



ENGINEERING SERVICES COMMITTEE MEETING AGENDA

Commission Chamber
Tuesday, May 14, 2024
1:20 PM

ENGINEERING SERVICES

1. Approve the deed of dedication, maintenance agreement, and road resolution submitted by the Engineering Department for Governors Place Phase 1.
2. Approve and authorize Augusta Engineering accepting no-cost time extension to Georgia Environmental Protection Division (EPD) Section 319(h) FY21 Grant – Element 12 Phase 2 Biota Implementation in an Urban Stream through Aquatic Habitat Restoration and authorize mayor to execute associated documents. AE
3. Approve Sole Source Procurement of Power Provider for Augusta Corporate Park Wastewater Pumping Station.
4. Presentation and discussion by Coastal Waste & Recycling of Georgia LLC for RFP#23-112 Solid Waste & Recyclable Collection Services – Zone One. **(Requested by Commissioner Brandon Garrett - referred from April 30 Engineering Services Committee)**
5. Motion to approve the Administrator's recommendation to extend the residential solid waste and recyclables collection second transition agreement between Augusta, Georgia, and Georgia Waste Systems, LLC from July 1, 2024, to December 31, 2025, for \$21.86 per house, per month. **(Referred from April 30 Engineering Services Committee)**
6. Motion to approve the minutes of the Engineering Services Committee held on April 30, 2024.
7. Discuss probation cleanup and the reason for reduction in the workforce by the Engineering Dept. Also discuss the relationship between the Marshal and Engineering Departments. **(Requested by Commissioner Sean Frantom)**



Committee Meeting

Meeting Date: May 14, 2024

DEDICATION OF: GOVERNORS PLACE PHASE 1

FILE REFERENCE: 22-005(A)

Department:	Engineering & Environmental Services
Presenter:	Dr. Hameed Malik, Director
Caption:	Approve the deed of dedication, maintenance agreement, and road resolution submitted by the Engineering Department for Governors Place Phase 1.
Background:	The final plat for this portion of Governors Place Phase 1 was approved by the Commission on September 21, 2021. The road design, stormwater and plat for this section has been reviewed and accepted by our engineering staff and the construction has been reviewed by our inspectors.
Analysis:	<p>This section meets all codes, ordinances and standards. There are no wetlands or 100-year flood plain boundaries involved in this section.</p> <p>Acceptance of said deed shall dedicate, as required, the roads and stormwater infrastructure along with the applicable easements to Augusta, Georgia for operation and maintenance.</p>
Financial Impact:	By accepting this road and storm drainage installations into the County system and after the 18-month maintenance warranty by the developer/contractor for the roads and storm drainage has expired, all future maintenance and associated costs will be borne by Augusta, Georgia.
Alternatives:	<ol style="list-style-type: none"> 1. Approve the deed of dedication, maintenance agreement, and road resolutions submitted by the Engineering Department for Governors Place Phase 1. 2. Do not approve and risk litigation.
Recommendation:	Approve Alternative Number One.
Funds are available in the following accounts:	N/A
<u>REVIEWED AND APPROVED BY:</u>	HM/WC

MEMORANDUM

To: Hameed Malik, P.E., PhD
Director of Engineering

Through: Brett Parsons, Principal Engineer Land Development *BP*

From: Richard A. Holliday, Lead Design Engineer *RAH*

Date: March 18, 2022

Subject: Certificate of Completion
Dedication of Governors Place Phase 1
File reference: 22-005(A)3

A final inspection has been conducted on the above referenced development. This development meets the standards and specifications set forth in the Augusta-Richmond County Development Regulations Guidelines outlined in the Land Development and Stormwater Technical Manuals. The submitted Deed of Dedication and 18-Month Warranty Agreement reads appropriately, with the language in both documents meeting criteria for dedication of the roadway systems and drainage systems within. The final plat was previously accepted by the Commission on September 21, 2022. Therefore, these development dedication documents are ready to present to the Commission for acceptance into the City's infrastructure system.

Thank you for your assistance on this matter. Please call if you have any questions or need additional information, 706-821-1706.

RAH

Attachment

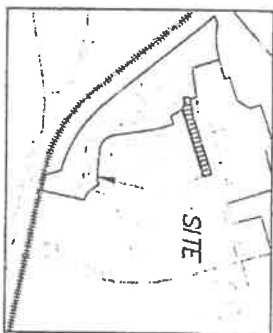
cc: Walt Corbin, P.E., Engineering Manager *WC*
Carla Delaney, Interim Director of Planning and Development
Terri Turner, Planning & Zoning
File

RIGHT-OF-WAY DEDICATION FOR

ADELLE CT.
BELAIR SPRING RD.
MATHURIN ST.
BATCHELOR CT.

PREPARED FOR:

AUGUSTA



MAJORITY MAP NOT TO SCALE

PREPARED BY: DATE: 08/08/2018

JACHTENS
LAND SURVEYING, INC.

Professional Land Surveying · GIS · Mapping
P.O. Box 16 - Evans, Georgia 30809
Ph-706.299.8721

PLAT DATE: ¹/₅ MARCH 26, 2021

PICT DATA

[illegible]

APPROVED FINAL PLAT

APPROVED FINAL PLAT

APPROVED FINAL PLAT

Submitted by: James O. Neal

Accepted by: Robert W. Skinner, Jr.

Witness: _____

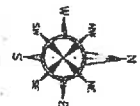
Notary: _____

City: _____

State: _____

Date: _____

MOTHERS



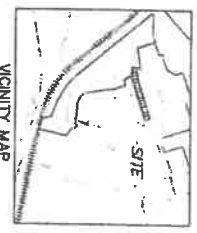
- [illegible]

201003

- [illegible]

POSTER 23.13

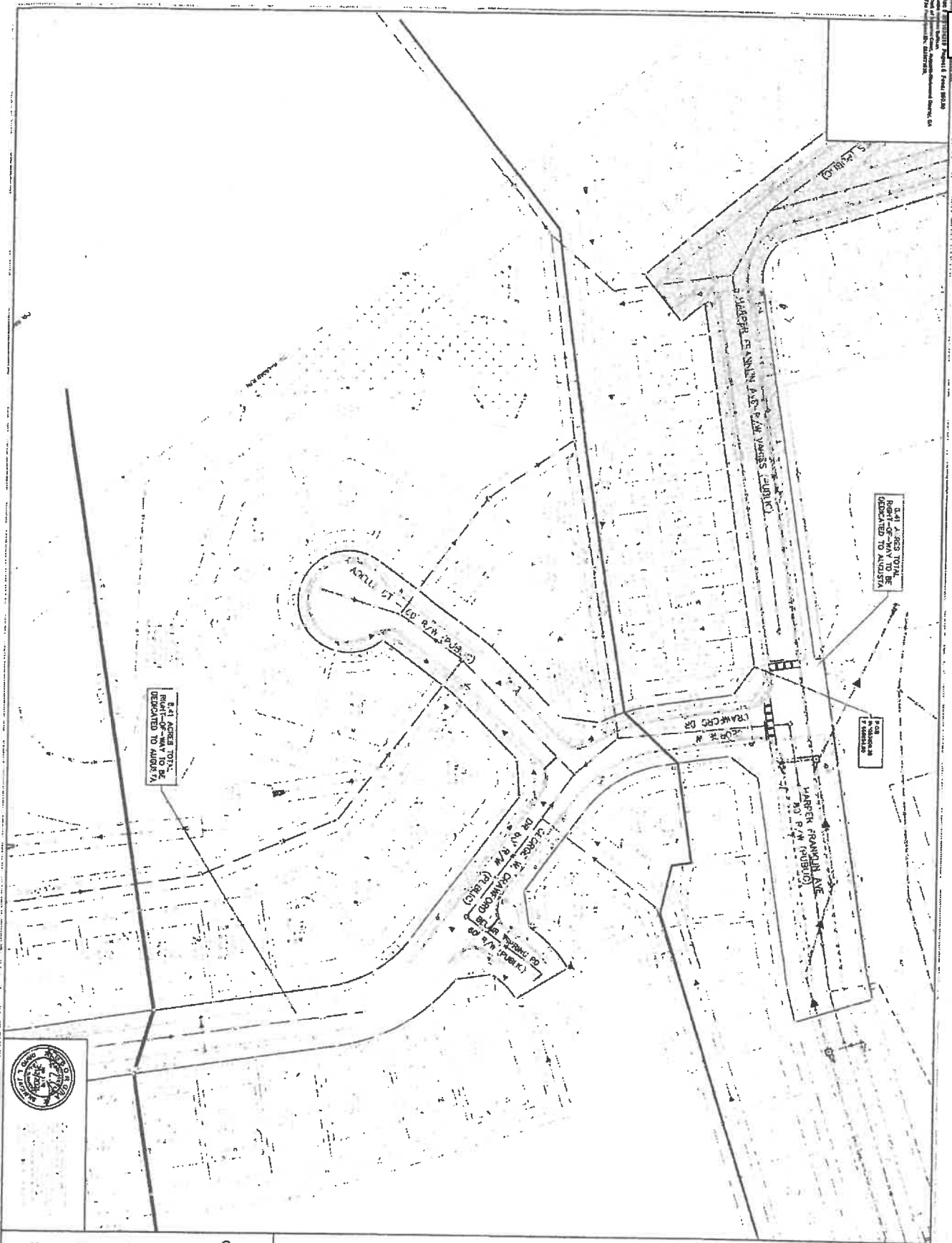
1. MAT DATED MAY 1971, 1987 BY JONES & MCKENNA
2. P. 3 PC-400
3. DA. 1248 PQ. 869
4. PAY DATED OCTOBER 1982 FOR OILS & HELS ESTATE'S BY RL. MOE
5. DA. 281 PQ. 201
6. MAT DATED OCTOBER 1982 BY GED. W. SUMMERS
7. S. 4.01L. 185L. 10-WAY PLANS
8. P. 4.7. 7-7-7-1) DA. 6-18-88
9. DA. 782 PQ. 240
10. P. 12. 12. 100



RIGHT-OF-WAY DEDICATION FOR:
HARPER FRANKLIN AVE.
GEORGE W. CRAWFORD DR.
ADELLE CT.
BELAIR SPRINGS RD.
MATHURIN ST.
BATCHELOR CT.

JACHTENS
LAND SURVEYING, INC.
Professional Land Surveying • Old Kingdom
P.O. Box 12
Hillsdale, NJ 07642
Tel: 201-261-2222
Fax: 201-261-2222
E-mail: jachtens@jachtens.com
Web: www.jachtens.com
CDL# 12760405

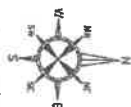
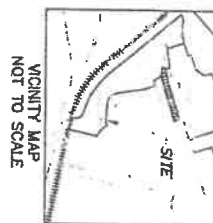
See Project Report 8, Sheet 905A
For a complete description of the
Project and the surrounding area, see
the Project Report 8, Sheet 905A.



JACOBS
LAND SURVEYING, INC.
Professional Land Surveying - GIS Mapping
15083
3. A

RIGHT-OF-WAY DEDICATION FOR:
HARPER FRANKLIN AVE.
GEORGE W. CRAWFORD DR.
ADELIE CT.
BELAIR SPRING RD.
MATHURIN ST.
BATCHELOR CT.

AUGUSTA



Sheet 1 of 1
August 1983
JACMENS LAND SURVEYING, INC.
15005

6.41 ACRES TOTAL
RIGHT-OF-WAY TO BE
DEDICATED TO A. JACMENS

6.41 ACRES TOTAL
RIGHT-OF-WAY TO BE
DEDICATED TO A. JACMENS

GEORGE W. CRAWFORD
DR - 60' R/W (PUBLIC)

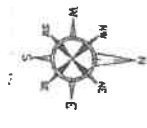
MATHURIN ST
CT R/W (PUBLIC)

GEORGE W. CRAWFORD
DR - 60' R/W

6.41 AC
RIGHT-OF-WAY
DEDICATED



ONE EIGHT EIGHTS Page 4 of 5



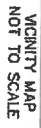
VICINITY MAP
NOT TO SCALE

RIGHT-OF-WAY DEDICATION FOR:
HARPER FRANKLIN AVE.
GEORGE W. CRAWFORD DR.
ADELLE CT.
BELAIR SPRING RD.
MATHURIN ST.
BATCHELOR CT.

AUGUST 1983

JACMENS
LAND SURVEYING, INC.

15005



AUGUSTA

15083

Return To:
 Augusta Engineering Department
 452 Walker Street Ste. 110
 Augusta, Ga 30901
 Attn: Walt Corbin

STATE OF GEORGIA)
)
 COUNTY OF RICHMOND)

DEED OF DEDICATION
 (Roads, Utilities, and Storm Drainage)

THIS INDENTURE, made and entered into this day ____ of _____, _____, by and between **GOVERNORS PLACE PARTNERS, LLC. A Georgia limited liability company**, hereinafter referred to as the Party of the FIRST PART, and **AUGUSTA, GEORGIA**, a political subdivision of the State of Georgia, acting by and through the Augusta Commission, hereinafter referred to as the Party of the SECOND PART.

WITNESSETH:

THAT the said Party of the FIRST PART, for and in consideration of the sum of One Dollar (\$1.00) in cash to it in hand paid by the Party of the SECOND PART, the receipt of which is hereby acknowledged, at and/or before the sealing and delivery of these presents, and other good and valuable considerations, has granted, bargained, sold, released, conveyed and confirmed and by these presents does grant, bargain, sell, release, convey and confirm unto the said Party of the SECOND PART, its successors and assigns, the following described property, to-wit:

ALL PORTION OF PROPERTY SHOWN ON THE PLAT HEREIN REFERRED TO AS all those streets and storm drainage systems known as HARPER FRANKLIN AVE., GEORGE W. CRAWFORD DRIVE, ADELLE COURT, BELAIR SPRING ROAD, MATHURIN STREET and BATCHELOR COURT, (AKA as **RIGHT OF WAY DEDICATION For HARPER FRANKLIN AVE., GEORGE W. CRAWFORD DR., ADELLE CT., BELAIR SPRING RD., MATHURIN ST., and BATCHELOR CT.**), according to the plat prepared by Jachens Land Surveying, Inc., dated March 26, 2021, shown and designated on said plat as recorded in the Office of the Clerk of Superior Court, of Richmond County, Georgia in Plat Book 16, Page 78-82, to which reference is made for a more complete and accurate description as to the metes, courses, bounds, dimensions and location of said property.

Return To:
 Augusta Engineering Department
 Survey Section
 452 Walker Street Ste. 110
 Augusta, Ga 30901

STATE OF GEORGIA)
)
 COUNTY OF RICHMOND)

**MAINTENANCE AGREEMENT
 (Roads and Storm Drainage)**

THIS AGREEMENT, entered into this ____ day of _____, 20____, by and between **GOVERNORS PLACE PARTNERS, LLC**. A Georgia limited liability company, hereinafter referred to as "Developer," and **AUGUSTA, GEORGIA**, a political subdivision of the State of Georgia, acting by and through its Commission, hereinafter referred to as "Augusta."

WHEREAS, Developer requested that Augusta, accept certain roads, storm drains and appurtenances for **HARPER FRANKLIN AVE., GEORGE W. CRAWFORD DRIVE, ADELLE COURT, BELAIR SPRING ROAD, MATHURIN STREET and BATCHELOR COURT**, (AKA as **RIGHT OF WAY DEDICATION For HARPER FRANKLIN AVE., GEORGE W. CRAWFORD DR., ADELLE CT., BELAIR SPRING RD., MATHURIN ST., and BATCHELOR CT.**), as shown by deed contemporaneously tendered and recorded in the office of the Clerk of the Superior Court of Richmond County, Georgia, in Realty Reel _____, page _____, and

WHEREAS, the City has adopted a policy requiring the Developer to maintain all installations laid or installed in the subdivision for a period of eighteen months, which

Augusta accepts by deed;

NOW, THEREFORE, in consideration of the premises, the expense previously incurred by Developer and the mutual agreements hereinafter set out, **IT IS AGREED** that:

(1) Augusta, Georgia, accepts the roads and appurtenances, storm drains and appurtenances, respectfully described in the deed contemporaneously tendered herewith to the Augusta, Georgia, Commission, recorded in the office of the Clerk of the Superior Court of Richmond County, Georgia, in Realty Reel _____, page _____.

(2) The Developer agrees to maintain all the installations laid or installed in said subdivision as described in said deed for a period of eighteen months from the date herein.

(3) The Developer agrees that if during said eighteen month period there is a failure of the installations laid or installed in said subdivision described in the deed due to failure of material or poor workmanship, the Developer shall be responsible for adequate maintenance and repair.

(4) In the event of such failure of the improvements, the City shall notify the Developer and set forth in writing the items in need of repair. The Developer shall present within fifteen business days its proposed plan of repair and shall have the repairs completed at a reasonable time, as determined by Augusta.


(5) In the event of an emergency, as determined by Augusta, the Developer is unable to respond in a timely manner, the City shall be authorized to erect barricades, traffic direction devices and such other temporary measures as are necessary to remedy the emergency nature of the problem at the Developer's expense and to allow the Developer time to make the needed repairs.

(6) In the event the Developer fails to comply with the terms of this agreement, then Augusta shall proceed to have the necessary corrective work done, and the Developer

agrees to be responsible to Augusta for payment in full of costs of repairing the improvements due to failure of material or poor workmanship as liquidated damages.

IN WITNESS WHEREOF, Developer has hereunto set his hand and seal, and Augusta has caused the execution of this agreement by and through its duly authorized officers and agents, with its seal affixed, the day and year first above written.

SIGNED, SEALED AND DELIVERED
in our presence:


(Seal)
Witness


Notary Public, Georgia



COMPANY CORPORATION

By: 

As its: Member Title

ACCEPTED BY:

AUGUSTA, GEORGIA

By: _____
Garnett L. Johnson
As Its Mayor

Attest: _____
Lean Bonner
As Its Clerk of Commission
(SEAL)

Return To:
 Augusta Engineering Department
 452 Walker Street Ste. 110
 Augusta, Ga 30901
 Attn: Walt Corbin

SUBDIVISION: Governors Place, Phase 1

RESOLUTION ADDING ROAD TO THE
 AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Adelle Court is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Augusta, Georgia desires to make Adelle Court a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta Commission of Augusta, Georgia, that Adelle Court is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

(a) Points of beginning and ending:

Beginning at Centerline of George W. Crawford Drive

Extending 283.56 FT. Southwest to the cul-de-sac

(b) Length of road to nearest 1/100th mile:

0.05 mile

(c) Width & type of road surface:

31 feet from back of curb to back of curb;

Type E asphalt

(d) Right-of-Way:

60 foot

The Augusta Commission is hereby directed to forward a certified copy of this resolution

to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

ACCEPTED

AUGUSTA, GEORGIA

Witness

By: _____
Garnett L. Johnson
As Its Mayor

Notary Public
State of Georgia, County of _____

Attest: _____
Lena Bonner
As Its Clerk of Commission

My Commission Expires _____
(Notary Seal)

(SEAL)

Return To:
Augusta Engineering Department
452 Walker Street Ste. 110
Augusta, Ga 30901
Attn: Walt Corbin

SUBDIVISION: Governors Place, Phase 1

RESOLUTION ADDING ROAD TO THE
AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Batchelor Court is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Augusta, Georgia desires to make Batchelor Court a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta Commission of Augusta, Georgia, that Batchelor Court is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

(a) Points of beginning and ending:

Beginning at Centerline of George W. Crawford Drive

Extending South 254.07 FT. to a cul-de-sac

(b) Length of road to nearest 1/100th mile:

0.05 mile

(c) Width & type of road surface:

31 feet from back of curb to back of curb;

Type E asphalt

(d) Right-of-Way:

60 foot

The Augusta Commission is hereby directed to forward a certified copy of this resolution to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

ACCEPTED

AUGUSTA, GEORGIA

Witness

By: _____
Garnett L. Johnson
As Its Mayor

Notary Public
State of Georgia, County of _____

Attest: _____
Lena Bonner
As Its Clerk of Commission

My Commission Expires _____
(Notary Seal)

(SEAL)

Return To:
 Augusta Engineering Department
 452 Walker Street Ste. 110
 Augusta, Ga 30901
 Attn: Walt Corbin

SUBDIVISION: Governors Place, Phase 1

RESOLUTION ADDING ROAD TO THE
 AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Belair Spring Road is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Augusta, Georgia desires to make Belair Spring Road a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta Commission of Augusta, Georgia, that Belair Spring Road is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

(a) Points of beginning and ending:

Beginning at Centerline of George W. Crawford Drive

Extending Northeast 100.72 FT.

(b) Length of road to nearest 1/100th mile:

0.02 mile

(c) Width & type of road surface:

31 feet from back of curb to back of curb;
 Type E asphalt

(d) Right-of-Way:

60 foot

The Augusta Commission is hereby directed to forward a certified copy of this resolution

to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20 ____.

ACCEPTED

AUGUSTA, GEORGIA

Witness

By: _____
Garnett L. Johnson
As Its Mayor

Notary Public
State of Georgia, County of _____

Attest: _____
Lena Bonner
As Its Clerk of Commission

My Commission Expires _____
(Notary Seal)

(SEAL)

Return To:
 Augusta Engineering Department
 452 Walker Street Ste. 110
 Augusta, Ga 30901
 Attn: Walt Corbin

SUBDIVISION: Governors Place, Phase 1

RESOLUTION ADDING ROAD TO THE
 AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, George W. Crawford Drive is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Augusta, Georgia desires to make George W. Crawford Drive a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta Commission of Augusta, Georgia, that George W. Crawford Drive is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:

Beginning at Centerline of Harper Franklin Avenue

Extending South, South East, South, South East 2089.87 FT.

- (b) Length of road to nearest 1/100th mile:

0.40 mile

- (c) Width & type of road surface:

31 feet from back of curb to back of curb:

Type E asphalt

- (d) Right-of-Way:

60 foot

The Augusta Commission is hereby directed to forward a certified copy of this resolution

to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20 ____.

ACCEPTED

AUGUSTA, GEORGIA

Witness

By: _____
Garnett L. Johnson
As Its Mayor

Notary Public
State of Georgia, County of _____

Attest: _____
Lena Bonner
As Its Clerk of Commission

My Commission Expires _____
(Notary Seal)

(SEAL)

Return To:
 Augusta Engineering Department
 452 Walker Street Ste. 110
 Augusta, Ga 30901
 Attn: Walt Corbin

SUBDIVISION: Governors Place, Phase 1

RESOLUTION ADDING ROAD TO THE
 AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Harper Franklin is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Augusta, Georgia desires to make Harper Franklin a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta Commission of Augusta, Georgia, that Harper Franklin is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
 Beginning at Centerline of Harper Franklin _____
 Extending West 349.24 FT. _____
- (b) Length of road to nearest 1/100th mile:
0.07 mile _____
- (c) Width & type of road surface:
31 feet from back of curb to back of curb;
 Type E asphalt
- (d) Right-of-Way:
80 foot _____

The Augusta Commission is hereby directed to forward a certified copy of this resolution

to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

ACCEPTED

AUGUSTA, GEORGIA

Witness

By: _____
Garnett L. Johnson
As Its Mayor

Notary Public
State of Georgia, County of _____

Attest: _____
Lena Bonner
As Its Clerk of Commission

My Commission Expires _____
(Notary Seal)

(SEAL)

Return To:
 Augusta Engineering Department
 452 Walker Street Ste. 110
 Augusta, Ga 30901
 Attn: Walt Corbin

SUBDIVISION: Governors Place, Phase 1

RESOLUTION ADDING ROAD TO THE
 AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Harper Franklin is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Augusta, Georgia desires to make Harper Franklin a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta Commission of Augusta, Georgia, that Harper Franklin is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

(a) Points of beginning and ending:

Beginning at Centerline of Harper Franklin _____

Extending West and Northwest 782.24 ft. to a cul-de-sac _____

(b) Length of road to nearest 1/100th mile:

0.15 mile _____

(c) Width & type of road surface:

31 feet from back of curb to back of curb;
Type E asphalt

(d) Right-of-Way:

60 foot _____

The Augusta Commission is hereby directed to forward a certified copy of this resolution

to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

ACCEPTED

AUGUSTA, GEORGIA

Witness

By: _____
Garnett L. Johnson
As Its Mayor

Notary Public
State of Georgia, County of _____

Attest: _____
Lena Bonner
As Its Clerk of Commission

My Commission Expires _____
(Notary Seal)

(SEAL)

Return To:
 Augusta Engineering Department
 452 Walker Street Ste. 110
 Augusta, Ga 30901
 Attn: Walt Corbin

SUBDIVISION: Governors Place, Phase 1

RESOLUTION ADDING ROAD TO THE
 AUGUSTA-RICHMOND COUNTY ROAD SYSTEM

WHEREAS, Mathurin Street is an existing road in Richmond County, Georgia, open to public usage; and

WHEREAS, Augusta, Georgia desires to make Mathurin Street a part of its County Road System.

NOW, THEREFORE, BE IT RESOLVED by the Augusta Commission of Augusta, Georgia, that Mathurin Street is hereby added to its official County Road System of Record, being described as follows and as shown on the attached sketch map or plat showing the approximate alignment and location of said Road.

- (a) Points of beginning and ending:
 Beginning at Centerline of George W. Crawford Drive
 Extending North 130.00 FT.
- (b) Length of road to nearest 1/100th mile:
0.02 mile
- (c) Width & type of road surface:
31 feet from back of curb to back of curb;
Type E asphalt
- (d) Right-of-Way:
60 foot

The Augusta Commission is hereby directed to forward a certified copy of this resolution

to: Georgia Department of Transportation, Road Inventory Section District 2, Post Office Box 8, Tennille, Georgia 31089.

Adopted this _____ day of _____, 20____.

ACCEPTED

AUGUSTA, GEORGIA

Witness _____

By: _____
Garnett L. Johnson
As Its Mayor

Notary Public
State of Georgia, County of _____

Attest: _____
Lena Bonner
As Its Clerk of Commission

My Commission Expires _____
(Notary Seal)

(SEAL)



Committee Meeting

Meeting Date: May 14, 2024

Section 319(h) FY21 Grant-Element 12

Phase 2 Biota Implementation in an Urban Stream through Aquatic Habitat Restoration

No-Cost Time Extension

File Reference: 24 – 014(A)

Department:	Engineering & Environmental Services
Presenter:	Dr. Hameed Malik, Director
Caption:	Approve and authorize Augusta Engineering accepting no-cost time extension to Georgia Environmental Protection Division (EPD) Section 319(h) FY21 Grant – Element 12 Phase 2 Biota Implementation in an Urban Stream through Aquatic Habitat Restoration and authorize mayor to execute associated documents. AE
Background:	The Clean Water Act Section 319(h) Water Quality grant funds support activities to identify and implement projects for reduction of prioritized risks and concerns in the community such as source assessment and control of pollutant of interest load within state listed impaired water bodies. Biota grant targeted activities include restoring healthy macroinvertebrate and fish through instream aquatic habitat restoration practices. On September 6, 2022, Augusta Commission authorized Augusta Engineering (AE) acceptance of this grant and Augusta entered associated contract with EPD on September 20, 2022 with June 30, 2024 expiration date. No-cost time till 12/31/2025 is needed to complete sufficient data collection and analyze the data collected. Target watershed is Rocky Creek basin.
Analysis:	Grant is reaching its end of current contract period, however, additional monitoring and data collection needed to analyze effectiveness of instituted improvements within the creek base flow zone. EPD & AE discussed no-cost time extension for completing data collection and analyzing it. Accordingly, EPD has provided a contract amendment reflecting the time extension. There is no cost associated with the extension.
Financial Impact:	No additional funding is required.
Alternatives:	1). No alternatives are recommended.
Recommendation:	Approve and authorize Augusta Engineering accepting no-cost time extension to Georgia Environmental Protection Division (EPD) Section 319(h) FY21 Grant – Element 12 Phase 2 Biota Implementation in an Urban

Stream through Aquatic Habitat Restoration and authorize mayor to execute associated documents. AE

Item 2.

Funds are available in the following accounts:

N/A

**REVIEWED AND
APPROVED BY:**

HM/SR

APPENDIX A – REVISION 1
 Scope of Work
 Section 319(h) FY2021 Grant – Element12

1. Project Title: Phase 2 - Biota Improvement in an Urban Stream through Aquatic Habitat Restoration

2. Lead Organization: Augusta, GA (AKA Augusta-Richmond County)
 535 Telfair Street, Building 4000
 Augusta, GA 30901
 (706) 796-5040
 (706)796-5045

Primary Contact: Hameed Malik, Ph.D., P.E.
 Director of Engineering
 Augusta Engineering Department
 Engineering Administration
 452 Walker Street, Suite 110
 Augusta, GA 30901
 (706) 796-5040
 (706) 796-5045
 hmalik@augustaga.gov

Project Start Date: August 2022

Project End Date: December 31, 2025

Federal Amount Requested: **\$117,058**

Match Amount to be Contributed: **\$111,815**

Total Project Amount: **\$228,873**

3. Project Goals:

Phase 2 of this project continues to implement a 2018 Nine-Element Watershed Management Plan (WMP) for the Augusta Canal (HUC-12 #030601060601)/Butler Creek (HUC-12 #030601060602)/Beaverdam Ditch (HUC-12 #030601060607) Watersheds in the Savannah River Basin by addressing Bio F and Bio M water quality impairments in an 8-mile portion of Rocky Creek (HUC-12 030601060607) in Augusta-Richmond County, Georgia. Project goals are to increase a fish Index of Biotic Integrity (IBI) to >16 (Very Poor) and a macroinvertebrate Multi-Metric Index (MMI) in a 100-point scale to >5 (Very Poor). Restoration of biological health may also decrease fecal coliform concentrations based on a well-supported scientific food web theory. These efforts will be documented through pre- and post-BMP monitoring using GAEPD/GADNR standard protocols for sampling fish and macroinvertebrates in streams. Habitat will be restored by directly adding Best Management Practices (BMPs) to the stream to encourage a more natural riffle-pool geomorphology over time and support habitat diversity.

The project supports sections of **Georgia's Statewide NPS Management Plan (2014)**: 319 Grants, Key Stakeholders, Funding, page 92; Water Quality Monitoring, Program Issues, Short Term Goal 1.1 page 64; Water Quality Monitoring, Program Issues, page 79; 319 Program, Short Term Goal 8.1, page 97; Water Quality Monitoring, Short Term Goal 2.4, Page 85; Urban, Short Term Goal 4.2, Page 105; and 319 Grants, Long Term Goal 13, Page 99.

4. Project Background:

Due to delays caused by the COVID-19 pandemic, project activities will be achieved in two phases. Contracted under a Section 319(h) FY2016 grant, Phase 1 resulted in the completion of the following Project Activities and Tasks plus quarterly, annual, and close-out reporting:

Project Activity: Reach out to representatives & convene 3 meetings of Watershed Partnership developed throughout the previous TMDL planning process

Task 1: Introduce project to appropriate watershed partners

Task 2: Convene 3 meetings to solicit input, encourage support, and publicize project

Project Activity: Survey and qualify assessment of existing habitat.

Task 3: Survey of existing habitat in 8-mile reach of Rocky Creek

Task 4: Pre-BMP installation assessment of macroinvertebrate and fish communities in observed habitats

Project Activity: Install BMPs from available options as determined by the assessment

Task 5: Survey of selected reach

Task 6: Engineering Design of Structures

Phase 2 will continue the project based on Project Activities and Tasks listed in **5. Project Activities** below. The BMP installation targets a minimum of 0.25 stream miles (1320 linear feet) along the 6-mile "Headwaters to SR56" reach, with a spacing of approximately one feature every 50-200 ft. Point Bar Formation/Stabilization Structure; Pipe Refugia; Widener/Woody Habitat/Low flow Concentrator; Pool Enhancer; and Cross-Channel Rock Vane BMPs have been evaluated and chosen based on in-stream assessment, project cost, ability to install, and six research/restoration priorities developed by the project team.

A 2016 Total Maximum Daily Load (TMDL) evaluated both a 6-mile segment (Headwaters to SR 56, formerly Headwaters to Phinizy Ditch) and a 2-mile reach (SR 56 to below New Savannah Road) of Rocky Creek in Augusta as Very Poor for diversity in fish and macroinvertebrate community populations. The TMDL does not call for further reduction in sediment loading from external sources into Rocky Creek:

https://epd.georgia.gov/sites/epd.georgia.gov/files/related_files/site_page/Savannah%20Biota%20Impacted%20TMDL%20Report%20%5B2016%5D.pdf

Reduction of sediment will be pursued as an ancillary benefit of habitat BMPs and may improve biotic health further. Therefore, the BMPs selected for this project are intended to stabilize the creek bed and banks so they provide long term habitat as opposed to unconsolidated stream bed and bank sediments.

A fecal coliform bacteria TMDL developed in 2000 for the 2-mile segment of Rocky Creek established an 80% load reduction to achieve state water quality standards:

https://epd.georgia.gov/sites/epd.georgia.gov/files/related_files/site_page/EPA_Rocky_Creek_Fecal_TMDL.pdf

By improving the fish and macroinvertebrate communities, this project will upgrade the overall food web, and help to create an environment that is less hospitable for fecal bacteria.

5. Project Activities:

Project Activity: Install BMPs from available options as determined by the assessment

Task 1: Install and provide for operations and maintenance of structures that create in-stream habitat for biota including fish and macroinvertebrates over a wide range of the food web and varying depth in the water column.

Deliverables: Installation of structural practices; Records of BMP inspections and maintenance kept and made available for review beyond the term of this contract.

Measures of Success: Completion of structural practice installations; BMPs operated and maintained for expected lifespan and in accordance with commonly accepted standards to ensure proper functioning of system as designed.

Project Activity: Targeted monitoring to track post-BMP water quality trends including improvement towards achieving stated goals

Task 2: Post-BMP sampling assessment of macroinvertebrates and fish above, in, and below the BMP installations, including the historic GAEPD monitoring sites, using GAEPD (2007)/GADNR(2005) protocols

Deliverables:

- Finalized QA/QC Water Quality Monitoring Plan for macroinvertebrate & fish assessments
- Post-BMP metrics for stream showing value of BMP compared to areas of stream without habitat restoration

Measures of Success:

- Finalized QA/QC Water quality Monitoring Plan approved by GAEPD
- Data showing an IBI >16 in fish and an MMI >5 in macroinvertebrate biometric values

Project Activity: Publicize study results to scientific and general audience

Task 3: Develop a Case Study paper to summarize the project and publicize through project partner websites and social media outlets

Deliverables:

- Completed paper and
- Presentation made accessible to general public

- Access to presentation through social media

Measures of Success: Documented views of presentation on social media outlets

Task 4: Develop a Case Study paper to summarize the project and present to scientific community at regional water conference

Deliverables:

- Completed paper and
- Presentation at Georgia Water Resources Conference or similar conference

Measures of Success: Acceptance of talk and paper at conference

Project Activity: Reporting Requirements

Task 5: Submit Quarterly Reports, including WBE/MBE reports and invoices, by the 15th of January, April, July, and October of each year during the grant period.

Deliverables: Quarterly deliverables, monitoring data reports, invoices and supporting documentation reporting progress on project and using template provided by GAEPD.

Measures of Success: Quarterly deliverables, monitoring data reports, invoices and supporting documentation reviewed and approved by GAEPD.

Task 6: Participate in project review meetings with GAEPD based on the following schedule: Six months and twelve months after the project start date, then annually through the project term.

Deliverables: Attendance at meetings and verbal or written responses to GAEPD.

Measures of Success: Full participation at all project review meetings.

Task 7: Submit Final Invoice and Closeout Report to GAEPD for review.

Deliverables: Final Invoice and Closeout Report

Measures of Success: Final Invoice and Closeout Report reviewed and approved by GAEPD.

6. Roles and Responsibilities of Participating Organizations:

Organization Name	Specific Responsibilities
City of Augusta	<ul style="list-style-type: none"> • Account for 40% of total project costs in matching funds or in-kind services • Pay funds to appropriate contractor(s) and vendor(s) • Request reimbursements from GAEPD on a quarterly basis • Track the progress of project activities completed, grant funds expended, and match values provided in accordance with the drawdown & implementation schedule • Complete and submit quarterly progress reports and

	<p>invoices to GAEPD by January 15th, April 15th, July 15th, and October 15th of each project year</p> <ul style="list-style-type: none"> • Participate in project review meetings with GAEPD each project year • Complete & submit close-out report at conclusion of project
GAEPD	<ul style="list-style-type: none"> • Provide 60% of total project costs • Review and approve project deliverables • Participate in meetings, as appropriate • Review and assist as needed with 319(h) Grant protocols • Provide project oversight and contract management • Provide monitoring guidance and training
Phinizy Center for Water Sciences	<ul style="list-style-type: none"> • Contract with City of Augusta to perform the following: • Sample, identify, and enumerate aquatic insect and fish species • Assist in report writing • Assist in BMP construction • Subcontract for the following services under an existing subagreement and with a previously approved professional: <ul style="list-style-type: none"> ○ Install and maintain rain gauges and water level loggers ○ Develop rating curves ○ Assist in report writing

7. Project Location:

Rocky Creek runs through and lies entirely within Richmond County. It is a tributary to the Savannah River.

a) Project Area Description and Map:

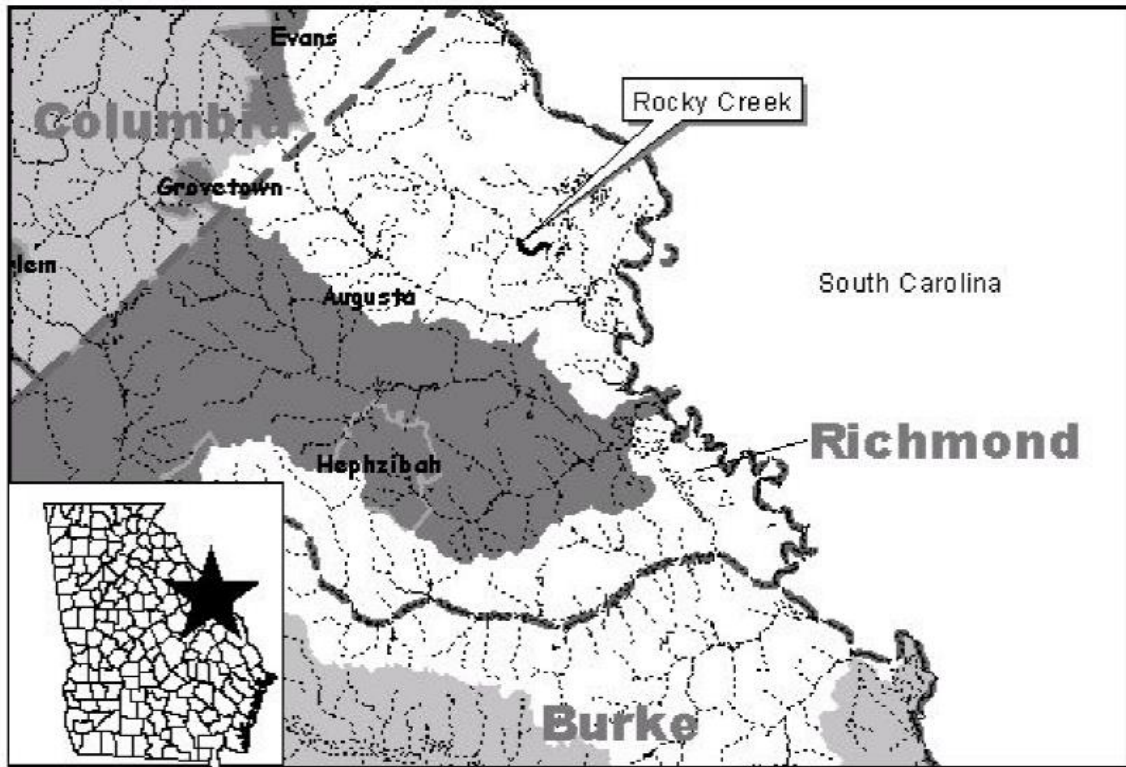


Figure 1. Location of Rocky Creek in the Augusta-Richmond County Area



Figure 2. Rocky Creek Watershed including impaired reaches and proposed restoration area (Red-Fecal Coliform Impaired Reach, Orange-Macroinvertebrate Impaired Reach, Blue-Proposed Target Area)



Figure 3. Aerial photo of the extent of proposed restoration area with Milledgeville Road bordering upstream on the left and Wheelless Road bordering downstream on the right

b) **Project Area Size (Acres):** 8,107 acres

c) **County or Counties:** Richmond

d) **Land Uses within the Watershed(s) or Project Area (Percentages):**

Agricultural	6%
Commercial Forestry	0%
Urban/Residential	78%
Mining/Extraction	1%
Forest/Natural Areas	13%
Water/Wetlands	2%
TOTAL	100%

Data Source & Date: Draft Total Maximum Daily Load Evaluation for Seven Stream Segments in the Savannah River Basin for Sediment, 2015

e) **Hydrologic Unit Code(s), Watershed Name(s) and Priority Watershed(s):**

HUC-10: #0306010606 Name: Rocky Creek Priority: NA

8. Nonpoint Source Pollution Impairments and Healthy Waters:

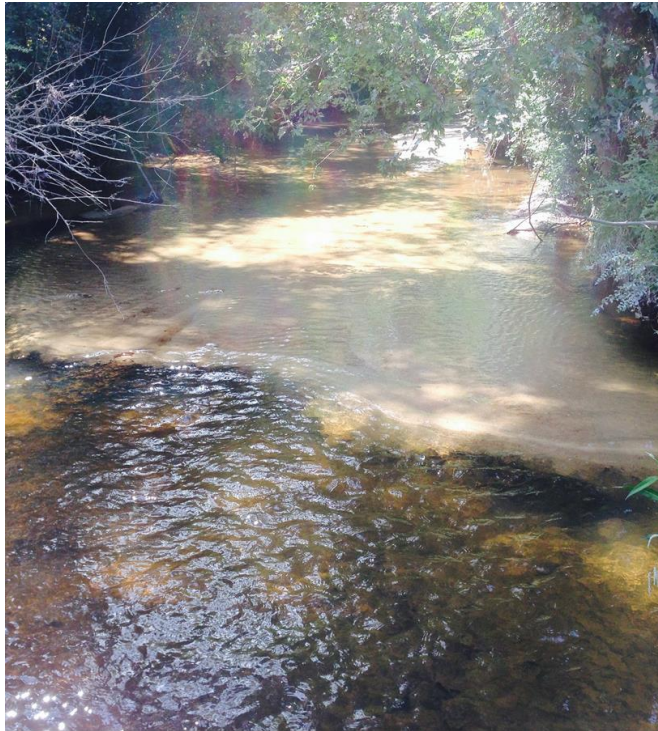
a) **Section 305(b)/303(d) List of Waters:**

Water Body Segment Name (Segment Length (Miles) or Embayment Acreage)	County Location(s)	Criterion Violated or Water Quality Concern (Healthy Water)	Listing Status Category 4a, 5 or 1
Rocky Creek (2 miles)	Richmond	Bio M, Bio F, Fecal Coliform	4a
Rocky Creek (6 miles)	Richmond	Bio M, Bio F	4a

b) **Secondary Pollutant(s):**

In addition to the impairments already listed, there is evidence that sediment from the stream itself could be contributing to sediment load in the stream. Significant gully and

channel erosion can be observed in the channel as well as a great deal of bed movement. Higher flows cause significant movement of bed features.



9. Monitoring:

DRAFT QA/QC Water Quality Monitoring Plan as Attachment (listed in Section 11.)

GADNR, 2005-*Standard operating procedures for conducting biomonitoring on fish communities in wadeable streams in Georgia* at <http://www.georgiawildlife.com/node/913>

GAEPD, 2007-*Macroinvertebrate Biological Assessment of Wadeable Streams in Georgia; Standard Operating Procedures* at <http://epd.georgia.gov/macroinvertebrate-bioassessment-standard-operating-procedures-sop-and-metric-spreadsheets>

GAEPD is working on revising the multi metric index (MMI) used to assess the health of macroinvertebrate communities. Until the MMI revision is completed, GAEPD will consider resampling sites where the macroinvertebrate score is 80 or above using the guidelines below. http://epd.georgia.gov/sites/epd.georgia.gov/files/related_files/site_page/Guidelines%20for%20Listing%20and%20Delisting%20of%20Biological%20Data_Feb2016_Version1_2_Revised_August%202016.pdf

10. Project Budget:

Item	Item Class Category	319(h) Grant Funds (60% Maximum)	Non-Federal Matching Funds (40% Minimum)	Total
A	Personnel: One (1) AED Director – approximately 0.007 FTE (\$170,000/year) for 2 years Description of Duties: City Project Management, Project oversight, BMP decisions		2,380	2,380
	One (1) Stormwater Serv. Mgr. - approximately 0.15 FTE (\$122,000/year) for 2 years Description of Duties: Project Management, Project oversight, Fieldwork, BMP decisions		36,600	36,600
	One (1) Engineering Mgr. - approximately 0.01 FTE (\$109,900/year) for 2 years Description of Duties: Engineering Design, Permitting, Project Management, BMP decisions		2,198	2,198
	One (1) Stormwater Coordinator - approximately 0.01 FTE (\$60,672/year) for 2 years Description of Duties: Engineering Design, Permitting, Project Management, BMP decisions		1,213	1,213
	One (1) Staff Engineer - approximately 0.01 FTE (\$79,000/year) for 2 years Description of Duties: Engineering Design, Permitting, Project Management, BMP decisions		1,580	1,580
	One (1) AED Assist. Director – approximately 0.01 FTE (\$101,000/year) for 2 years Description of Duties: City Project Management, Project oversight, BMP decisions		2,020	2,020
	One (1) Asset Manager - approximately 0.01 FTE (\$106,000/year) for 2 years Description of Duties: GIS, Survey, BMP decisions		1,908	1,908
	One (1) GIS analyst - approximately 0.01 FTE (\$48,847/year) for 2 years Description of Duties: GIS, Survey, BMP decisions		977	977
	One (1) GIS analyst - approximately 0.01 FTE (\$58,532/year) for 2 years Description of Duties: GIS, Survey, BMP decisions		1,171	1,171
	Sub Total:	0	50,047	50,047
B	Fringe Benefits: Included in Item A @ a rate of 30%		0	0
	Sub Total:	0	0	0
C	Travel: Staff Position: Purpose of Travel: 833 Miles x Mileage Rate (\$.545 mile)		0	0
	Sub Total:	0	0	0
D	Equipment: Equipment: Purpose/Use:			
	Sub Total:	0	0	0
E	Supplies: Supplies: Purpose/Use:			
	Sub Total:	0	0	0

Item	Item Class Category	319(h) Grant Funds (60% Maximum)	Non-Federal Matching Funds (40% Minimum)	Total
	CONTRACTUAL: PHINIZY CENTER (NGO) Up to four (4) Aquatic Ecologists – approximately 0.125 FTE (\$35,000/year) for 2 years = \$35,000 Description of Duties: Assisting with BMP sites survey, aquatic sampling and subcontracting the following for BMP construction: <ul style="list-style-type: none"> One (1) Project Engineer- approximately 0.25 FTE (\$80,000/year) for 2 years = \$40,000 Description of Duties: BMP selection and engineering, assist with survey, report writing and project management <ul style="list-style-type: none"> One (1) Construction Contractor - TBD = \$103,826 Description of Duties: Install BMPs	117,058	61,768	178,826
	Sub Total:	117,058	61,768	178,826
G	Construction: (Does not apply to GAEPD Section 319(h) Grants)	N/A	N/A	N/A
H	Other:			
	Sub Total			
I	Total Direct Charges: (Sum of A-H)	117,058	111,815	228,873
J	Indirect Charges: (0% Eligible for Reimbursement with Federal Dollars)	N/A	Up to 100%	
K	Total: (Sum of I and J)	117,058	111,815	228,873

Narrative Justification for Item Class Categories:

Personnel (A): Personnel in this item class category are all Augusta-Richmond County employees within the Augusta Engineering Department (AED) and are all contributing time as Non-Federal matching contributions to the project. Since this project includes stream restoration efforts that have potential impacts on in-stream flows within one of the Richmond County streams, the AED will treat this as a submitted county construction project which will go through our plan review and permitting processes. In addition, this project requires more specialized elements that include engineering, buffer assessments and permitting, BMP installation and monitoring, aquatic ecology, project management, and water quality assessments. All necessary personnel to perform those necessary duties are included in this grant.

- AED Director: approximately (0.007 FTE @ \$170,000/year) will have project oversight duties, will be involved in planning, and will participate in draft and final report reviews.
- AED Stormwater Services Manager: approximately (0.15 FTE @ \$122,000/year), will oversee, manage and coordinate project, provide aquatic ecology and water quality technical advice, input on BMP decisions, and organize and participate in fieldwork.
- AED Engineering Manager: approximately (0.01 FTE @ \$109,900/year), will provide plan review oversight, engineering design support, permit writing support, input on BMP decisions and monitoring, and project management support.
- AED Stormwater Coordinator: approximately (0.01 FTE @ \$60,672/yr) will have BMP design input, fieldwork and project management responsibilities.
- AED Staff Engineer: approximately (0.01 FTE @ \$79,000/yr) will have BMP design input, engineering design support, fieldwork and project management responsibilities.

- AED Assistant Director-Maintenance: approximately (0.01 FTE @ \$101,000/yr) will have project management, project oversight, and site maintenance responsibilities.
- AED Asset Manager: approximately (0.01 FTE @ \$106,000/yr) will have GIS, survey, and BMP design input.
- AED GIS analyst: approximately (0.01 FTE @ \$48,847/yr) will have GIS, survey, and BMP design input.
- AED GIS analyst: approximately (0.01 FTE @ \$58,532/yr) will have GIS, survey, and BMP design input.

Fringe benefits (B): Personnel in this item class category are all Augusta-Richmond County employees within the Augusta Engineering Department (AED) and are all contributing time as Non-Federal matching contributions to the project. Fringe benefits rate for AED employees is 30% and fringe benefits are included in Personnel Line Item.

Supplies (E): Supplies have been reallocated to Contractual expenses

Contractual (F): Phinizy Center for Water Sciences will be the Contractual Manager for the project and will make use of an existing subcontract and approved professional relationship as well as subcontract with qualified companies, consultants, and institutions to outsource monitoring, engineering and construction services. See below Justification for scope of services.

- Phinizy Center for Water Sciences: Phinizy Center (0.125 FTE @\$35,000/year) includes at a maximum four (4) staff members experienced in aquatic ecology and geomorphology in urban streams. Personnel qualified for this function include aquatic ecologists, researchers, and other specialists to perform post-BMP implementation surveys, geomorphic characterizations, hydrologic analyses, and report writing. The team will also be involved in taking advantage of an existing subagreement and a previously approved professional relationship to outsource aquatic monitoring services. In addition, Phinizy Center will outsource for microelectronics, survey assistance, and report writing, where needed and subcontract the following for BMP construction:
- One (1) Project Engineer - approximately 0.25 FTE (\$80,000/year) for 2 years = \$40,000 for BMP selection and engineering, assist with survey, report writing and project management.
- One (1) Construction Contractor - TBD = \$103,826 to install BMPs.

Phase 2 of this project will install Bioengineering BMPs within Rocky Creek to increase available habitat for aquatic insect and fish populations. Most supplies have already been acquired in Phase 1. However, the budgets for BMP installation in this Line Item may include additional items for construction and live plants.

Planting

- Live Stakes: (\$1-\$4 each) assuming a minimum of 12 groups of 50 at \$4 each = \$2,400
- Herbaceous Plugs = \$3,000

Additional Items

- Temporary Construction Entrances (2) = \$4,000

11. Project Attachment(s):

Link: 2018 Nine-Element Watershed Management Plan for the Augusta Canal (HUC-12 #030601060601) / Butler Creek (HUC-12 #030601060602) / Beaverdam Ditch (HUC-12 #030601060607) Watersheds in Savannah River Basin
<https://epd.georgia.gov/document/document/augustacanalbutlercreekbeaverdamditchwmp0306010606y2018pdf/download>

Attachment 1: Post-BMP QA/QC Water Quality Monitoring Plan

Appendix B - REVISION 1: Phase 2 Biota Improvement in an Urban Stream through Aquatic Habitat Restoration																																		Item										
	Initial	1st Quarter			2nd Quarter			3rd Quarter			4th Quarter			5th Quarter			6th Quarter			7th Quarter			8th Quarter			9th Quarter			10th Quarter			11th Quarter			12th Quarter			13th Quarter			14th Quarter			Total
Grant Drawdown Amount	\$117,058	\$0			\$0			\$24,263			\$0			\$19,977			\$21,181			\$18,345			\$8,000			\$0			\$3,980			\$4,618			\$0			\$4,988			\$11,706			\$0
Percent Federal Remaining	100%	100%			100%			79%			79%			62%			44%			28%			22%			22%			18%			14%			14%			10%			0%			0%
Match Amount	\$0	\$0			\$723			\$11,207			\$534			\$15,201			\$17,156			\$15,926			\$11,500			\$4,817			\$5,791			\$7,478			\$6,800			\$3,500			\$11,182			\$111,815
Percent Match Accrued	0%	0%			1%			11%			11%			25%			40%			54%			54%			54%			54%			54%			54%			64%			100%			
Milestones/Tasks		Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	
Execute Contract																																												
Task 1: Implement and install BMPs																																												
Task 2: Carry out post BMP sampling for fish and macros																																												
Task 3: Develop a case study paper or presentation for the project and publish to partner websites/social media																																												
Task 4: Develop a case study paper or presentation for the project and submit/present at water conference																																												
Task 5: Submit Quarterly Invoices & Status Reports																																												
Task 6: Participate in project review meetings with GAEPD																																												
Task 7: Submit Final Close-Out Report																																												
Color KEY																																												
Deliverable to EPD																																												
Data Produced																																												
Information Conveyed																																												
Design/Construction																																												

AMENDMENT 1

WITH

AUGUSTA, GEORGIA (AUGUSTA–RICHMOND COUNTY)

FOR

**PHASE 2 BIOTA IMPROVEMENT IN AN URBAN STREAM THROUGH AQUATIC
HABITAT RESTORATION**

SECTION 319(h) FY21 GRANT - ELEMENT 12

THIS MODIFICATION made this 30th day of June 2024, to a pre-existing contract dated September 30, 2022, between the AUGUSTA, GEORGIA (AUGUSTA–RICHMOND COUNTY) hereinafter referred to as the “Contractor,” and the ENVIRONMENTAL PROTECTION DIVISION OF THE DEPARTMENT OF NATURAL RESOURCES, STATE OF GEORGIA, hereinafter referred to as the “Division.”

WITNESSETH

WHEREAS, the Contractor and the Division had previously entered into a contract on September 30, 2022, (a copy of which is attached) which they now desire to modify in certain particulars:

NOW, THEREFORE, it is mutually agreed that the attached contract shall be modified in the following manner:

1. In the contract, For Item 3, Term; Time of Performance, delete the date of June 30, 2024, and substitute in its place December 31, 2025.
2. In the contract, for Appendix A, Scope of Work, delete the existing Appendix A: Scope of

Work and substitute in its place the attached Appendix A: Scope of Work – Revision 1 which extends the Project End Date.

3. In the Contract, for Appendix B, Project Schedule, delete the existing Appendix B: Project Schedule and substitute in its place the attached Appendix B: Project Schedule – Revision 1 which extends the contract term with additional quarters and reallocates quarterly federal grant drawdown and match amounts.

IN WITNESS WHEREOF, the parties have hereunto, and to a duplicate hereof of like tenor and effect acting by and through their duly authorized officers or agents, set their hands the day and year first above written.

**The Environmental Protection
Division of the Department of
Natural Resources, State of
Georgia**

**Augusta, Georgia (Augusta-
Richmond County)**

BY: _____

Jeffrey W. Cown
Director

Date:

BY: _____

Garnett L. Johnson
Mayor

Date:



Engineering Services

Meeting Date: May 14, 2024

Sole Source Procurement – Power Provider

Department:	Utilities
Presenter:	Wes Byne
Caption:	Approve Sole Source Procurement of Power Provider for Augusta Corporate Park Wastewater Pumping Station
Background:	The Augusta Utilities Department requires electrical power service for a new wastewater pumping station to serve the Augusta Corporate Park. Jefferson Energy Cooperative is the sole designated power provider for the Corporate Park. This pumping station will provide wastewater service for many of the current and future occupants of the park. Jefferson Energy has provided the attached proposal letter stating the cost of the service installation will be \$186,155.00.
Analysis:	This service is needed to provide power for a new wastewater pumping station to serve the Augusta Corporate Park. This service is only available from this provider.
Financial Impact:	\$186,155.00 from budgeted funds
Alternatives:	None
Recommendation:	Approve procurement of electrical power service installation by Jefferson Energy Cooperative at a cost of \$186,155.00.
Funds are available in the following accounts:	G/L 507043490-5425410, J/L 82300030-5425410
<u>REVIEWED AND APPROVED BY:</u>	N/A



Agenda Item

Sole Source Justification (Reference Article 6, Procurement Source Selection Methods and Contract Awards, § 1-10-56 SOLE SOURCE PROCUREMENT)Vendor: Jefferson Energy Cooperative E-Verify Number: 161528Commodity: Electrical Power Service InstallationEstimated annual expenditure for the above commodity or service: \$ \$186,155.00

Initial all entries below that apply to the proposed purchase. Attach a memorandum containing complete justification and support documentation as directed in initialed entry. (More than one entry will apply to most sole source products/services requested).

- _____ 1. SOLE SOURCE REQUEST IS FOR THE ORIGINAL MANUFACTURER OR PROVIDER, THERE ARE NO REGIONAL DISTRIBUTORS. (Attach the manufacturer's written certification that no regional distributors exist. Item no. 4 also must be completed.)
- _____ 2. SOLE SOURCE REQUEST IS FOR ONLY THE AUGUSTA GEORGIA AREA DISTRIBUTOR OF THE ORIGINAL MANUFACTURER OR PROVIDER. (Attach the manufacturer's — not the distributor's — written certification that identifies all regional distributors. Item no. 4 also must be completed.)
- _____ 3. THE PARTS/EQUIPMENT ARE NOT INTERCHANGEABLE WITH SIMILAR PARTS OF ANOTHER MANUFACTURER. (Explain in separate memorandum.)
- X 4. THIS IS THE ONLY KNOWN ITEM OR SERVICE THAT WILL MEET THE SPECIALIZED NEEDS OF THIS DEPARTMENT OR PERFORM THE INTENDED FUNCTION. (Attach memorandum with details of specialized function or application.)
- _____ 5. THE PARTS/EQUIPMENT ARE REQUIRED FROM THIS SOURCE TO PERMIT STANDARDIZATION. (Attach memorandum describing basis for standardization request.)
- _____ 6. NONE OF THE ABOVE APPLY. A DETAILED EXPLANATION AND JUSTIFICATION FOR THIS SOLE SOURCE REQUEST IS CONTAINED IN ATTACHED MEMORANDUM.

The undersigned requests that competitive procurement be waived and that the vendor identified as the supplier of the service or material described in this sole source justification be authorized as a sole source for the service or material.

Name: Tess Thompson Department: AWD Date: 5/03/24Department Head Signature: [Signature] Fur Wes Dyne Date: 5/3/24Approval Authority: [Signature] Date: 5/6/24

Administrator Approval: (required — not required) _____ Date: _____

COMMENTS:




UTILITIES DEPARTMENT

Wes Byne, P.E.
Director

TO: Geri Sams
Director, Procurement Department

THRU: Wes Byne, P.E.
Director, Utilities Department

FROM:

CC: Allen Saxon 

DATE: 5/3/2024

SUBJECT: JUSTIFICATION FOR SOLE SOURCE

The Augusta Utilities Department requires electrical power service for a new wastewater pumping station to serve the Augusta Corporate Park. Jefferson Energy Cooperative is the sole designated power provider for the Corporate Park. This pumping station will provide wastewater service for many of the current and future occupants of the park. Jefferson Energy has provided the attached proposal letter stating the cost of the service installation will be \$186,155.00.



Jefferson Energy Cooperative

An Electric Membership Corporation

Item 3.

3077 Highway 17 North
Post Office Box 457
Wrens, Georgia 30833
Telephone (706) 547-2167
Facsimile (706) 547-5075
www.jec.coop

RE: Augusta Corporate Park – Valencia Way – Richmond County
Pumping Station

To whom it may concern,

The CIA to install underground primary to serve the 3-phase pump on Valencia way is \$186,155. Please note that the Augusta Corporate Park's covenants require our facilities to be underground.

If you have any questions or concerns, please let me know.

Thank you,

Samuel Marvicsin

Engineering Technician
Cell 706-872-5145 / Work 706-547-5122



Jefferson Energy Cooperative
An Electric Membership Corporation



Engineering Services Committee

April 30, 2024

Presentation and discussion by Coastal Waste & Recycling of Georgia LLC

Department:	N/A
Presenter:	N/A
Caption:	Presentation and discussion by Coastal Waste & Recycling of Georgia LLC for RFP#23-112 Solid Waste & Recyclable Collection Services – Zone One. (Requested by Commissioner Brandon Garrett)
Background:	N/A
Analysis:	N/A
Financial Impact:	N/A
Alternatives:	N/A
Recommendation:	N/A
Funds are available in the following accounts:	N/A
<u>REVIEWED AND APPROVED BY:</u>	N/A

Lena Bonner

From: Brandon Garrett <brandon@azaleaoutdoor.com>
Sent: Friday, February 23, 2024 9:38 AM
To: Lena Bonner
Cc: Jay Howe
Subject: [EXTERNAL] March 5 Agenda Item

Please add-

Presenataion and discussion by Coastal Waste & Recycling of Georgia LLC. for RFP #23-112.Solid Waste & Recyclable Collection Servies-Zone One. Representatives from Coastal Waste will be present to provide information.

Thank you,

Brandon Garrett
Sales Manager
706.836.6317



AZALEA

"Make it simple. Make it memorable. Make it inviting to look at. Make it fun to read."

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From: Brandon Garrett <brandon@azaleaoutdoor.com>
Sent: Thursday, April 18, 2024 10:48 AM
To: Lena Bonner
Cc: Commissioner Alvin D. Mason
Subject: Re: [EXTERNAL] Engineering Committee

Please add to April 30 agenda

Have a great day!

Brandon Garrett

Sales Manager

Azaleaoutdoor.com
706.836.6317

From: Lena Bonner <lbonner@augustaga.gov>
Sent: Thursday, April 18, 2024 10:32:54 AM
To: Brandon Garrett <brandon@azaleaoutdoor.com>
Cc: Commissioner Alvin D. Mason <AMason@augustaga.gov>
Subject: RE: [EXTERNAL] Engineering Committee

Mayor Pro Tem Garrett,

Because there are five (5) weeks/Masters Tournament, etc. this month the ESC meeting will be held on Tuesday, April 30, 2024 not next week..

Also, the ESC committee in its March 12th meeting committee chose not to address the Coastal Waste/addendum agenda request after hearing from the Procurement Department). Please see the attached minutes for further insight on this matter.

Regards.

*Lena J. Bonner
Clerk of Commission
Office of the Clerk of Commission
535 Telfair Street
Augusta, GA 30901
(706) 821-1820 - Office
(706) 821-1838 - Office Fax*

From: Brandon Garrett <brandon@azaleaoutdoor.com>
Sent: Thursday, April 18, 2024 9:59 AM
To: Lena Bonner <lbonner@augustaga.gov>



Commission Meeting

March 19, 2024

AO EESD WM Contract Extension 2

Department:	Office of the Administrator
Presenter:	Takiyah A. Douse, Interim Administrator
Caption:	Motion to approve the Administrator's recommendation to extend the residential solid waste and recyclables collection second transition agreement between Augusta, Georgia, and Georgia Waste Systems, LLC from July 1, 2024, to December 31, 2025, for \$21.86 per house, per month. (Referred from February 27 Engineering Services Committee) (No recommendation from Engineering Services Committee March 12, 2024)
Background:	N/A
Analysis:	N/A
Financial Impact:	N/A
Alternatives:	N/A
Recommendation:	Approve the Administrator's recommendation to extend the residential solid waste and recyclables collection second transition agreement between Augusta, Georgia, and Georgia Waste Systems, LLC from July 1, 2024, to December 31, 2025, for \$21.86 per house, per month.
Funds are available in the following accounts:	N/A
<u>REVIEWED AND APPROVED BY:</u>	N/A

**RESIDENTIAL SOLID WASTE AND RECYCLABLES COLLECTION
SECOND EXTENSION AGREEMENT BETWEEN
AUGUSTA, GEORGIA AND
GEORGIA WASTE SYSTEMS, LLC**

This **Second Extension Agreement** is entered into as of _____, 2024 between Augusta Georgia, a political subdivision of the state of Georgia (hereinafter “Augusta”) and Georgia Waste Systems, LLC, successor in interest to Advanced Disposal Services Augusta, LLC (“Contractor”) (hereinafter collectively referred to as the “Parties”).

WITNESSETH

WHEREAS, the Parties entered into that certain Agreement for Solid Waste and Recyclables Collection dated August 7, 2012, as previously amended in the First Amendment dated October 20, 2020 (collectively “the Agreement”);

WHEREAS, the Parties entered into an agreement on October 3rd, 2023, to extend the Agreement for a period of up to six (6) months to terminate on June 30, 2024 (“Termination Date”);

WHEREAS, the Parties now desire to extend the Agreement for another period of eighteen (18) months beyond the Termination Date, as well as amend certain other terms of the Agreement as set forth below, in order to ensure continuity of services to Augusta citizens.

WHEREAS, the Parties agree to the following terms and conditions and expressly agree that if any of the following terms and conditions conflict with any of the terms and conditions of the Agreement, then notwithstanding any term in the Agreement, the following terms and conditions govern and control the rights and obligations of the Parties.

NOW THEREFORE, in consideration of the mutual premises contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereto, each intending to be legally bound, do hereby agree to amend the Agreement as follows:

1. The Term of the Agreement is hereby extended for an additional eighteen (18) months beginning July 1, 2024 and terminating December 31, 2025 (hereinafter the “Second Transition Period”).

2. Extension Compensation. Augusta agrees to pay Contractor an *additional* \$2.56 per home, per month, increase during the Second Transition Period. For clarity, the new rate during the Second Transition Period shall be \$21.86 per home per month.
3. Damages/Fines. Augusta agrees to eliminate all Damages or Fines against Contractor during the Second Transition Period.
4. Except as set forth herein, all terms and conditions contained in the Agreement shall remain in full force and effect and be binding upon the Parties thereto.
5. This Second Extension Agreement is hereby incorporated into the Agreement and made a part thereof. Together, the Agreement, any Amendments, and any Extension Agreements contain the entire agreement between the Parties as to the matters contained therein.

[signatures on following page]

IN WITNESS WHEREOF, the parties hereto have set their hands as of this _____ day of _____, 2024.

AUGUSTA, GEORGIA

By: _____

Attest

Its: _____

GEORGIA WASTE SYSTEMS, LLC

By: _____

Attest

Print Name: _____



Engineering Services Committee

May 14, 2024

Minutes

Department:	N/A
Presenter:	N/A
Caption:	Motion to approve the minutes of the Engineering Services Committee held on April 30, 2024.
Background:	N/A
Analysis:	N/A
Financial Impact:	N/A
Alternatives:	N/A
Recommendation:	N/A
Funds are available in the following accounts:	N/A
<u>REVIEWED AND APPROVED BY:</u>	N/A



ENGINEERING SERVICES COMMITTEE MEETING MINUTES

Commission Chamber
Tuesday, April 30, 2024
1:05 PM

ENGINEERING SERVICES

PRESENT

Mayor Garnett Johnson
Commissioner Catherine Smith-McKnight
Commissioner Tony Lewis
Commissioner Brandon Garrett

ABSENT

Commissioner Alvin Mason

1. Approve and authorize Augusta Engineering to submit, accept and receive Georgia Department of Transportation (GDOT) Financial Assistance through GDOT FY2024 Local Road Assistance Administration (LRA) Funds for Proposed Augusta Canal Pedestrian Bridge. Also authorize Augusta Mayor to sign associated documents. /AE

Motion to approve.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Smith-McKnight, Lewis, Garrett

Motion carries 3-0.

2. Approve and authorize Mayor to renew & execute intergovernmental agreement (IGA), at the discretion of the Augusta Law Department, between Augusta, Georgia and the Burke County, Georgia (County) to allow the County residential solid waste disposal at the Augusta Deans Bridge Road MSW Landfill at a waste disposal special unit rate. /AE

Motion to approve this contract for one year and then bring it back in a year with a five-year contract with built in increases.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Smith-McKnight, Lewis, Garrett

Motion carries 3-0.

3. Approve and authorize Augusta Engineering (AEESD) to submit, accept and receive Georgia Department of Transportation (GDOT) Financial Assistance from GDOT Local Road Assistance Administration (LRA) Funds through Local Maintenance and Improvement Grant (LMIG) FY2024 Supplemental for Road Improvements & maintenance projects (Listed under Financial Impact Section). Also authorize Augusta Mayor to sign GDOT E-Verify affidavit and LMIG Submittal Cover Letter as need arises. /AE

Motion to approve.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Smith-McKnight, Lewis, Garrett

Motion carries 3-0.

4. Approve Revision to Funds Allocation of Construction Contract to Kiewit Infrastructure South Co. (Kiewit) in the amount of \$3,585,500.70 for Transportation Investment Act (TIA) Projects, Highland Ave. Bridge over CSX & Walton Way Bridge over Hawks Gully Maintenance Repairs Projects. Also authorize and approve reallocating TIA-Discretionary Recaptured \$768,191.70 from Highland Ave, Bridge over CSX to 13th Street Improvements Project. AE/RFP 22-281A.

Motion to approve.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Smith-McKnight, Lewis, Garrett

Motion carries 3-0.

5. Approve Supplement funding (SA1) to Cranston Engineering (Cranston) in the amount of \$24,835.00 for the 5th Street Improvements Construction Phase Services (CEI). AE/RFP 18-283

Motion to approve.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Smith-McKnight, Lewis, Garrett

Motion carries 3-0.

6. Presentation and discussion by Coastal Waste & Recycling of Georgia LLC for RFP#23-112 Solid Waste & Recyclable Collection Services – Zone One. **(Requested by Commissioner Brandon Garrett)**

Motion to delete this item from the agenda and refer it to the next committee meeting.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Smith-McKnight, Lewis, Garrett

Motion carries 3-0.

7. Motion to Approve RFQ #23-263: Task Order Program (2023) for Utilities Department in the amount of \$4,000,000.00 for execution by Beam's Construction, Inc.; Blair Construction, Inc.; Garnto Southern Construction, Inc.; Gearig Civilworks, LLC; BD Garner Sitework; CBH Excavation; Quality Plus Services and Shockley Plumbing as qualified and selected contractors. The term of the contract is for one (1) year with the option to extend for 4 additional one year terms.

Motion to approve.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Smith-McKnight, Lewis, Garrett

Motion carries 3-0.

8. Approve the extension of the existing MOU with Augusta University to develop an internship program centered around Smart City sensors and programs.

Motion to approve.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Smith-McKnight, Lewis, Garrett

Motion carries 3-0.

9. Motion to approve the Administrator's recommendation to extend the residential solid waste and recyclables collection second transition agreement between Augusta, Georgia, and Georgia Waste Systems, LLC from July 1, 2024, to December 31, 2025, for \$21.86 per house, per month. **(Referred from March 26 Engineering Services Committee)**

Motion to delete this item from the agenda and refer it to the next committee meeting.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Smith-McKnight, Lewis, Garrett

Motion carries 3-0.

10. Approve Bid #24-173 for the Augusta Corporate Park Utility Extension to Gearig Civilworks, LLC and approve AUD Director or designee to execute all documents required to ensure EDA compliance.

Motion to approve.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Smith-McKnight, Lewis, Garrett

Motion carries 3-0.

11. Motion to approve the minutes of the Engineering Services Committee held on March 26, 2024.

Motion to approve.

Motion made by Garrett, Seconded by Smith-McKnight.

Voting Yea: Smith-McKnight, Lewis, Garrett

Motion carries 3-0.



Engineering Services Committee

May 14, 2024

Probation Cleanup

Department:	N/A
Presenter:	N/A
Caption:	Discuss probation cleanup and the reason for reduction in the workforce by the Engineering Dept. Also discuss the relationship between the Marshal and Engineering Departments. (Requested by Commissioner Sean Frantom)
Background:	N/A
Analysis:	N/A
Financial Impact:	N/A
Alternatives:	N/A
Recommendation:	N/A
Funds are available in the following accounts:	N/A
<u>REVIEWED AND APPROVED BY:</u>	N/A

Lena Bonner

From: Commissioner Sean Frantom
Sent: Wednesday, May 8, 2024 3:58 PM
To: Lena Bonner; Takiyah A. Douse; Hameed Malik; Amelio R. Lamkin
Subject: Agenda item

Ms. Bonner,

Please add the following agenda item to engineering services -

Discuss probation cleanup and the reason for reduction in the workforce by the engineering dept. Also discuss the relationship between the marshal and engineering departments.

Thanks,
Sean

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AED:104 1

