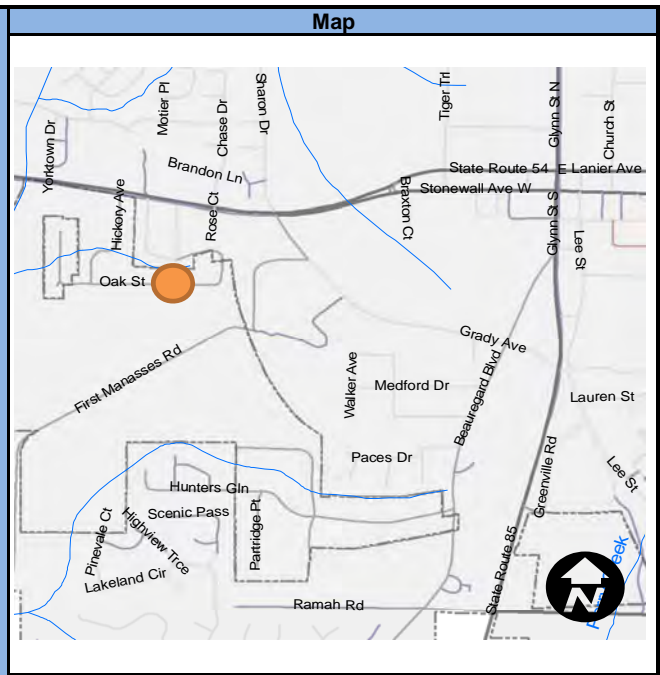


General Information	
Project ID	
Street Name	330 Oak Street
Site Visit Date	5/21/13
Road Classification	Internal Local
Project Notes	
Rural Typical Section	
Field Notes	
Design (Existing Site Features)	
Existing Road Laneage	2
Existing Shld Width (paved and grass) (feet)	1 - 2' Grass
Existing Side Slopes	2:1
Existing Guardrail	None
Depth fm Pavement to Top of Culvert (ft):	5'
Pipe Type and Size	15" RCP
Pipe Condition (1-5) (1 is new)	5 (Installation)
Condition Notes:	
Pavement Type/Condition	Asphalt/Good
Environmental Features	
Wetlands	None
Ditches	Along South Side
Utilities (Visual Inspection)	
Electric	Aerial
Cable	Aerial
Phone	Aerial
Gas	
Water	Buried
Sewer	
Other	



Stage Construction Options	
Close Location to Traffic	X
Maintain One Lane - No Temp Pavement	
Maintain One Lane - Temp Pavement	
Stage Construction Notes:	

Proposed Design	
Roadway Section	
Culvert Size & Material	3' x 2' box, concrete, 80' length
Utility Relocations	Water
Guardrail Replacement	
Miscellaneous Features	~ 200' drainage ditch or additional piping needs to be installed for downstream property. Receiving stream could use ~500' of stream restoration

Planning Cost Estimate		
Type	Notes	Total
Design		\$15,000
Right of Way Cost		\$4,000
Utility Relocation Cost		\$5,500
Construction Cost		\$44,006
Environmental Permits		\$10,000

Total Planning Estimate	\$78,506
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Photo 1:



Photo 2:

Oak Street

Photo Date:

5/21/2013

Taken By:

David King

Page:

1



Photo 3:



Photo 4:

Oak Street

Photo Date:

5/21/2013

Taken By:

David King

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Roadway Construction, Utility Relocation and ROW Quantity Calculations

Roadway Construction	Installation Unit Cost	Amount	Total Cost
Pavement			\$ 3,618.39
Curb and Gutter (LF)	\$ 27.50		
4" Sidewalk (SY)	\$ 49.50		
Guardrail (LF)	\$ 57.20		
End Anchorage (EA)	\$ 2,530.00		
Subtotal			\$ 3,618.39
Grading Complete (5% of Rwy Items & Drng Total \$)			\$ 1,317.52
Roadway Total			\$ 4,935.91

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Class A Conc (cy)		\$ 698.50	26	\$ 18,293.72
Steel (lb)		\$ 1.38	2559	\$ 3,518.63
Type 2 Back Fill (cy)		\$ 60.50	15.2	\$ 919.60
Drainage Total				\$ 22,731.94

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (mile)			\$ -
Signing and Marking Total			\$ -

Staging	Installation Unit Cost	Amount	Total Cost
Temporary Pavement			\$ -
Temporary Drainage (Stream Diversion)	\$ 10,000.00	1	\$ 10,000.00
Staging Total			\$ 10,000.00

Erosion Control	Installation Unit Cost	Amount	Total Cost
Temporary Grassing (AC)	\$ 418.00	0.1	\$ 41.80
Silt Fence (LF)	\$ 5.50	200	\$ 1,100.00
Check Dam Type C Silt Fence (LF)	\$ 4.40	100	\$ 440.00
Erosion Control Mats (SY)	\$ 2.75	150	\$ 412.50
Mulch (TN)	\$ 286.00	1.4	\$ 400.40
Perm Grassing (ac)	\$ 9.90	0.1	\$ 0.99
Rip Rap (SY)	\$ 66.00	20	\$ 1,320.00
Plastic Filter Fabric (SY)	\$ 6.60	20	\$ 132.00
4" Ditch Paving (SY)	\$ 33.00	0	\$ -
Erosion Control Total			\$ 3,847.69

Construction Cost Total \$ 41,515.54

Traffic Control (6% of Construction Total \$) \$ 2,490.93

Construction Cost Grand Total \$ 44,006.47

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	\$ 11.00	\$ 55.00		\$ -
Buried	\$ 16.50	\$ 82.50	0	\$ -
Wooden Pole	\$ 82.50	\$ 605.00		\$ -
Phone				
Aerial	\$ 11.00	\$ 27.50		\$ -
Buried	\$ 16.50	\$ 55.00	0	\$ -
Wooden Pole	\$ 82.50	\$ 605.00		\$ -
Cable				
Aerial	\$ 11.00	\$ 27.50		\$ -
Buried	\$ 16.50	\$ 55.00	0	\$ -
Wooden Pole	\$ 82.50	\$ 605.00		\$ -
Gas				
4" main	\$ 16.50	\$ 66.00		\$ -
Water				
8" main	\$ 16.50	\$ 93.50	50	\$ 5,500.00
Sewer				
12" main	\$ 16.50	\$ 82.50	0	\$ -
Utility Relocation Total				\$ 5,500.00

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	\$ 2.00	2000	\$ 4,000.00
ROW Total			\$ 4,000.00