Photo 1: Work has been intermittent over the last several days and continues through the coming days due to rain.

Photo 2: Overall site conditions.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: November 6, 2018

Photo 1: The area for the riser above the upstream culvert has been excavated. The forms have been constructed for the inner riser wall, with rebar placed around the wall.

Photo 2: The forms have been constructed for the riser and top slab for the downstream culvert. Rebar was placed within the riser forms.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 25, 2018

Photo 1: Excavation has been completed for the rise above the downstream culvert. The forms are construction with elevation and alignment set to the proposed curb. Rebar is located within the riser form.

Photo 2: Fayette County Water System was on site today for water testing. The hydrant was flushed for 20 to 30 minutes, and a water sample was retained afterwards.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 24, 2018

Photo 1: A riser will be located above the downstream end of the culvert. It is currently being excavated, and the forms for the riser and top slab will be constructed today.

Photo 2: Fayette County Water System was on site today for water testing. The hydrant was flushed for 20 to 30 minutes, and a water sample was retained afterwards.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 24, 2018

Photo 1: A material tester is on site for hand auger boring and dynamic cone penetrometer testing on the compacted backfill material.

Photo 2: The permanent waterline was installed over the weekend (10/20/2018 & 10/21/2018). The new waterline trench area was backfilled.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 22, 2018

Photo 1: The temporary detour road is relocated to the center of roadway, to allow access to both road shoulders for riser installation.

Photo 2: Grading and compacting the GAB placed within the detour lane.

Photo 1: Grading, backfill, and compaction continue.

Photo 2: The pump and temporary dam are being removed on the culvert's upstream side.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 18, 2018

Photo 1: Grading, backfill, and compaction are in progress.

Photo 2: The pump and temporary dam are being removed on the culvert's upstream side.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 17, 2018

Photo 1: Fill continues to be added to the outlet side of the culvert trench area and is currently above the top of the culvert.

Photo 2: Fill continues to be added to the outlet side of the culvert trench area and is currently above the top of the culvert.

Photo 1: Backfill and compaction continues on each side of the culvert. Compaction test are being performed.

Photo 2: Backfill and compaction continues on each side of the culvert. Compaction test are being performed.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 15, 2018

Photo 1: Backfill and compaction resumes at the culvert trench. Compaction test are being performed.

Photo 2: Backfill and compaction resumes at the culvert trench. Compaction test are being performed.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 12, 2018

Photo 1: Measures are underway to secure the project site for incoming severe weather from Hurricane Michael. Silt fence installed for erosion control.

Photo 2: Measures are underway to secure the project site for incoming severe weather from Hurricane Michael. Silt fence installed for erosion control.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 10, 2018

Photo 1: Second half of culvert system – The triple box culvert system is complete. The outlet apron is formed and concrete will be placed later during the day. Backfill and compaction around the culvert has begun.

Photo 2: First half of culvert system – Concrete will be placed during the day for the inlet apron.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 9, 2018

Photo 1: First half of culvert system – The inlet apron is formed and ready for concrete placement.

Photo 2: Second half of culvert system – The wing walls and third culvert's walls and top are formed and concrete is being placed.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 8, 2018

Photo 1: Concrete placing for third culvert foundation and second wing wall footer.

Photo 2: Overall site view.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 5, 2018

Photo 1: Gravel is placed and prepared for construction of third culvert. Form construction and rebar placement is in progress for the third culvert foundation and wing wall footer. Concrete placement is scheduled for tomorrow.

Photo 2: Forms are complete for the wing wall and second culvert's wall and top. Concrete is expected on site later today for placement.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 4, 2018

Photo 1: Excavation for the third culvert is in progress.

Photo 2: Forms are complete for the wing wall and second culvert's wall and top. Concrete is expected on site later today for placement.

Photo 1: Forms for wing wall and second culvert's wall and top are under construction.

Photo 2: Forms for wing wall and second culvert's wall and top are under construction.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 2, 2018

Photo 1: The second culvert foundation and wing wall foundation has been frame and rebar placed. Concrete was placed for both foundations.

Photo 2: The second culvert foundation and wing wall foundation has been frame and rebar placed. Concrete was placed for both foundations.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: October 1, 2018

Photo 1: Yesterday's rains delayed concrete pouring. Today, rebar has been placed in the center culvert's walls and top. Concrete was placed in the walls and on top. The rebar and concrete have been inspected.

Photo 2: Yesterday's rains delayed concrete pouring. Today, rebar has been placed in the center culvert's walls and top. Concrete was placed in the walls and on top. The rebar and concrete have been inspected.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: September 28, 2018

Photo 1: Forms for the center culvert's walls and top are complete. Rebar placement is in progress. Depending on the weather, concrete may be placed today.

Photo 2: Overview of site. Today's construction is limited due to weather conditions.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: September 27, 2018

Photo 1: The center culvert foundation is complete and currently under water. Pumps are in place to dewater the project site.

Photo 2: Overview of site.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: September 26, 2018

Photo 1: Concrete is being placed for the center culvert foundation.

Photo 2: The concrete placed for the center culvert foundation is being tested.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: September 25, 2018

Photo 1: Rebar placement for the center culvert foundation is complete. The foundation has undergone testing and is ready for concrete placing.

Photo 2: Rebar placement for the center culvert foundation is complete. The foundation has undergone testing and is ready for concrete placing.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: September 25, 2018

Photo 1: Foundation forming for the center culvert is complete. Rebar is currently being placed to prepare for concrete placement.

Photo 2: Overview of second half of culvert system currently under construction.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: September 24, 2018

Photo 1: Gravel placement is complete. The foundation of the center culvert is being formed.

Photo 2: The foundation of the center culvert is being formed.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: September 21, 2018

Photo 1:. Excavation for the center culvert is complete. Gravel is placed for the foundation of the culvert. Forming the culvert will follow.

Photo 2: The proposed culvert area is being dewatered.

Photo 1: Construction on the second half of the culvert system continues. Excavation for the center culvert is in progress. Gravel is expected to be delivered for the foundation tomorrow.

Photo 2: Construction on the second half of the culvert system continues. Excavation for the center culvert is in progress. Gravel is expected to be delivered for the foundation tomorrow.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: September 19, 2018

Photo 1: Cable line was repaired and relocated.

Photo 2: Cable line was repaired and relocated.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: September 11, 2018

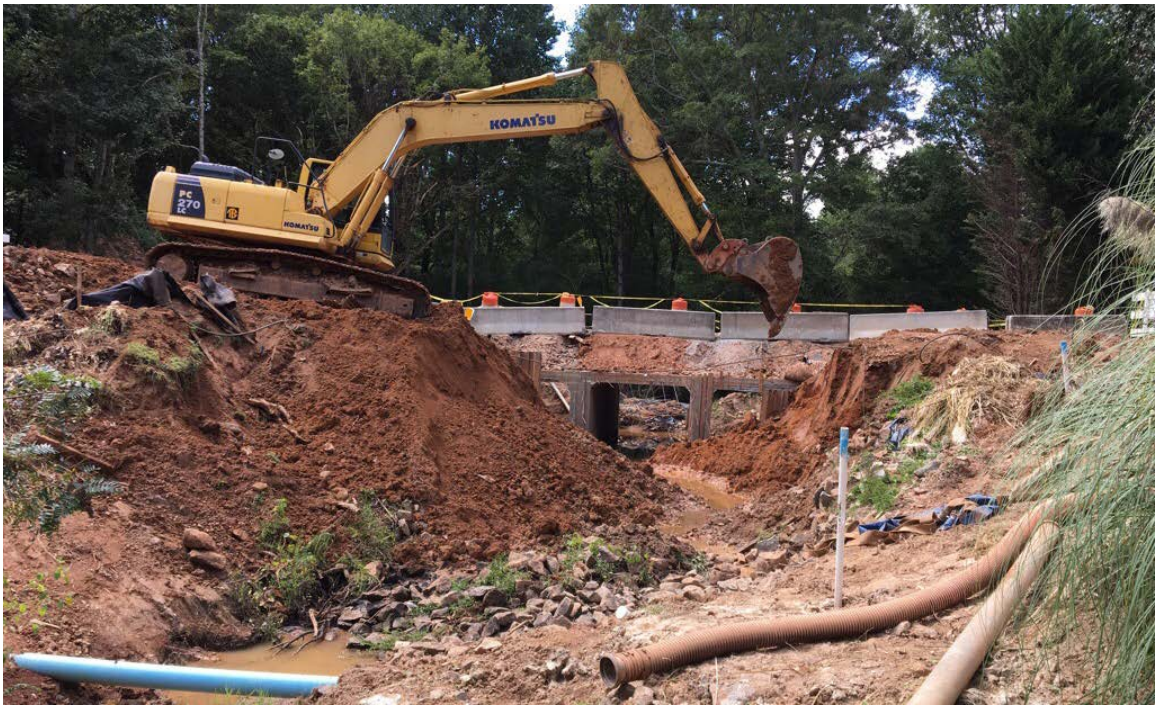

Photo 1: The existing culvert has been completely removed. Excavation for proposed culvert has begun.

Photo 2: The existing culvert has been completely removed. Excavation for proposed culvert has begun.

Photo 1: Waterline bypass installation is complete.

Photo 2: Waterline bypass installation is complete.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: September 4, 2018

Photo 1: Waterline bypass installation – 6” bypass pipe connection complete, valve sleeve, and covers are in place. The area has been backfilled.

Photo 2: Waterline bypass installation – 6” PVC bypass pipe is connected to valve, placed across the creek, and angled fittings are connected.

Photo 1: Waterline bypass installation – Bypass pipe connection begins.

Photo 2: Waterline bypass installation – Bypass pipe connection begins.

Photo 1: Waterline bypass installation in progress. Concrete blocking and reconnection of the 8" gate valve, 8" wye, and existing pipe are complete. Water services were shut off during this process.

Photo 2: Waterline bypass installation in progress. Concrete blocking and reconnection of the 8" gate valve, 8" wye, and existing pipe are complete. Water services were shut off during this process.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: August 29, 2018

Photo 1: Existing 8’ PVC waterline is exposed at first location. Excavation will continue for relocation tie-in and concrete blocking.

Photo 2: Existing 8’ PVC waterline is exposed at second location. Excavation will continue for relocation tie-in and concrete blocking.

Photo 1: Excavation begins for the waterline relocation tie-in and concrete blocking.

Photo 2: The temporary detour road has been relocated over the first half of the newly constructed culvert system. Construction will shift to the other half of the road and will involve utility relocation and culvert construction.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: August 24, 2018

Photo 1: Backfilling the culvert top and trench in preparation for relocating the temporary detour road.

Photo 2: Backfilling the culvert top and trench in preparation for relocating the temporary detour road.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: August 23, 2018

Photo 1: Backfilling the culvert top and trench in preparation for relocating the temporary detour road.

Photo 2: Overall site view of the completed three barrel culvert system and backfilling activities.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: August 22, 2018

Photo 1: Concrete has been placed for the north barrel and the forms are being removed.

Photo 2: Overall site view of the completed three barrel culvert system *(first half).*

Photo 1: Crews are placing rebar and adjusting forms prior to concrete delivery.

Photo 2: Concrete forms for the north barrel's walls, top, and wing wall are complete.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: August 20, 2018

Photo 1: Overall site view on the first half of the new culvert system. Two of the three culverts are complete and construction is ongoing on the last barrel.

Photo 2: Constructing the walls, top, and wing wall of the north barrel. Concrete is expected to be poured on Monday, August 20, 2018.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: August 17, 2018

Photo 1: Concrete has been placed for the foundation and wing wall footer for the north barrel.

Photo 2: Concrete test cylinders were prepared and will be retrieved for testing.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: August 16, 2018

Photo 1: Construction is complete on the first half of the second culvert (south barrel) and concrete forms are being removed. The third culvert (north barrel) area is being excavated and prepared with a gravel base. (August 15, 2018)

Photo 2: Concrete has been poured for the south barrel's walls, wing wall, and top. (August 14, 2018)

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: August 14 and 15, 2018

Photo 1: Concrete form construction on the south barrel's walls, wing wall, and top is complete. Concrete delivery is expected the following day. Coweta Fayette EMC is on-site relocating their underground utility line. (Monday, August 13, 2018)

Photo 2: Concrete has been poured for the south barrel's base and wing wall footer. Forms are being constructed for the walls, wing wall, and top. (Friday, August 10, 2018)

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: August 10 and 13, 2018

Photo 1: The base and wing wall footer of the south barrel is complete. Concrete was delivered and poured later in the afternoon. (August 9, 2018)

Photo 2: The first half of the center barrel is complete. Construction of the south barrel has begun. (August 8, 2018)

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: August 8 and 9, 2018

Photo 1: The remaining 5 ft. of the center barrel is being constructed with concrete forms. Concrete was poured later during the day.

Photo 2: Culvert number two: South barrel. The first 30 ft. of the 9 ft. x 7 ft. south barrel is under construction. The area has been excavated and work crews prepare the gravel base.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: August 7, 2018

Photo 1: Dewatering the construction site after rain event.

Photo 2: Concrete forms are removed from the center barrel.

Photo 1: Concrete for the center barrel of culvert top and walls was placed and covered with plastic before the rain event began on July 31, 2018.

Photo 2: Work site is pooled with water from rain.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: August 3, 2018

Photo 1: The center barrel walls and top are formed and rebar installation is complete.

Photo 2: Concrete pouring for center barrel walls and top.

Photo 1: Gravel, rebar, and concrete were placed for the base of the center culvert on Friday, July 27, 2018. Currently, forms are being constructed and rebar is being placed for the center culvert walls and top.

Photo 2: Gravel, rebar, and concrete were placed for the base of the center culvert on Friday, July 27, 2018. Currently, forms are being constructed and rebar is being placed for the center culvert walls and top.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: July 30, 2018

Photo 1: Excavation continues in culvert area to prepare for new culvert form construction.

Photo 2: A dam has been constructed to divert creek water across Antebellum Way.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: July 26, 2018

Photo 1: The existing road surface was demolished. The existing culvert has been excavated and removed.

Photo 2: A temporary detour road has been constructed to allow passage in and out of Jeff Davis Plantation.

FAYETTE County
Create Your Story!

Project: 210 Antebellum Way – 2017 SPLOST
Date: July 25, 2018

Photo 1: Sidewalk demolition.

Photo 2: Silt fence has been installed.

General Information	
Project ID	
Street Name	**210 Antebellum Way**
Site Visit Date	6/9/16
Road Classification	Internal Local

Project Notes
SubdivisionTypical 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	

Map

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

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:

Fayette County
Where Quality Is a Lifestyle

Antebellum Way

Photo Date:
1/05/2016
Taken By:
Tony Hicks
Page:
1

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 & Drng 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**