



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Washington Farm Road
 Project #: 2009-123 Completed: Sep-09
 Narrative Description of Project:
 Project improved 2,300 L.F. of outfall ditch. Grubbed and cleared 418 L.F. of outfall ditch. Cleaned out and reconstructed 1,625 L.F. of outfall ditch. Constructed 675 L.F. of outfall ditch. Installed (2) access pipes. Handseeded for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
15" RCP Pipe	linear feet	\$9.79	24.0	\$234.96
18" HDPE Pipe	linear feet	\$8.71	40.0	\$348.40
Fill Dirt	ton	\$1.00	143.2	\$143.17
Silt Fence	sy	\$0.73	5.8	\$4.26
10-10-10 Fertilizer	bag	\$12.83	2.0	\$25.66
Brown Top Millet Grass Seed	bag	\$25.20	4.0	\$100.80
Pin Flag	each	\$0.06	12.0	\$0.72
4ft Flagger	each	\$0.34	6.0	\$2.04
10ft Gate	each	\$147.33	1.0	\$147.33
Excavator Rental				\$435.14
Diesel	gallon	\$2.20	336.0	\$737.52
Gas	gallon	\$2.24	119.5	\$267.20
Labor	hours		539.5	\$18,678.37
Total Cost of Materials, Rental Equip., and Labor				\$21,125.57

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

Equipment Cost

Item	Asset No.	Cost/Hour	Hrs.	Cost
JCB Urban Excavator	23364	\$40.53	33.0	\$1,337.49
CAT Dozer	23125	\$35.50	4.0	\$142.00
JD Loader 444J	23271	\$29.75	4.0	\$119.00
JCB Backhoe	22810	\$36.50	4.0	\$146.00
Bobcat T200	22782	\$17.40	1.0	\$17.40
Bobcat T300	22847	\$20.10	4.0	\$80.40
Dump Trucks		\$16.68	49.0	\$817.32
Pickup Trucks		\$4.17	162.0	\$675.54
Total Equipment Cost				\$3,335.15

Cost/hour excludes fuel cost.
 Total cost: \$24,460.72

Site Photographs

Before



During



After



Project: Washington Farm Road

Activity: Drainage Maintenance













Project #: 2009-123

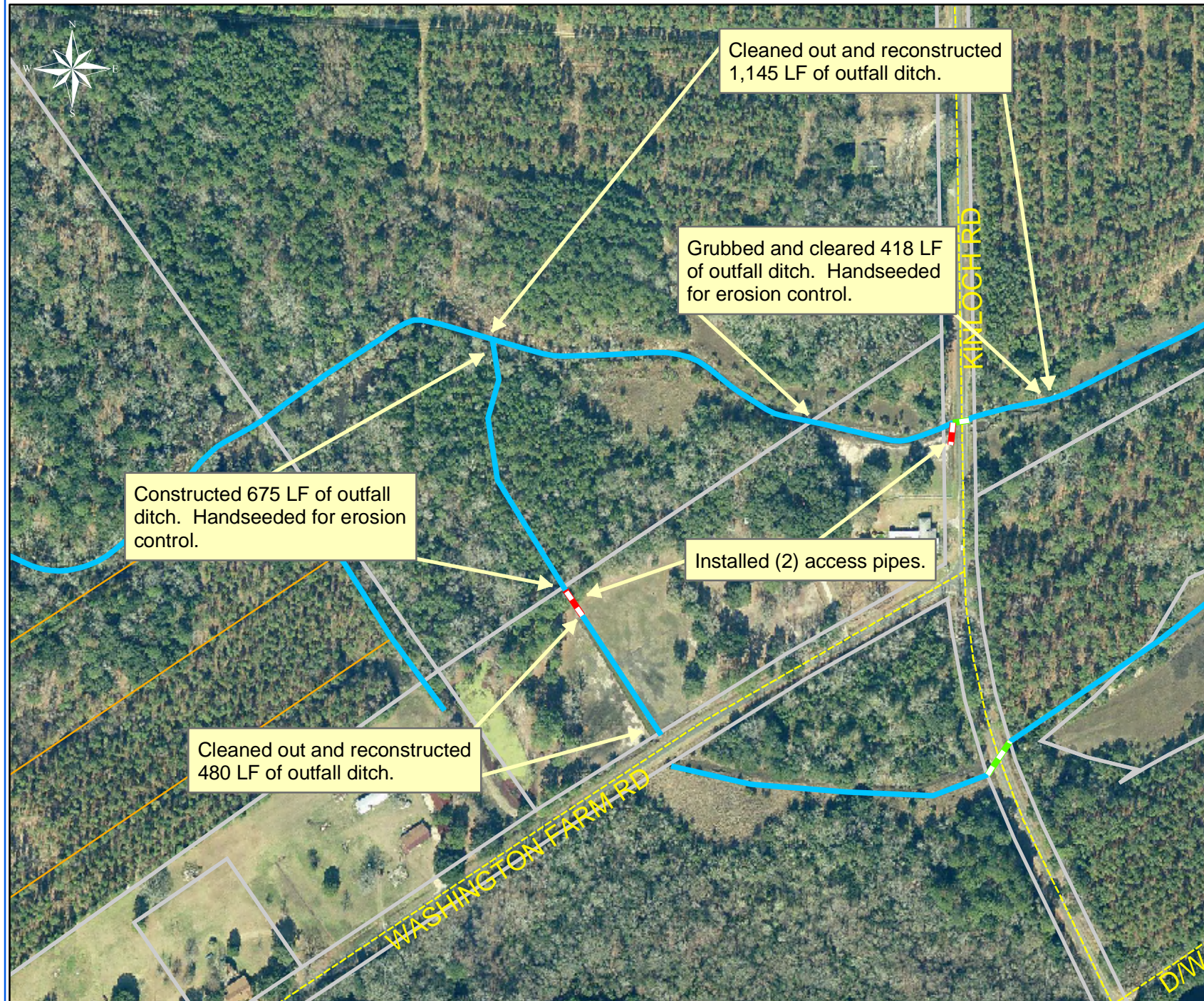
Township: Sheldon

Completed: September 2009

Legend

Drainage Type

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



1 inch equals 287 feet