



Beaufort County Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Coker Road Outfall

Project #: 2010-090 Completed: Apr-10

Narrative Description of Project:
 Project improved 2,436 L.F. of drainage system. Cleaned out 2,436 L.F. of outfall ditch. Installed (1) bleeder pipe and replaced (6) bleeder pipes. Jetted (1) access pipe and (4) crossline pipes. Hydroseeded for erosion control.

Material Cost, Rental Equipment Summary, and Labor

Material	Unit	Cost/Unit	Qty	Cost
12" HDPE Pipe	linear feet	\$4.86	140.0	\$680.40
Fill Dirt	ton	\$1.00	175.0	\$174.98
Silt Fence	sy	\$0.78	1.9	\$1.51
Silt Fence w/ Stakes	sy	\$0.49	3.1	\$1.52
10-10-10 Fertilizer	bag	\$11.72	1.0	\$11.72
Hydromulch	bale	\$12.22	2.0	\$24.44
Hydromax	cup	\$2.54	1.0	\$2.54
Annual Rye Grass Seed	bag	\$19.21	1.0	\$19.21
Pin Flag	each	\$0.06	26.0	\$1.56
Water	gallon	\$0.01	2,650	\$26.50
Gas	gallon	\$2.59	41.0	\$106.19
Diesel	gallon	\$2.57	372.0	\$956.04
Labor	hours		409.0	\$13,781.80
Total Cost of Materials, Rental Equip., and Labor				\$15,788.42

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

Equipment Cost

Item	Asset No.	Cost/Hou	Hrs.	Cost
Komatsu Mini Excavator	23000	\$18.65	33.0	\$615.45
CAT Dozer	23125	\$35.50	2.0	\$71.00
JD Loader 444J	23271	\$29.75	3.0	\$89.25
Bobcat T300	22847	\$20.10	8.0	\$160.80
Bobcat T320	23388	\$21.00	9.0	\$189.00
Vacuum Truck	22812	\$20.30	6.5	\$131.95
Hydroseeder	18909	\$7.35	2.0	\$14.70

Site Photographs

Before



During



After



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Equipment Cost

Item	Asset No.	Cost/Hou	Hrs.	Cost
Dump Trucks		\$16.68	74.0	\$1,234.32
Pickup Trucks		\$4.17	126.5	\$527.51
Total Equipment Cost				\$3,033.98

Cost/hour excludes fuel cost.

Total Cost: \$18,822.39

Site Photographs

Before



During



After



Project: Coker Lane Outfall

Activity: Drainage Maintenance














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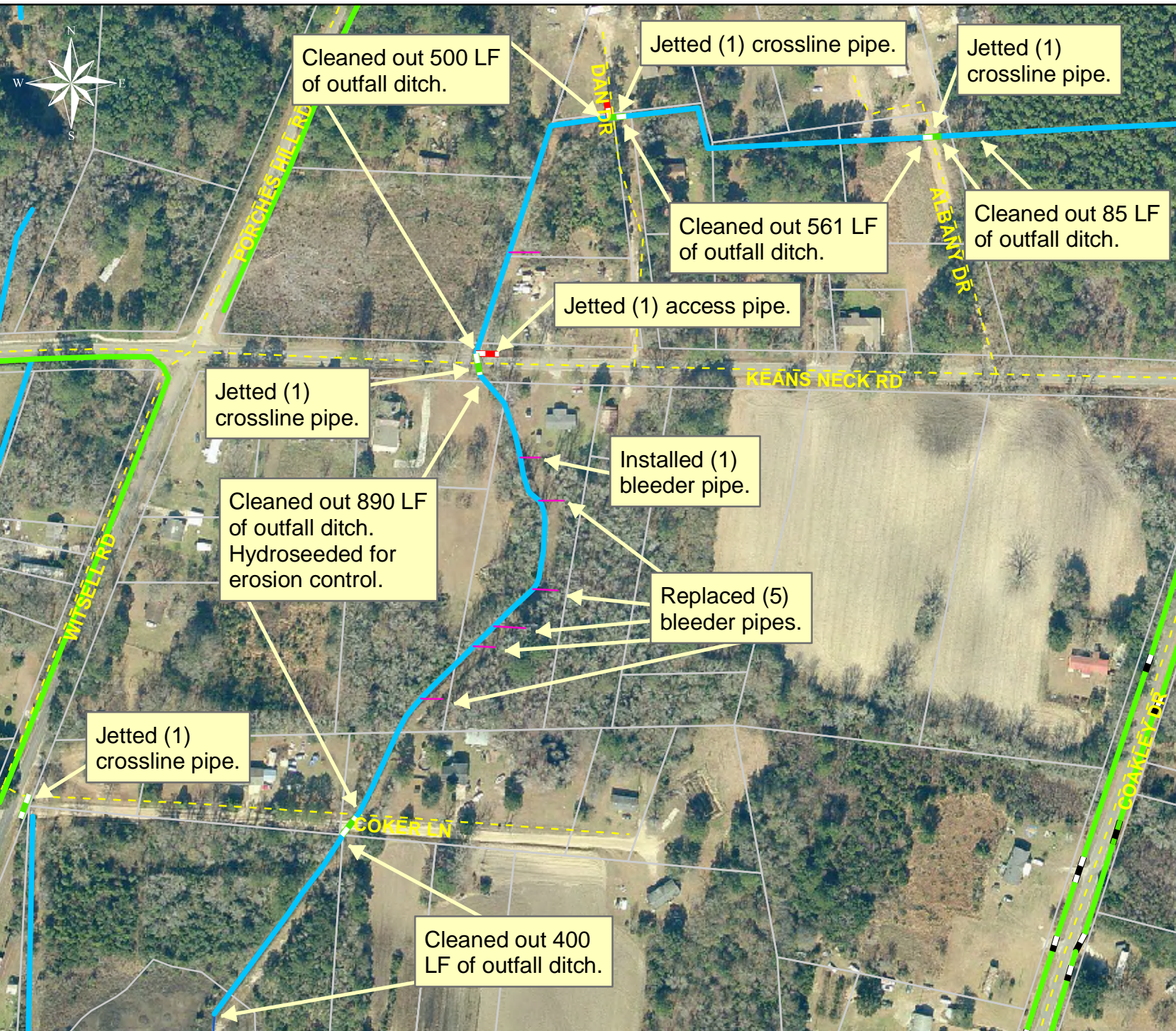
Township: Sheldon

Completed: April 2010

Legend

Drainage Type

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



1 inch equals 233 feet

Prepared By: BC Stormwater Management Utility

Date Print: 10/7/10

File: C:/sethdata/projects/projectmaps/Coker Ln Outfall 2010-090