



Brunswick-Glynn Joint Water and Sewer Commission
1703 Gloucester Street, Brunswick GA 31520
Thursday, December 19, 2024, at 2:00 pm
Commission Meeting Room

COMMISSION MEETING AGENDA

Call to Order

Invocation

Pledge

PUBLIC COMMENT PERIOD

Public Comments will be limited to 3 minutes per speaker. Comments are to be limited to relevant information regarding your position and should avoid being repetitious. Individuals should sign in stating your name, address and the subject matter on which you wish to speak. Your cooperation in this process will be greatly appreciated.

SPECIAL RECOGNITION – Georgia Association of Water Professionals “Platinum Award Recipient” Water Distribution System Excellence Award

RECOGNITION OF SERVICE

Chad Strickland – Recognition of 4 Years of Service as Commissioner for the Brunswick-Glynn Joint Water & Sewer Commission (2021 – 2024)

RECOGNITION OF RETIREMENT

Lora Moore – 7 Years of Service to JWSC (2017 – 2024)
Alvin Lang – 26 Years of Service to JWSC (1998-2024)
Mark Ryals – 29 Years of Service to JWSC (1995 – 2024)

EMPLOYEE RECOGNITION

Bailey Fenn – Wastewater Collection System Operator License
Darin Nalls – Comp TIA Network+ Certification

COMMITTEE UPDATES

Facilities Committee – Chairman Turnipseed
Finance Committee – Committee Chairman Watson

APPROVAL

1. **Minutes from November 21, 2024, Commission Meeting** (*subject to any necessary changes*) [Report](#)
2. **Howard Coffin Park – Well Casing Repairs** – A. Burroughs [Report](#)
3. **MOU McKenzie Road and Depratter Lane Extension Road Project** – A. Burroughs [Report](#)
4. **Academy Creek Gearbox Repair** – A. Burroughs [Report](#)
5. **Dedication of Infrastructure** – T. Kline [Report](#)
 - **Outlot K** – Dedication of Infrastructure and Easement @ 100%
 - **WaWa** – Dedication of Infrastructure pending correction on record drawing

EXECUTIVE DIRECTOR’S UPDATE

COMMISSIONERS’ DISCUSSION

CHAIRMAN’S UPDATE

EXECUTIVE SESSION

MEETING ADJOURNED

*All citizens are invited to attend.
There is a possibility of a quorum of City or County Commissioners being present.*



**Brunswick-Glynn Joint Water and Sewer Commission
1703 Gloucester Street, Brunswick, GA 31520
Thursday, December 19, 2024, at 2:00 PM**

COMMISSION MINUTES

PRESENT:

**G. Ben Turnipseed, Chairman
Clayton Watson, Vice-Chairman
Charles Cook, Commissioner
Wayne Neal, Commissioner
Lance Sabbe, Commissioner
Dave Ford, Commissioner
Chad Strickland, Commissioner**

ALSO PRESENT:

**Andrew Burroughs, Executive Director
Charles A. Dorminy, HBS Legal Counsel
LaDonnah Roberts, Deputy Executive Director
Todd Kline, Director of Engineering
David Owens, Director of Finance
Pam Crosby, Director of Procurement
Jay Sellers, Director of Administration
Frances Wilson, Accounting Manager
Janice Meridith, Executive Commission Administrator**

Chairman Turnipseed called the meeting to order at 2:00 PM.

Commissioner Watson provided the Invocation, and Commissioner Cook led the Pledge of Allegiance.

PUBLIC COMMENT PERIOD

Chairman Turnipseed opened the public comment period.

There being no public comment, Chairman Turnipseed closed the public comment period.

**SPECIAL RECOGNITION – Georgia Association of Water Professionals
Water Distribution System Excellence Award
“Platinum Award Recipient”**

RECOGNITION OF SERVICE

Chad Strickland – Recognition of 4 Years of Service as Commissioner for the Brunswick-Glynn Joint Water & Sewer Commission (2021 – 2024)

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Mark Ryals – 29 Years of Service (1995 – 2024)

EMPLOYEE RECOGNITION

Bailey Fenn – Wastewater Collection System Operator License

Darin Nalls – Comp TIA Network+ Certification

COMMITTEE UPDATES

Facilities Committee – Chairman Turnipseed provided an update on the Facilities Committee Meeting held on December 18, 2024.

Finance Committee – Pro term Committee Chairman Cook provided an update on the Finance Committee Meeting held on December 18, 2024.

AMENDMENT TO AGENDA

Commissioner Sabbe made a motion seconded by Commissioner Watson to add Approval Item #6 to the agenda for the Amendment and Renewal for Legal Counsel from Hall Booth Smith, P.C. Motion carried 7-0-0.

APPROVAL

1. Minutes from the November 21, 2024, Regular Commission Meeting

Commissioner Watson made a motion seconded by Commissioner Strickland to approve the minutes from the November 21, 2024, Regular Commission Meeting. Motion carried 7-0-0.

2. Howard Coffin Well Casing Repairs – A. Burroughs

Mr. Burroughs advised that following a video inspection of the Howard Coffin well, it was determined that the casing is compromised in several different locations. Installing a smaller diameter casing inside a portion of the casing allows for repair of the compromised areas and does not affect the capacity of the well, as the existing well pump is the limiting factor. One bid was received from Woodrow Sapp Well Drilling Inc., in the amount of \$209,500.00. The estimated duration of the repair work is 2-4 weeks. This project will be funded from the R&R Reserve. Current uncommitted funds in the R&R Reserve is \$2,247,928 as of November 30.

Commissioner Ford made a motion seconded by Commissioner Strickland that the Brunswick-Glynn Joint Water and Sewer Commission approve the repair of the Howard Coffin Well Casing by Woodrow Sapp Well Drilling Inc., in the amount of \$209,500.00. Motion carried 7-0-0.

3. MOU – McKenzie Road and Depratter Lane Extension Road Project – A. Burroughs

Mr. Burroughs provided that Glynn County has bid out the McKenzie Road and Depratter Lane Extension Road Project to create a new roadway in the North Mainland district off Highway 341. As part of the original bid package advertised by Glynn County, water and sewer improvements were included. There were two bids received by Glynn County for the total project with the apparent low bidder being Georgia Asphalt Producers, Inc in the amount of \$2,503,412.50. Staff reviewed the bids received and re-examined the scope of work for water and sewer. The sewer portion was removed from the scope of work. Traditionally in these joint projects, JWSC has paid for improvements or extensions, while Glynn County has funded relocations necessitated by roadway realignments. This project is entirely extensions to the existing water infrastructure in the area. The calculated water main improvement total based on the bid provided by Georgia Asphalt Producers is \$252,320. Note that Georgia Asphalt Producers was low bid on the total project but is not low bid for the water improvements. However, given the savings in advertisement, engineering, and project management costs from the joint project with Glynn County, staff is comfortable moving forward with Georgia Asphalt Producers. Mr. Burroughs advised that the action taken today would be to enter into a Memorandum of Understanding with Glynn County for the JWSC to reimburse the County for project costs associated with the installation of a water main extension. This project will be funded through the Capital Improvement Fee Reserve.

Commissioner Sabbe made a motion seconded by Commissioner Watson that the Brunswick-Glynn Joint Water and Sewer Commission enter into a Memorandum of Understanding with Glynn County for the

McKenzie Road and Depratter Lane Extension Road Project in the amount of \$252,320.00. Motion carried 7-0-0.

4. Academy Creek AB3 Gearbox Repair – A. Burroughs

Following maintenance inspection by JWSC staff, it was determined that the gearbox for one of four aerators at Aeration Basin 3 at Academy Creek was in need of repair. Staff contact K Machine Industrial Services to remove the gearbox, take it back to their shop, and inspect it for necessary repairs. Upon inspection, it was determined that the gearbox needs all new bearings and seals to return to usable condition. Staff requested a quote from K Machine to complete the work which was provided on October 30. K Machine's quote for the work is \$31,680 with a 15–17-week lead time for the work to be completed. Given the cost of the repair, staff requested a quote from Rodgers-Turner & Associates for a replacement gearbox. Rodgers-Turner is the manufacturer's representative for Lightnin gearboxes for our region. The quote for a new gearbox is \$113,000 for a 12-week lead time and \$169,000 for a 1-week lead time. Staff believes it would be most prudent to rehab the existing gearbox due to the significant cost to purchase a new one. This project will be funded by the Academy Creek Operations budget.

Commissioner Ford made a motion seconded by Commissioner Strickland that the Brunswick-Glynn Joint Water and Sewer Commission approve the repair of the Academy Creek Aeration Basin 3 gearbox by K Machine Industrial Services, LLC, in the amount of \$31,680.00. Motion carried 7-0-0.

5. Dedication of Easements and Infrastructure – T. Kline

- **Outlot K Utilities Easement** – Dedication of Infrastructure and Easement
- **Wawa** – Dedication of Infrastructure

Mr. Kline provided that the developers of these two projects wish to dedicate infrastructure and convey easements. He added that the developers have submitted legal documents to define and execute the transfer of ownership. The infrastructure is understood to have complied with applicable standards at the time of construction. JWSC inspection records indicate the infrastructure was constructed to JWSC Standards, is functioning and is in acceptable condition.

Commissioner Ford made a motion seconded by Commissioner Watson that the Brunswick-Glynn Joint Water and Sewer Commission approve and accept these projects with associated documentation. Motion carried 7-0-0.

6. Amendment and Contract Renewal for Legal Counsel, Hall Booth Smith, P.C. – A. Burroughs

Mr. Burroughs noted that the firm of Hall Booth Smith, P.C. has represented and provided legal counsel to the Brunswick-Glynn Joint Water and Sewer Commission since May 2016. Their professional fees remained unchanged during this time. Their firm has now requested the Board's consideration of a rate adjustment for services provided by their Partners, Associates and Paralegals. When Hall Booth Smith, P.C. first began providing their services to the Brunswick-Glynn Joint Water and Sewer Commission, annual legal fees exceeded \$500,000. This was driven mostly by pending litigation, but there were also opportunities for streamlining communication between their firm and the Commission. Since that time, the two organizations have worked together to lower those fees, and we have been successful in doing so. The firm has now approached the Board to request an adjustment to their rates as outlined in the attached letter.

Commissioner Cook made a motion seconded by Commissioner Watson that the Brunswick-Glynn Joint Water and Sewer Commission approve the proposed rate adjustment for the professional fees related to legal services provided by Hall Booth Smith, P.C., and conduct an annual review of this agreement. Motion carried 7-0-0.

EXECUTIVE DIRECTOR'S UPDATE

Mr. Burroughs provided the Commissioners with a brief update and wishes for a very Merry Christmas.

COMMISSIONERS' DISCUSSION

There was no additional discussion.

CHAIRMAN'S UPDATE

Chairman Turnipseed provided the Commissioners with a brief update and his wishes for a very Merry Christmas and appreciation for everyone's hard work through the year.

EXECUTIVE SESSION

There was no Executive Session.

ADJOURN

There being no additional business to bring before the Commission, Chairman Turnipseed requested a motion to adjourn the meeting.

Commissioner Sabbe made a motion seconded by Commissioner Strickland to adjourn the meeting. Motion carried 7-0-0.

The Chairman adjourned the meeting at 2:57 p.m.



G. Ben Turnipseed,
Commission Chairman

Attest:



Janice Meridith,
Executive Commission Administrator



**Brunswick-Glynn Joint Water and Sewer Commission
1703 Gloucester Street, Brunswick, GA 31520
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COMMISSION MINUTES

PRESENT:

**G. Ben Turnipseed, Chairman
Clayton Watson, Vice-Chairman
Charles Cook, Commissioner
Wayne Neal, Commissioner
Lance Sabbe, Commissioner
Dave Ford, Commissioner
Chad Strickland, Commissioner**

ALSO PRESENT:

**Andrew Burroughs, Executive Director
Charles A. Dorminy, HBS Legal Counsel
LaDonnah Roberts, Deputy Executive Director
Todd Kline, Director of Engineering
David Owens, Director of Finance
Jay Sellers, Director of Administration
Janice Meridith, Executive Commission Administrator**

Chairman Turnipseed called the meeting to order at 2:00 PM.

EMPLOYEE RECOGNITION

**Benjamin Alexander – Wastewater Collection System Operator
Danzel Williams – Wastewater Collection System Operator
John Harrison – Wastewater Collection System Operator
Jason Vo – Water Operator Class 3**

Commissioner Watson provided the invocation, and Commissioner Strickland led the Pledge of Allegiance.

PUBLIC COMMENT PERIOD

Chairman Turnipseed opened the public comment period.

There being no public comment, Chairman Turnipseed closed the public comment period.

COMMITTEE UPDATES

Facilities Committee – Chairman Turnipseed provided an update on the Facilities Committee Meeting held on November 20, 2024.

Finance Committee – Pro term Committee Chairman Cook provided an update on the Finance Committee Meeting held on November 20, 2024.

APPROVAL

1. Minutes from the October 17, 2024, Regular Commission Meeting

Commissioner Cook made a motion seconded by Commissioner Neal to approve the minutes from the October 17, 2024, Regular Commission Meeting. Motion carried 7-0-0.

2. Worker's Compensation Annual Renewal – Jeffrey Singletary, TSI / Jeffrey Bridges, Turner Jarrett Bridges provided that three years ago, the JWSC switched from a thirteen (13) year relationship with The Zenith to National Liability & Fire for workers' compensation insurance. The Zenith experienced significant losses during the 2021-2022 policy year, which led to the premiums from National Liability & Fire being more competitive during the 2022-2023 policy. At last year's renewal, the JWSC experienced a 2.42% increase in workers compensation premium. For the current policy year, the workers' compensation premium is \$248,777. The experienced mod has risen sharply as it is based upon a 36-month period that includes consecutive significant claims years. On a positive note, for the current policy year to date, total losses are at the lowest point since 2010-2011. Also, the highest loss year will roll off before next year's renewal, which should yield positive results for the next renewal period. Given the increase in experience mod for the utility, Turner & Associates advised staff that it would be unlikely to receive more competitive pricing from a different carrier. National Liability & Fire provided a quote of \$268,148 for the annual renewal (\$19,371 above the current year premium). This equates to a 7.79% increase in workers' compensation insurance premiums.

Commissioner Sabbe made a motion seconded by Commissioner Watson that the Brunswick-Glynn Joint Water and Sewer Commission approve the purchase of workers' compensation insurance coverage with National Liability & Fire for policy year 2025-2026 in the amount of \$268,148. Motion Carried 7-0-0.

3. Fiber Optic Sharing Agreement – A. Burroughs

Mr. Burroughs stated that JWSC and Glynn County share a high-speed fiber optic data network which connects our facilities to a data center. This speeds up the transfer of data between systems and eliminates the duplication of services by the County and JWSC. In 2014, a ten-year agreement was entered into concerning this shared fiber optic network. The agreement expires November 25, 2024. At the October 16, 2024, Facilities Committee meeting, the Committee reviewed and recommended approval of this item. Once approved, additional edits were requested by Glynn County upon review by legal counsel.

Commissioner Ford made a motion seconded by Commissioner Strickland that the Brunswick-Glynn Joint Water and Sewer Commission renew the fiber optic sharing agreement with the Glynn County Board of Commissioners. Motion carried 7-0-0.

4. Glynn-Brunswick 911 Services Agreement for External Entities – A. Burroughs

Mr. Burroughs advised that Glynn County and the City of Brunswick established a Joint Public Safety Communications Department (JPSCD) to provide radio coverage for police, fire, and emergency medical services. JWSC purchased a total of ten (10) of these radios in three total purchases in 2015, 2017, and 2021 to utilize during emergency response efforts in the event of loss of cellular service. During this period, the JWSC utilizes the ten (10) 800 MHz radios to be able to communicate with key team members during the event. The attached agreement outlines responsibilities for the JWSC when considering using these radios and provides for a service charge to be paid by the JWSC to Glynn County for their usage. The service charge is \$55 per month per radio, or \$6,600 annually. This item will be paid from the Admin Services annual operating budget.

Commissioner Ford made a motion seconded by Commissioner Watson that the Brunswick-Glynn Joint Water and Sewer Commission enter into the Glynn-Brunswick 911 Services Agreement with the Glynn County Board of Commissioners. Motion carried 7-0-0.

5. Customer Portal for Water Usage Management – L. Roberts

Mrs. Roberts shared with the Committee that in November 2023, the Brunswick-Glynn Joint Water & Sewer Commission completed a systemwide water meter change-out. As part of that project, BGJWSC also implemented a new meter data management system that is a software product from the manufacturer of the new water meters, Neptune Technologies. That product is named Neptune360. Neptune360 is used by BGJWSC staff to upload and download information between our billing system and our meter reading

process. It also provides the benefit of allowing all BGJWSC staff to view customer water usage data by month, day, or hour. Neptune360 also has the capability of setting alerts to identify customers' unusual water usage patterns. However, this data is only available to staff members. So, any notifications to customers of those identified issues must currently occur through a manual process managed by BGJWSC staff. Customers have been extremely appreciative of the current courtesy alerts sent to them by staff. However, numerous customers have expressed an interest in having direct access to the water usage data. That is the purpose of the Neptune My360 software. Implementation of that software will allow customers to set up a portal specific to their account(s) and not only view their usage data, but set alerts related to their usage. It will also allow customers who have multiple accounts to manage all of those water usage accounts with one login, but separate alert parameters. This will result in even more timely and more customized notification to customers of a potential issue, with the accompanying benefits of keeping unintended water usage low and conserving water.

Commissioner Neal made a motion seconded by Commissioner Sabbe that the Brunswick-Glynn Joint Water and Sewer Commission approve purchase and implementation of the Neptune My360 Customer Portal and associated staff training at a cost of \$36,500. Motion carried 7-0-0.

6. 1703 Gloucester Subdivision Plat – A. Burroughs

Mr. Burroughs stated that In June 2021, Glynn County and the JWSC executed an intergovernmental lease agreement with purchase option for the property previously occupied by CVS at 1709 Gloucester Street. The lease agreement was for \$5,500 per month with a purchase option for \$280,000, with any lease payments made being contributed towards the purchase price. The County and JWSC have been working through the subdivision process as required by the City of Brunswick to finalize the sale of the property. Shupe Surveying was contracted by Glynn County to perform the necessary field work and documentation to subdivide the property. The JWSC retains ownership of 1703 Gloucester (main office) and 1715 Gloucester (annex). Glynn County will purchase 1709 Gloucester (Board of Elections and the parking lot in front of 1709 Gloucester). The generator for 1703 Gloucester will be located on the newly created parcel at 1709 Gloucester. Easements for the generator, access, and parking will be recorded separately. From commencement of the lease agreement, Glynn County has paid \$231,500 in monthly lease payments to the JWSC. Through execution of the purchase option, the County will pay the remaining balance of \$48,500 to the JWSC.

Commissioner Strickland made a motion seconded by Commissioner Sabbe that the Brunswick-Glynn Joint Water and Sewer Commission approve the subdivision plat of 1703 Gloucester Street. Motion carried 7-0-0.

7. Academy Creek Influent Pumps Purchase – A. Burroughs

Mr. Burroughs stated that The JWSC operates four (4) submersible influent pumps at Academy Creek to pump the wastewater throughout the treatment process. The existing 125 horsepower (hp), 12" Yeomans pumps are obsolete, and parts are not available for rehabbing the existing pumps. The lack of availability of parts was confirmed by both repair shops and a manufacturer's representative for the Yeomans line of pumps. In September 2023, the Commission approved the purchase of two new (2) Flygt pumps from Xylem Water Solutions. In the Fiscal Year 2025 budget, staff requested the purchase of two additional Flygt influent pumps for Academy Creek. At the September 2024 Commission meeting, the Commission approved a contract with BRW Construction to install new bases and guiderails for all four pump slots, with material being provided by Xylem at no cost to the JWSC due to issues matching the new pumps to the existing bases. To maintain consistency among the influent pumps at Academy Creek, staff requested a sole source quote from Xylem Water Solutions for two new 110 hp Flygt pumps. The cost of these two new pumps including shipping is \$168,030. This equipment was approved in the capital purchase line item of the FY2025 budget for the Wastewater Treatment division with a budgeted cost of \$160,000.

Commissioner Watson made a motion seconded by Commissioner Neal that the Brunswick-Glynn Joint Water and Sewer Commission approve the purchase of two new Flygt influent pumps at Academy Creek from Xylem Water Solutions USA, Inc. in the amount of \$168,030. Motion carried 7-0-0.

8. Dedication of Easements and Infrastructure – T. Kline

- **Vintage Brunswick Apartments** – Dedication of Water System and Easement
- **Autumns Wood Phase 4** – Dedication of Water, Sanitary Sewer, and Easement

Mr. Kline noted that The Owners of Record of the infrastructure described within have submitted legal documents to: 1) define and execute the transfer of ownership; and, 2) convey easements for access and maintenance. The infrastructure is understood to have complied with applicable standards at the time of construction. JWSC inspection records indicate the infrastructure was constructed to JWSC Standards, is functioning and is in acceptable condition. All requirements of the JWSC Standards for Water & Wastewater System Design and Construction and Development Procedures have been met, and all related documents submitted. Staff recommends acceptance and approval of the conveyance of easements and dedications of infrastructure and described herein.

Commissioner Sabbe made a motion seconded by Commissioner Watson that the Brunswick-Glynn Joint Water and Sewer Commission approve and accept the Vintage Brunswick Apartments project with associated documentation. Motion carried 7-0-0.

Commissioner Watson made a motion seconded by Commissioner Sabbe that the Brunswick-Glynn Joint Water and Sewer Commission approve and accept the Autumns Wood project with associated documentation. Motion carried 6-0-1. (Commissioner Neal abstained due to association with project.)

EXECUTIVE DIRECTOR'S UPDATE

Mr. Burroughs provided the Commissioners with an update on the Organizational Core Values and where JWSC is today.

COMMISSIONERS' DISCUSSION

There was no additional discussion.

CHAIRMAN'S UPDATE

Chairman Turnipseed provided the Commissioners with a brief update.

EXECUTIVE SESSION

There was no Executive Session.

ADJOURN

There being no additional business to bring before the Commission, Chairman Turnipseed requested a motion to adjourn the meeting.

Commissioner Neal made a motion seconded by Commissioner Ford to adjourn the meeting. Motion carried 7-0-0.

The Chairman adjourned the meeting at 3:10 p.m.

G. Ben Turnipseed,
Commission Chairman

Attest:

Janice Meridith,
Executive Commission Administrator



Brunswick-Glynn

Joint Water and Sewer Commission

Memorandum

To: Brunswick-Glynn Joint Water and Sewer Commission
From: Andrew Burroughs, P.E., Executive Director
Date: Thursday, December 19, 2024
Re: Howard Coffin Well Casing Repairs

Background

Following a video inspection of the Howard Coffin well, it was determined that the casing is compromised in several different locations. This is causing sand to accumulate in the ground storage tank and reducing well efficiency. Installing a smaller diameter casing inside a portion of the casing allows for repair of the compromised areas and does not affect the capacity of the well, as the existing well pump is the limiting factor.

Staff Report

The solicitation was released on Thursday, October 21, 2024. On Thursday, December 5, 2024, one (1) sealed bid was received from Woodrow Sapp Well Drilling Inc., in the amount of \$209,500.00. The estimated duration of the repair work is 2-4 weeks.

This item was presented to the Facilities and Finance Committees on December 18, 2024.

Funding Source

This project will be funded from the R&R Reserve. Current uncommitted funds in the R&R Reserve is \$2,247,928 as of November 30.

Recommended Action

Staff recommends contracting with Woodrow Sapp Well Drilling Inc., for the Howard Coffin Well Casing repairs in the amount of \$209,500.00.

Recommended Motion

"I move that Brunswick-Glynn Joint Water and Sewer Commission approve the repair of the Howard Coffin Well Casing by Woodrow Sapp Well Drilling Inc., in the amount of \$209,500.00"

Enclosures

Bid Submission from Woodrow Sapp Well Drilling, Inc., dated 12/5/2024

WOODROW SAPP

WELL DRILLING, INC.

Serving Glynn and Surrounding Counties
Since 1932



Residential – Commercial
Industrial – Municipal
Water Systems

4774 NEW JESUP HIGHWAY
BRUNSWICK, GEORGIA 31520
Tel: 912 / 265-2603
FAX: 912 / 262-0423

December 5, 2024

Brunswick-Glynn County Joint Water and Sewer Commission
1703 Gloucester St
Brunswick, GA 31520

ITB 25-004 CONSTRUCTION SERVICES FOR REPAIRS TO HOWARD COFFIN WELL CASING

RE: 16" WELL LINER FOR 20" WELL LOCATED AT HOWARD COFFIN PARK, BRUNSWICK, GLYNN COUNTY, GEORGIA

Following video inspection of the well, it was determined that the casing is compromised in several different locations. We propose installing a 16 inch liner inside the casing to a depth of approximately 580 ft. This option will leave the 19 inch open hole below the casing, from approximately 580 ft to 820 ft, intact & undisturbed, so capacity should not be affected. Description of work is as follows:

- Brine kill the well with a brine solution to suppress the natural artesian flow of the well
- Install 16" .375 wall steel casing in 40 ft sections, welding each joint, utilizing a crane
- Install cement baskets on the bottom of the casing to allow proper placement for the cement grout, securing existing casing & liner
- Mobilize pumping equipment on site to pump cement in the annulus space from bottom to top.
- Remove brine plug, install existing 14" turbine pump & pump well off in preparation for putting back online.

TOTAL PRICE: \$209,500.00

Anticipated duration of work is 2-4 weeks

As always, we appreciate, very much, the opportunity to be of service to you. Should you have any questions, or if we can be of further assistance to you, please do not hesitate to give us a call.

Sincerely,

**WOODROW SAPP
WELL DRILLING, INC.**

- Owner/Purchaser grants WSWD, Inc. the right to enter upon and drive vehicles, including heavy trucks over his/her property to work site using the most efficient means of ingress and egress at sole discretion of WSWD, Inc. and agree to release and save harmless WSWD, Inc. from any and all damage to all said property including but not limited to concrete, landscaping, all equipment, fixtures or improvements located on or under the ground. This proposal is subject to change unless signed, returned and agreed that the order to proceed is given within 30 days. The above proposal is accepted at the prices and terms specified herein. Owner/Purchaser also understands and agrees that all equipment installed as described above remains the sole property of WSWD, Inc. until paid in full.
- Woodrow Sapp Well Drilling maintains Worker's Compensation, Employer's Liability Insurance, Bodily Injury Liability and Property Damage Liability Insurance for all of employees to be engaged in work on the project. Proper insurance coverage protects from claims for damages or personal injury, including accidental death, as well as from claims for property damage.

"QUALITY REMAINS - LONG AFTER PRICE IS FORGOTTEN"



Brunswick-Glynn

Joint Water and Sewer Commission

Memorandum

To: Brunswick-Glynn Joint Water and Sewer Commission
From: Andrew Burroughs, P.E., Executive Director
Date: Thursday, December 19, 2024
Re: MOU – McKenzie Road and Depratter Lane Extension Road Project

Background

Glynn County has bid out the McKenzie Road and Depratter Lane Extension Road Project to create a new roadway in the North Mainland district off Highway 341. As part of the original bid package advertised by Glynn County, water and sewer improvements were included. There were two bids received by Glynn County for the total project with the apparent low bidder being Georgia Asphalt Producers, Inc in the amount of \$2,503,412.50.

Staff Report

Staff reviewed the bids received and re-examined the scope of work for water and sewer. Traditionally in these joint projects, JWSC has paid for improvements or extensions, while Glynn County has funded relocations necessitated by roadway realignments. This project is entirely extensions to the existing water infrastructure in the area.

There are two private development projects that are in different stages of planning and construction that are in the project area. Based on what has currently been installed, the scope of the water and sewer project can be reduced from what was advertised. Exhibits are attached showing the final scope of work and calculated award amount. The calculated water main improvement total based on the bid provided by Georgia Asphalt Producers is \$252,320. Note that Georgia Asphalt Producers was low bid on the total project but is not low bid for the water improvements. However, given the savings in advertisement, engineering, and project management costs from the joint project with Glynn County, staff is comfortable moving forward with Georgia Asphalt Producers.

The action taken today would be to enter into a Memorandum of Understanding with Glynn County for the JWSC to reimburse the County for project costs associated with the installation of a water main extension.

This item was presented to the Facilities and Finance Committees on December 18, 2024.

Funding Source

This project will be funded through the Capital Improvement Fee Reserve.

Recommended Action

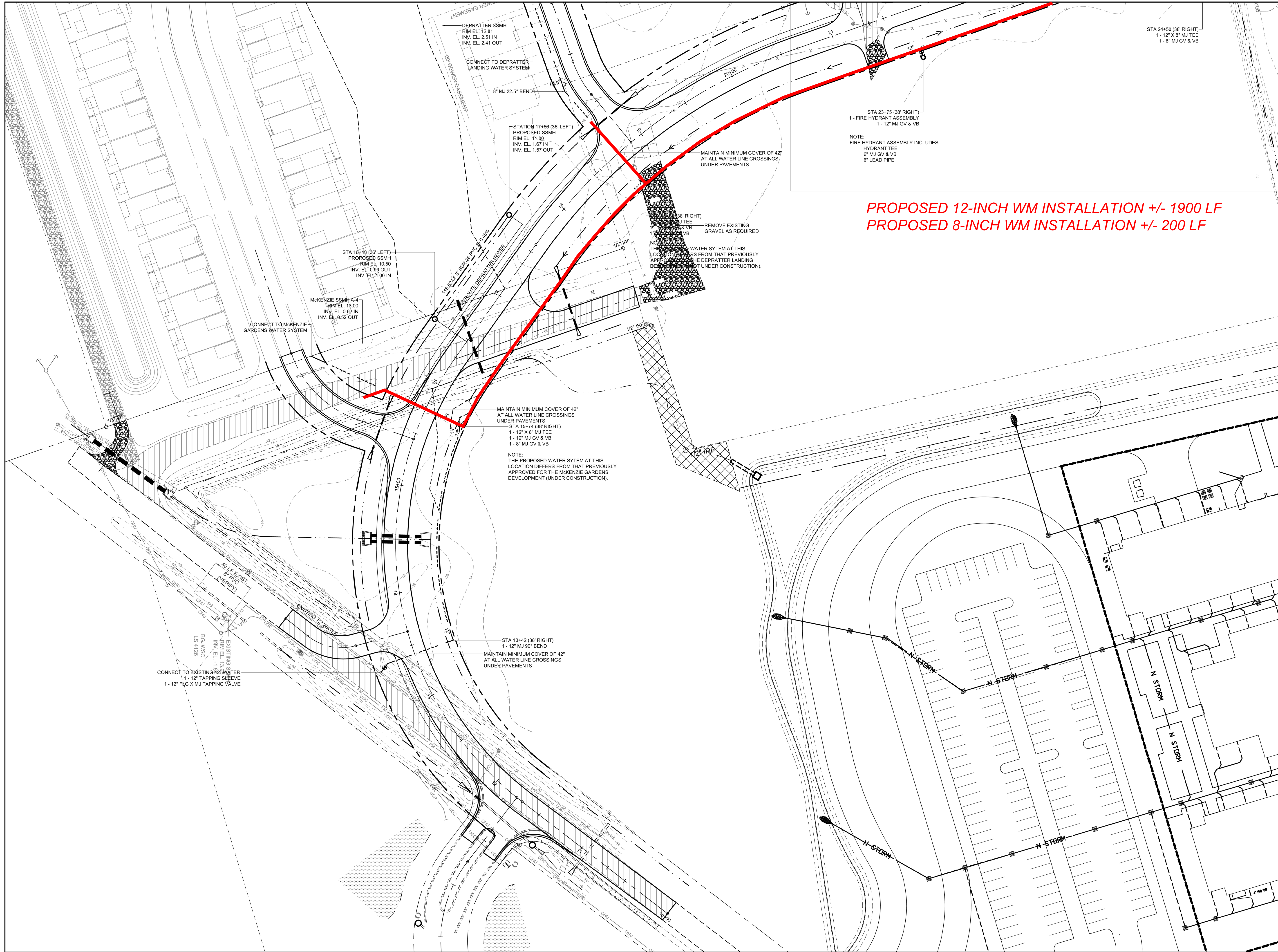
Staff recommends approving the MOU with Glynn County for the McKenzie Road and Depratter Lane Extension Road Project in the amount of \$252,320.00.

Recommended Motion

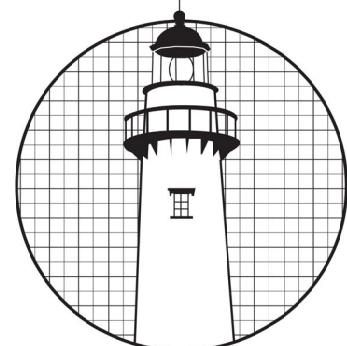
“I move that the Brunswick-Glynn Joint Water and Sewer Commission enter into a Memorandum of Understanding with Glynn County for the McKenzie Road and Depratter Lane Extension Road Project in the amount of \$252,320.00”

Enclosures

Memorandum of Understanding
Glynn County Bid Tab
Scope of Work Exhibit
Water and Sewer Bid Tab



PROPOSED 12-INCH WM INSTALLATION +/- 1900 LF
PROPOSED 8-INCH WM INSTALLATION +/- 200 LF



**COASTAL
ENGINEERING
CONSULTANTS**

COASTAL ENGINEERING CONSULTANTS, INC.
P. O. BOX 20306
ST. SIMONS ISLAND, GEORGIA 31522
PHONE: (912) 223-0647
EMAIL: johnh@cec-ga.com

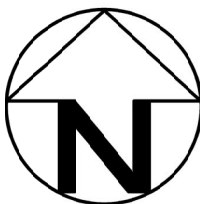


GEORGIA P.E. EXPIRATION DATE:	12-31-2024
PROFESSIONAL ENGINEERING FIRM NO.:	PEF 002689
GSWCC LEVEL II CERTIFICATION NO.:	026209
GSWCC LEVEL II CERTIFICATION EXPIRATION DATE:	12-06-2024

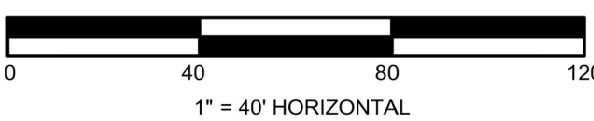
REVISIONS

NO.	DATE	DESCRIPTION
1	07-16-2024	ADDED ESPC PLAN
2	09-04-2024	GLYNN COUNTY 100% REVIEW COMMENTS

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GRAPHIC SCALE



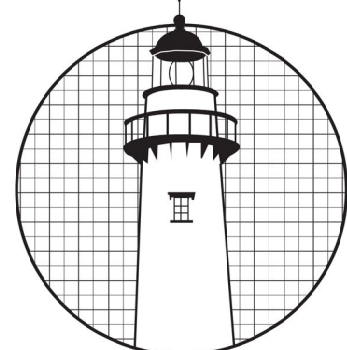
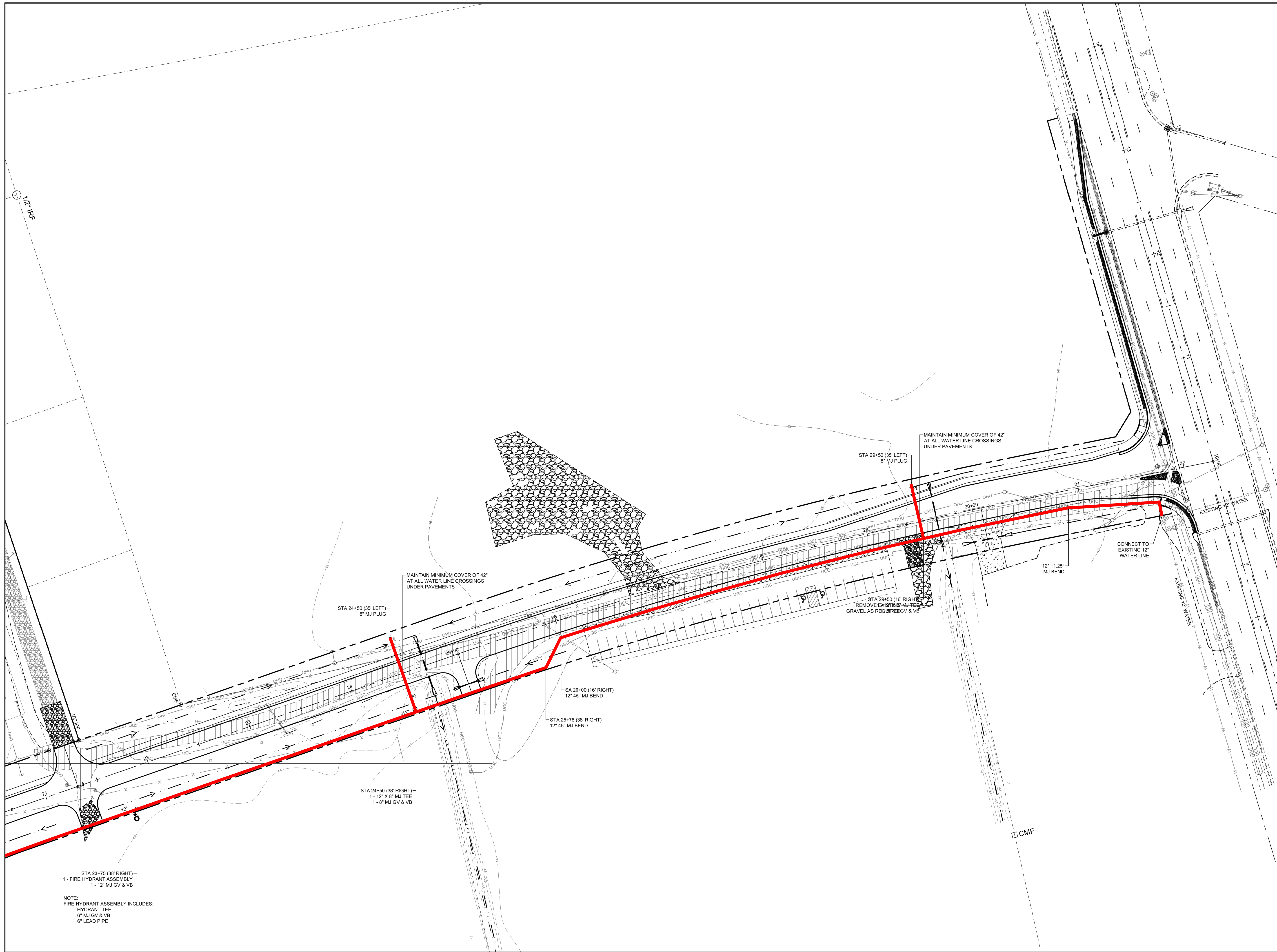
FILE NO.:	2023-007-C601	DRAWN BY:	
DATE:	JUNE 24, 2024	CHECKED BY:	NJH

CONSTRUCTION PLANS
**MCKENZIE ROAD & DEPRATTER LANE
EXTENSION PROJECT**
1356 G.M.D., GLYNN COUNTY, GEORGIA

FOR
GLYNN COUNTY BOARD OF COMMISSIONERS

UTILITY PLAN
SHEET 1 OF 2

SHEET NUMBER: C601



**COASTAL
ENGINEERING
CONSULTANTS**

COASTAL ENGINEERING CONSULTANTS, INC.
P. O. BOX 20306
ST. SIMONS ISLAND, GEORGIA 31522
PHONE: (912) 223-0647
EMAIL: johnh@cec-ga.com

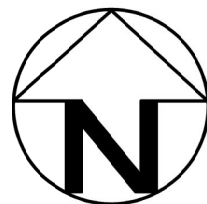


GEORGIA P.E. EXPIRATION DATE:	12-31-2024
PROFESSIONAL ENGINEERING FIRM NO.:	PEF 002689
GSWCC LEVEL II CERTIFICATION NO.:	026209
GSWCC LEVEL II CERTIFICATION EXPIRATION DATE:	12-06-2024

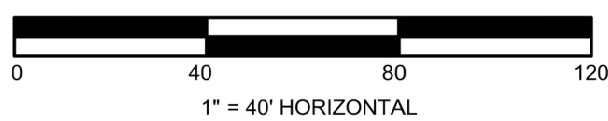
REVISIONS

NO.	DATE	DESCRIPTION
1	07-16-2024	ADDED ESPC PLAN
2	09-04-2024	GLYNN COUNTY 100% REVIEW COMMENTS

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REMAINS THE PROPERTY OF COASTAL ENGINEERING CONSULTANTS, INC. AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF COASTAL ENGINEERING CONSULTANTS, INC.



GRAPHIC SCALE



FILE NO.:	2023-07-C602	DRAWN BY:	
DATE:	JUNE 24, 2024	CHECKED BY:	NJH

CONSTRUCTION PLANS
**McKENZIE ROAD & DEPRATTER LANE
EXTENSION PROJECT**
1356 G.M.D., GLYNN COUNTY, GEORGIA

FOR
GLYNN COUNTY BOARD OF COMMISSIONERS

UTILITY PLAN
SHEET 2 OF 2

SHEET NUMBER: C602



Glynn County
Procurement

Resden Talbert, Procurement Officer
1725 Reynolds Street, Brunswick, GA 31520

EVALUATION TABULATION

IFB No. IFB25-027

McKenzie Road and Depratter Lane Extension Road Project

RESPONSE DEADLINE: November 22, 2024 at 1:30 pm

Report Generated: Wednesday, November 27, 2024

SELECTED VENDOR TOTALS

Vendor	Total
Georgia Asphalt Producers, Inc	\$2,503,412.50
Plant Improvement Co. ,Inc DBA Seabaord Construction Company	\$2,737,319.295

BID TABS

BID TABS					Georgia Asphalt Producers, Inc		Plant Improvement Co. ,Inc DBA Seabaord Construction Company	
Selected	Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total
X	1	MOBILIZATION	1	LS	\$43,405.00	\$43,405.00	\$117,108.62	\$117,108.62
X	2	TRAFFIC CONTROL	1	LS	\$22,500.00	\$22,500.00	\$32,834.37	\$32,834.37
X	3	CONSTRUCTION EXIT	1	EA	\$8,500.00	\$8,500.00	\$4,191.01	\$4,191.01
X	4	DEWATERING	1	LS	\$5,500.00	\$5,500.00	\$36,130.84	\$36,130.84
X	5	GRADING COMPLETE	1	LS	\$547,585.00	\$547,585.00	\$398,751.84	\$398,751.84

EVALUATION TABULATION

IFB No. IFB25-027

McKenzie Road and Depratrer Lane Extension Road Project

BID TABS					Georgia Asphalt Producers, Inc		Plant Improvement Co. ,Inc DBA Seabaord Construction Company	
Selected	Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total
X	6	SILT-FENCE, NON SENSITIVE	6000	LF	\$4.00	\$24,000.00	\$4.33	\$25,980.00
X	7	SILT FENCE DOUBLE ROW, SENSITIVE	1200	LF	\$9.00	\$10,800.00	\$10.27	\$12,324.00
X	8	STORM DRAIN OUTLET PROTECTION (STONE DUMPED RIP RAP)	400	SY	\$110.00	\$44,000.00	\$146.06	\$58,424.00
X	9	BALED STRAW CHECK DAMS	25	EA	\$125.00	\$3,125.00	\$533.46	\$13,336.50
X	10	WATER QUALITY MONITORING AND SAMPLING	6	EA	\$850.00	\$5,100.00	\$218.94	\$1,313.64
X	11	WATER QUALITY INSPECTIONS	6	Month	\$650.00	\$3,900.00	\$985.23	\$5,911.38
X	12	TEMPORARY GRASSING	6.3	AC	\$3,735.00	\$23,530.50	\$2,333.87	\$14,703.381
X	13	PERMANENT GRASSING	6.3	AC	\$5,275.00	\$33,232.50	\$4,200.98	\$26,466.174
X	14	ADJUST MANHOLE TO GRADE	1	EA	\$2,000.00	\$2,000.00	\$1,278.62	\$1,278.62
X	15	UNCLASSIFIED EXCAVATION CUT BANK MEASURED	1800	CY	\$15.00	\$27,000.00	\$26.71	\$48,078.00
X	16	BORROW AS UNCLASSIFIED REPLACEMENT	1800	CY	\$20.00	\$36,000.00	\$30.77	\$55,386.00
X	17	GEOTEXTILE FABRIC, MIRAFI RS580i	1800	SY	\$4.50	\$8,100.00	\$7.00	\$12,600.00
X	18	GR AGGR BASE CRS, INCL MATL & PRIME, 8 IN	2770	TN	\$64.00	\$177,280.00	\$75.83	\$210,049.10
X	19	REC ASPH CONC 12.5 MM SP, GP 1 / 2, INCL BITUM MATL & LIME (165-LB/SY)	600	TN	\$142.00	\$85,200.00	\$170.87	\$102,522.00

EVALUATION TABULATION

Invitation For Bid - McKenzie Road and Depratrer Lane Extension Road Project

EVALUATION TABULATION

IFB No. IFB25-027

McKenzie Road and Depratrer Lane Extension Road Project

BID TABS					Georgia Asphalt Producers, Inc		Plant Improvement Co. ,Inc DBA Seabaord Construction Company	
Selected	Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total
X	20	REC ASPH CONC 19 MM SP, GP 1 / 2, INCL BITUM MATL & LIME (220-LB/SY)	780	TN	\$142.00	\$110,760.00	\$166.80	\$130,104.00
X	21	REC ASPH CONC 25 MM SP, GP 1 / 2, INCL BITUM MATL & LIME (330-LB/SY)	1270	TN	\$142.00	\$180,340.00	\$162.45	\$206,311.50
X	22	BITUMINOUS TACK COAT	2000	GAL	\$5.55	\$11,100.00	\$6.46	\$12,920.00
X	23	MILL, ASPHALT CONC PVMT, 1 .5 Inch Depth	600	SY	\$16.25	\$9,750.00	\$34.97	\$20,982.00
X	24	PAVEMENT REINFORCING FABRIC, 20" INCLD MILLING	600	LF	\$9.75	\$5,850.00	\$24.61	\$14,766.00
X	25	CONC MEDIAN, 6", TYPE 7	50	SY	\$70.00	\$3,500.00	\$243.18	\$12,159.00
X	26	CONC CURB & GUTTER, 6" x 30", TYPE 2	450	LF	\$38.00	\$17,100.00	\$43.22	\$19,449.00
X	27	CONC CURB & GUTTER, 3"	505	LF	\$35.00	\$17,675.00	\$37.08	\$18,725.40
X	28	CONC SIDEWALK, 4 Inch	1357	SY	\$49.50	\$67,171.50	\$80.32	\$108,994.24
X	29	CONCRETE SIDEWALK, 4 Inch COLRED AND STAMPED	80	SY	\$79.00	\$6,320.00	\$206.73	\$16,538.40
X	30	HIGHWAY SIGNS AND POSTS	1	LS	\$12,000.00	\$12,000.00	\$12,669.61	\$12,669.61
X	31	THERMOPLASTIC TRAFFIC STRIPING & MARKINGS	1	LS	\$24,530.00	\$24,530.00	\$29,753.92	\$29,753.92
X	32	STORM DRAIN PIPE, 15 IN, H 1-10, RCP	200	LF	\$121.00	\$24,200.00	\$65.47	\$13,094.00
X	33	STORM DRAIN PIPE, 18 IN, H 1-10, RCP	120	LF	\$138.00	\$16,560.00	\$93.05	\$11,166.00

EVALUATION TABULATION

Invitation For Bid - McKenzie Road and Depratrer Lane Extension Road Project

EVALUATION TABULATION

IFB No. IFB25-027

McKenzie Road and Depratrer Lane Extension Road Project

BID TABS					Georgia Asphalt Producers, Inc		Plant Improvement Co. ,Inc DBA Seabaord Construction Company	
Selected	Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total
X	34	STORM DRAIN PIPE, 19 X 30 IN, H 1-10, RCPE	64	LF	\$248.00	\$15,872.00	\$168.04	\$10,754.56
X	35	STORM DRAIN PIPE, 14 X 23 IN RCPE	16	LF	\$209.00	\$3,344.00	\$144.06	\$2,304.96
X	36	STORM DRAIN PIPE, 30 IN, H 1-10, RCP	80	LF	\$220.00	\$17,600.00	\$172.20	\$13,776.00
X	37	STORM DRAIN PIPE, 29 X45 IN, H 1-10, RCPE	128	LF	\$374.00	\$47,872.00	\$267.01	\$34,177.28
X	38	STORM DRAIN PIPE, 48 IN, H 1-10, RCP	96	LF	\$440.00	\$42,240.00	\$286.93	\$27,545.28
X	39	FLARED END SECTION CONCRETE, 15 IN	8	EA	\$1,320.00	\$10,560.00	\$1,327.25	\$10,618.00
X	40	FLARED END SECTION CONCRETE, 18 IN	4	EA	\$1,540.00	\$6,160.00	\$1,454.42	\$5,817.68
X	41	FLARED END SECTION CONCRETE, 19" X 30"	2	EA	\$3,520.00	\$7,040.00	\$3,539.76	\$7,079.52
X	42	CONCRETE HEADWALL, 48 IN GA STD 1125	2	EA	\$22,000.00	\$44,000.00	\$22,771.47	\$45,542.94
X	43	CONCRETE HEADWALL, DOUBLE 29" x 45" GA STD 1125	2	EA	\$38,500.00	\$77,000.00	\$29,927.99	\$59,855.98
X	44	RECONSTRUCT STORM SEWER MANHOLE, TYPE 1	1	EA	\$2,750.00	\$2,750.00	\$10,439.84	\$10,439.84
X	45	DOUBLE WING CURB INLET (GASTD 1034D)	1	EA	\$7,150.00	\$7,150.00	\$9,142.65	\$9,142.65
X	46	GDOT CHAIN LINK FENCE IN KIND INSTALLED ALONG NEW RIGHT OF WAY.	650	LF	\$30.80	\$20,020.00	\$37.34	\$24,271.00
X	47	FNB BANK CHAIN LINK FENCE 7' IN KIND INSTALLED ALONG NEW ROW	1250	LF	\$28.00	\$35,000.00	\$33.34	\$41,675.00

EVALUATION TABULATION

Invitation For Bid - McKenzie Road and Depratrer Lane Extension Road Project

Page 4

EVALUATION TABULATION

IFB No. IFB25-027

McKenzie Road and Depratrer Lane Extension Road Project

BID TABS					Georgia Asphalt Producers, Inc		Plant Improvement Co. ,Inc DBA Seabaord Construction Company	
Selected	Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total
X	48	12 Inch C900 WATER LINE	2040	LF	\$105.00	\$214,200.00	\$96.01	\$195,860.40
X	49	12 Inch GATE VALVE WITH VALVE BOX	5	EA	\$6,050.00	\$30,250.00	\$4,481.62	\$22,408.10
X	50	12 Inch x 8 Inch DI TEE	4	EA	\$1,760.00	\$7,040.00	\$920.90	\$3,683.60
X	51	12 Inch x 12 Inch TAPPING SADDLE	2	EA	\$4,400.00	\$8,800.00	\$3,104.21	\$6,208.42
X	52	12 Inch TAPPING VALVE WITH BOX	2	EA	\$6,820.00	\$13,640.00	\$6,733.48	\$13,466.96
X	53	8 Inch C900 WATER LINE	540	LF	\$61.00	\$32,940.00	\$40.09	\$21,648.60
X	54	8 Inch GATE VALVE WITH BOX	5	EA	\$3,300.00	\$16,500.00	\$2,652.63	\$13,263.15
X	55	8 Inch Plug	2	EA	\$715.00	\$1,430.00	\$480.55	\$961.10
X	56	6 Inch GATE VALVE WITH BOX	1	EA	\$2,200.00	\$2,200.00	\$1,835.46	\$1,835.46
X	57	FIRE HYDRANT AND ASSEMBLY	1	EA	\$8,500.00	\$8,500.00	\$8,292.70	\$8,292.70
X	58	TESTING AND DISINFECTION OF NEW WATER LINE	1	LS	\$2,750.00	\$2,750.00	\$7,277.49	\$7,277.49
X	59	SANITARY SEWER MANHOLE	2	EA	\$10,450.00	\$20,900.00	\$6,340.31	\$12,680.62
X	60	8 Inch SDR26 PVC GRAVITY SEWER LINE	240	LF	\$275.00	\$66,000.00	\$46.83	\$11,239.20
X	61	SEWER TESTING	1	LS	\$7,150.00	\$7,150.00	\$7,477.94	\$7,477.94
X	62	FOUNDATION BACKFILL TYP II	75	CY	\$30.00	\$2,250.00	\$154.24	\$11,568.00

EVALUATION TABULATION

Invitation For Bid - McKenzie Road and Depratrer Lane Extension Road Project

EVALUATION TABULATION

IFB No. IFB25-027

McKenzie Road and Depratrer Lane Extension Road Project

BID TABS					Georgia Asphalt Producers, Inc		Plant Improvement Co. ,Inc DBA Seabaord Construction Company	
Selected	Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total
X	63	GR AGGR BASE CRS, INCL MATL & PRIME, 10 IN	460	TN	\$64.00	\$29,440.00	\$79.07	\$36,372.20
X	64	REC ASPH CONC 9.5 MM SP, GP 1/2, INCL BITUM MATL & LIME (135-LB/SY)	60	TN	\$145.00	\$8,700.00	\$223.73	\$13,423.80
X	65	RELOCATE GDOT BUILDING	1	LS	\$60,000.00	\$60,000.00	\$229,319.63	\$229,319.63
X	66	TIE SEWER TO EXISTING MCKENZIE GARDENS SANITARY SEWER MANHOLE STRUCTURE A-4	1	LS	\$16,500.00	\$16,500.00	\$12,308.69	\$12,308.69
Total						\$2,503,412.50		\$2,737,319.295

VENDOR QUESTIONNAIRE PASS/FAIL

Question Title	Georgia Asphalt Producers, Inc	Plant Improvement Co. ,Inc DBA Seabaord Construction Company
Bid Confirmation	Pass	Pass
W9	Pass	Pass
Representation Affidavit	Pass	Pass
Georgia Security and Immigration Contractor Affidavit	Pass	Pass
Georgia Security and Immigration Subcontractor Affidavit	Pass	Pass
SAVE Affidavit	Pass	Pass
Equal Employment Opportunity (EEO) Practice	Pass	Pass

EVALUATION TABULATION

Invitation For Bid - McKenzie Road and Depratrer Lane Extension Road Project

EVALUATION TABULATION

IFB No. IFB25-027

McKenzie Road and Depratrer Lane Extension Road Project

Question Title	Georgia Asphalt Producers, Inc	Plant Improvement Co. ,Inc DBA Seabaord Construction Company
Does the Proposer have the above EEO policy in place?	Pass	Pass
Statement of Assurance	Pass	Pass
Legal and Character Qualifications	Pass	Pass
Principals: The full names and addresses of persons or parties interested in the foregoing bid, as principals, are as follows:	Pass	Pass
References: The Bidder lists below work he has done of similar nature as this solicitation, as references that will afford the County opportunity to judge as to experience, skill, business standing, and financial ability. A minimum of three (3) references are required.	Pass	Pass
Supplier Oath	Pass	Pass
Glynn County Bid Bond	Pass	Pass
Glynn County Pre-Qualification Approval Letter	Pass	Pass

EVALUATION TABULATION

Invitation For Bid - McKenzie Road and Depratrer Lane Extension Road Project

MCKENZIE ROAD AND DEPRATTER LANE EXTENSION WATER MAIN IMPROVEMENTS BID TAB

LINE ITEM	DESCRIPTION	QUANTITY	UNIT OF MEASURE	GEORGIA ASPHALT PRODUCERS, INC.		PLANT IMPROVEMENT CO., INC	
				UNIT COST	TOTAL	UNIT COST	TOTAL
1	12 INCH C900 PVC WM	1917	LF	\$	105.00 \$ 201,285.00	\$	96.01 \$ 184,051.17
2	12 INCH GV AND BOX	2	EA	\$	6,050.00 \$ 12,100.00	\$	4,481.62 \$ 8,963.24
3	12X8 TEE	3	EA	\$	1,760.00 \$ 5,280.00	\$	920.90 \$ 2,762.70
4	8 INCH C900 PVC WM	205	LF	\$	61.00 \$ 12,505.00	\$	40.09 \$ 8,218.45
5	8 INCH GV AND BOX	3	EA	\$	3,300.00 \$ 9,900.00	\$	2,652.63 \$ 7,957.89
6	FIRE HYDRANT ASSEMBLY	1	EA	\$	8,500.00 \$ 8,500.00	\$	8,292.70 \$ 8,292.70
7	TESTING AND DISINFECTION	1	LS	\$	2,750.00 \$ 2,750.00	\$	7,277.49 \$ 7,277.49
					\$ 252,320.00		
							\$ 227,523.64



Brunswick-Glynn

Joint Water and Sewer Commission

Memorandum

To: Brunswick-Glynn Joint Water and Sewer Commission
From: Andrew Burroughs, P.E., Executive Director
Date: Thursday, December 19, 2024
Re: Academy Creek AB3 Gearbox Repair

Background

Following maintenance inspection by JWSC staff, it was determined that the gearbox for one of four aerators at Aeration Basin 3 at Academy Creek was in need of repair. Staff contact K Machine Industrial Services to remove the gearbox, take it back to their shop, and inspect it for necessary repairs. Upon inspection, it was determined that the gearbox needs all new bearings and seals to return to usable condition.

Staff Report

Staff request a quote from K Machine to complete the work which was provided on October 30. K Machine's quote for the work is \$31,680 with a 15–17-week lead time for the work to be completed. Given the cost of the repair, staff requested a quote from Rodgers-Turner & Associates for a replacement gearbox. Rodgers-Turner is the manufacturer's representative for Lightnin gearboxes for our region. The quote for a new gearbox is \$113,000 for a 12-week lead time and \$169,000 for a 1 week lead time. Staff believes it would be most prudent to rehab the existing gearbox due to the significant cost to purchase a new one.

This item was presented to the Facilities and Finance Committees on December 18, 2024.

Funding Source

This project will be funded by the Academy Creek Operations budget.

Recommended Action

Staff recommends contracting with K Machine Industrial Services, LLC to repair the Aeration Basin 3 Gearbox in the amount of \$31,680.

Recommended Motion

"I move that the Brunswick-Glynn Joint Water and Sewer Commission approve the repair of the Academy Creek Aeration Basin 3 gearbox by K Machine Industrial Services, LLC, in the amount of \$31,680.00"

Enclosures

Gearbox Inspection Report
K Machine Quote # K-019493
Email from Rodgers-Turner with List Price for Replacement Gearbox

K Machine Industrial Services

INITIAL INSPECTION REPORT



CUSTOMER: BRUNSWICK-GLYNN COUNTY JWSC BRUNSWICK, GA

Job #: KID24-3754

DATE: 10/6/2024

GEARBOX DESCRIPTION: LIGNIN MIXER REDUCER

CUSTOMER STOCK #:

MODEL #: LAR-120 S

SERIAL #: 8522780001

OF REDUCTIONS: 2

RATIO: 25.63:1

RPM: INPUT: 1180/870

OUTPUT: 46/34

TYPE: REDUCER

INPUT SHAFT ROT: CW

INPUT ON: PINION

HP/KW: 40 HP

GEARING

POSITION	TYPE	CONDITION	# OF TEETH	STATUS
HIGH SPEED PINION	BEVEL	POLISHING	12	GOOD
HIGH SPEED GEAR	BEVEL	POLISHING	49	GOOD
1ST INTERMEDIATE PINION				
1ST INTERMEDIATE GEAR				
2ND INTERMEDIATE PINION				
2ND INTERMEDIATE GEAR				
3RD INTERMEDIATE PINION				
3RD INTERMEDIATE GEAR				
LOW SPEED PINION	HELICAL	POLISHING	18	GOOD
LOW SPEED GEAR	HELICAL	POLISHING	113	GOOD

DESTRUCTIVE PITTING	DESTRUCTIVE PITTING USUALLY RESULTS FROM SURFACE OVERLOAD CONDITIONS THAT ARE NOT ALLEVIATED BY INITIAL PITTING. IF TOOTH HARDNESS IS WITHIN SPECIFIED VALUES, SYSTEM OVERLOADS ARE USUALLY THE CAUSE FOR SUCH PITTING. TO SEE A FINELY PITTED GEAR, WITH SEVERAL LARGE PITS IS NO CAUSE FOR ALARM SINCE IT CAN BE OF A CORRECTIVE NATURE.
DEDENDUM WEAR	DEDENDUM PITTING RESULTS WHEN LOADS ARE AT OR CLOSE TO MAXIMUM ALLOWABLE SURFACE LOADING VALUES.
MICRO-PITTING	ALSO KNOWN AS "FROSTING", IS CONSIDERED NORMAL AND IS MICROSCOPIC IN NATURE.
SPALLING	SPALLING IS CAUSED BY HIGH CONTACT STRESSES POSSIBLY ASSOCIATED WITH PROUD AREAS OF THE TOOTH SURFACE. IT IS A TERM USED TO DESCRIBE A LARGE OR MASSIVE AREA WHERE SURFACE MATERIAL HAS BROKEN AWAY FROM THE TOOTH.
POLISHING	POLISHING, OR LIGHT WEAR, IS THE SLOW LOSS OF METAL AT A RATE THAT WILL LITTLE AFFECT SATISFACTORY PERFORMANCE OF THE GEARS WITHIN THE LIFE OF THE GEAR.
EXCESSIVE WEAR	EXCESSIVE WEAR IS SURFACE DESTRUCTION THAT HAS CHANGED THE TOOTH SHAPE TO SUCH AN EXTENT THAT MESHING ACTION IS IMPAIRED. IF THIS OCCURS EARLY IN THE OPERATIONAL HISTORY, IT CAN BE CAUSED BY EXCESSIVE LOADS, CONTAMINATED OIL, OR LOW VISCOSITY OIL. EXCESSIVE WEAR OVER A LONG PERIOD OF TIME IS SIMPLY THE ADVANCEMENT FROM NORMAL WEAR, TO EXCESSIVE.
ABRASIVE WEAR	ABRASIVE WEAR OCCURS WHEN HARD PARTICLES SLIDE AND ROLL UNDER PRESSURE. HARD PARTICLE SOURCES COULD BE DIRT, SAND, METAL PARTICLES DUE TO WEAR FROM THE GEAR TEETH OR BEARINGS, PARTICLES INTRODUCED INTO THE HOUSING DURING THE FILLING OF LUBE OIL OR PARTICLES INFILTRATING THE UNIT DURING SERVICE.
ADHESION	ADHESION IS CAUSED BY TRANSFER OF MATERIAL FREOM ONE TOOTH SURFACE TO ANOTHER DUE TO MICROWELDING AND TEARING.
SCUFFING	SCUFFING IS SEVERE ADHESION THAT CAUSES TRANSFER OF METAL FROM ONE TOOTH SURFACE TO ANOTHER DUE TO WELDING AND TEARING. THE DAMAGE TYPICALLY OCCURS IN THE ADDENDUM, DEDENDUM, OR BOTH, AWAY FROM THE OPERATING PITCH LINE, IN NARROW OR BROAD BANDS THAT ARE ORIENTED IN THE DIRECTION OF SLIDING. SCUFFING MAY OCCUR IN LOCALIZED PATCHES IF IT IS DUE TO LOAD CONCENTRATIONS. THE SCUFFED AREAS APPEAR TO HAVE A ROUGH OR MATTE TEXTURE.
PLASTIC FLOW	PLASTIC FLOW IS THE COLD WORKING OF THE TOOTH SURFACE DUE TO HIGH CONTACT STRESSES AND THE ROLLING AND SLIDING ACTION OF THE MESH AND IS USUALLY ASSOCIATED WITH SOFTER GEAR MATERIALS ALTHOUGH IT CAN OCCUR IN HEAVILY LOADED CASE HARDENED GEARS AS WELL.
TOOTH FRACTURE	FRACTURES RESULT FROM REPEATED BENDING STRESS ABOVE THE ENDURANCE LIMIT OF THE MATERIAL. IF THE WEAR PATTERN IS EVEN, SYSTEM OVERLOADS WOULD BE SUSPECT. IF THE WEAR IS HEAVY IN ONE LOCATION, AN ALIGNMENT PROBLEM WITH THE GEARING WOULD BE SUSPECT.
DEBRIS DAMAGE	COMMON CAUSES OF DEBRIS CONTAMINATION INCLUDE WEAR FROM GEARS, SEALS, HOUSINGS OR SPALLED COMPONENTS. THESE HARD PARTICLES TRAVEL WITHIN THE LUBRICATION, THROUGH THE GEARING, AND EVENTUALLY DENT THE SURFACE. THIS COULD LEAD TO PEMATURE SPALLING AND REDUCED GEAR LIFE.
CORROSION	CORROSION IS A DETERIORATION OF THE SURFACE FROM CHEMICAL ACTION. IT IS OFTEN CAUSED BY ACTIVE INGREDIENTS IN LUBRICATING OIL SUCH AS ACID, MOISTURE, AND EXTREME PRESSURE ADDITIVES. IMPROPER STORAGE CAN ALSO CAUSE CORROSION IF METALLIC SURACES ARE NOT PROPERLY PROTECTED.



HOUSING BEARING BORES			
POSITION	NOTES	CONDITION	STATUS
HIGH SPEED QUILL	SEE ATTACHED MEASUREMENTS		
HIGH SPEED EXTENSION			
HIGH SPEED OTHER			
1ST INTERMEDIATE			
1ST INTERMEDIATE			
2ND INTERMEDIATE			
2ND INTERMEDIATE			
3RD INTERMEDIATE			
3RD INTERMEDIATE			
LOW SPEED PINION			
LOW SPEED PINION			
LOW SPEED EXTENSION			
LOW SPEED OTHER			
BEARING COVERS			
POSITION	NOTES	CONDITION	STATUS
HIGH SPEED QUILL			GOOD
HIGH SPEED EXTENSION			GOOD
HIGH SPEED OTHER			
1ST INTERMEDIATE			
1ST INTERMEDIATE			
2ND INTERMEDIATE			
2ND INTERMEDIATE			
3RD INTERMEDIATE			
3RD INTERMEDIATE			
LOW SPEED PINION			
LOW SPEED PINION			
OUTPUT SHAFT EXTENSION			GOOD
OUTPUT SHAFT OTHER			GOOD
SHAFTS			
POSITION	NOTES	BURNISH AREA	STATUS
HIGH SPEED JOURNAL OR SEAT			GOOD
HIGH SPEED SEAL AREA	GROOVED		REPAIR
1ST INTERMEDIATE JOURNAL OR SEAT			
2ND INTERMEDIATE JOURNAL OR SEAT			
3RD INTERMEDIATE JOURNAL OR SEAT			
LOW SPEED PINION			GOOD
LOW SPEED JOURNAL OR SEAT			
LOW SPEED SEAL AREA			
HOLLOW SHAFTS			
POSITION	NOTES	STATUS	
BORES		GOOD	
JOURNALS	BEARING SPUN	REPAIR	
SEAL AREAS	GROOVED	REPAIR	
SHAFT KEYWAYS			
POSITION	NOTES	STATUS	
HIGH SPEED SHAFT EXTENSION		GOOD	
1ST INTERMEDIATE SHAFT		GOOD	
2ND INTERMEDIATE SHAFT			
3RD INTERMEDIATE SHAFT			
LOW SPEED PINION			
LOW SPEED SHAFT EXTENSION		GOOD	



GEAR KEYWAYS				
POSITION	NOTES			STATUS
HIGH SPEED GEAR				GOOD
1ST INTERMEDIATE GEAR				
2ND INTERMEDIATE GEAR				
3RD INTERMEDIATE GEAR				
LOW SPEED GEAR	DID NOT SEPARATE			
SHAFT COUPLINGS				
POSITION	NOTES			STATUS
HIGH SPEED	N/A			
LOW SPEED				GOOD
BEARING AND SEAL LIST				
POSITION	QTY	MANUFACTURER	SERIAL NO. / DIMENSIONS	STATUS
HIGH SPEED SHAFT	2	TIMKEN	H913849/H913810	BAD
	1	BOWER	M7308EA (ONE FLANGE INNER RACE)	BAD
HIGH SPEED SHAFT			LARGER THAN STANDARD OD	
1ST INTERMEDIATE SHAFT				
1ST INTERMEDIATE SHAFT				
2ND INTERMEDIATE SHAFT				
2ND INTERMEDIATE SHAFT				
3RD INTERMEDIATE SHAFT				
3RD INTERMEDIATE SHAFT				
LOW SPEED PINION SHAFT	2	TIMKEN	HM911245/HM911210	BAD
	1	LINK-BELT?	M5314T-0 (NO FLANGES INNER RACE)	BAD
LOW SPEED PINION SHAFT				
LOW SPEED SHAFT	2	TIMKEN	JM738249/JM738210	BAD
LOW SPEED SHAFT				
HIGH SPEED SEAL	1	SKF	22361 (2.250x3.000x.375)	BAD
LOW SPEED SEAL	1	GARLOCK	KLOZURE 53X3544 (7.500x8.500x.625)	BAD
	1	NATIONAL	415116 (7.250x8.750x.750)	BAD
ADDITIONAL BEARINGS OR SEALS / NOTES				
SEAL BETWEEN LS GEAR AND BEARING (FOR DRYWELL): 10.000x11.000x.375 Possibly Garlock 24600-4927 Garlock 53x3544 is Garlock part #21086-3544				

K Machine Industrial Services

INITIAL INSPECTION REPORT



LUBE SYSTEM DETAILS					
HOUSING:					
HOUSING:		OIL LEVEL MONITORED BY:	AGMA LUBE OIL #:		
WET SUMP		DIPSTICK	APPROX US GAL. SUMP		
PUMP:					
PUMP:		PUMP CONDITION:		MOTOR CONDITION	
PUMP MANUFACTURER, SIZE, PART #:					
MOTOR NAMEPLATE INFORMATION:					
LUBE DISTRIBUTION & FILTRATION:					
BEARINGS:		GEARING:		FILTRATION	
	GRAVITY TROUGH		GRAVITY TROUGH		FILTERED
	PRESSURIZED		PRESSURIZED		UNFILTERED
<input checked="" type="checkbox"/>	SPLASH		SPRAY NOZZLE		PRESSURE GAUGE
<input checked="" type="checkbox"/>	COMBINATION	<input checked="" type="checkbox"/>	SPLASH		FLOWMETER
	INTERNAL PIPING		COMBINATION	<input checked="" type="checkbox"/>	NOT MONITORED
	EXTERNAL PIPING				
	NO PIPING				
PRESSURE GAUGE MANUFACTURE:					
PART #:		PSI RANGE:		NPT SIZE:	
FILTER HSG. MANUFACTURER:			HEAT EXCHANGER MANUFACTURE:		
PART #:		REPLACEMENT ELEMENT #		HEAT EXCHANGER PART #:	
FILTER TYPE:	FILTRATION ON:	PRESSURE GAUGE CONDITION:	FILTER HSG CONDITION:	HEAT EXCHANGER TYPE:	HEAT EXCHANGER CONDITION:
OTHER LUBE SYSTEM PARTS & DETAILS:					



DID YOU?		
DISASSEMBLE, CLEAN, AND INSPECT UNIT?	YES	
PREP HOUSING FOR BLASTING / DIPPING?	NO	
REMOVE & INSPECT COUPLINGS?	N/A	
SEPARATE ALL GEAR ASSEMBLIES?	NO	DID NOT SEPARATE LS GEAR
CHECK ALL BEARING AND SEAL FITS?	YES	
MIC O.D. & I.D. OF BEARINGS AND SEALS?	YES	
INSPECT ALL GEARING?	YES	
INSPECT HOUSING BEARING BORES?	YES	
INSPECT BEARING COVERS?	YES	
INSPECT SHAFTS?	YES	
INSPECT HOLLOW SHAFTS?	YES	
INSPECT SHAFT KEYWAYS?	YES	
INSPECT GEAR KEYWAYS?	YES	NOT LS GEAR
INSPECT SHAFT COUPLINGS?	YES	
CHECK & RECORD BEARINGS AND SEALS?	YES	
INSPECT LUBE SYSTEM?	N/A	
TAKE PICTURES?	YES	
MARK GEARBOX FOR ASSEMBLY?	YES	
MARK, TAG, & PALLETIZE ALL PARTS?	YES	
LABEL ALL PARTS WITH JOB NUMBER?		
RECORD DISASSEMBLY HOURS?		

REPORT PREPARED BY:

MATT HART / slk

DISASSEMBLY HOURS:

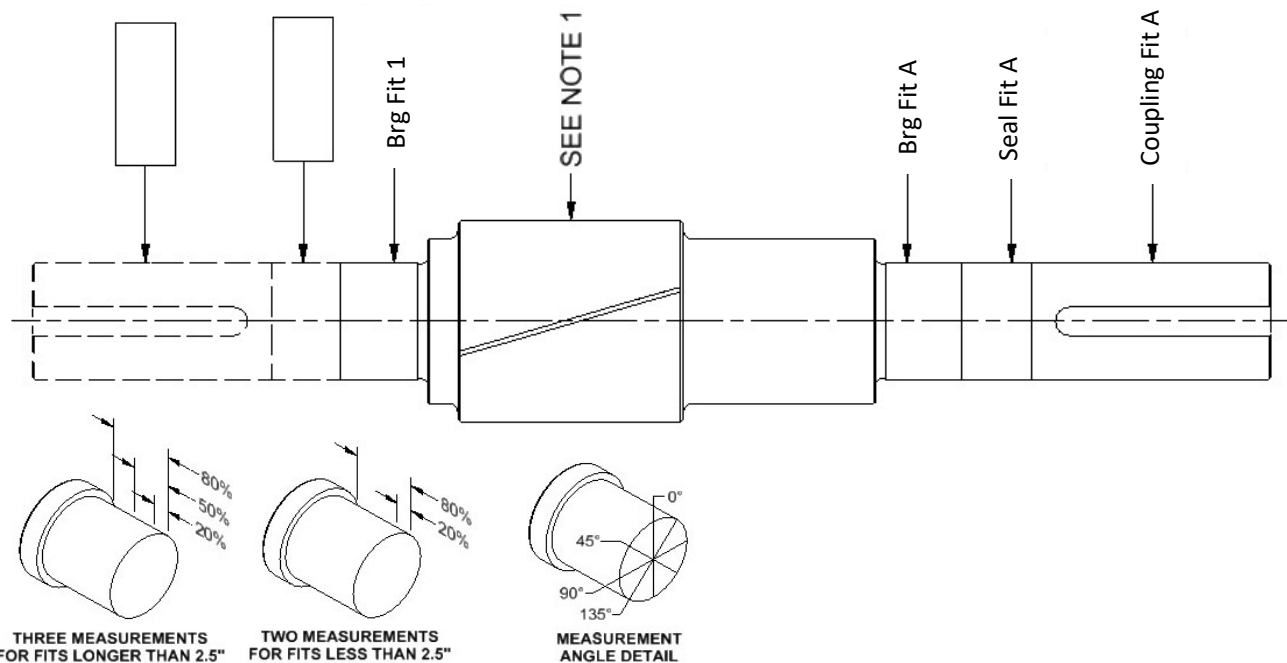
20.0

APPROVED BY:

COMMENTS:
<p>Repair H.S. seal fit.</p> <p>Repair L.S. shaft seal fits.</p> <p>Repair L.S. spacer seal fit</p> <p>Repair L.S. bearing fits</p>



JOB#	SHAFT IDENTIFIER
KID24-3754	Input Shaft
NAME:	MATT HART / slk



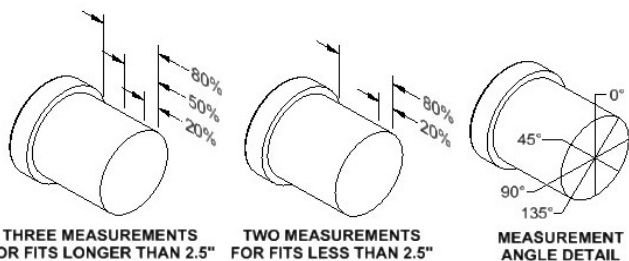
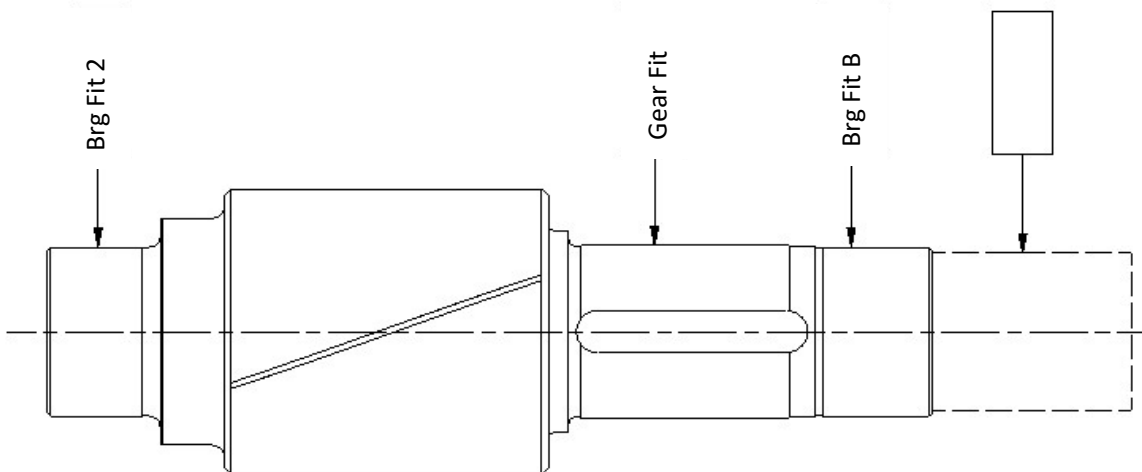
NOTES:

1. IF SHAFT IS AN INPUT WITH A SHELL PINION, USE GEAR FIT IN TABLE TO RECORD MEASUREMENTS AS REQUIRED. IF SHAFT IS INTEGRAL PINION, OMIT GEAR FIT SECTION TABLE.
2. FILL IN JOURNAL IDENTIFIERS ON DIAGRAM AND TABLE

ROTATING ELEMENT MEASUREMENTS						
FIT IDENTIFIER		MEAS	0°	45°	90°	135°
COUPLING FIT A		20%				
		50%	2.1247	2.1247	2.1247	2.1247
		80%				
SEAL FIT A		20%				
CR #22361		50%	2.2514	2.2514	2.2514	2.2514
2.2530	2.2470	80%				
BRG FIT A		20%				
H913849		50%	2.7512	2.7512	2.7512	2.7512
2.7515	2.7510	80%				
BRG FIT 1		20%				
M7308EA		50%	1.5757	1.5757	1.5757	1.5757
40mm(m5)	1.5756	80%				
		20%				
		50%				
		80%				
		20%				
		50%				
		80%				
		20%				
		50%				
		80%				



JOB#	SHAFT IDENTIFIER
KID24-3754	L.S. PINION
NAME:	MATT HART / slk



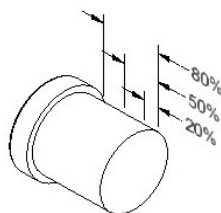
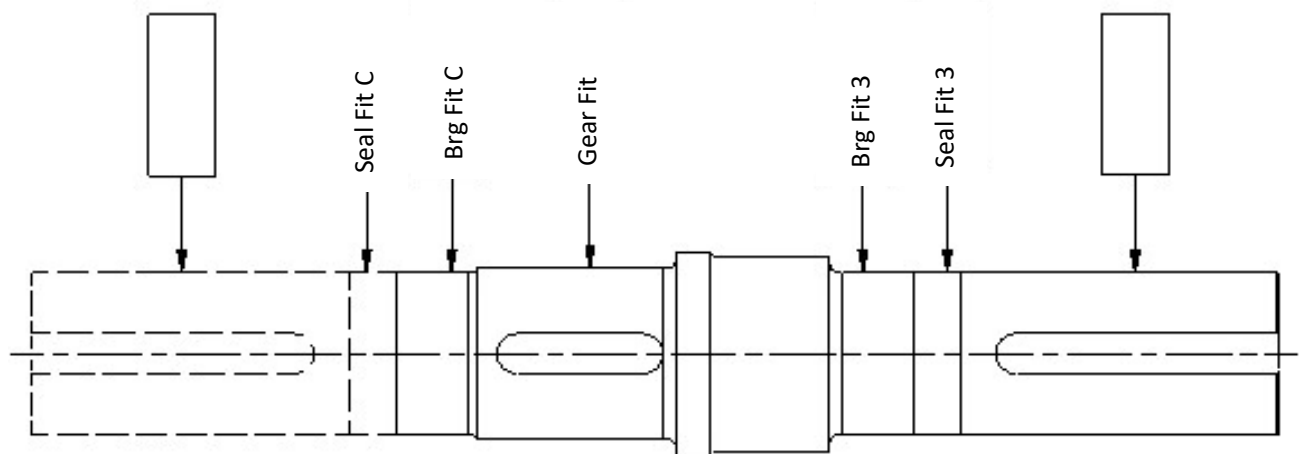
NOTES:

1. FILL IN JOURNAL IDENTIFIERS ON DIAGRAM AND TABLE

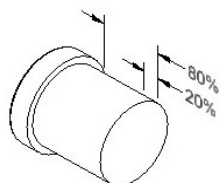
ROTATING ELEMENT MEASUREMENTS						
FIT IDENTIFIER		MEAS	0°	45°	90°	135°
BRG FIT B		20%				
M5314T-0		50%	2.7570	2.7570	2.7570	2.7570
70mm(n6)	2.7574 2.7567	80%				
GEAR FIT		20%				
		50%	3.3146	3.3146	3.3146	3.3146
		80%				
BRG FIT 2		20%				
HM911245		50%	2.3765	2.3765	2.3765	2.3765
	2.3765 2.3760	80%				
		20%				
		50%				
		80%				
		20%				
		50%				
		80%				
		20%				
		50%				
		80%				
		20%				
		50%				
		80%				



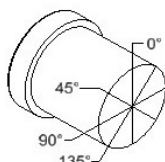
JOB#	SHAFT IDENTIFIER
KID24-3754	OUTPUT SHAFT, HOLLOW
NAME:	MATT HART / slk



THREE MEASUREMENTS
FOR FITS LONGER THAN 2.5"



TWO MEASUREMENTS
FOR FITS LESS THAN 2.5"



MEASUREMENT
ANGLE DETAIL

NOTES:

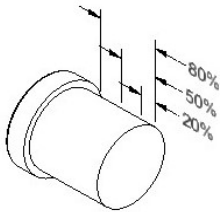
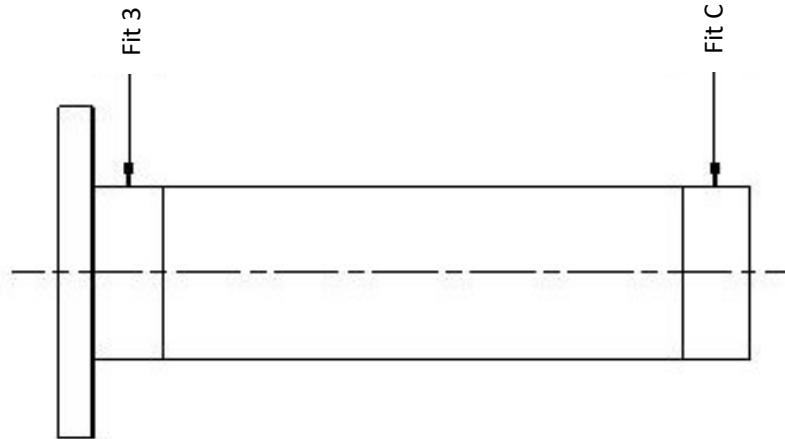
1. FILL IN JOURNAL IDENTIFIERS ON DIAGRAM AND TABLE

ROTATING ELEMENT MEASUREMENTS

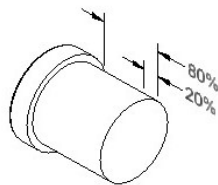
FIT IDENTIFIER		MEAS	0°	45°	90°	135°
SEAL FIT 3		20%				
GARLOCK 21086-3544		50%	7.4814	7.4814	7.4810	7.4810
7.5050 7.4950		80%				
BRG FIT 3		20%				
JM738249		50%	7.4750	7.4750	7.4740	7.4740
190mm(n6) 7.4827 7.4815		80%				
GEAR FIT		20%				
DID NOT SEPARATE		50%				
		80%				
BRG FIT C		20%				
JM738249		50%	7.4770	7.4774	7.4780	7.4770
190mm(n6) 7.4827 7.4815		80%				
SEAL FIT C		20%				
NATIONAL 415116		50%	7.2470	7.2475	7.2488	7.2470
7.2550 7.2450		80%				
BORE C		20%				
		50%	5.7530	5.7530	5.7535	5.7530
		80%				
BORE 3		20%				
		50%	5.7517	5.7514	5.7513	5.7513
		80%				



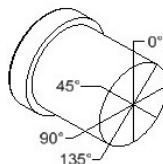
JOB#	SHAFT IDENTIFIER
KID24-3754	INNER OUTPUT SHAFT, SOLID
NAME:	MATT HART / slk



THREE MEASUREMENTS
FOR FITS LONGER THAN 2.5"



TWO MEASUREMENTS
FOR FITS LESS THAN 2.5"



MEASUREMENT
ANGLE DETAIL

NOTES:

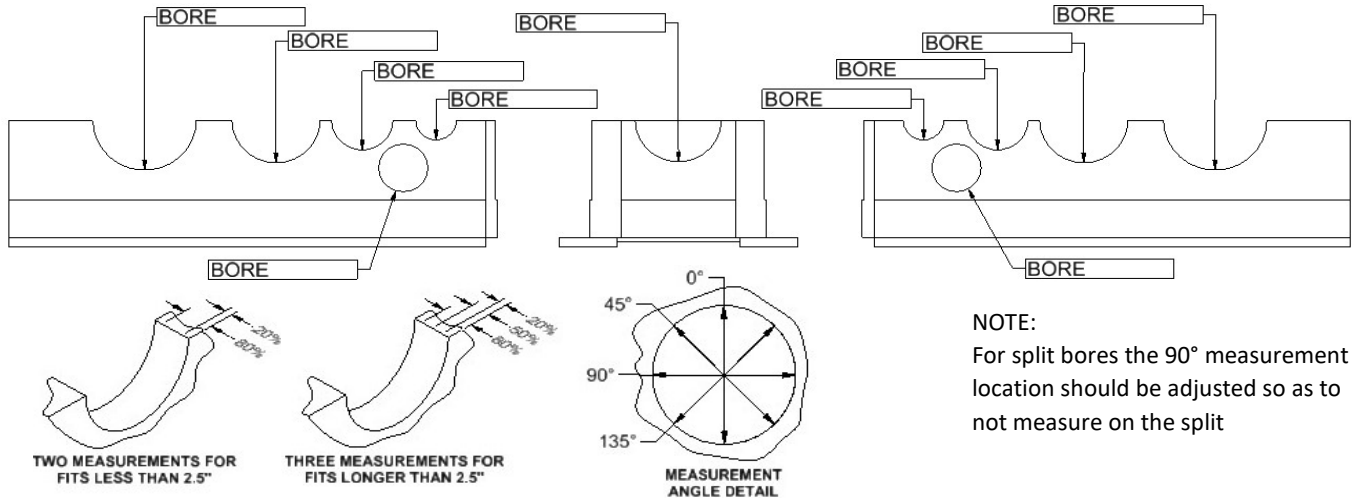
1. FILL IN JOURNAL IDENTIFIERS ON DIAGRAM AND TABLE

ROTATING ELEMENT MEASUREMENTS

FIT IDENTIFIER	MEAS	0°	45°	90°	135°
FIT C	20%				
	50%	5.7460	5.7460	5.7460	5.7460
	80%				
FIT 3	20%				
	50%	5.7470	5.7470	5.7490	5.7470
	80%				
	20%				
	50%				
	80%				
	20%				
	50%				
	80%				
	20%				
	50%				
	80%				
	20%				
	50%				
	80%				
	20%				
	50%				
	80%				



JOB#	IDENTIFIER
KID24-3754	HOUSING BORES
NAME:	MATT HART / slk



HOUSING BORE MEASUREMENTS

BORE	MEAS	0°	45°	90°	135°
BORE A INPUT BEARING CARRIER	20%	5.7534	5.7530	5.7535	5.7531
H913810	50%				
5.7530 5.7520	80%				
BORE 1 HSG CARRIER	20%				
M7308EA	50%	3.5437	3.5437	3.5437	3.5437
90mm(H7) 3.5447 3.5433	80%				
BORE B HSG CARRIER	20%				
M5314T	50%	5.9067	5.9067	5.9067	5.9067
150mm(H7) 5.9071 5.9055	80%				
HSG CARR INNER BORE (BEVEL GR)	20%				
	50%	6.0647	6.0647	6.0647	6.0647
	80%				
HSG CARR OUTER BORE (BEVEL GR)	20%				
	50%	5.9997	5.9997	5.9997	5.9997
	80%				
BORE C OUTPUT BOTTOM	20%				
JM738210	50%	10.2328	10.2328	10.2328	10.2328
260mm(J7) 10.2376 10.2356	80%				
BORE 3 OUTPUT TOP	20%				
JM738210	50%	10.2355	10.2355	10.2355	10.2355
260mm(J7) 10.2376 10.2356	80%				
BEVEL GEAR BRG CARRIER INNER	20%				
HM911210	50%	5.1234	5.1236	5.1238	5.1235
5.1240 5.1230	80%				
BEVEL GEAR BRG CARRIER OUTER	20%				
HM911210	50%	5.1240	5.1240	5.1240	5.1240
5.1240 5.1230	80%				
HSG CARRIER OD INNER	20%				
	50%	6.0250	6.0250	6.0250	6.0250
	80%				
HSG CARRIER OD OUTER	20%				
	50%	5.9970	5.9975	5.9973	5.9973
	80%				



JOB #

KID24-3754

FASTENERS

DESCRIPTION	QTY		DESCRIPTION	QTY
HEX HEAD BOLTS			SOCKET HEAD CAP SCREWS	
3/8-16 x 1"	14		3/4-10 x 3.25"	3
1/2-13 x 1"	2		10-32 x .50"	12
1/2-13 x 1.25"	4		10-32 x .50" Brass Slotted RD HD	8
5/8-11 x 1.75"	16			
5/8-11 x 1.50"	3			
5/8-11 x 2"	8			
5/8-11 x 2.50"	14			
3/4-10 x 1.75"	8			
FLAT WASHERS			FINISHED HEX NUTS	
LOCKWASHERS			COPPER WASHERS	
3/8	6		3/8	8
1/2	9			
5/8	38			
3/4	11			
#10-32	20			



INPUT SUB-ASSEMBLY



INPUT SUB-ASSEMBLY REMOVED



HOUSING CARRIER



HOUSING CARRIER REMOVED

Add pages for pictures as required



REDUCER AS RECEIVED



REDUCER AS RECEIVED



REDUCER AS RECEIVED



OEM NAMEPLATE

Add pages for pictures as required



INPUT SHAFT AND BEVEL PINION (12T)



BEVEL PINION (12T) POLISHING

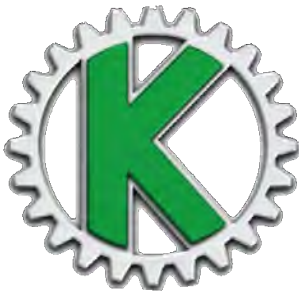


BEVEL GEAR (49T) POLISHING

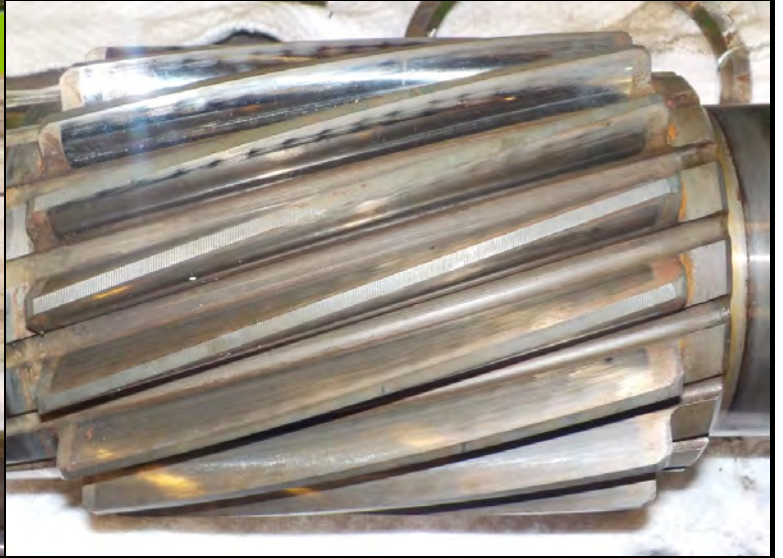


BEVEL GEAR (49T) POLISHING

Add pages for pictures as required



L.S. PINION (18T)



L.S. PINION (18T) POLISHING



L.S. GEAR (113T) POLISHING



L.S. GEAR (113T) POLISHING

Add pages for pictures as required



INPUT TAPERED ROLLER BEARING



INPUT TAPERED ROLLER BEARING



INPUT CYLINDRICAL ROLLER BEARING



L.S. PINION TAPERED ROLLER BEARING

Add pages for pictures as required



L.S. PINION TAPERED ROLLER BEARING



L.S. PINION CYLINDRICAL ROLLER BEARING

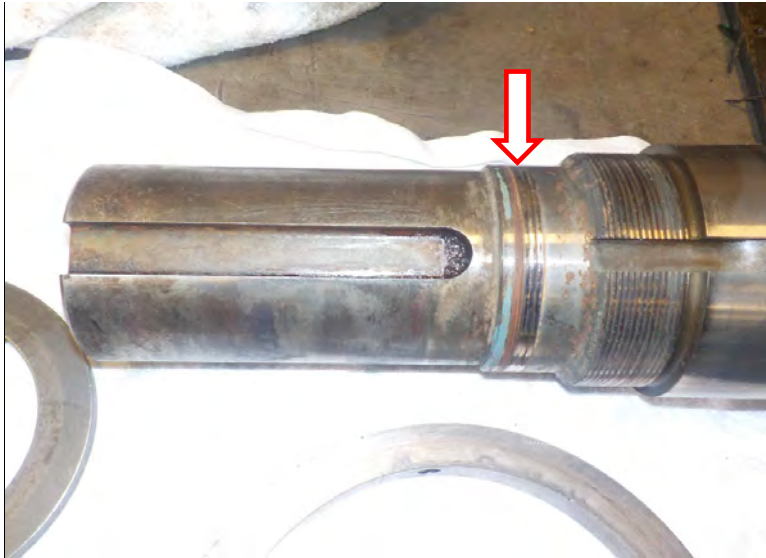


OUTPUT SHAFT TAPERED ROLLER BEARING



OUTPUT SHAFT TAPERED ROLLER BEARING

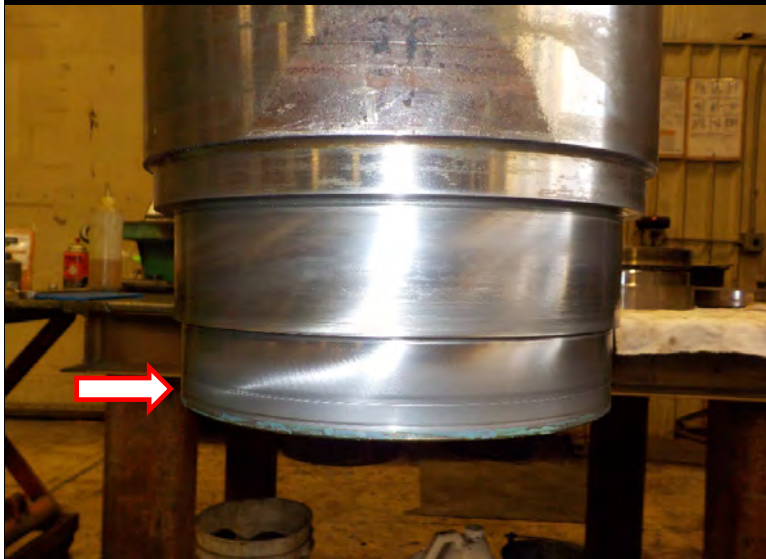
Add pages for pictures as required



INPUT SHAFT SEAL JOURNAL, GROOVED



HOLLOW OUTPUT SHAFT SEAL JOURNAL, GROOVED



HOLLOW OUTPUT SHAFT SEAL JOURNAL, GROOVED



HOLLOW SHAFT BORE

Add pages for pictures as required



HOLLOW SHAFT BORE



INNER OUTPUT SHAFT

Picture Description

Picture Description

Add pages for pictures as required



K Machine Industrial Services, LLC

Street Address:
4526 Ogeechee Rd, Savannah, GA 31405
Phone: 912-236-5411

Mailing Address:
PO Box 7132, Savannah, GA 31418

www.kmachine.com

October 15, 2024

Quote # K-019493 Lightnin
Mixer Gearbox Repair 24-3754
Quote Valid: 10/30/24

BRUNSWICK-GLYNN COUNTY JWSC

David Grantham

Job Scope: Lightnin Mixer Gearbox - Brunswick

Job Site: K Machine

Job Location: Savannah, GA

Dear David,

K Machine is pleased to offer for your consideration our quotation in support of the following:

Workscope:

Lightnin Mixer Gearbox Repair 24-3754

Pickup gearbox and deliver to K-Machine shop.

Disassemble and inspect housing and all internal components.

Create disassembly report.

Engineering review of all components and disassembly report.

Sand blast and paint housing.

Supply new bearings and seals.

Repair all seal areas on input and output shafts.

Supply new hardware.

Clean all components and reassemble gearbox.

Create assembly report.

Perform NO-LOAD spin test.

Drain test oil and attach stainless steel info tag.

Attach to shipping pallet.

Deliver back to plant.

Pricing:

\$31,680.00

Total Price: **\$31,680.00**

Payment Terms:

Delivery: **15-17 weeks ARO**

K Machine appreciates the opportunity to provide this proposal for your review and respectfully submits it for your approval.

Best Regards,

Greg McGinnis

gmcginnis@kmachine.com

912-675-1144

K Machine Industrial Services, LLC

General Terms and Conditions

This proposal contains proprietary information and is intended solely for Customer's evaluation of this quotation. No other distribution of the information contained herein is authorized.

Please note on any purchase order that results from this quotation any and all quality control requirements, stipulations, guidelines, etc. that you desire to be applicable to the contracted work.

Every purchase order issued by owner or contractor to K Machine following the effective date of this quotation and bearing the notation of the quotation shall be governed by and be deemed to include these terms and conditions. In the event of any inconsistency between the terms and conditions of this quotation and the terms of any purchase order, the terms and conditions of this quotation shall prevail.

Any required bid bonds, payment bonds, and/or performance bonds will be supplied if requested. The cost of such bonds will be borne by the purchaser.

Extra Work Authorizations (EWA) Invoicing

Work performed at the customer's request over and above the original contract requirements will be billed per the current rate schedule, or additional quotation. Any delays beyond the control of K Machine, including but not limited to, lock out, area access, operations delay, lack of utilities and additional work beyond the original scope will require an adjustment to the original quoted price. This is inclusive of additional work as required in K Machine's shop facilities to support the on-site extra work, plus the cost for transportation of extra tooling to and from the jobsite will be billed per current rate schedule. Any additional personnel required by the extra work will be billed per our current rate schedule for travel time, per diem, expenses, lodging, transportation, etc., unless otherwise provided for in this quotation. Hourly rates per craft billed upon the schedule outlined below:

STRAIGHT TIME SCHEDULE

Monday thru Friday 7 a.m. to 3:30 p.m. DAYS
5 p.m. to 1 a.m. NIGHTS 10 HOURS
7 p.m. to 3 a.m. NIGHTS 12 HOURS

OVERTIME SCHEDULE

Monday thru Friday 3:30 p.m. to end of shift DAYS
1 a.m. to 3 a.m. NIGHTS 10 HOURS
3 a.m. to 7 a.m. NIGHTS 12 HOURS

Saturday	Overtime all hours worked
Sunday	Double time all hours worked
Holidays	Double time all hours A

STANDBY TIME - Standby time, due to conditions beyond our control, will be billed per current rate schedule. Standby time shifts, or standby portions of shifts, are billed the same as scheduled work shifts unless specifically stated otherwise herein. K Machine reserves the right to implement personnel changes when needed.

HOLIDAY (TOTAL OF 8) - Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Friday after Thanksgiving Day, Christmas Eve, Christmas Day, New Year's Day.

Warranty

K Machine warrants that its workmanship will be competent and conform to the recognized standards of the Industry and further warrants that any new K Machine parts or materials provided hereunder will be of the kind and quality described in the Contract, merchantable and free of defects. If within one (1) year from date of shipment by K Machine of the parts, materials or services from K Machine's facility or from the date K Machine notifies Purchaser the work has been completed where the work takes place on Purchaser's premises, Purchaser discovers that the parts, materials or workmanship are not as warranted and promptly notifies K Machine in writing thereof, K Machine shall remedy such nonconformance by, at K Machine's option; adjustment or repair or replacement of the nonconforming parts, materials or work. Purchaser shall assume all responsibility and expense for removal, reinstallation, and freight in connection with foregoing remedies. The same warranty obligations and conditions as expressed herein shall extend to replacement parts and labor furnished by K Machine hereunder. The obligations of K Machine under this Warranty shall be voided should the equipment or parts be subject to any accident, abuse, misapplication, misuse, negligence, or has not been properly installed, maintained or operated. Any parts or assemblies incorporated into the purchase unit prior to shipment and invoiced by K Machine are not warranted by K Machine but may be warranted by the original equipment manufacturer.

Limitation of Liability

The Remedies of the purchaser set forth in these standard terms are exclusive and the sum total liability of the K Machine to purchaser with respect to the services, or anything done in connection therewith, such as performance or breach thereof whether in contract, in tort (including negligence), under any warranty or otherwise, shall not exceed the contract price.

Andrew Burroughs, P.E.

To: David Grantham
Subject: RE: Lightnin LAR120 gearbox - replacement and repair

From: David Grantham <DGrantham@bgjwsc.org>
Sent: Friday, December 13, 2024 11:47 AM
To: Andrew Burroughs, P.E. <ABurroughs@bgjwsc.org>
Subject: Fw: Lightnin LAR120 gearbox - replacement and repair

See below

Get [Outlook for Android](#)

From: Damon Pendleton <damon@rodgers-turner.com>
Sent: Wednesday, November 6, 2024 10:17:57 AM
To: David Grantham <DGrantham@bgjwsc.org>
Subject: Lightnin LAR120 gearbox - replacement and repair

Hi David,

Lightnin's list price on a LAR120 gearbox ranges from \$113k to \$169 depending on how quick you need it (lead times range from 1 week to 12 weeks).

These are list prices and are what I am giving to these guys that are asking for pricing.

If you did get into a situation where you need a gearbox, I will work directly with you to make sure we get a price that works for you.

Additionally, I understand the convenience of working with a local shop to get your gearboxes repaired, but I did want to make you aware that Lightnin also provides various levels of repair that will return a gearbox to like-new condition and Lightnin repairs come with a new gearbox warranty as well. Let me know if you need any additional info on Lightnin's repair services. Thanks.

Best regards,

Damon Pendleton | Rodgers-Turner & Associates, Inc. | P.O. Box 8266 | Chattanooga, TN 37414

☎ Office (423) 894-2958 | ☎ Cell (423) 779-7770 | e-mail: damon@rodgers-turner.com | www.Rodgers-Turner.com

➤Lightnin ➤Stelzer ➤Plenty ➤Philadelphia ➤Uutechnc

SPXFLOW®



Brunswick-Glynn

Joint Water and Sewer Commission

Memorandum

To: Brunswick-Glynn Water & Sewer Commission
From: Todd Kline, P.E., Director of Engineering
Date: Thursday, December 19, 2024
Re: Infrastructure Dedication & Conveyance of Easement

1. Outlot K Utilities Easement
2. Wawa Dedication of Infrastructure

Background

The Brunswick-Glynn Joint Water & Sewer Commission (JWSC) Standards for Water & Wastewater System Design and Construction and the JWSC Development Procedures support the acceptance of privately constructed water and wastewater assets as public infrastructure, when specified conditions are met. The Developer(s) of the projects described herein wish to convey easements and dedicate infrastructure.

Staff Report

The Owners of Record of the infrastructure described within has submitted legal documents to define and execute the transfer of ownership, and convey easements as appropriate for access and maintenance. The infrastructure is understood to have complied with applicable standards at the time of construction. JWSC inspection records indicate the infrastructure was constructed to JWSC Standards, is functioning and is in acceptable condition.

Recommended Action

All requirements of the JWSC Standards for Water & Wastewater System Design and Construction and the JWSC Development Review Procedures have been met, and required documents submitted. Staff recommends acceptance and approval of the conveyance of an easement and a dedication of infrastructure and described herein.

Recommended Motion

"I move that the Facilities Committee recommend the full Commission approve and accept these projects with associated documentation."

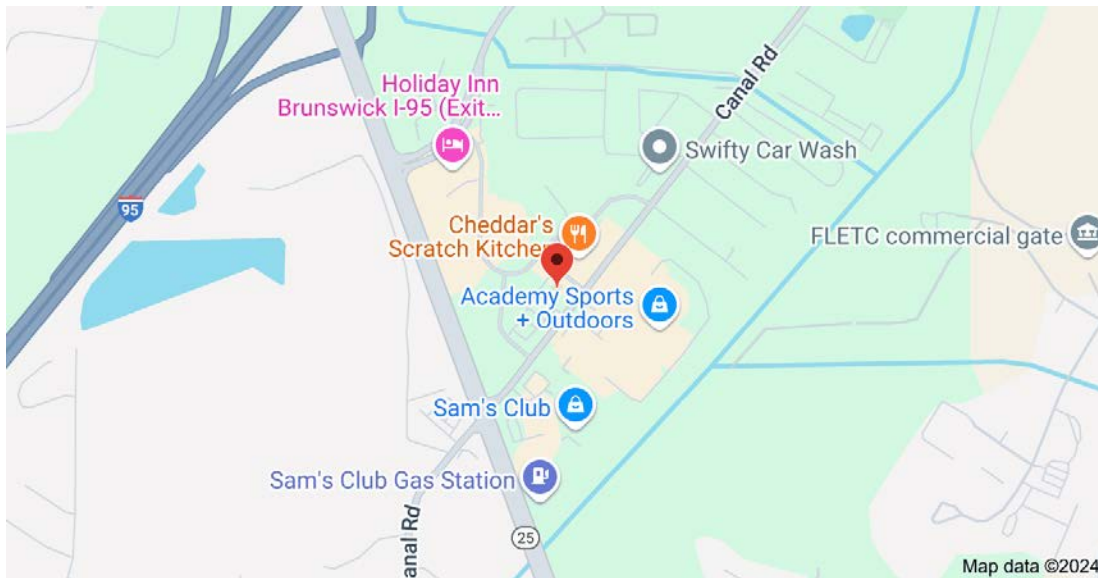
Enclosures

1. Outlot K
 - a. Utilities Easement
 - b. Record Drawings
2. Wawa
 - a. Dedication of Infrastructure Application
 - b. Record Drawings

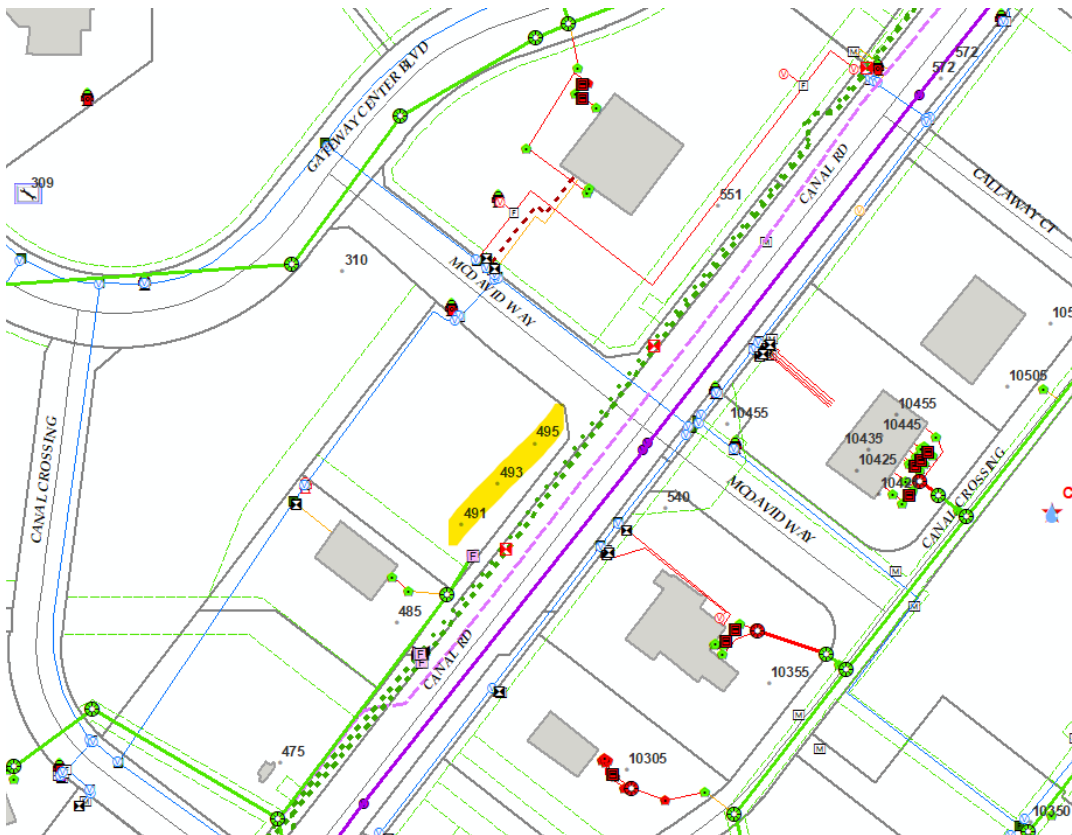
1) OUTLOT K – 3 NEW CONNECTIONS

Owner of Record	Callaway Land Holding Co. LLC
Legal Documents under Consideration	<ul style="list-style-type: none">Utilities Easement
New Connections	3

Location Map – 495 Canal Road, Brunswick



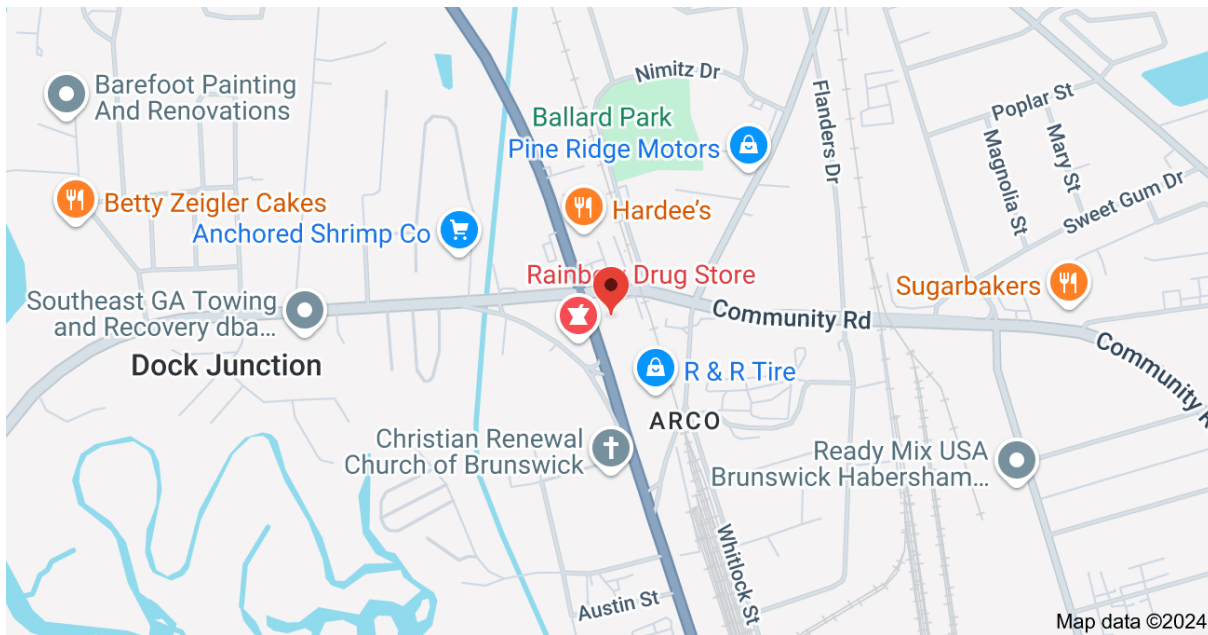
GIS Map – To be Updated following Acceptance



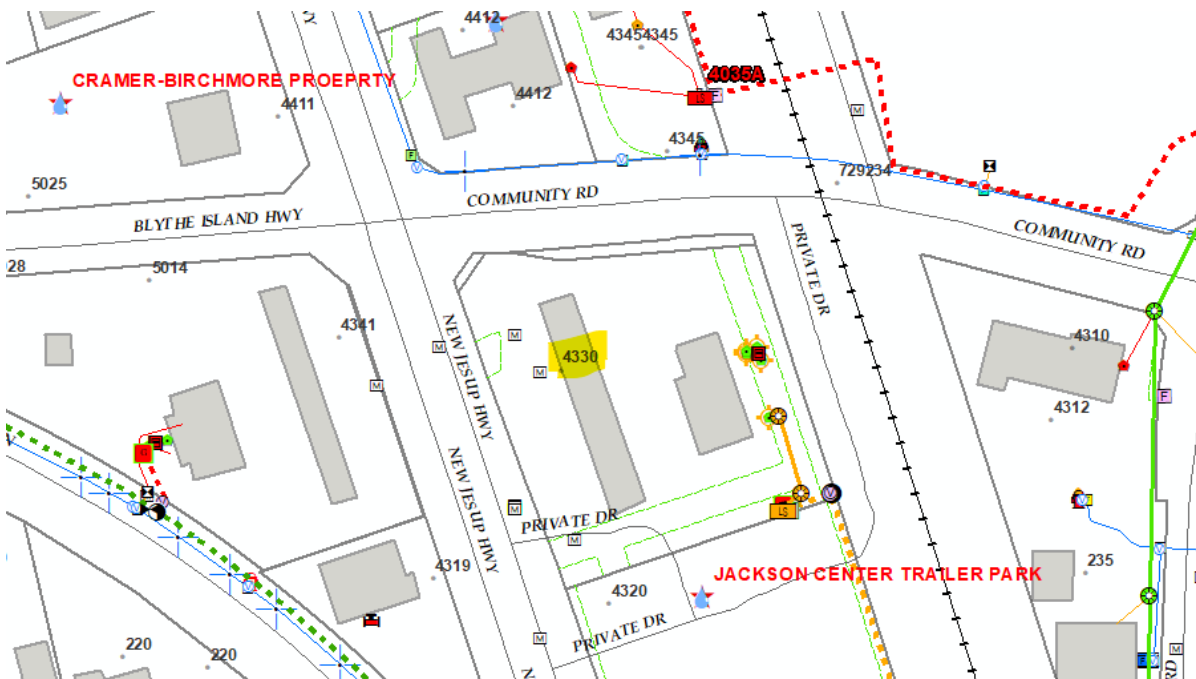
2) WAWA – 1 NEW CONNECTION

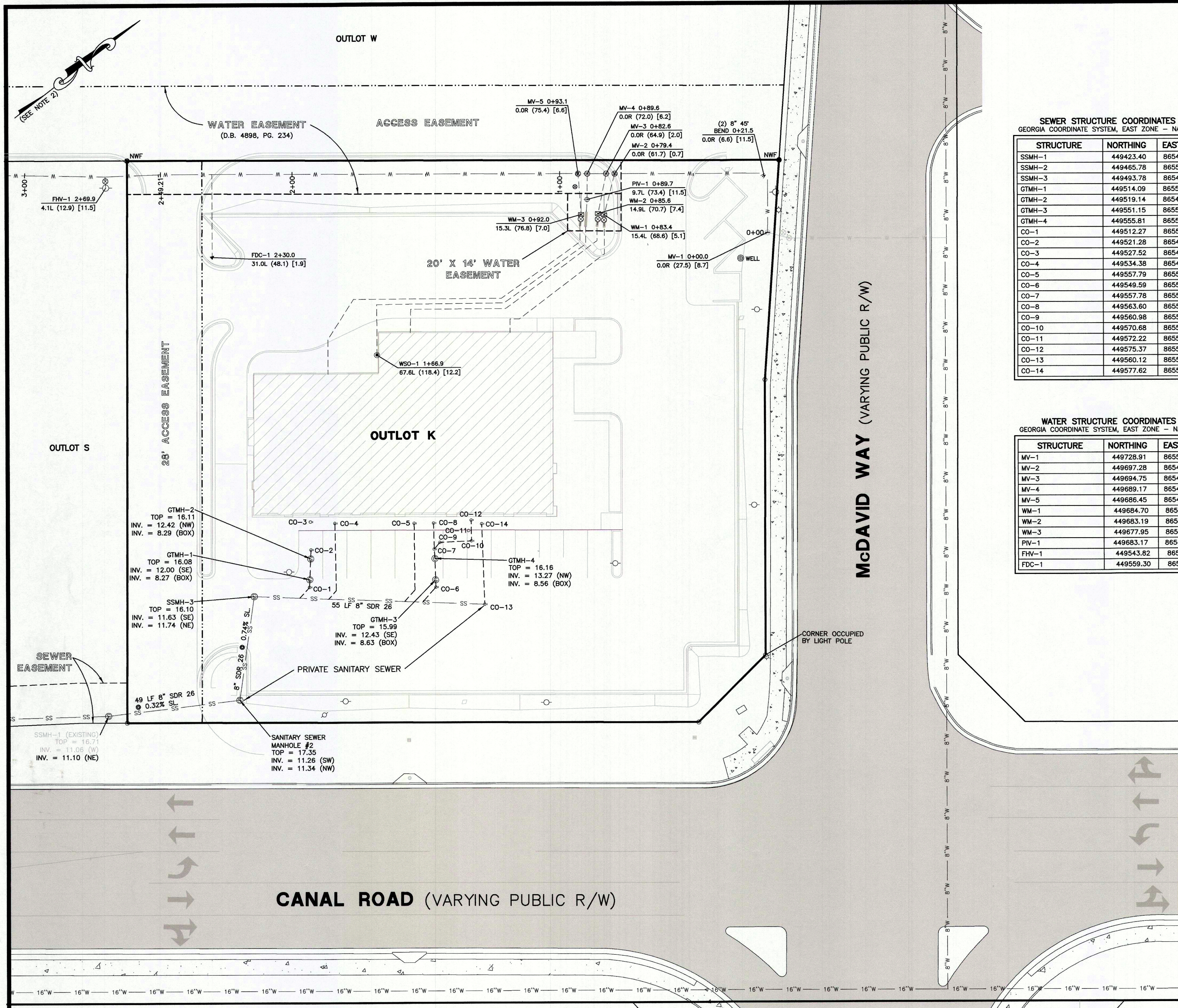
Owner of Record	Wawa Southeast LLC
Legal Documents under Consideration	Dedication of Infrastructure Application <ul style="list-style-type: none">660 linear feet of 8-inch C900 water valued at \$140,752690 linear feet of 6-inch PVC sanitary sewer valued at \$18,382
New Connections	1

Location Map – 4330 New Jesup Highway, Brunswick



GIS Map – To be Updated following Acceptance





SEWER STRUCTURE COORDINATES
GEORGIA COORDINATE SYSTEM, EAST ZONE - NAD 83

STRUCTURE	NORTHING	EASTING
SSMH-1	449423.40	865498.15
SSMH-2	449465.78	865523.55
SSMH-3	449493.78	865496.24
GTMH-1	449514.09	865504.01
GTMH-2	449519.14	865498.05
GTMH-3	449551.15	865533.01
GTMH-4	449555.81	865526.56
CO-1	449512.27	865506.21
CO-2	449521.28	865495.47
CO-3	449527.52	865487.13
CO-4	449534.38	865493.14
CO-5	449557.79	865511.34
CO-6	449549.59	865535.22
CO-7	449557.78	865523.65
CO-8	449563.60	865515.73
CO-9	449560.98	865522.91
CO-10	449570.68	865529.72
CO-11	449572.22	865525.99
CO-12	449575.37	865523.48
CO-13	449560.12	865551.47
CO-14	449577.62	865526.99

WATER STRUCTURE COORDINATES
GEORGIA COORDINATE SYSTEM, EAST ZONE - NAD 83

STRUCTURE	NORTHING	EASTING
MV-1	449728.91	865506.70
MV-2	449697.28	865454.12
MV-3	449694.75	865452.16
MV-4	449689.17	865447.84
MV-5	449686.45	865445.73
WM-1	449684.70	865463.88
WM-2	449683.19	865462.11
WM-3	449677.95	865458.53
PIV-1	449683.17	865455.42
FHV-1	449543.82	865341.38
FDC-1	449559.30	865386.34

SURVEYOR'S STATEMENT:

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE WATER AND/OR SEWER RECORD DRAWINGS SHOWN HEREON HAVE BEEN PREPARED IN CONFORMANCE WITH THE JWSC RECORD DRAWING STANDARDS AND ARE AN ACCURATE REPRESENTATION OF THE FIELD CONDITIONS BASED UPON ABOVE GROUND VISIBLE EVIDENCE OF SYSTEM COMPONENTS, AND THE ENGINEERING, CONTRACTOR AND JWSC INFORMATION PROVIDED.

SURVEYOR'S NAME: GARY R. NEVILL
SURVEYOR'S SIGNATURE: [Signature]
SURVEYOR'S GA REGISTERED LAND SURVEYOR NUMBER: 2401
DATE SIGNED: 11/20/24

ENGINEER'S STATEMENT:

THESE RECORD DRAWINGS HAVE BEEN PREPARED BASED ON CONSTRUCTION, LOCATION, ELEVATION AND TESTING INFORMATION PROVIDED BY THE CONTRACTOR, SURVEYOR AND THE JWSC. THIS INFORMATION HAS BEEN REVIEWED BY THE ENGINEER OF RECORD, AS CITED BELOW, AND TO THE BEST OF HIS/HER KNOWLEDGE AND BELIEF THESE RECORD DRAWINGS ARE CONSISTENT WITH THE DESIGN INTENT OF THE APPROVED SITE DEVELOPMENT PLANS AND ANY APPROVED MODIFICATIONS OR CHANGES.

ENGINEER'S NAME: Johnathan Roberts
ENGINEER'S SIGNATURE: [Signature]
GA PROFESSIONAL ENGINEER REGISTRATION NUMBER: 034205
DATE SIGNED: 11/21/2024

CONTRACTOR'S STATEMENT:

THE WATER AND/OR SEWER SYSTEMS, AS SHOWN ON THESE RECORD DRAWINGS, HAVE BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE STANDARDS AND SPECIFICATIONS FOR THIS PROJECT AND IN CONSIDERATION OF THE TWO (2) YEAR WORKMANSHIP AND MATERIALS WARRANTY. ANY SIGNIFICANT DEVIATIONS FROM THE MATERIALS SPECIFIED OR WORKMANSHIP STANDARDS REQUIRED HAVE BEEN APPROVED BY THE ENGINEER AND THE JWSC PRIOR TO INSTALLATION. THIS INFORMATION HAS BEEN REVIEWED BY A PRINCIPAL OF THE COMPANY OR AN EXECUTIVE OFFICER, AS CITED BELOW, AND TO THE BEST OF HIS/HER KNOWLEDGE AND BELIEF THESE RECORD DRAWINGS ARE ACCURATE AND COMPLETE.

COMPANY NAME: Rowell Contracting Inc.
PRINCIPAL/OFFICER'S NAME: Jeremy Rowell
PRINCIPAL/OFFICER'S SIGNATURE: [Signature]
DATE SIGNED: 11/21/2024

JWSC'S STATEMENT:

THESE RECORD DRAWINGS HAVE BEEN PREPARED AND CONFIRMED BASED ON PERIODIC FIELD OBSERVATIONS DURING CONSTRUCTION, FIELD TESTING, CCTV AND PHYSICAL INSPECTIONS OF SYSTEM COMPONENTS BY JWSC STAFF. THIS INFORMATION HAS BEEN REVIEWED BY JWSC SUPERINTENDENTS AND CONSTRUCTION INSPECTION STAFF, AS CITED BELOW, AND TO THE BEST OF THEIR KNOWLEDGE AND BELIEF THESE RECORD DRAWINGS ARE ACCURATE AND COMPLETE IN ACCORDANCE WITH ADOPTED JWSC RECORD DRAWING STANDARDS AND SPECIFICATIONS.

WATER DISTRIBUTION SUPERINTENDENT'S NAME: _____
WATER DISTRIBUTION SUPERINTENDENT'S SIGNATURE: _____
DATE SIGNED: _____
WASTEWATER COLLECTION SUPERINTENDENT'S NAME: _____
WASTEWATER COLLECTION SUPERINTENDENT'S SIGNATURE: _____
DATE SIGNED: _____
PROJECT INSPECTOR'S NAME: _____
PROJECT INSPECTOR'S NAME SIGNATURE: _____
DATE SIGNED: _____

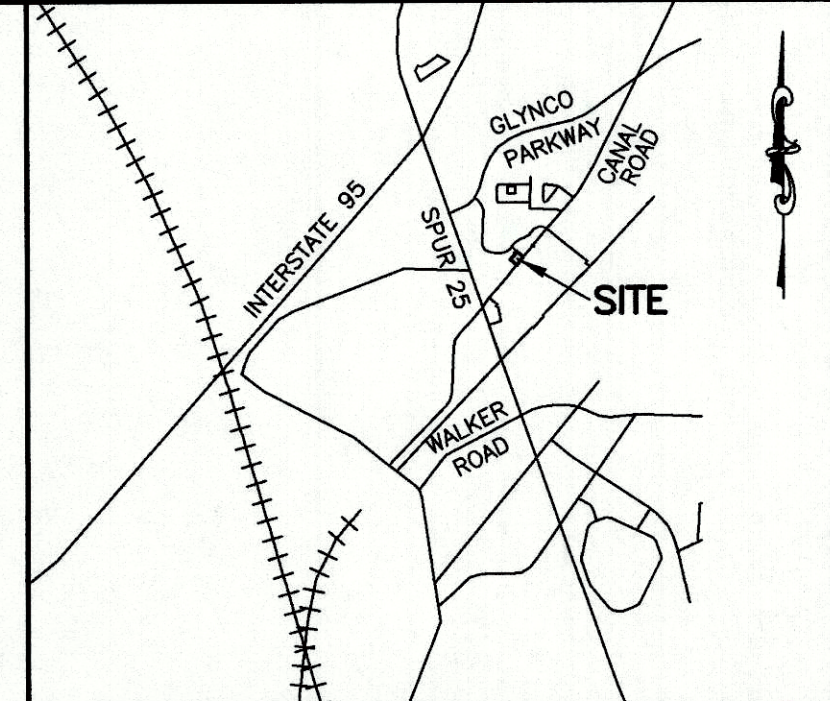
REFERENCES:

- PLAT BY THIS FIRM TITLED "PROPOSED ACQUISITION OF RIGHTS-OF-WAY & EASEMENTS FOR PROPERTY AT CANAL ROAD", DATED 03/06/15.
- PLAT BY THIS FIRM TITLED "FINAL PLAT FOR: GATEWAY CENTER BOULEVARD", DATED 08/28/95, RECORDED IN PLAT DRAWER 23, PAGE 134.
- PLAT BY THIS FIRM TITLED "EXPEDITED PLAT OF: OUTLOTS F, S & K, CANAL CROSSING", DATED 01/12/21.
- PLAT BY THIS FIRM TITLED "OUTLOT W & OUTLOT K (REVISED), CANAL CROSSING", DATED 08/15/2023, RECORDED IN PLAT BOOK, PAGE 312.

NOTES:

- BEARINGS SHOWN ON THIS SURVEY ARE BASED ON A PLAT BY THIS FIRM DATED 08/15/2023. (SEE REFERENCE D).
- FIELD EQUIPMENT USED FOR THIS PLAT: GEOMAX ZOOM 90.
- THIS SURVEY IS BASED ON FIELD WORK COMPLETED ON 11/07/2024. SHUPE SURVEYING COMPANY, P.C. IS NOT RESPONSIBLE FOR ANY CHANGES TO THE SITE AFTER THIS DATE.
- THE VERTICAL DATUM FOR THIS SURVEY IS BASED ON NAVD83 AND WAS ESTABLISHED USING RTK GPS WITH A VRS NETWORK (EGPS SOLUTIONS).
- THE TAX PARCEL ID# IS: 03-27481.
- OWNER/DEVELOPER

CALLAWAY LAND COMPANY
5307 FAIRFIELD WEST
ATLANTA GEORGIA 30338



VICINITY MAP (NOT TO SCALE)

THIS DOCUMENT AND ALL REPRODUCIBLE COPIES OF THIS DOCUMENT ARE THE PROPERTY OF SHUPE SURVEYING COMPANY, P.C. REPRODUCTION OF THIS DOCUMENT IS NOT PERMITTED WITHOUT WRITTEN CONSENT OF SHUPE SURVEYING COMPANY, P.C. UNLESS THIS DOCUMENT BECOMES A MATTER OF PUBLIC RECORD. ALTERATIONS TO THIS DOCUMENT ARE NOT PERMITTED.

LEGEND - SEWER

- (CO) CLEAN-OUT
- (GTMH) GREASE TRAP MANHOLE
- (SSMH) SANITARY SEWER MANHOLE
- (03-27481) PARCEL ID NUMBER
- SS SANITARY SEWER LINE
- 4" SANITARY SEWER LATERAL LINE

LEGEND - WATER

- (FHV) FIRE HYDRANT
- (WM) WATER METER
- (MV) MAIN VALVE/(WV) WATER VALVE
- (WSO-1) WATER STUB-OUT
- (03-27481) PARCEL ID NUMBER
- 8" W WATER LINE
- 1" SERVICE LATERAL
- BACK FLOW PREVENTER
- WATER SERVICE
- STATION
- 0+96.2
- R34.2 (9.6) [14.2]
- OFFSET
- DISTANCE TO BACK OF CURB
- DISTANCE TO NEAREST PROPERTY CORNER
- UTILITY POLE



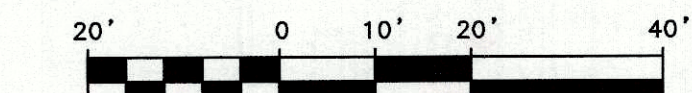
GARY R. NEVILL, GA PLS #2401

RECORD DRAWING, WATER & SEWER SYSTEMS FOR:

OUTLOT K (REVISED), CANAL CROSSING
1356TH G.M.D.,
GLYNN COUNTY, GEORGIA
PREPARED FOR:
CALLAWAY LAND COMPANY



SHUPE SURVEYING COMPANY, P.C.
3837 DARIEN HIGHWAY
BRUNSWICK, GA 31525
912-265-0562
CERTIFICATE OF AUTHORIZATION: LSF317



SCALE: 1" = 20'
FILE: 23597
DRAWING: 23597-2.DWG
DRAWING DATE: 11/11/24
DRAWN BY: JCH
CREW CHIEF: MH
SHEET 1 OF 1

RECORD DRAWINGS, (PUBLIC IN EASEMENT AREAS ONLY) WATER & SEWER SYSTEMS

(Above the Line Reserved for Clerk Recording Data)

Return To:

Brunswick Glynn Joint Water & Sewer Commission
Attention: Andrew Burroughs, Executive Director
1703 Gloucester Street
Brunswick, Georgia 31520

**STATE OF GEORGIA
COUNTY OF GLYNN**

WATER AND SEWER UTILITIES EASEMENT

THIS WATER AND SEWER UTILITEIS EASEMENT grant and dedication, made
and entered into this 15th day of NOVEMBER, 2024____, by and between
CALLAWAY LAND HOLDINGS COMPANY, LLC, a georgia limited liability company, and
WJS GLYNN, LLC, a limited liability company,
(hereinafter referred to as the "Grantor") and the **BRUNSWICK GLYNN JOINT WATER
AND SEWER COMMISSION**, a body corporate and politic and a public corporation,
established by a Local Act of the General Assembly of the State of Georgia, acting by
and through its Commissioners (hereinafter referred to as the "Grantee").

WITNESSETH:

For and in consideration of the premises, and other good and valuable
consideration, the receipt and sufficiency of which is hereby acknowledged, the Grantor
does hereby grant and convey unto said Grantee, its successors and assigns, a perpetual
easement and right to

construct, reconstruct, install, locate, relocate, maintain, repair, replace and use water lines, sanitary sewer lines, valves, manholes, such other lines Grantee deems necessary for water and sewer service, and related equipment and facilities over, across and through a portion of the Grantor's Property (the "Easement Area"), described as follows:

***SEE EXHIBIT "A" ATTACHED HERETO AND INCORPORATED HEREIN BY
REFERENCE.***

1. Grant of Easement for Utilities:

a. Grantor hereby transfers and conveys an easement in and to all property described in Exhibit "A" for the location, maintenance, and repair of water lines, sanitary sewer lines, valves, manholes, access roads, ditch or creek crossings and related equipment and facilities (hereinafter referred to as "Water and Sewer Utilities") in the Easement Area.

b. The grant of this easement includes the right at all times for representatives of Grantee to enter upon said Easement Area for purposes described herein, including the right to cut away and keep clear of Water and Sewer Utilities any and all vegetation that might, in the opinion of the Grantee, endanger or injure the Water and Sewer Utilities or their appurtenances, or interfere with their proper operation or maintenance; the right of ingress to and egress from the Easement Area across the land referred to herein for the purpose of exercising the rights herein granted; provided, that failure of the Grantee to exercise any of the rights herein granted shall not be construed as a waiver or abandonment of the right hereafter at any time and from time to time to exercise any or all of same. Grantee shall not be liable for, or bound by, any statement, agreement or understanding not herein expressed.

c. Grantor warrants that no building, shed, mobile home, fence, swimming pool or other such structures, or any crops, trees or large shrubs shall be erected or planted over the Water and Sewer Utilities nor within the boundary of the Easement Area as stated

herein; that no other utility shall be permitted within the Easement Area that interferes with the operation and maintenance of the Water and Sewer Utilities; that no fill material or paving shall be placed within the Easement Area unless permitted in writing by the Grantee; and, that any structure/fill material placed upon, or vegetation planted within the Easement Area in contradiction herein shall be removed at the property owner's expense.

d. In the event a building or other structure should be erected within the Easement Area, no claim for damages shall be made by Grantor, its heirs or assigns, on account of any damage that might occur to such structure, building or contents thereof due to the operation or maintenance of said Water and Sewer Utilities or their appurtenances, or any accident or mishap that might occur therein or thereto.

2. Maintenance: Except as hereinafter provided, that in the event excavation, construction, reconstruction, installation, location, relocation, maintenance, repair or replacement are necessary to the Water and Sewer Utilities, or equipment and facilities, as described above, the Grantee shall, at its expense, perform such work. Provided, however, the Grantee shall not be responsible for full restoration of the Easement Area to match the original condition.

3. Limitation of Easement Rights: The Grantor does not convey any land, but merely grants the rights, privileges and easement herein above set out.

4. Encumbrances: Grantor herein by these presents warrants there are no liens, mortgages, or other encumbrances to a clear title to the Easement Area, except as follows: which is recorded in the office of the Superior Court real property records of Glynn County in Book at Page and that Grantor is legally qualified and entitled to grant the easement herein with respect to the lands described.

TO HAVE AND TO HOLD the above described water and sewer easement rights in and to the said Easement Area to the Grantee, so that neither the Grantor nor any person or persons claiming under it shall at any time, by an means or ways, dispute the perpetual easement right of the Grantee to the use of said easement.

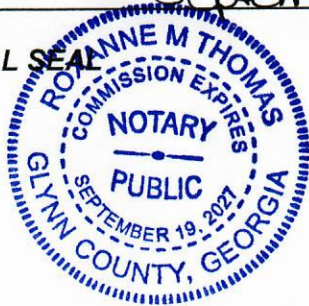
IN WITNESS WHEREOF, the said Grantor has set their hand and affixed their seal of the undersigned and delivered these presents on this the day and year first above written.

Printed Name of Grantor: <i>JOHN W. Callaway</i>	
Title of Grantor: <i>Manager</i>	
Signature of Grantor: <i>John W. Callaway</i> <i>Will J. Stutler</i>	Date Signed: <i>12/4/24</i> <i>12/10/24</i>

STAMP CORPORATE SEAL (if Grantor is an LLC or INC)

Printed Name of Unofficial Witness:	<i>GARY B. NEVILL</i>
Signature of Unofficial Witness:	<i>[Signature]</i>
Signed, sealed and delivered on this <i>10th</i> day of <i>December</i> , 20 <i>24</i> and in the presence of:	
Signature of Notary Public:	<i>Rolanne Thomas</i>
My Commission Expires:	<i>September 19, 2027</i>

STAMP NOTARIAL SEAL



ACCEPTED THIS _____ DAY
OF _____, 20_____.

**BRUNSWICK-GLYNN COUNTY JOINT
WATER AND SEWER COMMISSION**

By:

Name:
Chairman

Attest to:

Name:
Commission Clerk

Brunswick-Glynn County Joint Water & Sewer Commission
1703 Gloucester Street ~ Brunswick, Georgia 31520 ~ 912.261.7126
www.bgjwsc.org/departments/planning-and-construction/



Application for Dedication of Water/Wastewater Systems

Part A: Statement of Intention

Having completed the installation of the water/wastewater system for the property tract or

Sub-division heretofore known as Wawa Store #6303; the current

Owner(s) of the system, being Wawa Southeast, LLC, located

at 4330 New Jesup Hwy, Brunswick, GA 31520, is desirous of dedicating the constructed

utility system(s) for ownership, operation and maintenance to the appropriate public entity licensed and permitted to operate such system(s) within this jurisdictional area. This Application and requested information is being submitted with this intention.

Part B: Recognition and Acceptance of Warranties

The Owner/Developer of this water/wastewater system does hereby recognize and accept the responsibility for correcting any and all system defects that may occur or be found during the operation of the system by the JWSC for a period of two (2) years from the written date of acceptance by the governmental body to which the system is dedicated. This warranty covers materials and workmanship items, as well as those components of the infrastructure damaged by other utilities and/or contractors who may cause damage to the water/wastewater system as herein accepted, excepting such defects caused or resulting from the sole negligence of the JWSC.

Part C: Confirmation of Compliance of Water/Wastewater Documentation

The Owner/Developer of this water/wastewater system does hereby warrant that the Record Drawings and all appropriate utility easements and/or deeds have been provided to the JWSC.

Part D: Fair Value (Cost Basis) of Dedicated System (To be completed by Engineer)

The Fair Value (Cost Basis) of the installed **water system**, which is approximately 660 linear feet as constructed, is estimated to be \$ 140,752.00.

The Fair Value (Cost Basis) of the installed **sanitary sewer system**, which is approximately 690 linear feet, is estimated to be \$ 18,382.00.

The Fair Value (Cost Basis) of the installed **wastewater lift station**, which design capacity is N/A gallons per minute @ N/A feet Total Dynamic Head, is estimated to be \$ N/A.

The Fair Value (Cost Basis) of the installed **potable water well**, which design capacity is N/A gallons per minute @ N/A feet Total Dynamic Head, is estimated to be \$ N/A.

Engineer's Certification

The information cited in Part "D" of this application is based on my professional evaluation of the costs of materials and installation of the water/wastewater system(s) as constructed in accordance with the approved standards and specifications for this project; and I do hereby certify, to the best of my knowledge and belief, that these amounts as provided are an accurate representation of this systems Fair Value on a Cost Basis as of the date of this Application.

Engineer Printed Name: DAVID D. SMITH	Georgia P.E. Registration # : 081861
Engineer Signature:	Date (mm/dd/yyyy): 11/21/2024

(INSERT ENGINEER SEAL)

**Part E: Owner/Developer Certification**

11/21/2024

I/We, Wawa Southeast, LLC, do hereby certify that all application information herein provided on the aforementioned water/wastewater development project is true and accurate to the best of my/our knowledge and belief.

Printed Name of Grantor (Company, LLC, Inc.): Wawa Southeast LLC	
Printed Name of Grantor Representative: John Poplawski	
Title of Grantor: Vice President	
Signature of Grantor:	Date Signed(mm/dd/yyyy): 11/26/2024

Only if this is a Corporation, include name of someone to Attest and insert the Corporate Seal
Otherwise skip to Notary

Printed Name of Attestor: Wendy Ott	
Title of Attestor: Bid Proj Mgr	
Signature of Attestor:	Date Signed (mm/dd/yyyy): 11/26/24

(CORPORATE SEAL HERE)

All Applications must be Notarized

Date signed, sealed and delivered (mm/dd/yyyy): 11-26-2024
In the presence of (printed Name of Notary): Michelle Morrison
Signature of Notary Public:
Date Notary Commission Expires (mm/dd/yyyy): 09-08-2027

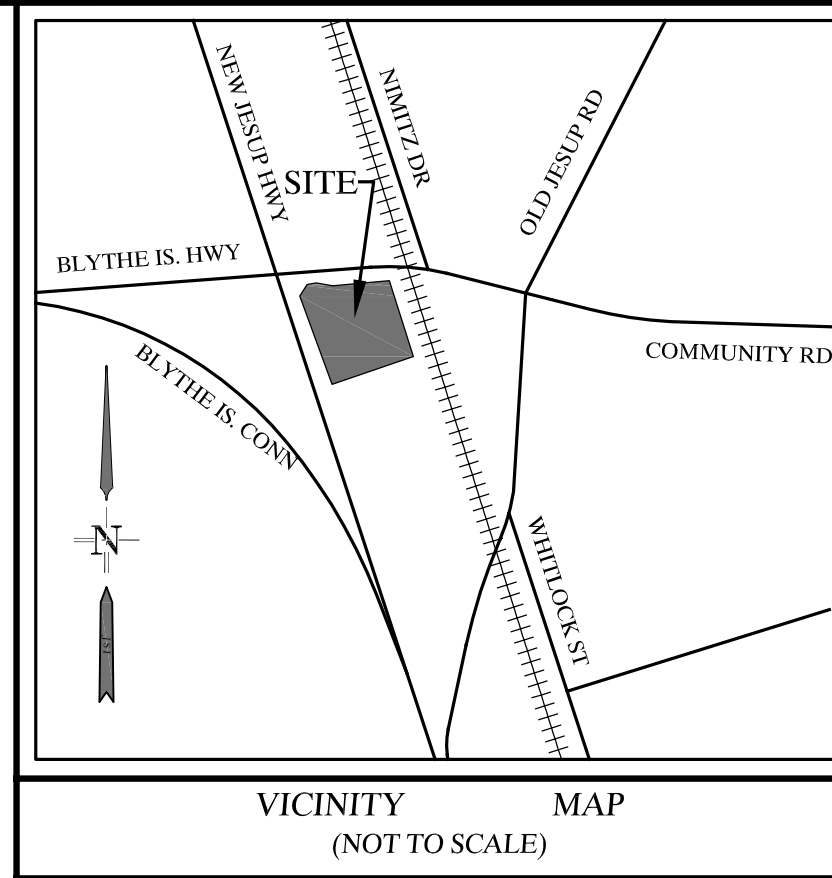
Commonwealth of Pennsylvania - Notary Seal
Michelle Morrison, Notary Public
Delaware County
My commission expires September 8, 2027
Commission number 1436093
Member, Pennsylvania Association of Notaries

ACCEPTED BY BRUNSWICK GLYNN JOINT WATER & SEWER COMMISSION

Date Accepted (Commission Meeting):	
Printed Name of Chairman:	
Signature of Chairman:	Date Signed (mm/dd/yyyy):

SEWER ASBUILTS PUBLIC/PRIVATE

PUBLIC OFFSITE FORCE MAIN AND EASEMENT/PRIVATE ONSITE SANITARY SEWERS AND LIFT STATION



MAP TO SHOW SEWER ASBUILT OF
WAWA STORE 6303,
TRACT 2A, LANDS OF ANDY TOSTENSEN III,
26th G.M.D., GLYNN COUNTY, GEORGIA

(ACCORDING TO PLAT RECORDED IN
P.B. 56 PGS. 221 & 414 OF THE PUBLIC RECORDS)

OWNER/DEVELOPER:
WAWA SOUTHEAST, LLC
260 W. BALTIMORE PIKE
MEDIA, PA 19063
CONTACT: SERGIO MARTINEZ
PHONE: 561.564.7247
EMAIL: sergio.martinez@wawa.com

TAX PARCEL ID: 03-09153
ADDRESS: 4300 NEW JESUP PARKWAY

CONTRACTOR:
iCONSTRUCTORS
ONE TAMPA CITY CENTER
201 NORTH FRANKLIN STREET, SUITE 200
TAMPA, FL 33602
CONTACT: DAVID JOHNSON
PHONE: 813.543.5623
EMAIL: djohnson@iconstructors.com

STRUCTURE	NORTHING	EASTING
GREASE TRAP	N 438305.85	E 862270.70
SAMPLING POINT	N 438299.04	E 862272.59
SSMH1	N 438245.50	E 862289.16
SSMH2	N 438169.18	E 862311.58
SSMH 3 - EXISTING	N 437542.78	E 862589.23
SEWER VALVE 1	N 438156.33	E 862300.58
SEWER VALVE 2	N 438169.15	E 862339.94
FLUSH VALVE	N 438169.05	E 862341.07
CHEWER WET WELL	N 438158.03	E 862294.18
LS WET WELL	N 438153.10	E 862292.63
SSCO 1	N 438309.27	E 862258.80
SSCO 2	N 438312.90	E 862268.87
SSCO 3	N 438306.92	E 862258.93
SSCO 4	N 438243.77	E 862280.44

JWSCS STATEMENT:

THESE "RECORD DRAWINGS" HAVE BEEN PREPARED AND CONFIRMED BASED ON PERIODIC FIELD OBSERVATIONS DURING CONSTRUCTION, FIELD TESTING, CCTV, AND PHYSICAL INSPECTIONS OF SYSTEM COMPONENTS BY JWSC STAFF. THIS INFORMATION HAS BEEN REVIEWED BY JWSC SUPERINTENDENTS AND CONSTRUCTION INSPECTION STAFF, AS CITED BELOW, AND THE THE BEST OF THEIR KNOWLEDGE AND BELIEF THESE RECORD DRAWINGS ARE ACCURATE AND COMPLETED IN ACCORDANCE WITH ADOPTED JWSC RECORD DRAWING STANDARDS AND SPECIFICATIONS.

WATER DISTRIBUTION SUPERINTENDENT NAME (printed):
WATER DISTRIBUTION SUPERINTENDENT SIGNATURE:

DATE SIGNED:
WASTEWATER COLLECTION SUPERINTENDENT NAME (printed):
WASTEWATER COLLECTION SUPERINTENDENT SIGNATURE:

DATE SIGNED:
PROJECT INSPECTOR NAME (printed):
PROJECT INSPECTOR SIGNATURE:

DATE SIGNED:

ENGINEER'S STATEMENT:

THESE "RECORD DRAWINGS" HAVE BEEN PREPARED BASED ON CONSTRUCTION, LOCATION, ELEVATION, AND TESTING INFORMATION PROVIDED BY THE CONTRACTOR, SURVEYORS, AND THE JWSC. THIS INFORMATION HAS BEEN REVIEWED BY THE ENGINEER OF RECORD, AS CITED BELOW, AND TO THE BEST OF HIS/HER KNOWLEDGE AND BELIEF THESE "RECORD DRAWINGS" ARE CONSISTENT WITH THE DESIGN INTENT OF THE APPROVED SITE DEVELOPMENT PLANS AND ANY APPROVED MODIFICATIONS OR CHANGES.

ENGINEER'S NAME (printed): **DAVID SMITH**
ENGINEER'S SIGNATURE: *David Smith*
GA PROFESSIONAL ENGINEER REGISTRATION NUMBER: **PE051861**
DATE SIGNED: **12/11/2024**

CONTRACTOR'S STATEMENT:

THE WATER AND/OR THE WASTEWATER PIPING SYSTEMS, AS SHOWN ON THESE "RECORD DRAWINGS", HAVE BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE STANDARDS AND SPECIFICATION FOR THIS PROJECT AND IN CONSIDERATION OF THE TWO (2) YEAR WORKMANSHIP AND MATERIALS WARRANTY. ANY SIGNIFICANT DEVIATIONS FROM THE MATERIALS SPECIFIED OR WORKMANSHIP STANDARDS REQUIRED HAVE BEEN APPROVED BY THE ENGINEER AND THE JWSC. THIS INFORMATION HAS BEEN REVIEWED BY A PRINCIPAL OF THE COMPANY OR AN EXECUTIVE OFFICER, AS CITED BELOW, AND TO THE BEST OF HIS/HER KNOWLEDGE AND BELIEF THESE "RECORD DRAWINGS" ARE ACCURATE AND COMPLETE.

COMPANY NAME: **iCONSTRUCTORS**
PRINCIPAL/OFFICER SIGNATURE (PRINTED): **TIM EDENS**
PRINCIPAL/OFFICER SIGNATURE: *Tim Edens*
DATE SIGNED: **NOVEMBER 27, 2024**

SURVEYOR'S STATEMENT:

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE WATER AND/OR WASTEWATER "RECORD DRAWINGS" SHOWN HEREON HAVE BEEN PREPARED IN CONFORMANCE WITH JWSC RECORD DRAWING STANDARDS AND ARE ACCURATE REPRESENTATION OF THE FIELD CONDITIONS BASED UPON ABOVE GROUND VISIBLE EVIDENCE OF SYSTEM COMPONENTS, AND THE ENGINEERING, CONTRACTOR, AND JWSC INFORMATION PROVIDED.

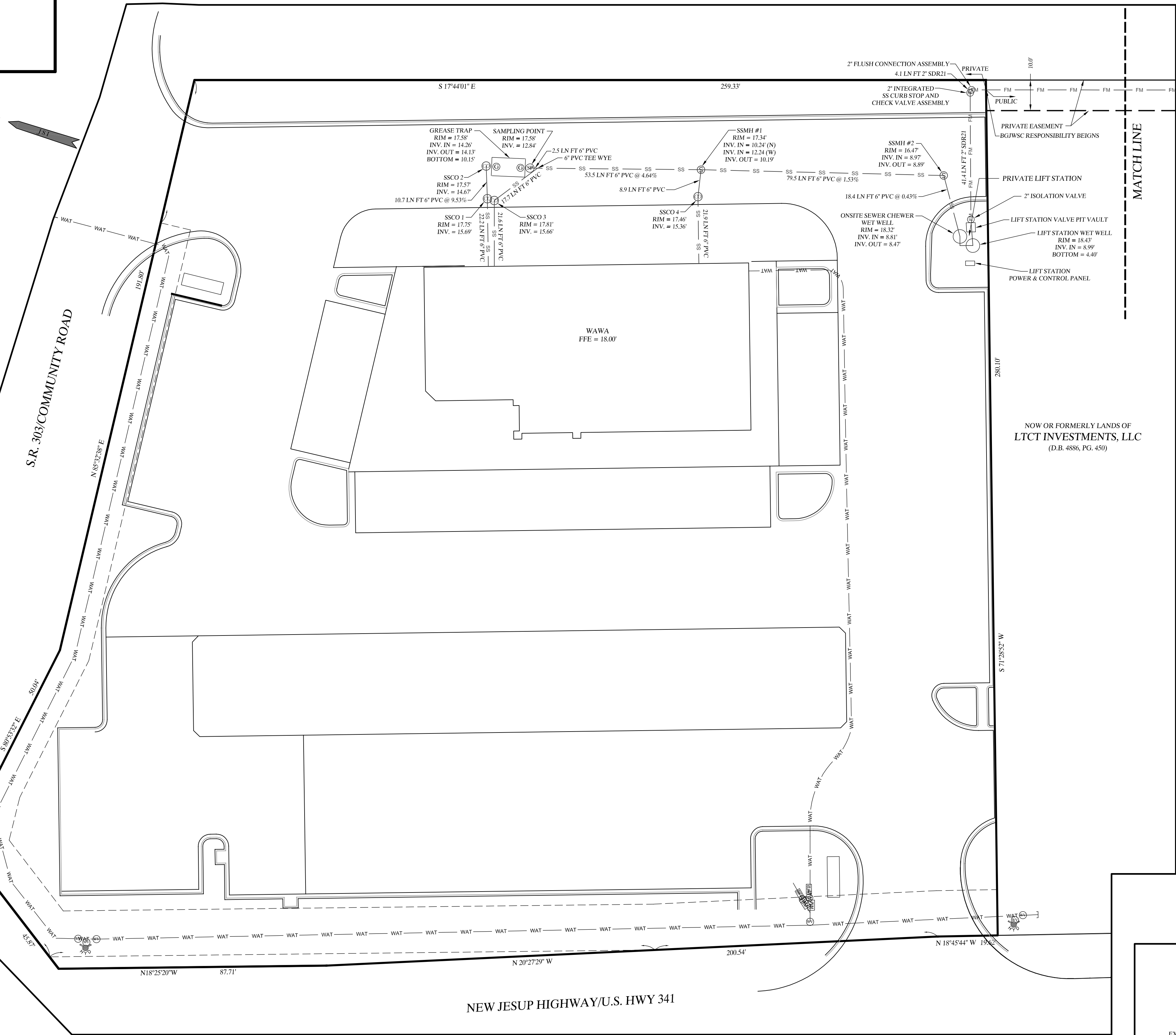
SURVEYOR'S NAME (printed): **DAVID E. DOWDY**
SURVEYOR'S SIGNATURE: *David E. Dowdy*
GA PROFESSIONAL LAND SURVEYOR NUMBER: **PLS 3395**
DATE SIGNED: **NOVEMBER 27, 2024**

NOTES:

- COORDINATES SHOWN HEREON ARE BASED ON GEORGIA STATE PLANE, EAST ZONE (NAD83) USING GPS METHODOLOGY UTILIZING THE GPS RTN NETWORK...
- REFERENCE BENCHMARK: GPS RTN NETWORK (NAVD88).

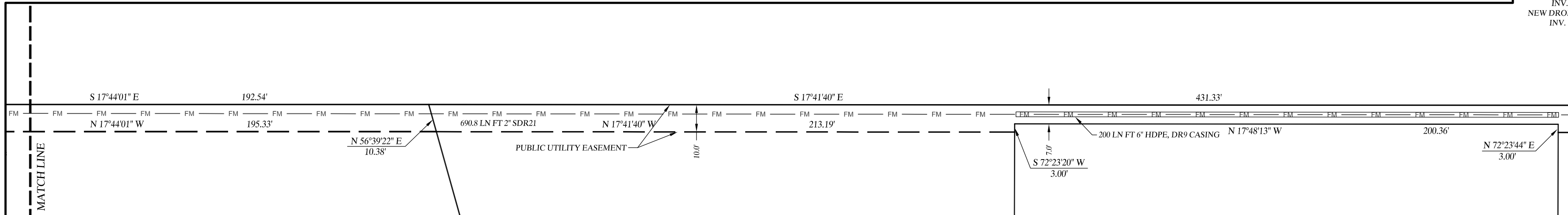
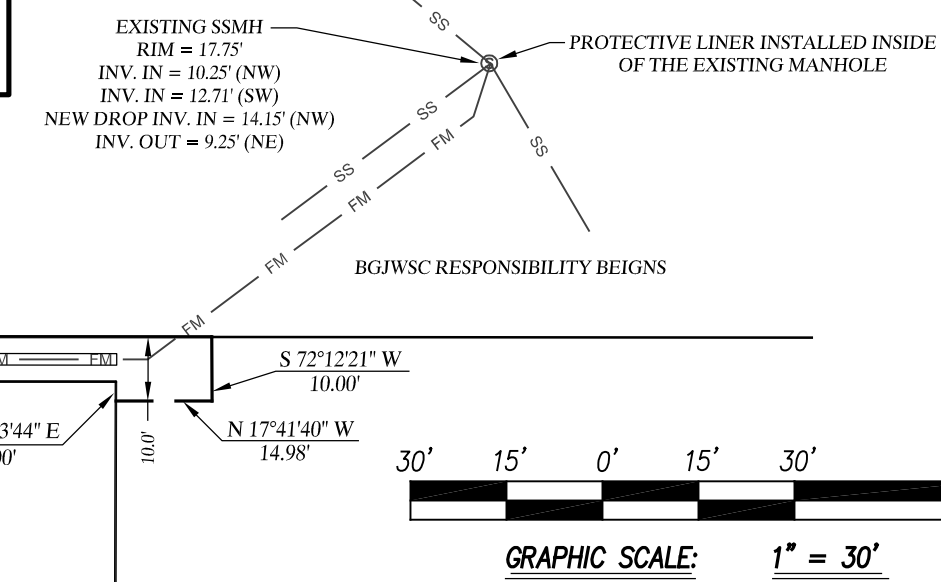
REVISED:
DECEMBER 11, 2024 - PER COMMENTS
20' 10' 0' 10' 20' 40'
GRAPHIC SCALE: 1" = 20'
DATE OF PLAT: NOVEMBER 27, 2024
DATE OF FIELD SURVEY: NOVEMBER 25, 2024

	JACKSON SURVEYING, INC. Surveyors and Land Planners LSF001244 207 ROSE DRIVE BRUNSWICK, GEORGIA 31520 email: info@brunswicksurveyor.com OWN. BY: D.E.D. DWG. NO.: 01024_11-20-24	Ofc. (912) 265-3836 K.C.A. FB. 154, PG. 27
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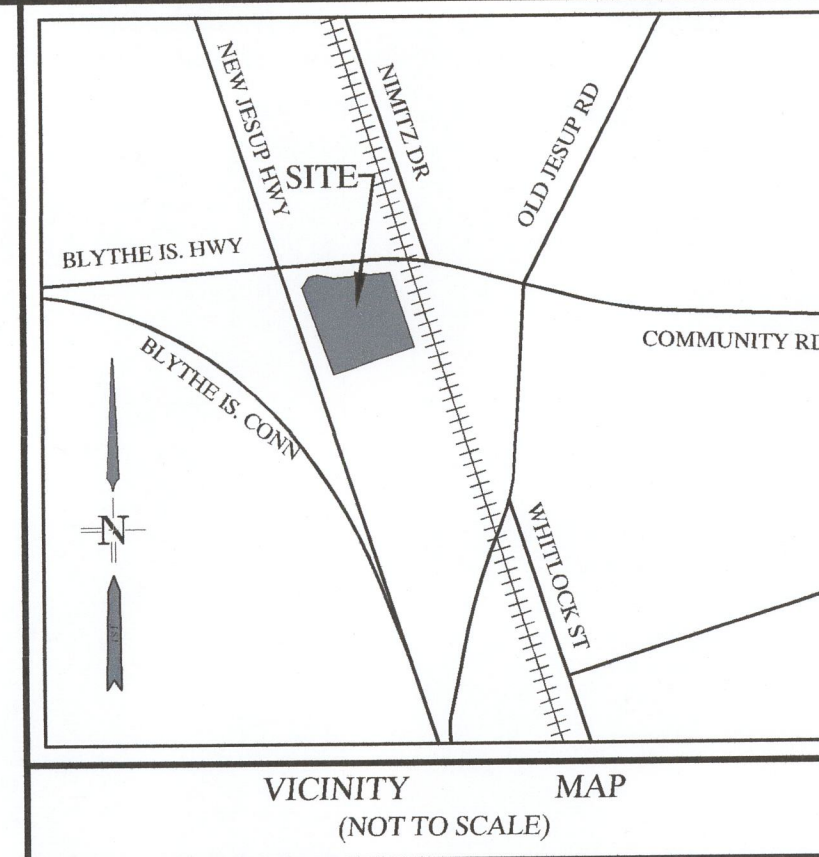


LEGEND:

FM	SANITARY SEWER FORCE MAIN LINE
SS	SANITARY SEWER GRAVITY LINE
⊙	GREASE TRAP ACCESS
⊙	SANITARY SEWER MANHOLE
⊙	SANITARY SEWER CLEAN OUT
⊙	SAMPLING POINT
⊙	SEWER VALVE
⊙	FLUSH VALVE
—	SANITARY SEWER LINE CAP



WATER ASBUILTS PUBLIC/PRIVATE



MAP TO SHOW WATER ASBUILT OF
**WAWA STORE 6303,
TRACT 2A, LANDS OF ANDY TOSTENSEN III,
26th G.M.D., GLYNN COUNTY, GEORGIA**

(ACCORDING TO PLAT RECORDED IN
P.B. 36 PGS. 221 & 414 OF THE PUBLIC RECORDS)

OWNER/DEVELOPER:
WAWA SOUTHEAST, LLC
260 W. BALTIMORE PIKE
MEDIA, PA 19063
CONTACT: SERGIO MARTINEZ
PHONE: 561.564.7247
EMAIL: sergio.martinez@wawa.com

TAX PARCEL ID: 03-09153
ADDRESS: 4300 NEW JESUP PARKWAY

CONTRACTOR:
iCONSTRUCTORS
ONE TAMPA CITY CENTER
201 NORTH FRANKLIN STREET, SUITE 200
TAMPA, FL 32602
CONTACT: DAVID JOHNSON
PHONE: 813.543.5623
EMAIL: djohnson@iconconstructors.com

JWSC'S STATEMENT:

THESE "RECORD DRAWINGS" HAVE BEEN PREPARED AND CONFIRMED BASED ON PERIODIC FIELD OBSERVATIONS DURING CONSTRUCTION, FIELD TESTING, CCTV, AND PHYSICAL INSPECTIONS OF SYSTEM COMPONENTS BY JWSC STAFF. THIS INFORMATION HAS BEEN REVIEWED BY JWSC SUPERINTENDENTS AND CONSTRUCTION INSPECTION STAFF, AS CITED BELOW, AND THE BEST OF THEIR KNOWLEDGE AND BELIEF THESE RECORD DRAWINGS ARE ACCURATE AND COMPLETED IN ACCORDANCE WITH ADOPTED JWSC RECORD DRAWING STANDARDS AND SPECIFICATIONS.

WATER DISTRIBUTION SUPERINTENDENT NAME (printed): _____
WATER DISTRIBUTION SUPERINTENDENT SIGNATURE: _____
DATE SIGNED: _____
WASTEWATER COLLECTION SUPERINTENDENT NAME (printed): _____
WASTEWATER COLLECTION SUPERINTENDENT SIGNATURE: _____
DATE SIGNED: _____
PROJECT INSPECTOR NAME (printed): _____
PROJECT INSPECTOR SIGNATURE: _____
DATE SIGNED: _____

ENGINEER'S STATEMENT:

THESE "RECORD DRAWINGS" HAVE BEEN PREPARED BASED ON CONSTRUCTION LOCATION, ELEVATION, AND TESTING INFORMATION PROVIDED BY THE CONTRACTOR, SURVEYORS, AND THE JWSC. THIS INFORMATION HAS BEEN REVIEWED BY THE ENGINEER OF RECORD, AS CITED BELOW, AND TO THE BEST OF HIS/HER KNOWLEDGE AND BELIEF THESE "RECORD DRAWINGS" ARE CONSISTENT WITH THE DESIGN INTENT OF THE APPROVED SITE DEVELOPMENT PLANS AND ANY APPROVED MODIFICATIONS OR CHANGES.

ENGINEER'S NAME (printed) **DAVID SMITH**
ENGINEER'S SIGNATURE: *David Smith*
GA PROFESSIONAL ENGINEER REGISTRATION NUMBER: **PE051861**
DATE SIGNED: **12/09/2024**

CONTRACTOR'S STATEMENT:

THE WATER AND/OR THE WASTEWATER PIPING SYSTEMS, AS SHOWN ON THESE "RECORD DRAWINGS", HAVE BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE STANDARDS AND SPECIFICATION FOR THIS PROJECT AND IN CONSIDERATION OF THE TWO (2) YEAR WORKMANSHIP AND MATERIALS WARRANTY. ANY SIGNIFICANT DEVIATIONS FROM THE MATERIALS SPECIFIED OR WORKMANSHIP STANDARDS REQUIRED HAVE BEEN APPROVED BY THE ENGINEER AND THE JWSC. THIS INFORMATION HAS BEEN REVIEWED BY A PRINCIPAL OF THE COMPANY OR AN EXECUTIVE OFFICER, AS CITED BELOW, AND TO THE BEST OF HIS/HER KNOWLEDGE AND BELIEF THESE "RECORD DRAWINGS" ARE ACCURATE AND COMPLETE.

COMPANY NAME **iCONSTRUCTORS**
PRINCIPAL/OFFICER SIGNATURE (PRINTED): **TIM EDENS**
PRINCIPAL/OFFICER SIGNATURE: *Tim Edens*
DATE SIGNED: **NOVEMBER 27, 2024**

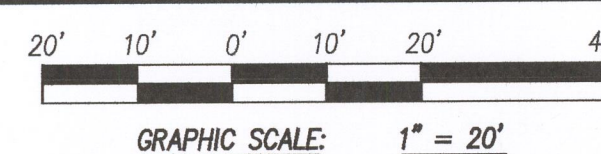
SURVEYOR'S STATEMENT:

TO THE BEST OF MY KNOWLEDGE AND BELIEF THE WATER AND/OR WASTEWATER "RECORD DRAWINGS" SHOWN HEREON HAVE BEEN PREPARED IN CONFORMANCE WITH JWSC RECORD DRAWING STANDARDS AND ARE ACCURATE REPRESENTATION OF THE FIELD CONDITIONS BASED UPON ABOVE GROUND VISIBLE EVIDENCE OF SYSTEM COMPONENTS, AND THE ENGINEERING, CONTRACTOR, AND JWSC INFORMATION PROVIDED.

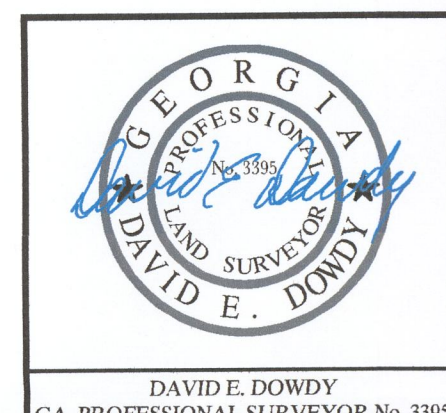
SURVEYOR'S NAME (printed) **DAVID E. DOWDY**
SURVEYOR'S SIGNATURE: *David E. Dowdy*
GA PROFESSIONAL LAND SURVEYOR NUMBER: **PLS 3395**
DATE SIGNED: **NOVEMBER 27, 2024**

NOTES:

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- REFERENCE BENCHMARK: eGPS RTN NETWORK (NAVDS).



DATE OF PLAT: NOVEMBER 27, 2024
DATE OF FIELD SURVEY: NOVEMBER 25, 2024



JACKSON SURVEYING, INC.
Surveyors and Land Planners
LSF001244
207 ROSE DRIVE
BRUNSWICK, GEORGIA 31520
email: info@brunswicksurveyor.com
OWN. BY: **D.E.D.**
DWG. NO.: **01054-11-00-24**
CD. BY: **K.C.L.**
FB. 154, PG. 27



STRUCTURE	NORTHING	EASTING
GATE VALVE 1	N 438497.48	E 862202.54
GATE VALVE 2	N 438363.18	E 861987.15
GATE VALVE 3	N 438360.26	E 861986.90
GATE VALVE 4	N 438357.41	E 861988.86
GATE VALVE 5	N 438136.46	E 862065.47
GATE VALVE 6	N 438140.97	E 862071.74
GATE VALVE 7	N 438139.10	E 862072.86
GATE VALVE 8	N 438072.69	E 862086.46
GATE VALVE 9	N 438070.71	E 862088.79
FIRE HYDRANT 1	N 438359.96	E 861985.02
FIRE HYDRANT 2	N 438072.64	E 862084.95
WATER METER 1	N 438140.01	E 862070.57
WATER METER 2	N 438138.39	E 862071.28
BACK FLOW PRIVIR1	N 438141.99	E 862072.72
BACK FLOW PRIVIR2	N 438140.08	E 862075.36
CAP	N 438066.00	E 862090.46

LEGEND:

WAT	BURIED WATER LINE	WM	WATER METER
GV1	GATE VALVE	BFP	DCVA BACKFLOW PREVENTER
FD	FIRE HYDRANT		

NEW JESUP HIGHWAY/U.S. HWY 341

NEW JESUP HIGHWAY/U.S. HWY 341

NEW JESUP HIGHWAY/U.S. HWY 341



Brunswick-Glynn

Joint Water and Sewer Commission

Memorandum

To: Brunswick-Glynn Joint Water and Sewer Commission
From: Andrew Burroughs, P.E., Executive Director
Date: Thursday, December 19, 2024
RE: Legal Fee Rate Adjustment

Background

The firm of Hall Booth Smith, P.C. has represented and provided legal counsel to the Brunswick-Glynn Joint Water and Sewer Commission since May 2016. Their professional fees remained unchanged during this time. Their firm has now requested the Board's consideration of a rate adjustment for services provided by their Partners, Associates and Paralegals.

Staff Report

When Hall Booth Smith, P.C. first began providing their services to the Brunswick-Glynn Joint Water and Sewer Commission, annual legal fees exceeded \$500,000. This was driven mostly by pending litigation, but there were also opportunities for streamlining communication between their firm and the Commission. Since that time, the two organizations have worked together to lower those fees, and we have been successful in doing so. The firm has now approached the Board to request an adjustment to their rates as outlined in the attached letter.

This item was presented to the Finance Committee on December 18, 2024.

Recommended Action

Staff recommends that the Board approve the adjusted rates as presented by Hall Booth Smith, P.C. in the attached letter dated December 10, 2024, and institute an annual review of this agreement by the Board.

Recommended Motion

"I move that the Brunswick-Glynn Joint Water and Sewer Commission approve the proposed rate adjustment for professional fees related to legal services provided by Hall Booth Smith, P.C., and conduct an annual review of this agreement."

Enclosures

Letter of Request from Hall Booth Smith, P.C.



HALL BOOTH SMITH, P.C.
ATTORNEYS AT LAW

Charles A. Dorminy J.D., L.L.M.
Phone: 912.554.0093
cdorminy@hallboothsmith.com

3528 Darien Highway
Suite 300
Brunswick, Georgia 31525

Office: 912.554.0093
Fax: 912.554.1973
www.hallboothsmith.com

December 10, 2024

Chairman Ben Turnipseed, P.E.
Brunswick-Glynn County Joint Water & Sewer Commission
1703 Gloucester Street
Brunswick, Georgia 31520

RE: Legal Fee Rate Increase

Dear Chairman Turnipseed,

I write to you today to humbly request a rate increase. It has been my privilege to represent the Brunswick-Glynn County Water and Sewer Commission since May 2016. I have thoroughly enjoyed working with the Commission and staff on a daily basis, and I sincerely wish to continue to advise them going forward. However, I believe my acquired experience, as well as inflation, warrant an increase.

Currently, the rates being paid to my firm are \$185 per hour for partners, \$165 per hour for work performed by associates, and \$90 per hour for work performed by paralegals. As you may be aware, the first year we represented JWSC, the legal fees exceeded \$500,000.00, primarily due to pending litigation and inefficiencies in operations. However, since then, we have been able to reduce the amount billed each year and we have continued the trend of lowering legal fees. This year, we have billed a total of just over \$47,000.00. The continued reduction has been the result of the efficiencies implemented by the Commission and staff as a whole and each of you should be applauded for this result. However, I also hope that some part of the reduction may be attributed to my contributions and acquired expertise in the field.

I am asking that our rates be increased to \$200 per hour for partners, \$185 per hour for work performed by associates, and \$100 per hour for work performed by paralegals. This would remain significantly lower than any of my other clients' rates. However, I enjoy working with JWSC and understand and appreciate the budget constraints placed on local governments.

Please let me know if you have any questions or concerns. I look forward to hearing from you and to continuing our relationship.

Respectfully,

/s/ *Charles A. Dorminy*

Charles A. Dorminy

BRUNSWICK, GA

ALABAMA | ARKANSAS | COLORADO | FLORIDA | GEORGIA | MONTANA | NEW JERSEY | NEW YORK
NORTH CAROLINA | OKLAHOMA | SOUTH CAROLINA | TENNESSEE