,684 L.F. of workshel.

Reconstructed 4,684 L.F. of outfall ditch. Installed (9) bleeder pipes, (11) access pipes, (2) crossline pipes, 86 L.F. of outfall pipe, (2) access gates and rip rap for erosion control. Hydroseeded for erosion control.

| 2011-006 / Dawson /Haynes Outfall 2011-006 | Labor Hours | Labor Cost | Equipment Cost | Material Cost | Contractor Cost | Indirect Labor | Total Cost |
|---|----------------|--------------------|--------------------|--------------------|-----------------|--------------------|--------------------|
| AGI / Access Gate - Installed | 8.0 | \$163.84 | \$16.48 | \$358.17 | \$0.00 | \$0.00 | \$538.49 |
| APINS / Access pipe - installed | 119.0 | \$2,758.91 | \$1,165.08 | \$2,175.59 | \$0.00 | \$0.00 | \$6,099.58 |
| AUDIT / Audit Project | 3.5 | \$71.68 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$71.68 |
| BKFILL / Back Fill | 22.0 | \$450.56 | \$233.92 | \$96.32 | \$0.00 | \$0.00 | \$780.80 |
| CLPINS / Crossline Pipe - Installed | 105.0 | \$2,475.95 | \$1,073.93 | \$2,862.60 | \$0.00 | \$0.00 | \$6,412.48 |
| COMP / Compile Project | 3.5 | \$71.68 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$71.68 |
| DLO / Ditch Layout | 22.0 | \$527.42 | \$37.08 | \$29.84 | \$0.00 | \$0.00 | \$594.34 |
| ERCON / Erosion control | 94.0 | \$2,133.20 | \$687.17 | \$405.33 | \$0.00 | \$0.00 | \$3,225.70 |
| HAUL / Hauling | 244.5 | \$5,173.74 | \$3,254.30 | \$7,044.63 | \$0.00 | \$0.00 | \$15,472.67 |
| HYDR / Hydreseeding | 77.0 | \$1,771.35 | \$451.72 | \$1,653.82 | \$0.00 | \$0.00 | \$3,876.89 |
| LM / Loading Materials | 13.0 | \$278.46 | \$386.75 | \$89.00 | \$0.00 | \$0.00 | \$754.21 |
| LR / Level Road | 2.0 | \$40.96 | \$24.22 | \$13.96 | \$0.00 | \$0.00 | \$79.14 |
| ODCO / Outfall ditch - cleaned out | 136.0 | \$3,313.05 | \$1,582.13 | \$407.02 | \$0.00 | \$0.00 | \$5,302.20 |
| ODGRB / Outfall ditch - grubbed | 46.0 | \$1,038.69 | \$254.62 | \$103.48 | \$0.00 | \$0.00 | \$1,396.79 |
| ODREC / Outfall ditch - reconstructed | 32.0 | \$751.30 | \$570.35 | \$425.69 | \$0.00 | \$0.00 | \$1,747.34 |
| ODSHN / Outfall ditch - Shinn cut | 154.0 | \$3,690.32 | \$2,538.54 | \$1,487.48 | \$0.00 | \$0.00 | \$7,716.33 |
| OFPI / Outfall Pipe - Installation | 45.0 | \$1,025.21 | \$316.38 | \$1,470.25 | \$0.00 | \$0.00 | \$2,811.84 |
| PL / Project Layout | 22.0 | \$475.78 | \$45.32 | \$25.83 | \$0.00 | \$0.00 | \$546.93 |
| PRRECON / Project Reconnaissance | 8.0 | \$232.65 | \$20.60 | \$30.12 | \$0.00 | \$0.00 | \$283.37 |
| SC / Sediment Control | 7.0 | \$143.36 | \$133.84 | \$38.74 | \$0.00 | \$0.00 | \$315.94 |
| TR / Trash Removal | 43.0 | \$954.24 | \$210.81 | \$95.82 | \$0.00 | \$0.00 | \$1,260.87 |
| UTLOC / Utility locates | 3.0 | \$61.44 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$61.44 |
| WSREC / Workshel - Reconstructed | 69.0 | \$1,621.40 | \$1,120.75 | \$366.24 | \$0.00 | \$0.00 | \$3,108.39 |
| Indirect Labor, Services and Supplies | 0.0 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$23,763.18 | \$23,763.18 |
| 2011-006 / Dawson /Haynes Outfall 2011-006 | 1,486.0 | \$34,129.21 | \$16,834.55 | \$22,631.38 | \$0.00 | \$23,763.18 | \$97,358.31 |
| Grand Total | 1,486.0 | \$34,129.21 | \$16,834.55 | \$22,631.38 | \$0.00 | \$23,763.18 | \$97,358.31 |

Before



During



After



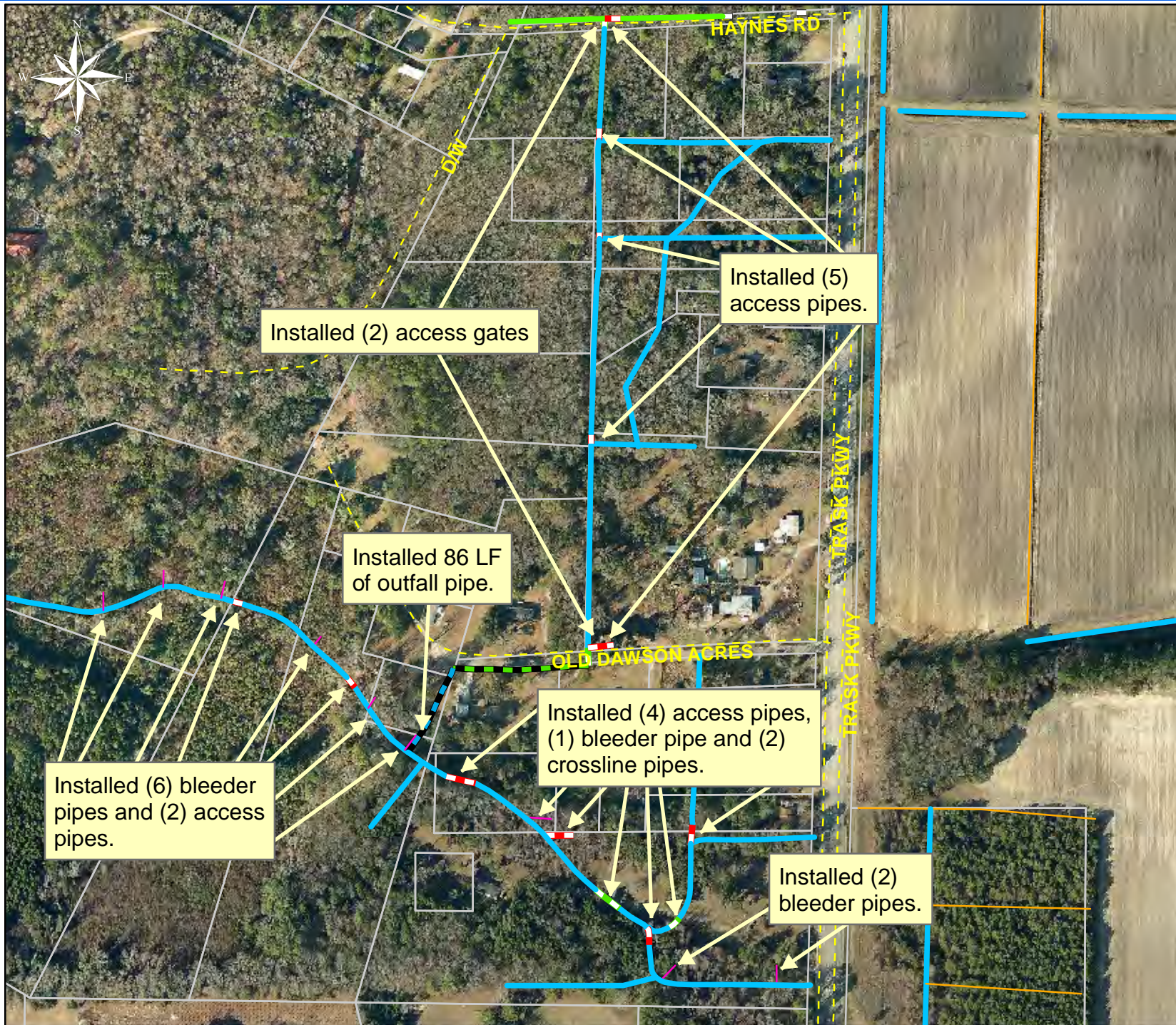
Project: Dawson - Haynes Outfall
Map 1

Activity: Drainage Maintenance

Project #:
2011-006















Township: St.
Helena Island

Completed:
May 2011



Legend

Drainage Type

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

0 100 200 400 600 800
Feet

1 inch = 350 feet

Prepared By: BC Stormwater Management Utility

Date Print: 11/30/11

File: C:/sethdata/projects/projectmaps/Dawson-Haynes 11-006 Map 1

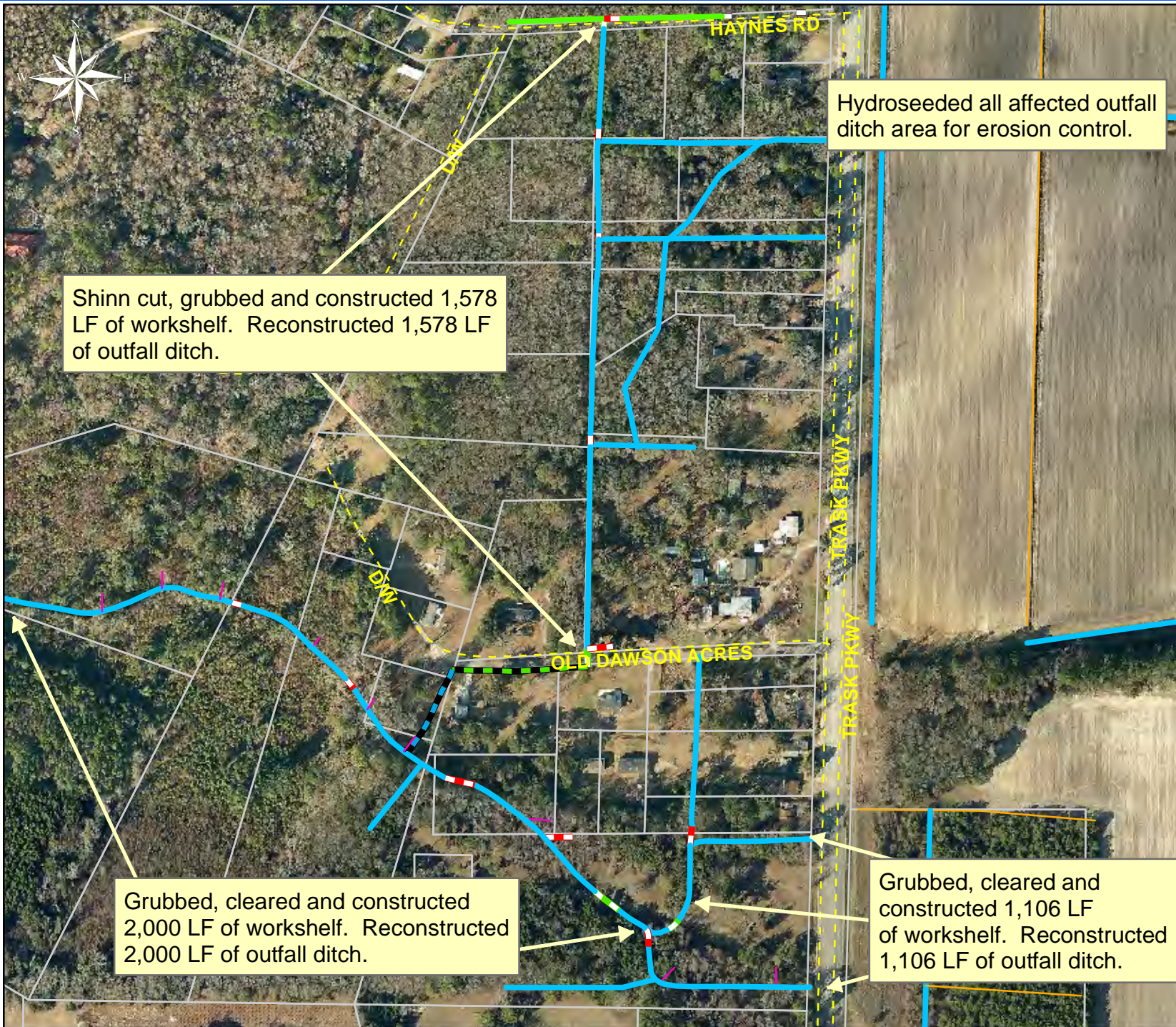
Project: Dawson - Haynes Outfall Map 2

Activity: Drainage Maintenance

Project #: 2011-006

Township: St. Helena Island

Completed: May 2011



Hydroseeded all affected outfall ditch area for erosion control.

Shinn cut, grubbed and constructed 1,578 LF of workshelf. Reconstructed 1,578 LF of outfall ditch.

Grubbed, cleared and constructed 2,000 LF of workshelf. Reconstructed 2,000 LF of outfall ditch.

Grubbed, cleared and constructed 1,106 LF of workshelf. Reconstructed 1,106 LF of outfall ditch.

Legend

Drainage Type

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



1 inch = 350 feet