



ANNUAL BUDGET

FISCAL YEAR 2022-2023



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September 1, 2022

Board of Public Works
Marshall Municipal Utilities
Marshall, MO 65340

Gentlemen:

The proposed 2022-2023 Budget for Water, Electric, IT & Broadband, Wastewater, and Natural Gas Departments of Marshall Municipal Utilities is hereby submitted for your consideration. As presented, the budget doesn't reflect any changes to rates in any department, however we are looking at going to Time-Of-Use electric rates for residential and commercial customers by summer of 2023.

Marshall Municipal Utilities operating revenue and other income of \$30,832,100 is based on minimum growth in all departments except IT & Broadband, where an increase is projected due to the expansion of our highspeed fiber to Saline County. MMU's operating expense, less depreciation, is projected to total \$28,169,689 with capital improvements of \$7,744,500. A decrease in working capital is projected for all departments, except electric. A 7.53 % increase in wholesale power is forecasted for fiscal year 2023, due to an increase in the cost of natural gas.

The budget includes several significant capital expenditure items:

- Filter Media Replacement of filters #2, #4, and #5 at the Water Treatment Plant.
- Water Treatment Plant System Study.
- Begin construction of North Street Pump Station improvements.
- Water Main Replacement at Park Ave.
- Beginning phase of Miami #1 Substation Transformer & Switchgear Replacement.
- Continued expansion of fiber to the home availability, including rural areas outside the City of Marshall into Saline County through USDA funding.
- Completion of the Aeration Basins and Final Clarifiers.

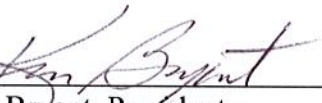
Also included for each department is a list of future improvements needed, including cost estimates and the year anticipated. This information is especially important when projects span multiple years and budgets. It also provides a much broader view of the financial health and requirements of each department over a longer period of time.

This budget reflects our best estimates as to revenues and expenses for the next year. As always, there will be issues that arise that were not anticipated. We will need to closely monitor the finances of each department as we move forward, not only considering the impact on this budget year, but future budgets as well.

Respectfully submitted,

/s/ 
Jeff Bergstrom
General Manager

By action at its 9/1/2022 meeting, the
Board of Public Works recommends approval
_____ of the 2022-2023 Budget.

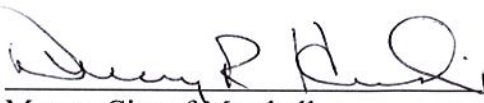
/s/ 
Ken Bryant, President
Date 9/1/2022

Attest:

/s/ 
Secretary (or other title)

Date 9/1/2022

Approved by the City Council of the
City of Marshall by Ord. # 8700


Mayor, City of Marshall
Date 09/20/2022

Attest:

/s/ 
City Clerk, City of Marshall

Date 09/20/2022

ORDINANCE NO. # 8700

AN ORDINANCE OF THE CITY OF MARSHALL, MISSOURI, APPROVING THE ANNUAL OPERATING BUDGET FOR THE CITY'S BOARD OF PUBLIC WORKS.

WHEREAS, the City of Marshall's Board of Public Works ("Board") has prepared and submitted to the City Council a proposed budget for the coming fiscal year beginning October 1, 2022, and ending September 30, 2023;

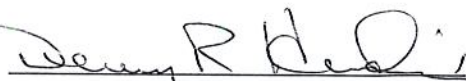
WHEREAS, the City's Code of Ordinances require the City Council to approve the Board's annual budget.

NOW THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF MARSHALL, MISSOURI:

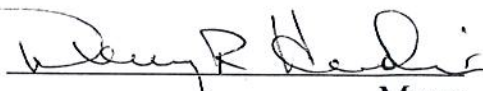
Section 1. The proposed budget of the City's Board of Public Works for the fiscal year beginning October 1, 2022, and ending September 30, 2023, which has been approved by the Board of Public Works, shall be deemed to be an appropriation of the money authorized for disbursement thereby and is hereby approved by City Council.

Section 2. This ordinance shall be in force and take effect from and after its passage and approval.


PASSED by the Council of the City of Marshall, Missouri, this 19th day of Sept., 2022.


President of City Council

APPROVED by the Mayor this 19th day of Sept., 2022.


Mayor

FILED this 19th day of Sept., 2022.


City Clerk

Marshall Municipal Utilities

BOARD OF PUBLIC WORKS

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Steve Mills,	Vice President
Spencer Fricke,	Secretary
Chuck Hines,	Member

MARSHALL CITY COUNCIL

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Drew Green,	Ward I
Tim Reeder,	Ward II
Robert Ashford,	Ward II
Dan Brandt,	Ward III
Charles Guthrey,	Ward III
Craig Thompson,	Ward IV
Steve Cook,	Ward IV

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Jeff Bergstrom,	General Manager
Megan Baldridge,	Human Resources
Tony Bersano,	Controller
Carl Crawford,	Electric Production
Doug Root,	Electric Distribution
Jim Widel,	IT & Broadband
Grant Piper,	Underground Facilities
Nolan Townsend,	Wastewater Treatment
Travis Boss,	Water Treatment

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WATER TREATMENT PLANT	
Major Capital Improvements	
Replace Zero-Turn Mower	\$ 25,000
Replace Filter Effluent Valves and Actuators 16"	70,000
Replace Exterior Doors	77,000
Replace Lime Feed Trough	18,000
Replace Truck 207	47,500
Filter Media Replacement	195,000
Water Treatment Plant System Study	120,000
Recurring Capital Improvements	
Well Treatment & Maintenance	55,000
Total	\$ 607,500

Replace Zero-Turn Mower**Budget:** \$25,000

Purpose: The original mower was purchased in 2017. This mower is used exclusively at the Water Treatment Plant where it's used to mow the grounds, well lots, and lagoon areas.

Duration: Anticipated completion in 2023

Replace Filter Effluent Valves and Actuators 16" (Carryover 2021)**Budget:** \$70,000

Purpose: The filter effluent valves are leaking and will no longer completely seal. The valves are allowing water to continue to flow out of the filters.

Duration: Anticipated completion in 2023

Replace Exterior Doors (Bids Rejected 2021)**Budget:** \$77,000

Purpose: Multiple exterior doors and door frames have deteriorated and need to be replaced. The project will consist of replacing eight doors, (4 double doors & 4 single doors) on the original water treatment plant building. One single door on the disinfection building and one single door on the #3 sludge pump building. The original bid that was rejected was for doors and included installation. We are looking at in house labor for installation, which should reduce the cost significantly.

Duration: Anticipated completion in 2023

Replace Lime Feed Trough**Budget:** \$18,000

Purpose: The current metal trough has deteriorated over the years and is in need of replacement.

Duration: Anticipated completion in 2023

Replace Truck 207 (Carryover 2021)**Budget:** \$47,500**Purpose:** The truck is a 2005 Ford F-250, 3/4-ton 4x2 pick-up. We would like to replace this truck with a 3/4-ton 4x4 pick-up.**Duration:** Anticipated purchase in 2023**Filter Media Replacement****Budget:** \$195,000**Purpose:** The Water Treatment Plant has five multi-media filters. Filters #1 & #2 are from the original plant construction and have only been cleaned in 2011. Filter #3 is from the 1963 expansion and was cleaned in 2011. Filters #4 & #5 were added in 1977 and the media was replaced in 2011. Media was replaced on filters #1 & #3 in 2022. We plan to replace the media on filters #2, #4, and #5 in 2023.**Duration:** Anticipated completion in 2023**Water Treatment Plant System Study****Budget:** \$120,000**Purpose:** We would like to request RFQ's on providing a system study on our Water Treatment Plant. This study would provide a detailed outlook of our Water Treatment Plant and help identify possible issues that need to be addressed in the near and long-term future. Similar to other departments this plan would be reviewed every five years to maintain its accuracy and update costs due to inflation.**Duration:** Anticipated completion in 2023**Well Treatment & Maintenance****Budget:** \$55,000**Purpose:** We will treat five wells and pull two for inspection and repair. This project has lengthened the life of our wells and maintained the product of said wells at almost new levels.**Duration:** Annually

WATER DISTRIBUTION	
Major Capital Improvements	
Repaint Water Tower Wet Interior	\$ 160,000
North Street Pump Station	500,000
Remove Number Two Reservoir	130,000
Replace Vacuum Excavator	125,000
Replace Truck #201	60,000
Park Ave, Sand Hollow to Vest 12" Water Main Replacement *	250,000
Owners Supervised Plan	35,000
LED Lighting for the Underground Facilities Office	20,000
Replace Zero-Turn Mower	25,000
North Lincoln 6" Water Main Replacement *	35,000
Total	\$ 1,340,000

Repaint Water Tower Wet Interior (Carryover 2021)
Budget: \$160,000

Purpose: The tower was drained, cleaned, and inspected in 2017. All repairs were made and the coating was touched up. Upon inspection it was recommended the interior be sand blasted and recoated in the next few years. The tank would be cleaned, inspected, and recoated by an outside contractor.

Duration: Anticipated completion in 2023

North Street Pump Station
Budget: \$500,000

Purpose: Burns & McDonnell was selected as the Engineer for this project in March 2021. The pump station was constructed in 1945 and has been operating on a daily basis. It can operate alone or with Miami Pump station. The last renovation of pumps, motors, air system, and electrical controls was in 1989.

Duration: Ongoing

Remove Number Two Reservoir (Carryover 2020)
Budget: \$130,000

Purpose: This reservoir has severe deterioration to the concrete ceiling/roof. With the THM reduction improvements complete, the number two reservoir should be taken out of service.

Duration: Anticipated completion in 2023

Replace Vacuum Excavator (Carryover 2021)
Budget: \$125,000

Purpose: The current unit is a 2008 model with 1,116 hours. This is the oldest of two machines and is starting to have mechanical and structural issues. The old unit would be traded or sold out right.

Duration: Anticipated purchase in 2023

Replace Truck 201
Budget: \$60,000

Purpose: The truck is a 2009 Ford F-150 4x4. We would like to replace this truck with a similar 4x4 model.

Duration: Anticipated purchase in 2023

Park Ave, Sand Hollow to Vest 12" Water Main Replacement (Carryover 2022) ***Budget:** \$250,000

Purpose: This 12" water main was installed in 1971 from East Eastwood St, going south to the bottom of the hill in the Sand Hollow area. This project will extend the original water main with a new 12" water main, continuing south to East Vest St. This will provide a two-way feed to customers on N. Park Ave, and the east end of Eastwood St. This will also eliminate a dead end and improve flows throughout the area.

Duration: Anticipated completion in 2023**Owners Supervised Plan****Budget:** \$35,000

Purpose: This is a plan on water system improvements and is required by MODNR to be updated every 5 years. The last owner supervised plan was completed in 2018. We will send out RFQ's for engineering assistance.

Duration: Anticipated completion in 2023**LED Lights for Underground Facilities Office****Budget:** \$20,000

Purpose: This will upgrade the current fluorescent lighting to LED, which will result in energy cost savings.

Duration: Anticipated completion in 2023**Replace Zero-Turn Mower****Budget:** \$25,000

Purpose: The current mower is a 2019 model with over 1,200 engine hours. The unit is showing signs of wear. It will be replaced with a similar model with the old unit being sold.

Duration: Anticipated completion in 2023**North Lincoln Water Main Replacement from Slater to State *****Budget:** \$35,000

Purpose: This 6" cast iron main on North Lincoln was installed in 1953 and has failed several times. In recent years, new 6" PVC would be installed and services connected.

Duration: Anticipated completion in 2023

* These projects have been submitted for ARPA funding, which will be announced in October 2022.

ELECTRIC PRODUCTION		
Major Capital Improvements		
Cover Over Loading Dock	\$	30,000
NESHAP RICE Testing Units 10 & 11		10,000
Truck Scale **		92,000
Glass Crusher **		18,000
Storm Shelter		5,000
Unit #10 and #11 Circulating Water Pumps		80,000
Concrete at Recycle Center		36,000
Total	\$	271,000

Cover Over Loading Dock (Carryover 2020)**Budget:** \$30,000

Purpose: The loading dock sits on an incline and is outdoors and exposed to the elements. During rain and winter weather there is an issue with the dock becoming very slick. This is problematic operating the forklift on this surface. Covering this area would significantly improve safety while loading and unloading trailers in these conditions.

Duration: Anticipated completion in 2023**NESHAP RICE Testing Units 10 & 11****Budget:** \$10,000

Purpose: This testing is required every 3 years for our reciprocating internal combustion engine generators. Units #10 and #11 will be due for testing in November of 2023. A letter of intent to test must be sent out 60 days in advance.

Duration: Anticipated completion in 2023**Truck Scale (Carryover 2022) ******Budget:** \$92,000

Purpose: This scale was installed in 1996, and over the years the concrete pedestals which provide support for the load cells and scale have started developing several cracks in the concrete. We will need to either replace the entire scale or try to repair what is there. This scale is used primarily by the City of Marshall's Municipal Services for the weighing of the trash trucks. This budget is for a new scale using outside contractors for installation.

Duration: Anticipated completion in 2023**Glass Crusher ******Budget:** \$18,000

Purpose: The glass crusher at the recycle center was purchased in 1996 and has been structurally repaired many times, over the years. This equipment does qualify for the 85/15 Grant from Region F Solid Waste Management District.

Duration: Anticipated completion in 2023

Storm Shelter**Budget:** \$5,000

Purpose: The current Electric Production building is a metal building with no shelter in the event of a storm. This shelter would be a concrete vault half above ground and half below for a safe room in such an event. There is always at least one person in the building 24 hours a day, seven days a week.

Duration: Anticipated completion in 2023

Unit #10 and #11 Circulating Water Pumps**Budget:** \$80,000

Purpose: There are a total of four circulating water pumps on these units, two per unit. These pumps have been in service since 1989 and 1992. Over the years of use we are experiencing reduced output and need to be refurbished. This would be accomplished by sending in one from each unit at a time. The vertical motors will be sent in for cleaning and reconditioning as necessary.

Duration: Anticipated completion in 2023

Concrete at Recycle Center**Budget:** \$36,000

Purpose: There are areas of gravel at the recycle center that can be problematic when wet/muddy while going from one building to the other. Putting concrete in this area would greatly improve operations of equipment. Concreting and extending to the street area where tractor trailers pull in to back up to the dock would also improve operations and increase safety by keeping these trucks out of the area where the public traffic travels.

Duration: Anticipated completion in 2023

**** These projects have been accepted for Region F Solid Waste Funding 85/15.**

ELECTRIC DISTRIBUTION		
Major Capital Improvements		
SE Substation New Transformer and 15kV switchgear	\$	250,000
Miami #1 Substation Transformer & Switchgear Replacement		250,000
Pole Inspections		30,000
Convert Overhead in Walkway Easements to Underground		150,000
Replace Truck 318		50,000
Replace Truck 329		70,000
Contract Tree Trimming/Brush Spraying		150,000
Replace Greenlee Pipe Bender		8,000
Replace Truck 305 - <i>Estimated delivery 2026</i>		310,000
Replace Ditch Witch Mini Skid 333		65,000
LED Lighting Electric Distribution Office		23,000
West Substation Relay and Breaker Testing		30,000
Total	\$	1,386,000

SE Substation New Transformer and 15kV switchgear**Budget:** \$250,000

Purpose: The Southeast Substation power transformer and medium voltage switchgear were installed in 1976. They are both reaching the end of their expected service life. This was identified in our 2017 Electric System Study by LD&B. We have discussed with LD&B and have decided the best option would be to add a second transformer and replace the existing gear. The cost to add a second unit would not be much higher than replacing the existing transformer and would add some benefits. This is an ongoing project that began in October 2021 with the installation of concrete foundations for the transformer, circuit switchgear and breakers were taken out of service and wrecked out in January 2022. The new 15kV switchgear was energized and put back in service March of 2022. The circuit switcher is scheduled to be delivered in August 2022 and the general installation material is on order with delivery late August 2022.

Duration: Ongoing**Miami #1 Substation Transformer & Switchgear Replacement****Budget:** \$250,000

Purpose: Miami #1 Substation has a 161 kV circuit switchgear, a 15/20/25 MVA transformer, a grounding transformer, and 15 kV metal clad switchgear lineup with nine 15kV breakers and an auxiliary switch to feed units 10 & 11 house power. Miami #1 was put into service in 1985. In 2002, the protective relays were all replaced with microprocessor relays to improve protection. In 2003 Miami #1 suffered a fault that damaged two cubicles of the switchgear lineup and had to be taken out of service several weeks for repairs. We would like to replace the circuit switcher, transformer, grounding transformer. 15kV switchgear and breakers. This would be an ongoing project; material could take two to three years to be delivered.

Duration: Anticipated completion in 2025**Pole Inspections****Budget:** \$30,000

Purpose: MMU has 6,548 poles in its system. We started a wood pole inspection program in 2013 to identify poles that no longer meet strength requirements and create safety and/or reliability problems. The second round of pole inspections was completed in 2017. These inspections are recommended every 10 years with the next cycle beginning in 2023.

Duration: Anticipated completion in 2023

Convert Overhead in Walkway Easements to Underground**Budget:** \$150,000

Purpose: This is a long-term project to convert single-phase overhead lines in walkway easements to underground. These lines are difficult to access, and cost more to maintain than overhead lines on the street and are a major tree trimming burden. Converting these lines to underground lowers future maintenance costs and eliminates the tree trimming burden and increases reliability.

Duration: Ongoing**Replace Truck #318****Budget:** \$50,000

Purpose: This truck is a 2005 half ton pickup with approximately 50,000 miles. It's used daily by the Electric Distribution Master Electrician. We would like to replace this unit with a similar unit.

Duration: Anticipated purchase in 2023**Replace Truck #329****Budget:** \$70,000

Purpose: This truck is a 2008 one-ton flatbed with approximately 76,000 miles. It's used daily by the Electric Distribution Foreman. We would like to replace this unit with a similar unit.

Duration: Anticipated purchase in 2023**Contract Tree Trimming/Brush Spraying****Budget:** \$150,000

Purpose: MMU currently has a three-year contract with Poor Boy Tree Service Inc. through 2023. We plan to continue concentrating on three phase distribution lines along the streets with single phase along the streets and backyards. We would also like to continue focusing on areas that need sprayed for trees and brush. These areas are very difficult to access and mow.

Duration: Anticipated completion in 2023**Replace Greenlee Pipe Bender (Carryover 2021)****Budget:** \$8,000

Purpose: It's becoming more difficult to make precise bends with our electric conduit bender. This results in additional time and material to complete projects. We have also experienced problems with conduit deformation on some bends. Replacement of this unit would need to be done if we have a large project that uses in-house labor.

Duration: Anticipated purchase in 2023**Replace Truck 305****Budget:** \$310,000

Purpose: This truck is a 2010 Altec 55' bucket truck with approximately 30,000 miles and 6,400 engine hours which equates to 192,000 miles. We would like to replace with a similar unit. With lead times and material shortages the expected delivery time if ordered in 2022 would be 2026/2027.

Duration: Anticipated completion in 2026

ELECTRIC DISTRIBUTION (Cont.)**Replace Ditch Witch Mini Skid 333****Budget:** \$65,000

Purpose: This unit is a 2010 Ditch Witch SK650 mini skid; it's used by the Electric Distribution crews and the IT & Broadband Department. It's used heavily on the overhead to underground projects, trenching, digging exit pits. It is also used in the winter for snow removal. We would like to replace this unit with a new unit and keep the old unit to use as a backup/spare. This unit is extremely beneficial on the jobsite hauling tools and materials to the backyards. Expected delivery of this unit would be 10 months from order date.

Duration: Anticipated completion in 2023**LED Lighting Electric Distribution Office****Budget:** \$23,000

Purpose: There are approximately 70 T-8 fluorescent fixtures that need converted to LED. We would like to replace the fluorescent fixtures in the break room, conference room, and office areas. This will lower energy use and allow more efficient cooling in the summer.

Duration: Anticipated completion in 2023**West Substation Relay and Breaker Testing****Budget:** \$30,000

Purpose: The West Substation was finished in 1995, it has one 2,000 - amp main breaker and six 1,200 amp feeder breakers. There are a total of 9 mechanical relays and 16 SEL microprocessor relays that provide protection for substation equipment and feeders. We should have the relays and breakers at West Substation tested to ensure correct operation for reliability. While the substation is down, we plan to inspect the bus duct, (the overhead connection between the transformer and switchgear). This hasn't been open for inspection since it was put into service.

Duration: Anticipated completion in 2023

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IT & BROADBAND	
Major Capital Improvements	
Broadband Grant #1 ***	400,000
Broadband Grant #2 ****	1,000,000
New IT Truck	45,000
Replace Van #336	35,000
Replace Truck #415	45,000
Covered Storage Building	60,000
Total	\$ 1,585,000

Broadband Grant #1 *****Budget:** \$400,000

Purpose: This is the first USDA loan/grant to get fiber to the Water Plant and most areas within two miles of Marshall city limits. Coleman's Plumbing was awarded the conduit install bid of \$592,000 in June 2021 which includes a total of 17 areas. Coleman's Plumbing should be completed with the conduit by January 2023. MMU crews will be pulling fiber, splicing, and connecting customers for about half the fiscal year.

Duration: Ongoing**Broadband Grant #2 ********Budget:** \$1,000,000

Purpose: In October 2021, MMU was awarded \$7,578,843 in grant funding for Broadband expansion into a majority of Saline County. MMU will need to spend \$2.5 million before using any grant funding. During this fiscal year this will be spent on contracting for conduit installation.

Duration: Ongoing**New IT Truck****Budget:** \$45,000

Purpose: We would like to add a pick-up to be used by our IT staff for service calls and transporting materials.

Duration: Anticipated purchase in 2023**Replace Van #336****Budget:** \$35,000

Purpose: This is a 2010 Ford cargo van used by the IT & Broadband Director. We would like to replace this van with a similar van.

Duration: Anticipated purchase in 2023

Replace Truck #415**Budget:** \$45,000

Purpose: This is a 2011 Ford Escape SUV, originally used by the Environmental Service Director and now by IT support staff. It is beginning to have some reliability issues. When the truck is replaced, it would be a good time to consider either plug-in hybrid or all electric.

Duration: Anticipated purchase in 2023

Covered Storage Building**Budget:** \$60,000

Purpose: With the IT & Broadband Department growing we have several pieces of equipment that do not fit in our garages or in the warehouse. We would like to build a three-sided pole barn, roughly 32x72 with 16-foot sidewalls. We have not settled on a final location yet, pending further development of a long-term site-plan.

Duration: Anticipated purchase in 2023

*** This project was awarded by USDA for a total amount of \$1,150,000 and is being funded through a \$575,000 USDA loan and a \$575,000 USDA grant.

**** This project was awarded by USDA for a total amount of \$10,078,843, with \$2,500,000 matching funds and \$7,578,843 in USDA grant funding.

WASTEWATER PLANT	
Major Capital Improvements	
Aeration Basin & Final Clarifiers	\$ 2,300,000
Replace Truck 413	40,000
Replace Truck 401	40,000
Waste Aeration Building Blower Replacement	60,000
Waste Aeration Building Roof Replacement	15,000
Crack Seal Asphalt	10,000
Sludge Pad Trench Drain Expansion	60,000
Driveway Asphalt Overlay and Repairs	70,000
Total	\$ 2,595,000

Aeration Basin Repair and Final Clarifiers**Budget:** \$2,300,000

Purpose: This is the final year/phase of the replacement of the aeration basin bridges, mixers, and blowers. In addition to replacing the aeration basin equipment the final clarifiers are being upgraded/replaced as well. The old aeration and final clarifier equipment being replaced was originally installed in 1995. Installation of the new equipment began in the spring of 2022, with completion of this project expected in early 2023.

Duration: Ongoing**Replace Truck 413 (Carryover 2021)****Budget:** \$40,000

Purpose: Truck 413 is a 1999 F-150. This is our oldest pickup at the plant and it has significant rust and is showing its age. We would like to replace it with another 1/2-ton pickup with four wheel-drive.

Duration: Anticipated purchase in 2023**Replace Truck 401 (Carryover 2022)****Budget:** \$40,000

Purpose: Truck 401 is a 2006 half-ton pickup used by Wastewater staff. We will be looking to replace it with another similar half-ton pickup.

Duration: Anticipated purchase in 2023**Waste Aeration Building Blower Replacement****Budget:** \$60,000

Purpose: The existing blowers for the waste aeration have been in service since 1993; we are starting to have some issues with reliability on these two units. These units would be replaced using contract labor.

Duration: Anticipated completion in 2023

Waste Aeration Building Roof Replacement**Budget:** \$15,000

Purpose: This roof was replaced around 2011, but is starting to leak around the air intakes for the blowers. We need to replace this roof after the new blowers have been installed, just in case there are any changes to the intake size and location.

Duration: Anticipated completion in 2023**Crack Seal Asphalt (Carryover 2021)****Budget:** \$10,000

Purpose: The current driveway had a 2 - inch overlay done in the summer of 2009, it's starting to show cracking in several areas. We need to have approximately 6,000 square yards of crack sealing done to help preserve the driveway now. We consulted with Municipal Services and they currently have a contract to have this type of work performed for around \$1 per square yard. It may be possible to use their contract to assist with having this done before year end.

Duration: Anticipated completion in 2023**Sludge Pad Trench Drain Expansion****Budget:** \$60,000

Purpose: Located at the front edge of our two sludge pads are trench drains to collect any rain or runoff from the sludge that is being stored there. There have been multiple occasions where heavy rains create runoff that causes the sludge to travel over the existing grating and into the roadway. The size of the drains needs to be wider to prevent any runoff from happening. This was brought up as a concern in a previous DNR inspection. We will purchase new grating and use in-house labor and equipment to complete this project.

Duration: Anticipated completion in 2023**Driveway Asphalt Overlay and Repairs****Budget:** \$70,000

Purpose: The section of asphalt on the south end of the plant and going up the hill towards the south aeration basin is deteriorating and is in need of attention. About half of it can have overlay done and repairs will need to be made then asphalt laid on the other half. We will need to time this just after the trench drain changes have been made so everything will be seamless.

Duration: Anticipated completion in 2023

WASTEWATER COLLECTION		
Major Capital Improvements		
Valves for Southwest Lift Station	\$	35,000
CCTV Trailer & Camera Controls		50,000
Walk-Behind Concrete Saw		35,000
Inflow and Infiltration Improvements		150,000
Recurring Capital Improvements		
Sewer Main Replacement *		300,000
Collection System Rehabilitation (CIPP) *		150,000
Total	\$	720,000

Valves for Southwest Lift Station (Carryover 2020)**Budget:** \$35,000

Purpose: The valves on the two force mains are not working or sealing properly. The new valves would be installed by outside contractors. These valves are installed with special equipment without shutting down the lift stations. These valves will allow us to perform maintenance on the force mains.

Duration: Anticipated completion in 2023**CCTV Trailer & Camera Controls (Carryover 2021)****Budget:** \$50,000

Purpose: The current unit was purchased in 2013 and is in need of frequent repairs. This item would include new controls and a new cable for the camera.

Duration: Anticipated purchase in 2023**Walk-Behind Concrete Saw (Carryover 2021)****Budget:** \$35,000

Purpose: The open cut method of sewer main replacement is an annual project. The purchase of a walk behind concrete saw would improve safety and efficiency when cutting city streets for these projects. In 2022 bids were received, however due to price increases the bids were rejected and re-budged for 2023.

Duration: Anticipated purchase in 2023**Inflow and Infiltration Improvements****Budget:** \$150,000

Purpose: Based on Burns & McDonnell 2022 study we will work to develop a plan to correct inflow and infiltration of private sewer laterals and foundation drains.

Duration: Ongoing

Sewer Main Replacement ***Budget:** \$300,000

Purpose: We need to continue to replace some of the older sewer mains that cannot be improved by the Cured in Place Pipe (CIPP) method. These mains are often 6" and are in poor condition. We are trying to complete one or two main replacements each year with an estimated annual project cost of \$200,000 - \$300,000.

Duration: Ongoing**Collection System Rehabilitation (CIPP) *****Budget:** \$150,000

Purpose: We need to continue to improve the collection system with the Cured in Place Pipe (CIPP) method. This type of rehab will improve a main that is structurally sound with cracks, leaking joints, roots, and small holes, up to a main that is in excellent condition. This year we are planning to rehab mains from 6" up to 10". The CIPP project will be completed by outside contractors.

Duration: Ongoing

* These projects have been submitted for ARPA funding, which will be announced in October 2022.

ADMINISTRATION	
Major Capital Improvements	
Rate Restructure and Time-of-Use Rates	\$ 25,000
Drive-Thru Roof	15,000
Total	\$ 40,000

Rate Restructure and Time-of-Use Rates**Budget:** \$25,000

Purpose: In 2020 MMU hired Toth & Associates to conduct rates studies on our Water and Electric rates. In 2021 Toth & Associates was used to look at Electric Time-of-Use rates. With the conversion to a new billing software complete we would like to implement Time-of-Use Electric rates in the Spring of 2023. During this implementation we would like to consult with Toth & Associates on reviewing our current electric rate/demand structures. With the changes in how MMU is billed for power we feel this is a good time to have this review done.

Duration: Anticipated completion in 2023**Drive-Thru Roof (Carryover 2021)****Budget:** \$15,000

Purpose: The original roof from 1990 was replaced in 2010. With the upgrades to the office building, we would like to replace the white shingles with a darker 30-year architectural shingle.

Duration: Anticipated completion in 2023

DEPARTMENT BUDGET SUMMARY

Fiscal Years 2023-2027

<u>DEPARTMENT</u>	<u>TOTAL PROJECT COST</u>	<u>BUDGET 2023</u>	<u>BUDGET 2024</u>	<u>BUDGET 2025</u>	<u>BUDGET 2026</u>	<u>BUDGET 2027</u>
WATER TREATMENT PLANT	\$ 920,000	\$ 607,500	\$ 147,500	\$ 55,000	\$ 55,000	\$ 55,000
WATER DISTRIBUTION	6,827,000	1,340,000	2,247,000	1,290,000	920,000	30,000
WATER DEPARTMENT TOTAL	7,617,000	1,817,500	2,394,500	1,345,000	975,000	85,000
ELECTRIC PRODUCTION	1,116,000	271,000	410,000	330,000	95,000	10,000
ELECTRIC DISTRIBUTION	8,165,000	1,076,000	1,364,000	2,345,000	780,000	350,000
ELECTRIC DEPARTMENT TOTAL	9,281,000	1,347,000	1,774,000	2,675,000	875,000	360,000
WASTEWATER PLANT	11,821,000	2,595,000	350,000	900,000	776,000	-
WASTEWATER COLLECTION	1,320,000	720,000	150,000	150,000	150,000	150,000
WASTEWATER DEPARTMENT TOTAL	13,141,000	3,315,000	500,000	1,050,000	926,000	150,000
IT & BROADBAND DEPARTMENT	11,865,843	1,585,000	2,650,000	2,560,000	2,542,000	1,778,843
ADMINISTRATIVE DEPARTMENT	3,165,000	40,000	350,000	1,025,000	1,000,000	750,000
TOTAL	\$ 44,421,000	\$ 8,329,500	\$ 7,363,500	\$ 8,615,000	\$ 6,318,000	\$ 3,445,000

Note: Below is a breakdown of all the Grant Funding opportunities for the \$44,421,000 total project costs.

USDA Grant Funding Approved	\$ 8,153,843
ARPA Grant Funding Eligible	735,000
Region F Solid Waste Approved	93,500
Region F Solid Waste Eligible	255,000
	<u>\$ 9,237,343</u>

WATER DEPARTMENT BUDGET

Fiscal Years 2023-2027

<u>PROJECT</u>	<u>TOTAL PROJECT COST</u>	<u>BUDGET 2023</u>	<u>BUDGET 2024</u>	<u>BUDGET 2025</u>	<u>BUDGET 2026</u>	<u>BUDGET 2027</u>
WATER TREATMENT PLANT						
Replace Zero-Turn Mower	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -
Replace Filter Effluent Valves and Actuators on all Five Filters 16 Inch	70,000	70,000	-	-	-	-
Replace Exterior Doors	77,000	77,000	-	-	-	-
Replace Lime Feed Trough	18,000	18,000	-	-	-	-
Replace Truck 207	47,500	47,500	-	-	-	-
Filter Media Replacement	195,000	195,000	-	-	-	-
Water Treatment Plant System Study	120,000	120,000	-	-	-	-
Replace Truck 206	37,500	-	37,500	-	-	-
Replace Filter Effluent Valves and Actuators on all Five Filters 10 Inch	55,000	-	55,000	-	-	-
Annual Well Treatment	275,000	55,000	55,000	55,000	55,000	55,000
WATER TREATMENT PLANT TOTAL	920,000	607,500	147,500	55,000	55,000	55,000
WATER DISTRIBUTION						
Repaint Water Tower Wet Interior	160,000	160,000	-	-	-	-
North Street Pump Station	2,800,000	500,000	1,300,000	-	-	-
Removal of Number Two Reservoir	130,000	130,000	-	-	-	-
Replace Vacuum Excavator	125,000	125,000	-	-	-	-
Replace Truck 201	60,000	60,000	-	-	-	-
Park Ave, Sand Hollow to Vest 12" Water Main *	250,000	250,000	-	-	-	-
OSP (Every 5 years)	35,000	35,000	-	-	-	-
LED Lighting for Underground Office	20,000	20,000	-	-	-	-
Replace Zero-Turn Mower	25,000	25,000	-	-	-	-

WATER DEPARTMENT BUDGET*Fiscal Years 2023-2027*

<u>PROJECT</u>	<u>TOTAL PROJECT COST</u>	<u>BUDGET 2023</u>	<u>BUDGET 2024</u>	<u>BUDGET 2025</u>	<u>BUDGET 2026</u>	<u>BUDGET 2027</u>
WATER DISTRIBUTION (Cont.)						
Replace Water Main on North Lincoln from Slater to State *	35,000	35,000	-	-	-	-
Replace 2011 CAT Backhoe	180,000	-	180,000	-	-	-
Replace Truck 520	42,000	-	42,000	-	-	-
6' Water Main Replacement on College at Lafayette West to Benton	225,000	-	225,000	-	-	-
AMI Water Meters	2,000,000	-	500,000	1,000,000	500,000	-
Replace Skid Steer	70,000	-	-	70,000	-	-
Cleaning #1 Reservoir	80,000	-	-	80,000	-	-
Replace Bobcat Mini	90,000	-	-	90,000	-	-
Replace Truck 203	25,000	-	-	25,000	-	-
Replace Truck 322	25,000	-	-	25,000	-	-
Replace Truck 403	70,000	-	-	-	70,000	-
Replace Truck 404	25,000	-	-	-	25,000	-
Replace Truck 503	25,000	-	-	-	25,000	-
Risk and Resilience Assessment	30,000	-	-	-	-	30,000
WATER DISTRIBUTION TOTAL	6,827,000	1,340,000	2,247,000	1,290,000	920,000	30,000
WATER DEPARTMENT TOTAL	\$ 7,617,000	\$ 1,817,500	\$ 2,394,500	\$ 1,345,000	\$ 975,000	\$ 85,000

* These projects have been submitted for ARPA funding, which will be announced in October 2022.

ELECTRIC DEPARTMENT BUDGET

Fiscal Years 2023-2027

<u>PROJECT</u>	<u>TOTAL PROJECT COST</u>	<u>BUDGET 2023</u>	<u>BUDGET 2024</u>	<u>BUDGET 2025</u>	<u>BUDGET 2026</u>	<u>BUDGET 2027</u>
ELECTRIC PRODUCTION						
Cover Over Loading Dock	30,000	30,000	-	-	-	-
NESHAP RICE Testing Units 10 & 11	20,000	10,000	-	-	-	10,000
Truck Scales **	92,000	92,000	-	-	-	-
Glass Crusher **	18,000	18,000	-	-	-	-
Storm Shelter	5,000	5,000	-	-	-	-
Unit 10 & 11 Circulating Water Pumps	80,000	80,000	-	-	-	-
Concrete at Recycle Center	36,000	36,000	-	-	-	-
Retrofit #4 Cooling Tower Basin for Storage	60,000	-	60,000	-	-	-
Auto-Tie Baler ✦	300,000	-	300,000	-	-	-
Part 70 Operating Permit	10,000	-	-	10,000	-	-
Unit #6 Inspection	280,000	-	-	280,000	-	-
Electric Governors for Unit 10 & 11	80,000	-	-	-	80,000	-
NESHAP RICE Testing Units 7,8, and 9	15,000	-	-	-	15,000	-
Skidsteer	50,000	-	50,000	-	-	-
Forklift	40,000	-	-	40,000	-	-
ELECTRIC PRODUCTION TOTAL	1,116,000	271,000	410,000	330,000	95,000	10,000
ELECTRIC DISTRIBUTION						
Southeast Substation New Transformer 15 kV Switchgear	2,500,000	250,000	-	-	-	-
Miami #1 Substation Transformer & Switchgear Replacement	3,000,000	250,000	1,000,000	1,750,000	-	-
Pole Inspections	30,000	30,000	-	-	-	-
Convert Overhead Single Phase in Walkway Easements to Underground	750,000	150,000	150,000	150,000	150,000	150,000
Replace Truck 318	50,000	50,000	-	-	-	-
Replace Truck 329	70,000	70,000	-	-	-	-
Contract Tree Trimming	150,000	150,000	-	-	-	-

ELECTRIC DEPARTMENT BUDGET*Fiscal Years 2023-2027*

PROJECT	TOTAL PROJECT COST	BUDGET 2023	BUDGET 2024	BUDGET 2025	BUDGET 2026	BUDGET 2027
ELECTRIC DISTRIBUTION (Cont.)						
Replace Greenlee Pipe Bender	8,000	8,000	-	-	-	-
Replace Truck 305	310,000	-	-	-	310,000	-
Ditch Witch Mini Skid 333	65,000	65,000	-	-	-	-
LED Lighting Electric Distribution Office	23,000	23,000	-	-	-	-
West Substation Relay and Breaker Testing	30,000	30,000	-	-	-	-
Southeast Substation Protection Maintenance	82,000	-	82,000	-	-	-
West Substation Protection Maintenance	62,000	-	62,000	-	-	-
Update Arc Hazard Study	70,000	-	70,000	-	-	-
Replace Gator	35,000	-	-	35,000	-	-
Replace 2012 Kubota Tractor	90,000	-	-	90,000	-	-
Replace 2006 Line Truck	320,000	-	-	320,000	-	-
Replace 2012 Line Truck	320,000	-	-	-	320,000	-
2008 Ditch Witch Boring Machine	200,000	-	-	-	-	200,000
ELECTRIC DISTRIBUTION TOTAL	8,165,000	1,076,000	1,364,000	2,345,000	780,000	350,000
ELECTRIC DEPARTMENT TOTAL	\$ 9,281,000	\$ 1,347,000	\$ 1,774,000	\$ 2,675,000	\$ 875,000	\$ 360,000

** These projects have been accepted for Region F Solid Waste Funding.

✦ The Auto-Tie Baler will be eligible for Region F Solid Waste Funding, which would cover 85% of the total cost.

IT & BROADBAND DEPARTMENT BUDGET*Fiscal Years 2023-2027*

<u>PROJECT</u>	<u>TOTAL PROJECT COST</u>	<u>BUDGET 2023</u>	<u>BUDGET 2024</u>	<u>BUDGET 2025</u>	<u>BUDGET 2026</u>	<u>BUDGET 2027</u>
IT & BROADBAND						
Broadband Grant 1 ***	1,150,000	400,000	-	-	-	-
Broadband Grant 2 ****	10,078,843	1,000,000	2,500,000	2,500,000	2,500,000	1,578,843
New IT Truck	45,000	45,000	-	-	-	-
Replace Van 336	35,000	35,000	-	-	-	-
Replace Truck 415	45,000	45,000	-	-	-	-
Covered Storage Building	60,000	60,000	-	-	-	-
Replace Bucket Truck 342	150,000	-	150,000	-	-	-
Fiber Plow	60,000	-	-	60,000	-	-
Replace Fiber Truck 331	42,000	-	-	-	42,000	-
In-Town Expansion & Replacement	200,000	-	-	-	-	200,000
IT & BROADBAND TOTAL	\$ 11,865,843	\$ 1,585,000	\$ 2,650,000	\$ 2,560,000	\$ 2,542,000	\$ 1,778,843

*** This project was awarded by USDA for a total amount of \$1,150,000 and is being funded through a \$575,000 USDA loan and a \$575,000 USDA grant.

**** This project was awarded by USDA for a total amount of \$10,078,843, with \$2,500,000 matching funds and \$7,578,843 in USDA grant funding.

WASTEWATER DEPARTMENT BUDGET*Fiscal Years 2023-2027*

<u>PROJECT</u>	<u>TOTAL PROJECT COST</u>	<u>BUDGET 2023</u>	<u>BUDGET 2024</u>	<u>BUDGET 2025</u>	<u>BUDGET 2026</u>	<u>BUDGET 2027</u>
WASTEWATER PLANT						
Aeration Basin / Final Clarifiers	\$ 9,500,000	\$ 2,300,000	\$ -	\$ -	\$ -	\$ -
Replace Truck 413	40,000	40,000	-	-	-	-
Replace Truck 401	40,000	40,000	-	-	-	-
Waste Aeration Blower Replacement	60,000	60,000	-	-	-	-
Waste Aeration Roof Replacement	15,000	15,000	-	-	-	-
Crack Seal Asphalt	10,000	10,000	-	-	-	-
Sludge Pad Trench Drain Expansion	60,000	60,000	-	-	-	-
Driveway Asphalt Overlay and Repairs	70,000	70,000	-	-	-	-
Replace Sludge Conveyor	350,000	-	350,000	-	-	-
Diffuser Manifold Holding Basins	150,000	-	-	150,000	-	-
Replace Truck 416	26,000	-	-	-	26,000	-
Replace Belt Filter Presses	1,500,000	-	-	750,000	750,000	-
WASTEWATER PLANT TOTAL	11,821,000	2,595,000	350,000	900,000	776,000	-
WASTEWATER COLLECTION						
Valves For Southwest Lift Station	35,000	35,000	-	-	-	-
CCTV Trailer & Camera Controls	50,000	50,000	-	-	-	-
Walk-Behind Concrete Saw	35,000	35,000	-	-	-	-
Inflow and Infiltration Improvements	150,000	150,000	-	-	-	-
Sewer Main Replacement *	300,000	300,000	-	-	-	-
Collection System Rehabilitation Using the Cured-In-Place Pipe CIPP Method *	750,000	150,000	150,000	150,000	150,000	150,000
WASTEWATER COLLECTION TOTAL	1,320,000	720,000	150,000	150,000	150,000	150,000
WASTEWATER DEPARTMENT TOTAL	\$ 13,141,000	\$ 3,315,000	\$ 500,000	\$ 1,050,000	\$ 926,000	\$ 150,000

* These projects have been submitted for ARPA funding, which will be announced in October 2022.

ADMINISTRATIVE DEPARTMENT BUDGET

Fiscal Years 2023-2027

<u>PROJECT</u>	<u>TOTAL PROJECT COST</u>	<u>BUDGET 2023</u>	<u>BUDGET 2024</u>	<u>BUDGET 2025</u>	<u>BUDGET 2026</u>	<u>BUDGET 2027</u>
ADMINISTRATION						
Rate Restructure and Time-of-Use Rates	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -
Drive-Thru Roof	15,000	15,000	-	-	-	-
Resurface Business Office Parking Lot	50,000	-	50,000	-	-	-
Electric Car Charge Stations	50,000	-	50,000	-	-	-
Replace Vehicle 335	25,000	-	-	25,000	-	-
New Administration Building	3,000,000	-	250,000	1,000,000	1,000,000	750,000
ADMINISTRATION TOTAL	\$ 3,165,000	\$ 40,000	\$ 350,000	\$ 1,025,000	\$ 1,000,000	\$ 750,000

STATEMENT OF OPERATIONS - WATER*Fiscal Years Ending September 30*

	Actual 2021	Estimated 2022	Budget 2022	Budget 2023	Budget % Difference
Operating Revenues:					
Residential	\$ 1,640,476	\$ 1,637,271	\$ 1,605,000	\$ 1,625,000	1.25%
Small General	215,385	242,542	203,000	210,000	3.45%
Large General	255,622	215,329	235,000	240,000	2.13%
Industrial	770,906	717,346	740,000	750,000	1.35%
Resale	923,697	852,402	895,000	900,000	0.56%
Commercial	341,549	314,253	320,000	323,000	0.94%
Other	200,897	206,053	183,900	187,100	1.74%
Total Sales	4,348,532	4,185,196	4,181,900	4,235,100	1.27%
Other Operating Revenue	35,846	37,625	37,000	41,500	12.16%
Total Operating Revenue	4,384,378	4,222,821	4,218,900	4,276,600	1.37%
Operating Expenses:					
Plant	1,326,403	1,453,910	1,228,000	1,667,624	35.80%
Distribution & Transmission	635,621	1,055,058	658,000	1,153,265	75.27%
Administrative And General	842,951	462,655	1,040,680	652,800	-37.27%
Depreciation And Amortization	626,507	621,168	636,000	658,000	3.46%
Payment In Lieu Of Taxes	271,904	195,647	267,400	213,400	-20.19%
Total Operating Expense	3,703,386	3,788,438	3,830,080	4,345,089	13.45%
Operating Income (Loss)	\$ 680,992	\$ 434,383	\$ 388,820	\$ (68,489)	-117.61%

STATEMENT OF OPERATIONS - ELECTRIC*Fiscal Years Ending September 30*

	Actual 2021	Estimated 2022	Budget 2022	Budget 2023	Budget % Difference
Operating Revenues:					
Residential	\$ 5,590,945	\$ 5,746,583	\$ 5,500,000	\$ 5,700,000	3.64%
Small General	1,967,691	1,810,158	1,860,000	\$ 1,900,000	2.15%
Large General	2,563,361	2,872,388	2,500,000	\$ 2,600,000	4.00%
Industrial	5,228,704	4,890,544	5,180,000	\$ 5,300,000	2.32%
Resale	695,689	586,134	250,000	671,000	168.40%
Commercial	1,481,821	1,502,040	1,450,000	\$ 1,500,000	3.45%
Other	2,108,843	2,039,436	1,864,610	\$ 1,920,900	3.02%
Total Sales	19,637,055	19,447,283	18,604,610	19,591,900	5.31%
Other Operating Revenue	303,253	208,149	246,000	351,000	42.68%
Total Operating Revenue	19,940,308	19,655,432	18,850,610	19,942,900	5.79%
Operating Expenses:					
Plant	3,724,455	1,736,208	618,500	2,111,457	241.38%
Fuel	885,669	604,620	90,000	610,000	577.78%
Purchased Power	10,626,952	11,281,309	11,308,000	12,160,000	7.53%
Distribution & Transmission	1,934,335	2,395,890	1,896,251	2,467,665	30.13%
Administrative And General	2,288,303	1,394,071	2,584,279	1,605,818	-37.86%
Depreciation And Amortization	914,225	929,847	935,000	995,000	6.42%
Payment In Lieu Of Taxes	1,924,016	1,519,572	1,937,388	1,775,900	-8.34%
Total Operating Expense	22,297,954	19,861,517	19,369,417	21,725,840	12.17%
Operating Income (Loss)	\$ (2,357,646)	\$ (206,085)	\$ (518,808)	\$ (1,782,940)	243.66%

STATEMENT OF OPERATIONS - GAS*Fiscal Years Ending September 30*

	Actual 2021	Estimated 2022	Budget 2022	Budget 2023	Budget % Difference
Operating Revenues:					
Transportation	\$ 188,873	\$ 264,480	\$ 265,000	\$ 276,000	4.15%
Total Sales	188,873	264,480	265,000	276,000	4.15%
Other Operating Revenue	2,552	6,158	500	3,000	500.00%
Total Operating Revenue	191,425	270,638	265,500	279,000	5.08%
Operating Expenses:					
Meter Site	2,568	2,065	2,500	4,500	80.00%
Distribution & Transmission	66,651	35,607	48,000	41,615	-13.30%
Administrative And General	4,387	3,549	5,000	3,600	-28.00%
Depreciation And Amortization	260,052	260,000	260,000	258,066	-0.74%
Total Operating Expense	333,657	301,221	315,500	307,781	-2.45%
Operating Income (Loss)	\$ (142,233)	\$ (30,583)	\$ (50,000)	\$ (28,781)	-42.44%

STATEMENT OF OPERATIONS - IT & BROADBAND*Fiscal Years Ending September 30*

	Actual 2021	Estimated 2022	Budget 2022	Budget 2023	Budget % Difference
Operating Revenues:					
Tier 1	\$ 726,626	\$ 734,351	\$ 725,250	\$ 756,000	4.24%
Tier 1 - Grant 1	-	2,891	70,000	70,000	0.00%
Tier 2	581,400	619,228	580,000	636,000	9.66%
Tier 2 - Grant 1	-	2,646	10,000	15,000	50.00%
Tier 3	135,137	160,680	130,000	156,000	20.00%
Tier 3 - Grant 1	-	2,573	2,500	9,600	284.00%
Other	122,683	109,577	113,513	116,500	2.63%
Total Sales	1,565,846	1,631,946	1,631,263	1,759,100	7.84%
Other Operating Revenue	46,148	43,539	62,250	662,000	963.45%
Total Operating Revenue	1,611,994	1,675,485	1,693,513	2,421,100	42.96%
Operating Expenses:					
Access Fees	344,960	350,908	364,140	365,000	0.24%
Distribution & Transmission	189,289	611,282	162,294	744,175	358.53%
Administrative And General	251,704	112,468	268,033	133,408	-50.23%
Depreciation And Amortization	385,835	400,224	385,000	420,000	9.09%
Payment In Lieu Of Taxes	19,604	21,552	15,000	21,000	40.00%
Total Operating Expense	1,191,392	1,496,434	1,194,468	1,683,583	40.95%
Operating Income (Loss)	\$ 420,602	\$ 179,051	\$ 499,045	\$ 737,517	47.79%

STATEMENT OF OPERATIONS - WASTEWATER*Fiscal Years Ending September 30*

	Actual 2021	Estimated 2022	Budget 2022	Budget 2023	Budget % Difference
Operating Revenues:					
Residential	\$ 1,891,582	\$ 2,012,513	\$ 2,155,530	\$ 2,200,000	2.06%
Small General	132,300	175,328	178,436	180,000	0.88%
Large General	68,969	107,594	100,302	110,000	9.67%
Industrial	525,499	779,517	844,376	900,000	6.59%
Commercial	260,079	301,066	311,326	315,000	1.18%
Other	53,529	31,573	22,023	24,500	11.25%
Total Sales	2,931,958	3,407,591	3,611,990	3,729,500	3.25%
Other Operating Revenue	45,636	145,731	36,500	183,000	401.37%
Total Operating Revenue	2,977,594	3,553,322	3,648,490	3,912,500	7.24%
Operating Expenses:					
Plant	1,085,392	1,140,010	930,356	1,280,791	37.67%
Collection	312,280	409,071	322,036	603,950	87.54%
Administrative And General	661,895	435,628	790,365	536,741	-32.09%
Depreciation And Amortization	644,134	588,083	660,000	895,000	35.61%
Payment In Lieu Of Taxes	10,890	29,128	11,500	17,000	47.83%
Total Operating Expense	2,714,591	2,601,920	2,714,257	3,333,482	22.81%
Operating Income (Loss)	\$ 263,004	\$ 951,402	\$ 934,233	\$ 579,018	-38.02%

STATEMENT OF CHANGE IN FINANCIAL POSITION
Fiscal Years Ending September 30

	Actual 2021	Estimated 2022	Budget 2022	Budget 2023	Budget % Difference
Water Department					
Operating Revenue	\$ 4,384,378	\$ 4,222,821	\$ 4,218,900	\$ 4,276,600	1.37%
Operating Expense	3,703,386	3,788,438	3,830,080	4,345,089	13.45%
Net Income	680,992	434,383	388,820	(68,489)	-117.61%
Add: Depreciation	626,507	621,168	636,000	658,000	3.46%
Less: Loan Principal Payments	284,826	291,288	295,000	286,000	-3.05%
Less: Capital Projects	389,415	430,727	1,832,000	1,613,500	-11.93%
Increase (Decrease) in Working Capital	633,258	333,536	(1,102,180)	(1,309,989)	18.85%
Electric Department					
Operating Revenue	19,940,308	19,655,432	18,850,610	19,942,900	5.79%
Operating Expense	22,297,954	19,861,517	19,369,417	21,725,840	12.17%
Net Income	(2,357,646)	(206,085)	(518,808)	(1,782,940)	243.66%
Add: Depreciation	914,225	929,847	935,000	995,000	6.42%
Add: Loan payments from:					
Water Dept	284,826	291,288	295,000	286,000	-3.05%
Wastewater Dept	401,826	346,148	350,000	855,000	144.29%
City of Marshall	-	(410,103)	243,000	258,000	6.17%
Add: Transfer payments from:					
IT & Broadband	120,000	120,000	120,000	120,000	0.00%
Natural Gas	-	-	-	500,000	0.00%
Less: Capital Projects	852,380	1,306,690	2,157,000	1,221,000	-43.39%
Increase (Decrease) in Working Capital	(1,489,149)	(235,595)	(732,808)	10,060	-101.37%
Natural Gas Department					
Operating Revenue	191,425	270,638	265,500	279,000	5.08%
Operating Expense	333,657	301,221	315,500	307,781	-2.45%
Net Income	(142,233)	(30,583)	(50,000)	(28,781)	-42.44%
Add: Depreciation	260,052	260,000	260,000	258,066	-0.74%
Less: Transfer to Electric	-	-	-	500,000	0.00%
Increase (Decrease) in Working Capital	\$ 117,819	\$ 229,417	\$ 210,000	\$ (270,715)	-228.91%

STATEMENT OF CHANGE IN FINANCIAL POSITION*Fiscal Years Ending September 30*

	Actual 2021	Estimated 2022	Budget 2022	Budget 2023	Budget % Difference
IT & Broadband Department					
Operating Revenue	\$ 1,611,994	\$ 1,675,485	\$ 1,693,513	\$ 2,421,100	42.96%
Operating Expense	1,191,392	1,496,434	1,194,468	1,683,583	40.95%
Net Income	420,602	179,051	499,045	737,517	47.79%
					9.09%
Add: Depreciation	385,835	400,224	385,000	420,000	0.00%
Less: Transfer to Electric	120,000	120,000	120,000	120,000	0.00%
Less: Capital Projects	399,490	760,950	1,720,000	1,589,000	-7.62%
Add: Grant Funds	-	-	575,000	-	-100.00%
Less: Loan Principal Payments	-	-	50,000	50,000	0.00%
Increase (Decrease) in Working Capital	286,946	(301,675)	(430,955)	(601,483)	39.57%
Wastewater Department					
Operating Revenue	2,977,594	3,553,322	3,648,490	3,912,500	7.24%
Operating Expense	2,714,591	2,601,920	2,714,257	3,333,482	22.81%
Net Income	263,004	951,402	934,233	579,018	-38.02%
Add: Depreciation	644,134	588,083	660,000	895,000	35.61%
Less: Loan Principal Payments	401,826	346,148	350,000	340,000	-2.86%
Less: Loan Principal Payments	-	-	400,000	515,000	28.75%
Less: Capital Projects	497,717	6,203,656	9,207,000	3,321,000	-63.93%
Increase (Decrease) in Working Capital	7,595	(5,010,319)	(8,362,767)	(2,701,982)	-67.69%
Marshall Municipal Utilities					
Total Operating Revenue	29,105,699	29,377,698	28,677,013	30,832,100	7.52%
Total Operating Expense	30,240,981	28,049,530	27,423,722	31,395,775	14.48%
Total Net Income	(1,135,282)	1,328,168	1,253,290	(563,675)	-144.98%
Add: Total Depreciation	2,830,753	2,799,322	2,876,000	3,226,066	12.17%
Add: Total Payments					
Paid To Electric	806,652	347,333	1,008,000	2,019,000	100.30%
Less: Total Loan Payments					
Paid From Water	284,826	291,288	295,000	286,000	-3.05%
Paid From Wastewater	401,826	346,148	750,000	855,000	14.00%
Paid From IT & Broadband	-	-	50,000	50,000	0.00%
Less: Total Transfer Payments					
Paid From IT & Broadband	120,000	120,000	120,000	120,000	0.00%
Paid From Natural Gas	-	-	-	500,000	0.00%
Less: Total Capital Projects	2,139,002	8,702,023	14,916,000	7,744,500	-48.08%
Add: Grant funds	-	-	575,000	-	-100.00%
Increase (Decrease) in Working Capital	\$ 360,121	\$ (4,292,340)	\$ (10,018,710)	\$ (3,114,109)	-68.92%