



## Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Kinlaw Lane

Project #: 2010-152                      Completed: Apr-10

Narrative Description of Project:  
This project took place on private property and was expedited with the approval of the County Administrator. This project improved 1,700 L.F. of drainage system. Grubbed and cleared 1,500 L.F. of roadside ditch. Cleaned out 1,700 L.F. of roadside ditch.

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

Material	Unit	Cost/Unit	Qty	Cost
Fill Dirt	ton	\$1.00	53.0	\$53.01
#4 Rock	ton	\$36.38	170.6	\$6,207.52
#57 Stone	ton	\$36.09	34.1	\$1,231.57
Recycled Concrete	ton	\$1.00	42.5	\$42.53
Debris Disposal	ton	\$16.00	29.3	\$468.96
Diesel	gallon	\$2.70	591.0	\$1,595.70
Gas	gallon	\$2.67	63.0	\$168.21
Labor	hours		463.0	\$16,333.45

**Total Cost of Materials, Rental Equip., and Labor**                      \$26,100.95

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

**Equipment Cost**

Item	Asset	Cost/Hour	Hrs.	Cost
Volvo 290 Excavator	22870	\$49.56	9.0	\$446.04
Volvo 330 Excavator	22993	\$65.72	3.0	\$197.16
Komatsu Mini Excavator	23000	\$18.65	1.5	\$27.98
JCB Urban Excavator	23364	\$40.53	17.0	\$689.01
CAT Dozer	23125	\$35.50	10.0	\$355.00
JD Loader 444J	23271	\$29.75	12.0	\$357.00
Bobcat T300	22847	\$20.10	14.0	\$281.40
Bobcat T320	23388	\$21.00	7.0	\$147.00
Engersol Roller	19994	\$19.08	3.0	\$57.24
Lowboy	23118	\$34.64	2.0	\$69.28
Dump Trucks		\$16.68	124.5	\$2,076.66
Pickup Trucks		\$4.17	118.5	\$494.15
<b>Total Equipment Cost</b>				<b>\$5,197.91</b>

Cost/hour excludes fuel cost.

\$31,298.86

**Site Photographs**

Before



During



After



Project: Kinlaw Lane  
(Private Property)

Activity: Drainage  
Emergency

Project #:  
2010-152

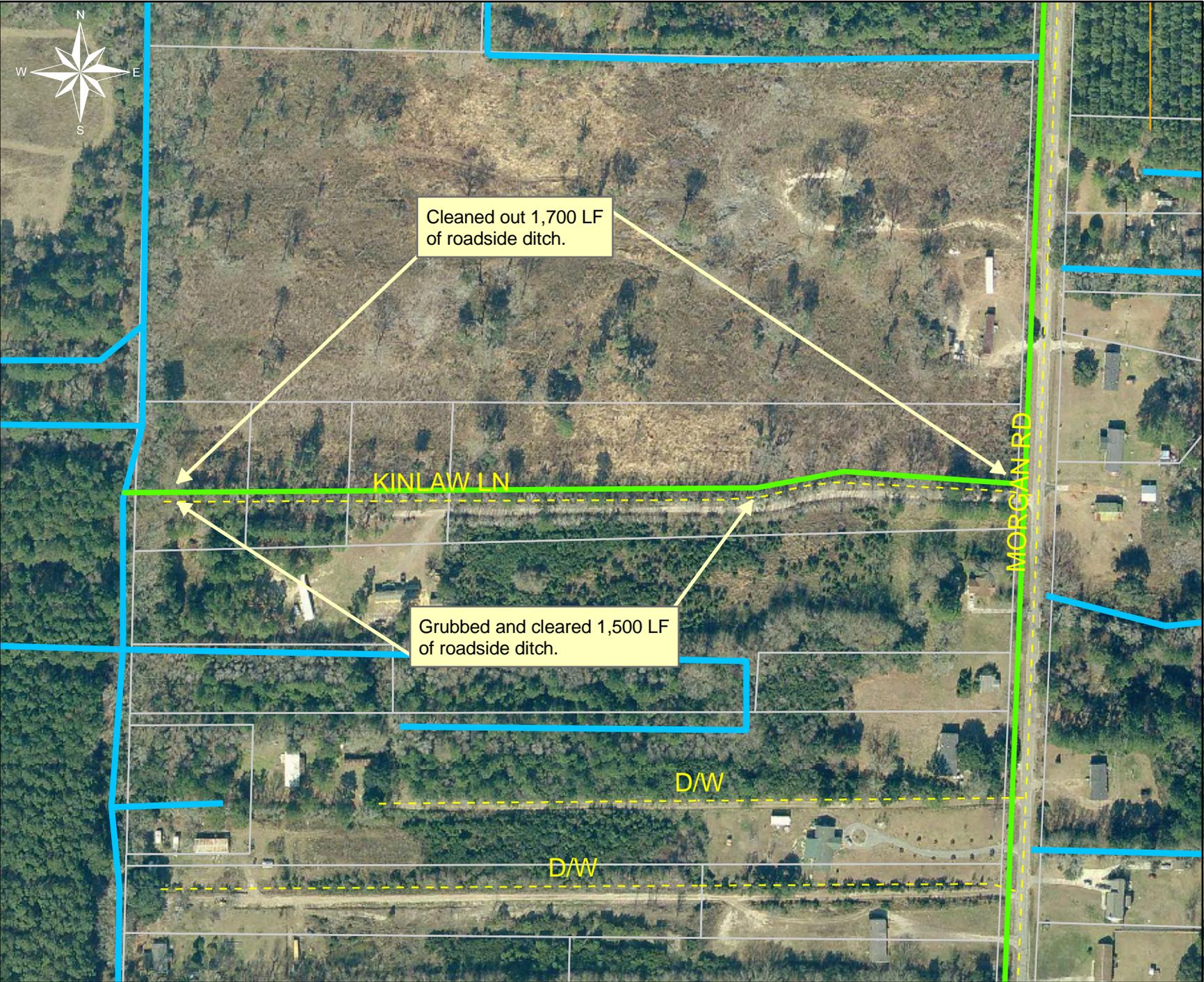
Township:  
Sheldon

Completed:  
April 2010

**Legend**

**Drainage Type**

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



1 inch equals 226.51 feet