

General Information		Map	
Project ID			
Street Name	210 Antebellum Way		
Site Visit Date	6/9/16		
Road Classification	Internal Local		
Project Notes			
Subdivision Typical Section;			
Field Notes			
Design (Existing Site Features)			
Existing Road Laneage	2-12'		
Existing Shld Width (paved and grass) (feet)	6' Grass		
Existing Side Slopes	2:1		
Existing Guardrail	None		
Depth fm Pavement to Top of Culvert (ft):	3		
Pipe Type and Size	2 - 84" CMP		
Pipe Condition (1-5) (1 is new)	4		
Condition Notes:			
Pavement Type/Condition	Asphalt/Good		
Environmental Features			
Wetlands	No		
Ditches	No		
Utilities (Visual Inspection)			
Electric	Underground		
Cable	Underground		
Phone	Underground		
Gas	Underground		
Water	Underground		
Sewer	None		
Other			
Proposed Design			
Roadway Section			
Proposed Design	Double 8' x 12' box culverts		
Utility Relocations	Electric, phone, water, cable, gas		
Guardrail Replacement			
Miscellaneous Features	Catch Basins		
Planning Cost Estimate			
Type	Notes	Total	
Design	Actual Cost including Environmental Permitting	\$61,805	
Right of Way Cost		\$12,000	
Utility Relocation Cost	Utility poles and aerial phone wires	\$26,070	
Construction Cost	1/2 acre clearing and grubbing, Guardrails	\$381,706	
Total Planning Estimate		\$481,581	



Photo 1:



Photo 2:

Antebellum Way

Photo Date:

1/05/2016

Taken By:

Tony Hicks

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Roadway Construction, Utility Relocation and ROW Quantity Calculations

Roadway Construction	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Pavement (SF)	\$ 0.73	\$ 4.87	1,536.00	\$ 8,609.79
Curb and Gutter (LF)	\$ 28.56	\$ 30.60	40.00	\$ 2,366.40
Drain Inlet (EA)		\$ 3,000.00	2.00	\$ 6,000.00
4" Sidewalk (SY)	\$ 13.56	\$ 36.90	40.00	\$ 2,018.40
Guardrail (LF)	\$ 4.88	\$ 49.09	0.00	\$ -
End Anchorage (EA)		\$ 1,380.00	0.00	\$ -
Subtotal				\$ 18,994.59
Grading Complete (5% of Rwy Items & Dmrg Total \$)				\$ 11,456.45
County Temporary Emergency Work				\$ 19.00
Roadway Total				\$ 30,470.04

Drainage	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Trench Excavation (CY)		\$ 10.38	586.67	\$ 6,089.60
84" CMP (LF)	\$ 63.00		120.00	\$ 22,680.00
96" RCP		\$ 455.00	0.00	\$ -
Class A Conc (CY)		\$ 892.19	166.90	\$ 148,904.39
Box Culvert Wingwalls, Parapetes (CY)		\$ 892.19	92.80	\$ 82,795.05
Steel (lb)		\$ 1.42	16,626.20	\$ 23,542.70
Pipe Bedding (CY)		\$ 48.60	41.50	\$ 2,016.90
Trench Backfill (CY)		\$ 2.99	521.17	\$ 1,557.25
Trench Compaction (CY)		\$ 6.36	416.93	\$ 2,651.70
Drainage Total				\$ 290,237.58

Signing and Marking	Installation Unit Cost	Amount	Total Cost
Permanent Striping (LF)	\$ 0.71	0.00	\$ -
Signing and Marking Total			\$ -

Staging	Installation Unit Cost	Amount	Total Cost
Clearing and Grubbing (Acre)	\$ 10,260.00	0.50	\$ 5,130.00
Temporary Pavement			\$ -
Temporary Drainage (Stream Diversion)	\$ 4,428.00	3.00	\$ 13,284.00
Staging Total			\$ 18,414.00

Erosion Control	Installation Unit Cost	Amount	Total Cost
Fine Grading and Seeding (SY)	\$ 4.39	36.00	\$ 140.54
Temporary Grassing (AC)	\$ 855.60	0.00	\$ -
Type C Silt Fence (LF)	\$ 4.24	660.00	\$ 2,795.76
Check Dam Type C Silt Fence (LF)	\$ 6.79	660.00	\$ 4,482.72
Erosion Control Mats (SY)	\$ 1.87	220.00	\$ 411.84
Landscape Mulch (SY)	\$ 3.58	220.00	\$ 786.72
Perm Grassing (AC)	\$ 1,402.20	0.00	\$ -
Rip Rap Type 3 12" (SY)	\$ 60.98	85.33	\$ 5,203.97
Plastic Filter Fabric (SY)	\$ 5.72	85.33	\$ 488.45
4" Ditch Paving (SY)	\$ 54.65	0.00	\$ -
Erosion Control Total			\$ 14,310.00

Construction Cost Total \$ 353,431.62

Traffic Control (8% of Construction Total \$) \$ 28,274.53

Construction Cost Grand Total \$ 381,706.15

Utility Relocation	Removal Unit Cost	Installation Unit Cost	Amount	Total Cost
Electric				
Aerial	\$ 11.00	\$ 55.00	0.00	\$ -
Buried	\$ 16.50	\$ 82.50	60.00	\$ 5,940.00
Wooden Pole	\$ 82.50	\$ 605.00	0.00	\$ -
Phone				
Aerial	\$ 11.00	\$ 27.50	0.00	\$ -
Buried	\$ 16.50	\$ 55.00	60.00	\$ 4,290.00
Wooden Pole	\$ 82.50	\$ 605.00		\$ -
Cable				
Aerial	\$ 11.00	\$ 27.50		\$ -
Buried	\$ 16.50	\$ 55.00	60.00	\$ 4,290.00
Wooden Pole	\$ 82.50	\$ 605.00		\$ -
Gas				
4" main	\$ 16.50	\$ 66.00	60.00	\$ 4,950.00
Water				
8" main	\$ 16.50	\$ 93.50	60.00	\$ 6,600.00
Relocate Fire Hydrant (EA)		\$ 2,609.22		\$ -
Sewer			0.00	\$ -
12" main	\$ 16.50	\$ 82.50	0.00	\$ -
Utility Relocation Total				\$ 26,070.00

Right of Way (Sq Ft)	Cost/ Sq Ft	Sq Ft	Total Cost
Permanent Easement	\$ 4.00	3,000.00	\$ 12,000.00
ROW Total			\$ 12,000.00