

**BOARD STATUS REPORT
DECEMBER 13, 2022**

I. PROCUREMENT

A. Invitation for Bids. Liberty Road Stormwater Improvement Project.

Bids Opening December 14, 2022

B. Invitation for Bids. Indian Trail Stormwater Improvement Project.

Bids Opening January 11, 2023

II. PURCHASING

A. VENTURE MOTORS, INC. dba SCOTT EVANS \$35,538.00

Purchase order issued to Venture Motors, Inc. dba Scott Evans in the amount of \$35,538.00 to purchase a 2022 Ford Escape for the Chief Wastewater Plant Operator at Sweetwater Creek WWTP. A purchase order was originally issued to Allan Vigil Ford Lincoln, Inc. for a 2022 Ford Maverick, but the order was canceled by Ford.

B. LITHIA SPRINGS FORD, INC. \$36,864.00

Purchase order issued to Lithia Springs Ford, Inc. in the amount of \$36,864.00 to purchase a 2022 Ford Ranger XLT for the meter reading department to replace Vehicle #688 that was involved in an accident and was declared a total loss by the Insurance Company.

C. MARTIN MARIETTA MATERIALS, INC. \$40,000.00

Purchase order issued to Martin Marietta Materials, Inc. in the amount of \$40,000.00 for crushed stone materials needed for various water, sewer, stormwater projects and associated road repairs for the one-year period from January 1, 2023, to December 31, 2023.

D. AMERICAN CAST IRON PIPE COMPANY. \$41,580.00

Purchase order issue to American Cast Iron Pipe Company in the amount of \$41,580.00 to purchase 500 feet of 16-Inch Ductile Iron Pipe for the Stewart Mill/Reynolds Road Project.

E. BADGER METER, INC. \$48,640.00

Purchase order issued to Badger Meter, Inc. in the amount of \$48,640.00 to purchase 190 1-inch Combo E-Series Fire Rated Meter for Laurelwood (aka Reservoir Drive @ Arbor Place) Phase 1.

III. CONTRACTED PROJECT CONSTRUCTION

A. 36-Inch Pipeline Construction

Contractor: Unity Construction, Inc.
3941 Flint Hill Road
Powder Springs, GA 30127

Approved Purchase Order (Excluding C.O.)	\$	0.00
Change Orders (C.O.)	\$	0.00
Adjusted Purchase Order (including C.O.)	\$	0.00
Approved Payments on Contract to Date	\$	0.00
Balance Remaining on Adjusted Contract Price	\$	0.00

- No projects at this time.

B. 30-Inch Pipeline Construction

Contractor: Unity Construction, Inc.
3941 Flint Hill Road
Powder Springs, GA 30127

Approved Purchase Order (Excluding C.O.)	\$	0.00
Change Orders (C.O.)	\$	0.00
Adjusted Purchase Order (including C.O.)	\$	0.00
Approved Payments on Contract to Date	\$	0.00
Balance Remaining on Adjusted Contract Price	\$	0.00

- No projects at this time.

C. 20-Inch & 24-Inch Pipeline Construction

Contractor: Unity Construction, Inc.
3941 Flint Hill Road
Powder Springs, GA 30127

Approved Purchase Order (Excluding C.O.)	\$3,998,423.50
Change Orders (C.O.)	\$ 880,411.90
Adjusted Purchase Order (including C.O.)	\$4,878,835.40
Approved Payments on Contract to Date	\$ 320,540.54
Balance Remaining on Adjusted Contract Price	\$4,558,294.86

Lee Road 20" Water Line Improvement Project

Approved Contract Price (Excluding C.O.)	\$3,998,423.50
Change Orders (C.O.)	\$ 880,411.90

Adjusted Contract Price (including C.O.)	\$4,878,835.40
Approved Payments on Contract to Date	\$ 320,540.54
Balance Remaining on Adjusted Contract Price	\$4,558,294.86
% Paid on Contract to Date	7%
% Overall Project Completed	8%

- This project includes installation of 14,500 LF of 20” DIP water main, 1,600 LF of sewer main, and removal of existing 8” transite water main in conjunction with the Lee Road Widening Project.
- Construction is underway, and approximately 2,750 LF of 20” water main has been installed.

D. 16-Inch Pipeline Construction

Contractor: Unity Construction, Inc.
3941 Flint Hill Road
Powder Springs, GA 30127

Approved Purchase Order (Excluding C.O.)	\$ 0.00
Change Orders (C.O.)	\$ 0.00
Adjusted Purchase Order (including C.O.)	\$ 0.00
Approved Payments on Contract to Date	\$ 0.00
Balance Remaining on Adjusted Contract Price	\$ 0.00

- No projects at this time.

E. 12-Inch Pipeline Construction

Contractor: Unity Construction, Inc.
3941 Flint Hill Road
Powder Springs, GA 30127

Approved Purchase Order (Excluding C.O.)	\$3,350,764.00
Change Orders (C.O.)	\$ 0.00
Adjusted Purchase Order (including C.O.)	\$3,350,764.00
Approved Payments on Contract to Date	\$ 0.00
Balance Remaining on Adjusted Contract Price	\$3,350,764.00

North River Road Water and Sewer Improvements

Approved Contract Price (Excluding C.O.)	\$3,350,764.00
Change Orders (C.O.)	\$ 0.00
Adjusted Contract Price (including C.O.)	\$3,350,764.00
Approved Payments on Contract to Date	\$ 0.00
Balance Remaining on Adjusted Contract Price	\$3,350,764.00
% Paid of Estimated Cost to Date	0%
% Overall Project Completed	0%

- This project includes water and sewer improvements on North River Road to increase capacity and provide redundancy for the

development. WSA is constructing these improvements under a development agreement that includes private funding of 100% of the improvements.

- Construction is anticipated to begin April 2023 based on material delivery.

F. 8-Inch Pipeline Construction

Contractor: Unity Construction, Inc.
 3941 Flint Hill Road
 Powder Springs, GA 30127

Approved Purchase Order (Excluding C.O.)	\$2,577,795.00
Change Orders (C.O.)	\$ (81,369.60)
Adjusted Purchase Order (including C.O.)	\$2,496,425.40
Approved Payments on Contract to Date	\$2,127,993.75
Balance Remaining on Adjusted Contract Price	\$ 368,431.65

- No projects at this time.

G. 2-Inch Pipeline Construction

Contractor: RDJE Inc.
 7025 Best Friend Road
 Atlanta, GA 30340

Approved Purchase Order (Excluding C.O.)	\$ 0.00
Change Orders (C.O.)	\$ 0.00
Adjusted Purchase Order (including C.O.)	\$ 0.00
Approved Payments on Contract to Date	\$ 0.00
Balance Remaining on Adjusted Contract Price	\$ 0.00

- No projects at this time.

H. AMR/AMI System Project

Contractor: Itron, Inc.
 2111 N. Molter Road
 Liberty Lake, WA 99019

Approved Contract Price (Excluding C.O.)	\$6,348,403.20
Change Orders (C.O.)	\$1,407,431.71
Adjusted Contract Price (including C.O.)	\$7,755,934.91
Approved Payments on Contract to Date	\$7,755,834.91
Balance Remaining on Adjusted Contract Price	\$ 0.00
% Paid on Contract to date	100%
% Overall project completed	100%

- The read rate is 75.80% for fixed network reads, 22.60% for driveby reads and 1.60% for keyed reads. Per the Network Administration Application (the prior way this was reported), the read rate is 88.77% this month. Itron anticipated that the

read rate should be 84% when the project was completed. This is 2% greater than their contractual obligation. WSA is looking into a potential discrepancy in the read rate calculation and is working with Itron to resolve the issue to ensure the contractual obligation is met. Evaluations are ongoing and are currently delayed due to equipment shortages in receiving repaired collector units.

I. Capps Ferry Lift Station and Focre Main Project

Contractor: Legacy Water Group, LLC
 10130 Bob Williams Parkway
 Covington, GA 30014

Approved Contract Price (Excluding C.O.)	\$ 2,313,122.00
Change Orders (C.O.)	\$ (21,300.00)
Adjusted Contract Price (including C.O.)	\$ 2,125,235.65
Approved Payments on Contract to Date	\$ 2,125,234.65
Balance Remaining on Adjusted Contract Price	\$ 166,587.35
% Paid on Contract to date	93%
% Overall project completed	99%

- The project includes installation of a regional lift station and approximately 8,000 linear feet of 12-inch HDPE force main and approximately 9,000 linear feet of 16-inch HDPE force main to provide sewer access to the Capps Ferry region of the country.
- This project is complete except for punch list items, including replacement of some generator components that were found to be undersized.

J. Southside Force Main Rehabilitation Phase 1

Contractor: RDJE, Inc.
 679 Hwy 29 S, Suite A
 Newnan GA 30263

Approved Contract Price (Excluding C.O.)	\$1,692,145.00
Change Orders (C.O.)	\$ 106,120.00
Adjusted Contract Price (including C.O.)	\$1,798,265.00
Approved Payments on Contract to Date	\$1,057,763.77
Balance Remaining on Adjusted Contract Price	\$ 740,501.23
% Paid on Contract to Date	59%
% Overall Project Completed	75%

- This project includes rehabilitation of 4,000 LF of 24” DIP force main that has been degraded by hydrogen sulfide gas along Anneewakee Road between Chapel Hill Road and Simon Road.
- Construction is underway with approximately 3,300 LF installed.

K. Cobb Sewer Connection Project

Contractor: Ruby-Collins, Inc.
4875 Martin Court SE
Smyrna, GA 30082

Approved Contract Price (Excluding C.O.)	\$6,407,915.00
Change Orders (C.O.)	\$ 22,422.79
Adjusted Contract Price (including C.O.)	\$6,430,337.79
Approved Payments on Contract to Date	\$1,461,296.79
Balance Remaining on Adjusted Contract Price	\$4,969,041.00
% Paid on Contract to date	23%
% Overall project completed	35%

- This project includes improvements at the Blairs Bridge Lift Station and installation of 11,600 LF of 16-inch HDPE force main to divert up to 3.615 MGD of sewer flow into Cobb County’s sewer system.
- Construction is underway with approximately 5,500 LF installed.
- The jack and bore under Thornton Road is completed.

L. Church Street & Jesse Davis Park Water and Sewer Rehabilitation Project

Contractor: RDJE, Inc.
679 Hwy 29 S, Suite A
Newnan GA 30263

Approved Contract Price (Excluding C.O.)	\$1,278,425.00
Change Orders (C.O.)	\$ 0.00
Adjusted Contract Price (including C.O.)	\$1,278,425.00
Approved Payments on Contract to Date	\$ 861,138.00
Balance Remaining on Adjusted Contract Price	\$ 417,287.00
% Paid on Contract to Date	67%
% Overall Project Completed	95%

- This project includes rehabilitation of sanitary sewer lines and renewal of sewer services on Church Street and through Jessie Davis Park using pipe bursting technology. Work will include approximately 3,810 LF and 1,350 LF, respectively, grouted into existing manholes. Work will also include renewal of water services on Church Street.
- This project is complete except for some additional miscellaneous tie-ins and valve replacements WSA requested the contractor to perform, which are being addressed in a final adjusting change order being processed.

M. New Administrative Building and Renovation to the Existing Building

Contractor: Hogan Construction Group, LLC.
5075 Avalon Ridge Parkway
Norcross GA 30071

Approved Contract Price (Excluding C.O.)	\$6,498,270.00
Change Orders (C.O.)	\$ 0.00
Adjusted Contract Price (including C.O.)	\$6,498,270.00
Approved Payments on Contract to Date	\$ 540,210.01
Balance Remaining on Adjusted Contract Price	\$5,958,059.99
% Paid on Contract to Date	8%
% Overall Project Completed	15%

- This project includes design-build construction of an addition to the Administrative Building and renovation to portions of the existing building. The addition will be approximately 16,000 SF, consisting of two floors with only the first floor finished as part of this project.
- This project is currently in design stage, with final design underway.
- This project is expected to be complete by September 30, 2023.

N. Northside WWTP Improvements

Contractor: SOL Construction LLC
4120 Presidential Parkway Suite 115
Atlanta Ga., 30340

Approved Contract Price (Excluding C.O.)	\$ 525,000.00
Change Orders (C.O.)	\$ 0.00
Adjusted Contract Price (including C.O.)	\$ 525,000.00
Approved Payments on Contract to Date	\$ 0.00
Balance Remaining on Adjusted Contract Price	\$ 525,000.00
% Paid on Contract to Date	0%
% Overall Project Completed	5%

- This project includes demolition of existing aeration basin bridges, installation of new bridges and aerators, and construction of a new weir gate in the RAS splitter box.
- Demolition of the bridge in the first aeration basin is complete.
- Demolition of the bridge in the second aeration basin is underway.
- This project is expected to be completed by July 31, 2022.

O. Justine Terrace Stormwater Improvement Project

Contractor: Wilson Construction Management, LLC
6365 McDonough Drive NW
Norcross, GA 30093

Approved Contract Price (Excluding C.O.)	\$665,000.00
--	--------------

Change Orders (C.O.)	\$ 0.00
Adjusted Contract Price (including C.O.)	\$665,000.00
Approved Payments on Contract to Date	\$134,375.58
Balance Remaining on Adjusted Contract Price	\$530,624.42
% Paid on Contract to Date	20%
% Overall Project Completed	20%

- This project includes replacement of several hundred linear feet of pipe system consisting of 30”, 36”, and 48” corrugated metal pipe (CMP) with 48” and 54” reinforced concrete pipe (RCP) and 45”x73” Arch (RCP).
- Construction is under way and the contractor is coordinating relocation of existing utilities that conflict with the proposed improvements.
- This project is expected to be completed by February 17, 2023.

P. Whisper Trail Stormwater Improvement Project

Contractor: RDJE, INC.
679 Hwy 29 S, Suite A
Newnan, GA 30263

Approved Contract Price (Excluding C.O.)	\$364,910.00
Change Orders (C.O.)	\$ 0.00
Adjusted Contract Price (including C.O.)	\$364,910.00
Approved Payments on Contract to Date	\$ 0.00
Balance Remaining on Adjusted Contract Price	\$364,910.00
% Paid on Contract to Date	0%
% Overall Project Completed	5%

- This project includes replacement of 100 linear feet (LF) of 24” corrugated metal pipe (CMP) with 60” reinforced concrete pipe (RCP).
- Construction is under way and the contractor is coordinating relocation of existing utilities that conflict with the proposed improvements.
- This project is expected to be complete by February 20, 2023.

Q. Cool Water Drive Stormwater Improvement Project

Contractor: The Corbett Group, LLC
13201 Veterans Memorial Hwy
Douglasville, GA 30134

Approved Contract Price (Excluding C.O.)	\$545,000.00
Change Orders (C.O.)	\$ 0.00
Adjusted Contract Price (including C.O.)	\$545,000.00
Approved Payments on Contract to Date	\$ 0.00
Balance Remaining on Adjusted Contract Price	\$545,000.00
% Paid on Contract to Date	0%
% Overall Project Completed	0%

- This project includes replacement of 189 linear feet (LF) of 42” corrugated metal pipe (CMP) with 60” reinforced concrete pipe (RCP).
- A pre-construction meeting was held on November 9, 2022, and construction is expected to begin on January 3, 2023 pending delivery of materials.
- This project is expected to be complete by April 21, 2023.

R. Plantation Drive Stormwater Improvement Project

Contractor: The Corbett Group, LLC
 13201 Veterans Memorial Hwy
 Douglasville, GA 30134

Approved Contract Price (Excluding C.O.)	\$704,000.00
Change Orders (C.O.)	\$ 0.00
Adjusted Contract Price (including C.O.)	\$704,000.00
Approved Payments on Contract to Date	\$ 0.00
Balance Remaining on Adjusted Contract Price	\$704,000.00
% Paid on Contract to Date	0%
% Overall Project Completed	0%

- The project includes replacement of approximately 138 linear feet (LF) of 42” corrugated metal pipe (CMP) with 176 LF of 8x4 reinforced concrete box culvert.
- A pre-construction meeting was held on December 8, 2022, and the Notice to Proceed date is being negotiated with the contractor based on material availability.

S. Chestnut Place Stormwater Improvement Project

Contractor: Site Engineering, Inc.
 7025 Best Friend Road
 Atlanta, GA 30340

Approved Contract Price (Excluding C.O.)	\$473,660.00
Change Orders (C.O.)	\$ 0.00
Adjusted Contract Price (including C.O.)	\$473,660.00
Approved Payments on Contract to Date	\$ 0.00
Balance Remaining on Adjusted Contract Price	\$473,660.00
% Paid on Contract to Date	0%
% Overall Project Completed	0%

- This project includes replacement of 36” corrugated metal pipe (CMP) and 48” CMP with approximately 188 linear feet (LF) of 60” reinforced concrete pipe (RCP).
- A pre-construction meeting is being coordinated.

IV. DIVISIONAL STATUS REPORTS

A. Water Operations

1. One of the Water Operations Division's Fiscal Year goals is to maintain direct water treatment costs below \$750 per million gallons. For Fiscal Year 2023 (through August 2022), direct cost was \$778 per million gallons. Significant increases in chemical prices, above what was budgeted, is the main contributor to the overage. These numbers are through August 2022 which were reported last month; the most recent numbers are not available due to year end closeout.
2. From November 7, 2022 – December 4, 2022, the Bear Creek Water Treatment Plant operated at 49% of its capacity.
3. The Authority has received renewed withdrawal permits from the Environmental Protection Division (EPD) for both Dog River and Bear Creek reservoirs. The permits expire in ten years.
4. Results from quarterly samples for disinfection byproduct have been received. Location running annual averages (LRAA) for both Trihalometahanes (THM) and Haloacetic Acids (HAA) remain below regulatory requirements.
5. The Authority has received a two-year extension to its monitoring wavier for Synthetic Organic Chemicals (SOC), Asbestos and Cyanide. A monitoring waiver can be issued by the Environmental Protection Division (EPD) when previous testing indicates continued compliance, and the water system is not considered to be at high risk for the waived contaminants

B. Wastewater Operations

1. One of the Wastewater Operations Division's Fiscal Year 2023 goals is to maintain the average direct wastewater treatment costs below \$1,950 per million gallons. For Fiscal year 2023 the average direct costs were \$2,146 per million gallons. These numbers are through August 2022 which were reported last month; the most recent numbers are not available due to year end closeout.
2. The South Central Wastewater Laboratory recently received the Laboratory Quality Assurance Quality Control Gold Award from the Georgia Association of Water Professionals (GAWP). The award was presented at the GAWP Fall Conference in Jekyll Island on November 15th. This is the second consecutive year the lab has received the Gold Award.

C. Maintenance

1. During the period of November 5, 2022, to December 4, 2022, the Maintenance group completed 370 service orders (goal is 600). There are currently 268 open service orders in the work order system (goal is under 550) assigned to Maintenance.

2. The Sewer Crews responded to 7 sewer back-ups; 6 were on the customer's side, one was on WSA's side. No damage and no spills were reported.
3. The Leak Detection Crew surveyed a total of 67,172 feet (monthly goal is 88,000 feet) of water line on Thornton Road, Factory Shoals Road, and Riverside Parkway. Two main leaks, three service leaks, no hydrant leaks, no valve leaks and no meter leaks were found. Total estimated water lost was 17,280 gallons per day. No hydrant inspections were completed. All repairs have been made.
4. The I&I Crew is not currently staffed. No new encroachments were documented this month. To date, 720 encroachments have been identified and 436 have been closed out.
5. The TV Crew inspected 1,200 ft of sewer line by TV camera. A total of 27,000 feet of SLRAT inspection was completed in South Central Basins. Additionally, they verified 4 laterals for sewer backups by TV inspection and assisted in the Southside force main cleanup and landscapes.
6. The Vac Truck assigned to lift stations cleaned 25 lift stations. In addition, this crew had 5 days of dumping screenings at the plants due to the garbage truck being out of service and one day to clean the Sidestream screens. This crew also completed 2 hydro excavations for water.
7. The Vac Truck Crew assigned to sanitary sewer mains cleaned 5,100 feet of sewer mains, and 11 lift stations. This Crew also cleaned Northside Water Pollution Control Plant.
8. Right-of-way Crew # 1 assisted with digging test pits on Southside force main and with the emergency repair that was recently discovered. Right-of-way Crew #2 has been working on the Rebel Trails Abandonment Project. They have installed the new force main and most of the new gravity sewer. The lift station area has been prepared and the wetwell should be arriving December 12th. Clearing cleanup and debris haul off is currently underway.
9. The Manhole Repair Crew rehabilitated 28 manholes.
10. The Air Release Valve (ARV) Crew inspected no ARV's. This crew has been on the Southside force main test project digging test pits for Hazen. To date 20 locations have been tested, and the testing is now complete. This Crew also has been working on the emergency repair of Southside force main.
11. The Valve and Hydrant Crew inspected 76 fire hydrants and 0 valves.
12. The Maintenance Group received two awards at the Georgia Association of Water Professionals Fall Conference. The Distribution and Collections Systems both received a Platinum Award for operation and maintenance.

D. Construction

1. Construction crews have completed installation of the new residential meters for the AMR/AMI project. This month 58 customer side valves were installed, for a total of 579 of the approximate 4,000 that were not installed at the beginning of the project. Two commercial meters were completed this month; crews have installed 60 out of 73 remaining commercial meters.
2. The Construction Crew has completed the project to install approximately 1,500 feet of 2" West Liberty Road.
3. The Construction Crew has started a project to replace the 2" galvanized water line on Adair Street between Church Street and Spring Street. This project is approximately 90% complete.
4. A purchase order was issued to RDJE, Inc. to replace 20 fire hydrants under the Fiscal Year 2023 Hydrant Replacement program. This project is 0% complete.

E. Stormwater

1. WSA has completed replacing the corrugated metal pipe (CMP) with reinforced concrete pipe (RCP) in seven of the eight subdivisions addressed by WSA's Intergovernmental Agreement with Douglas County for subdivisions that do not have final plats approved. The completed subdivisions addressed include Beulah Ridge, Palmer Falls, Groover's Lake, Covered Bridge, Holly Springs, Grove Park, Winchester Farms. WSA plans to hire a contractor to replace the pipe in the Polk Place subdivision once the developer confirms the intent to build the subdivision as originally planned.

F. General Services

1. On November 22nd, a representative from WSA's insurance broker NFP assisted with open enrollment for employees who had life changing events or wanted to switch to the high deductible (HSA) coverage. 18 employees switched to HSA.

G. Public Relations

1. In mid-November, Maintenance Manager Chip Butts and Wastewater Operations Manager Keith Higgs both presented at GAWP's Fall Conference at Jekyll Island, Georgia. Mr. Higgs gave a presentation on WSA's wastewater plant aeration upgrades while Mr. Butts presented on the last 10 years of challenges with ductile iron gravity and forcemain sewer lines and how WSA's standards and procedures have been updated to rectify those issues.
2. On December 2nd, 27 employees came out to volunteer in the downtown Douglasville Christmas parade as part of the WSA "float." Two lighted vaccon units and the WSA model water tower paraded down Church Street to welcome the holidays to Douglasville and also to remind our citizens to be cognizant of

not dumping fats, oils, and greases down the drain. Employees gave out over 200 pan scrappers and 80 pounds of candy to the festive crowd of on-lookers.

H. Finance

1. The Authority's Fiscal Year 2022 close out is continuing, with finalizing information into the Annual Comprehensive Financial Report (ACFR) underway and expected to be presented to the Board at the December 13, 2022 meeting.
2. A 5% water and sewer rate increase went into effect December 1, 2022. A notice was placed on the water bills. Stormwater rates remain unchanged.
3. The Low Income Household Water Assistance Program (LIHWAP), that is being coordinated through the Tallatoona Community Action Agency, began its second year of providing assistance for a total of \$272,185.67. This went towards paying balances for 601 WSA families.

I. Dog River

1. From November 7 – December 5, 2022, the Recreational Complex had the following attendance:
 - Total attendance = 28
 - Paying guests= 11
 - Free admissions = 5 (<12 years old)
 - Season pass holders = 12
 - Total Boat Launches = 16
 - Rentals = 3
 - Private boats = 13
 - Season Passes
 - Annual Passes = 100
 - Boat passes = 82
2. The Complex closed for the season at the end of the day on Saturday, November 19th. Letters were mailed to all 100 season pass holders thanking them for their business. Season pass holders will still be able to access the Complex during normal business hours.