



Monday, December 18, 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

1.01 Call to Order

2. Welcome

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. 2024 Flow Monitoring Services Contract Award

3.01 2024 Flow Monitoring Services Contract Award (Memo, Resolution)**

4. Riverwood Farms & Shiloh Valley Cost Share

4.01 Riverwood Farms & Shiloh Valley Cost Share (Memo, Map, Resolution)**

5. Enoree Gravity Sewer Upgrade Pre- Construction Services Contract Amendment 1

5.01 Enoree Gravity Sewer Upgrade Pre- Construction Services Contract Amendment 1 (Memo, Map, Resolution)**

6. Augusta Grove Regional Pump Station Design Services & Construction Administration Contract Amendment No. 1

6.01 Augusta Grove Regional Pump Station Design Services & Construction Administration Contract Amendment No. 1 (Memo, Map, Resolution)**

7. Augusta Grove Regional Pump Station Rights of Way and Land Acquisition

7.01 Augusta Grove Regional Pump Station Rights of Way and Land Acquisition (Map, Resolution)**

8. Butler Road SCDOT Utility Relocation Right of Way Acquisition

8.01 Butler Road SCDOT Utility Relocation Right of Way Acquisition (Map, Resolution)**

9. New Business

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

10. Unfinished Business

10.01 Verbal Report on the Swamp Rabbit Gravity Sewer Upgrade Public Meeting Held on November 6, 2023 (Memo, Minutes)**

11. Other Business

11.01 Verbal Report on New Account Fees provided by Technical Services Officer Niesse

12. Meeting Disclosures

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

13.01 Adjourn the Meeting

DATE: December 18, 2023
TO: Board of Commissioners
FROM: Dillon Thompson
CC: Joel Jones, David Niese, Becca Bowyer
SUBJECT: 2024 Flow Monitoring Services Contract Award



BOARD OF COMMISSIONERS'
MEMORANDUM

As part of the IDC contract awarded to CHA Companies (formerly Frazier Engineering) for flow monitoring services, Staff has negotiated a Scope of Work for the 2024 budget year. This work period is January 1, 2024 through December 31, 2024. This Scope of Work encompasses the following tasks: Operation and Maintenance, Monthly Data Analysis, Repair and Replacement, and Rain Gauge O&M.

These services include the operation and maintenance of 153 permanent ReWa-owned flow meters and 64 temporary meters for the Wet Weather Program, data analysis, and equipment repair and replacement. Staff recommends continued use of CHA Companies to perform flow monitoring services.

Project Name	Flow Monitoring Services
Project Number	PX19
Firm	CHA Companies
Not-to-Exceed Cost	\$1,471,660
Amendment No.	N/A
Previous Contract Value	N/A
Total Contract Value	\$1,458,660
Contracting/Selection Method	Indefinite Delivery Contract

Staff recommends the Board award the 2024 Flow Monitoring Services Contract to CHA Companies and authorize the Chief Executive Officer to execute a contract for these engineering services in an amount not to exceed \$1,458,660.

BOARD OF COMMISSIONERS'
RESOLUTION



2024 Flow Monitoring Services Contract Award

WHEREAS, the 2024 Flow Monitoring Services Agreement consists of operation and maintenance of 153 ReWa-owned flow meters as well as 64 temporary meters, data analysis, and equipment repair and replacement as identified in CHA Companies Scope of Work for the contract;

NOW, THEREFORE, BE IT RESOLVED that Renewable Water Resources does hereby award this Engineering services work to CHA Companies. for a cost not to exceed \$1,458,660 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 18th day of December 2023.

R. L. FOGLEMAN, JR., CHAIRMAN

ATTEST:

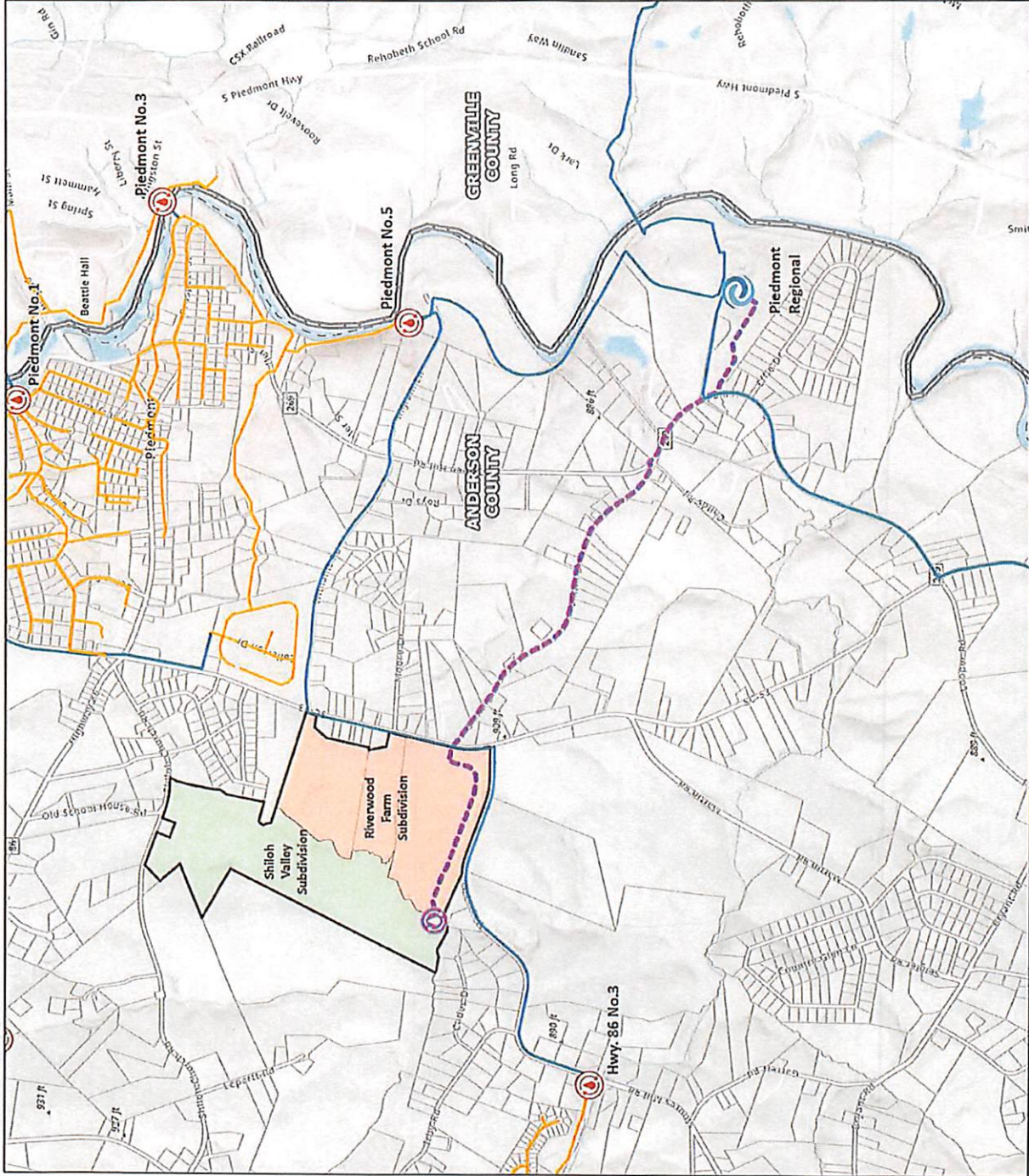
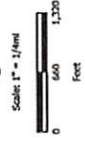
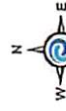
CLINTON J. THOMPSON, SECRETARY/TREASURER

Proposed Force Main & Pump Station Riverwood Subdivision Shiloh Valley Subdivision

Legend

- County Boundary
- Land Ownership Parcel
- Proposed Development Parcel
- ReWa WRRF
- Existing Pump Station
- Proposed Pump Station
- Existing Gravity Main
- Existing Force Main
- Proposed Force Main

Key Map



DATE: December 18, 2023
TO: Board of Commissioners
FROM: Angela Allen
CC: Joel Jones, David Niesse, Becca Bowyer
SUBJECT: Enoree Gravity Sewer Upgrade Pre-Construction Services Contract Amendment 1



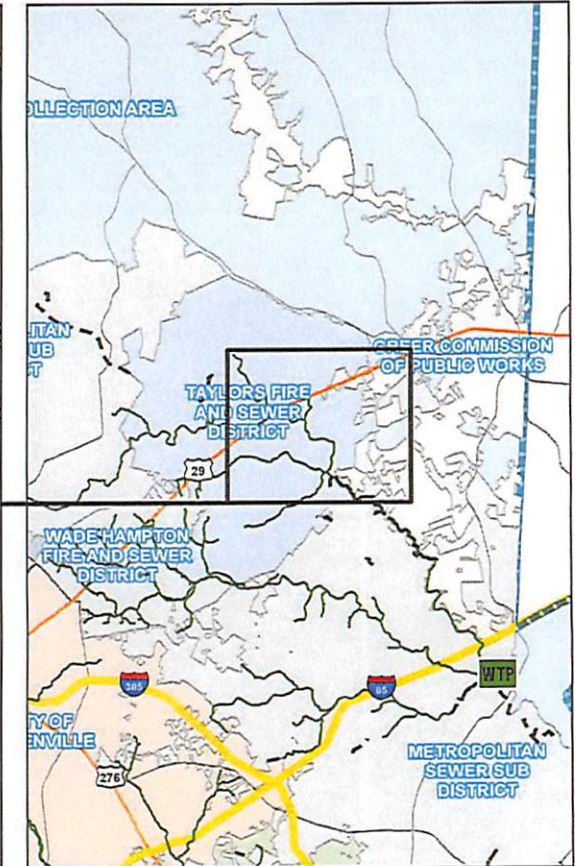
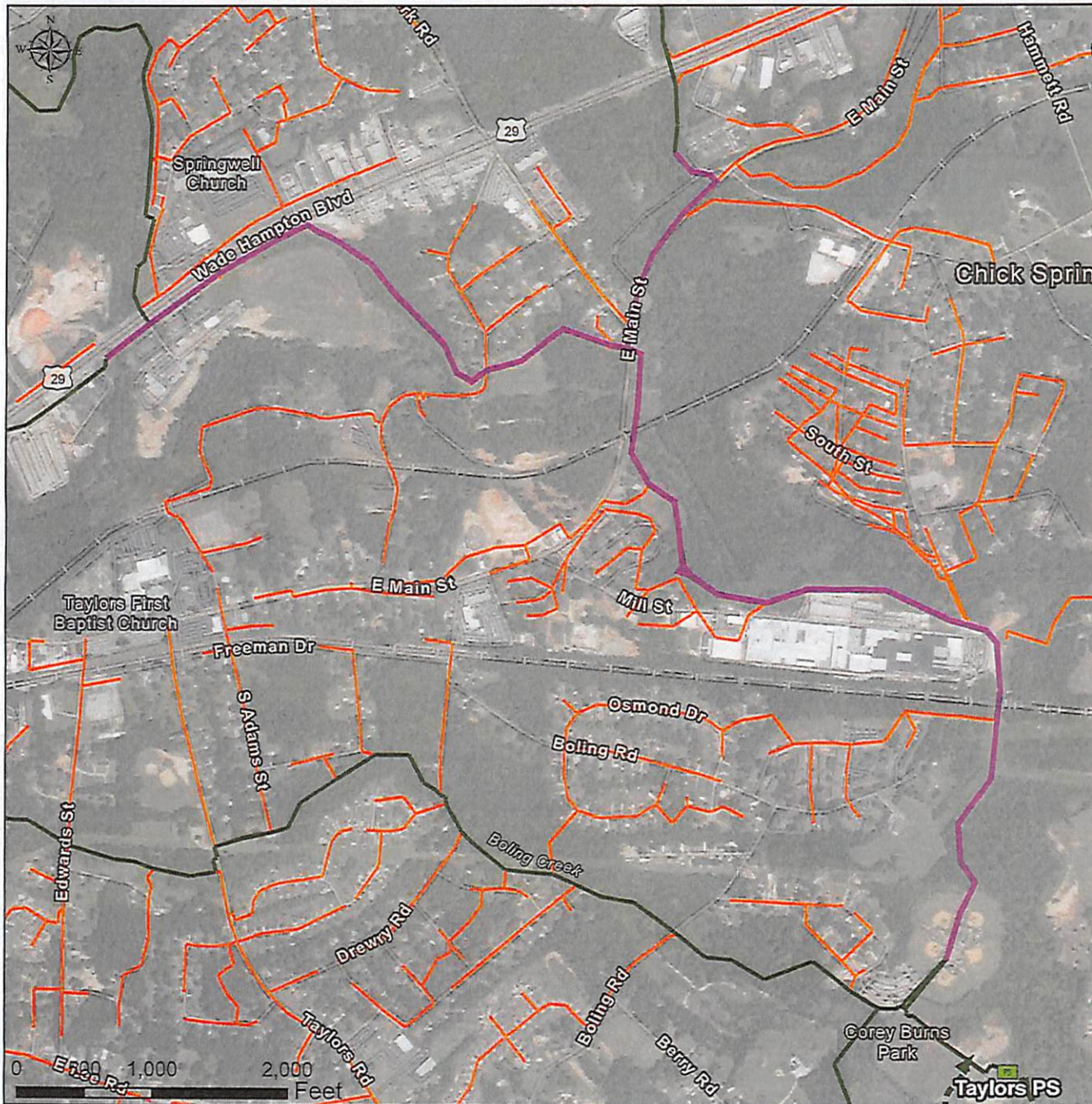
BOARD OF COMMISSIONERS'
MEMORANDUM








The Enoree Gravity Sewer Upgrade consists of the installation of approximately 15,000 LF of gravity sewer for the Wet Weather Program. As a coordinated effort with the CMAR Contractor to save on material costs and maintain the start schedule that was submitted to SRF, staff has negotiated a GMP to pre-purchase a portion of the pipe. The package includes approximately 3,840 LF of 36" ductile iron pipe and 2,320 LF of 36" to 42" fiberglass reinforced pipe. The remainder of the pipe will be included in the next GMP.

Project Name	Enoree Gravity Sewer Upgrade
Project Number	PB29
Firm	Garney Companies, Inc.
Not-to-Exceed Cost	\$ 2,127,586.60
Amendment No.	1
Previous Contract Value	\$ 123,642.00
Total Contract Value	\$ 2,251,228.60
Contracting/Selection Method	RFP CMAR

Staff recommends the Board amend the Preconstruction Services Contract for Garney Companies, Inc, and authorize the Chief Executive Officer to execute Amendment No. 1 for \$2,127,586.60, increasing the overall contract to a not-to-exceed amount of \$2,251,228.60.

Enoree River Gravity Upgrade (PB29)



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

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



Enoree Gravity Sewer Upgrade Pre-Construction Services Contract Amendment 1

WHEREAS, the Enoree Sewer Pre-Construction Services Contract Amendment 1 consists of approximately 3,840 LF of 36" ductile iron pipe for gravity sewer aerial crossings, small service piping, and appurtenances; 2,320 LF of 36" to 42" fiberglass reinforced pipe;

WHEREAS, Garney Companies, Inc., has previously been awarded \$123,642.00 for performing pre-construction services for the project; and

WHEREAS, Staff has negotiated a fee not to exceed \$2,127,586.60 for the pre-purchase of pipe in Contract Amendment 1;

NOW, THEREFORE, BE IT RESOLVED that Renewable Water Resources does hereby amend the contract with Garney Companies, 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 \$2,251,228.60.

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 18th day of December 2023.

R. L. FOGLEMAN, JR., CHAIRMAN

ATTEST:

CLINTON J. THOMPSON, SECRETARY/TREASURER

DATE: December 18, 2023
TO: Board of Commissioners
FROM: David Rankin
CC: Joel Jones, David Niese, Becca Bowyer
SUBJECT: Augusta Grove Regional Pump Station
 Design Services & Construction
 Administration Contract Amendment No. 1



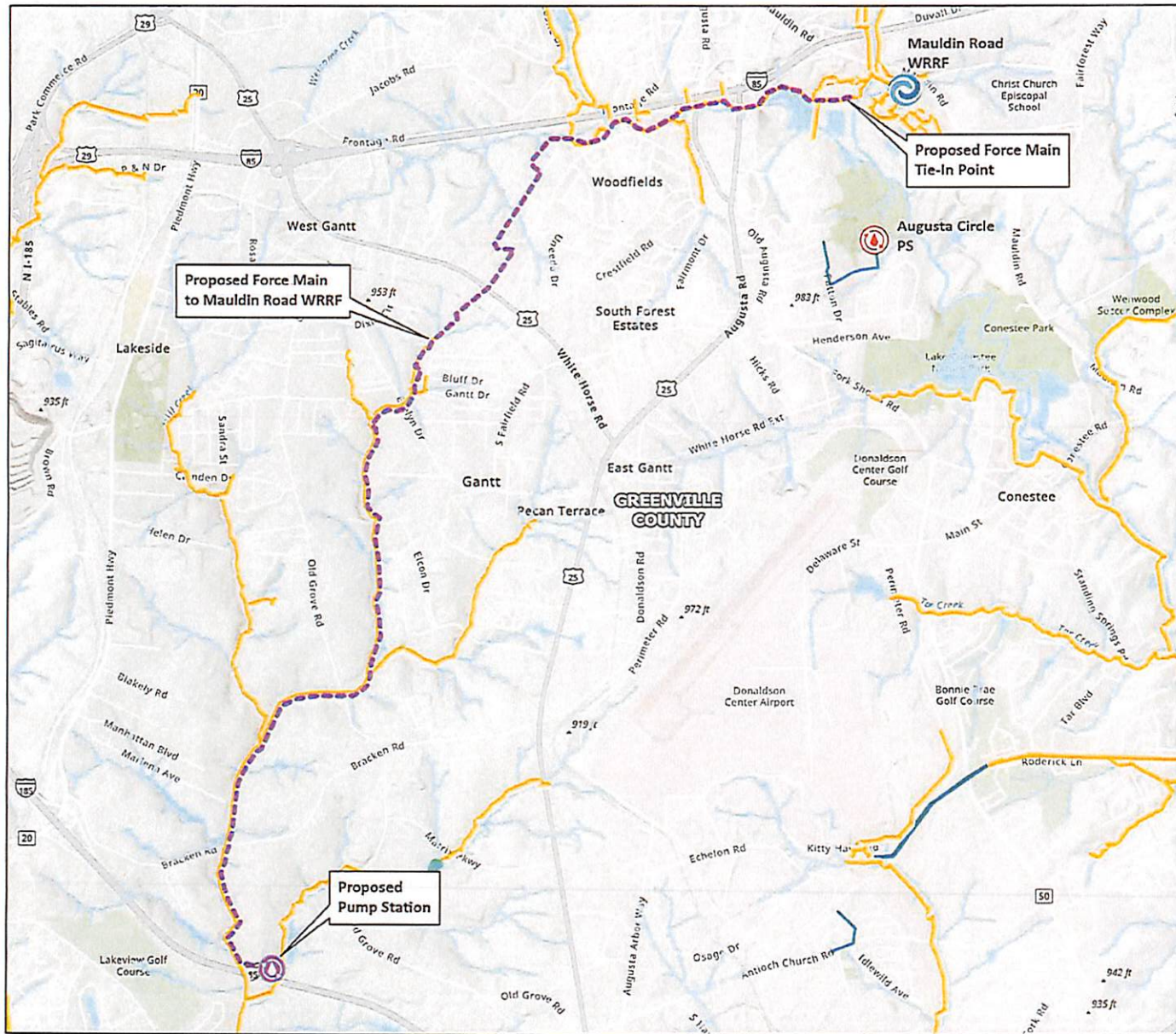
BOARD OF COMMISSIONERS'
MEMORANDUM

The Augusta Grove Regional Pump Station will divert flow from the Piedmont Regional WRRF to the Mauldin WRRF and will reduce the expensive future upgrades that were proposed on the Grove Creek conveyance system and the Piedmont Regional WRRF. The Project consists of a new regional pump station, force main and two equalization tanks to handle buildout growth in the Grove Creek basin north of I-185.

Weston and Sampson Engineers, Inc., has completed the initial study of the project. For Amendment No. 1, staff has negotiated a scope and fee with Weston & Sampson Engineers, Inc. for design and construction administration services for the project.

Project Name	Augusta Grove Regional Pump Station
Project Number	PRJ-00044
Firm	Weston & Sampson Engineers, Inc.
Not-to-Exceed Cost	\$ 2,375,980
Amendment No.	1
Previous Contract Value	\$35,900
Total Contract Value	\$ 2,411,880
Contracting/Selection Method	Indefinite Delivery Contract

Staff recommends the Board award the August Grove Regional Pump Station design and construction administration to Weston & Sampson Engineers, Inc. and authorize the Chief Executive Officer to execute Amendment No. 1 for these engineering services in an amount not to exceed \$2,375,980, increasing the overall contract to a not-to-exceed amount of \$2,411,880.



Proposed Force Main Augusta Grove Project

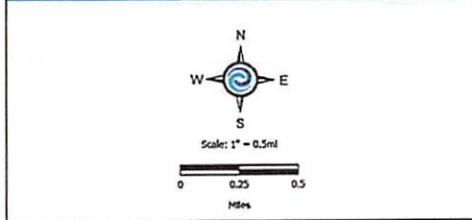
Legend

- ReWa Service Area
- County Boundary
- Lake, River, Stream
- ReWa WRRF
- ReWa Pump Station
- Existing Gravity Main
- Existing Force Main
- Proposed Pump Station
- Proposed Force Main

Key Map



ReWa



BOARD OF COMMISSIONERS'
RESOLUTION



Augusta Grove Regional Pump Station Design Services & Construction Administration
Contract Amendment No. 1

WHEREAS, the Augusta Grove Regional Pump Station Project consists of a regional pump station, force main and two equalization tanks in the Grove Creek Basin to expand basin capacity and offset capacity restraints downstream to the Piedmont Regional WRRF;

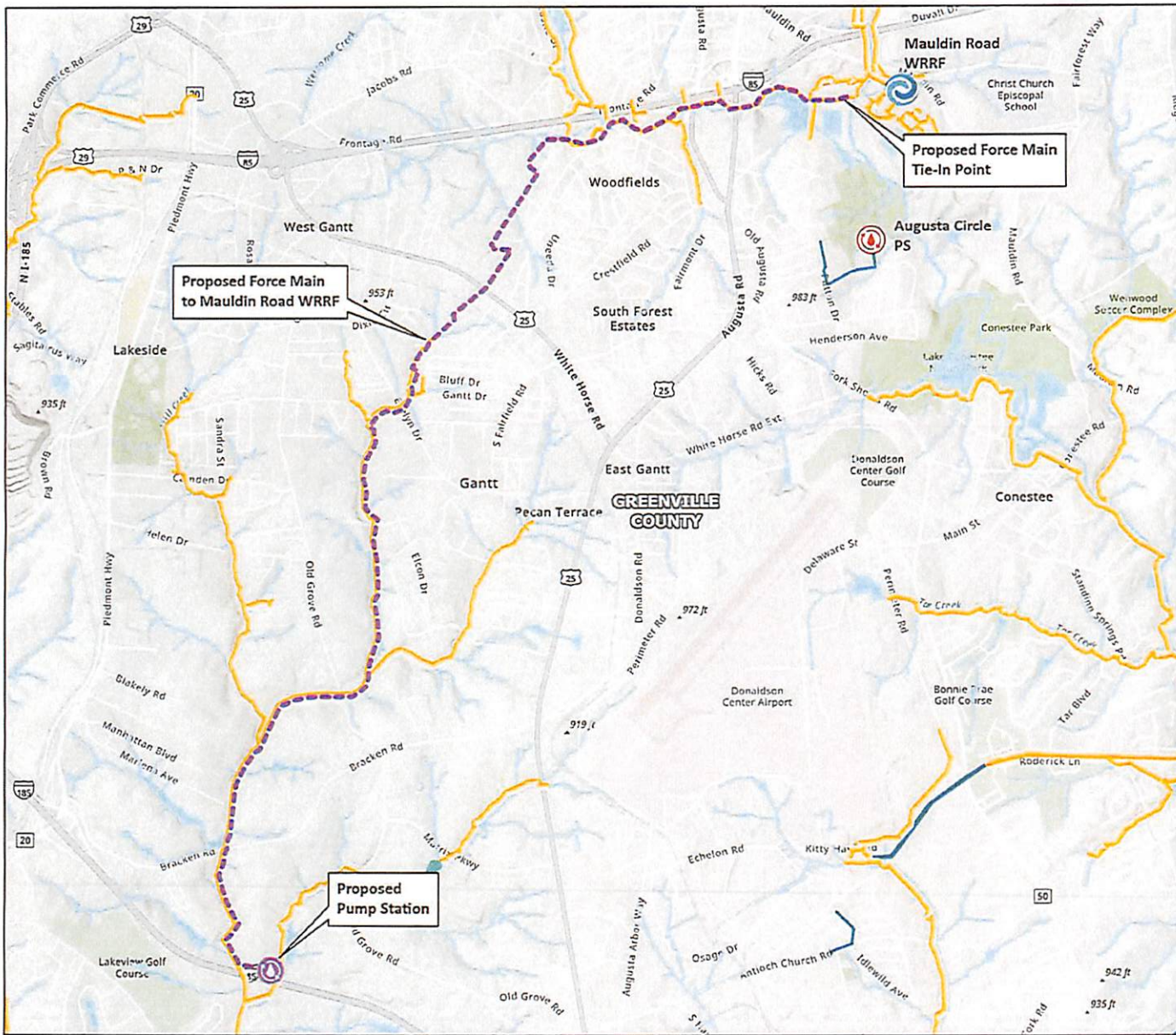
NOW, THEREFORE, BE IT RESOLVED that Renewable Water Resources does hereby award this contract amendment for design services and construction administration work to Weston & Sampson Engineers, Inc. for a cost not to exceed \$2,375,980, increasing the overall contract to a not-to-exceed amount of \$2,411,880 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 18th day of December 2023.

R. L. FOGLEMAN, JR., CHAIRMAN

ATTEST:

CLINTON J. THOMPSON, SECRETARY/TREASURER



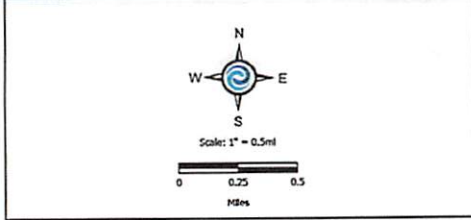
Proposed Force Main Augusta Grove Project

- ### Legend
- ReWa Service Area
 - County Boundary
 - Lake, River, Stream
 - ReWa WRRF
 - ReWa Pump Station
 - Existing Gravity Main
 - Existing Force Main
 - Proposed Pump Station
 - Proposed Force Main

Key Map



ReWa



BOARD OF COMMISSIONERS'
RESOLUTION



Augusta Grove Regional Pump Station Rights of Way and Land Acquisition

WHEREAS, the Augusta Grove Regional Pump Station Project consists of a Regional Pump Station and force main in the Grove Creek Basin to expand basin capacity and offset capacity restraints downstream to the Piedmont Regional WRRF; and

WHEREAS, Staff and Renewable Water Resource's (ReWa) consulting engineer, Weston & Sampson, have determined it is necessary to acquire rights of way and land either by way of gift, purchase, or by the exercise of eminent domain ;

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.

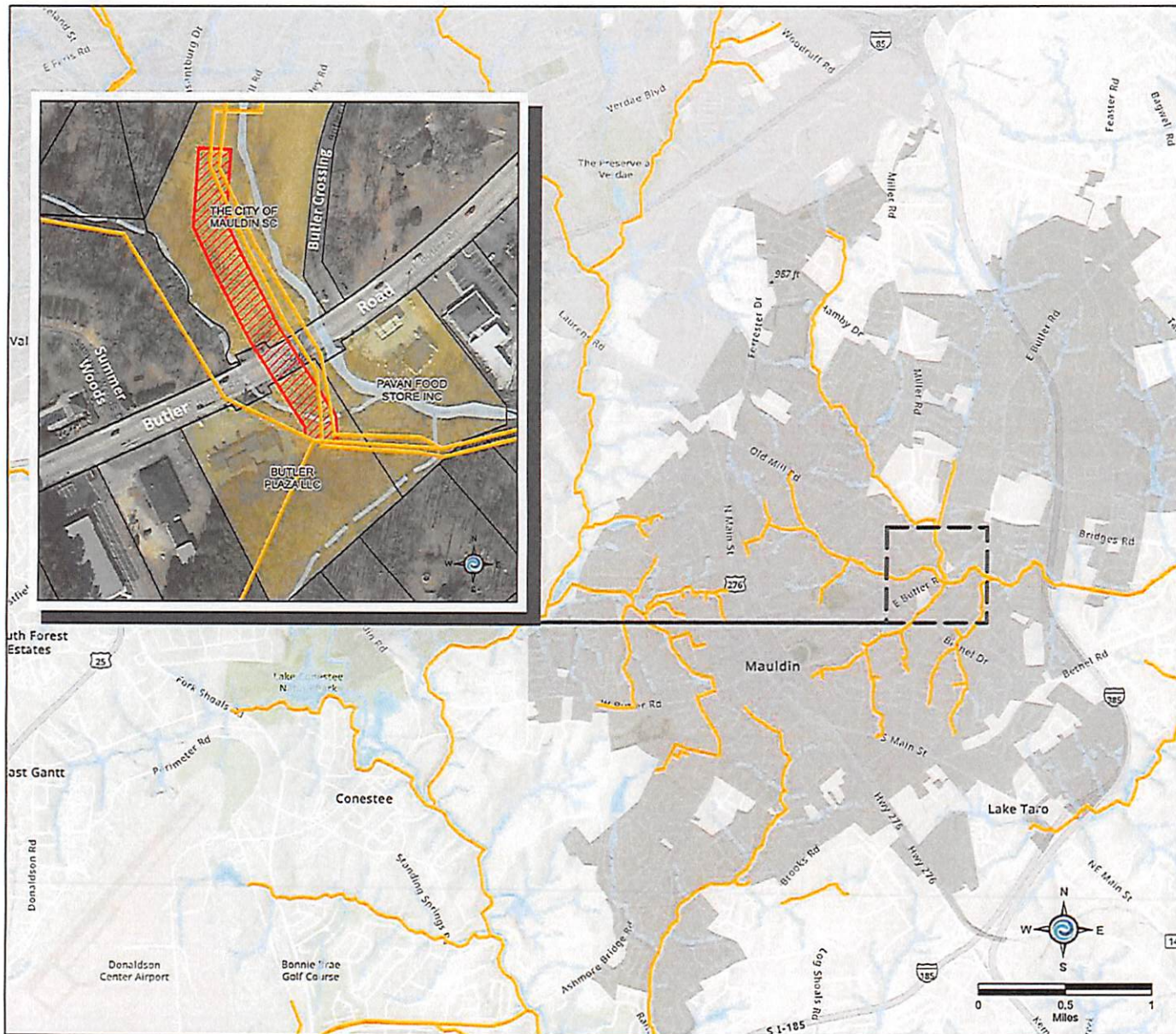
RENEWABLE WATER RESOURCES
BOARD OF COMMISSIONERS' RESOLUTION

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 18th day of December 2023.

R. L. FOGLEMAN, JR., CHAIRMAN

ATTEST:

CLINTON J. THOMPSON, SECRETARY/TREASURER



Proposed Butler Road Sewer Relocation Easement Gilder Creek WRRF Basin

Legend

- Greenville County Parcel
- Study Area Parcel
- Potential Sewer Easement Location
- City of Greenville
- City of Mauldin
- Lake, River, Stream
- ReWa Sewer Main (In Service)

Key Map



BOARD OF COMMISSIONERS'
RESOLUTION



Butler Road SCDOT Relocation Rights of Way Acquisition

WHEREAS, the Butler Road SCDOT Relocation Project consists of relocating approximately 1100 LF of Gravity Sewer Pipe for the widening of Butler Road; and

WHEREAS, Staff and Renewable Water Resource's (ReWa) consulting engineer, CHA Companies, have determined it is necessary to acquire rights of way either by way of gift, purchase, or by the exercise of eminent domain;

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 18th day of December 2023.

R. L. FOGLEMAN, JR., CHAIRMAN

ATTEST:

CLINTON J. THOMPSON, SECRETARY/TREASURER