

Town of Triana Regular Council Meeting
Monday, August 28, 2023
6:30PM

Mayor called the meeting to order. Roll call:

Councilmember George Ragland - Present
Councilmember Jason Garstka - Present
Councilmember Casey Witman -Present
Councilmember Levonia Ayers -Present
Mayor Mary Caudle – Present
Councilmember Hopkins - Absent

Members present constituted a quorum.

Motion by Councilmember Whitman to approve the minutes dated August 14th. Councilmember Ayers second the motion. Motion carried.

Mayor Caudle's Report: We had the bid opening for the sewer project. We had 7 bidders. She stated the lowest and most efficient bid was for \$1,263,640.00 from Rast Construction, Inc. This will be for repair to the Force Main on the sewer project.

Councilmember Ragland asked what subdivision the sewer work was being done. Mayor stated the force main is being re-routed.

Councilmember Whitman stated it is for the Savannah West Pump Station making the Force Main bigger that goes from the Savannah West pump station that goes down Wall Triana then down Swancott to the Madison City power station. They will replace that whole section from a 6-inch pipe to an 8-inch pipe. He stated the other one will run from Jesse Bennett to the back side of pond up through by the Tornado Shelter then down to the Foster Dr. pump to make it bigger. Mayor stated funding will come out of the account we receive funding from Water & Sewer.

Motion by Councilman Whitman authorizing the mayor to award the contract to Rast Construction, Inc. for the sewer phase II project. Councilmember Garstka second the motion. Roll call: Ragland-yes, Garstka-yes, Ayers-yes, Whitman-yes, and Caudle-yes. Unanimous consent, motion carried.

Mayor stated the Sewer System Evaluation report from Engineers of the South looked good (see attached report), she stated after everyone has review report and have questions, they can contact Engineers of the South, or they can call her.

Mayor stated after this phase we will need to look at placing generators in the stations in case any of them should go out we will have a backup.

Motion by Councilman Ragland to go into executive session at 6:37pm. Councilmember Garstka second the motion. Motion carried.

Motion by Councilmember Ragland to return to the regular order of business at 6:54PM. Councilmember Garstka second the motion. Motion carried.

REPORTS OF STADING COMMITTEES:

Fire & Police: Chairperson Ragland reported Fire Dept. responded to 1 structure Fire, 15 Emergency Calls, and 1 Motor Vehicle.

Police Dept. traveled 1,842 miles, made 32 traffic stops, 29 warning citations, 4 traffic citations, 42 calls for service, 3 arrests and 10 reports.

Mayor reported: Both Police Officers qualified for the firearms recertification, City of Huntsville allows us to use their facility.

The new radios have come in and have been installed in the patrol car.

Our Fire Chief has completed his training and he is now a certified Fire Investigator.

Finance: No Report

Mayor reported our insurance did increase slightly to \$41,000 after we added patrol cars.

Utility: No Report

Mayor stated the lights for A Street are on the list to be installed.

Park & Recreation: Chairperson Ayers reported she stopped at the library and talked with the librarians. They informed her that everything was going well. They are having an issue with their phone lines. The clerk stated the issue has been reported to AT&T.

Trina Warriors have started playing and everything is going well with them.

Mayor reported they have 25 kids registered for the afterschool program. We have about 21 kids that come every day. On the days we have more than 20 kids we have the staff on hand to accommodate.

Streets & Cemetery: No Report.

RESOLUTIONS, ORDINANCES, ORDERS AND OTHER BUSINESS:

Attorney Caleb Ballew stated he will have the updates on the speed limit ordinance next time.

Mayor stated she received a request from the Rogers Family asking to use the parking lot at the storm shelter. This will be for their annual Labor Day event.

Council Member Whitman stated he does not see a problem if we have a point of contact, we can call if there's severe weather. Mayor stated there is a form they must fill out and they have to make sure everything is left clean.

Motion by Councilman Ragland to allow the Rogers Family to use the parking lot at the Saferoom.

Councilmember Garstka second the motion. Motion carried.

Councilmember Whitman reported the council met in a work session before the meeting to discuss inconsistencies regarding trailers in the zoning ordinance. Discussion will continue at the next Planning and Zoning meeting on Monday Sept 18th. They will work up recommendations to present to the council on how to amend the Ordinance to remove the inconsistencies.

Public Notice:

Theresa Nelson asked, "could the town do something about the old green house in the park that has become a nuisance.

Mayor stated we have no plans to repair greenhouse and that the town had given it to the Historical Society to do whatever they need to do to take care of it. She stated town purchased the greenhouse for the seniors years ago, she stated the wind has since torn the siding off.

Loretta Justice stated she is president of PTSA at Bob Jones. She stated she has made a commitment to become more involved in the city. She stated she wants to be there for the kids and family and happy to be of service for whatever the town needs.

Ms. Justice stated she is also on the Mental Health Committee for Madison City Schools. She works with Stephanie Allen and Lee Shaw at the Central Office. Their focus is Mental Health Matters. She stated they were trying to do an event here in Triana. She stated she hopes the council can support it. They plan to bring food for the families that attend. She stated as the PTSA president she would like to bring more things down here.

Mayor stated she needs to connect with Ms. Ayers to help coordinate when she gets to that point. She stated it can be held in the Community room or at the library.

Ms. Justice stated the tentative date will be Sept 28th at Madison they will have the morning session in Triana from 5-6:30 to include dinner if they can accommodate.

Mayor stated next month our liaison will be stepping down due to other obligations and she will have to appoint another liaison by Oct. 1. So, if anyone has any recommendations send them to her for consideration. She had 1 person to inquire about it but at the time we had one.

Theresa Nelson stating going back to the discussion on metal health, town had someone down at the last meeting, Ms. Ragland wanting to have something in the park about mental health. Mayor stated she did but that she does not think it is the same.

Ms. Justice stated if we have any contact information when will give it to Ms. Lee Shaw. Mayor stated we will connect both parties with information.

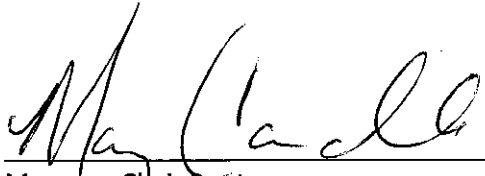
Delivery Service - Patsy Parvin asked will there be a street sign place off Advent Dr. saying Murphy Cir. She stated this is messing up FedEx drivers making deliveries. Mayor stated we will check to see if signage has been ordered if not, we will order one.

Ms. Parvin asked does the city have an Ordinance on how many sheds can be on a property. Mayor stated they can mention this issue and discuss it at their planning & zoning meeting.

Betty Williams thanked the council for giving the Historical Society \$3,000.00 for the Smithsonian exhibit. Mayor stated it was given to the town by the County to be given to them. She stated when time gets closer for the Smithsonian the town will donate also.

Moved and properly seconded to adjourn.

Date Approved Sept. 11, 2023
Sharron Humphrey
Sharron Humphrey, Town Clerk-Treasurer

A handwritten signature in black ink, appearing to read "May Cade". The signature is written in a cursive style with a large initial "M" and "C".

Mayor or Chair Pro tempore

August 28, 2023

Mayor Mary Caudle
Town of Triana
640 Sixth Street
Triana, AL 35756

RE: 2023 Triana Sewer System Evaluation

Dear Mayor Caudle:

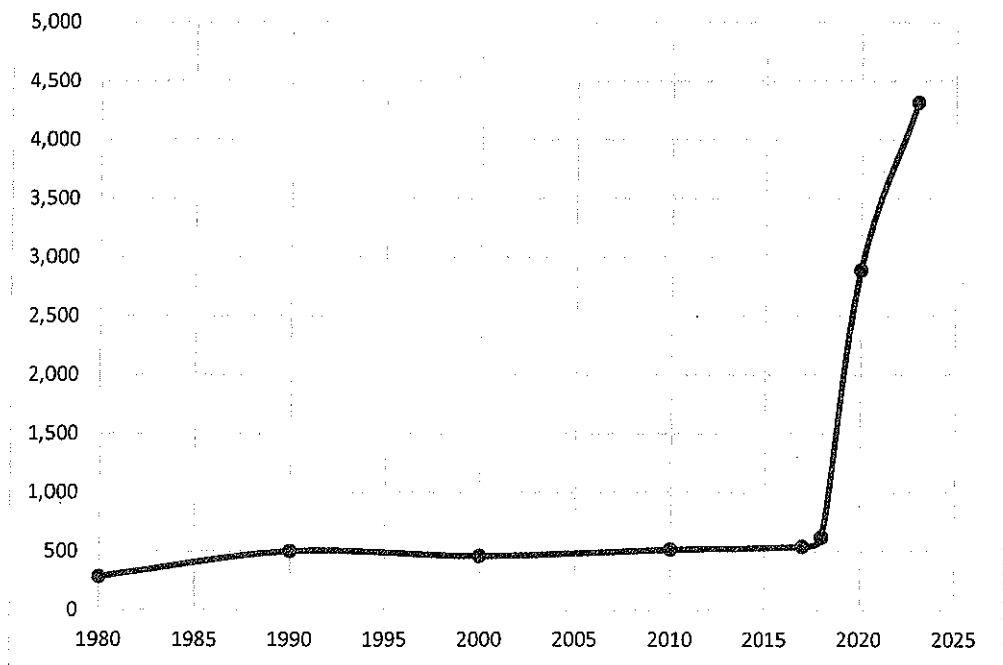
Introduction:

In recent years, the Town of Triana has experienced rapid growth, leading to strain on its sewer infrastructure. Engineers of the South, LLC (EOS) conducted a study in 2019, outlining the challenges posed by this growth and proposing necessary upgrades. This report provides an update on the sewer system's current state, recent improvements, and future needs.

Population Growth and Infrastructure Strain:

Since 2017, the Town's growth has surged exponentially, straining its sewer infrastructure. The increase in developed and subdivided lots, currently at 2,847, indicates a potential population of approximately 8,000, assuming an average of 2.8 persons per household.

Triana, AL Population



Infrastructure Upgrades:

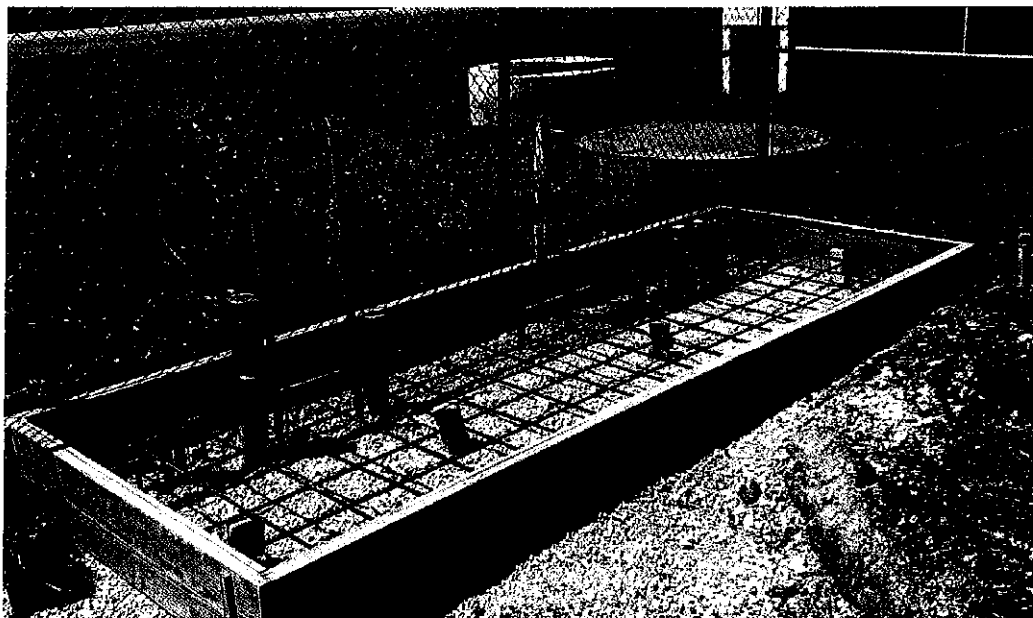
The 2019 study conducted by EOS identified four lift stations with insufficient capacity for imminent sewer flows. It also identified two force mains that would need to be upgraded for flows projected within 5 years or less. The recommended upgrades were as follows:

- Savannah West Lift Station and Force Main
- Savannah East Lift Station
- Jesse Bennett Lift Station and Force Main
- Oregon Lift Station

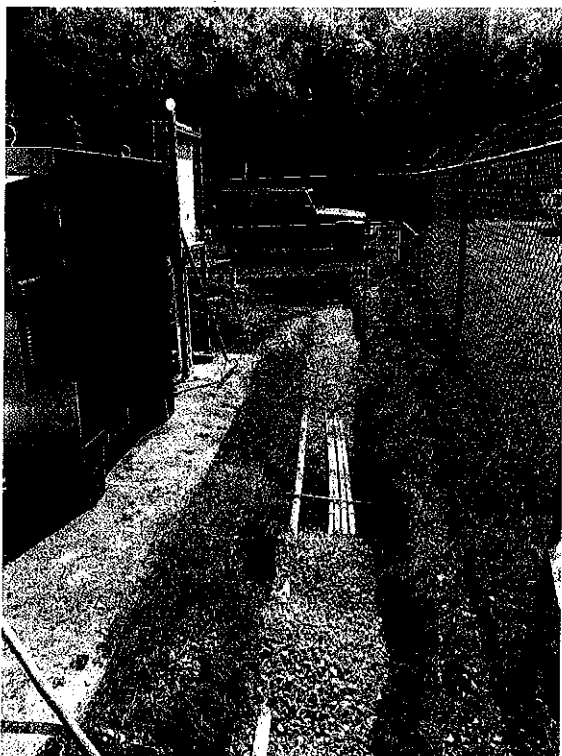
The lift station upgrades included larger pumps, electrical, controls, air powered mixers, bypass connections, air release valves, and painting of the exposed piping and valves. The lift station upgrades were completed in early 2022 (photographs below), while the force main project is anticipated to conclude by the end of this year.



Savannah West Pump Bases and Pump Install



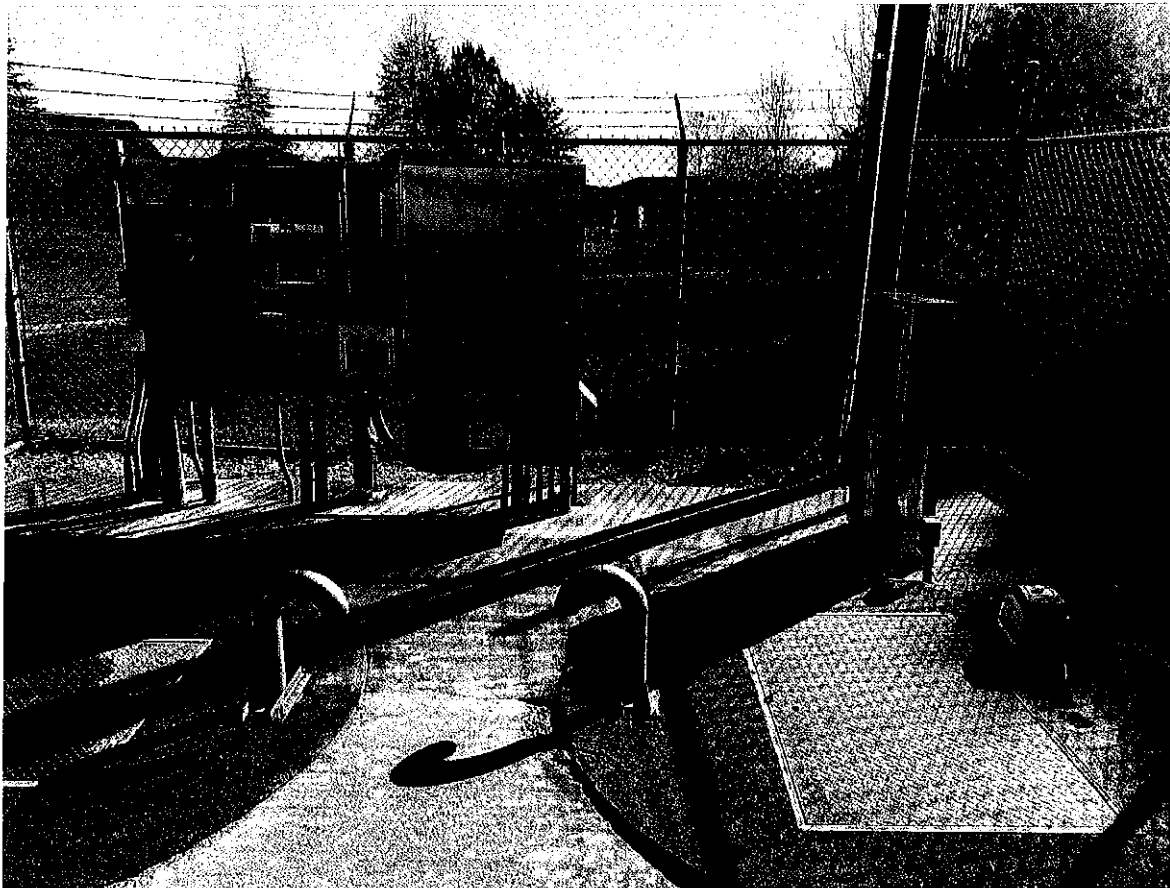
Savannah West Electrical



Savannah East Electrical Duct Banks



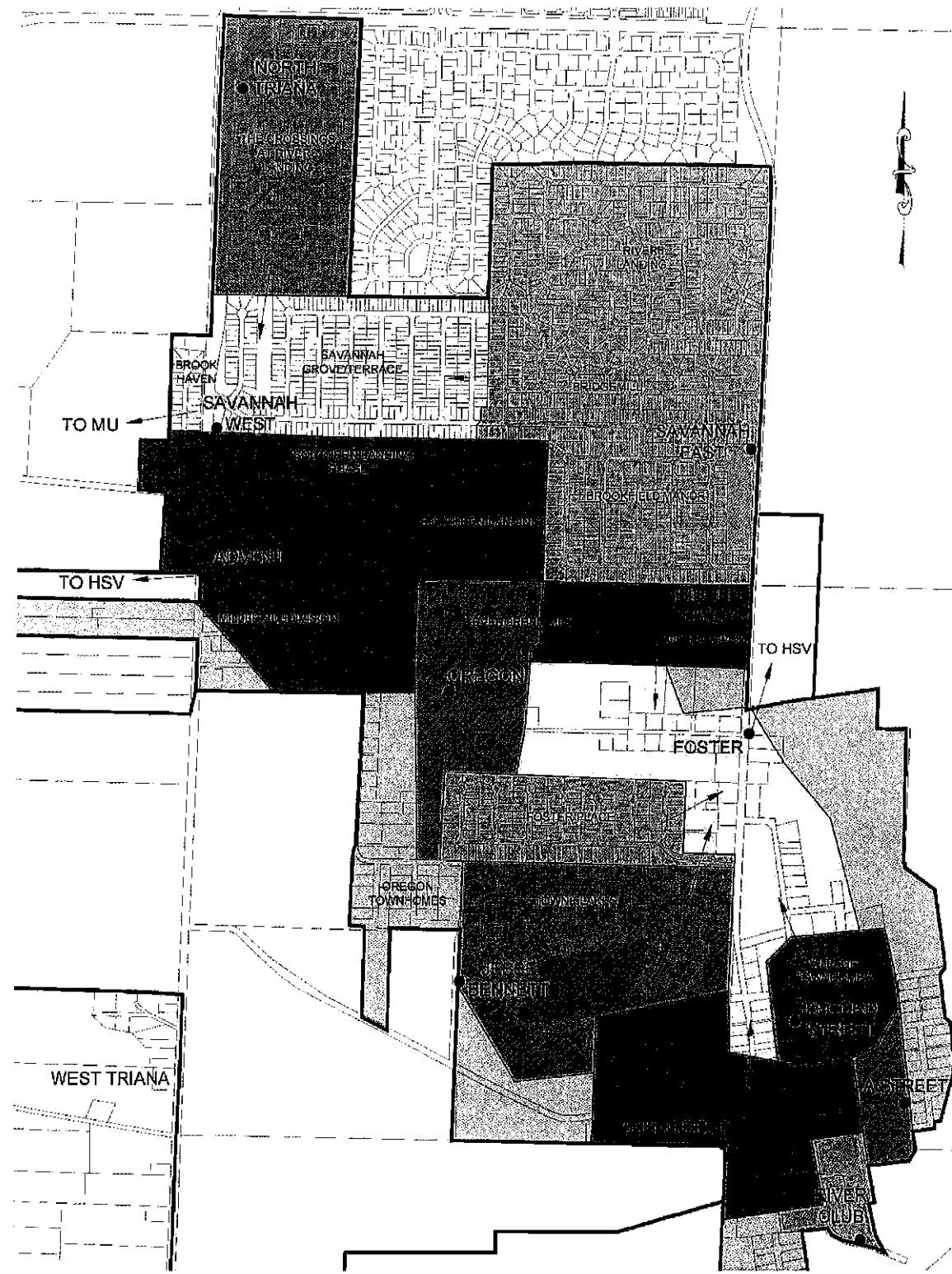
Oregon Air Release and Bypass Connection



Jesse Bennet New Electrical and Air Powered Mixer

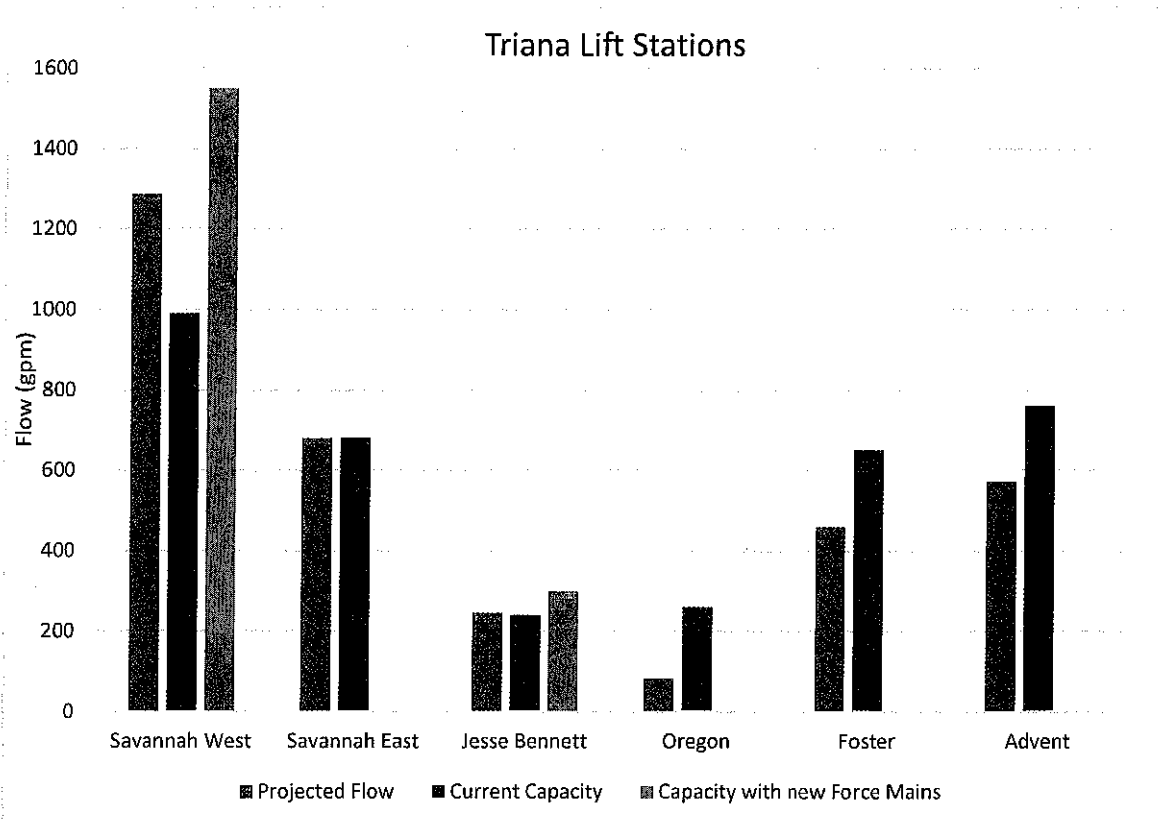
Sewer Drainage Basins:

EOS delineated Triana's sewer service area into 10 drainage basins in the 2019 study. These basins have been updated with some new basins added to account for new developments. The updated map is included on the following page. Each of these basins flow into separate sewage lift stations. Currently developed or subdivided lots were counted in each drainage basin to estimate flows upon the build out of those lots. Standard residential flow rates with Triana's 2.8 people per household were used to estimate total flows in each basin. Areas hatched in gray will require additional sewer lines or lift stations if they are to be served. Arrows indicate how flow moves through various basins until it is pumped either to Huntsville (HSV) or Madison (MU).



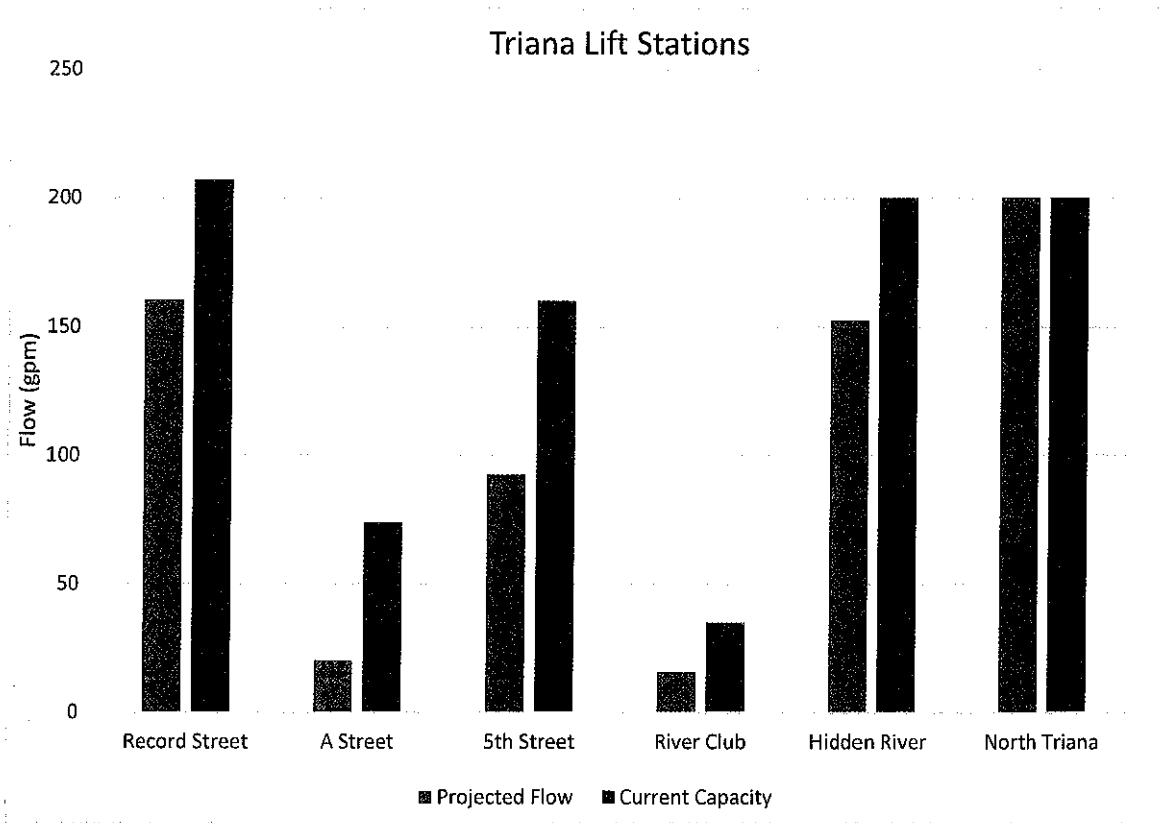
Capacity Evaluation:

EOS conducted draw-down tests on the new and upgraded lift stations, including Savannah West, Savannah East, Jesse Bennett, and Oregon. The force mains for Savannah West and Jesse Bennett will be upgraded this year, with the latter redirecting flow away from Oregon, thereby increasing its capacity. The current and projected capacities for these lift stations are summarized below:



Other Lift Stations:

Existing and new lift stations such as Hidden River and North Triana have capacities as follows:



Future Development and Capacity:

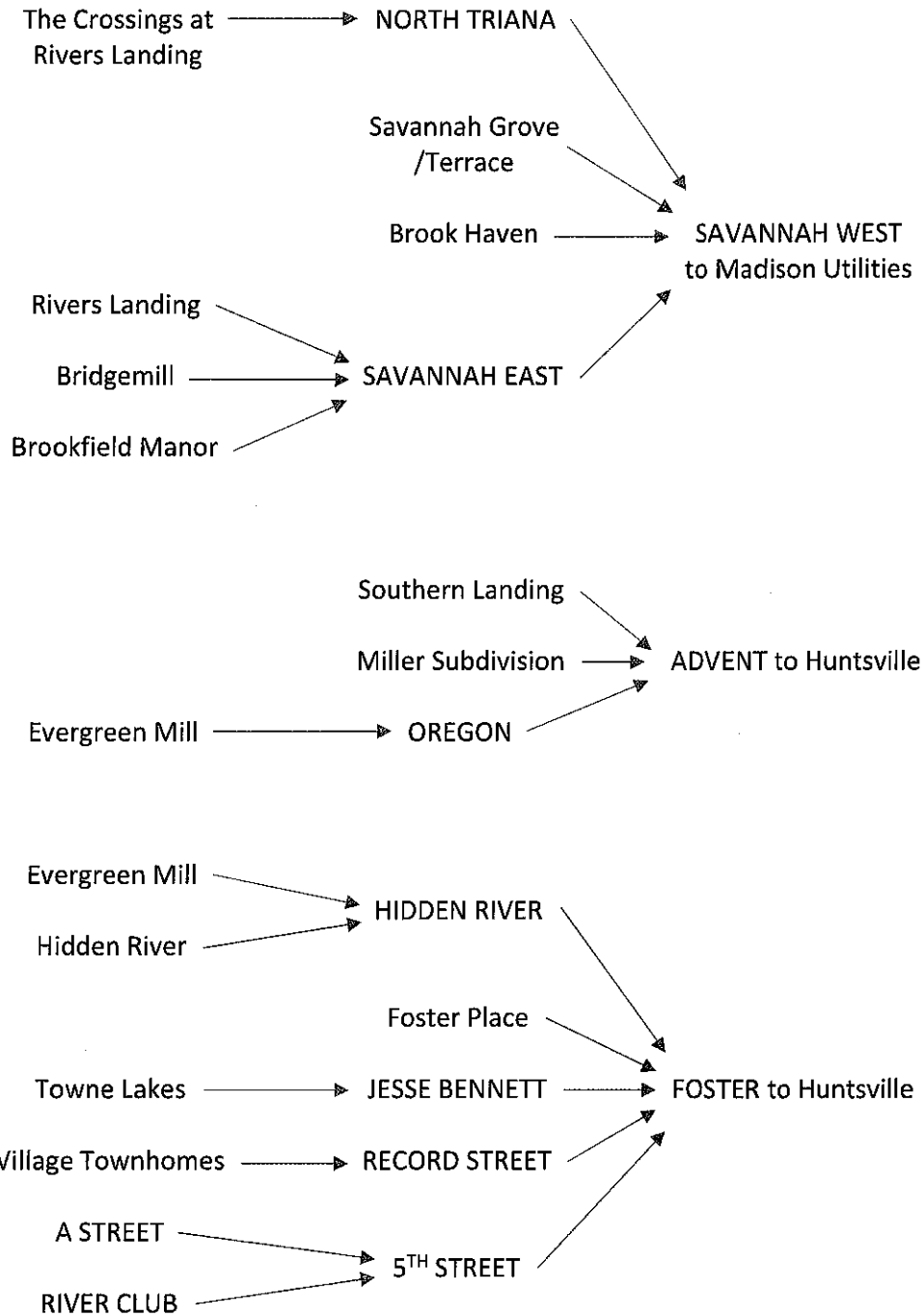
Once the force mains project is finalized, it is anticipated that the ten lift stations situated within the eastern Town Limits will be capable of accommodating the present number of developed or subdivided lots. However, any future proposed developments within these limits will necessitate individual assessments. Conversely, developments located outside the Town Limits are unlikely to receive support from the current sewer infrastructure.

Western Town Limits and Future Study:

This report does not address sewer service options for the western portion of the Town Limits west of Wall Triana Highway. A subsequent study is underway for this aspect.

Flow Schematic:

The flow of wastewater from developments to lift stations and discharge utilities is illustrated in the following schematic:



Ongoing and Future Needs:

The following upgrades have been made at the four lift stations mentioned previously, but the needs identified in the 2019 study persist for Advent, Foster, Record Street, 5th Street, A Street, River Club, North Triana, and Hidden River:

- Remote or SCADA monitoring to prevent sanitary sewer overflows (SSOs).
- Repainting of pump discharge piping, valves, and check valves is necessary to curb corrosion.
- Installation of pressure gauges on discharge piping to aid in diagnosing pump issues is recommended.

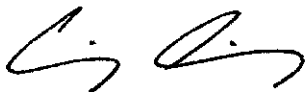
To mitigate risks of SSOs resulting from pump failure, power outages, or electrical issues, it is recommended to install engine-driven backup pumps at critical lift stations. This strategy should be considered for specific high-priority stations such as Savannah West, Savannah East, Advent, and Foster. These backup pumps can provide an essential layer of redundancy, ensuring continuous operation even in challenging circumstances.

Conclusion:

This report provides an overview of the Town of Tirana's sewer system status, recent upgrades, and future requirements. The influx of population has necessitated vital improvements, and while progress has been made, ongoing vigilance and maintenance remain essential to ensure the system's functionality.

Please feel free to contact us with any inquiries.

Sincerely,
Engineers of the South, LLC



Craig Swinney, PE
Senior Project Manager

CC: Councilman Casey Whitman – Chair of Utilities Committee
Mark Bland, Madison Utilities Wastewater Manager
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