



City of Brooklet Projects Update
Month & Year: August 2023

Items underneath the dashed line are items accomplished since the last report.

A. Well Project

Items Accomplished

1. Created a computer model of the City's water system which was used to evaluate prospective well sites.
 2. Evaluated several sites and recommended the Baptist Church site.
 3. Coordinated with surveyor to survey the Baptist Church site.
 4. Applied for an Office of Planning and Budget (OPB) grant to fund the well.
 5. Prepared a Phase 1 EPD report which will be used by EPD to evaluate the site.
 6. Submitted a groundwater permit modification request to EPD.
 7. Met on site with EPD to evaluate well site.
 8. Located septic facilities with Councilman Anderson.
 9. Provided a sketch to GDOT to evaluate with regards to a driveway access.
 10. Commissioned a topographical survey from Don Marsh.
 11. Don Marsh completed the topographical survey.
 12. Met City staff on site to discuss how they would like the well house and well site designed.
 13. Prepared a preliminary house design and site layout for the City to review.
 14. EPD has concurred with the well site.
 15. GDOT has provided a verbal ok with the driveway (it does not fall under normal driveway permitting, it is a utility driveway.)
 16. Design is 80% complete.
 17. Plans have been submitted to EPD.
 18. Architect suggested using a hipped roof and painted split face block to complement the church.
 19. The architect provided architectural plans.
 20. GA Power was consulted regarding 480-volt 3 phase power.
 21. EPD reviewed the plans and issued comments.
 22. Parker Engineering answered the comments and resubmitted the plans to EPD.
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23. Electrical engineering design has been completed.
 24. EPD approved the plans.

Next Steps:

1. Bid the project.
2. Start new project on water main survey and design (10" or 12" to tank.)



B. Cromley Road Project

Accomplished:

1. Attended a TA Project kick off meeting with Lori Phillips, Mayor Grooms, Mayor Pro-tem Gwinnett, and the Atlas Consulting Group, who is GDOT's consulting firm that will manage the project. They questioned the City on why such a large amount of funding is required for stormwater improvements. I explained that in order to install sidewalks, drainage improvements are necessary. They said they would review the project and make sure that it meets their requirements for funding.
2. We received an email from Atlas stating that based on the information provided during the kick-off meeting the project is eligible to be funded.
3. Regarding my request for the City to keep the LMIG funds: I received an email from GDOT stating that our LMIG funds for Cromley have been decommissioned. I called the district grants coordinator to ask him to reconsider. I explained that the City of Brooklet has completed a substantial amount of engineering on the Cromley Street sidewalk and is counting on the grant money to pay for it. I also reminded them that GDOT originally agreed to help fund Gin Road but funded Cromley instead. I will keep you informed. We may need to get Rep. Tankersley to help with this.
4. Provided engineering drawings of Cromley Road prepared by Parker Engineering to Atlas Consulting for their use.
5. Prepared an invoice from Parker Engineering to pay for design work completed on Cromley.
6. Attended a meeting with the TAP's team to discuss what is needed for the preliminary engineering.
7. Contacted GDOT in Jesup regarding reimbursing the money the City paid towards engineering. Mr. Barwick suggested using that money as the City's match towards the TAP program. Mr. Barwick will contact ATLAS, who is GDOT's consultant on the TAP program.

8. Attended a September scoping meeting with the TAP team to discuss the project. Project scope items with GDOT's prime consultant and GDOT's Subject Matter Experts were held.
9. Mr. Barwick stated that Brooklet would not be reimbursed for engineering work.

Next Steps:

1. GDOT's Subject Matter Experts (consultants) to complete their studies.

C. Gin Road Project

Items Accomplished:

1. Project has been surveyed, designed, and permitted through GDOT, and constructed.
2. Contractor cleaned sediment out of pipes as requested.
3. Parker Engineering requested that the Contractor plant grass in the GDOT right-of-way.



4. Called Contractor again regarding grass. The Contractor stated that it had been planted.
5. Called Contractor regarding grass and cleaning out the sediment inside the storm pipe.
6. Called Contractor regarding grass and cleaning out the sediment inside the storm pipe.
7. Called Contractor regarding grass and cleaning out the sediment inside the storm pipe.

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8. Grassing has been completed.
 9. Contractor has turned in stormwater monitoring results.
 10. Project is completed.

D. Brooklet to Statesboro Sewer

Items Accomplished:

1. Matt Morris and Wesley Parker met with the Assistant City Manager and Utility Director of Statesboro to discuss capacity, rates, and service delivery.
 2. 80% of environmental report is complete.
 3. Parker Engineering has contacted the County trail engineer to ask him to provide plans of the trail.
 4. Met with Assistant City Manager to discuss rates.
 5. Matt Morris updated the financial model.
 6. Created first draft of environmental study which is a requirement of the grant.
 7. Submitted environmental study to EPD.
 8. Surveying has commenced.
 9. The sewer agreement (rates, terms, and conditions) between the City of Statesboro and the City of Brooklet has been approved by the City of Statesboro.
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10. Attended meeting with the City of Statesboro engineer and the City of Statesboro water/sewer department to discuss pipe sizes, meter locations, and forcemain locations. The City of Statesboro may want to make the last segment (from Five Points to termination) a 12-inch pipe instead of a 10-inch. This improvement would be paid for by Statesboro.
 11. Surveying is partially completed.

Next Steps:

1. Matt Morris, Hugh Hunter, and Nicky Gwinnett to finalize SDS boundaries.
2. Hugh Hunter to finalize easement agreement with County.
3. Finish survey.
4. Design.



E. Brooklet and Bulloch BOE Discussion

A meeting was held with Bulloch BOE personnel (Charles Wilson, Brad Boykin, and engineer Chris Shea) to discuss providing water and sewer to the proposed high school on the Brooklet-Denmark Road. Mayor Grooms, Nicky Gwinnett, and Wesley Parker attended this meeting.

Water - The City of Brooklet could not provide adequate fire protection to the new school without extensive and expensive improvements. The BOE could provide fire protection without using the City's water system by constructing tanks and pumps at the proposed school but this is an expensive endeavor as well. There may be an opportunity to work together to provide fire protection using the City's system. The BOE must first determine the cost of providing fire protection without using the City's system before evaluating their options.

Sewer – The BOE will require 11 acres to build a septic system at the new school. The two existing schools are also on a septic system. The BOE expressed an interest in pumping sewage from these three facilities to the proposed lift station near the Scout Hut. The schools would generate approximately 100,000 gallons per day. This would be immediate revenue for the City of Brooklet but this would use 1/3 of the sewage capacity allotted to the City of Brooklet by the City of Statesboro. Also, the forcemain from Brooklet to Statesboro is sized for 300,000 gallons per day. The BOE stated that they will prepare a cost estimate to provide on-site sewage treatment in order to evaluate their options.

F. Street Striping Project

Items Accomplished:

1. Prepared bidding documents for a City-wide striping project.
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Next Steps:

1. Bid the project on Thursday, August 14th.

G. State Economic and Infrastructure Development (SEID) Grant (Construct a 12-inch water main from Joiner Road to Cromley Road.)

Items Accomplished:

1. Selected a project: Upgrade a section of the water system from the water tank on Joiner to Cromley Road for the following reasons:
 - a. Provides fire protection to the Highway 80 commercial corridor including Bulloch Gin.
 - b. Improves fire flow to the schools.



- c. Provides more economical daily pumping from the downtown well to the elevated tank by reducing the friction loss associated with small diameter mains.
 2. Created a conceptual drawing.
 3. Created a cost estimate.
 4. Wrote a preliminary engineering report which describes the project and provides a narrative on why it deserves to be funded.
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Next Steps:

1. Submit the grant application.

- H. GEFA Grant for Lead Service Line Identification and Replacement (There is a state-wide requirement to inventory all water mains and water connections in an effort to identify where the lead service lines are.)

Items Accomplished:

1. Sent environmental review letters to crosscutter review agencies for State Environmental Review Process.
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Next Steps:

1. Once letters have been received, Parker Engineering will submit our State Environmental Review Submittal Package and submit our application for GEFA Lead Service Line Grant Program Pre-Application.

- I. 2023 Brooklet Street Improvements

Items Accomplished:

1. Conducted a site visit to evaluate street conditions and to determine appropriate improvements.
2. Prepared bidding documents for street improvements on Tara Boulevard, Church Street, Pinewood Street, Elm Street, Fern Street, Railroad Street, S. Cone Street, Warnock Street, Cromley Road, and Parker Street, which total approximately 2.7 miles of streets.

Next Steps:

1. Bid the project on September 14th.