



**Monday, August 28, 2023**  
**Operations and Planning Committee Meeting**

**AGENDA**  
**Renewable Water Resources**  
**561 Mauldin Road**  
**Greenville, SC 29607**  
**Board Room**  
**2:30 P.M.**

**1. Call to Order**

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1.01 Call to Order

**2. Welcome**

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2.01 Commissioners: Committee Chair Danny Holliday, John T. Crawford Jr., Phyllis Henderson, Ray Overstreet, Tab Patton

2.02 Non-Committee Members and Staff Present

2.03 Recognition and Introduction of Visitors Present

**3. Mauldin Road Course Screen and Headworks Gate Actuator Replacement Construction Contract Award**

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3.01 Mauldin Road Course Screen and Headworks Gate Actuator Replacement Construction Contract Award (Memo, Map, Resolution)\*\*

**4. Saluda #4 Pump Station Elimination Construction Contract Amendment No. 2**

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4.01 Saluda #4 Pump Station Elimination Construction Contract Amendment No. 2 (Memo, Map, Resolution)\*\*

**5. Basin Master Plan Engineering Services Contract Award**

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5.01 Basin Master Plan Engineering Services Contract Award (Memo, Resolution)\*\*

**6. Mauldin Road Solar Dryer CMAR Preconstruction Services Contract Award**

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6.01 Mauldin Road Solar Dryer CMAR Preconstruction Services Contract Award (Memo, Map, Resolution)\*\*

**7. George's Creek Onsite Equalization Engineering Services Contract Amendment No. 1**

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7.01 George's Creek Onsite Equalization Engineering Services Contract Amendment No. 1 (Memo, Map, Resolution)\*\*

**8. Enoree River Gravity Sewer Upgrade Right of Way Acquisition**

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8.01 Enoree River Gravity Sewer Upgrade Right of Way Acquisition (Map, Resolution)\*\*

**9. New Business**

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9.01 Presentation: Growth and Industrial Development by David Rankin

9.02 Verbal Briefing on Upcoming Projects and Items of Interest - NO ACTION REQUIRED

**10. Unfinished Business**

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10.01 Unfinished Business

**11. Other Business**

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11.01 Other Business

**12. Meeting Disclosures**

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12.01 \*\*Following Board review and approval, this item will be made available to the public upon request based on ReWa's Public Information Policy approved May 23, 2011.

**13. Adjournment**

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13.01 Adjourn the Meeting

**DATE:** August 28, 2023  
**TO:** Board of Commissioners  
**FROM:** Brianna Wallace  
**CC:** Joel Jones, David Niese, Becca Bowyer  
**SUBJECT:** Mauldin Road Coarse Screen and Headworks Gate Actuator Replacement Construction Contract Award



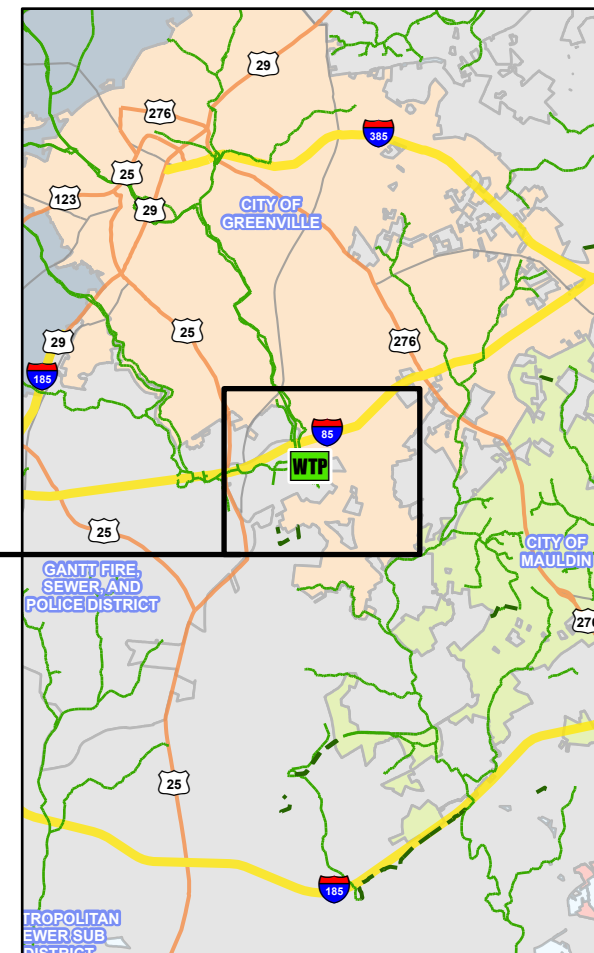
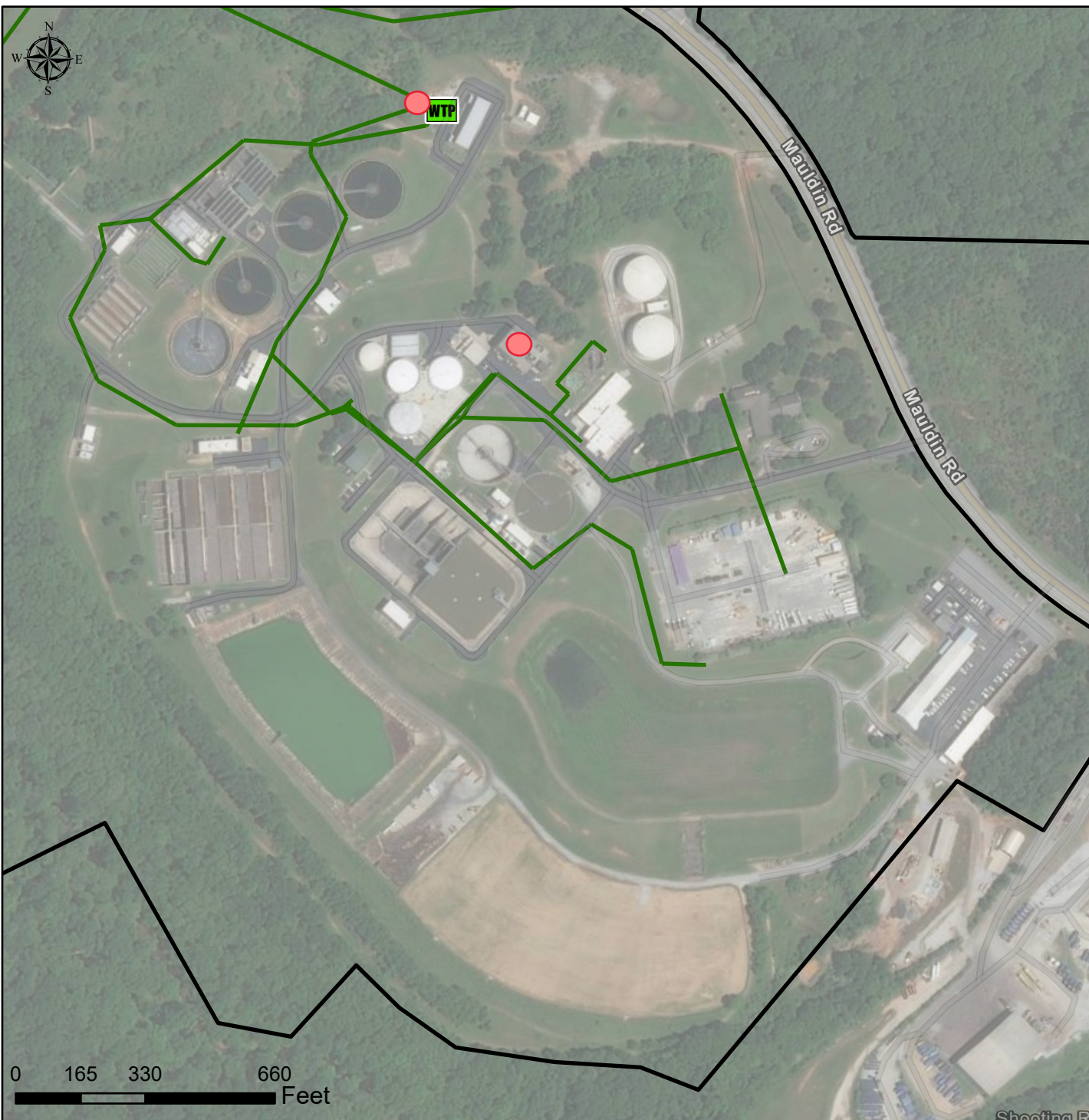
**BOARD OF COMMISSIONERS'  
MEMORANDUM**

The Mauldin Road WRRF Coarse Screen and Headworks Gate Actuator Replacement consists of the demolition of the two existing coarse screens that have exceeded their useful life, installation of two new Huber TrashMax® front-and-back rake (multi-rake) screens, and necessary influent channel structural improvements. The scope also includes replacement of the headworks hydraulic actuation system, including installation of updated electrical and control systems and fourteen new actuators.

<b>Project Information</b>			
Project Name	Mauldin Road Coarse Screen and Headworks Gate Actuator Replacement		
Project Number	PRJ-00012		
<b>Estimated Costs</b>			
Engineer	Brown and Caldwell		
Engineer's Total Estimate	\$1,400,751		
ReWa's Total Budget	\$1,300,000		
<b>Bid Information</b>			
Bid Submittal Deadline	July 10, 2023		
Contracting/Selection Method	Construction IDC		
<b>Bidders and Bids</b>			
	<i>Contractor</i>	<i>Location</i>	<i>Bid</i>
<input checked="" type="checkbox"/> *	Reeves Young, LLC.	Sugar Hill, GA	\$899,500
<input type="checkbox"/>	Wharton-Smith, Inc.	Sanford, FL	\$1,282,623
<input type="checkbox"/>	State Utility Contractors, Inc.	Monroe, NC	\$1,337,000

\*Lowest responsive and responsible bidder.

Staff recommends the Board award the Mauldin Road Coarse Screen and Headworks Gate Actuator Replacement contract to Reeves Young, LLC. and authorize the Chief Executive Officer to execute the contract in the amount not to exceed \$899,500 plus up to \$100,500 in future contract amendments through an Owner-controlled contingency.



- Project Location
- ReWa WRRF
- ReWa Pump Station
- ReWa Gravity Main
- ReWa Force Main
- ReWa WRRF Boundary

This map is a product of ReWa. The accuracy and completeness of the lines and boundaries displayed on this map are believed to be accurate. ReWa expressly disclaims any responsibility or liability for this map.

**BOARD OF COMMISSIONERS'  
RESOLUTION**



Mauldin Road Coarse Screen and Headworks Gate Actuator Replacement Construction  
Contract Award

WHEREAS, the Mauldin Road Coarse Screens and Headworks Gate Actuator Replacement consists of two (2) new TrashMax® multirake screens and appurtenances and installation of electrical and controls for fourteen new electric actuators upstream of the Coarse Screens and in the Headworks Building;

NOW, THEREFORE, BE IT RESOLVED that Renewable Water Resources does hereby award this work to Reeves Young, LLC. for a cost not to exceed \$899,500.00 and that the Chief Executive Officer and/or his designee is hereby authorized to execute the contract plus up to \$100,500 in future contract amendments on behalf of ReWa, conditioned upon and subject to the following:

1. The Contractor's Acceptance.
2. The Contractor's compliance with the terms and conditions set forth in the Notice of Award.

The above Resolution, upon motion duly made, was passed and approved by the Board of Commissioners of Renewable Water Resources at a regular meeting held on the 28<sup>th</sup> day of August 2023.

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R. L. FOGLEMAN, JR., CHAIRMAN

ATTEST:

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CLINTON J. THOMPSON, SECRETARY/TREASURER

**DATE:** August 28, 2023  
**TO:** Board of Commissioners  
**FROM:** Angela Allen  
**CC:** Joel Jones, David Niese, Becca Bowyer  
**SUBJECT:** Saluda #4 Pump Station Elimination  
Construction Contract Amendment No. 2



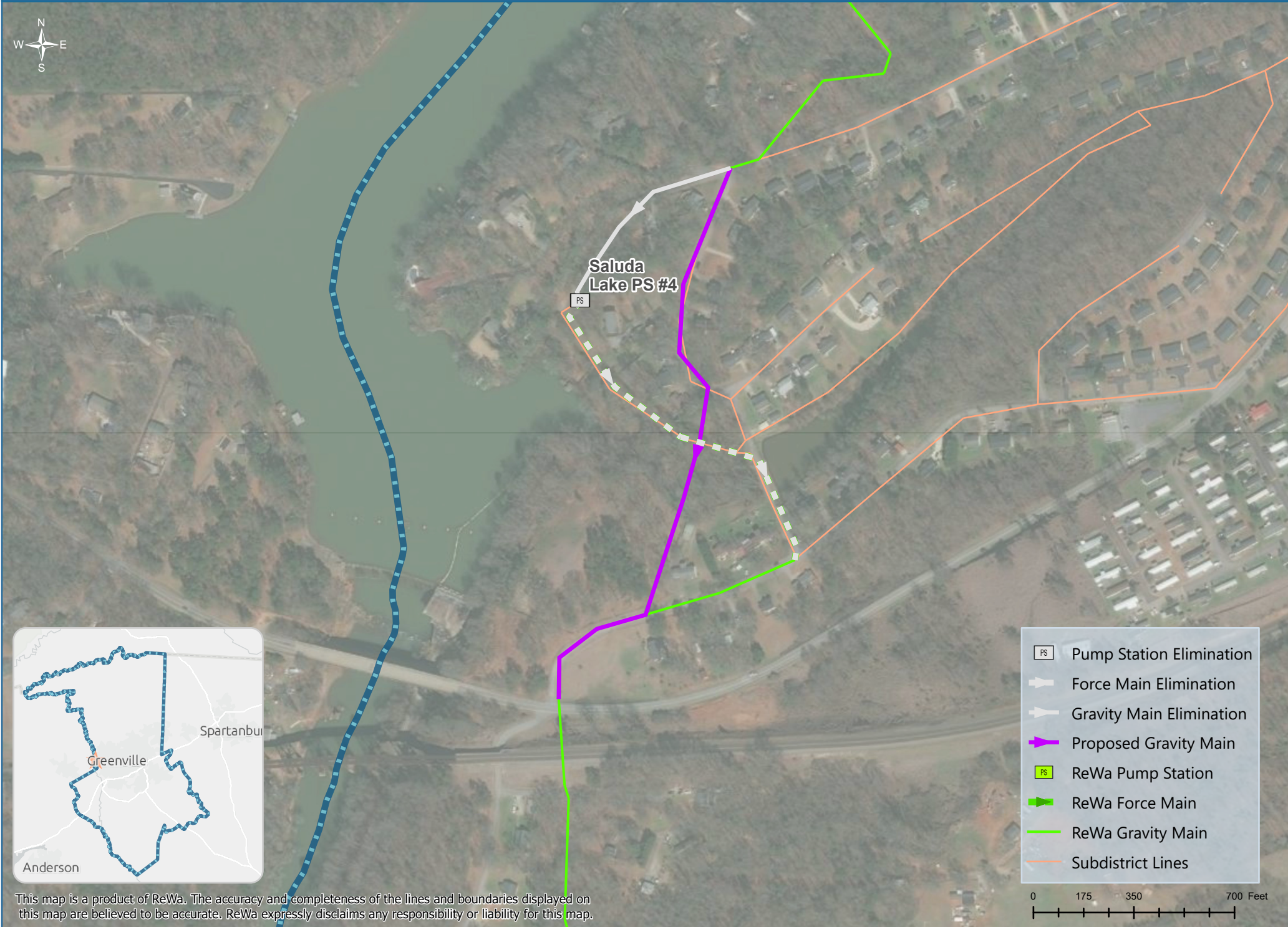
**BOARD OF COMMISSIONERS'  
MEMORANDUM**

The Saluda #4 Pump Station Elimination project is currently under construction by Tugaloo Pipeline, Inc. A contract amendment is needed to address underestimated bid quantities for pipe, asphalt, and trench stabilization on this project. Staff has negotiated a contract amendment to address these additional quantities.

Project Name	Saluda #4 Pump Station Elimination
Project Number	TL13
Contractor	Tugaloo Pipeline, Inc.
Amendment Not-to-Exceed Cost	\$130,000.00
Amendment No.	2
Previous Contract Value	\$2,166,950.91
Total Contract Value	\$2,296,950.91
Amendment Extension (days)	0

Staff recommends the Board approve and authorize the Chief Executive Officer to execute Amendment No. 2 to the contract with Tugaloo Pipeline, Inc. for \$130,000.00 increasing the overall contract to a not to exceed amount of \$2,296,950.91.

# Saluda #4 PS Elimination

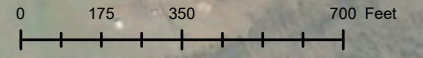


Saluda  
Lake PS #4



- Pump Station Elimination
- Force Main Elimination
- Gravity Main Elimination
- Proposed Gravity Main
- ReWa Pump Station
- ReWa Force Main
- ReWa Gravity Main
- Subdistrict Lines

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**BOARD OF COMMISSIONERS'  
RESOLUTION**



Saluda #4 Pump Station Elimination Construction Contract Amendment No. 2

WHEREAS the Saluda #4 Pump Station Elimination Construction Amendment No. 2 consists of additional quantities for bid items;

WHEREAS, Tugaloo Pipeline, Inc. has previously been awarded \$2,166,950.91 for construction services;

WHEREAS, Staff has negotiated a fee not to exceed \$130,000.00 for additional construction services;

NOW, THEREFORE, BE IT that Renewable Water Resources does hereby amend the contract with Tugaloo Pipeline, Inc. and authorize the Chief Executive Officer and/or his designee to execute an amendment to bring the total contract to a not to exceed amount of \$2,296,950.91; and for an increased duration of 0 days, to bring the total contract time to 671 days.

The above Resolution, upon motion duly made, was passed and approved by the Board of Commissioners of Renewable Water Resources at a regular meeting held on the 28<sup>th</sup> day of August 2023.

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R. L. FOGLEMAN, JR., CHAIRMAN

ATTEST:

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CLINTON J. THOMPSON, SECRETARY/TREASURER

**DATE:** August 28, 2023  
**TO:** Board of Commissioners  
**FROM:** David Rankin  
**CC:** Joel Jones, David Niese, Becca Bowyer  
**SUBJECT:** Basin Master Plan Engineering Services  
Contract Award



**BOARD OF COMMISSIONERS'  
MEMORANDUM**

The Basin Master Plan consists of evaluating all ReWa WRRF basins to determine short, mid, and long-term system needs in order to create and maintain effective sewer service for the service area. Growth projections will be made based on information available from various stakeholders as well as trends seen from ReWa approved developments. Staff has negotiated a scope and fee with CDM Smith, Inc. for engineering services on this project.

Project Name	Miscellaneous Basin Master Planning
Project Number	TR22
Firm	CDM Smith, Inc.
Not-to-Exceed Cost	\$548,580
Amendment No.	N/A
Previous Contract Value	N/A
Total Contract Value	\$ 548,580
Contracting/Selection Method	Indefinite Delivery Contract

Staff recommends the Board award the Basin Master Plan to CDM Smith, Inc. and authorize the Chief Executive Officer to execute a contract for these engineering services in an amount not to exceed \$548,580.



**BOARD OF COMMISSIONERS'  
RESOLUTION**



Basin Master Plan Engineering Services Contract Award

WHEREAS, the Basin Master Plan consists of determining short, mid, and long-term needs for each of ReWa's WRRF basins in order to create and maintain effective sewer service throughout the service area;

NOW, THEREFORE, BE IT RESOLVED that Renewable Water Resources does hereby award this study services work to CDM Smith, Inc. for a cost not to exceed \$548,580 and that the Chief Executive Officer and/or his designee is hereby authorized to execute the contract.

The above Resolution, upon motion duly made, was passed and approved by the Board of Commissioners of Renewable Water Resources at a regular meeting held on the 28<sup>th</sup> day of August 2023.

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R. L. FOGLEMAN, Jr., CHAIRMAN

ATTEST:

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CLINTON J. THOMPSON, SECRETARY/TREASURER

**DATE:** August 28, 2023  
**TO:** Board of Commissioners  
**FROM:** Bryan Kohart  
**CC:** Joel Jones, David Niese, Becca Bowyer  
**SUBJECT:** Mauldin Road Solar Dryer CMAR  
Preconstruction Services Contract Award



**BOARD OF COMMISSIONERS'  
MEMORANDUM**

The Mauldin Road Solar Dryer Project consists of the installation of six (6) solar dryer cells located on the southern portion of the site. ReWa advertised a Request for Proposal (RFP) from Construction Firms in May 2023 for Construction Manager at Risk (CMAR) Services. Qualifications were received from six (6) construction firms. The ReWa selection committee reviewed the written qualifications and scored each firm's proposal against the scoring matrix provided in the RFP. The two (2) highest scoring firms were shortlisted for interviews on the Project:

- Harper Corporation
- State Utility Contractors, Inc.

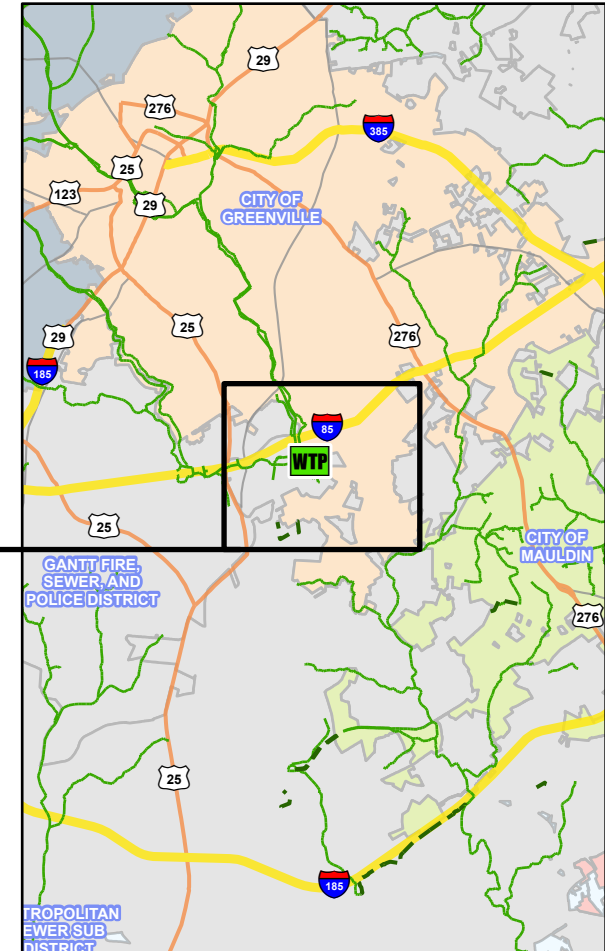
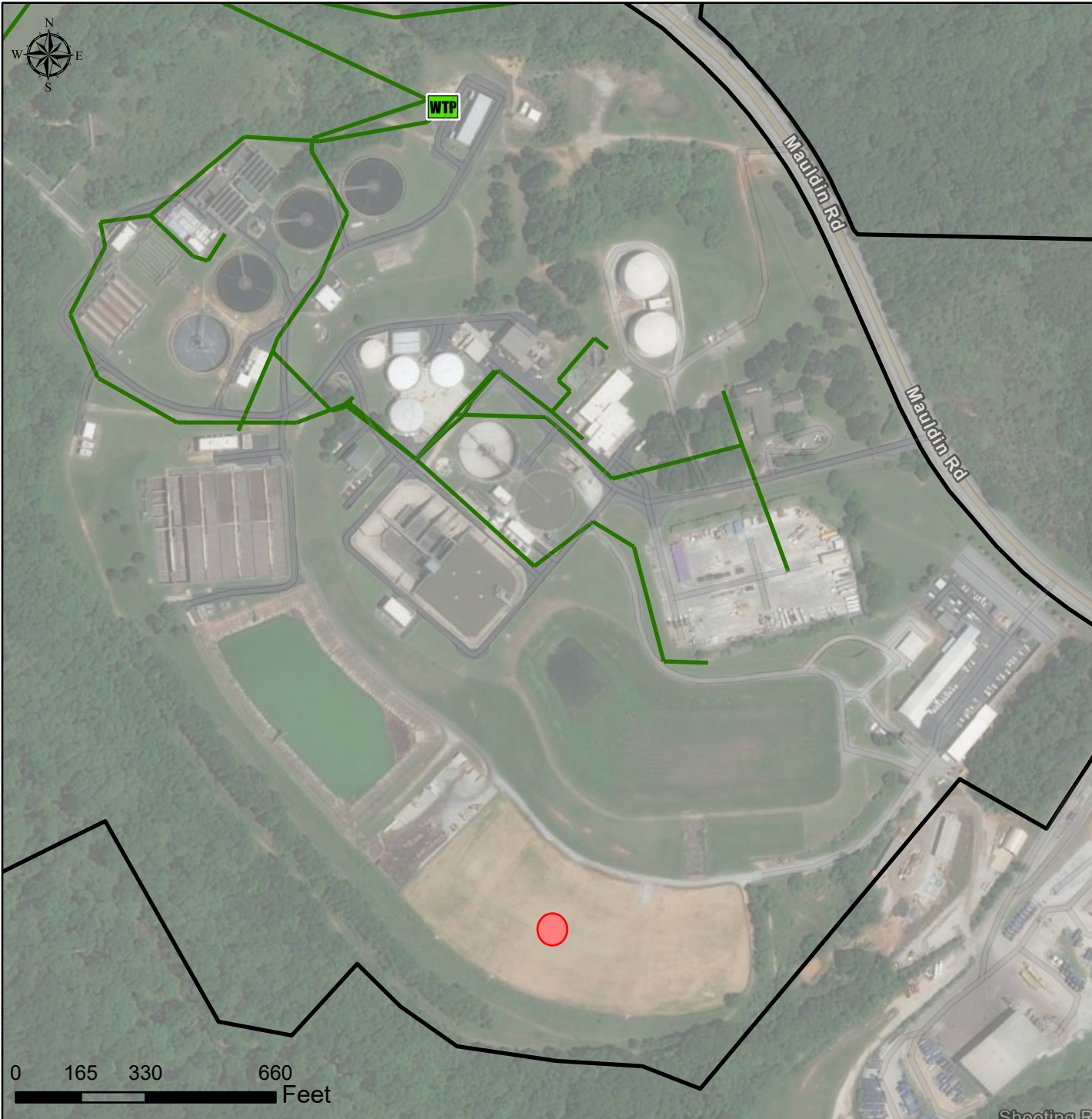
Interviews were held with both firms on August 3, 2023. Based upon the proposals received and subsequent interviews with the shortlisted firms, staff has determined that Harper Corporation is the most qualified CMAR firm to provide construction services for the Project.

Project Name	Mauldin Road Solar Dryer
Project Number	PRJ-00020
Firm	Harper Corporation
Not-to-Exceed Cost	\$40,000
Amendment No.	N/A
Previous Contract Value	N/A
Total Contract Value	\$40,000 (Preconstruction Services)
Contracting/Selection Method	RFP

Staff recommends that the Board award the CMAR Services for the Mauldin Road Solar Dryer Project to Harper Corporation and authorize the Chief Executive Officer to execute CMAR Preconstruction Services for this project in the not to exceed amount of \$40,000.

# Mauldin Road WRRF

## Solar Dryer



- Project Location
- ReWa WRRF
- ReWa Pump Station
- ReWa Gravity Main
- ReWa Force Main
- ReWa WRRF Boundary

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**BOARD OF COMMISSIONERS'  
RESOLUTION**



Mauldin Road Solar Dryer CMAR Preconstruction Services Contract Award

WHEREAS, the Mauldin Road Solar Dryer Project consists of the installation of six (6) solar dryer cells;

NOW, THEREFORE, BE IT RESOLVED that Renewable Water Resources does hereby award this CMAR preconstruction services work to Harper Corporation for a cost not to exceed \$40,000 and that the Chief Executive Officer and/or his designee is hereby authorized to execute the contract.

The above Resolution, upon motion duly made, was passed and approved by the Board of Commissioners of Renewable Water Resources at a regular meeting held on the 28<sup>th</sup> day of August 2023.

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R. L. FOGLEMAN, JR., CHAIRMAN

ATTEST:

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CLINTON J. THOMPSON, SECRETARY/TREASURER

**DATE:** August 28, 2023  
**TO:** Board of Commissioners  
**FROM:** Brianna Wallace  
**CC:** Joel Jones, David Niese, Becca Bowyer  
**SUBJECT:** George's Creek Onsite Equalization Design Services Contract Amendment



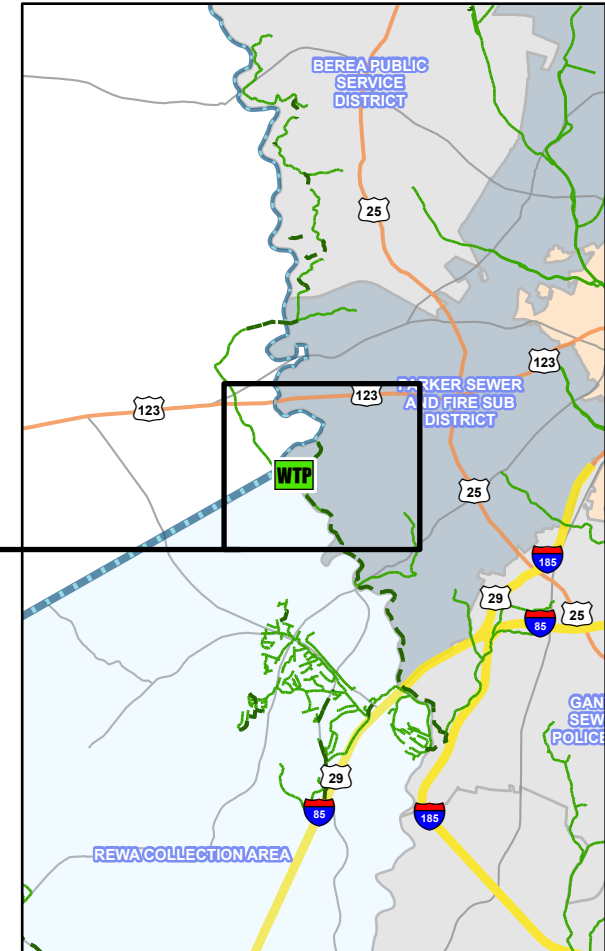
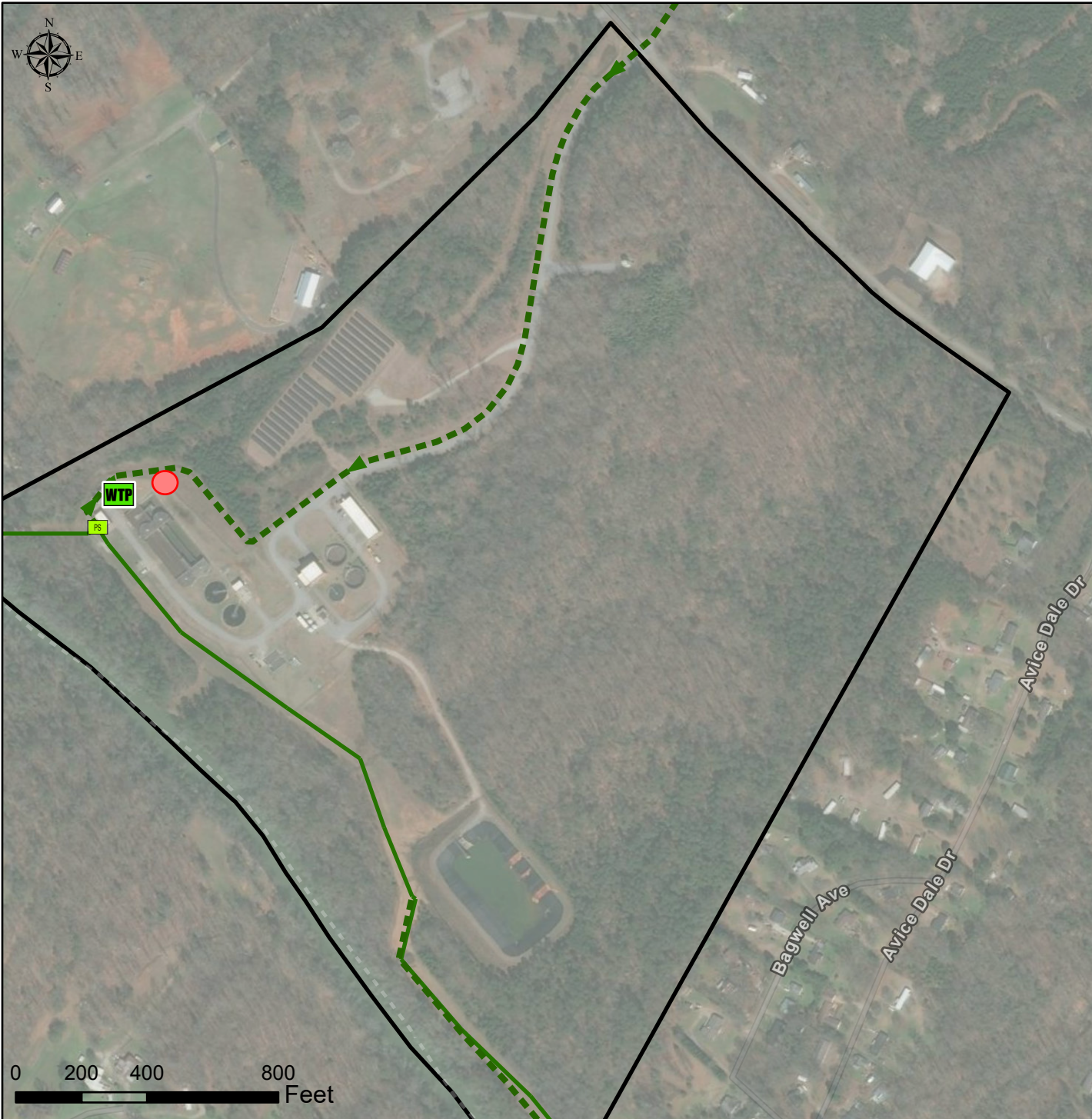
**BOARD OF COMMISSIONERS'  
MEMORANDUM**

George's Creek WRRF does not currently have onsite influent equalization which presents operational challenges. During design AECOM and staff determined further evaluation was needed for a more cost-effective, long-term solution. The scope of this amendment includes an assessment of onsite equalization alternatives as well as design of two future aeration basins for near-term equalization if this is the selected alternative. Staff has negotiated an amendment scope and fee with AECOM USA, Inc. for additional design services.

Project Name	George's Creek Onsite Equalization
Project Number	PRJ-00028
Firm	AECOM USA, Inc.
Not-to-Exceed Cost	\$ 189,260
Amendment No.	1
Previous Contract Value	\$ 408,050
Total Contract Value	\$ 597,310
Contracting/Selection Method	Indefinite Delivery Contract

Staff recommends the Board award the George's Creek Onsite Equalization Design Services Contract Amendment to AECOM and authorize the Chief Executive Officer to execute Amendment No. 1 for \$189,260, increasing the overall contract to a not to exceed amount of \$597,310.

# Georges Creek WRRF Onsite Equalization



- Project Location
- ReWa WRRF
- ReWa Pump Station
- ReWa Gravity Main
- ReWa Force Main
- ReWa WRRF Boundary

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**BOARD OF COMMISSIONERS'  
RESOLUTION**



George's Creek Onsite Equalization Design Services Contract Amendment

WHEREAS, the George's Creek Onsite Equalization Project consists of an assessment of onsite equalization alternatives in light of site constraints and recent site investigation data and design of the selected alternative; and

WHEREAS, AECOM has previously been awarded \$408,050 for performing the engineering design of the project; and

WHEREAS, Staff has negotiated a fee not to exceed \$189,260 for the amended design scope;

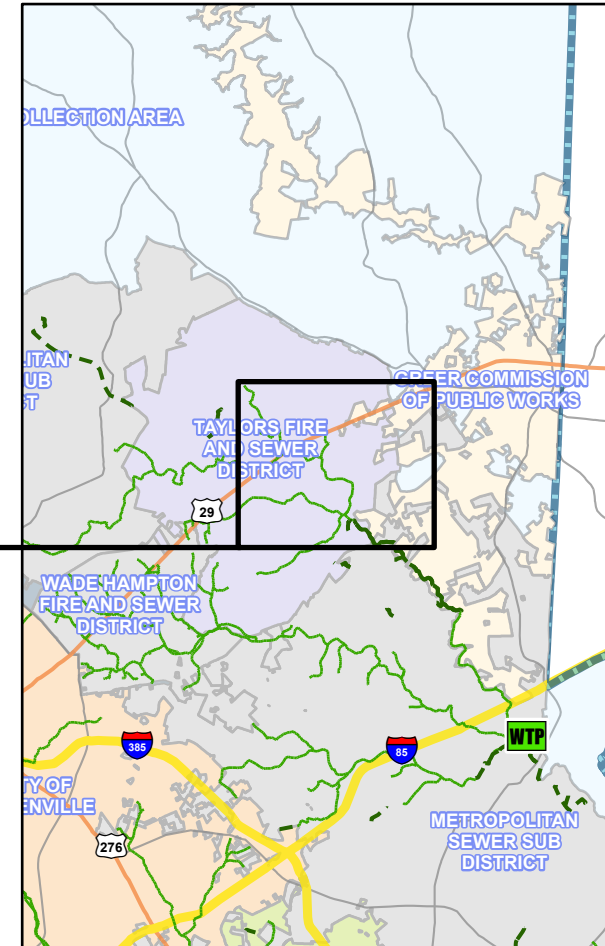
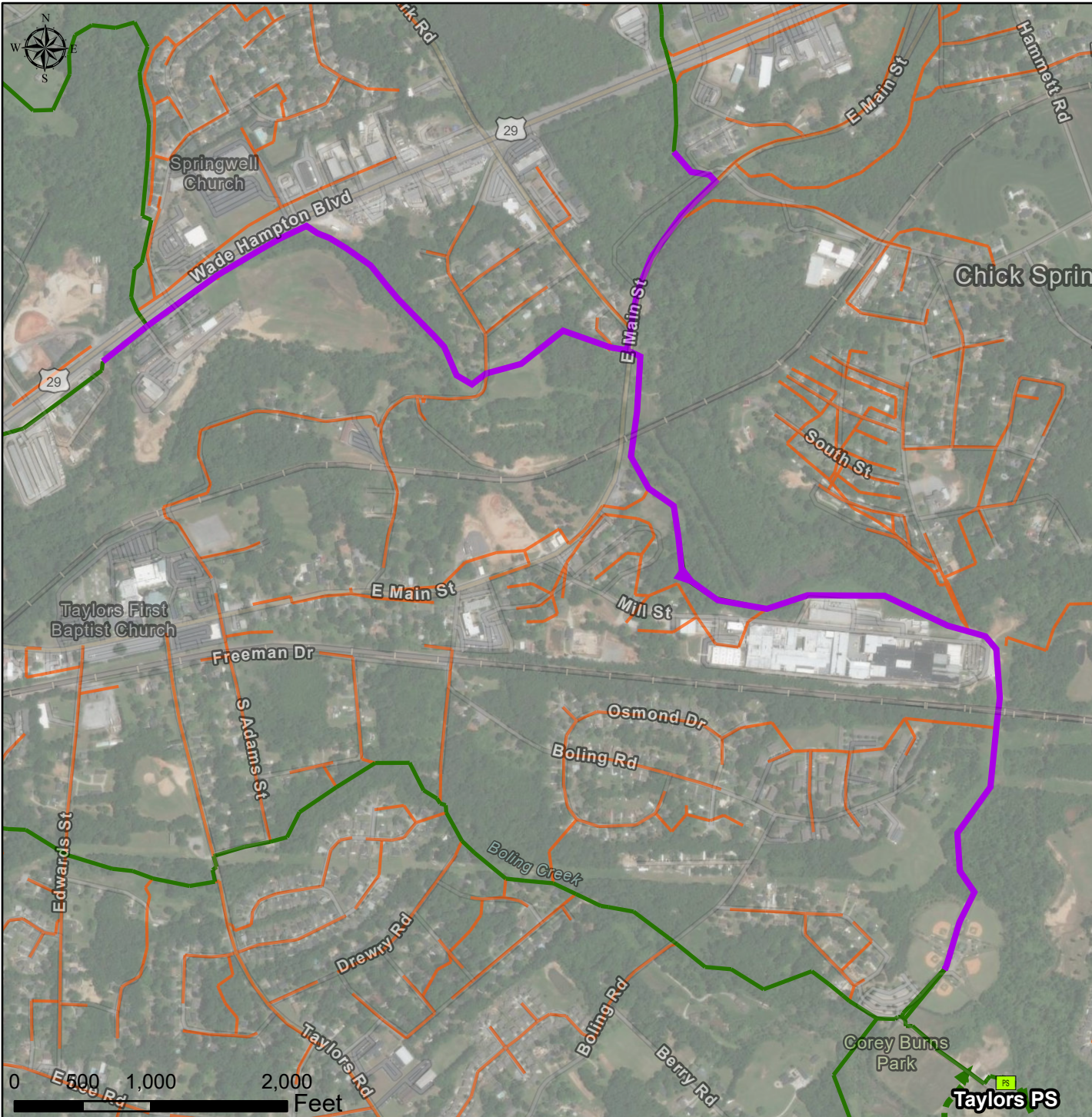
NOW, THEREFORE, BE IT RESOLVED that Renewable Water Resources does hereby amend the contract with AECOM and authorize the Chief Executive Officer and/or his designee to execute an amendment to bring the total contract to a not to exceed amount of \$597,310.

The above Resolution, upon motion duly made, was passed and approved by the Board of Commissioners of Renewable Water Resources at a regular meeting held on the 28<sup>th</sup> day of August 2023.

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R. L. FOGLEMAN, JR., CHAIRMAN

ATTEST:

\_\_\_\_\_  
CLINTON J. THOMPSON, SECRETARY/TREASURER



- Proposed Pump Station
- Proposed Gravity Main
- Proposed Force Main
- ReWa WRRF
- ReWa Pump Station
- ReWa Gravity Main
- ReWa Force Main

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**BOARD OF COMMISSIONERS'  
RESOLUTION**



Enoree River Gravity Sewer Upgrade Right of Way Acquisition

WHEREAS, the Enoree River Gravity Sewer Upgrade Project consists of upgrading approximately 3 miles of gravity sewer roughly adjacent to the Enoree River from Wade Hampton Boulevard to Corey Burns Park in Taylors; and

WHEREAS, Staff and Renewable Water Resource's (ReWa) consulting engineer, Hazen and Sawyer, have determined it is necessary to acquire right of way either by way of gift, purchase, or by the exercise of eminent domain in accordance with ReWa procedures;

WHEREAS, ReWa is a body politic under the laws of the State of South Carolina and has rights under the Eminent Domain Procedure Act;

NOW, THEREFORE, BE IT RESOLVED that the Chief Executive Officer and/or his designee are directed to proceed with this project and acquire through gift, purchase, or by exercise of eminent domain, rights of way and/or land over properties needed to construct, operate, and maintain the proposed infrastructure. This authority is to include, but not be limited to, the institution of any and all other actions reasonably associated with acquiring the necessary rights of way for construction.

BE IT FURTHER RESOLVED that in the event the rights of way cannot be acquired by gift or purchase, the Chief Executive Officer and/or his designee shall cause to be instituted condemnation proceedings to exercise ReWa's right of eminent domain under the provisions of S.C. Code Ann. Section 28-2-10, *et seq.* by way of trial as set forth in S.C. Code Ann. Section 28-2-240, as amended.

BE IT FURTHER RESOLVED that the Chief Executive Officer and/or his designee are authorized to negotiate special terms and conditions with property owners as part of such acquisition, where appropriate, which are not inconsistent with the needs of ReWa.

BE IT RESOLVED that should any lien holder, existing or otherwise, attempt to take any action or make any claims which would interfere with ReWa's right to construct, operate and maintain the Project, ReWa has rights under the law to counteract such interference, including the Right of Eminent Domain, pursuant to Title 28, Chapter 2 of the Code of Laws of South Carolina 1976, as amended, including Section 28-2-90, and ReWa affirms that it will take any such action necessary to counteract such interference.

RENEWABLE WATER RESOURCES  
**BOARD OF COMMISSIONERS' RESOLUTION**

The above Resolutions, upon motion duly made, were passed and approved by the Board of Commissioners of ReWa at a regular meeting held on the 28<sup>th</sup> day of August 2023.

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R. L. FOGLEMAN, JR., CHAIRMAN

ATTEST:

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CLINTON J. THOMPSON, SECRETARY/TREASURER