



Engineering Services Committee
Meeting

Commission Chamber- 10/7/2013- 12:55 PM

ENGINEERING SERVICES

1. Approve funding for the final phases of the Design Consultant Services Supplemental Agreement One, with Cranston Engineering Group for CPB 328-041110-211828012, 15th Street over the Augusta Canal Bridge Repair and Restoration Project in the amount of \$159,560 as requested by AED. ☐ Attachments
2. Approve Memorandum of Agreement (MOA) between Augusta, Georgia and the Georgia Department of Transportation (GDOT) to install and maintain new roadway lighting along Broad Street (SR 28) between 4th Street and 5th Street as requested by AED/TE. ☐ Attachments
3. Receive a report as information from the Environmental Services Department (ESD) regarding a herbicide application (s) program for vacant lots and right-of-ways. ☐ Attachments
4. Motion to approve the minutes of the Engineering Services Committee held on September 23, 2013. ☐ Attachments
5. Motion to approve the acceptance of a donated permanent easement from Dr. Harold M. Mims, as owner, to Augusta, Georgia, in connection with the Mims Road Repair at Mims Pond Project, said permanent easement consists of 1,284.8 sq. ft. (0.0295 acre), more or less, of permanent drainage and utility easement, and 498.7 sq. ft. (0.0114 acre), more or less, of permanent easement for construction and maintenance of slopes (B), from the property located at 2243 Mims Road, private. ☐ Attachments
6. Motion to approve an Option for the purposes of acquiring a Right-of-Way between Harold Clark and Jeanette I. Clark, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (N/A sq. ☐ Attachments

ft.) in fee, more or less, and (162 sq. ft.) of permanent easement, more or less; and (1,276 sq. ft.) of temporary construction easement, more or less, on Project the Belair Road Improvement, from property located at: 3642 Belair Road, private, at the purchase price of \$313.00.

7. Motion to approve an Option for the purposes of acquiring a Right-of-Way between The Estate of Mary Evelyn Crouch Burrum, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (1,550 sq. ft.) in fee, more or less, and (N/A sq. ft.) of permanent easement, more or less; and (618 sq. ft.) of temporary construction easement, more or less, on Project the Belair Road Improvement, from property located at: 3867 Belair Road, private, at the purchase price of \$3,418.00. ☐ Attachments
8. Motion to approve an Option for the purposes of acquiring a Right-of-Way between Arlene F. Junod, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (400 sq. ft.) in fee, more or less, and (N/A sq. ft.) of permanent easement, more or less; and (285 sq. ft.) of temporary construction easement, more or less, on Project the Belair Road Improvement, from property located at: 3735 Belair Road, private, at the purchase price of \$1,286.00. ☐ Attachments
9. Motion to approve an Option for the purposes of acquiring a Right-of-Way between Paul Davis, as owner, and Augusta, Georgia, as optionee, in connection with the Marks Church Road Reconstruction Project, 0.010 acre (433.07 sq. ft.) in fee more or less and N/A acre of permanent easement, more or less; and (3,894.79 sq. ft.) of temporary construction easement, more or less, and N/A temporary driveway easement on Project Marks Church Road Reconstruction, from property located at: 2902 Raes Creek Road, private, at the purchase price of \$3,700.00. ☐ Attachments
10. Motion to approve an Option for the purposes of acquiring a Right-of-Way between John M. Hinnant and Loretta J. Hinnant, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (N/A sq. ft.) in fee, more or less, and (144 sq. ft.) of permanent easement, more or less; and (2,752 sq. ft.) of temporary construction easement, more or less, on Project the ☐ Attachments

Belair Road Improvement, from property located at: 3714 Belair Road, private, at the purchase price of \$484.00.

11. Motion to approve an Option for the purposes of acquiring a Right-of-Way between Virginia Newman, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (N/A sq. ft.) in fee, more or less, and (N/A sq. ft.) of permanent easement, more or less; and (3.002 sq. ft.) of temporary construction easement, more or less, on Project the Belair Road Improvement, from property located at: 3754 Belair Road, private, at the purchase price of \$200.00. ☐ Attachments
12. Motion to approve an Option for the purposes of acquiring a Right-of-Way between Tasha M. Mohler and Thaddeaus M. Mohler, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (412 sq. ft.) in fee, more or less, and (N/A sq. ft.) of permanent easement, more or less; and (250 sq. ft.) of temporary construction easement, more or less, on Project the Belair Road Improvement, from property located at: 3729 Belair Road, private, at the purchase price of \$1,311.00. ☐ Attachments
13. Motion to approve an Option for the purposes of acquiring a Right-of-Way between Clyde Hill, Sr., and C. Louise Hill, as owner(s), and Augusta, Georgia, as optionee, in connection with the Marks Church Road Reconstruction Project, (50 sq. ft.) in fee more or less and N/A acre of permanent easement, more or less; and (558.57 sq. ft.) of temporary construction easement, more or less, and one temporary driveway easement on Project Marks Church Road Reconstruction, from property located at: 3658 Jamaica Drive, private, at the purchase price of \$450.00 and authorize the Mayor to execute, at the direction of the Augusta Law Department document necessary for closing. ☐ Attachments
14. Motion to approve an Option for the purposes of acquiring a Right-of-Way between The Estate of Ralph S. Kennedy, the Ralph S. Kennedy Trust B, and the Ralph S. Kennedy Trust C, as owner(s), and Augusta, Georgia, as optionee, in connection with the Augusta Signal and Lighting Upgrades (Walton Way) Project, 0.004 acre (165.60 sq. ft.) more or less in fee simple and N/A sq. ft. of permanent easement, more or less; and (N/A sq. ft.) of temporary construction easement, more or less, from property located at: 1101 Walton Way, private, at the purchase ☐ Attachments

price of \$662.00 and authorize the Mayor to execute, at the direction of the Augusta Law Department document necessary for closing.

15. Award Consultant Services Agreement to AMEC, Inc. in the amount of \$484,452.54 for the Stormwater Utility Fee Implementation Project CPB 328-041110-211828002 to be funded through SPLOST VI as requested by AED. ☐ Attachments

16. Approve Supplemental Agreement 15 and Change Number 17 in the amount of \$28,112 from Jacobs Engineering Group Inc., to update the specials studies as part of the environmental document re-evaluation and approval process which will enable construction funds to be authorized and plans updated in accordance with the new GDOT guidelines for the Georgia EPD and US Army Corps of Engineers for approval of the Stream Buffer Variances and Individual Permit, respectively, on the projects to improve Windsor Spring Road from SR 88 in Hephzibah to Willis Foreman Rd (Phase V) 323-04-299823786 and from Willis Foreman Road to Tobacco Road (Phase IV) 323-04-299823766 as requested by AED. ☐ Attachments

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Engineering Services Committee Meeting

10/7/2013 12:55 PM

15th Street over Augusta Canal Bridge Repair and Restoration Project Bid# 11-134 -SA#1

Department: Abie L. Ladson, PE, CPESC, Director

Caption: Approve funding for the final phases of the Design Consultant Services Supplemental Agreement One, with Cranston Engineering Group for CPB 328-041110-211828012, 15th Street over the Augusta Canal Bridge Repair and Restoration Project in the amount of \$159,560 as requested by AED.

Background: The 15th Street over the Augusta Canal Bridge (aka, Archibald Butt Memorial Bridge) is likely the most historic and iconic bridge structure in Augusta, Georgia. Constructed in 1914 and dedicated by President William H. Taft, this bridge has served one of Augusta's primary corridors, 15th Street, for nearly 100 years with only one known structural rehabilitation in 1999 and no known aesthetic restoration beyond periodic painting. In July 2012, commission approved award of the initial design phases of the project that included concept development, survey, and environmental documentation to Cranston Engineering Group. The findings and recommendations of this initial phase include: replacement of the bridge deck, rehabilitation of the rib girders, improvements to sidewalks, roadway approaches, and lighting as well as restoration of the ornamental features of the bridge. The purpose of this item is to continue the project and move it from concept into detailed design and move the project to construction. Moreover, this project is also on the approved Band 1 construction list for the Transportation Investment Act of 2010 (aka, TIA, TSPLOST).

Analysis: In July 2011, commission approved the initial design phases of the project that included concept development, survey, environmental documentation and public involvement. The purpose of this item is to move the project from concept to final design and construction.

Financial Impact: \$159,560 will be funded through SPLOST Phase VI

Alternatives: 1. Approve funding for the final phases of the Design Consultant Services Supplemental Agreement One, with Cranston

Cover Memo

Item # 1

Engineering Group for CPB 328-041110-211828012, 15th Street over the Augusta Canal Bridge Repair and Restoration Project in the amount of \$159,560 as requested by AED. 2. Do not approve

Recommendation: Approve alternative #1

**Funds are Available
in the Following
Accounts:** 328-041110-5212115/211828012-5212115

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**

Please do not process this document. Once approved by the Commission the original will be sent to the Clerk of Commission for execution. For information reference this request, contact Engineering at ext 5070. Thanks

**AUGUSTA, GA ENGINEERING DEPARTMENT
SUPPLEMENTAL AGREEMENT**

Augusta Richmond County Project Number(s):	328-04-211828012
Supplemental Agreement Number:	1
Purchase Order Number:	P212305

WHEREAS, We, **Cranston Engineering Group** Consultant, entered into a contract with Augusta-Richmond County on 8/7/12, for engineering design services associated with the **15th St. Bridge over the Augusta Canal, Bid #11-134**, File Reference No.12-014 (A), and

WHEREAS, certain revisions to the design requested by Augusta-Richmond County are not covered by the scope of the original contract, we desire to submit the following Supplemental Agreement to-wit:

***Additional work includes Part II Construction Documents Preparation
& Part III Construction Phase Services***

It is agreed that as a result of the above described modification the contract amount is increased by **\$159,560.00** from **\$207,540.00** to a new total of **\$367,100.00.**

Any modifications to submittal dates shall be as identified in the attached proposal. This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, **Cranston Engineering Group**, Consultant, hereby agree to said Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement is hereby made a part of the original contract to be performed under the specifications thereof, and that the original contract is in full force and effect, except insofar as it might be modified by this Supplemental Agreement.

This _____ day of _____, 2013

RECOMMEND FOR APPROVAL:

CITY OF AUGUSTA-RICHMOND COUNTY
AUGUSTA, GEORGIA

Deke Copenhaver, Mayor

Approved: Date _____

Approved: Date _____
[ATTACHED CORPORATE SEAL]

ATTEST:

ATTEST:

Title: _____

Title: _____

Item # 1

Please do not process this document. Once approved by the Commission the original will be sent to the Clerk of Commission for execution. For information reference this request, contact Engineering at ext 5070. Thanks

Augusta-Richmond County, Georgia

CPB#328-041110-211828012

**CAPITAL PROJECT BUDGET
BRIDGE REHABILITATION & REPAIRS
Bid Item 11-134**

(15th St Bridge over the Augusta Canal, & Broad St On-Ramp over Lake Olmstead)

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County, Georgia that the following Capital Project Budget is hereby amended:

Section 1: The project change is authorized to CPB# 328-041110-211828012 15th St. Bridge over the Augusta Canal & the Broad Street On-Ramp over Lake Olmstead for Supplemental Agreement One to Cranston Engineering, Group in the amount of \$159,560 to be funded from SPLOST PHASE VI.

Section 2: The following revenues are anticipated to be available to the Consolidated Government to complete the project.

Special 1% Sales Tax, Phase VI	\$ 207,540
Special 1% Sales Tax, Phase VI	<u>\$ 159,560</u>
	\$ 367,100

Section 3: The following amounts are appropriated for the project:

By Basin	By District
Raes Creek	3rd \$ 367,100

Section 4: Copies of this Capital Project Budget shall be made available to the Comptroller for direction in carrying out this project.

Adopted this _____ day of _____.

Approved

Mayor Deke S. Copenhaver

Original-Commission Council Office
Copy-Engineering Department
Copy-Finance Department
Copy-Procurement Department

Augusta-Richmond County, Georgia

CPB#328-041110-211828012

**CAPITAL PROJECT BUDGET
BRIDGE REHABILITATION & REPAIRS**

Bid Item 11-134

(15th St Bridge over the Augusta Canal, & Broad St On-Ramp over Lake Olmstead)

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB ADDITION</u>	<u>NEW CPB</u>
SPECIAL 1% SALES TAX, PHASE VI 328-041110-6011110-211828012	(\$207,540)		(\$207,540)
SPECIAL 1% SALES TAX, PHASE VI 328-041110-6011110-211828012		(\$159,560)	(\$159,560)
TOTAL SOURCES:	(\$207,540)	(\$159,560)	(\$367,100)
 <u>USE OF FUNDS</u>			
ENGINEERING 328-041110-5212115-211828012	\$207,540	\$159,560	\$367,100
 TOTAL USES:	 \$207,540		 \$367,100

Item # 1

9.26.2013



Engineering Services Committee Meeting

10/7/2013 12:55 PM

Broad Street Lighting – GDOT Memorandum of Agreement (SR28/4th St & 5th St)

Department: Abie Ladson, Director

Caption: Approve Memorandum of Agreement (MOA) between Augusta, Georgia and the Georgia Department of Transportation (GDOT) to install and maintain new roadway lighting along Broad Street (SR 28) between 4th Street and 5th Street as requested by AED/TE.

Background: In 2009, all roadway and pedestrian lighting was upgraded along Broad Street between 5th Street and 13th Street. Currently, there is a proposed project by the Augusta Engineering Department (AED) to extend this project to 4th Street. Since this section of Broad Street is designated State Route 28, Georgia DOT requires that the local government enter into a MOA to cover future maintenance of the lighting prior to issuance of a utility permit.

Analysis: Project will significantly improve lighting of the corridor by replacing 10 overhead and 3 pedestrian level lights with 18 overhead lights and 10 pedestrian level lights. Approval of the MOA is the final step for AED to obtain the necessary permit for the upgrading the lighting.

Financial Impact: AED is currently maintaining the existing lighting along this section of Broad Street at an annual cost of approximately \$2,725.08/year. The total cost of the new lighting will be approximately \$5,812.08; an increase of \$3,087/yr.

Alternatives: 1. Approve MOA between Augusta, Georgia and Georgia DOT to install and maintain new roadway lighting along Broad Street (SR 28) between 4th Street and 5th Street. 2. Do not approve and lighting project cannot proceed.

Recommendation: Approve Alternative Number One.

**Funds are Available
in the Following**

Fund 276

Cover Memo

Item # 2

Accounts:

REVIEWED AND APPROVED BY:

Please do not process this document. Once approved by the Commission the original will be sent to the Clerk of Commission for execution. For information reference this request, contact Engineering at ext 5070. Thanks

Broad Street Lighting - GDOT Memorandum of Agreement-Agenda Item dtd 09/18/13

MEMORANDUM OF AGREEMENT

FOR

ROADWAY LIGHTING ON STATE ROUTE 28 / BROAD STREET

CONSISTING OF

10 New Pedestrian Lighting Structures, 9 Upgrades to Existing Street/Pedestrian Lighting Structures, and Retention of 8 Existing Pedestrian Lighting Structures by Permit No. 1101687 on and along State Route 28/Broad Street beginning at 5th Street and continuing to 4th Street in Richmond County

BETWEEN

The City of Augusta, acting by and through its City Council, hereinafter called the CITY, and the Department of Transportation, an agency of the State of Georgia, hereinafter called the DEPARTMENT.

RELATIVE TO

The City is requesting to install 10 new pedestrian lighting structures, upgrade 9 existing street/pedestrian lighting structures, and retain 8 existing pedestrian lighting structures by Permit No. 1101687 on and along State Route 28/Broad Street beginning at 5th Street and continuing to 4th Street in Richmond County.

I. IT IS THE INTENTION OF THE PARTIES:

A. That the CITY, only to the extent that it may be bound by contracts which may hereafter be entered into, shall be responsible for the following:

1. The CITY shall Install, Locate, Provide the Energy, Operate, Maintain and Design additional roadway lighting in accordance with the Georgia Department of Transportation's Design Policy Manual, along the existing roadway of State Route 28/Broad Street beginning at 5th Street and continuing to 4th Street in Richmond County.

2. The CITY, in its operation and maintenance of the lighting systems, shall not in any way alter the type or location of any of the various components which make up the entire lighting system without

prior written approval from the **DEPARTMENT**.

3. The **CITY** shall at all times indemnify and save harmless the **DEPARTMENT** and the State of Georgia, to the extent allowed by law, from any and all responsibility for damages or liability, or both, which may result from the installation, construction, reconstruction, operation, maintenance or repair, or any combination of any of the foregoing.

4. The **CITY** assumes full responsibility for the requirements of the Georgia Utility Facility Protection Act.

II. **IT IS FURTHER AGREED**, that the **DEPARTMENT**, only to the extent that it may be bound by contracts which may hereafter be entered into, shall reserve the right to remove the aforementioned lighting upgrades in the event that the **CITY** elects to de-energize or fails to properly maintain any individual component within the systems or the complete system(s) including poles, mast arms, luminaires, foundations and associated wiring. In addition the **DEPARTMENT** reserves the right, at its sole discretion, to remove or replace any lighting upgrades where the public safety is at any time compromised by the actions or inactions of the **CITY**.

III. IT IS FURTHER AGREED, that this Agreement shall remain in effect for a period of fifty (50) years.

IV. IT IS FURTHER AGREED, the covenants herein contained shall, except as otherwise provided accrue to the benefit of and be binding upon the successors and assigns of the parties hereto.

This document is a Memorandum of Agreement expressing the present intentions of the parties. Nothing contained herein shall require the undertaking of any act, project, study, analysis, or any other activity by any party until a contract for such activity is executed. Nor shall this document require the expenditure of any funds by any party until a contract authorizing such expenditure is executed.

However, nothing contained herein shall be construed to prohibit any party's undertaking any act, project, study, analysis, or any other activity, which the party is required by law to contract to undertake as part of any other program, which fulfills some function shown herein as intended to be performed by the party undertaking such act, project, study, analysis, or any other activity.

IN WITNESS WHEREOF, the parties hereto have executed this **Memorandum of Agreement** to be executed by their duly authorized officials, and their respective seals attached hereto.

Signed and delivered
this _____ day of _____,
201_, in the presence of:

GEORGIA DEPARTMENT OF TRANSPORTATION

STATE UTILITIES ENGINEER

WITNESS

REQUESTED BY: CITY OF AUGUSTA, GEORGIA

BY: _____
TITLE: _____

BY: _____
WITNESS

BY: _____
NOTARY PUBLIC
My Commission Expires: _____

(OFFICIAL SEAL OF CITY OF AUGUSTA)

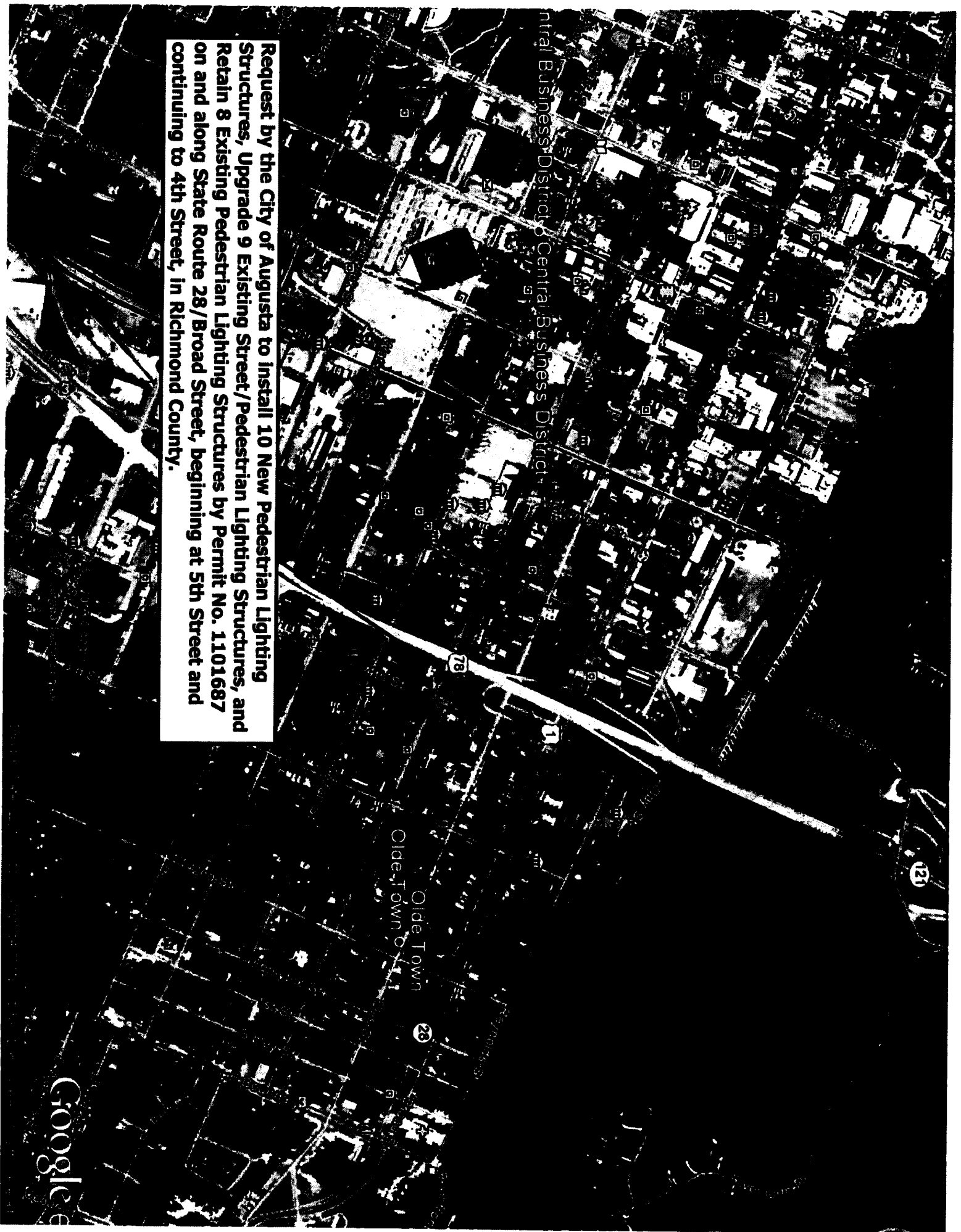
SWORN TO AND SUBSCRIBED BEFORE
ME ON THIS _____ DAY OF _____,
201_.

This Agreement approved by the
City Counsel at a meeting held
at _____ on
the ____ day of _____, 201_.

Attest:

BY: _____
City Clerk

Request by the City of Augusta to install 10 New Pedestrian Lighting Structures, Upgrade 9 Existing Street/Pedestrian Lighting Structures, and Retain 8 Existing Pedestrian Lighting Structures by Permit No. 1101687 on and along State Route 28/Broad Street, beginning at 5th Street and continuing to 4th Street, in Richmond County.





Engineering Services Committee Meeting
10/7/2013 12:55 PM
Herbicide application program

Department: Environmental Services

Caption: Receive a report as information from the Environmental Services Department (ESD) regarding a herbicide application(s) program for vacant lots and right-of-ways.

Background: At a recent committee/commission meeting, a request for information was made for the ESD and the Engineering Department to develop a plan around herbicide applications for both vacant lots and right-of-way. The ESD took the lead on this project and started evaluations of various chemicals and programs. Initially we started with internal resources and then progressed to the UGA extension office. Both of these resources directed us to other individuals and resources which could add value to a herbicide program. We finally ended with a contact at GDOT who is responsible for all of the state right-of-way herbicide programs for Georgia. Based on all the information gathered and interviews conducted, the state program appears to be the most comprehensive and applicable to Augusta's needs.

Analysis: The proposed herbicide program is closely based on the plan developed by GDOT. Herbicide would be applied by spray truck, tractor with sprayer attachment, and ATV with a sprayer. The intended spray areas would be a majority of public right-of-ways throughout Augusta in an effort to eliminate unsightly or undesired vegetation. This includes, but is not limited to, woody vegetation, Johnson grass and all broadleaf weeds. The desired end result is a suppressed rate of growth for turf grass and reduction of all non-turf grass vegetation. The plan consists of three strategic applications of selective and non-selective herbicides. Spray cycle one is an application which occurs in January through March and focuses on the use of herbicides that are designed to control emerging growth and prevent unwanted vegetation from germinating. This is considered a pre-emergent. The goal here is to stop the vegetation before it begins. As seen in the attachments, the pre-emergent is the lowest cost spray program, which should, over time, reduce the amount of post emergent spraying required, which is the most costly application. Spray cycle two is an application which occurs in May and June.

City of Augusta Memo

Item # 3

and focuses on the use of herbicides that eliminate unwanted vegetation and regulate seed head formulation on the desired turf grasses. This is considered a post-emergent application as it is addressing plants which have already grown. The targeted areas are suppressing the growth of turf grass, aggressively eliminating woody vegetation, a selective herbicide for Johnson grass as well as a selective herbicide for crabgrass and other undesirable grasses. Spray cycle three is an application which occurs in July through September and focuses on the use of herbicides that slow the growth of desired turf grasses and kills Johnson grass. This spray cycle is considered a post emergent application as it is addressing plants which have already grown. GDOT considers this spray to be an “as needed” application. The ESD is under the assumption that because it slows turf grass development, this could reduce the amount of right-of-way mowing which is required. The ESD sees this as a solid program which should work well for right-of-ways and all Augusta owned properties. This program would require Augusta to have staff with the proper applicator licenses and endorsements as issued by the state. Augusta has options as it relates to the implementation of a herbicide program. It could be in internal service provided by one of our departments, or it could be a contracted service provided by an appropriate third party. There are some issues which would need to be addressed to ensure the success of such a program. First, to utilize this program on privately owned vacant lots could be challenging. Augusta only has a right to remedy when the property is in an overgrown state. We could spray at that point; however, we would be limited to take full advantage of the pre-emergent and post-emergent cycles of the program. This could make the program less effective overall, however, could still reduce the amount of cuts made on a specific property. Second, would be addressing public perception and concerns about spraying chemicals around residential properties. Next, there is potential for collateral damage to private property due to wind drift or over spray.

Financial Impact:

The ESD has developed a cost model of what this program is anticipated to cost. It is anticipated to cost Augusta approximately \$300,500 annually which includes labor, operational costs and the chemicals. The first year cost is anticipated to be close to \$472,000 which includes the capital cost to acquire the assets to deploy the herbicide. At this time, the ESD does not have a good understanding on the avoided costs that Augusta could benefit from. This cost avoidance would come from not needing to mow or maintain the vegetation as frequently.

Alternatives:

Continue to mow and maintain right-of-way and lots in a conventional method.

Recommendation: Find funding for a spray program, and determine if the program should be administered internally or as a contract service.

**Funds are Available
in the Following
Accounts:** Unidentified

REVIEWED AND APPROVED BY:

Finance.

Law.

Administrator.

Clerk of Commission

Spray Cycle 1 - Pre-emergent

<u>Product</u>	<u>Jan-Mar</u> <u>Ounces Per Acre</u>	<u>Cost Per Acre</u>
Roundup Pro	8	\$1.12
Oust	0.25	\$1.33
Milestone	3.5	\$10.64
Surfactant	6	\$1.02
Cost per acre		<u>\$14.11</u>
<u>Spray Cycle 1 Cost</u>		<u>\$32,006.69</u>

<u>Labor</u>	<u>Cost Per Year</u>
1.5 FTE Certified Applicator	\$54,601.50
Benefits	\$19,110.53
Cost of Labor	\$73,712.03

Spray Cycle 2 - Post emergent

<u>Product</u>	<u>May-Jun</u> <u>Ounces Per Acre</u>	<u>Cost Per Acre</u>
Plateau	4	\$7.16
Garlon	16	\$8.96
Outrider	1	\$16.00
Surfactant	6	\$1.02
Sencor	4	\$17.48
Cost per acre		<u>\$50.62</u>
<u>Spray Cycle 2 Cost</u>		<u>\$114,865.55</u>

<u>Operational Costs</u>	
R&M/Fuel	\$25,000.00
Operational Costs	\$25,000.00

Spray Cycle 3 - Post emergent

<u>Product</u>	<u>Jul-Sep</u> <u>Ounces Per Acre</u>	<u>Cost Per Acre</u>
Plateau	4	7.16
Surfactant	6	1.02
Outrider	1	16
Cost per acre		<u>24.18</u>
<u>Spray Cycle 3 Cost</u>		<u>\$54,868.61</u>

<u>Capital Costs</u>	
Spray Truck	\$150,000.00
ATV sprayer	\$15,000.00
3 pt sprayer	\$6,000.00

Total Materials Cost	\$201,740.86	Cost of Capital	\$171,000.00
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Program Cost

Material	\$201,740.86
Labor	\$73,712.03
Operational	\$25,000.00
<u>Total Program Cost</u>	<u>\$300,452.88</u>
Capital	\$171,000.00
<u>Total First Year Cost</u>	<u>\$471,452.88</u>

Cost of Roads Assumptions

Feet per mile	5,280
Sq feet per acre	43,560

<u>Roadway types</u>	<u>Miles</u>	<u>% to spray</u>	<u>Width of spray</u>	<u>Acres</u>
Urban local	989.42	20.00%	10	479.72
Urban collector	68.6	25.00%	10	41.58
Urban minor arterial	71.48	25.00%	10	43.32
Urban major arterial	223.8	50.00%	20	542.55
Urban Freeway/Expressway	14.38	50.00%	30	52.29
Interstate/Principle Arterial	78.37	100.00%	30	569.96
Private Street	44.91	0.00%	0	0.00
Dirt Roads	4.83	100.00%	30	35.13
Alley	1.91	100.00%	10	4.63
Vacant Lot Estimate				500
			Total	2269.17

<u>Product</u>	<u>Cost Per Ounce</u>
Roundup Pro	\$0.14
Oust	\$5.30
Milestone VM	\$3.04
Plateau	\$1.79
Garlon	\$0.56
Sencor	\$4.37
Outrider	\$16.00
Hyvar XL	\$0.50
Razor Burn	\$0.81
Poast	\$0.77
Diablo	\$0.50
Rodeo	\$0.15
Milestone VM Plus	\$0.31
Transline	\$1.56
Surfactant	\$0.17



**Engineering Services Committee Meeting
10/7/2013 12:55 PM
Minutes**

Department: Clerk of Commission

Caption: Motion to approve the minutes of the Engineering Services Committee held on September 23, 2013.

Background:

Analysis:

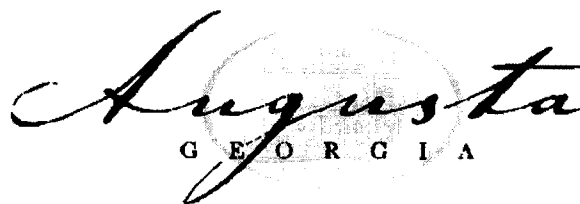
Financial Impact:

Alternatives:

Recommendation:

**Funds are Available
in the Following
Accounts:**

REVIEWED AND APPROVED BY:



Engineering Services Committee Meeting Commission Chamber - 9/23/2013

ATTENDANCE:

Present: Hons. Deke Copenhaver, Mayor; Jackson, Chairman; Fennoy, Vice Chairman; Johnson and Davis, members.

ENGINEERING SERVICES

1. Approve and authorize execution of an agreement between Augusta and the University of Georgia Research Foundation, Inc. Savannah River Ecology Laboratory (SREL) for the continuation of research and data collection related to bird activity around the constructed wetland treatment system. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 4-0.	Commissioner Corey Johnson	Commissioner William Fennoy	Passes

2. Provide necessary signatures on furnished Memorandum of Understanding to include Augusta Utilities Department water and sanitary sewer main relocations in the Georgia Department of Transportation contract, through competitive bidding, for GDOT Projects STP00-1105-00(004) & BHSLB-1105-00(005), PI No. 245320 & 245325, Richmond County C.R. 65/Windsor Springs Road from S.R. 88 to Willis Forman Road - TIA and C.R. 65/Windsor Springs Road at NS # 734145P in Hephzibah. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 4-0.	Commissioner Corey Johnson	Commissioner Mary Davis	Passes

3. Consider proposal from Woolpert, Inc. to provide and implement Citiworks at a cost not to exceed \$627,355. RFQ 12-221 **Item Action: Approved**

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 4-0.	Commissioner Corey Johnson	Commissioner Mary Davis	Passes

4. Discuss Augusta Utilities changing the "due dates" of water payments and the impact it is having on the citizenry. (Requested by Commissioner Mason) **Item Action: Approved**

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve receiving this item as information. Motion Passes 4-0.	Commissioner Corey Johnson	Commissioner William Fennoy	Passes

5. Approve/ratify the application from GDOT for Local Maintenance and Improvement Grant (LMIG), to be used for Belair Road construction, as requested by AED. **Item Action: Approved**

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 4-0.	Commissioner Corey Johnson	Commissioner Mary Davis	Passes

6. Motion to approve the minutes of the Engineering Services Committee held on September 9, 2013. **Item Action: Approved**

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
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Approve	Motion to approve. Motion Passes 4-0.	Commissioner Corey Johnson	Commissioner Mary Davis	Passes
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7. Motion to approve the continued funding of the current On-Call Tree Removal Services Contract in the amount of \$200,000, and the On-Call Vegetation Maintenance Contract in the amount of \$500,000 from the Transportation Investment Act (TIA) discretionary account. Funding is solely for the purposes of hazardous tree removal and pruning; and vegetation maintenance along the county's roadway system, which is within the criteria of transportation discretionary fund usage, as requested by AED. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 4-0.	Commissioner Corey Johnson	Commissioner Mary Davis	Passes

8. Motion to approve an Option for the purposes of acquiring a Right-of-Way between George Bowen, as owner, and Augusta, Georgia, as optionee, in connection with the Marks Church Road Reconstruction Project, 0.008 acre (366.85 sq. ft.) in fee more or less and N/A acre of permanent easement, more or less; and (1,075.02 sq. ft.) of temporary construction easement, more or less, and N/A temporary driveway easement on Project Marks Church Road Reconstruction, from property located at: 2906 Raes Creek Road, private, at the purchase price of \$1,800.00. **Item Action:** Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 4-0.	Commissioner Corey Johnson	Commissioner Mary Davis	Passes

9. Motion to approve an Option for the purposes of acquiring a Right-of-Way between James C. Folk as Successor Trustee to the James M. Green Trust, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (1,642 sq. ft.) in fee, more or less, and (110 sq. ft.) of permanent easement, more or less; and (1,390 sq. ft.) of temporary **Item Action:** Approved

construction easement, more or less, on Project the Belair Road Improvement, from property located at: 3840 Belair Road, private, at the purchase price of \$2,754.00.

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 4-0.	Commissioner Corey Johnson	Commissioner Mary Davis	Passes

10. Motion to approve an Option for the purposes of acquiring a Right-of-Way between Claude Robert Wilkes, Sr., and Barbara A. Wilkes, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (N/A sq. ft.) in fee, more or less, and (1,050 sq. ft.) of permanent easement, more or less; and (1,050 sq. ft.) of temporary construction easement, more or less, on Project the Belair Road Improvement, from property located at: 3830 Belair Road, private, at the purchase price of \$1,950.00.

Item Action:
Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 4-0.	Commissioner Corey Johnson	Commissioner Mary Davis	Passes

11. Presentation by Ms. Peccola Turner regarding maintenance of the city.

Item Action:
Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve receiving this item as information. Motion Passes 4-0.	Commissioner Corey Johnson	Commissioner William Fennoy	Passes

12. Notice of \$144,548.45 payment to Blair for emergency support services, to provide appropriate fire protection and water quality in the Berckmans Road

Item Action:
Item # 4

area.

Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve. Motion Passes 4-0.	Commissioner Corey Johnson	Commissioner Mary Davis	Passes

13. Receive as information Traffic Engineering's purchase of materials to upgrade traffic signals on Reynolds Street. (Referred from September 9 Engineering Services Committee) **Item Action:**
Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve receiving this item as information. Motion Passes 4-0.	Commissioner Corey Johnson	Commissioner Mary Davis	Passes

14. Receive as information a review of the first 60 days of the solid waste collections contract. **Item Action:**
Approved

Motions

Motion Type	Motion Text	Made By	Seconded By	Motion Result
Approve	Motion to approve receiving this item as information. Mr. Johnson out. Motion Passes 3-0.	Commissioner William Fennoy	Commissioner Mary Davis	Passes

www.augustaga.gov



**Engineering Services Committee Meeting
10/7/2013 12:55 PM
Motion to Approve Donation of Permanent Easement**

Department: Law

Caption: Motion to approve the acceptance of a donated permanent easement from Dr. Harold M. Mims, as owner, to Augusta, Georgia, in connection with the Mims Road Repair at Mims Pond Project, said permanent easement consists of 1,284.8 sq. ft. (0.0295 acre), more or less, of permanent drainage and utility easement, and 498.7 sq. ft. (0.0114 acre), more or less, of permanent easement for construction and maintenance of slopes (B), from the property located at 2243 Mims Road, private.

Background: The property owner has agreed to donate the permanent easement to Augusta, Georgia, for the Mims Road Repair at Mims Pond Project.

Analysis: Acceptance of the donated property is necessary for the project.

Financial Impact: N/A

Alternatives: Deny the Motion

Recommendation: Approve the Motion

**Funds are Available
in the Following
Accounts:**

REVIEWED AND APPROVED BY:

**Finance.
Law.
Administrator.
Clerk of Commission**

AUGUSTA, GEORGIA
EASEMENT

AUGUSTA, GEORGIA

PROJECT Mims Road Repair at Mims Pond

WITNESSETH that Dr. Harold M. Mims, the undersigned, is (are) the owner(s) of a tract of land in Augusta, Georgia, which over, through, and across the above Project has been laid out by Augusta Engineering Departmen, being more particularly described in a map and drawing of said project in the Augusta Engineering Office, to which reference is hereby made.

NOW, THEREFORE, in consideration of the benefit to said land by the construction and maintenance of said Project, and in consideration of ONE DOLLAR (\$1.00), in hand paid, the receipt whereof is hereby acknowledged, I do hereby grant, sell and convey to Augusta, Georgia, a political subdivision of the State of Georgia, a perpetual easement for the purpose and uses hereinafter set forth, over, through and across the following lands, to-wit:

Said perpetual easement consists of 1,284.8 sq. ft. (0.0295 acre) of permanent drainage and utility easement, more or less, and 498.7 sq. ft. (0.0114 acre), more or less, of permanent easement for construction and maintenance of slopes (A), and 498.7 sq. ft. (0.0114 acre), more or less, of permanent easement for construction and maintenance of slopes (B), as shown on a plat of the property prepared by the Augusta Engineering Department dated July 25, 2013, revised N/A, attached hereto and made by reference a part hereof for a more accurate and complete description of the perpetual easement.

Item # 5 This easement is granted for the following purposes and uses, to-wit: construction and maintenance.

The easement herein granted shall bind the heirs and assigns of the undersigned.

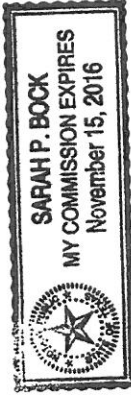
SIGNED, SEALED AND DELIVERED

this 12th day of August, 2013.

in the presence of:

Sarah P. Bock
(Unofficial Witness)

SARAH P. BOCK
NOTARY PUBLIC



Dr. Harold M. Mims
Dr. Harold M. Mims
Amy Luchman (L.S.)
Witness

Tax Map 250, Parcel 004-02
(2243 Mims Road)

NOTES

1. EQUIPMENT USED: TRIMBLE S-3 AND PRISM & TRIMBLE R-8, DUAL FREQUENCY GPS RECEIVER.
2. DATE OF FIELD WORK: JULY 23, 2012
3. THE FIELD DATA UPON WHICH THIS MAP IS BASED WAS PERFORMED BY OPEN TRAVERSE WITH NO CLOSURE.
4. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE SEARCH.
5. UTILITIES ARE SHOWN BASED ON LOCATION OF ABOVE GROUND EVIDENCE.
6. SOURCE OF HORIZONTAL AND VERTICAL DATUM IS NGS CORS GAGE
7. THE PLAT CLOSURE IS ONE FOOT IN 28,527 FEET.

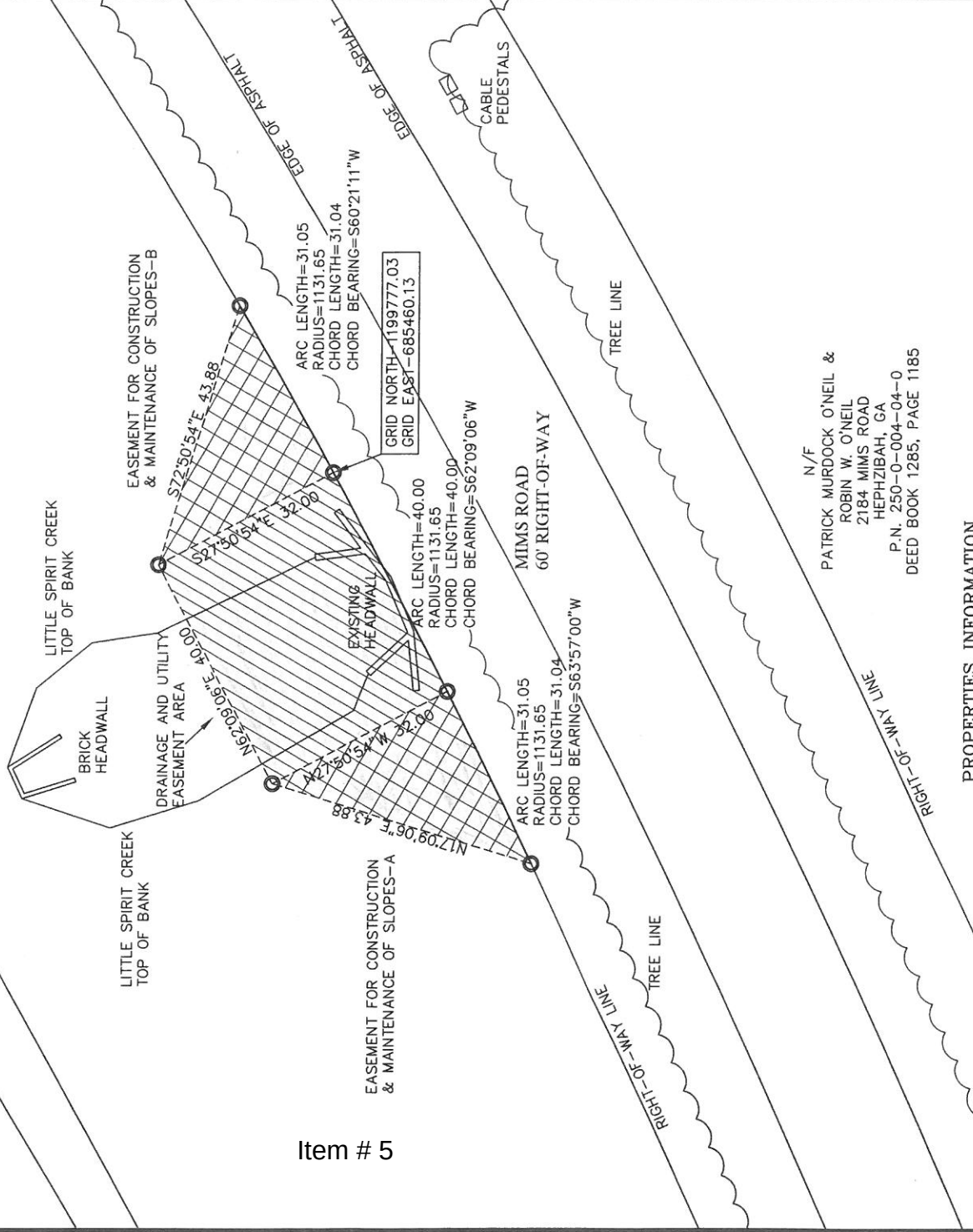


CERTIFICATION STATEMENT: I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED IN CONFORMITY WITH THE TECHNICAL STANDARDS FOR PROPERTY SURVEYS IN GEORGIA AS SET FORTH IN CHAPTER 180-7 OF THE RULES OF THE GEORGIA BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND AS SET FORTH IN THE GEORGIA PLAT ACT.



TOP OF
POND DAM

N/F
DR. HAROLD M. MIMS
2243 MIMS ROAD
HEPHZIBAH, GA
P.N. 250-0-004-02-0
DEED BOOK 1244, PAGE 1773



Item # 5

PROPERTIES INFORMATION

OWNER	TAX ID#	ACQUIREMENT TYPE	AREA
DR. HAROLD M. MIMS	250-0-004-02-0	DRAINAGE AND UTILITY EASEMENT	1,284.8 SQ. FT. (0.0295 AC)
DR. HAROLD M. MIMS	250-0-004-02-0	EASEMENT FOR THE CONSTRUCTION AND MAINTENANCE OF SLOPES-A	498.7 SQ. FT. (0.0114 AC)
DR. HAROLD M. MIMS	250-0-004-02-0	EASEMENT FOR THE CONSTRUCTION AND MAINTENANCE OF SLOPES-B	498.7 SQ. FT. (0.0114 AC)

PERMANENT
DRAINAGE &
UTILITY
EASEMENT PLAT
FOR

AUGUSTA-RICHMOND COUNTY COMMISSION

PROPERTY LOCATED AT 2243 MIMS ROAD, HEPHIZIBAH, GA; PARCEL NO. 250-0-004-02-0

AUGUSTA-RICHMOND COUNTY ENGINEERING DEPARTMENT

505 TELFAIR STREET, AUGUSTA, GEORGIA 30901

Tel. (706)-796-5040 Fax (706)-796-5045

ABIE L. LADSON, P.E., DIRECTOR

ROBERT C. STRIBLING, R.L.S., LS003093

STATE: GEORGIA
COUNTY: RICHMOND
JOB NO.: 2013-04-001

SCALE: 1"=20'

FLD: RCS DRN: RCS CHK: RCS

DATE: 25 JULY 2013

FILE: 2013-04-001-H MIMS



**Engineering Services Committee Meeting
10/7/2013 12:55 PM
Option for Right of Way**

Department: Law

Caption: Motion to approve an Option for the purposes of acquiring a Right-of-Way between Harold Clark and Jeanette I. Clark, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (N/A sq. ft.) in fee, more or less, and (162 sq. ft.) of permanent easement, more or less; and (1,276 sq. ft.) of temporary construction easement, more or less, on Project the Belair Road Improvement, from property located at: 3642 Belair Road, private, at the purchase price of \$313.00.

Background: The property owner has agreed to convey a certain Right-of-Way and easement to Augusta, Georgia, for the Belair Road Improvement Project.

Analysis: The purchase of the referenced property is necessary for the project.

Financial Impact: The costs necessary for this purchase will be covered under the project budget.

Alternatives: Deny the Motion

Recommendation: Approve the Motion

Funds are Available in the Following Accounts: 201823332-52.12122 323-041110-52.12122

REVIEWED AND APPROVED BY:

**Finance.
Law.**

Cover Memo

Item # 6

**Administrator.
Clerk of Commission**

AUGUSTA, GEORGIA
OPTION FOR RIGHT-OF-WAY
AND/OR EASEMENT

GEORGIA, RICHMOND COUNTY

Received of Augusta, Georgia, the sum of one (\$1.00) dollar, the receipt whereof is hereby acknowledged, and in consideration of the benefits derived by me from the proposed project mentioned herein, I bind myself, my heirs, executors and assigns as follows:

If the said Augusta, Georgia, shall within 60 days after date hereof, pay me the sum of \$ 313.00, then the undersigned agrees to execute and deliver to Augusta, Georgia, fee simple title and/or easements to the land owned by the undersigned, which is shown reflected in color on the map attached hereto and made a part hereof by reference, to be used for highway and/or construction and maintenance purposes on the Belair Road Improvement Project, being Tax Map 053, Parcel(s) 043-02, consisting of N/A sq. ft. in fee, more or less, and 162 sq. ft. of permanent easement, more or less, and 1,276 sq. ft. of temporary construction easement, more or less, on project the Belair Road Improvement.

*****SPECIAL PROVISION*****

The said parcel of land as above indicated is shown upon plans on file in the office of Augusta Engineering, Augusta, Georgia, said plans being identified as the Belair Road Improvement Project.

Witness my hand and seal this 30th day of August, 20 13.

Signed, Sealed and Delivered
in the presence of:

Mary Ann
Unofficial Witness

[Signature]
NOTARY PUBLIC

[Signature]
Harold Clark (L.S.)

[Signature]
Jeanette I. Clark (L.S.)

Notary Public, Richmond County, Georgia
My Commission Expires April 10, 2017

(L.S.)

Accepted by:
AUGUSTA, GEORGIA

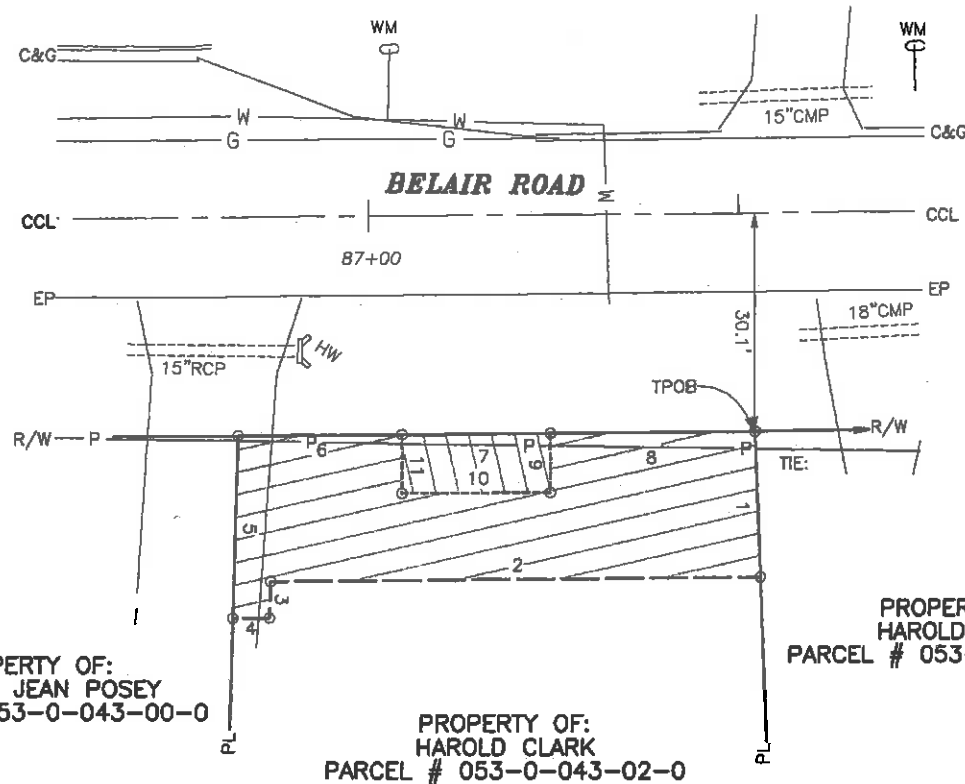
Administrator

DATE

Tax Map 053, Parcel No. 043-02.

[Signature]
INITIALS

NOTE: THE PURPOSE OF THIS DRAWING IS TO
 DISPLAY INFORMATION PERTAINING TO THE ROADWAY
 RIGHT OF WAY AND EASEMENT AREAS DEPICTED
 HEREON. OTHER IMPROVEMENTS, FEATURES AND
 EASEMENTS MAY AFFECT THIS PROPERTY WHICH ARE
 NOT SHOWN HEREON.



PROPERTY OF:
 ROBERTA JEAN POSEY
 PARCEL # 053-0-043-00-0

PROPERTY OF:
 HAROLD CLARK
 PARCEL # 053-0-043-02-0

PROPERTY OF:
 HAROLD CLARK
 PARCEL # 053-0-043-01-0

TIE: 1134.74' TO THE R/W
 INTERSECTION OF BELAIR ROAD
 AND BARNETT CROSSING

#	BEARING	DISTANCE
1	S34°46'13"E	20.01'
2	S57°24'00"W	66.35'
3	S30°53'49"E	5.00'
4	S57°24'00"W	5.00'
5	N30°53'49"W	25.01'
6	N57°24'00"E	22.29'
7	N57°24'00"E	20.00'
8	N57°24'00"E	27.71'
9	S32°22'23"E	8.15'
10	S57°37'37"W	20.00'
11	N32°22'23"W	8.07'

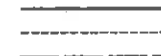
LEGEND

PROPERTY LINE
 PERMANENT EASEMENT LINE
 TEMPORARY EASEMENT LINE
 POINT OF BEGINNING
 TRUE POINT OF BEGINNING
 SANITARY MANHOLE
 SQUARE FEET
 PROPERTY LINE
 DEED BOOK, PAGE
 PLAT BOOK, PAGE
 RIGHT OF WAY
 IRON PIN FOUND
 CONCRETE MONUMENT FOUND
 EDGE OF PAVEMENT
 CHAIN LINK FENCE
 CONSTRUCTION CENTERLINE
 CURB AND GUTTER
 GEORGIA MILITIA DISTRICT
 DRAINAGE EASEMENT
 POWER LINE
 GUY WIRE
 POWER BOX
 POWER POLE
 POWER/TELEPHONE POLE
 TELEPHONE BOX
 TELEPHONE POLE
 WATER LINE
 WATER METER
 WATER VALVE
 CORRUGATED METAL PIPE
 REINFORCED CONCRETE PIPE

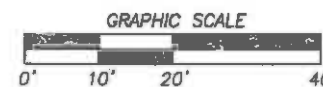
REQUIRED RIGHT OF WAY

REQUIRED TEMPORARY EASEMENT

REQUIRED PERMANENT EASEMENT



POB
 TPOB
 MH
 SQ.FT.
 PL
 DB: PG.
 PB: PG.
 R/W
 IPF
 CMF
 EP
 CLF
 CCL
 C&G
 GMD
 DE
 -P-
 GW
 PP
 PBX
 PTP
 TBX
 TP
 -W-
 WM
 WV
 CMP
 RCP



ESMT
 DWG NO
 118

TOTAL PERMANENT EASEMENT AREA = 162 SQ. FT.

TOTAL TEMPORARY EASEMENT AREA = 1276 SQ. FT.

Item # 6

Rochester
 & Associates, Inc.
 425 Oak Street N.W. • Gainesville, Georgia 30501
 (770)718.0600 (770)718.9090 Fax • www.rochester-assoc.com

EXHIBIT FOR
 BELAIR ROAD IMPROVEMENTS
 PROPERTY OF:
 HAROLD CLARK
 PARCEL # 053-0-043-02-0
 LOCATED IN
 GMD 1385,
 CITY OF AUGUSTA,
 RICHMOND COUNTY, GEORGIA

SHEET
 1
 OF
 1
 11/29/10
 SCALE: 1" = 20'
 FILE# ESMT
 JOB# G201208.BEL
 DRAWN BY REM



**Engineering Services Committee Meeting
10/7/2013 12:55 PM
Option for Right of Way**

Department: Law

Caption: Motion to approve an Option for the purposes of acquiring a Right-of-Way between The Estate of Mary Evelyn Crouch Burrum, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (1,550 sq. ft.) in fee, more or less, and (N/A sq. ft.) of permanent easement, more or less; and (618 sq. ft.) of temporary construction easement, more or less, on Project the Belair Road Improvement, from property located at: 3867 Belair Road, private, at the purchase price of \$3,418.00.

Background: The property owner has agreed to convey a certain Right-of-Way and easement to Augusta, Georgia, for the Belair Road Improvement Project.

Analysis: The purchase of the referenced property is necessary for the project.

Financial Impact: The costs necessary for this purchase will be covered under the project budget.

Alternatives: Deny the Motion

Recommendation: Approve the Motion

Funds are Available in the Following Accounts: 201823332-52.12122 323-041110-52.12122

REVIEWED AND APPROVED BY:

**Finance.
Law.**

Cover Memo

Item # 7

**Administrator.
Clerk of Commission**

AUGUSTA, GEORGIA
OPTION FOR RIGHT-OF-WAY
AND/OR EASEMENT

GEORGIA, RICHMOND COUNTY

Received of Augusta, Georgia, the sum of one (\$1.00) dollar, the receipt whereof is hereby acknowledged, and in consideration of the benefits derived by me from the proposed project mentioned herein, I bind myself, my heirs, executors and assigns as follows:

If the said Augusta, Georgia, shall within 60 days after date hereof, pay me the sum of \$ 3,418.00, then the undersigned agrees to execute and deliver to Augusta, Georgia, fee simple title and/or easements to the land owned by the undersigned, which is shown reflected in color on the map attached hereto and made a part hereof by reference, to be used for highway and/or construction and maintenance purposes on the Belair Road Improvement Project, being Tax Map 052, Parcel(s) 017, consisting of 1,550 sq. ft. in fee, more or less, and N/A sq. ft. of permanent easement, more or less, and 618 sq. ft. of temporary construction easement, more or less, on project the Belair Road Improvement.

*****SPECIAL PROVISION*****

The said parcel of land as above indicated is shown upon plans on file in the office of Augusta Engineering, Augusta, Georgia, said plans being identified as the Belair Road Improvement Project.

Witness my hand and seal this 29 day of August, 2013.

Signed, Sealed and Delivered
in the presence of:

Wayne Schultz
Unofficial Witness
[Signature]
NOTARY PUBLIC

Mary Evelyn Crouch Burrum
Mary Evelyn Crouch Burrum
es. executed for Ann Follow Apple
Maria Ann Follow Apple (L.S.)

Notary Public, Richmond County, Georgia
My Commission Expires April 10th, 2017

_____(L.S.)

Accepted by:
AUGUSTA, GEORGIA

Administrator

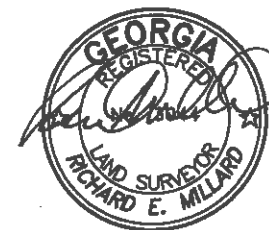
DATE _____

Tax Map 052, Parcel No. 017.

INITIALS _____

NOTE: THE PURPOSE OF THIS DRAWING IS TO DISPLAY INFORMATION PERTAINING TO THE ROADWAY RIGHT OF WAY AND EASEMENT AREAS DEPICTED HEREON. OTHER IMPROVEMENTS, FEATURES AND EASEMENTS MAY AFFECT THIS PROPERTY WHICH ARE NOT SHOWN HEREON.

#	CHORD BEARING	CHORD	ARC	RADIUS
1	N00°29'28"E	9.64'		
2	S89°26'58"E	73.23'	73.23'	4540.00'
3	S88°59'15"E	86.77'		
4	S00°29'28"W	9.71'		
5	N88°58'48"W	93.19'		
6	N89°26'38"W	66.81'	66.81'	4130.00'
7	N00°29'28"E	10.36'		
8	S89°46'01"E	20.00'		
9	S00°29'28"W	10.35'		
10	N89°47'08"W	20.00'	20.00'	4540.00'
11	N01°01'12"E	10.29'		
12	S88°58'48"E	39.86'		
13	S00°29'28"W	10.29'		
14	N88°59'15"W	39.96'		



PROPERTY OF:
DORIS STORY TAYLOR
PARCEL # 052-0-018-00-0

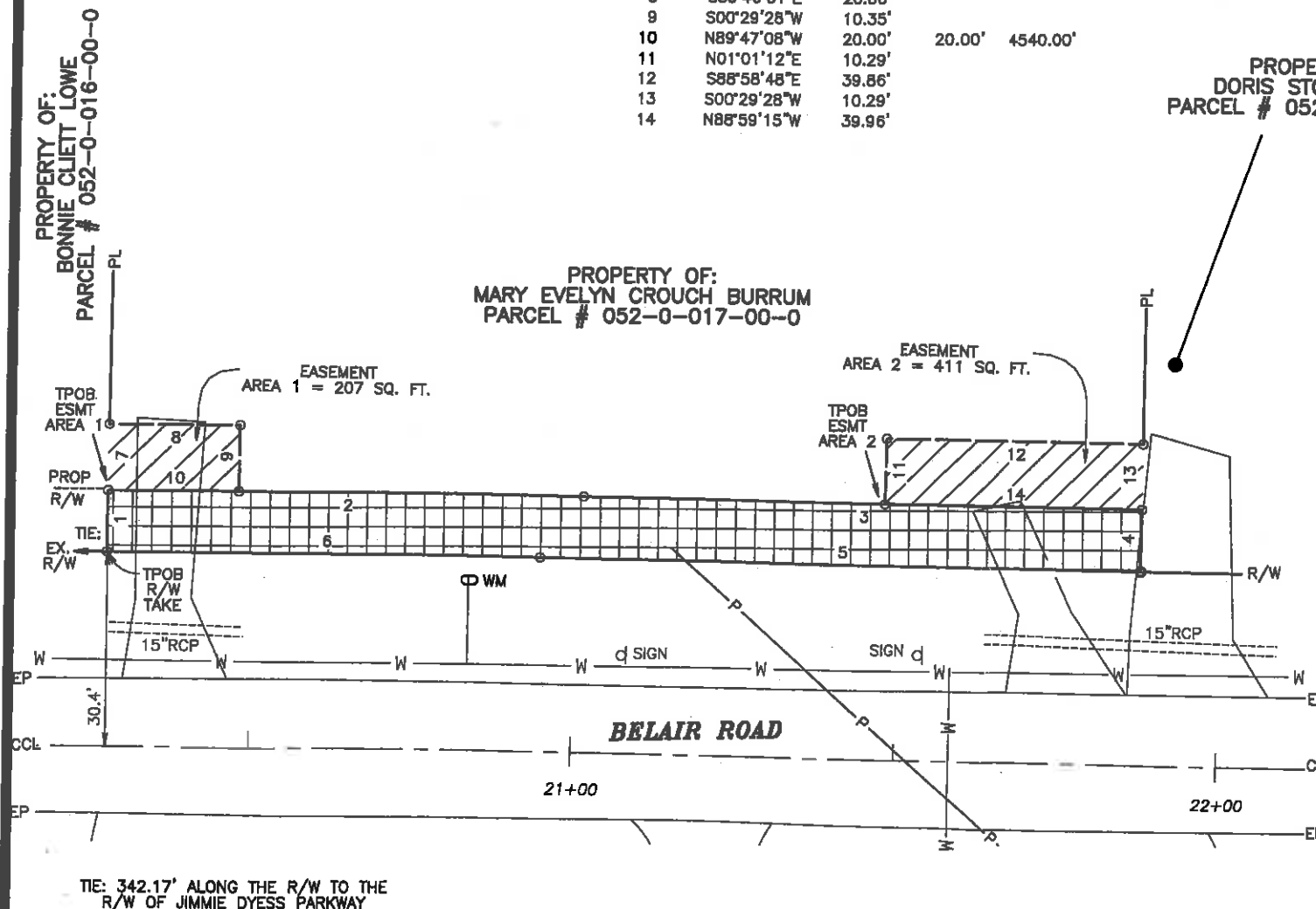
PROPERTY OF:
MARY EVELYN CROUCH BURRUM
PARCEL # 052-0-017-00-0

LEGEND

- | | |
|--------------------------|---------|
| PROPERTY LINE | POB |
| PERMANENT EASEMENT LINE | TPOB |
| TEMPORARY EASEMENT LINE | MH |
| POINT OF BEGINNING | SQ.FT. |
| TRUE POINT OF BEGINNING | PL |
| SANITARY MANHOLE | DB: PG. |
| SQUARE FEET | PB: PG. |
| PROPERTY LINE | R/W |
| DEED BOOK, PAGE | IPF |
| PLAT BOOK, PAGE | CMF |
| RIGHT OF WAY | EP |
| IRON PIN FOUND | CLF |
| CONCRETE MONUMENT FOUND | CCL |
| EDGE OF PAVEMENT | C&G |
| CHAIN LINK FENCE | GMD |
| CONSTRUCTION CENTERLINE | DE |
| CURB AND GUTTER | -P- |
| GEORGIA MILITIA DISTRICT | GW |
| DRAINAGE EASEMENT | PP |
| POWER LINE | PBX |
| GUY WIRE | PTP |
| POWER BOX | TBX |
| POWER POLE | TP |
| POWER/TELEPHONE POLE | -W- |
| TELEPHONE BOX | WM |
| TELEPHONE POLE | WV |
| WATER LINE | CMP |
| WATER METER | RCP |
| WATER VALVE | |
| CORRUGATED METAL PIPE | |
| REINFORCED CONCRETE PIPE | |

REQUIRED RIGHT OF WAY

REQUIRED TEMPORARY EASEMENT



TIE: 342.17' ALONG THE R/W TO THE R/W OF JIMMIE DYESS PARKWAY

ESMT
DWG NO
11

REQUIRED RIGHT OF WAY AREA = 1550 SQ. FT.

TOTAL EASEMENT AREA = 618 SQ. FT.

Item # 7

BELAIR ROAD IMPROVEMENTS

PROPERTY OF:
MARY EVELYN CROUCH BURRUM
PARCEL # 052-0-017-00-0

LOCATED IN
GMD 1385
CITY OF AUGUSTA
RICHMOND COUNTY, GEORGIA

SHEET
1

OF
1

11/29/10
SCALE: 1" = 20'
FILED ESMT
JOB# G201208.BEL
DRAWN BY REM

Received 7-10-2013

Rochester
& Associates, Inc.

425 Oak Street N.W. • Gainesville, Georgia 30501
(770)718.0600 (770)718.9090 Fax • www.rochester-assoc.com



**Engineering Services Committee Meeting
10/7/2013 12:55 PM
Option for Right of Way**

Department: Law

Caption: Motion to approve an Option for the purposes of acquiring a Right-of-Way between Arlene F. Junod, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (400 sq. ft.) in fee, more or less, and (N/A sq. ft.) of permanent easement, more or less; and (285 sq. ft.) of temporary construction easement, more or less, on Project the Belair Road Improvement, from property located at: 3735 Belair Road, private, at the purchase price of \$1,286.00.

Background: The property owner has agreed to convey a certain Right-of-Way and easement to Augusta, Georgia, for the Belair Road Improvement Project.

Analysis: The purchase of the referenced property is necessary for the project.

Financial Impact: The costs necessary for this purchase will be covered under the project budget.

Alternatives: Deny the Motion

Recommendation: Approve the Motion

Funds are Available in the Following Accounts: 201823332-52.12122 323-041110-52.12122

REVIEWED AND APPROVED BY:

**Finance.
Law.
Administrator.**

Cover Memo

Item # 8

AUGUSTA, GEORGIA
OPTION FOR RIGHT-OF-WAY
AND/OR EASEMENT

GEORGIA, RICHMOND COUNTY

Received of Augusta, Georgia, the sum of one (\$1.00) dollar, the receipt whereof is hereby acknowledged, and in consideration of the benefits derived by me from the proposed project mentioned herein, I bind myself, my heirs, executors and assigns as follows:

If the said Augusta, Georgia, shall within 60 days after date hereof, pay me the sum of \$ 1,286.00, then the undersigned agrees to execute and deliver to Augusta, Georgia, fee simple title and/or easements to the land owned by the undersigned, which is shown reflected in color on the map attached hereto and made a part hereof by reference, to be used for highway and/or construction and maintenance purposes on the Belair Road Improvement Project, being Tax Map 053-1, Parcel(s) 088, consisting of 400 sq. ft. in fee, more or less, and N/A sq. ft. of permanent easement, more or less, and 285 sq. ft. of temporary construction easement, more or less, on project the Belair Road Improvement.

*****SPECIAL PROVISION*****

*Second entry to drive (on Burdette) remains street
accessible. aa*

The said parcel of land as above indicated is shown upon plans on file in the office of Augusta Engineering, Augusta, Georgia, said plans being identified as the Belair Road Improvement Project.

Witness my hand and seal this 5th day of September, 20 13.

Signed, Sealed and Delivered
in the presence of:

[Signature]
Unofficial Witness
[Signature]
NOTARY PUBLIC

Arlene F. Junod (L.S.)
Arlene F. Junod a/k/a Arlene Atkins
a/k/a Arlene Atkins (L.S.)

(L.S.)



Accepted by:
AUGUSTA, GEORGIA

Administrator

DATE

Tax Map 053-1, Parcel No. 088.

INITIALS _____

NOTE: THE PURPOSE OF THIS DRAWING IS TO
 DISPLAY INFORMATION PERTAINING TO THE ROADWAY
 RIGHT OF WAY AND EASEMENT AREAS DEPICTED
 HEREON. OTHER IMPROVEMENTS, FEATURES AND
 EASEMENTS MAY AFFECT THIS PROPERTY WHICH ARE
 NOT SHOWN HEREON.

#	CHORD BEARING	CHORD	ARC	RADIUS
1	N25°08'53"W	7.65'		
2	N74°19'23"E	56.74'	56.74'	1705.00'
3	S20°31'17"E	6.81'		
4	S73°18'53"W	27.27'		
5	S73°46'51"W	28.79'	28.79'	1770.00'
6	N25°08'53"W	5.08'		
7	N74°20'38"E	57.15'	57.15'	1700.00'
8	S20°31'17"E	5.01'		

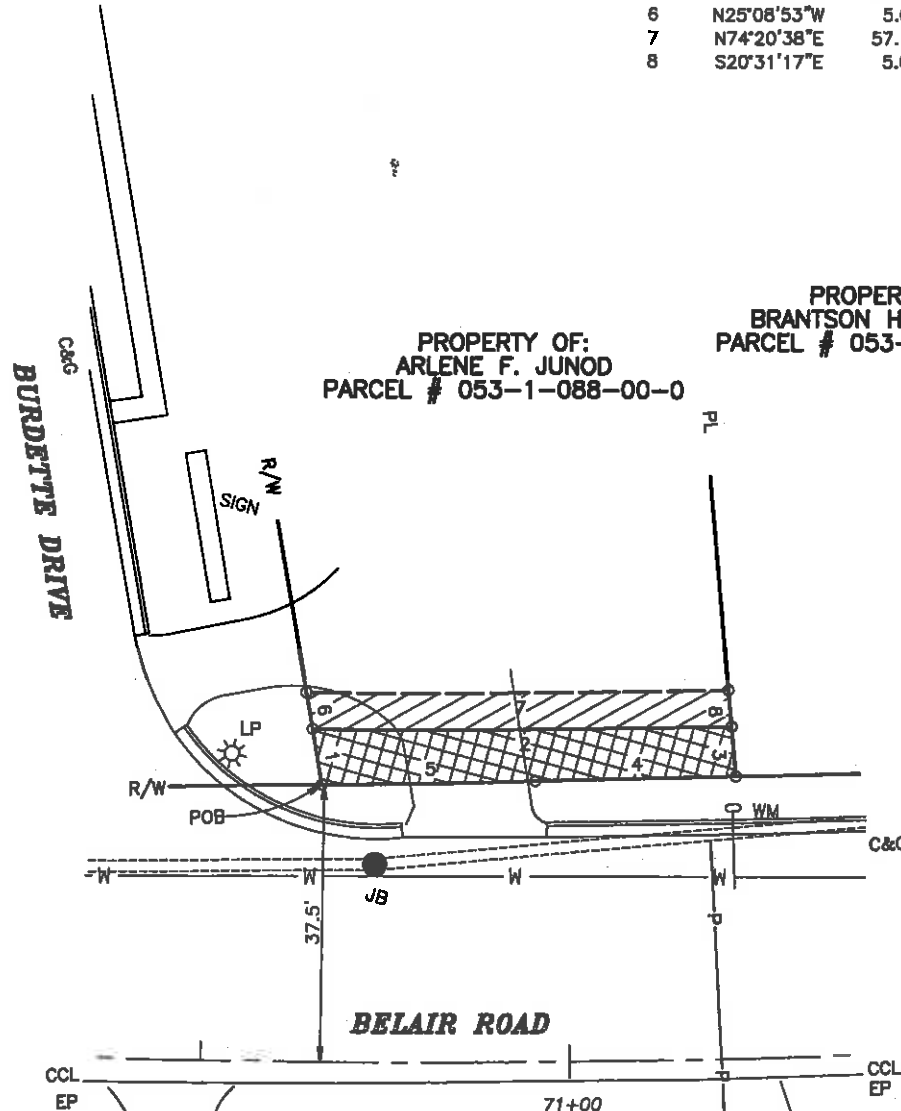


LEGEND

PROPERTY LINE	POB
PERMANENT EASEMENT LINE	TPOB
TEMPORARY EASEMENT LINE	MH
POINT OF BEGINNING	SQ.FT.
TRUE POINT OF BEGINNING	PL
SANITARY MANHOLE	DB: PG.
SQUARE FEET	PB: PG.
PROPERTY LINE	R/W
DEED BOOK, PAGE	IPF
PLAT BOOK, PAGE	CMF
RIGHT OF WAY	EP
IRON PIN FOUND	CLF
CONCRETE MONUMENT FOUND	CCL
EDGE OF PAVEMENT	C&G
CHAIN LINK FENCE	GMD
CONSTRUCTION CENTERLINE	DE
CURB AND GUTTER	-P-
GEORGIA MILITIA DISTRICT	GW
DRAINAGE EASEMENT	PP
POWER LINE	PBX
GUY WIRE	PTP
POWER BOX	TBX
POWER POLE	TP
POWER/TELEPHONE POLE	-W-
TELEPHONE BOX	WM
TELEPHONE POLE	WV
WATER LINE	CMP
WATER METER	RCP
WATER VALVE	
CORRUGATED METAL PIPE	
REINFORCED CONCRETE PIPE	

REQUIRED RIGHT OF WAY

REQUIRED TEMPORARY EASEMENT



REQUIRED RIGHT OF WAY AREA = 400 SQ. FT.
TOTAL EASEMENT AREA = 285 SQ. FT.

ESMT
 DWG NO
73

Item	1	7/19/13	REVISED REQUIRED RIGHT-OF-WAY ADDED TEMPORARY EASEMENT
	#08	DATE	DESCRIPTION
			REVISIONS



BELAIR ROAD IMPROVEMENTS

EXHIBIT FOR
 PROPERTY OF:
 ARLENE F. JUNOD
 PARCEL # 053-1-088-00-0
 LOCATED IN
 GMD 1385,
 CITY OF AUGUSTA,
 RICHMOND COUNTY, GEORGIA

SHEET
1
 OF
1
 11/29/10
 SCALE: 1" = 20'
 FILE# ESMT
 JOB# G201208.BEL
 DRAWN BY REM

Rochester
 & Associates, Inc.
 425 Oak Street N.W. • Gainesville, Georgia 30501
 (770)718.0600 (770)718.9090 Fax • www.rochester-assoc.com



**Engineering Services Committee Meeting
10/7/2013 12:55 PM
Option for Right of Way**

Department: Law

Caption: Motion to approve an Option for the purposes of acquiring a Right-of-Way between Paul Davis, as owner, and Augusta, Georgia, as optionee, in connection with the Marks Church Road Reconstruction Project, 0.010 acre (433.07 sq. ft.) in fee more or less and N/A acre of permanent easement, more or less; and (3,894.79 sq. ft.) of temporary construction easement, more or less, and N/A temporary driveway easement on Project Marks Church Road Reconstruction, from property located at: 2902 Raes Creek Road, private, at the purchase price of \$3,700.00.

Background: The property owner has agreed to convey a certain Right-of-Way and easement to Augusta, Georgia, for the Marks Church Road Project.

Analysis: The purchase of the referenced property is necessary for the project.

Financial Impact: The costs necessary for this purchase will be covered under the project budget.

Alternatives: Deny the Motion

Recommendation: Approve the Motion

Funds are Available in the Following Accounts: 209825201-52.12116 325-041120-52.12116

REVIEWED AND APPROVED BY:

**Finance.
Law.**

Cover Memo

Item # 9

**Administrator.
Clerk of Commission**

AUGUSTA, GEORGIA
OPTION FOR RIGHT-OF-WAY

GEORGIA, RICHMOND COUNTY

Received of Augusta, Georgia, the sum of one (\$1.00) dollar, the receipt whereof is hereby acknowledged, and in consideration of the benefits derived by me from the proposed project mentioned herein, I bind myself, my heirs, executors and assigns as follows:

If the said Augusta, Georgia, shall within 60 days after date hereof, pay me the sum of \$ 3,700.00, then the undersigned agrees to execute and deliver to Augusta, Georgia, fee simple title and easements to the land owned by the undersigned, which is shown reflected in color on the right-of-way map attached hereto and made a part hereof by reference, to be used for highway purposes on the Marks Church Road Reconstruction Project, being Tax Map 041-1, Parcel(s) 148, consisting of 0.010 acre (433.07 sq. ft.) in fee, more or less, and N/A acre of permanent easement, more or less, and 3,894.79 sq. ft. of temporary construction easement, more or less, and N/A temporary driveway easement(s) on project Marks Church Road Reconstruction.

*****SPECIAL PROVISION*****

*Offer includes payment for landscaping

The said parcel of land as above indicated is shown upon plans on file in the office of Augusta Engineering, Augusta, Georgia, said plans being identified as the Marks Church Road Reconstruction Project.

Witness my hand and seal this 23 day of Aug., 2013.

Item
Signed, Sealed and Delivered
in the presence of:

Jim Williams
Unofficial Witness

Wayne Schultz
NOTARY PUBLIC



[Signature] (L.S.)

Paul Davis

____ (L.S.)

____ (L.S.)

Accepted by:
AUGUSTA, GEORGIA

Administrator

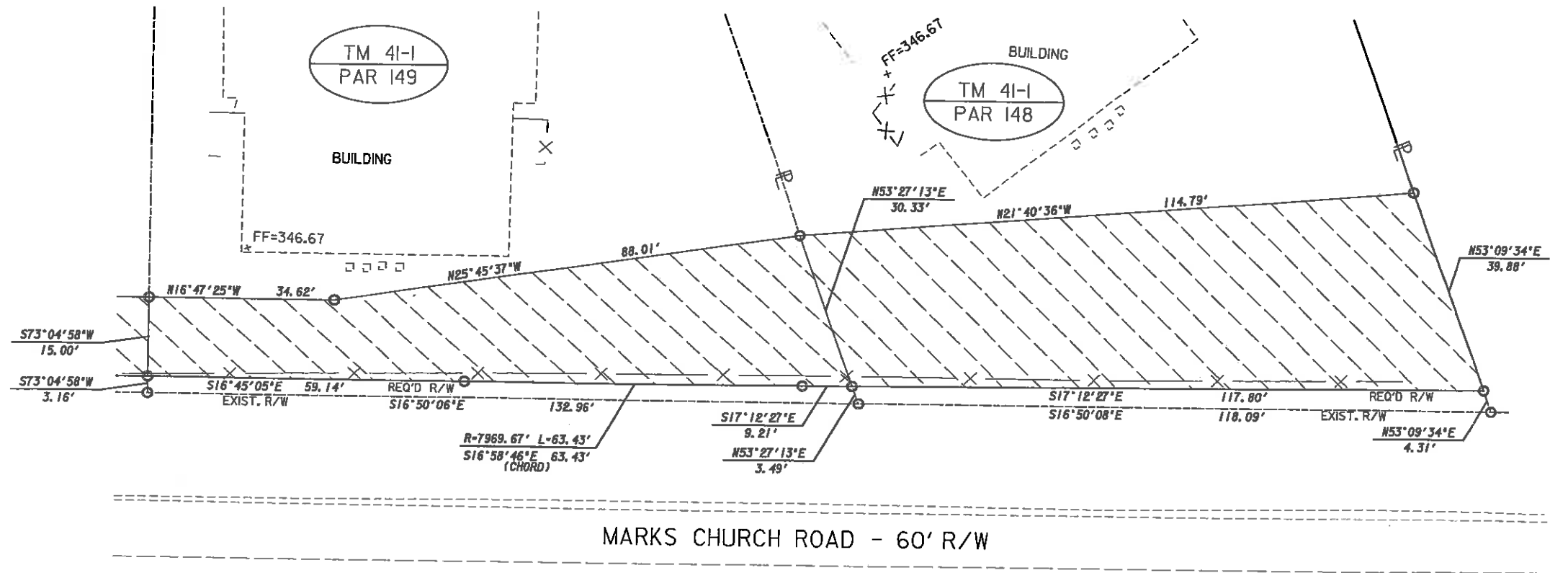
DATE

Tax Map 041-1, Parcel No. 148.

INITIALS

PROPERTIES INFORMATION:

OWNER	TAX MAP	PARCEL	NEW RIGHT-OF-WAY TO BE ACQUIRED	PERM. EASEMENT TO BE ACQUIRED	TEMP. EASEMENT FOR CONSTR. TO BE ACQUIRED	TEMP. EASEMENT FOR DRIVES TO BE ACQUIRED
THOMAS D. KOHLI	4I-I	149	415.32 SQ. FT., 0.010 ACRES	N/A	2,570.74 SQ. FT., 0.059 ACRES	N/A
N/F HSU CHAO HSIN	4I-I	148	433.07 SQ. FT., 0.010 ACRES	N/A	3,894.79 SQ. FT., 0.089 ACRES	N/A



COMPILED RIGHT-OF-WAY MAP FOR
AUGUSTA-RICHMOND COUNTY COMMISSION
 SHOWING PROPERTY LOCATED IN THE 86th G.M.D.
 RICHMOND COUNTY, GEORGIA

SCALE IN FEET

0 20 40 80

1" = 20'

PROPERTY AND EXISTING R/W LINE ——— P ———

EXISTING EASEMENT LINE ———

REQUIRED R/W LINE ———

PERMANENT EASEMENT [Hatched Box]

TEMPORARY EASEMENT FOR CONSTR. [Cross-hatched Box]

TEMPORARY EASEMENT FOR DRIVES [Cross-hatched Box]

NOTE: THIS EASEMENT MAP MAY NOT SHOW ALL EASEMENTS THAT ENCUMBER THIS PROPERTY.

JUNE 21, 2011

REVISION NO.	DESCRIPTION	DATE
1		

W.R. TOOLE ENGINEERS, INC.
 1005 BROAD STREET
 SUITE 200
 AUGUSTA, GA. 30901
 (706) 722-4114





**Engineering Services Committee Meeting
10/7/2013 12:55 PM
Option for Right of Way**

Department: Law

Caption: Motion to approve an Option for the purposes of acquiring a Right-of-Way between John M. Hinnant and Loretta J. Hinnant, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (N/A sq. ft.) in fee, more or less, and (144 sq. ft.) of permanent easement, more or less; and (2,752 sq. ft.) of temporary construction easement, more or less, on Project the Belair Road Improvement, from property located at: 3714 Belair Road, private, at the purchase price of \$484.00.

Background: The property owner has agreed to convey a certain Right-of-Way and easement to Augusta, Georgia, for the Belair Road Improvement Project.

Analysis: The purchase of the referenced property is necessary for the project.

Financial Impact: The costs necessary for this purchase will be covered under the project budget.

Alternatives: Deny the Motion

Recommendation: Approve the Motion

Funds are Available in the Following Accounts: 201823332-52.12122 323-041110-52.12122

REVIEWED AND APPROVED BY:

**Finance.
Law.**

Cover Memo
Item # 10

**Administrator.
Clerk of Commission**

AUGUSTA, GEORGIA
OPTION FOR RIGHT-OF-WAY
AND/OR EASEMENT

GEORGIA, RICHMOND COUNTY

Received of Augusta, Georgia, the sum of one (\$1.00) dollar, the receipt whereof is hereby acknowledged, and in consideration of the benefits derived by me from the proposed project mentioned herein, I bind myself, my heirs, executors and assigns as follows:

If the said Augusta, Georgia, shall within 60 days after date hereof, pay me the sum of \$ 484.00, then the undersigned agrees to execute and deliver to Augusta, Georgia, fee simple title and/or easements to the land owned by the undersigned, which is shown reflected in color on the map attached hereto and made a part hereof by reference, to be used for highway and/or construction and maintenance purposes on the Belair Road Improvement Project, being Tax Map 053, Parcel(s) 039-05, consisting of N/A sq. ft. in fee, more or less, and 144 sq. ft. of permanent easement, more or less, and 2,752 sq. ft. of temporary construction easement, more or less, on project the Belair Road Improvement.

*****SPECIAL PROVISION*****

The said parcel of land as above indicated is shown upon plans on file in the office of Augusta Engineering, Augusta, Georgia, said plans being identified as the Belair Road Improvement Project.

Witness my hand and seal this 10th day of September, 2013.

Signed, Sealed and Delivered
in the presence of:

Unofficial Witness

Nancy Starr
NOTARY PUBLIC

Unofficial Witness

John M. Hinnant (L.S.)

Loretta J. Hinnant (L.S.)

_____(L.S.)

Accepted by:
AUGUSTA, GEORGIA

Administrator

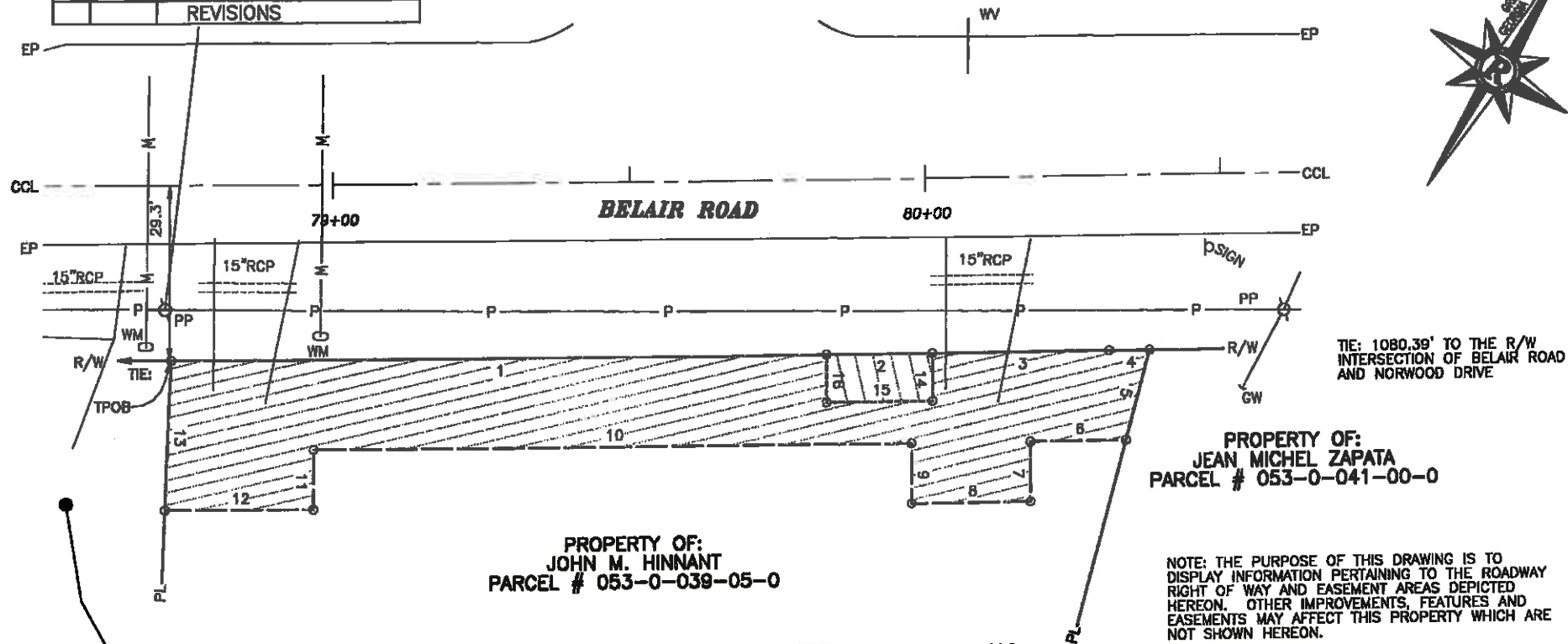
DATE

Tax Map 053, Parcel No. 039-05.

INITIALS _____

1	9/05/13	ADDED DRIVEWAY
1	7/19/13	REVISED TEMPORARY EASEMENT
NO.	DATE	DESCRIPTION
REVISIONS		

TOTAL PERMANENT EASEMENT AREA = 144 SQ. FT.
TOTAL TEMPORARY EASEMENT AREA = 2752 SQ. FT.



PROPERTY OF:
GEORGE C. JOHNSON
PARCEL # 053-0-039-02-0

PROPERTY OF:
JOHN M. HINNANT
PARCEL # 053-0-039-05-0

PROPERTY OF:
JEAN MICHEL ZAPATA
PARCEL # 053-0-041-00-0

NOTE: THE PURPOSE OF THIS DRAWING IS TO
DISPLAY INFORMATION PERTAINING TO THE ROADWAY
RIGHT OF WAY AND EASEMENT AREAS DEPICTED
HEREON. OTHER IMPROVEMENTS, FEATURES AND
EASEMENTS MAY AFFECT THIS PROPERTY WHICH ARE
NOT SHOWN HEREON.

LEGEND

PROPERTY LINE
PERMANENT EASEMENT LINE
TEMPORARY EASEMENT LINE
POINT OF BEGINNING
TRUE POINT OF BEGINNING
SANITARY MANHOLE
SQUARE FEET
PROPERTY LINE
DEED BOOK, PAGE
PLAT BOOK, PAGE
RIGHT OF WAY
IRON PIN FOUND
CONCRETE MONUMENT FOUND
EDGE OF PAVEMENT
CHAIN LINK FENCE
CONSTRUCTION CENTERLINE

POB
TPOB
MH
SQ.FT.
PL
DB: PG.
PB: PG.
R/W
IPF
CMF
EP
CLF
CCL

CURB AND GUTTER
GEORGIA MILITIA DISTRICT
DRAINAGE EASEMENT
POWER LINE
GUY WIRE
POWER BOX
POWER POLE
POWER/TELEPHONE POLE
TELEPHONE BOX
TELEPHONE POLE
WATER LINE
WATER METER
WATER VALVE
CORRUGATED METAL PIPE
REINFORCED CONCRETE PIPE

REQUIRED RIGHT OF WAY
REQUIRED TEMPORARY EASEMENT
REQUIRED PERMANENT EASEMENT

C&G
GMD
DE
-P-
GW
PP
PBX
PTP
TBX
TP
-W-
WM
WV
CMP
RCP

#	CHORD BEARING	CHORD	ARC	RADIUS
1	N57°42'18"E	110.33'		
2	N57°42'18"E	18.00'		
3	N57°42'18"E	29.74'		
4	N57°44'22"E	6.88'	6.88'	5689.58'
5	S17°05'19"E	15.54'		
6	S57°42'18"W	16.14'		
7	S32°17'42"E	10.00'		
8	S57°42'18"W	20.00'		
9	N32°17'42"W	10.00'		
10	S57°42'18"W	100.73'		
11	S32°17'42"E	10.00'		
12	S57°42'18"W	25.00'		
13	N29°59'32"W	25.01'		
14	S32°17'42"E	8.00'		
15	S57°42'18"W	18.00'		
16	N32°17'42"W	8.00'		



ESMT
DWG NO

106

EXHIBIT FOR
BELAIR ROAD IMPROVEMENTS

PROPERTY OF:
JOHN M. HINNANT
PARCEL # 053-0-039-05-0

LOCATED IN
CITY OF AUGUSTA
RICHMOND COUNTY, GEORGIA

SHEET
OF
1
1

11/29/10
SCALE: 1" = 20'
FILED ESMT
JOB# G201208.BEL
DRAWN BY REM

Rochester
& Associates, Inc.

425 Oak Street N.W. • Gainesville, Georgia 30501
(770)715.0600 (770)715.9080 Fax • www.rochester-assoc.com



**Engineering Services Committee Meeting
10/7/2013 12:55 PM
Option for Right of Way**

Department: Law

Caption: Motion to approve an Option for the purposes of acquiring a Right-of-Way between Virginia Newman, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (N/A sq. ft.) in fee, more or less, and (N/A sq. ft.) of permanent easement, more or less; and (3.002 sq. ft.) of temporary construction easement, more or less, on Project the Belair Road Improvement, from property located at: 3754 Belair Road, private, at the purchase price of \$200.00.

Background: The property owner has agreed to convey a certain Right-of-Way and easement to Augusta, Georgia, for the Belair Road Improvement Project.

Analysis: The purchase of the referenced property is necessary for the project.

Financial Impact: The costs necessary for this purchase will be covered under the project budget.

Alternatives: Deny the Motion

Recommendation: Approve the Motion

Funds are Available in the Following Accounts: 201823332-52.12122 323-041110-52.12122

REVIEWED AND APPROVED BY:

**Finance.
Law.
Administrator.**

Cover Memo
Item # 11

AUGUSTA, GEORGIA
OPTION FOR RIGHT-OF-WAY
AND/OR EASEMENT

GEORGIA, RICHMOND COUNTY

Received of Augusta, Georgia, the sum of one (\$1.00) dollar, the receipt whereof is hereby acknowledged, and in consideration of the benefits derived by me from the proposed project mentioned herein, I bind myself, my heirs, executors and assigns as follows: *u.g.n.*

If the said Augusta, Georgia, shall within 60 days after date hereof, pay me the sum of \$ *2005.00*, then the undersigned agrees to execute and deliver to Augusta, Georgia, fee simple title and/or easements to the land owned by the undersigned, which is shown reflected in color on the map attached hereto and made a part hereof by reference, to be used for highway and/or construction and maintenance purposes on the Belair Road Improvement Project, being Tax Map 053, Parcel(s) 031, consisting of N/A in fee, more or less, and N/A of permanent easement, more or less, and 3,002 sq. ft. of temporary construction easement, more or less, on project the Belair Road Improvement.

*****SPECIAL PROVISION*****

Said \$200.⁰⁰ is payment for trees and shrubs not included in original assessment

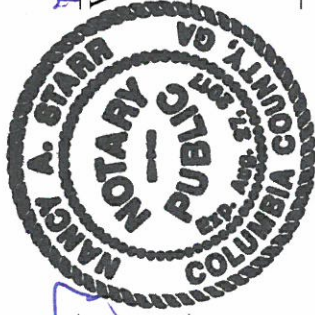
The said parcel of land as above indicated is shown upon plans on file in the office of Augusta Engineering, Augusta, Georgia, said plans being identified as the Belair Road Improvement Project.

Witness my hand and seal this 19th day of September, 2013.

Signed, Sealed and Delivered
in the presence of:

Unofficial Witness

[Signature]
NOTARY PUBLIC



[Signature]
Virginia Newman (L.S.)

(L.S.)

(L.S.)

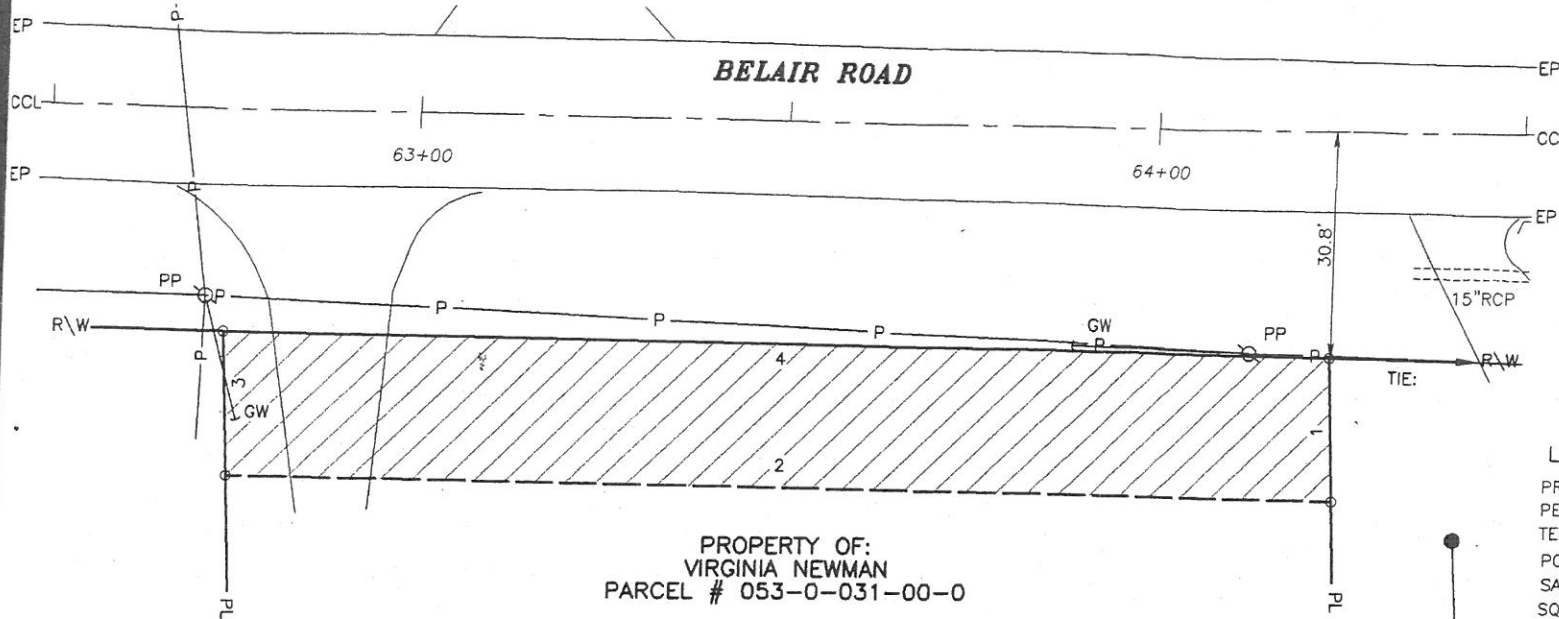
Accepted by:
AUGUSTA, GEORGIA

Administrator

DATE

Tax Map 053, Parcel No. 031.

INITIALS _____



PROPERTY OF:
ALAN D. POMERANCE
PARCEL # 053-0-030-00-0

PROPERTY OF:
VIRGINIA NEWMAN
PARCEL # 053-0-031-00-0

PROPERTY OF:
RICKY STEPHEN NEWMAN
PARCEL # 053-0-032-00-0

#	BEARING	DISTANCE
1	S02°16'57"E	20.03'
2	N88°58'48"W	150.12'
3	N02°16'57"W	20.03'
4	S88°58'48"E	150.12'

LEGEND

PROPERTY LINE
PERMANENT EASEMENT LINE
TEMPORARY EASEMENT LINE
POINT OF BEGINNING
SANITARY MANHOLE
SQUARE FEET
PROPERTY LINE
DEED BOOK, PAGE
PLAT BOOK, PAGE
RIGHT OF WAY
IRON PIN FOUND
CONCRETE MONUMENT FOUND
EDGE OF PAVEMENT
CHAIN LINK FENCE
CONSTRUCTION CENTERLINE
CURB AND GUTTER
GEORGIA MILITIA DISTRICT
DRAINAGE EASEMENT
GUY WIRE
POWER BOX
POWER POLE
POWER/TELEPHONE POLE
TELEPHONE BOX
TELEPHONE POLE

POB
MH
SQ.FT.
PL
DB: PG.
PB: PG.
R/W
IPF
CMF
EP
CLF
CCL
C&G
GMD
DE
GW
PP
PBX
PTP
TBX
TP

REQUIRED RIGHT OF WAY

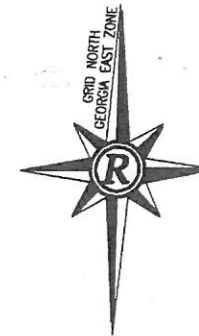
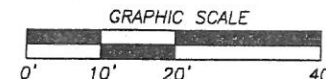


REQUIRED TEMPORARY EASEMENT



TIE: 272.97' TO THE INTERSECTION OF
BELAIR ROAD AND NORWOOD DRIVE.

TOTAL TEMPORARY EASEMENT AREA = 3002 SQ. FT.



ESMT
DWG NO

76

NOTE: THE PURPOSE OF THIS DRAWING IS TO
DISPLAY INFORMATION PERTAINING TO THE ROADWAY
RIGHT OF WAY AND EASEMENT AREAS DEPICTED
HEREON. OTHER IMPROVEMENTS, FEATURES AND
EASEMENTS MAY AFFECT THIS PROPERTY WHICH ARE
NOT SHOWN HEREON.

BELAIR ROAD IMPROVEMENTS

PROPERTY OF:
VIRGINIA NEWMAN
PARCEL # 053-0-031-00-0
LOCATED IN
GND 1385
CITY OF AUGUSTA,
RICHMOND COUNTY, GEORGIA

SHEET
1

OF
1
11/29/10
SCALE: 1" = 20'
FILE# ESMT
JOB# G201208.BEL
DRAWN BY REM

Rochester
& Associates, Inc.

425 Oak Street N.W. • Gainesville, Georgia 30501
(770)718.0600 (770)718.9090 Fax • www.rochester-assoc.com



**Engineering Services Committee Meeting
10/7/2013 12:55 PM
Option for Right of Way**

Department: Law

Caption: Motion to approve an Option for the purposes of acquiring a Right-of-Way between Tasha M. Mohler and Thaddeaus M. Mohler, as owner, and Augusta, Georgia, as optionee, in connection with the Belair Road Improvement Project, consisting of (412 sq. ft.) in fee, more or less, and (N/A sq. ft.) of permanent easement, more or less; and (250 sq. ft.) of temporary construction easement, more or less, on Project the Belair Road Improvement, from property located at: 3729 Belair Road, private, at the purchase price of \$1,311.00.

Background: The property owner has agreed to convey a certain Right-of-Way and easement to Augusta, Georgia, for the Belair Road Improvement Project.

Analysis: The purchase of the referenced property is necessary for the project.

Financial Impact: The costs necessary for this purchase will be covered under the project budget.

Alternatives: Deny the Motion

Recommendation: Approve the Motion

Funds are Available in the Following Accounts: 201823332-52.12122 323-041110-52.12122

REVIEWED AND APPROVED BY:

**Finance.
Law.**

Cover Memo
Item # 12

**Administrator.
Clerk of Commission**

AUGUSTA, GEORGIA
OPTION FOR RIGHT-OF-WAY
AND/OR EASEMENT

GEORGIA, RICHMOND COUNTY

Received of Augusta, Georgia, the sum of one (\$1.00) dollar, the receipt whereof is hereby acknowledged, and in consideration of the benefits derived by me from the proposed project mentioned herein, I bind myself, my heirs, executors and assigns as follows:

If the said Augusta, Georgia, shall within 60 days after date hereof, pay me the sum of \$ 1,311.00, then the undersigned agrees to execute and deliver to Augusta, Georgia, fee simple title and/or easements to the land owned by the undersigned, which is shown reflected in color on the map attached hereto and made a part hereof by reference, to be used for highway and/or construction and maintenance purposes on the Belair Road Improvement Project, being Tax Map 053-1, Parcel(s) 085, consisting of 412 sq. ft. in fee, more or less, and N/A sq. ft. of permanent easement, more or less, and 250 sq. ft. of temporary construction easement, more or less, on project the Belair Road Improvement.

*****SPECIAL PROVISION*****

The said parcel of land as above indicated is shown upon plans on file in the office of Augusta Engineering, Augusta, Georgia, said plans being identified as the Belair Road Improvement Project.

em # 12 Witness my hand and seal this 18th day of September 20 13.

Signed, Sealed and Delivered
in the presence of:

Unofficial Witness

Nancy J. Starr
NOTARY PUBLIC

Tasha M. Mohler (L.S.)

Thaddeus M. Mohler (L.S.)

____ (L.S.)

Accepted by:
AUGUSTA, GEORGIA

Administrator

DATE

Tax Map 053-1, Parcel No. 085.

INITIALS



NOTE: THE PURPOSE OF THIS DRAWING IS TO
 DISPLAY INFORMATION PERTAINING TO THE ROADWAY
 RIGHT OF WAY AND EASEMENT AREAS DEPICTED
 HEREON. OTHER IMPROVEMENTS, FEATURES AND
 EASEMENTS MAY AFFECT THIS PROPERTY WHICH ARE
 NOT SHOWN HEREON.

#	CHORD BEARING	CHORD	ARC	RADIUS
1	N20°31'17"W	7.95'		
2	N69°09'57"E	50.00'	50.00'	1705.00'
3	S20°31'17"E	8.54'		
4	S89°50'32"W	50.00'	50.00'	1660.01'
5	N20°31'17"W	5.00'		
6	N69°09'54"E	50.00'	50.00'	1700.00'
7	S20°31'17"E	5.00'		



LEGEND

PROPERTY LINE
 PERMANENT EASEMENT LINE
 TEMPORARY EASEMENT LINE
 POINT OF BEGINNING
 TRUE POINT OF BEGINNING
 SANITARY MANHOLE
 SQUARE FEET
 PROPERTY LINE
 DEED BOOK, PAGE
 PLAT BOOK, PAGE
 RIGHT OF WAY
 IRON PIN FOUND
 CONCRETE MONUMENT FOUND
 EDGE OF PAVEMENT
 CHAIN LINK FENCE
 CONSTRUCTION CENTERLINE
 CURB AND GUTTER
 GEORGIA MILITIA DISTRICT
 DRAINAGE EASEMENT
 POWER LINE
 GUY WIRE
 POWER BOX
 POWER POLE
 POWER/TELEPHONE POLE
 TELEPHONE BOX
 TELEPHONE POLE
 WATER LINE
 WATER METER
 WATER VALVE
 CORRUGATED METAL PIPE
 REINFORCED CONCRETE PIPE

POB
 TPOB
 MH
 SQ.FT.
 PL
 DB: PG.
 PB: PG.
 R/W
 IPF
 CMF
 EP
 CLF
 CCL
 C&G
 GMD
 DE
 -P-
 GW
 PP
 PBX
 PTP
 TBX
 TP
 -W-
 WM
 WV
 CMP
 RCP

REQUIRED RIGHT OF WAY

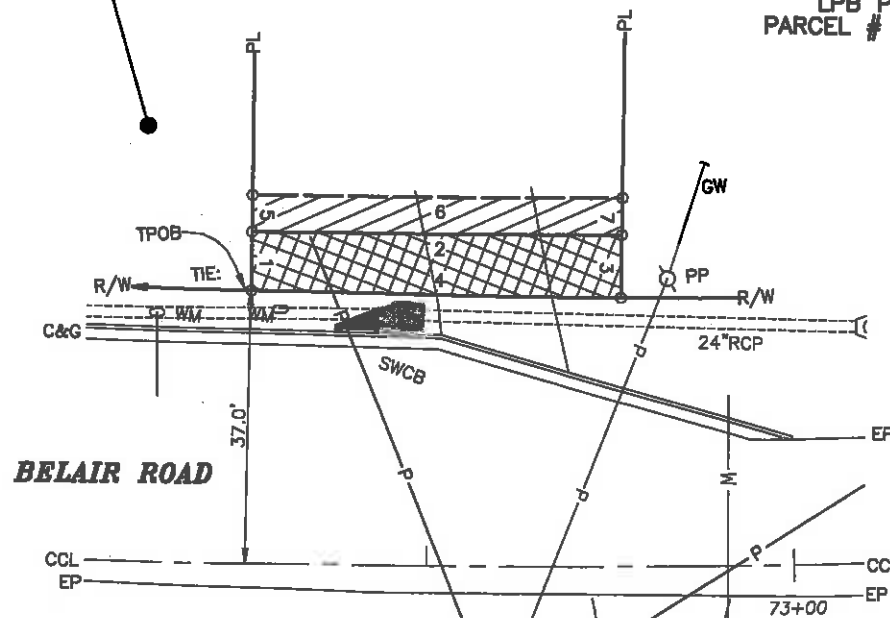
REQUIRED TEMPORARY EASEMENT



PROPERTY OF:
 ROBERT JONES
 PARCEL # 053-1-086-00-0

PROPERTY OF:
 TASHA M. MOHLER
 PARCEL # 053-1-085-00-0

PROPERTY OF:
 LPB PROPERTIES INC
 PARCEL # 053-0-002-02-0



TIE: 156.20' TO THE R/W
 INTERSECTION OF BELAIR ROAD
 AND BURDETTE DRIVE

ESMT
 DWG NO

79

REQUIRED RIGHT OF WAY AREA = 412 SQ. FT.

TOTAL EASEMENT AREA = 250 SQ. FT.

1	7/19/13	REVISED REQUIRED RIGHT-OF-WAY ADDED TEMPORARY EASEMENT
NO.	DATE	DESCRIPTION
REVISIONS		

Item # 12

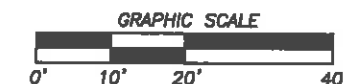


EXHIBIT FOR BELAIR ROAD IMPROVEMENTS

PROPERTY OF:
 TASHA M. MOHLER
 PARCEL # 053-1-085-00-0
 LOCATED IN
 GMD 1385
 CITY OF AUGUSTA
 RICHMOND COUNTY, GEORGIA

SHEET	OF	1
1		

11/29/10
 SCALE: 1" = 20'
 FILE# ESMT
 JOB# G201208.BEL
 DRAWN BY REM

Rochester
 & Associates, Inc.
 425 Oak Street N.W. • Gainesville, Georgia 30501
 (770)718-0600 (770)718-9080 Fax • www.rochester-assoc.com



**Engineering Services Committee Meeting
10/7/2013 12:55 PM
Option for Right-of-Way**

Department: Law

Caption: Motion to approve an Option for the purposes of acquiring a Right-of-Way between Clyde Hill, Sr., and C. Louise Hill, as owner(s), and Augusta, Georgia, as optionee, in connection with the Marks Church Road Reconstruction Project, (50 sq. ft.) in fee more or less and N/A acre of permanent easement, more or less; and (558.57 sq. ft.) of temporary construction easement, more or less, and one temporary driveway easement on Project Marks Church Road Reconstruction, from property located at: 3658 Jamaica Drive, private, at the purchase price of \$450.00 and authorize the Mayor to execute, at the direction of the Augusta Law Department document necessary for closing.

Background: The property owner has agreed to convey a certain Right-of-Way and easement to Augusta, Georgia, for the Marks Church Road Project.

Analysis: The purchase of the referenced property is necessary for the project.

Financial Impact: The costs necessary for this purchase will be covered under the project budget.

Alternatives: Deny the Motion

Recommendation: Approve the Motion

**Funds are Available
in the Following
Accounts:** 209825201-52.12116 325-041120-52.12116

REVIEWED AND APPROVED BY:

Cover Memo

Item # 13

Finance.
Law.
Administrator.
Clerk of Commission

AUGUSTA, GEORGIA
OPTION FOR RIGHT-OF-WAY

GEORGIA, RICHMOND COUNTY

Received of Augusta, Georgia, the sum of one (\$1.00) dollar, the receipt whereof is hereby acknowledged, and in consideration of the benefits derived by me from the proposed project mentioned herein, I bind myself, my heirs, executors and assigns as follows:

If the said Augusta, Georgia, shall within 60 days after date hereof, pay me the sum of \$ 450.00, then the undersigned agrees to execute and deliver to Augusta, Georgia, fee simple title and easements to the land owned by the undersigned, which is shown reflected in color on the right-of-way map attached hereto and made a part hereof by reference, to be used for highway purposes on the Marks Church Road Reconstruction Project, being Tax Map 031-3, Parcel(s) 139, consisting of 50 sq. ft. in fee, more or less, and N/A of permanent easement, more or less, and 558.57 sq. ft. of temporary construction easement, more or less, and One temporary driveway easement(s) on project Marks Church Road Reconstruction.

*****SPECIAL PROVISION*****

*Offer includes payment for landscaping

The said parcel of land as above indicated is shown upon plans on file in the office of Augusta Engineering, Augusta, Georgia, said plans being identified as the Marks Church Road Reconstruction Project.

Witness my hand and seal this 17 day of Sept, 20 13.

Signed, Sealed and Delivered
in the presence of:

Unofficial Witness

Nancy A. Schultz
NOTARY PUBLIC



Theresa Hill, Sr. (L.S.)
Clyde Hill Sr.

Corinne Hill (L.S.)
C. Louise Hill

(L.S.)

Accepted by:
AUGUSTA, GEORGIA

Administrator

DATE

Tax Map 031-3, Parcel No. 139.

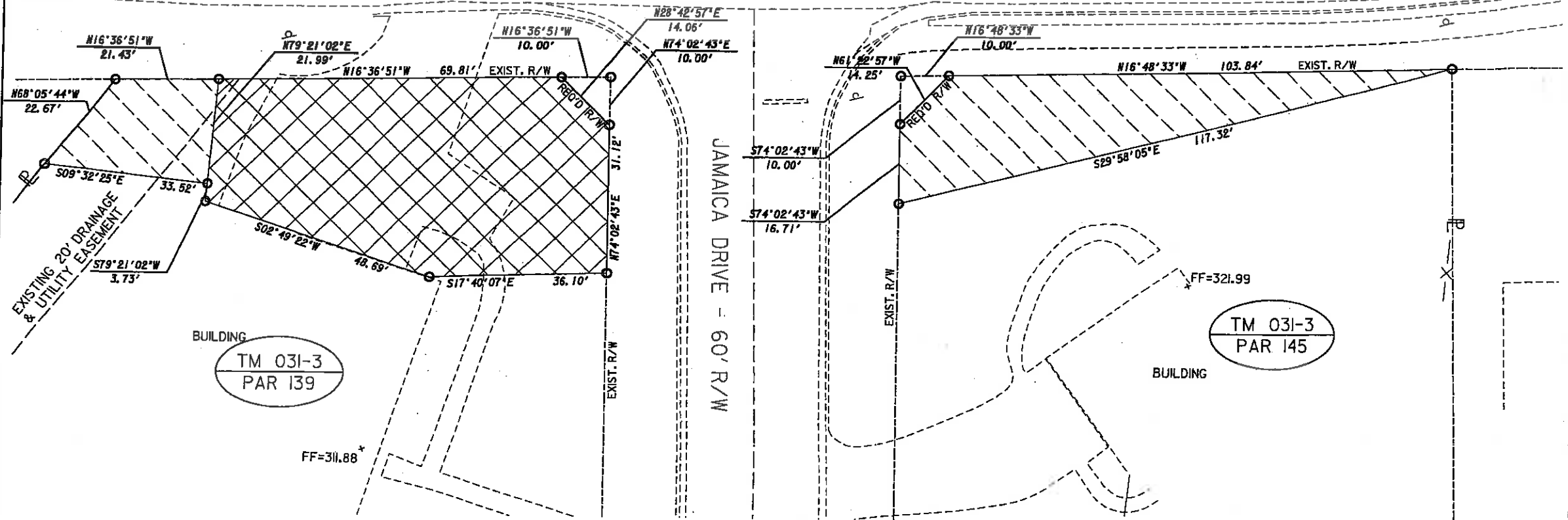
INITIALS _____

PROPERTIES INFORMATION:

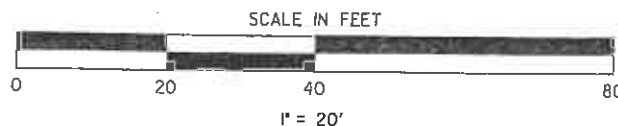
OWNER	TAX MAP	PARCEL	NEW RIGHT-OF-WAY TO BE ACQUIRED	PERM. EASEMENT TO BE ACQUIRED	TEMP. EASEMENT FOR CONSTR. TO BE ACQUIRED	TEMP. EASEMENT FOR DRIVES TO BE ACQUIRED
CLYDE HILL SR.	031-3	139	50.00 SQ. FT., 0.001 ACRES	N/A	558.57 SQ. FT., 0.013 ACRES	2,968.04 SQ. FT., 0.068 ACRES
GLENDY Y. KENDRICK	031-3	145	50.01 SQ. FT., 0.001 ACRES	N/A	1,470.24 SQ. FT., 0.034 ACRES	N/A

GA. EAST GRID
NAD 83 (2011)

MARKS CHURCH ROAD - 60' R/W



- COMPILED RIGHT-OF-WAY MAP FOR -
AUGUSTA-RICHMOND COUNTY COMMISSION
SHOWING PROPERTY LOCATED IN THE 86th G.M.D.
RICHMOND COUNTY, GEORGIA



PROPERTY AND EXISTING R/W LINE	— P —
EXISTING EASEMENT LINE	— — —
REQUIRED R/W LINE	— — —
PERMANENT EASEMENT	▨
TEMPORARY EASEMENT FOR CONSTR	▧
TEMPORARY EASEMENT FOR DRIVES	▩

NOTE: THIS EASEMENT MAP MAY NOT SHOW ALL
EASEMENTS THAT ENCUMBER THIS PROPERTY.

JUNE 21, 2011

REVISION NO.	DESCRIPTION	DATE
—	—	—



W.R. TOOLE ENGINEERS, INC.
1005 BROAD STREET
SUITE 200
AUGUSTA, GA. 30901
(706) 722-4114





Engineering Services Committee Meeting
10/7/2013 12:55 PM
Option for Right-of-Way Kennedy

Department: Law

Caption: Motion to approve an Option for the purposes of acquiring a Right-of-Way between The Estate of Ralph S. Kennedy, the Ralph S. Kennedy Trust B, and the Ralph S. Kennedy Trust C, as owner (s), and Augusta, Georgia, as optionee, in connection with the Augusta Signal and Lighting Upgrades (Walton Way) Project, 0.004 acre (165.60 sq. ft.) more or less in fee simple and N/A sq. ft. of permanent easement, more or less; and (N/A sq. ft.) of temporary construction easement, more or less, from property located at: 1101 Walton Way, private, at the purchase price of \$662.00 and authorize the Mayor to execute, at the direction of the Augusta Law Department document necessary for closing.

Background: The property owner has agreed to convey a certain Right-of-Way and easement to Augusta, Georgia, for the Augusta Signal and Lighting Upgrades (Walton Way) Project

Analysis: The purchase of the referenced property is necessary for the project.

Financial Impact: The costs necessary for this purchase will be covered under the project budget.

Alternatives: Deny the Motion

Recommendation: Approve the Motion

Funds are Available in the Following Accounts: FUNDS AVAILABLE IN THE FOLLOWING ACCOUNT(S)
324041110-52.12116 201824110-52.12116

REVIEWED AND APPROVED BY:

Cover Memo

Item # 14

Finance.
Law.
Administrator.
Clerk of Commission

AUGUSTA, GEORGIA
OPTION FOR RIGHT-OF-WAY
AND/OR EASEMENT

GEORGIA, RICHMOND COUNTY

Received of Augusta, Georgia, the sum of one (\$1.00) dollar, the receipt whereof is hereby acknowledged, and in consideration of the benefits derived by me from the proposed project mentioned herein, I bind myself, my heirs, executors and assigns as follows:

If the said Augusta, Georgia, shall within 60 days after date hereof, pay me the sum of \$ 662.00, then the undersigned agrees to execute and deliver to Augusta, Georgia, fee simple title and/or easements to the land owned by the undersigned, which is shown reflected in color on the map attached hereto and made a part hereof by reference, to be used for highway and/or construction and maintenance purposes on the Augusta Signal and Lighting Upgrades (Walton Way) Project, being Project Parcel 2, Tax Map 046-2, Parcel(s) 206, consisting of 0.004 acre (165.60 sq. ft.) in fee, more or less, and N/A sq. ft. of permanent easement, more or less, and N/A sq. ft. of temporary construction easement, more or less, on project Augusta Signal and Lighting Upgrades (Walton Way).

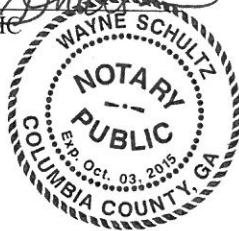
*****SPECIAL PROVISION*****

The said parcel of land as above indicated is shown upon plans on file in the office of Augusta Engineering, Augusta, Georgia, said plans being identified as the Augusta Signal and Lighting Upgrades (Walton Way) Project.

Witness my hand and seal this 19th day of MARCH, 20 13.

Signed, Sealed and Delivered
in the presence of:

Jim Williams
Unofficial Witness
Wayne Schultz
NOTARY PUBLIC



Martha S. Kennedy (L.S.)
(Martha S. Kennedy, as Trustee)

(L.S.)

(L.S.)

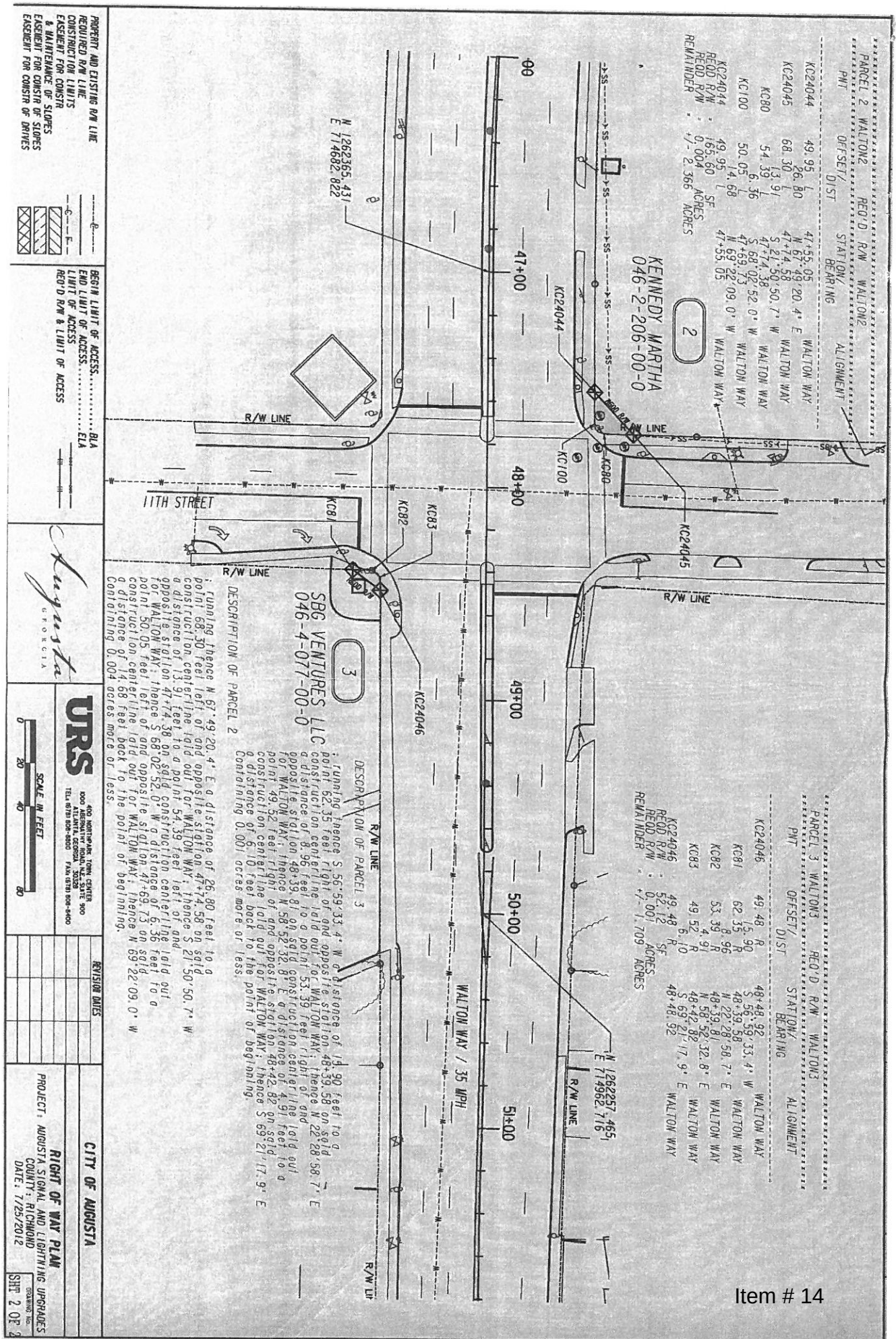
Accepted by:
AUGUSTA, GEORGIA

Administrator

DATE

Project Parcel 2
Tax Map 046-2, Parcel No. 206.

INITIALS _____ Item # 14





Engineering Services Committee Meeting
10/7/2013 12:55 PM
Stormwater Utility Fee Implementation (Bid # 13-160)

Department: Abie L. Ladson, PE, CPESC, Director of Engineering

Caption: Award Consultant Services Agreement to AMEC, Inc. in the amount of \$484,452.54 for the Stormwater Utility Fee Implementation Project CPB 328-041110-211828002 to be funded through SPLOST VI as requested by AED.

Background: Currently, the Stormwater Management program is funded through the General Fund and Special Local Option Sales Tax (SPLOST) budgets, and is experiencing funding issues to help comply with both State and Federal Guidelines. The City of Augusta came under the required regulations of the National Pollutant Discharge Elimination System (NPDES) Stormwater Phase I permit in 1992. The permit required the municipality to develop a Stormwater Management Plan with goals that included reducing pollutants discharged to waters of the state to the maximum extent practicable. The City has implemented most of the permitting requirements, but lacks the necessary funding mechanism to maintain the program. City funding is also minimal for maintaining the existing aged stormwater structures, implementing Capital Improvement Projects (CIPs), and implementing long-term watershed based planning. To supplement the existing General and SPLOST budgets, the City of Augusta Commission has approved the necessary steps to implement a stormwater utility program for the City of Augusta (consolidated government). The Stormwater Utility Fee Implementation Project is a project that is approved and funded through SPLOST VI.

Analysis: Firms were evaluated based on qualifications, project approach, experience, and schedule on July 11, 2013. The following firms submitted RFQs and were evaluated: 1. AMEC, Inc. 2. Tetra Tech, Inc. 3. Ecological Planning Group 4. Raftelis Financial 5 URS Corporation 6. MWH Americas 7. Jacobs AMEC, Inc. was selected based on the evaluation procedures used for this project

Financial Impact: Funds in the amount of \$484,452.54 are available in account number 328-041110-5212115/211828002-5212115.

Cover Memo

Alternatives: Option 1. Award Consultant Services Agreement to AMEC, Inc. in the amount of \$484,452.54 for the Stormwater Utility Fee Implementation Project CPB 328-041110-211828002 to be funded through SPLOST VI as requested by AED. Option 2. Do not approve and cancel the project.

Recommendation: Approve caption one.

**Funds are Available
in the Following
Accounts:** 328-041110-5212115/211828002-5212115

REVIEWED AND APPROVED BY:

**Finance.
Procurement.
Law.
Administrator.
Clerk of Commission**

Please do not process this document. Once approved by the Commission the original will be sent to the Clerk of Commission for execution. For information reference this request, contact Engineering at ext 5070. Thanks

Augusta-Richmond County, Georgia

CPB#328-041110-211828002

**CAPITAL PROJECT BUDGET
STORMWATER UTILITY FEE IMPLEMENTATION
BID #13-160**

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County, Georgia that the following Capital Project Budget is hereby adopted:

Section 1: This project is authorized to CPB#328-041110-211828002 to award Consultant Services Agreement to AMEC, Inc in the amount of \$484,452.54 for the Stormwater Utility Fee Implementation project to be funded through SPLOST VI.

Section 2: The following revenues are anticipated to be available to the Consolidated Government to complete the project.

Special 1% Sales Tax, Phase VI	\$ 500,000
	<u>\$ 500,000</u>

Section 3: The following amounts are appropriated for the project:

By Basin	By District
Varies	\$ 500,000

Section 4: Copies of this Capital Project Budget shall be made available to the Comptroller for direction in carrying out this project.

Adopted this _____ day of _____.

Approved

Honorable Deke Copenhaver, Mayor

Original-Commission Council Office
Copy-Engineering Department
Copy-Finance Department
Copy-Procurement Department

Augusta-Richmond County, Georgia

CPB#328-041110-211828002

**CAPITAL PROJECT BUDGET
STORMWATER UTILITY FEE IMPLEMENTATION
BID #13-160**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT</u> <u>CPB</u>	<u>NEW</u> <u>CPB</u>
SPLOST, PHASE VI 328-041110-211828002	(\$500,000)	(\$500,000)
TOTAL SOURCES:	(\$500,000)	(\$500,000)
 USE OF FUNDS		
ENGINEERING 328-041110-5212115-211828002	\$500,000	\$500,000
TOTAL USES:	\$500,000	\$500,000

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)

PROJECT NUMBER: 328-041110-211828002

SCOPE OF PROJECT

I. OVERALL SCOPE OF PROJECT

AMEC Environment & Infrastructure along with our subconsultants (AMEC) will assist Augusta-Richmond County (Augusta) with the assessment and development of a stormwater utility to meet Augusta's long-term stormwater management program needs. AMEC will also assist Augusta with the development and implementation of their planned stormwater infrastructure inventory and condition assessment data collection study and other aspects related to developing a long-term stormwater management program.

These services were procured by Augusta under RFQ 13-160 with AMEC being the selected firm. The procurement identified 5 stages of work:

1. Information Technology/Stormwater Database
2. Stormwater Legal, and Education and Involvement
3. Create Master Planning List
4. Stormwater Utility Fee Implementation
5. Management of the Information Gathering and Planning

To meet Augusta's goal of establishing a stormwater utility that can begin billing in June 2014, the project approach is broken into three phases of work. Phase 1 includes aspects related to development of the stormwater utility (Stages 2 and 4) as well as the initial planning tasks related to the stormwater infrastructure inventory (pieces of Stages 1 and 3). Phase 2 will include the remainder of the tasks to support the infrastructure inventory and long-term program development (Stages 1, 3, and 5). Timing of these phases will include some overlap where information from one Phase will feed the other Phase.

Since the scope of services potentially required under Phase 2 are currently undefined, AMEC is providing a detailed scope and cost estimate for Phase 1 only. To support Augusta's goal of development the stormwater utility by June 2014, we assume that Augusta will provide comments within 7 business days from receipt of draft reports. Deliverables, outlined in this document, will be provided electronically (Word, Excel, Power Point, etc. as well as .pdf), unless otherwise indicated. Meetings will be scheduled at mutually convenient times.

II. PHASE 1 SCOPE OF SERVICES

Stage 1 – Information Technology/Stormwater Database

AED has subdivided the County into nine major watershed basins and will retain six firms to complete the infrastructure inventory in each (RFQ #13-149). AMEC will assist AED in developing the program and protocols for data collection by these firms as outlined below. One task under Stage 1 is included in this scope of work; the remainder will be outlined in Phase 2.

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)**PROJECT NUMBER: 328-041110-211828002****SCOPE OF PROJECT****Task 1.I Assist with Planned Data Collection**

AMEC will work with AED staff to complete planning and execution of the stormwater data inventory through the following tasks:

Task 1.I-1. Initial In-House Planning Workshop

Planning Workshop (1/2 Day) – AMEC will lead a ½ day workshop with AED staff to develop consensus on the approach and tools that will be used for stormwater data inventory.

- a. Preparation – AMEC will review the draft data model created by AED and prepare suggestions for a workshop with AED staff.
- b. Workshop – Facilitate a ½ day workshop with AED staff to review the existing data model, discuss recommended changes to the existing data model, and present recommendations in terms of completing the data model. The workshop will include the following topics: Data Model, Database Overlaps, Tool Chains, Other Stormwater Database Considerations, Field Data Collection, and QA/QC.
- c. Follow Up – AMEC will provide a summary of decisions made and action items assigned during the workshop.

Deliverables: One ½ day workshop, Workshop Action Items summary

Assumptions: Up to five members from AMEC will attend the meeting in person. AED staff will arrange for a meeting location and invite appropriate Augusta staff. AED will provide all necessary data, databases, documents, reports, and GIS layers needed to prepare for this workshop.

Stage 2 - Stormwater Legal, and Education and Involvement**Community Education and Involvement–Planning****Task 2.I Community Assessment*****Task 2.I-1. Initial In-House Team Meeting(s)***

AMEC will facilitate two meetings with AED staff to discuss and frame the issues and to explore community assessment options and specific targets. The first will be to initiate discussion about the development of a compelling case for a stormwater program (messages) along with the supporting user fee, and to obtain guidance for preliminary preparation of materials. The second will be to identify targets for informal discussions and to initiate the outline of a public involvement strategy and to lay the foundation for the implementation plan.

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)**PROJECT NUMBER: 328-041110-211828002****SCOPE OF PROJECT**

Deliverables: Meeting summaries (2 meetings)

Assumptions: AED staff will secure meeting locations. Up to three AMEC members will attend these meetings.

Task 2.I-2 Informal Discussions

AMEC with AED will hold up to 10 informal discussions about the need and potential support for a stormwater user fee. These discussions may be with civic leaders and leaders of various ratepayer interest groups (e.g. churches, small business, chamber of commerce, military, etc.) and have the additional intent of identifying individuals who would participate in a Stormwater Advisory Team (SWAT). AMEC with AED will develop talking points for these meetings and review the list of planned stakeholders with AED. The discussions will be summarized in a brief memorandum to AED.

Deliverables: Conduct up to 10 informal discussions, brief memorandum

Task 2.II Public Involvement Strategy***Task 2.II-1. Initial In-House Team Meeting***

AMEC will facilitate an in-house team meeting to discuss and frame final details of the strategic plan. This will be the follow-on meeting to the initiation of the strategy plan in Task 2.I-1.

Deliverables: Meeting agenda and summary

Assumptions: AED staff will secure a meeting location. Up to three AMEC Team members will attend this meeting.

Task 2.II-2. Plan Development

AMEC will develop a draft strategic plan based on team input and consideration of objectives, schedule, and various public education and involvement approaches. This plan will outline messages, target groups, materials, schedule, activities, and responsibilities. The final plan will be approved by the in-house team.

Deliverables: Draft and Final Public Involvement Strategic Plan

Assumptions: AMEC will provide AED with 4 copies of the final strategic plan as well as a .pdf file.

Community Education and Involvement - Execution

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)

PROJECT NUMBER: 328-041110-211828002

SCOPE OF PROJECT

Task 2.III Stakeholder Participation

Task 2.III-1. SWAT Member Selection

AMEC will work with AED staff in identification, communication, and selection of a Citizens SWAT. It may be that the Mayor and Commissioner's would appoint members of the SWAT. We recommend a diverse group of approximately 15 people who would be committed to attending all meetings. AMEC will work to develop a preliminary list of members and gain approval of a final list from the Mayor and Commission.

AMEC Team members will draft communication information and contact potential members, ascertain interest, and then issue a formal invitation on behalf of the Mayor and Commission.

Task 2.III-2. SWAT Meetings

AMEC will guide the SWAT through a series of three meetings in order to gain additional support and guidance on development of a stormwater user fee. AMEC will be responsible for all communication, read ahead and hand out materials, meeting summaries, presentation, refreshments, meeting administration and meeting facilitation. The City will be responsible for logistics pertaining to the location.

The meeting topics are preliminarily scheduled to be:

1. Current stormwater program and stormwater challenges, issues, and goals
2. Stormwater program priorities and costs and future stormwater program
3. Basic structure of a stormwater utility and key user fee characteristics

Deliverables: Plan, design, and facilitate the three SWAT meetings. Provide meeting summaries and a final report.

Assumptions: AED staff will secure meeting location. Up to three AMEC Team members will attend each meeting. Printed materials will be provided for up to 20 attendees per meeting.

Optional: Additional meetings can be added to the scope of work at a rate of \$7,500 per meeting.

Task 2.IV Town Hall and Neighborhood Meetings and Presentations

AMEC will support AED in conducting up to ten (10) town hall and/or neighborhood meetings to present plans for the stormwater utility, gather input in terms of stormwater problems, and answer questions. In addition, AMEC will provide AED staff with a Powerpoint® presentation

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)

PROJECT NUMBER: 328-041110-211828002

SCOPE OF PROJECT

that they may be used at additional presentations or meetings. These meetings are expected to include one meeting in each Commission District and one meeting in each Super District.

Deliverables: Powerpoint® presentation, attendance at ten meetings, meeting summaries.

Assumptions: AED staff will assist in identifying the ten meetings that it is most critical for AMEC Team members to attend. Additional presentation requests would be handled by AED staff. Information critical to development of the CIP list or the stormwater utility would be provided to AMEC. No printed materials are planned to be provided for these meetings.

Optional: Additional meetings can be added to the scope of work at a rate of \$2,500 per meeting.

Task 2.V Disseminate Informational Materials and Provide Information for the Stormwater Website

AMEC will develop in two drafts and final:

- A brochure
- A FAQ sheet suitable for dissemination or web placement
- A white paper suitable for media background use
- Web material on the utility suitable for placement by the City's IT staff
- A mailer suitable to insert in the stormwater bill either as a pre-billing dry run or as an insert with the first bill

This effort also includes creation of a “brand” that will be used for future stormwater utility communications and information pieces. AMEC will develop up to three brand concepts, with Augusta selecting one of the three for use on the project. AMEC graphics staff will also create a template in MSWord® that will be used for any memorandums developed as part of the project.

Deliverables: Three “brands” for the stormwater utility, memo template consistent with the selected brand, and the graphical pieces,

Assumptions: AED will select one of the three brands with little additional customization required. The brand will be developed using graphics software and delivered electronically in a mutually agreeable format (i.e., .pdf, .tif, .jpg). Printing of these informational materials is not included in this scope of work.

Task 2.VI Assist in Media Interaction and Media Campaign

AMEC will draft up to five press releases coinciding with the SWAT meetings and other project milestones for Augusta to provide to local media. The focus of these press releases will be

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)

PROJECT NUMBER: 328-041110-211828002

SCOPE OF PROJECT

defined as part of the Public Involvement Strategic Plan, but in part may tie into the planned SWAT meetings.

In addition, AMEC will develop up to five additional media stories or press releases that highlight flooding or other stormwater issues or describe the stormwater program and need for the fee. These are slated for release in the three months prior to the first bill.

AMEC will also help to coordinate media coverage of the first billing day that highlights projects that have begun construction. AMEC will also provide up to 80 hours of on-call assistance throughout the last month prior to billing and the first three months of billing to assist customer service in answering questions.

Deliverables: Up to ten press releases/stories and assistance in media coordination and 80 hours of customer service support

Assumptions: The press releases will be sent to appropriate media outlets, as identified by Augusta. On-call customer service assistance will be provided for up to 80 hours at an average \$140/hour rate. This service is planned to be provided remotely.

Stage 3 – Create a Master Planning List

The infrastructure inventory will collect data that AED needs to characterize the condition and capacity of the stormwater infrastructure and determine future funding needed to maintain the system. The master planning list will not be completed within the timeframe to support the stormwater utility development. Thus there is a need to define one task under Stage 3 which will provide quick estimates of capital needs to make key cost and revenue decisions in support of the stormwater user fee. The remainder of this task will be outlined in the Phase 2 Scope of Work.

Task 3.I Preliminary Capital Improvement Needs Assessment and Master Planning

AMEC will meet with AED staff to determine the best approach for collecting the data needed to support the development of the stormwater utility.

Prior to this meeting, AED staff will provide AMEC with available information related to known stormwater capital construction needs. This information may include complaint data, past master-planning information, previously-collected infrastructure inventory data, and system-needs information acquired by the staff in other ways. AMEC will evaluate this data and identify gaps or additional data needs.

At the meeting, AMEC and AED will evaluate data gaps and best methods for collection of this data in order to develop a representative city-wide estimate of capital construction and remedial maintenance needs.

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)

PROJECT NUMBER: 328-041110-211828002

SCOPE OF PROJECT

AMEC will develop unit cost estimates that will be applied to various kinds of capital and remedial maintenance needs. Unit costs, once approved by Augusta, will be applied to identified capital projects. Unit costs will be based on available national and Georgia unit costs adjusted, as needed, to reflect costs in Augusta. A spreadsheet will be used to calculate costs associated with capital and remedial maintenance needs based on available information.

A report on capital and remedial maintenance needs assessment will be developed in draft and final.

Deliverables: Data gaps meeting, memo presenting unit costs for capital and remedial projects, Capital and Remedial Maintenance Needs Report (draft and final), and extrapolation spreadsheets.

Assumptions: Up to three members from AMEC will attend the meeting in person. AED staff will arrange for a meeting location and invite appropriate Augusta staff. AED will provide all necessary data, databases, documents, reports, and GIS layers needed to prepare for this workshop. No data collection is scoped as part of this task. AMEC will provide AED with 4 copies of the final needs assessment as well as a .pdf file.

Stage 4 - Stormwater Utility Fee Implementation

AMEC will work with staff in implementation of the stormwater user fee which may include other Augusta departments such as IT, Finance, Augusta Utilities Department (AUD), and Environmental Services. Efforts will follow along four inter-related “tracks” of activity: public, finance, program and data. Activities and tasks in the public track were previously covered. The other three-track scope items are covered below.

Task 4.I Funding Track

Task 4.I-1. Funding Policy

Initially, the AMEC Team will meet twice with staff to review Augusta’s existing financial policies and any current thinking in development of financial policies for the user fee. In this meeting we will discuss the following key topic areas:

- Basic rate methodology
- Secondary funding methods
- Rate modifiers
- Accounting and budgeting issues such as indirect cost allocation, type of fund, etc.

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)

PROJECT NUMBER: 328-041110-211828002

SCOPE OF PROJECT

AED and AMEC will form a general policy framework and a roadmap and process for orderly and well documented policy resolution.

AMEC will use the existing impervious cover to develop a tiering analysis for single family residential properties and work with staff to develop and basic billing unit, rate and fee structure.

During this meeting, we will guide staff, key leaders, and, as appropriate, stakeholders through key policies assigning them to the appropriate level and order of approvals, defining alternatives, and creating a coherent policy document that will serve as the basis for the stormwater cost of service analysis and rate study.

Each policy will be described in a brief policy memorandum, and the final policy statement will be developed and placed in a policy notebook to insure adequate record keeping of the fee development process.

Deliverables: Two Meetings with AED, Funding policy notebook document in draft and final

Assumptions: Augusta legal staff will review and provide comment on the document. AMEC will provide AED with 2 copies of the final policy notebook as well as a .pdf file.

Task 4.I-2. Rate Structure and Legal Assessment

The Team shall perform a conceptual level of analysis to select a preferred rate methodology. We will examine a range of rate methodology options, modification concepts, and secondary funding methods, and recommend an approach suited to Augusta's needs. A detailed evaluation of preferred concepts will be prepared. One draft and a final report will be provided.

Based on the meeting scoped under 4.I-1, AMEC will identify 3 credit scenarios that could be applied to the Augusta stormwater utility. AMEC will model these scenarios as part of the rate study. The modeling includes identifying the parcels that would be eligible for the credit and estimating the financial impact of these credits on revenues. AMEC and AED will evaluate three scenarios and select the best scenario for inclusion. AMEC will also review the selected rate structure in light of current and past court rulings and seek to position the rate structure to meet standard legal tests to qualify as a legal user fee within the State of Georgia. AMEC can make no certification that the rate and fee will pass a legal challenge but only that it will be configured to do so. AMEC will engage a third-party legal reviewer who will review the rate structure on behalf of Augusta and provide written comments for consideration by the team.

Deliverables: Identify and analyze 3 credit scenarios, Rate Structure Analysis document in draft and final, written comments by the third party legal reviewer

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)

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SCOPE OF PROJECT

Assumptions: Augusta legal staff will review and provide comment on the document. AMEC will provide AED with 4 copies of the final rate structure document as well as a .pdf file.

Task 4.1-3 Perform Rate Study and Cash Flow Analysis

The Team will apply cost-of-service information (see below) to the rate structure. A rate algorithm will be developed to calculate service charges for all properties subject to the initial stormwater service charge and the basic user fee will be calculated. The rate study will also consider how other funding methods might be used both within and outside the umbrella of a stormwater rate ordinance, and what their impact would be on service charge rates and rate design. It will use assumptions and requirements supplied by the City in terms of such factors as bad debt, interest, reserves, indirect cost and billing costs, etc.

The rate study will include a five year detailed cash flow analysis with a less detailed analysis out to ten years.

The rate study will be delivered in both report and spreadsheet format allowing for easy “what if” analysis. Up to three scenarios will be developed for City review and consideration.

The rate study will be formally presented to Commission as requested by City staff.

Deliverables: Rate study spreadsheet, Rate Study Report (first and second draft and final), Presentation to Commission.

Assumptions: The City will provide key rate study data and information based on their current accounting and funding policies and practices. AMEC will provide AED with 4 copies of the final rate study report as well as a .pdf file.

Task 4.1-4 Stormwater Fee Ordinance

AMEC staff will meet with AED and the City Attorney to discuss plans and concerns that may impact the stormwater fee ordinance, how the ordinance fits within Augusta City code, etc. The third party lawyer to the AMEC Team will participate in this meeting.

AMEC staff will draft the stormwater fee ordinance in draft format for city review and review by the third party lawyer on the AMEC Team. After review, AMEC will incorporate comments received to create a final stormwater fee ordinance. Final review of the ordinance will be by AED and City legal staff.

Actual placement of the ordinance into the Code of Ordinances will be a City legal staff function.

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)

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SCOPE OF PROJECT

AMEC will assist AED in presentation of the ordinance to the Commissioners during one work session and at the first reading, as appropriate.

Deliverables: Meeting with the City Attorney, Draft and final ordinance, ordinance presentation assistance at one work session and the first reading

Task 4.1-5 Credit Manual

Based on the credits identified in Task 4.1-2, AMEC will develop a credit manual that supports the credit policy. The manual will include applicable policies, procedures, and forms. It will be produced in one draft and final.

Deliverable: Credit manual draft and final

Assumptions: AMEC will provide AED with 4 copies of the final credit manual as well as a .pdf file.

Task 4.II Program Track

Task 4.II-1 Program Conceptual Business Plan

AMEC will work with City staff in a day-long workshop format with up to three follow up meetings to define: (1) details of the current stormwater program including any available benchmarking information, manpower, etc.; (2) stormwater program issues and needs based on a modified SWOT analysis; (3) stormwater program priorities organized around key goals, objectives, and strategies; and (4) a five-year detailed and ten year overall program strategy for stormwater management in Augusta.

AMEC will discuss previous work in this area to ascertain its current applicability. Strategy will include overall mission and more detailed objective statements for each key stormwater service component concerning desired outcomes or outputs.

Deliverables: Workshop, up to 3 meetings, Stormwater Program Conceptual Business Plan in two drafts and final

Assumptions: Additional meetings will be timed with other scoped meetings and/or presentations. AMEC will provide AED with 4 copies of the final Stormwater Program Conceptual Business Plan as well as a .pdf file.

Task 4.II-2 Program Cost of Service Analysis

The Consultant shall develop detailed estimates for operating and capital costs of stormwater services and facilities for the initial five years of the funding period of the rate study and less than detailed for an additional five-year period. The operating costs

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)**PROJECT NUMBER: 328-041110-211828002****SCOPE OF PROJECT**

will be based on policy, program and staffing decisions made by City staff. Capital cost estimates will be derived from capital cost projections contained in Task 3.1.

The Consultant will work together with City staff to evaluate and refine current organizational and staffing concepts. Future organization and staffing will be projected consistent with stormwater program and utility funding policy decisions. Alternative means of meeting the immediate work demands implied by the strategy, organizational, and management approaches will be identified. Estimates will be prepared of staffing and outside contracting levels required to attain the program objectives.

The mix of operational and capital improvement elements and types of costs to be incurred will be projected, and the critical steps in achieving the strategy determined. Deliverable product from this task will be a report outlining the five-year strategy and assessing briefly pertinent funding methods. Two meetings with staff will be held specifically for this task.

The cost-of-service plan will be translated into a tab in the rate study spreadsheet containing, in appropriate detail, detailed cost estimates over a five year period, and less than detailed for five additional years.

The program concept and cost will be developed in up to three options.

Deliverables: Two drafts and a final cost of service report and tab in the rate study spreadsheet will be provided.

Assumptions: No meetings will be held as part of this task. Organizational and staffing changes are expected to focus on additional staff needs associated with additional funding and that little reorganization of existing staff is required. AMEC will provide AED with 4 copies of the final Cost of Service Report as well as a .pdf file.

Task 4.II-3 Stormwater Business Plan

AMEC will assemble previous financial reports and program elements into an overall Stormwater Business Plan. The Plan will provide a coordinated discussion of program, financing, and schedule suitable to serve as a guidance document into the future. It will also discuss an implementation plan with a special focus on the first two years of activity after initiation of the fee and key preparations prior to the first billing day. AMEC will meet with the City to discuss the first round of review comments.

Deliverable: Meeting with staff, Two drafts and a final plan.

Assumptions: AMEC will provide AED with 4 copies of the final Stormwater Business Plan as well as a .pdf file.

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)**PROJECT NUMBER: 328-041110-211828002****SCOPE OF PROJECT*****Task 4.III Data Track***

A user-fee funding strategy requires specific information about impervious cover, land use, and property data in order to fairly distribute the cost of the stormwater program and assess stormwater fees. Information developed within the Data Track will directly support the Funding and Program Tracks, primarily the rate structure, revenue estimates, and rate analysis. Ultimately, the Data Track will produce the stormwater fee database known as the Master Account File.

Task 4.III-1. Data Preparation and Analysis

AMEC will obtain and evaluate the available GIS and tabular data relevant to utility and fee development. We will work directly with the City's GIS staff to understand the data layers, relationships, and attributes, as well as production and maintenance procedures. Augusta has an impervious coverage layer that is based on aerial photography flown in 2011. AMEC will assess relevant data for completeness, correctness, accuracy, currency, and spatial alignment so that we can identify any gaps or necessary modifications early in the utility development process. Needs will be summarized in memo format, along with recommendations for how they can be most effectively met on a timeline that supports the intended utility billing effort.

The basic unit of measurement for the rate structure will be based on the impervious area on a typical "detached" Single Family Residential (SFR) parcel, referred to as the Equivalent Residential Unit (ERU). Based on the ERU, several residential tiers will be developed reflecting the diversity of housing stock in Augusta; it is assumed this can be accomplished by use of the current impervious layer coverage. Non-single Family Residential (NSFR) parcels will be charged based on total impervious billing units; AMEC will make a recommendation regarding billing units based on considerations for data accuracy, fairness, and revenue generation.

Based on discussions with AED, AMEC assumes that the SWU will be invoiced on the existing water and sewer bill, which requires water accounts and parcels to be associated. The MAF will relate per-parcel impervious calculations with account or property owners. Because parcels and premises are not always 1:1 this database will be a key to providing the required connectivity to send out bills on the preferred billing platform. The City has stated that they have geo-located 90% of the accounts, and that at least 60% have been associated with parcels. AMEC will review the City's matching approach and results, and complete the matching process.

Once the impervious and account/parcel data are completed, AMEC will create a draft working-MAF to estimate billing units, identify specific fee impacts (such as the largest potential fee payers), and examine credit scenarios. AMEC will provide the City with a list of additional data resources necessary for the preparation of the MAF structure.

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)**PROJECT NUMBER: 328-041110-211828002****SCOPE OF PROJECT**

In order to help guide decision-making and communication processes, AMEC will produce visual examples of up to 12 various representative NSFR properties (such as commercial, church, industrial, multifamily, etc). Examples will show the impervious values and potential fees under each structure and/or rate being considered.

In addition to impervious-review and parcel/account-association tasks, AMEC's data-preparation work will include (not limited to) the following:

- Association of parcel boundary GIS data with property information and Assessor attributes, and identification of components necessary for analysis
- Classification of SFR and NSFR properties, and identification of properties-of-interest (such as churches, schools, warehouses) via land use codes and Assessor's data
- Identification of any special or complex billing situations (such as shared common area, stacked parcels, etc.) and development of solutions to address them
- Iterative analytic process to establish the appropriate tier break points for residential tiering
- Development of NSFR the billing unit
- Calculation of impervious area per parcel for the NSFR properties.

Deliverables: GIS Data Needs Memo, Draft Master Account File (MAF) with revenue estimate

Assumptions: 100 hours of GIS/data-analysis time will be provided. Additional GIS time can be provided at a rate of \$140/hour.

Task 4.III-2 Billing System Recommendation

There are two potential billing approaches – the tax bill and the water/sewer bill. AMEC will work with the City to obtain and evaluate the two billing options and make a recommendation to the City. Preliminary discussions suggest that the Water and Sewer bill is the best billing mechanism; however this will be confirmed through a more complete evaluation. AMEC will meet with tax system personnel and water and sewer billing personnel to ascertain the viability of invoicing the stormwater fee on existing bills, data transfer protocols and approaches, costs, ability to bill stormwater only accounts, customer service capabilities, etc.

The City will select a preferred course of action. The billing system chosen will define the ultimate database structure required for the MAF.

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)**PROJECT NUMBER: 328-041110-211828002****SCOPE OF PROJECT**

Deliverable: Meeting with AED/Finance/Augusta Utilities/Tax Commissioners Office, Billing System Analysis draft and final

Task 4.III-3. Stormwater Master Account File (MAF) System

It is assumed in this task that the water and sewer billing system will be used and that bills will be sent to the account holder for payment of the stormwater bill. Additional policies will be developed to handle other cases. It is anticipated that tax data will serve as the parcel-based foundation for completion of the MAF for the user fee funded stormwater program.

Since parcel data is dynamic (constantly changing), it will be necessary to obtain the latest parcel data for the City as close as possible to the 'go-live' billing date. AMEC will develop and test the mathematical and spatial calculations needed to determine each property's potential assessment, and populate the stormwater fee database.

The Master Account File (MAF) will be a geodatabase that provides the City with instant visual access to customer, property, and fee information – as well as an easily updatable calculation environment for analyzing revenue details and parcel-based metrics. The MAF brings together all relevant assessment-factors (as defined by the final rate structure and policy), property-related information, customer data, and necessary billing-system coding/identifiers into a single database. It will be designed to fully-support the selected rate structure, rate-formula, and billing mechanism. Assessment amounts and parcel-information will be easily exported to any format (such as Excel) required for integration with the invoicing system, and for reporting purposes.

AMEC will provide a simplified stormwater-fee file for integration with the billing mechanism, and will correct any inactive parcels or other errors identified prior to certifying the final billing data for the utility. We will provide documentation of the fee-calculation process and outline future requirements for annual billing file development. We will also provide recommendations for handling data-edits, fee-modifications or corrections, application of credits, fee-determination inquiries, and other basic customer-service related needs. AMEC will meet with the Augusta staff responsible for ongoing data maintenance in order to ensure that future updates and maintenance are included into staff assignments prior to the final deliverable of the MAF.

AMEC will coordinate with the billing entity on data structure and delivery, perform quality control tests on the fee data, and produce the final data file.

Deliverables:

- Memorandum on billing approach and addition of billing policies to the policy notebook
- Draft fee-data for integration/testing with billing mechanism

STORMWATER UTILITY FEE IMPLEMENTATION (BID # 13-160)**PROJECT NUMBER: 328-041110-211828002****SCOPE OF PROJECT**

- Data-management recommendations memo
- Meeting to discuss ongoing MAF update/ maintenance needs
- Final Master Account File (MAF)

Task 4.III-4. Customer Service Assistance

AMEC will develop and execute a customer service training program for both current 311 customer service staff and AED staff. We will develop a customer service reference manual including a tool to assist in answering the most common questions. Training will be provided up to two times by the AMEC team and then provided to Augusta for future training and/or new staff orientation.

Alternately, and not included in this price, AMEC can also provide an on-line capability to bring up .jpg files of each parcel complete with impervious coverage, and key metadata about the parcel for use by customer service personnel.

Deliverables: Customer service training and training manual.

Assumptions: Two training classes will be held on the same day. AED will print the necessary materials for the training class.

Stage 5 – Management of the Information Gathering and Planning

Task 5 will be scoped and included under Phase II of this contract.

Task	Technical Advisor	Senior Principal Engineer	Senior Project Manager	Project Manager	Sr. Data Analysis/ Info. Mgmt	AMEC			Graphics Designer/ Technical Writer	AMEC Hours	Fee	Subconsultants		Total
						Senior Engineer	Project Engineer	Project Coordinator				Subconsultant Hours	Subconsultant Fee	
1. Information Technology/ Stormwater Database														
1.I Scope Planned Data Collection														
1.I-1. Initial In-House Planning Workshop & Preparations	4	16		24	24			4		72	\$ 14,827.93	16	\$ 2,800.00	\$ 17,627.93
STAGE 1 SUBTOTALS														
	4	16	0	24	24	0	0	4	0	72	\$ 14,827.93	16	\$ 2,800.00	\$ 17,627.93
2. Stormwater Legal, and Education and Involvement														
2.I Community Assessment														
2.I-1. Initial In-House Team Meeting(s)	8			10				4		22	\$ 6,911.99	8	\$ 1,400.00	\$ 8,311.99
2.I-2. Informal Discussions	8			80				10		98	\$ 21,164.92	30	\$ 5,250.00	\$ 26,414.92
2.II Public Involvement Strategy														
2.II-1. Initial In-House Team Meeting	8			10				4		22	\$ 6,841.99	4	\$ 700.00	\$ 7,541.99
2.II-2. Plan Development	12			8				12		32	\$ 5,055.99	16	\$ 2,800.00	\$ 7,855.99
2.III Stakeholder Participation														
2.III-1. SWAT Development	4			2				4	4	14	\$ 1,895.00	10	\$ 1,750.00	\$ 3,645.00
2.III-2. SWAT Meetings	36			36						72	\$ 21,307.46	42	\$ 6,900.00	\$ 28,207.46
2.IV Town Hall and Neighborhood Meetings and Presentations & 2.VII Ass	16	8		80						104	\$ 33,289.92	62	\$ 10,400.00	\$ 43,689.92
2.V Disseminate Informational Materials and Provide Information for the Si	4			4					60	68	\$ 5,900.00	16	\$ 2,800.00	\$ 8,700.00
2.VI Assist Media Interaction and Media Campaign	8			12	80					100	\$ 15,654.83	40	\$ 7,000.00	\$ 22,654.83
STAGE 2 SUBTOTALS														
	104	8	0	242	80	0	34	4	60	532	\$ 118,022.10	228	\$ 39,000.00	\$ 157,022.10
3. Create Master Planning List														
3.I Preliminary Capital Improvement Needs Assessment	16	24		40	60			4		144	\$ 27,808.94	56	\$ 8,600.00	\$ 36,408.94
SUBTOTALS														
	16	24	0	40	60	0	0	4	0	144	\$ 27,808.94	56	\$ 8,600.00	\$ 36,408.94
4. Stormwater Utility Fee Implementation														
4.I Funding Track														
4.I-1. Funding Policy	40			16	40					96	\$ 18,464.90	24	\$ 6,900.00	\$ 25,364.90
4.I-2. Rate Structure and Legal Assessment	36			16	80					132	\$ 24,999.82	12	\$ 4,800.00	\$ 29,799.82
4.I-3. Perform Rate Study and Cash Flow Analysis	36			16	80			4		136	\$ 24,827.82	0	\$ -	\$ 24,827.82
4.I-4. Stormwater Fee Ordinance	40			24	24					88	\$ 19,249.93	20	\$ 6,200.00	\$ 25,449.93
4.I-5. Credit Manual	8			16	16		16	2		58	\$ 8,121.95	12	\$ 1,400.00	\$ 9,521.95
4.II Program Track														
4.II-1. Program Conceptual Business Plan	52			80				8	4	144	\$ 32,051.92	36	\$ 4,800.00	\$ 36,851.92
4.II-2. Program Cost of Service Analysis	8			16	40			12		76	\$ 11,095.90	32	\$ 4,400.00	\$ 15,495.90
4.II-3. Stormwater Business Plan	16			40	8			12		76	\$ 13,730.94	28	\$ 3,400.00	\$ 17,130.94
4.III Data Track														
4.III-1. Impervious Cover Layer				8	100					108	\$ 15,499.79	0	\$ -	\$ 15,499.79
4.III-2. Billing System Recommendation	8			16	4			16		44	\$ 7,742.98	0	\$ -	\$ 7,742.98
4.III-3. Stormwater Master Account File (MAF) System				24	180					204	\$ 32,559.62	0	\$ -	\$ 32,559.62
4-III-4. Customer Service Assistance	4			8				16		28	\$ 5,347.99	16	\$ 2,800.00	\$ 8,147.99
SUBTOTALS														
	248	0	0	280	572	0	80	10	0	1190	\$ 213,693.58	180	\$ 34,700.00	\$ 248,393.58
5. Management of the Information Gathering and Planning														
5.I Additional support as needed														\$ 25,000.00
SUBTOTALS														
	0	0	0	0	0	0	0	0	0	0	\$ -			\$ 25,000.00
TOTALS														
	372	48	0	586	736	0	114	22	60	1938	\$ 374,352.54	480	\$ 85,100.00	\$ 484,452.54

Request for Qualifications

Request for Qualifications will be received at this office until Thursday, July 11, 2013 @ 11:00 a.m. for furnishing:

RFQ Item #13-160 Stormwater Utility Program for Engineering Department

RFQs will be received by: The Augusta Commission hereinafter referred to as the OWNER at the offices of:

Geri A. Sams, Director
Augusta Procurement Department
530 Greene Street - Room 605
Augusta, Georgia 30901

RFQ documents may be viewed on the Augusta Georgia web site under the Procurement Department **ARcbid**. RFQ documents may be obtained at the office of the Augusta, GA Procurement Department, 530 Greene Street – Room 605, Augusta, GA 30901.

All questions must be submitted in writing by fax to 706 821-2811 or by email to procbidandcontract@augustaga.gov to the office of the Procurement Department by Friday, June 21, 2013 @ 5:00 P.M. No RFQ will be accepted by fax, all must be received by mail or hand delivered.

No RFQ may be withdrawn for a period of **90** days after time has been called on the date of opening.

Invitation for bids and specifications. An invitation for bids shall be issued by the Procurement Office and shall include specifications prepared in accordance with Article 4 (Product Specifications), and all contractual terms and conditions, applicable to the procurement. **All specific requirements contained in the invitation to bid including, but not limited to, the number of copies needed, the timing of the submission, the required financial data, and any other requirements designated by the Procurement Department are considered material conditions of the bid which are not waiveable or modifiable by the Procurement Director.** All requests to waive or modify any such material condition shall be submitted through the Procurement Director to the appropriate committee of the Augusta, Georgia Commission for approval by the Augusta, Georgia Commission. Please mark RFQ number on the outside of the envelope.

Bidders are cautioned that acquisition of RFQ documents through any source other than the office of the Procurement Department is not advisable. Acquisition of RFQ documents from unauthorized sources places the bidder at the risk of receiving incomplete or inaccurate information upon which to base his qualifications.

GERI A. SAMS, Procurement Director

Publish:
Augusta Chronicle May 30, June 6, 13, 20, 2013

Revised: 8/15/2011

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Member Name City of Augusta, GA (Augusta Commission)

Bid Number RFQ-13-160-0-2013/PJM

Bid Name Stormwater Utility Program

2 Document(s) found for this bid

25 Planholder(s) found.

[Add Planholder](#)

Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
AMEC	3142095945	3142095929	1			Documents
BidClerk	8777376482	0000000000	1			Documents
Constantine Engineering, Inc.	2514790808	2513008610	1			Documents
DeAngelo Brothers Inc.	5704591112	5704594630	1			Documents
Ecological Planning Group, LLC	9126561316	9122363472	2			Documents
ENTRIX Inc - Southeast	8136644500	8136640440	1			Documents
Integrated Circles	4048324835	4045841799	1			Documents
Integrated Circles Technologies, Inc.	4049564025	4045841799	1			Documents
isqft - MAIN ACCT	8772271680	8665708187	1			Documents
Michael Baker Corporation	8005531153	7574630503	1			Documents

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Item # 15

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Member Name City of Augusta, GA (Augusta Commission)

Bid Number RFQ-13-160-0-2013/PJM

Bid Name Stormwater Utility Program

2 Document(s) found for this bid

25 Planholder(s) found.

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Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
Midwest Construction Products Corporation	2394322812	2394322817	1	1. Veteran Owned		Documents
Moore and Associates	8032797799	8032793848	1			Documents
Municipal and Financial Services Group	4102669101	4102665545	2	1. Small Business 2. Woman Owned		Documents
MWH	4043482107	4046881084	2			Documents
Onvia, Inc. - Content Department	2063739500	8882637801	2			Documents
Pace Analytical Services, Inc.	9135631436	9135991759	1			Documents
Raftelis Financial Consultants, Inc.	7043731199	7043731113	2			Documents
Schumaker & Company, Inc.	7349985550	7349985590	1	1. Small Business 2. Woman Owned		Documents
Southern Precast Inc	3864622015	3864625702	1			Documents
Stantec	2396494040	2392636422	1			Documents

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Item # 15

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Organization: City of Augusta, GA (Augusta Commission)

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Planholders List

Member Name City of Augusta, GA (Augusta Commission)

Bid Number RFQ-13-160-0-2013/PJM

Bid Name Stormwater Utility Program

2 Document(s) found for this bid

25 Planholder(s) found.

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Supplier Name ▲	Phone	Fax	Doc Count	Attributes	Programs	Actions
Tetra Tech	7033856000	7033856007	1			Documents
The Augusta Chronicle	7068233215	7067227403	1			Documents
The Collaborative Firm	4046847031	4046847033	1			Documents
Wendel	7166880766	7166880700	1			Documents
Wolverton & Associates, Inc	7704478999	7704479070	1			Documents

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Bidders List

Bid Item # 13-160 Cost \$ _____

#	Company Name	Complete Mailing Address	Date	Spec. #	Initials	Mailed By
1	Woolpert Attn: Lorrie Tabar 375 Northridge Road, Suite 100 Atlanta, GA 30350	Phone 770-391-4095 Fax 770-391-4104	7/1/13		DW	U.S. mail
2						
3	KHAFFRA Attn: to Merideth Pool (Pool) PO BOX 6643 N. Aurora, IL 60061-6643	Phone 706-664-9932 861-6643	7/3/13	Updated Mail List	SP	Pick up
4	Raftelis Financial Consultants Attn: David George 1031 S. Caldwell Street, Suite 100 Charlotte, NC 28203	Phone 704-373-1199 Fax	7/8/13		DW	U.S. mail
5						
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16						Item # 15

BIDDERS LIST

BID ITEM # 13-160 COST \$ _____

#	COMPANY'S NAME & CONTACT PERSON	COMPLETE MAILING ADDRESS TELEPHONE & FAX NUMBERS	DATE	SPEC #	INITIALS	MAILED BY
1	Anderson, Coker & Elliot, Inc Attn: Chuks Okereke 2870 University Blvd., West, Suite 102 Jacksonville, FL 32217-2105	Phone 904-330-0537	6/6/13		DW	U.S. mail
2		Fax 904-330-0471				
3	Constantine Engineering Attn: Scott Todd 60-B Springdale Blvd Mobile, AL 36606	Phone 251-545-4400	6/6/13		DW	U.S. mail
4		Fax 251-300-8610				
5	S. L. King Technologies Attn: Ellen Keys Shellabarger 270 Peachtree St., NW, Suite 1600 Atlanta, GA 30303	Phone 404 832-4835	6/12/13		DW	U.S. mail
6		Fax 404 832-4853				
7	Moore Associates 1009 East Avenue North Augusta, SC 29841	Phone 803-279-7799	6/14/13		DW	Pick-up
8						
9	Attn: Joe Carvitti ERM, Inc. 9825 Kenwood Road, Suite 100 Cincinnati, Ohio 45242	Phone 513-830-9046	6/14/13		DW	U.S. mail
10		Fax				
11	ATTN: DAVID MCGHEE SITEC 217 FAIRFIELD ST NE AIKEN, SC 29801	Ph 706-840-3940	6/25/13		PG	plu
12		FAX 803-644-7082				Item # 15

BIDDERS LIST

BID ITEM # 13-160 COST \$ _____

#	COMPANY'S NAME & CONTACT PERSON	COMPLETE MAILING ADDRESS TELEPHONE & FAX NUMBERS	DATE	SPEC #	INITIALS	MAILED BY
1	AMEC Attn: Kimberly Shorter 1075 Big Shanty Road, Suite 100 Kennesaw, GA 30144	Phone 770-421-3400 Fax 770-421-3486	5/30/13		DW	U.S. mail
2						
3	Schumaker & Company, Inc Attn: Patricia Schumaker 3101 Walnut Ridge Drive Ann Arbor, MI 48103	Phone 734-998-5550 Fax 734-998-5590	6/3/13		DW	U.S. mail
4						
5	Ecological Solutions, Inc. Attn: Ron Feldner, P.E. 7 East Congress St., Suite 801 Savannah, GA 31401	Phone 912-236-3471 Fax 912-236-3472	6/3/13		DW	U.S. mail
6						
7	Wendel Attn: Laura Corbett 140 John James Audubon Pkwy, Suite 201 Buffalo, NY 14228	Phone 716-688-0766 Fax 716-625-6825	6/3/13		DW	U.S. mail
8						
9	Tetra Tech Attn: Julie Kaplan 2110 Powers Ferry Road SE, Suite 202 Atlanta, GA 30339	Phone 770-738-6038 Fax 770-850-0950	6/3/13		DW	U.S. mail
10						
11	Michael Baker Jr., Inc Attn: Jonathan Soulen 272 Bendix Road, Suite 400 Virginia Beach, VA 23452		6/4/13		DW	U.S. mail
12						Item # 15

BIDDERS LIST

 BID ITEM # 13-160 COST \$ _____

#	COMPANY'S NAME & CONTACT PERSON	COMPLETE MAILING ADDRESS TELEPHONE & FAX NUMBERS	DATE	SPEC #	INITIALS	MAILED BY
1	Willdan Financial Services Attn: Arlene Romanelli 27368 Via Industria, Suite 110 Temecula, CA 92590	Phone 800-755-6864	5/30/13		DW	U.S. ma: 1
2		Fax 888-326-6864				
3	Michael Baker Jr., Inc Attn: Danielle Spriggs 4431 N. Front Street, 2 nd Floor Harrisburg, PA 17110	Phone 717-221-2031	5/30/13		DW	U.S. ma: 1
4		Fax 717-234-7611				
5	Municipal & Financial Services Group Attn: Michael Maker 911-A Commerce Road Annapolis, MD 21401	Phone 410-266-9101	5/30/13		DW	U.S. ma: 1
6		Fax 410-266-5545				
7	MWH Americas, Inc Attn: Debra James 230 Peachtree Street, NW, Suite 470 Atlanta, GA 30303-1520	Phone 404-348-2103	5/30/13		DW	U.S. ma: 1
8		Cell 678-644-0875				
9	IMS Attn: Gabe Hendrick 945 Hornblend Street, Suite G San Diego, CA 92109	Phone 858-490-5011	5/30/13		DW	U.S. ma: 1
10		Fax 858-490-8811				
11	Wolverton & Associates Attn: Leslie Baxter 6745 Sugarloaf Parkway, Suite 100 Duluth, GA 30097	Phone 678-775-5808	5/30/13		DW	U.S. ma: 1
12		Fax 770-447-9070				Item # 15

ATTN: VIN PINKSTON
EMC ENGINEERING SERVICES, INC
4106 COLBEN BLVD, SUITE 105
EVANS, GA 30809

ATTN: KENNETH HOUSEMAN
NOVA ENGINEERING &
ENVIRONMENTAL
3640 KENNEWAW NORTH IND. PKY
SUITE E
KENNESAW, GA 30144

ATTN: JORGE JIMINEZ
ZEL ENGINEERS
435 TELFAIR STREET
AUGUSTA, GA 30901

WK DICKINSON
ATTN: TREY WINGATE
1450 GREENE STREET, SUITE 225
AUGUSTA, GA 30901

ATTN: ALEX GOHARIOON
TERRACON
2855 PERMIER PARKWAY
DULUTH, GA 30097

ATTN: JEFF POPE
CSRA TESTING & ENGINEERING
1005 EMMETT STREET
AUGUSTA, GA 30904

ATTN: SAM MOUSSLY
MC SQUARED
1275 SHILOH ROAD
SUITE 2620
KENNESAW, GA 30144

JOHNSON LASCHOB & ASSOCIATES
1296 BROAD STREET
AUGUSTA, GA 30901

ATTN: RICK TOOLE
W. R. TOOLE ENGINEERS INC
1005 BROAD STREET, STE 200
AUGUSTA, GA 30901

STEVENSON & PALMER
723 INDUSTRIAL PARK DR
EVANS, GA 30809

JACOBS ENGINEERING
6801 GOVENOR'S LAKE PARKWAY
NORCROSS, GA 30071

AMEC ENVIRONMENTAL &
INFRASTRUCTURE
ATTN: ANDREW REESE, P.E.
3800 EZELL RD., SUITE 100
NASHVILLE, TN 37211

EARTH TECH, INC
1455 OLD ALABAMA RD., SUITE 170
ROSWELL, GA 30076

CRANSTON ENGINEERING GROUP
452 ELLIS STREET
AUGUSTA, GA 30903-2546

MORELAND ALTOBELLI ASSO
2211 BEAVER RUIN ROAD, SUITE 190
NORCROSS, GA 30071

STANTEC
ATTN: TIFFANIE REYNOLDS
2205 NORTH 20TH STREET
TAMPA FL 33605

HAMEED MALIK
ENGINEERING ADMIN
TELFAR STREET

YVONNE GENTRY
LSBOP
3RD FLOOR
MUNICIPAL BUILDING

ABIE LADSON
ENGINEERING ADMIN
TELFAR STREET

RFQ 13-160 Stormwater Utility Program
mailed Thurs, May 30, 2013

RFQ 13-160 Stormwater Utility Program
FOR Engineering Dept
RFQ DUE: Thurs 7/21/13 @ 11:00 A.M.

FYI: Process Regarding Request for Qualifications

Sec. 1-10-47. Request for qualifications; pre-qualifications of contractors.

- (a) The Procurement Director, in consultation with the Administrator and using agency head may determine that it shall be in the best interest of Augusta, Georgia to pre-qualify offerors for contracts of a particular type. The imposed standards shall be met by any contractor who wishes submit a bid or proposal for the subject project. The contractor shall submit required data in order to obtain a fair and impartial determination of whether the pre-qualification standards have been met. When pre-qualification is required, only those contractors who submit the required pre-qualification information and who are actually pre-qualified to submit a bid or proposal for the proposed solicitation.
- (b) *Public notice.* Public notice of pre-qualification shall be given in the same manner as provided in section 1-10-50 (c).
- (c) *Pre-qualification standards.* The Procurement Director and affected using agency heads shall review all information submitted by the suppliers and, if necessary, require additional information. The standards set for pre-qualification shall include but not be limited to factors set forth in section 1-10-50-Sealed Bids; Bid Acceptance and Bid Evaluation or section 1-10-52-Sealed Proposals; Evaluation and Selection. If the Procurement Director and Administrator determine that the contractor meets all standards, then the contractor shall be so pre-qualified. The contractor shall be notified in writing.
- (d) *Failure to pre-qualify.* Should a contractor not be pre-qualified, appropriate written notice shall be sent and the contractor may appeal such determination as provided in Article 9.
- (e) In no instance shall a contract be awarded from the solicitation of request for qualifications.

Sec. 1-10-51. Request for proposals.

Request for proposals shall be handled in the same manner as the bid process as described above for solicitation and awarding of contracts for goods or services with the following exceptions:

- (a) Only the names of the vendors making offers shall be disclosed at the proposal opening.

FYI: Process Regarding Request for Qualifications

- (b) Content of the proposals submitted by competing persons shall not be disclosed during the process of the negotiations.
- (c) Proposals shall be open for public inspection only after the award is made.
- (d) Proprietary or confidential information, marked as such in each proposal, shall not be disclosed without the written consent of the offeror.
- (e) Discussions may be conducted with responsible persons submitting a proposal determined to have a reasonable chance of being selected for the award. These discussions may be held for the purpose of clarification to assure a full understanding of the solicitation requirement and responsiveness thereto.
- (f) Revisions may be permitted after submissions and prior to award for the purpose of obtaining the best and final offers.
- (g) In conducting discussions with the persons submitting the proposals, there shall be no disclosure of any information derived from the other persons submitting proposals.

Sec. 1-10-52. Sealed proposals.

- (a) *Conditions for use.* In accordance with O.C.G.A. § 36-91-21(c)(1)(C), the competitive sealed proposals method may be utilized when it is determined in writing to be the most advantageous to Augusta, Georgia, taking into consideration the evaluation factors set forth in the request for proposals. The evaluation factors in the request for proposals shall be the basis on which the award decision is made when the sealed proposal method is used. Augusta, Georgia is not restricted from using alternative procurement methods for obtaining the best value on any procurement, such as Construction Management at Risk, Design/Build, etc.
- (b) *Request for proposals.* Competitive sealed proposals shall be solicited through a request for proposals (RFP).
- (c) *Public notice.* Adequate public notice of the request for proposals shall be given in the same manner as provided in section 1-10- 50(c)(Public Notice and Bidder's List); provided the normal period of time between notice and receipt of proposals minimally shall be fifteen (15) calendar days.

FYI: Process Regarding Request for Qualifications

- (d) *Pre-proposal conference.* A pre-proposal conference may be scheduled at least five (5) days prior to the date set for receipt of proposals, and notice shall be handled in a manner similar to section 1-10-50(c)-Public Notice and Bidder's List. No information provided at such pre-proposal conference shall be binding upon Augusta, Georgia unless provided in writing to all offerors.
- (e) *Receipt of proposals.* Proposals will be received at the time and place designated in the request for proposals, complete with bidder qualification and technical information. No late proposals shall be accepted. Price information shall be separated from the proposal in a sealed envelope and opened only after the proposals have been reviewed and ranked.

The names of the offerors will be identified at the proposal acceptance; however, no proposal will be handled so as to permit disclosure of the detailed contents of the response until after award of contract. A record of all responses shall be prepared and maintained for the files and audit purposes.

- (f) *Public inspection.* The responses will be open for public inspection only after contract award. Proprietary or confidential information marked as such in each proposal will not be disclosed without written consent of the offeror.
- (g) *Evaluation and selection.* The request for proposals shall state the relative importance of price and other evaluation factors that will be used in the context of proposal evaluation and contract award. (Pricing proposals will not be opened until the proposals have been reviewed and ranked). Such evaluation factors may include, but not be limited to:
 - (1) The ability, capacity, and skill of the offeror to perform the contract or provide the services required;
 - (2) The capability of the offeror to perform the contract or provide the service promptly or within the time specified, without delay or interference;
 - (3) The character, integrity, reputation, judgment, experience, and efficiency of the offeror;
 - (4) The quality of performance on previous contracts;
 - (5) The previous and existing compliance by the offeror with laws and ordinances relating to the contract or services;
 - (6) The sufficiency of the financial resources of the offeror relating to his ability to perform the contract;

FYI: Process Regarding Request for Qualifications

- (7) The quality, availability, and adaptability of the supplies or services to the particular use required; and
 - (8) Price.
- (h) *Selection committee.* A selection committee, minimally consisting of representatives of the procurement office, the using agency, and the Administrator's office or his designee shall convene for the purpose of evaluating the proposals.
 - (i) *Preliminary negotiations.* Discussions with the offerors and technical revisions to the proposals may occur. Discussions may be conducted with the responsible offerors who submit proposals for the purpose of clarification and to assure full understanding of, and conformance to, the solicitation requirements. Offerors shall be accorded fair and equal treatment with respect to any opportunity for discussions and revision of proposals and such revisions may be permitted after submission and prior to award for the purpose of obtaining best and final offers. In conducting discussions, there shall be no disclosure of information derived from proposals submitted by competing offerors.
 - (j) From the date proposals are received by the Procurement Director through the date of contract award, no offeror shall make any substitutions, deletions, additions or other changes in the configuration or structure of the offeror's teams or members of the offeror's team.
 - (k) *Final negotiations and letting the contract.* The Committee shall rank the technical proposals, open and consider the pricing proposals submitted by each offeror. Award shall be made or recommended for award through the Augusta, Georgia Administrator, to the most responsible and responsive offeror whose proposal is determined to be the most advantageous to Augusta, Georgia, taking into consideration price and the evaluation factors set forth in the request for proposals. No other factors or criteria shall be used in the evaluation. The contract file shall contain a written report of the basis on which the award is made/recommended. The contract shall be awarded or let in accordance with the procedures set forth in this Section and the other applicable sections of this chapter.

Cumulative - Evaluation Sheet
RFQ Item #13-160
Stormwater Utility Program
for Augusta, Georgia – Engineering Department

Evaluation Criteria	PTS	AMEC 1075 Big Shanty Rd., NW, Suite 100 Kennesaw, GA 30144	Tetra Tech, Inc 2110 Powers Ferry Rd., Suite 202 Atlanta, GA 30339	Ecological Planning Gr 7 East Congress St., Suite 801 Savannah, GA 31401	Raftelis Financial Cons 1031 South Caldwell St Suite 100 Charlotte, NC 28203	URS Corporation 1000 Abernathy RD., NE, Suite 900 Atlanta, GA 30328	MWH Americas 230 Peachtree St., Suite 470 Atlanta, GA 30303	Jacobs 6801 Govenors Lake Pkwy., Bldg 200 Norcross, GA 30071
1) Qualifications of company (company profile).	10	10.0	8.2	8.3	8.8	7.7	7.0	9.2
2) Qualifications and experience of key professionals that will be assigned to the project.	20	19.5	16.7	19.0	18.3	15.3	15.0	18.7
3) Specific relevant experience of your company (specific to Stormwater Utility Program and Fee Structure Development).	25	23.3	19.0	22.3	19.3	15.0	15.0	20.5
4) A detailed description of the proposed technical approach to be taken for the performance of the required services.	25	24.0	18.8	19.8	20.3	18.3	16.3	20.5
5) Conceptual project schedule.	10	9.7	9.3	9.3	9.0	9.3	9.0	9.7
6) References	5	5.0	5.0	5.0	5.0	5.0	5.0	5.0
5) Proximity to Augusta	5	3.0	5.0	3.0	2.3	3.0	3.0	3.0
Total	100	94.5	82.0	86.8	83.2	73.7	70.3	86.5

**ENGINEERING DEPARTMENT****Abie L. Ladson, P.E., CPESC, Director****MEMORANDUM**

13 AUG '13 PM 4:37

TO: Ms. Geri Sams, Director Procurement

FROM:  Abie L. Ladson, PE, CPESC, Director

DATE: Tuesday, August 13, 2013

SUBJECT: RFQ- Stormwater Utility Implementation Program (13-160)
Project Number: N/A
File Reference: 13-014(A)

Ms. Sams, AED is requesting to enter into contract negotiations reference the subject with AMEC, of Kennesaw, GA, which qualified as the top ranked firm with a score of 94.5.

Should you require additional information, please do not hesitate to contact me or Hameed Malik, at (706) 796-5040.

Thanking you in advance.

ALL/scm

Attachment

cc: Hameed Malik, Ph.D., PE, Assistant Director, AED
Phyllis Mills, Quality Assurance Analyst
Valerie R. Jenkins, Department Accountant
File



Engineering Services Committee Meeting
10/7/2013 12:55 PM
Windsor Spring Road, Phase IV and Phase V (SA15/Chg#17)

Department: Abie Ladson, Director

Caption: Approve Supplemental Agreement 15 and Change Number 17 in the amount of \$28,112 from Jacobs Engineering Group Inc., to update the specials studies as part of the environmental document re-evaluation and approval process which will enable construction funds to be authorized and plans updated in accordance with the new GDOT guidelines for the Georgia EPD and US Army Corps of Engineers for approval of the Stream Buffer Variances and Individual Permit, respectively, on the projects to improve Windsor Spring Road from SR 88 in Hephzibah to Willis Foreman Rd (Phase V) 323-04-299823786 and from Willis Foreman Road to Tobacco Road (Phase IV) 323-04-299823766 as requested by AED.

Background: On April 6, 1999 it was Commission approved to enter into an agreement with GDOT to accept responsibility for the project preliminary engineering, right of way (r/w) acquisition and relocation of utilities on the Windsor Spring Road Phase IV and Phase V projects. The projects will widen and reconstruct Windsor Spring Road to 4 lanes with a 19' raised median from Willis Foreman Road to Tobacco Road, and replace the bridge over Spirit Creek (Phase IV), and from SR 88 in Hephzibah to Willis Foreman Road and replace the bridge over Norfolk Southern Railroad (Phase V). On October 30, 2007 GDOT agreed to fund and acquire the right of way on Phase IV; \$9,970,630 has been authorized and r/w activities are underway. Funding for the right of way on Phase V is a joint effort between Augusta, Georgia (\$1,100,000) and GDOT (not to exceed \$4,236,500). Augusta, Georgia is responsible for the acquisition and r/w activities that are underway. Final design activities are underway on both phases. GDOT is responsible for the construction costs, \$25,097,187 (Phase IV and \$15,017,944 (Phase V). The current let dates for Phase IV and Phase V are May 16, 2014.

Analysis: The environmental document must be re-evaluated and approved by GDOT and the Federal Highway Administration (FHWA), which will enable construction funds to be authorized on these

projects. Right of Way acquisition is underway on Phase IV and Phase V. The footprint of the projects has changed to incorporate negotiation requests to acquire parcels. The environmental document assesses the impact the projects will have on ecology, air, noise, history and archaeology along the corridor. These studies must be updated to agree with the new path of the projects. The fee for this effort is \$17,572. GDOT has adopted new guidelines concerning the preparation of plans that must be submitted to Georgia EPD, for the approval of the Stream Buffer Variances and US Army Corps of Engineers for approval of the Individual Permit. Each of these agencies reviews different aspects of the plans so, they must be prepared separately for submission to each agency for review and approval. The fee for this effort is \$10,540.

Financial Impact: The fee proposed for this is \$28,112. Funds are available in the Phase IV project utility account and will be transferred to the project engineering accounts for Phase IV and Phase V.

Alternatives: 1. Approve caption 2. Do not approve and delay progress on projects that are critical to south Augusta

Recommendation: Approve alternative #1

**Funds are Available
in the Following
Accounts:** 323-04-1110-52.12115/299832766-5212115

REVIEWED AND APPROVED BY:

Please do not process this document. Once approved by the Commission the original will be sent to the Clerk of Commission for execution. For information reference this request, contact Engineering at ext 5070. Thanks

**AUGUSTA, GEORGIA
ENGINEERING DEPARTMENT
SUPPLEMENTAL AGREEMENT**

Augusta Richmond County Project Number(s):	323-041110-299823766 & 323-041110-299823786
GDOT Number (s):	STP00-7007-00 (006) & STP00-1105-00 (004) PI 250610 & 254320
Supplemental Agreement Number:	15
Purchase Order Number:	53296

WHEREAS, We, **Jacobs Engineering Group Inc.**, Consultant, entered into a contract with Augusta-Richmond County on June 27, 2001, for engineering design services associated with the improvements to **Windsor Spring Road Improvements Phase IV & Phase V**, projects STP00-7007-00 (006) & STP00-1105-00 (004), File Reference No. 13-014 (A), and

WHEREAS, certain revisions to the design requested by Augusta-Richmond County are not covered by the scope of the original contract, we desire to submit the following Supplemental Agreement to-wit:

Update the special studies as part of the re-evaluation and approval of the environmental document for authorization of construction funds and incorporate the new GDOT guidelines for EPD and the U S Army Corps of Engineers plans for approval of the Stream Buffer Variances and Individual Permit

It is agreed that as a result of the above described modifications the contract amount is increased by **\$28,112** from **\$2,782,819.50** to a new total of **\$2,810,931.50**.

Any modifications to submittal dates shall be as identified in the attached proposal. This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, **Jacobs Engineering Group Inc.**, Consultant, as successor in interest to Jordan, Jones and Goulding, Inc. and Augusta-Richmond County hereby agree to said Supplemental Agreement consisting of the above mentioned item, and agree that this Supplemental Agreement is hereby made a part of the original contract to be performed under the specifications thereof, and that the original contract is in full force and effect, except insofar as it might be modified by this Supplemental Agreement.

This _____ day of _____, 2013.

RECOMMEND FOR APPROVAL:

CITY OF AUGUSTA-RICHMOND COUNTY
AUGUSTA, GEORGIA

JACOBS ENGINEERING GROUP INC.

Mayor Deke S. Copenhaver

Approved Date: _____

Approved Date: _____
[ATTACHED CORPORATE SEAL]

ATTEST:

ATTEST:

Title: _____

Title: _____

Item # 16

(SA02 – For changes greater than \$20,000)

March 2010

January 2001

Please do not process this document. Once approved by the Commission the original will be sent to the Clerk of Commission for execution.
For information reference this request, contact Engineering at ext 5070. Thanks

Augusta-Richmond County, Georgia

CPB#323-041110-299823786

**CAPITAL PROJECT BUDGET
WINDSOR SPRING ROAD IMPROVEMENTS, SECTION IV
(WILLIS FOREMAN RD TO TOBACCO RD)
CHANGE NUMBER SEVENTEEN**

BE IT ORDAINED by the Commission-Council of Augusta-Richmond County,
Georgia that the following Capital Project Budget is hereby adopted:

Section 1: This project is authorized to CPB#323-041110-299823786 and SA #15. The funding for this project in the amount of \$28,112 is needed to update special studies as part of the environmental document re-evaluation and approval process.

Section 2: The following revenues are anticipated to be available to the Consolidated Government to complete the project.

Special 1% Sales Tax, Phase III	\$	1,560,500
Special 1% Sales Tax, Phase IV	\$	600,000
	\$	2,160,500

Section 3: The following amounts are appropriated for the project:

By Basin		By District
4th, 6th, & 8th	\$ 2,160,500	McBean/Spirit Crk \$ 2,160,500

Section 4: Copies of this Capital Project Budget shall be made available to the Comptroller for direction in carrying out this project.

Adopted this _____ day of _____.

Approved

Fredrick L. Russell, City Administrator

Original-Commission Council Office
Copy-Engineering Department
Copy-Finance Department
Copy-Procurement Department

Augusta-Richmond County, Georgia

CPB#323-041110-299823786

**CAPITAL PROJECT BUDGET
WINDSOR SPRING ROAD IMPROVEMENTS, SECTION IV
(WILLIS FOREMAN RD TO TOBACCO RD)
CHANGE NUMBER SEVENTEEN**

<u>SOURCE OF FUNDS</u>	<u>CPB AMOUNT CPB</u>	<u>CPB CHANGE</u>	<u>NEW CPB</u>
SALES TAX, PHASE III 323041110-000000-299823766	(\$1,000)		(\$1,000)
SALES TAX, PHASE III 323041110-000000-299823766	(\$1,306,500)		(\$1,306,500)
SPECIAL 1% SALES TAX, PHASE IV 324041110-000000-202824766	(\$600,000)		(\$600,000)
(Transferred to Section V 299823786) Trans	\$159,500		\$159,500
TOTAL SOURCES:	(\$1,748,000)		(\$1,748,000)
<u>USE OF FUNDS</u>			
ADVERTISING 323041110-5233119-299823766	\$1,000		\$1,000
ENGINEERING 323041110-5212115-299823766	\$1,436,364	\$28,112	\$1,464,476
RIGHT OF WAY 323041110-5411120-299823766 (transferred to Section V 299823786)	\$251,136		\$251,136
UTILITIES 323041110-5414510-299823766	\$50,000	(\$28,112)	\$21,888
SIGNAL 323041110-5414610-299823766	\$5,000		\$5,000
CONTINGENCY 323041110-6011110-299823766	\$4,500		\$4,500
TOTAL USES:	\$1,748,000		\$1,748,000