



## Utility Committee Meeting

### AGENDA

January 9, 2018  
City Hall

- 
- I. **CALL TO ORDER**
  - II. **MATTERS BEFORE COMMITTEE**
    - 1. Sewer Extension Project
    - 2. Out of State Training
  - III. **ADJOURN**



**To:** City Council, Utility Committee  
**From:** Logan Propes, City Administrator, Rodney Middlebrooks, WSG Director  
**Department:** Water, Sewer. Gas  
**Date:** 1/5/2018  
**Description:** Alcovy River/Hwy 138 Sewer extension project

---

**Budget Account/Project Name: 2018 CIP**

**Funding Source: FY 2018 CIP Budget Expense, Utility Capital**

**Budget Allocation:** \$2,687,223  
**Budget Available:** \$3,000,000  
**Requested Expense:** \$2,687,223      **Company of Purchase:** TBD

---

***Recommendation:***

Staff recommends the APPROVAL of bidding the Alcovy/138 Sewer extension project through engineers, Hofstadter & Associates.

***Background:***

As part of our development agreement with Reliant homes that was previously approved and later ratified by all parties, Reliant will install a pump station at their proposed development off of Michael Etchison Rd. From there the City will need to connect a new gravity sewer line which will also serve the highway 138 corridor for major economic development potential. This is shown in two segments.

Engineers have designed the system and estimated the total project costs to be \$2,687,223.37. This is figure subject to change by the time actual bids are received. Funding is to come from Utility Capital Improvement Funds. There is almost certain to be a great return on investment once the area develops commercially and residentially as many development prospects have inquired about having sewer access in this area.

***Attachment(s):***

Alcovy Sewer Phase II gravity estimate  
Alcovy Sewer Phase II Division II gravity estimate  
Sewer Improvements Area Map



Item	Qty.	Unit	Description	Unit Price	Total Price
------	------	------	-------------	------------	-------------

**Section 1000 - Gravity Sewer Line**

1005	6.20	AC	Clearing and Grubbing	\$ 5,250.00	\$ 32,541.32
1010	1,350	LF	18" Gravity 3-6'	\$ 100.00	\$ 135,000.00
1015	1,350	LF	18" Gravity 6-9'	\$ 105.00	\$ 141,750.00
1020	1,350	LF	18" Gravity 9-12'	\$ 110.00	\$ 148,500.00
1025	1,350	LF	18" Gravity 12-15'	\$ 115.00	\$ 155,250.00
1030	1,350	LF	18" Gravity 15-18'	\$ 120.00	\$ 162,000.00
1035	300	LF	18" Gravity 0-3' DIP	\$ 145.00	\$ 43,500.00
1040	120	LF	Jack and Bore w/ 24" Steel Casing	\$ 425.00	\$ 51,000.00
1045	650	LF	Below Grade Stream Crossing or Piers	\$ 315.00	\$ 204,750.00
1050	27	EA	Manhole Ring and Cover	\$ 650.00	\$ 17,550.00
1055	297	VF	4' Pre-Cast Manholes	\$ 350.00	\$ 103,950.00
1060	0	SY	Class "A" Removal and Replacement	\$ 75.00	\$ -

**Total Construction - Section 1000** \$ **1,195,791.32**

**Section 3000 - Erosion Control and Permitting Measures**

3005	625	CY	Gravel for Trench Stabilization	\$ 65.00	\$ 40,625.00
3010	6,750	LF	Silt Fence, TP C	\$ 4.00	\$ 27,000.00
3015	15,000	SY	Temp Grass	\$ 0.30	\$ 4,500.00
3020	6.20	AC	Turf Establishment	\$ 3,000.00	\$ 18,595.04
3025	8	EA	Check Dams	\$ 450.00	\$ 3,600.00
3030	1	EA	Construction Exit	\$ 3,000.00	\$ 3,000.00
3035	1	LS	As-Builts	\$ 5,000.00	\$ 5,000.00
3040	6.20	AC	NPDES Stormwater Permit Fee	\$ 40.00	\$ 247.93

**Total Construction - Section 3000** \$ **102,567.98**

**Section 4000 - Trench Rock Removal**

4005	5,850	CY	Trench Rock Removal	\$ 65.00	\$ 380,250.00
------	-------	----	---------------------	----------	---------------

**Total Construction - Section 4000** \$ **380,250.00**

**Total Construction Cost** \$ **1,678,609.30**

Engineering Fee (7%)				\$	117,502.65
Construction Observation (3%)				\$	50,358.28
Easement Acquisition (@ \$4000 / AC)				\$	-
8	Mon	NPDES Stormwater Monitoring	(\$1,000/Mon)	\$	8,000.00
Erosion Sedimentation & Pollution Control Plans				\$	3,500.00
Pre-Construction Geotechnical Testing - Not Hofstadter, We will get bid this out				\$	10,000.00
Contingencies (10%)				\$	167,860.93

**Total Project Cost** \$ **2,035,831.16**

Item	Qty.	Unit	Description	Unit Price	Total Price
------	------	------	-------------	------------	-------------

**Section 1000 - Gravity Sewer Line**

1005	2.76	AC	Clearing and Grubbing	\$ 1,200.00	\$ 3,314.60
1010	1,071	LF	10" Gravity 3-6'	\$ 70.00	\$ 75,000.00
1015	1,071	LF	10" Gravity 6-9'	\$ 75.00	\$ 80,357.14
1020	1,071	LF	10" Gravity 9-12'	\$ 80.00	\$ 85,714.29
1025	1,071	LF	10" Gravity 12-15'	\$ 85.00	\$ 91,071.43
1035	300	LF	10" Gravity 0-3' DIP	\$ 90.00	\$ 27,000.00
1040	0	LF	Jack and Bore w/ 18" Steel Casing	\$ 350.00	\$ -
1045	0	LF	Below Grade Stream Crossing or Piers	\$ 250.00	\$ -
1050	12	EA	Manhole Ring and Cover	\$ 650.00	\$ 7,820.80
1055	120	VF	4' Pre-Cast Manholes	\$ 350.00	\$ 42,112.00
1060	0	SY	Class "A" Removal and Replacement	\$ 75.00	\$ -

**Total Construction - Section 1000** \$ **412,390.26**

**Section 3000 - Erosion Control and Permitting Measures**

3005	279	CY	Gravel for Trench Stabilization	\$ 65.00	\$ 18,103.70
3010	3,008	LF	Silt Fence, TP C	\$ 4.00	\$ 12,032.00
3015	8,356	SY	Temp Grass	\$ 0.30	\$ 2,506.67
3020	2.76	AC	Turf Establishment	\$ 3,000.00	\$ 8,286.50
3025	3	EA	Check Dams	\$ 450.00	\$ 1,350.00
3030	1	EA	Construction Exit	\$ 3,000.00	\$ 3,000.00
3035	1	LS	As-Builts	\$ 1,500.00	\$ 1,500.00
3040	2.76	AC	NPDES Stormwater Permit Fee	\$ 40.00	\$ 110.49

**Total Construction - Section 3000** \$ **46,889.36**

**Section 4000 - Trench Rock Removal**

4005	1,003	CY	Trench Rock Removal	\$ 65.00	\$ 65,173.33
------	-------	----	---------------------	----------	--------------

**Total Construction - Section 4000** \$ **65,173.33**

**Total Construction Cost** \$ **524,452.95**

Engineering Fee (7%)				\$	36,711.71
Construction Observation (3%)				\$	15,733.59
Easement Acquisition (@ \$4000 / AC)				\$	11,048.67
4	Mon	NPDES Stormwater Monitoring	(\$1,000/Mon)	\$	4,000.00
Erosion Sedimentation & Pollution Control Plans				\$	3,500.00
Pre-Construction Geotechnical Testing - Not Hofstadter, We will get bid this out				\$	3,500.00
Contingencies (10%)				\$	52,445.29

**Total Project Cost** \$ **651,392.21**

**City of Monroe, GA**  
Alcovy Sewer Line Project  
Phase II  
Division I and II

**Legend**

- Phase II - Division II - 10" Gravity
- Phase II Gravity
- Reliant Pump Station



Google Earth  
© 2017 Google

**HOFSTADTER & ASSOCIATES INC.**  
**THE CITY OF Monroe** Since 1821

3000 ft



**To:** City Council, Committee, City Administrator  
**From:** Brian Thompson  
**Department:** Electric  
**Date:** 1/9/2018  
**Description:** Out of State Training on March 19<sup>th</sup> through 22<sup>nd</sup> for two meter specialist. Our two meter specialist would be traveling to the Southeast Meter School held at Auburn University.

---

**Budget Account/Project Name:**

**Funding Source:** Electric Training

**Budget Allocation:** \$15,000.00

**Budget Available:** \$15,000.00

**Requested Expense:** \$2,410.00

**Company of Purchase:** Multiple

---

***Recommendation:***

Staff recommends the APPROVAL of this request based on the information provided for the training of these two employees

***Background:***

The Electric Department has two Meter Specialist that perform the installation and testing of all the commercial meters. The Southeast Meter School will provide up to date training for these employees to accurately and safely perform their job.

***Attachment(s):***

Request – 1 page

Quotation –

[HOME](#)[PROGRAMS](#)[APPARATUS SCHOOL](#)[METER SCHOOL](#)[CONTACT US](#)

## Southeastern Meter School & Conference

March 19 – 22, 2018  
The Hotel at Auburn University  
Auburn, Alabama

[CLICK HERE TO REGISTER ONLINE TODAY!](#)

### General Information

The Southeastern Meter School and Conference will be held at the Hotel at Auburn University in Auburn, Alabama. The school is sponsored by the **Southeastern Meter Technical Association**. It is held in cooperation with Utility Technology Association.

The school provides a forum for electric utility meter personnel to discuss metering practices, procedures, new technologies, and common problems with peers and representatives from industry. The school is open to anyone interested and involved in these areas. The modules are tailored to instruct utility professionals at all levels of experience.

Vendors from all over the country will be present, displaying and demonstrating the latest in technology for the metering and electrical industry. Take advantage of meeting one on one with the industry experts.

The conference is divided into five modules:

- **Module 100 Introductory Metering**  
Module providing instruction in basic metering theory and application. This module will include topics of single and polyphase theory, instrument transformers, meter sockets, and meter form numbers.
- **Module 200 Advanced Metering**  
Module on intermediate metering theory and polyphase meter installations. Topics include polyphase applications, reactive metering, troubleshooting with phasors, and pulse metering.
- **Module 300 Hands on Meter Testing and Safety**  
Module providing both lecture and laboratory experiences on all aspects of meter testing. Session will include hands on experience in testing everything from simple single phase, polyphase and demand to multifunction meters.
- **Module 400 Smart Grid, AMI and Emerging Technology**  
Module to learn about applications, trends and utilizing elements of Smart Grid, AMI and emerging technologies. Sessions will include AMI Technology, Data Analytics, Metering Renewable Energy, Meter Data Management along with many other classes.
- **Module 500 Meter Programming**  
Module providing hands on of programming meters from the metering manufacturers. Classes to gain a better understanding of the personal computer and using it for your metering applications.

Both classroom and hands on experience opportunities are included. The courses are designed for participants to select topics they require or have an interest in.

### Professional Development Hours

The Southeastern Distribution Apparatus School and Conference will award **18 professional development hours** to participants attending the entire school.

### Exhibit Hall

The Exhibit Hall will be open **Monday, March 19 through Wednesday, March 21**. All the suppliers you need to meet will be in one place to answer your questions and demonstrate their products.

### Keynote Speaker

Tami Barron  
CEO  
*Southern Telecom & Southern Linc*

### Conference Info

[General Information and Registration Form](#)  
[Exhibitor Registration Information](#)  
[Agenda & Class Information](#)  
[Past Participants List](#)

### Hotel Info

[The Hotel at Auburn University](#)  
241 South College Street  
Auburn, Alabama 36830  
Phone: 800-228-2876

(Click on the Hotel Name for Group Rate)

### Contact Info

Suzanne Powell 📧  
770-519-1676  
[suzanne@utilitytech.org](mailto:suzanne@utilitytech.org)

Tom Ellis  
772-633-6949  
[tom.ellis@electricsupplyinc.com](mailto:tom.ellis@electricsupplyinc.com)

### Planning Committee

Chip Kanour, *Utility Specialists, Inc.*  
David Ramsey, *Cobb EMC*  
Freddy Morgan, *Marietta Power*  
Geri Turner, *Tri-State Utility Products, Inc.*  
Jeremy Morgan, *Fairhope Utilities*  
John Winch, *Cobb EMC*  
Ken Waddleton, *Snapping Shoals EMC*  
Mark Wellden, *Georgia Power Company*  
Michael Longmire, *Humboldt Utilities*  
Mike Chirico, *South Alabama EC*  
Nathan Madison, Jr., *South Alabama EC*  
Randall Black, *Habersham EMC*  
Rhonda Reis, *Independent*  
Scott Shipes, *Pea River Electric Cooperative*  
Tom Ellis, *Electric Supply, Inc.*  
Tom Woods, *Marietta Power*  
Trent Christian, *Georgia Power Company*  
Suzanne Powell, *Utility Technology Assn*

**Day Participant Program**

This provides an opportunity for management (general managers, purchasing agents, operation managers, engineers, etc.) to **attend one day for a reduced charge**. Come on any day and attend a few classes, then enjoy an evening of hospitality in the exhibit hall.

**Location**

The [Hotel at Auburn University and Dixon Conference Center](#) is centrally located three miles from Interstate 85. The Hotel at Auburn University is situated in a charming university campus environment within easy walking distance to many shops and restaurants in the quaint, historical downtown Auburn, Alabama.

Find out more about the hotel at [www.auhcc.com](http://www.auhcc.com).

**[REGISTER ONLINE TODAY!](#)**

**Southeastern Meter Technical Association**

The Southeastern Meter Technical Association is a 501c6 non-profit that subscribes to the art of metering electric energy and power, and to the purpose of keeping abreast of new developments and techniques in the practice of this technology, and the sponsorship of educational programs and training for electric meter personnel.

---