



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

Project Summary: Keans Neck Road Outfall

Project #: 2011-524 Completed: Sep-10

Narrative Description of Project:
Project improved 3,868 L.F. of drainage system. Cleaned out 3,868 L.F. of outfall ditch. Installed (1) access pipe and (2) bleeder pipes.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
12" HDPE Pipe	linear feet	\$4.86	40.0	\$194.40
18" HDPE Pipe	linear feet	\$8.71	20.0	\$174.20
Fill Dirt	ton	\$1.00	5.3	\$5.30
Silt Fence	sy	\$0.78	5.1	\$3.94
Pin Flag	each	\$0.06	25.0	\$1.50
Excavator Rental				\$940.08
Diesel	gallon	\$2.70	105.5	\$284.85
Gas	gallon	\$2.40	27.0	\$64.80
Labor	hours		211.0	\$4,691.31
Indirect Labor, Services, and Supplies				\$3,276.38
Total Cost of Materials, Rental Equip., and Labor				\$9,636.76

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

Equipment Cost

Item	Asset	Cost/Hour	Hrs.	Cost
Komatsu Mini Excavator	23000	\$14.90	6.5	\$96.85
JD Loader 444J	23271	\$29.75	1.0	\$29.75
Lowboy	23118	\$34.64	4.5	\$155.88
Dump Trucks		\$13.31	3.5	\$46.59
Pickup Trucks		\$4.12	65.5	\$269.86
Total Equipment Cost				\$598.93

Cost/hour excludes fuel cost.

Total Cost: \$10,235.68

Site Photographs

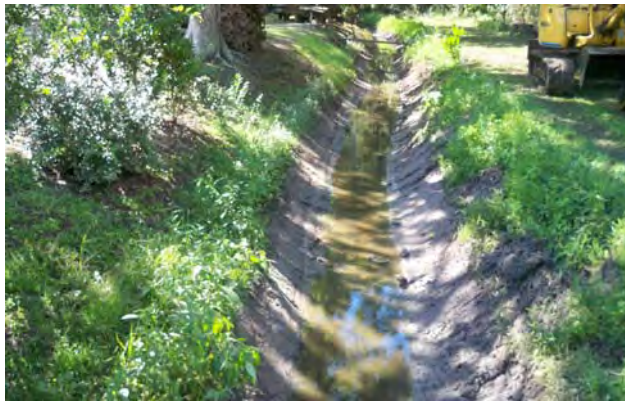
Before



During



After



Project: Keans Neck Road Outfall

Activity: Drainage Maintenance














Project #: 2011-524

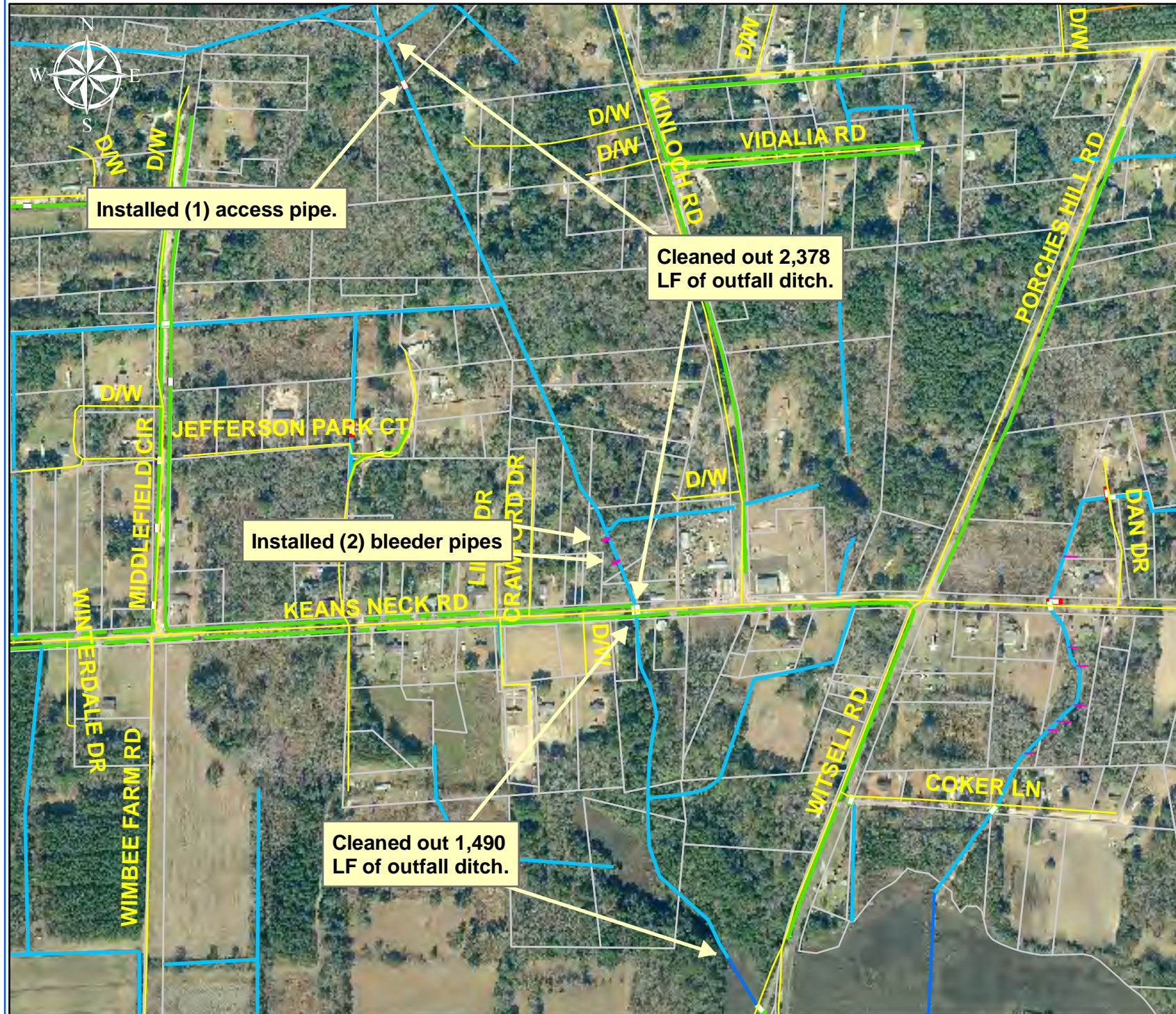
Township: Sheldon

Completed: September 2010

Legend

Drainage Type

-  River
-  Stream
-  Outfall
-  Lateral
-  Lateral Pipe
-  Roadside
-  Roadside Pipe
-  Road Pipe
-  Crossline
-  DW
-  Access
-  Piped
-  Bleeder



1 inch = 519 feet