



Municipal Building/City Hall Council Chamber
2821 Washington Street
Greenville, TX 75401

City Council

Jerry Ransom - Mayor	Place 7
Ramon Rodriguez	Place 1
T.J. Goss - Mayor Pro Tem	Place 2
Philip R. Spencer	Place 3
Tim Kruse	Place 4
Ben Collins	Place 5
Kenneth Freeman	Place 6

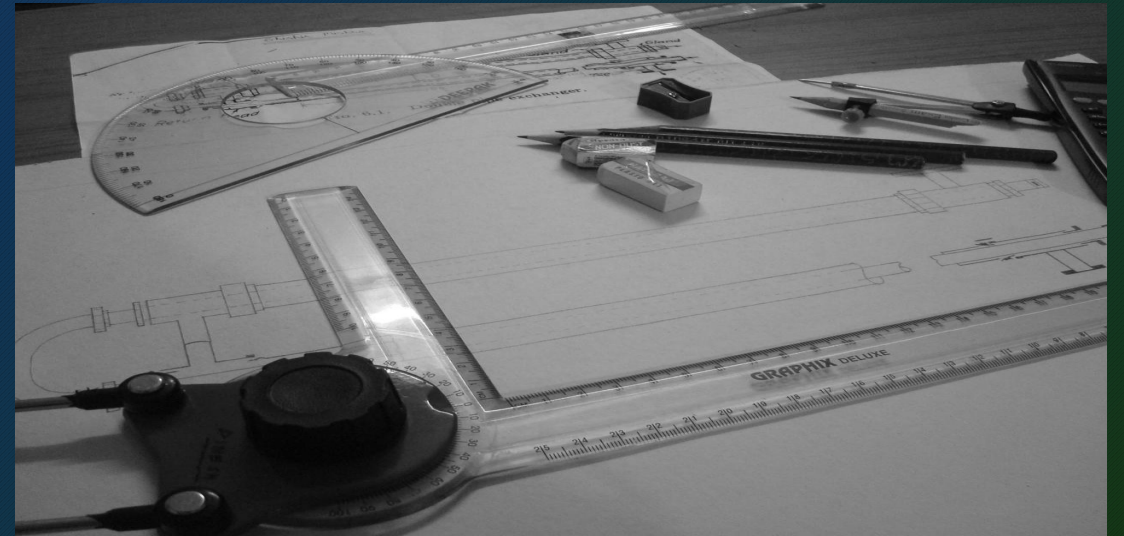
Work Session Agenda

06/24/2025

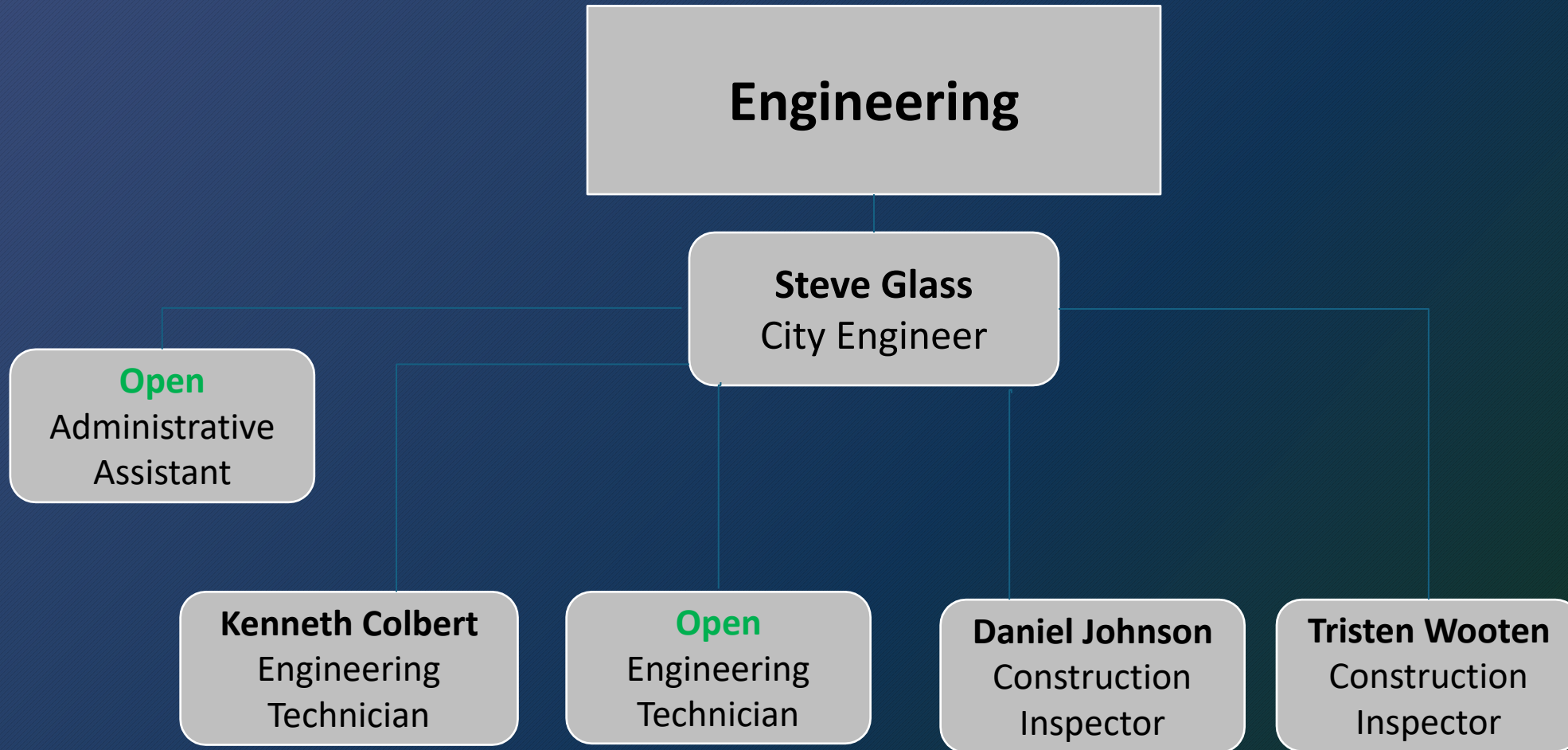
4:00 PM

1. **Call to Order**
2. **Items to be Discussed**
 - A. **Public Works**
 - 1) Engineering
 - 2) Streets - Traffic
 - 3) Water Treatment Plant
 - 4) Utilities
 - 5) Wastewater Treatment Plant
3. **Items on the Regular Agenda**
4. **EXECUTIVE SESSION AS NEEDED FOR AGENDA ITEMS OR EXECUTIVE SESSION
ITEMS AS LISTED ON THE REGULAR AGENDA - SECTIONS 551.071, 551.087,
551.072, 551.074, 551.089, OR 551.073**
5. **Adjourn**

ENGINEERING 2025-2026

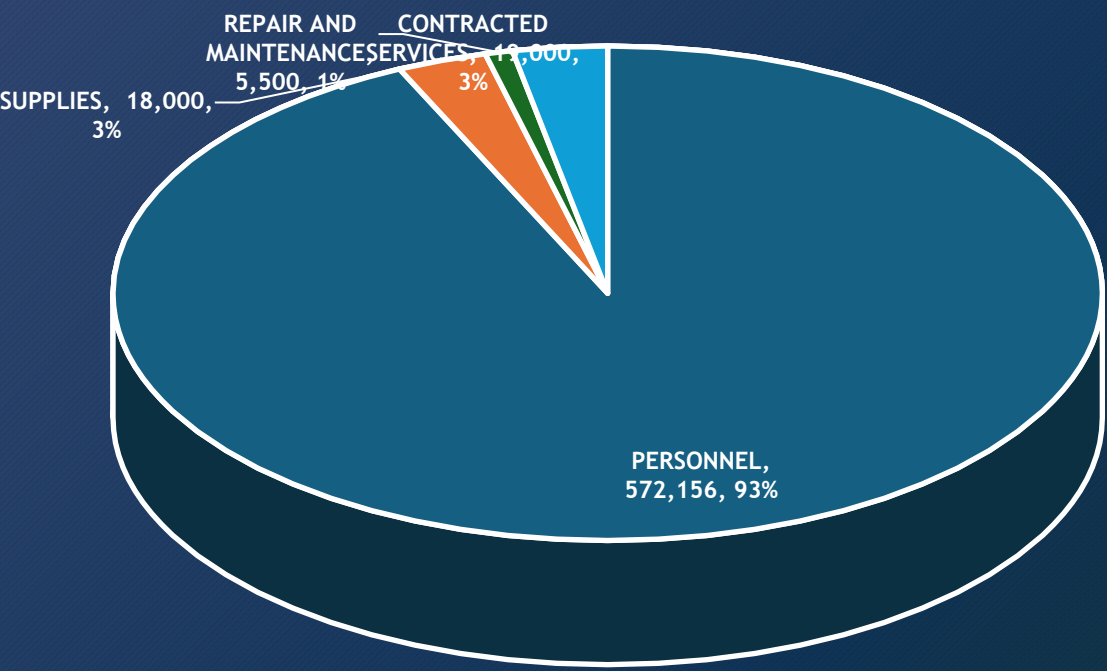


6 FTE

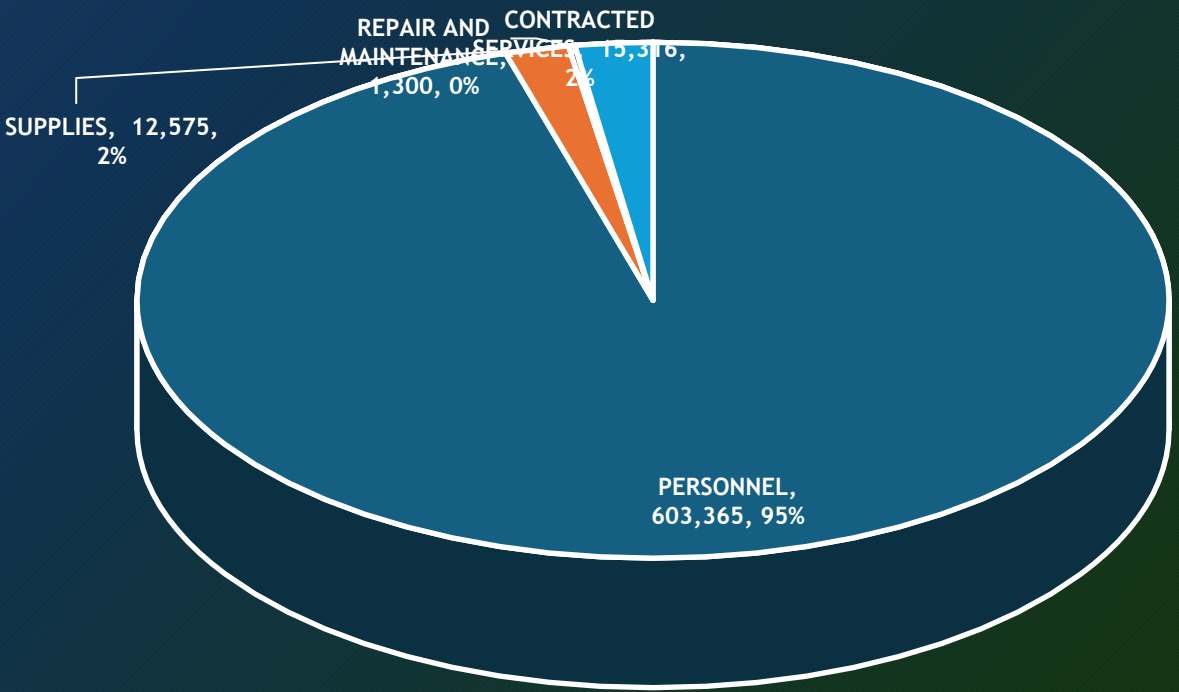


Engineering Budget

Increase 24-25 to 25-26
2.91%



2024-2025 Budgeted Amount \$614,656

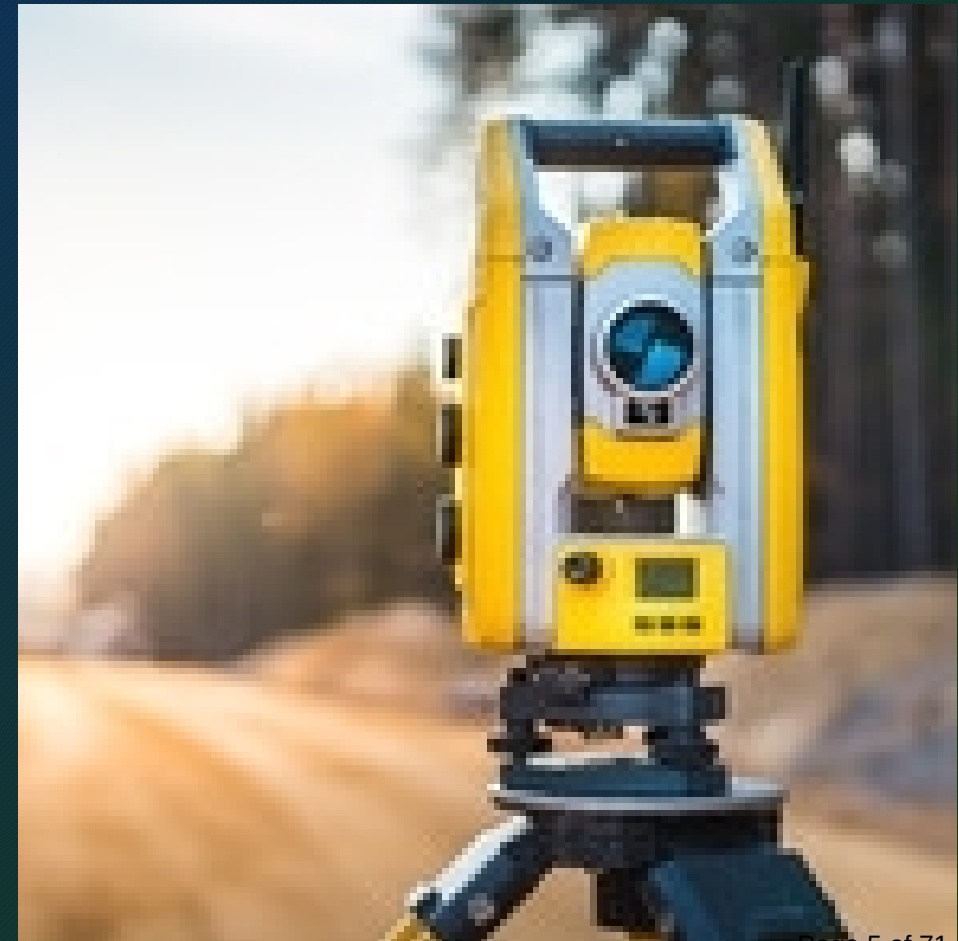


2025-2026 Budgeted Amount \$632,556

Engineering Responsibilities



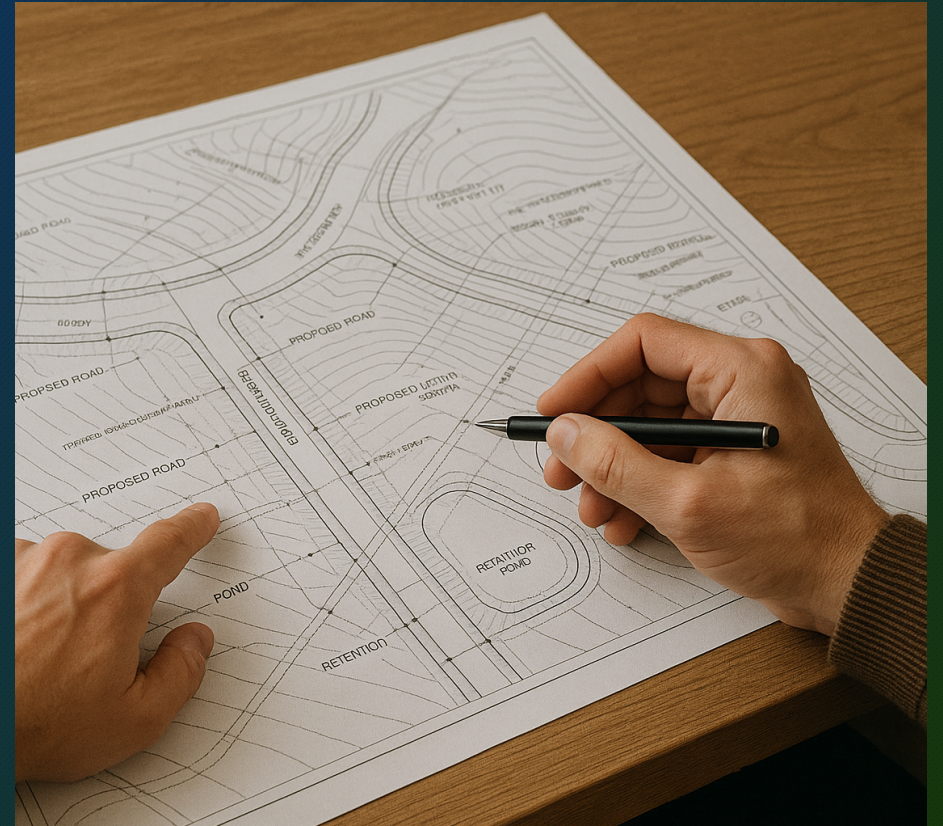
- Civil Engineering design for street and utilities
- Drainage, erosion control, driveways, and sidewalks
- Floodplain administration
- Development plan review
- Construction Inspection and residential CO site inspections
- Pre-construction meetings
- Record management, title and ownership research
- Prepare project estimates and feasibility studies
- Review building permits
- Computer aided drafting and design and GIS updates
- Provide engineering support to various other departments within the City



Activities since January 2025



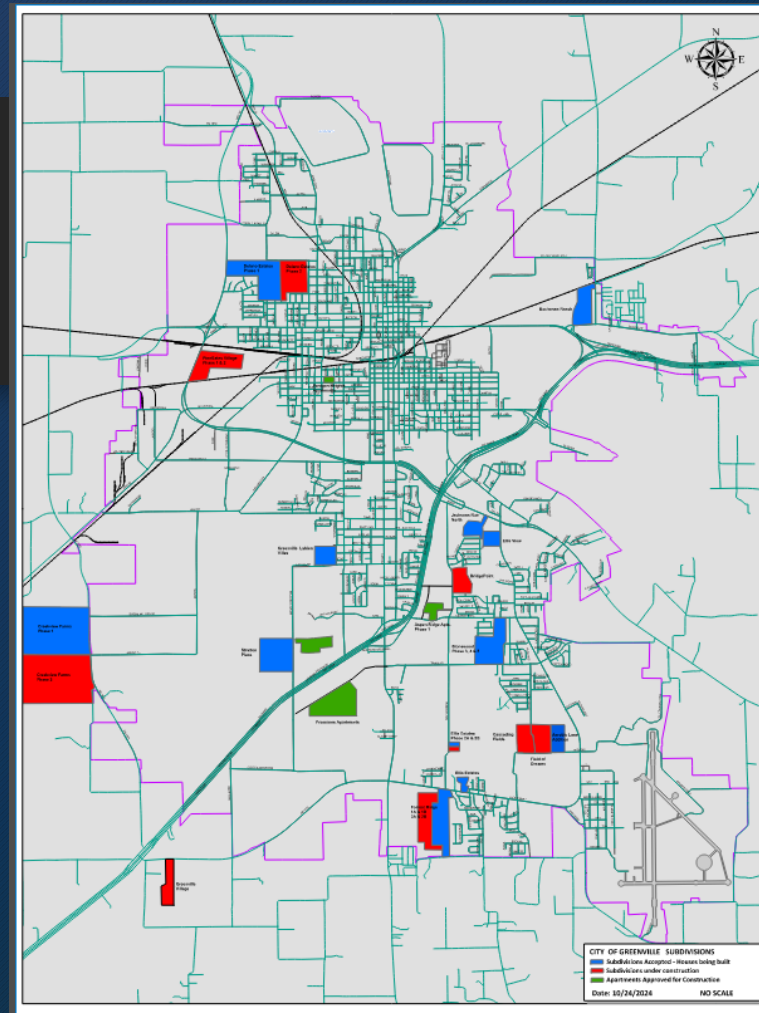
- 595 permit reviews for construction
- 577 residential inspections
- 542 development site inspections
- 9 reviews of new private development plans for construction



New and Proposed Development

Engineering Responsibilities

- Preliminary Plat Review
- Coordinate with franchise utilities for development
- Plan Review
- Construction Inspection
- TxDOT Coordination
- Final Plat Review
- Final acceptance of completion and closeout documents
- FEMA Floodplain Administration



Private Development Projects

<u>KB Crossing II</u> Under construction	<u>Aerobic Townhomes</u> 65 units Complete	<u>Traders Road Extension I</u> Wildcatter Complete	<u>Traders Road Extension II</u> Wildcatter Under Design	<u>Forest Ridge</u> 225 Units Altura Homes Phase I complete
<u>Cottages</u> 92 units by Wildcatters Under Construction	<u>Mallard Point Ph II</u> 60 Units ETJ Altura Homes Complete	<u>Greenville MHP</u> 117 units by Private Development Under Construction	<u>Aspire Apartments</u> 225 Units Under Construction	<u>Bridge Point</u> 179 units by Altura Properties Phase 1 and 2 Complete
<u>Freestone Multifamily</u> 369 units Complete	<u>Ellis Estates Phase I</u> 75 units Ellis Properties Complete	<u>Ellis Estates Phase II</u> 95 units Ellis Properties Under Construction	<u>Woodlands Rental</u> 85 units Altura Homes Under Construction	<u>Pinegates Subdivision</u> 165 units Preliminary Construction
<u>Cascading Fields</u> 92 Units Not Started	<u>Field of Dreams</u> 140 Units Under Construction	<u>Amble Way Phase I</u> 227 Units ETJ Under Design		



City Projects 2024/2025



- 2025 Street Mill and Overlay Project Design and Build
- East Side 20" Water Line Replacement Design and Build
- 24" West Side Distribution Line Design
- 12" West Side Gravity Sewer Line Design
- Parks Department Parking Lot Design- Oak Creek Park (Build FY26/27)
- Longbranch Road Design (Build FY25/26)
- Majors Road Relocation Design

City Projects 2025/2026



- 2026 Street Mill and Overlay Project Design and Build
- 24” West Side Distribution Line Construction
- West Side Gravity Sewer Line Construction
- Majors Road Relocation Construction
- Longbranch Road Reconstruction
- ADT Road Study (Capital Request)
- PCI Road Study (Capital Request)
- Sewer System Model Development (Capital Request)
- Old Mill Road Design (Capital Request)

2025/2026 Capital Requests



- ENG2600-Conduct Pavement Condition Index (PCI) Study- \$100,000
Last conducted in 2021, the PCI Study quantifies the condition of the pavement of City-owned streets to objectively assess condition.
- ENG2601-Conduct Average Daily Traffic (ADT) Study- \$150,000
Last conducted in 2021, the ADT Study measures the traffic flow on the streets. Adding the frequency of travel provides a priority of rehabilitation and helps to evaluate the return on investment.
- ENG2602 -Old Mill Road Paving and Drainage Design- \$800,000
This Capital Request will provide the design to rebuild Old Mill Road and the associated drainage improvements from Edgewood Drive to Bethel Road.
- ENG2603 -Wastewater Collection System Model- \$910,000
The Wastewater Collection System Model will evaluate the capacity of the entire collection system, 10” in diameter and larger and will establish the capacity of the system, project the effect of future growth and development, will identify areas of needed improvements and develop a Capital Improvement Plan from a capacity perspective.

Questions?





STREET/TRAFFIC

SAFETY, RESPECT, SERVICE

BUDGET 2025-2026

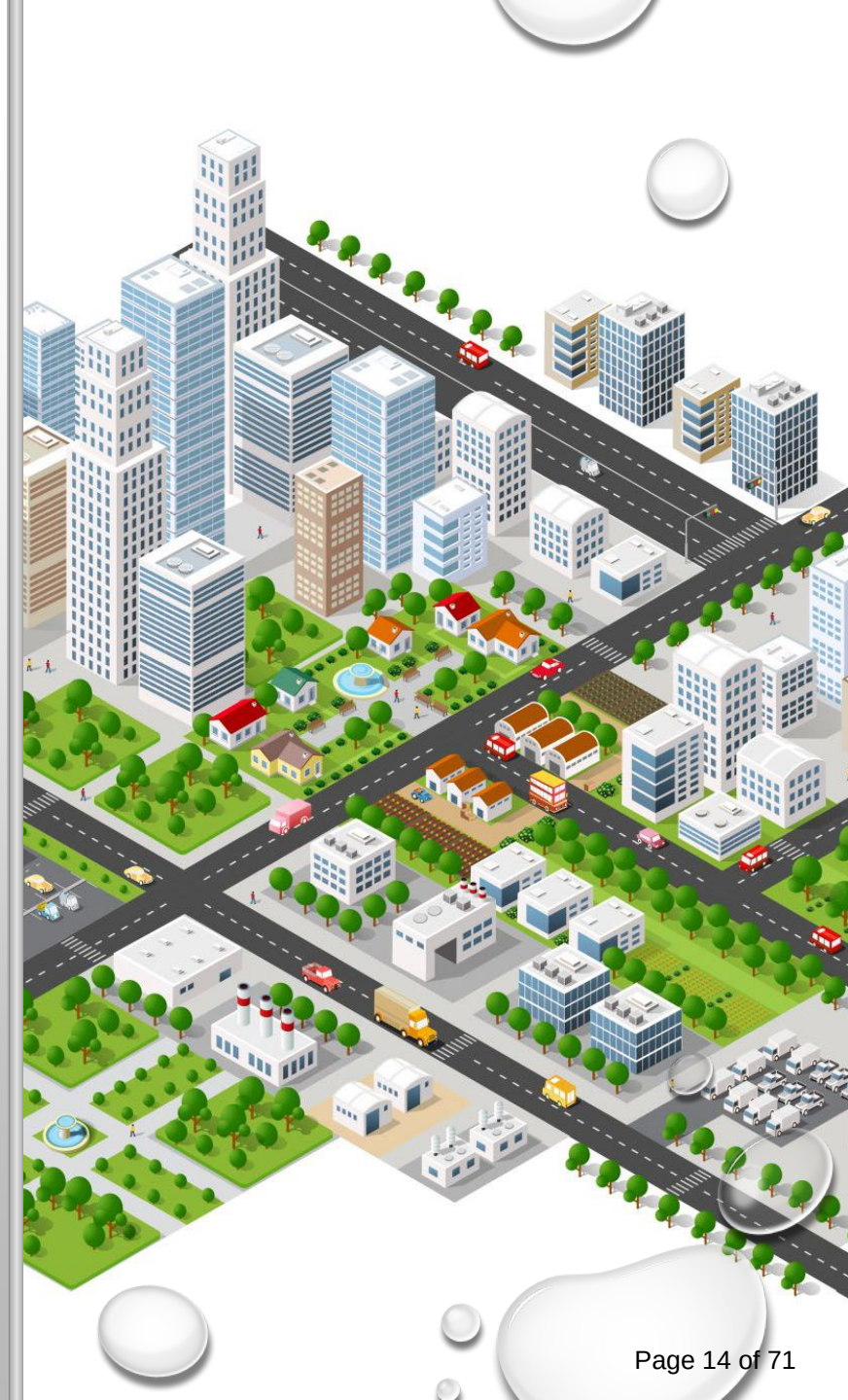
TRAFFIC AND STREETS COMPREHENSIVE PLAN

Establish an **overall community vision** with long term **goals** and **strategies**.

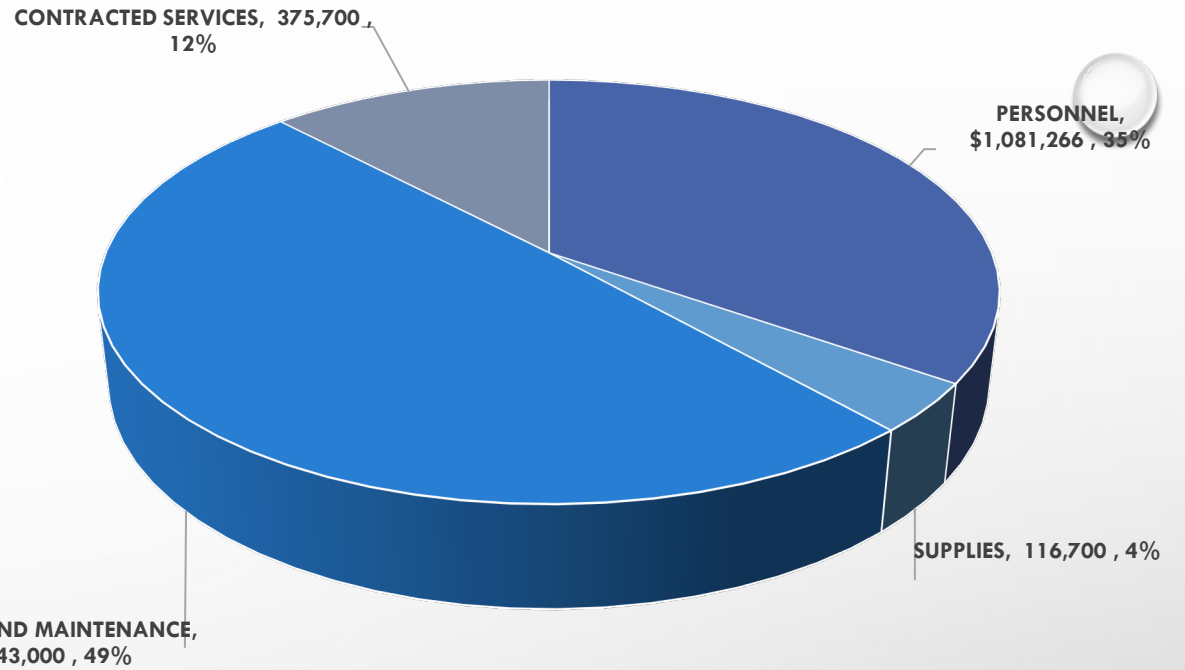
Identify growth trends and locations where the population is expected to grow. Then calibrate Division Resources to accommodate .

Provide guidelines to upgrade and repair infrastructure, services and programs.

Strategies are to maintain and expand Staff, Equipment to cover Future Growth Trends



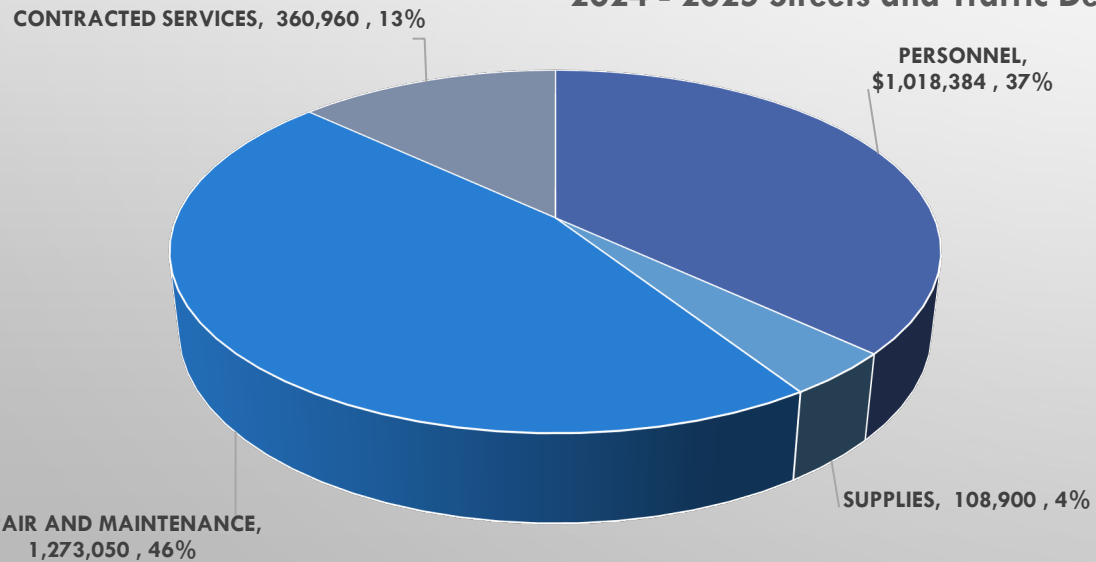
2025 - 2026 Streets and Traffic Department



2024 - 2025 Budgeted Amount \$ 2,761,294

2025 - 2026 Budgeted Amount \$ 3,116,666

2024 - 2025 Streets and Traffic Department



Budgeted Operating Expense difference from 24-25 to 25-26 of **\$292,490** -of the \$292,490 increase in \$250,000 in Street Maintenance (From \$750,000 to \$1,000,000)

% Increase 24 - 25 to 25 - 26:
12.87%

RESPONSIBILITIES OF STREET AND TRAFFIC DIVISION'S

- THE STREET AND TRAFFIC DIVISIONS WORK TO MAINTAIN THE INFRASTRUCTURE AND IMPROVE IT BY COLLABORATING WITH OTHER DIVISIONS TO ENSURE THE PROVISION OF THE MOST ACCURATE INFORMATION FOR THE DEVELOPMENT OF A COST-EFFICIENT STREET PROGRAM.

Street Repairs
Pothole Repairs
Blade work

Demolitions
Storm Debris
Removal

R.O.W Shredding
Tree Trimming
Street Sweeping

Stop Sign
Street Signs
Repair /Install

Pavement
Striping-Marker

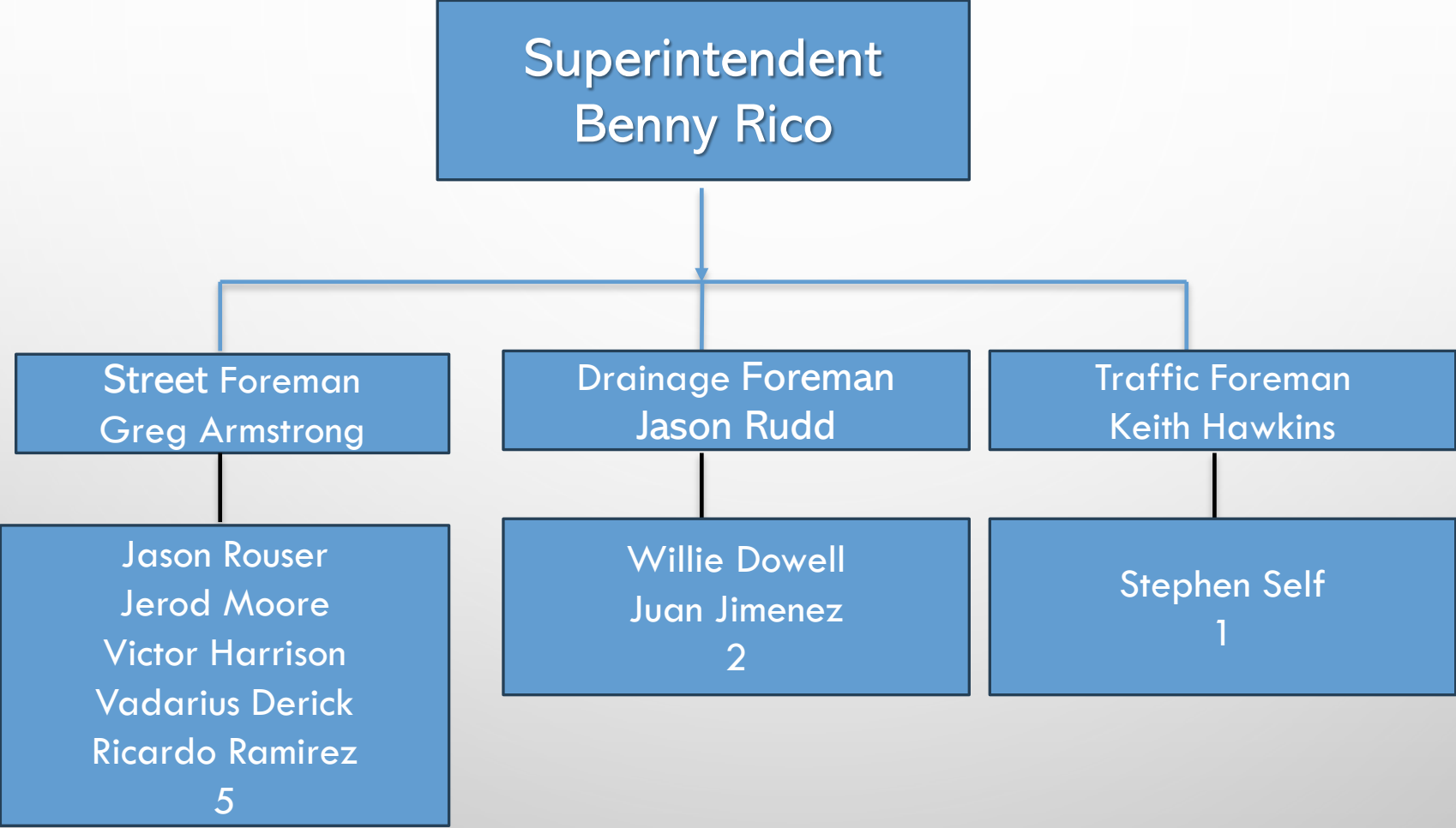
Drainage
System
Maintenance

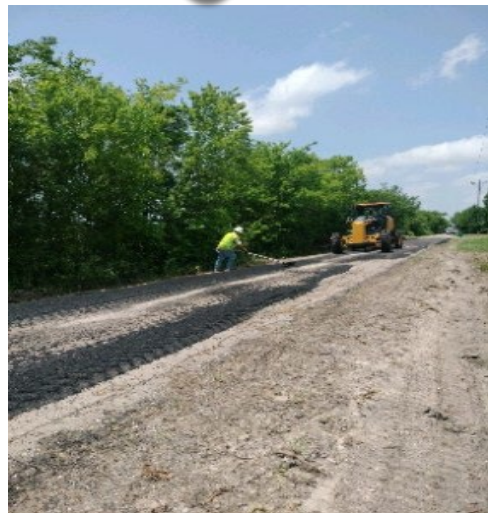
Sidewalk
Curb/Gutter
Repairs

Traffic Counts

Traffic Control
For Parades ,
Special Events

Organizational Chart






Public Works Department

STREET DIVISION

MAINTAINED POTHOLE
AND UTILITY CUTS, BLADE
ROADS




Public Works Department

STREET DIVISION
WORKS WITH COMMUNITY
DEVELOPMENT,
DEMOLISHED 10 HOMES
DURING THE CURRENT YEAR



STREET DIVISION R.O.W SHREDDING, TREE REMOVAL, & STREET SWEEPING



STREET DIVISION
MAINTAIN DRAINAGE
SYSTEM,
STREET CREW MAINTENANCE,
200 MILES OF PIPING
UNDERGROUND,
AND OPEN DITCH CLEANED




Public Works Department

STREET DIVISION

MAINTAIN INCLEMENT WEATHER RESPONSE



City
of
Greenville
Public Works Department



TRAFFIC

REPAIR BARRICADES,
ASSIST MAIN STREET
HANGING BANNERS




Public Works Department

TRAFFIC

MAINTAIN PARKING LOTS, FENCE REPAIRS



TRAFFIC

MAINTAIN PAVEMENT
STRIPING,
RUMBLE STRIPS

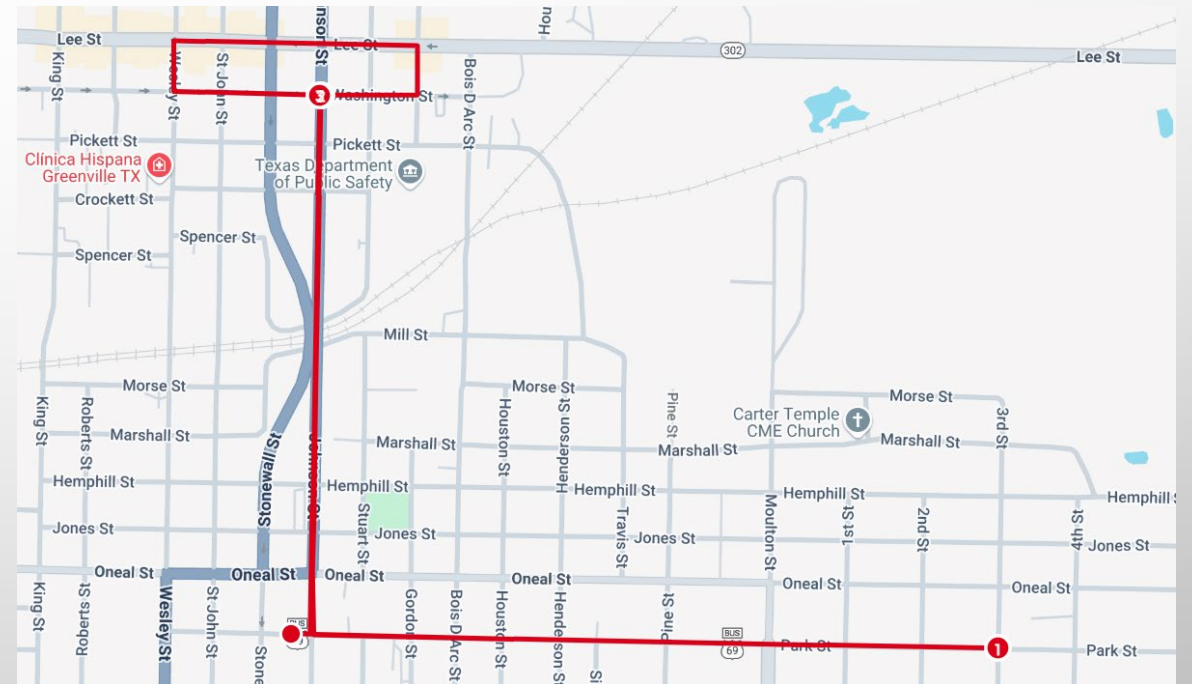



Public Works Department

TRAFFIC
MAINTAIN & REPAIR STREET
SIGNS:
FADED SIGNS, OLD SIGNS,
DAMAGED SIGNS

TRAFFIC DIVISION

TRAFFIC CONTROL FOR STREET CLOSURES FOR CHRISTMAS PARADES AND BOTTLE ROCKET BASH 4TH OF JULY 5K



Participate in Community Events



*TOUCH A TRUCK
5/31/2025



C.I.P REQUEST STREET DIVISION

TANDEM DUMP TRUCK \$193,000



C.I.P REQUEST STREET DIVISION

1500 CHEVROLET \$30,000



C.I.P REQUEST STREET DIVISION

LEEBOY 8520C \$240,380.00



C.I.P REQUEST TRAFFIC DIVISION

MODEL720 SERIES PREMELTER-TRAILER DUAL \$77,350

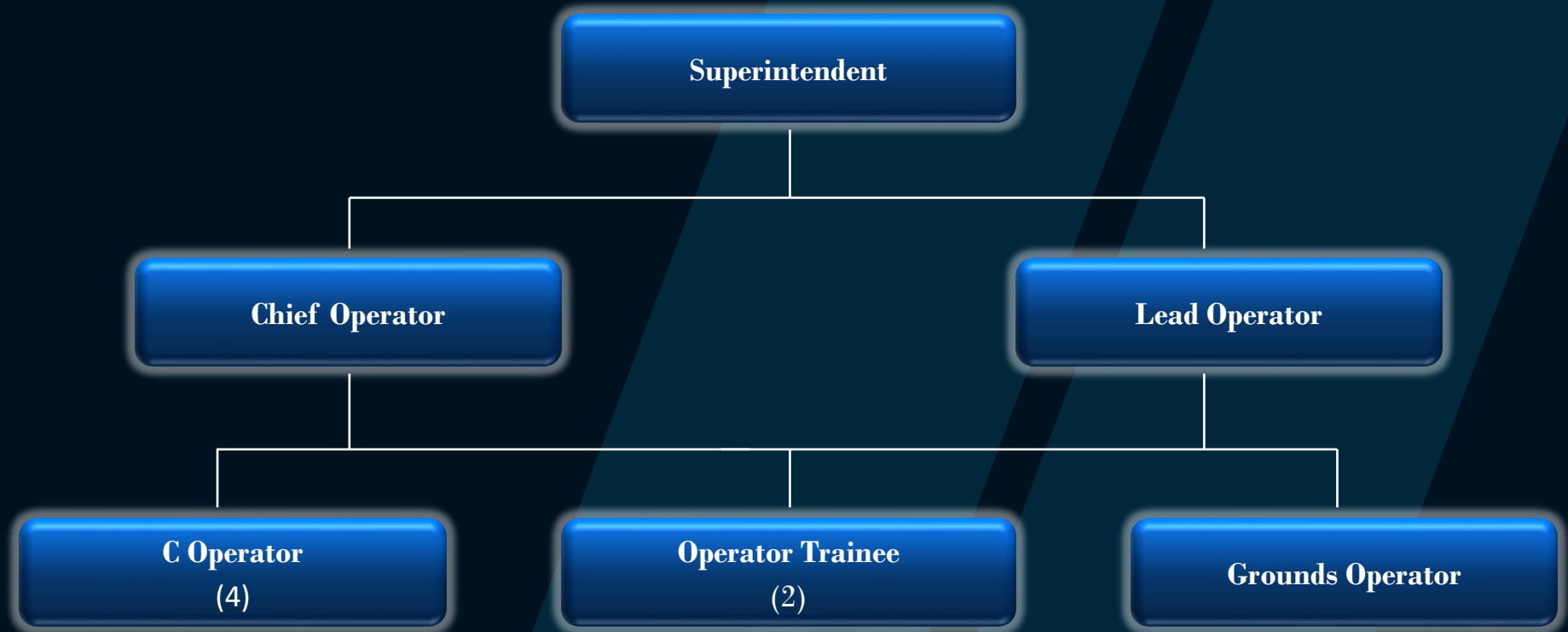


QUESTIONS?

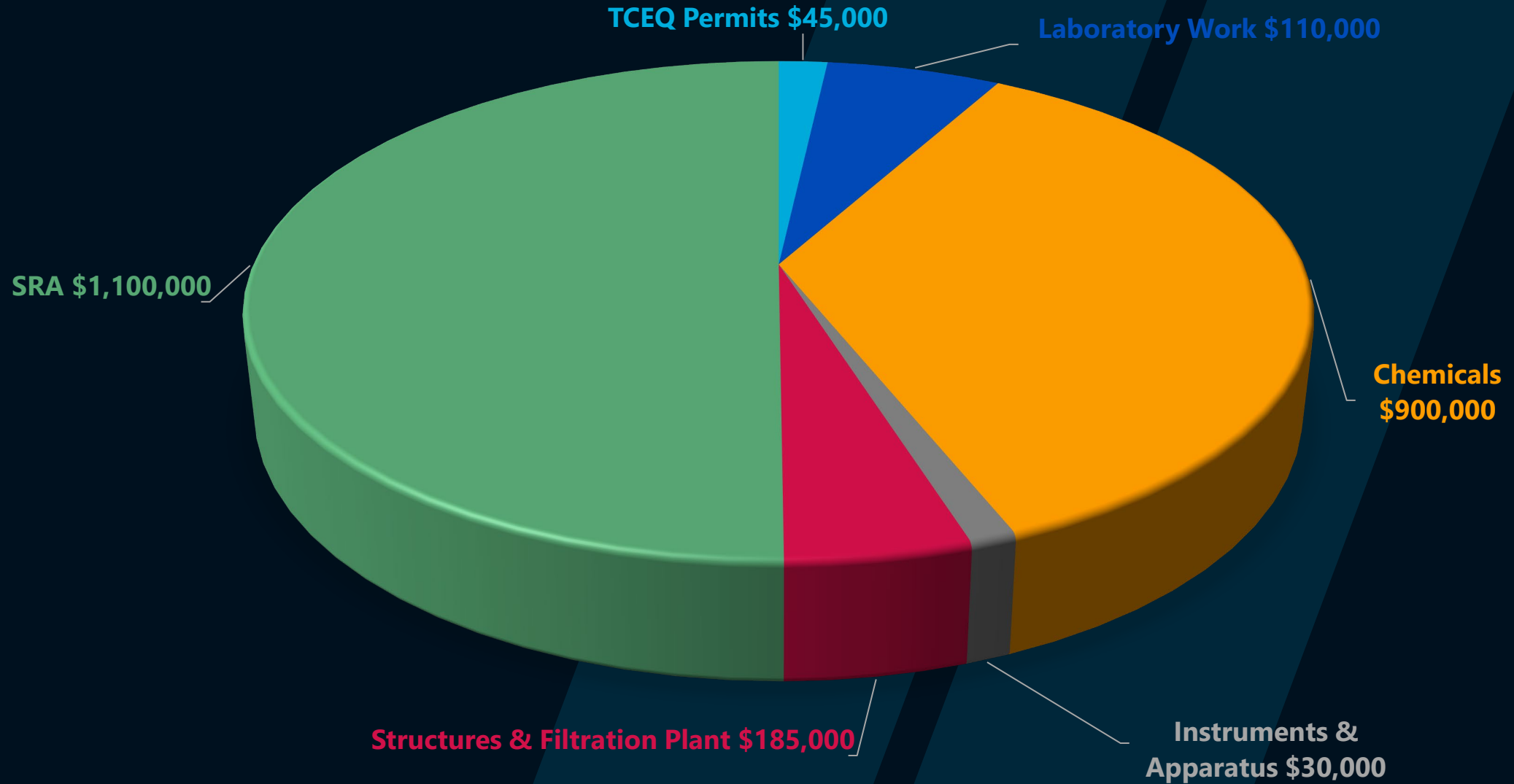


**Water Treatment Plant
2025-2026 Budget**

Organizational Chart



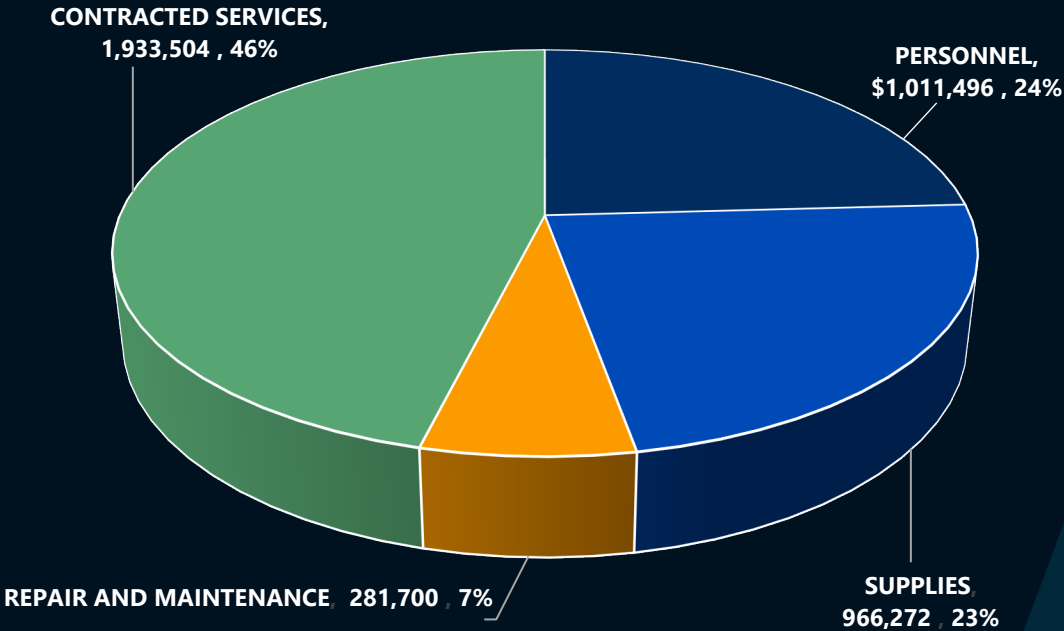
2025-2026 Operating Budget



Budget: \$3,296,500

2024-2025 Total Budget \$4,192,972

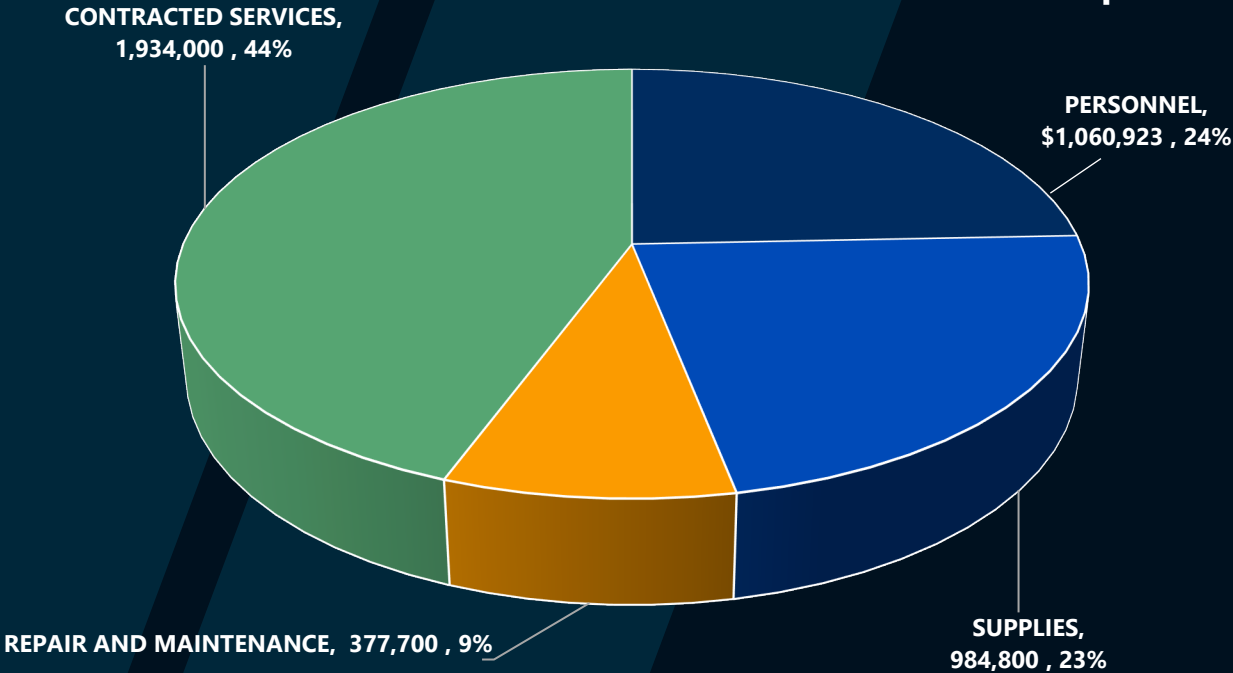
2024 - 2025 WTP Department



% Increase 24-25 to 25-26
3.92%

2025-2026 Total Budget \$4,357,423

2025 - 2026 WTP Department



Raw Water Pumped and Treated at WTP



- Raw Water Pumped to City Reservoir #5 in CY2024: 1,870,000,000 Gallons
- Water treated and sent to distribution system in CY2024: 2,061,450,000 Gallons

2025-2026 WTP CIP Requests

Wrought Iron Fencing Project \$800,000

- Replace all chain-link fencing around all pump stations, elevate storage tanks, clearwells, and water treatment plants with wrought iron fence.



Accomplishments

2024-2025 Accomplishments

- Continued to stay compliant in the TxOP Program.
- Treated over 2 billion gallons of water.
- Finished filter rehab project.
- New 36" raw water main is around 90% finished.
- Tawakoni Pump Station rehab is around 85% finished.
- Industrial Project design phase is done goes to bid in 2 weeks.
- Ridgecrest Water Main Project is in easement acquisition.
- New South WTP 90% plans will be done first part of July.
- Dual 36" backfeed line to new WTP is in design phase.
- Caddo elevated tower rehab has started and is around 60% done.
- SCADA Radio Project has started, and all towers are installed.
- New WTP Generator Project has started and in 50% finished.
- Reservoir #4 Project has started dock installed and concrete work will start last week.

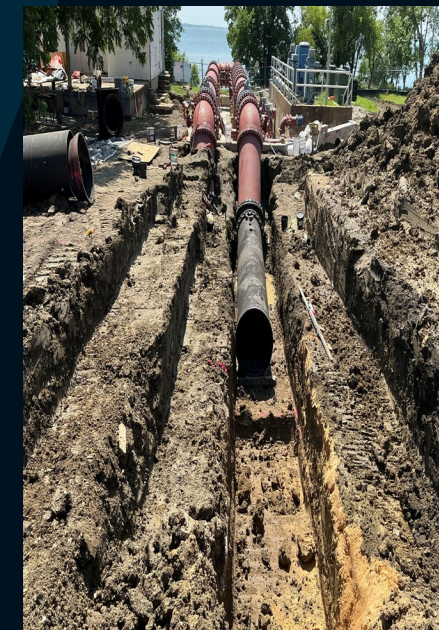
Tawakoni 36" Raw Waterline



New Water Treatment Plant Generator



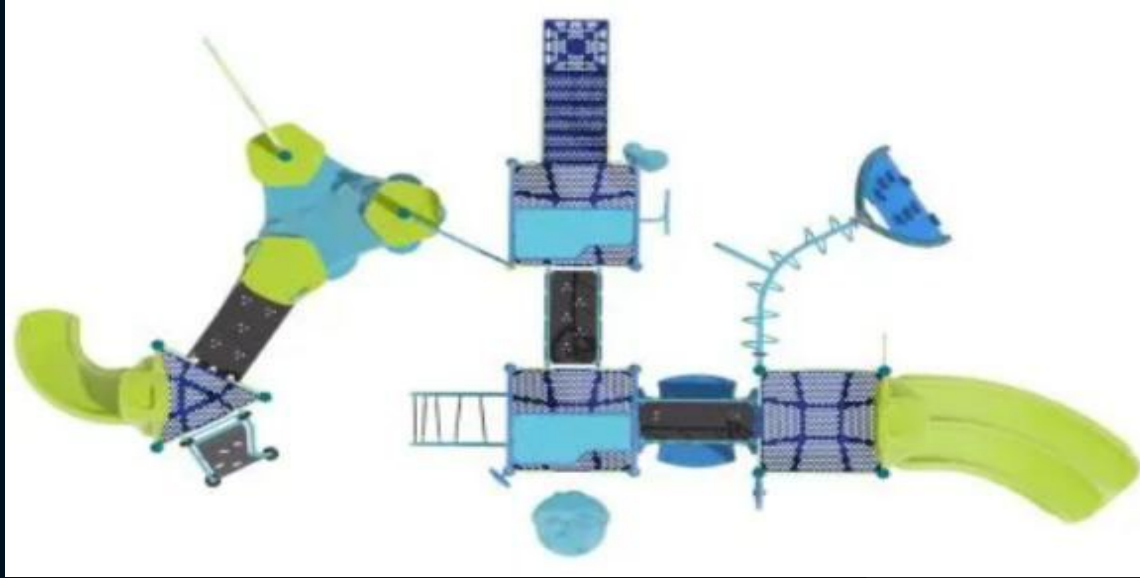
Tawakoni Header Project



Reservoir #4 Dock



Reservoir #4 Park



Questions?

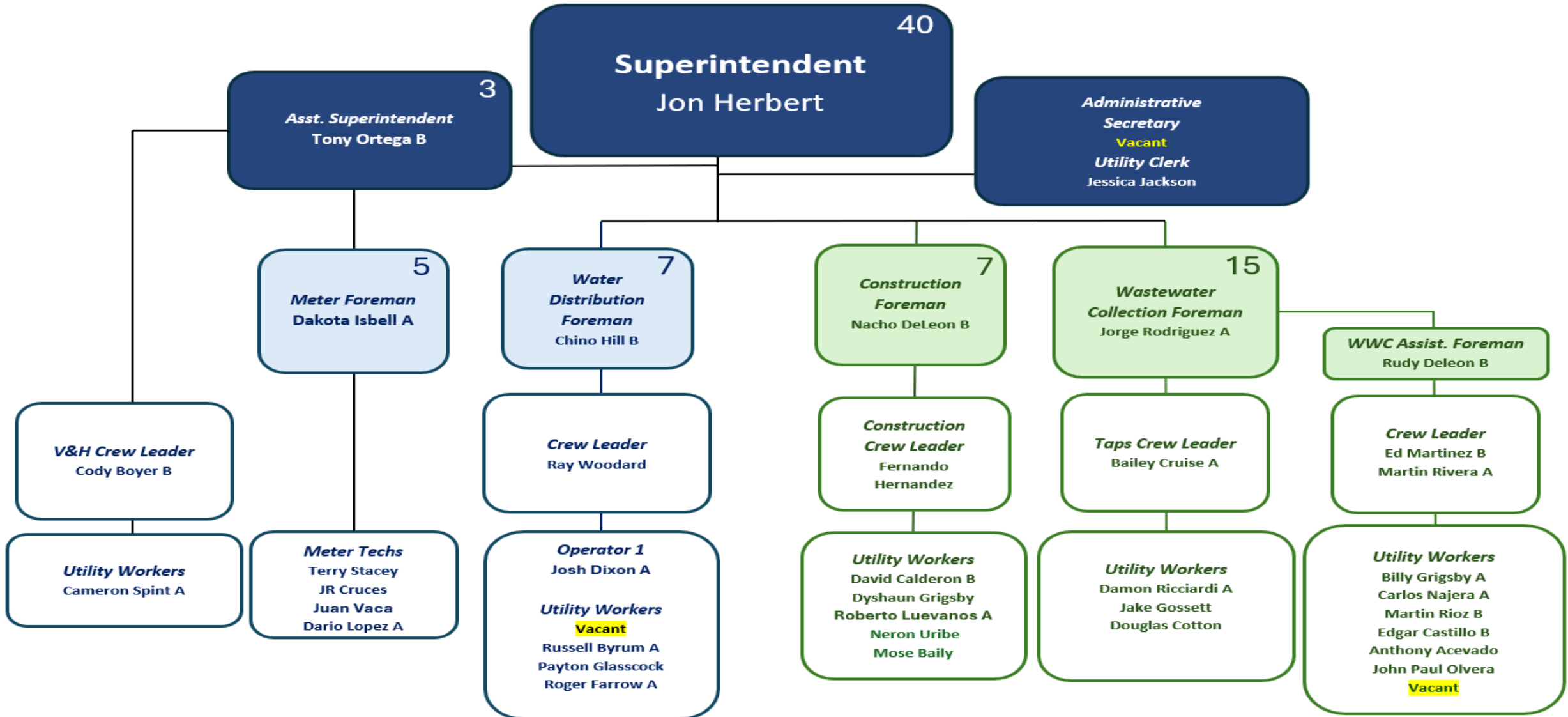
Utility Division

2025-2026

Budget

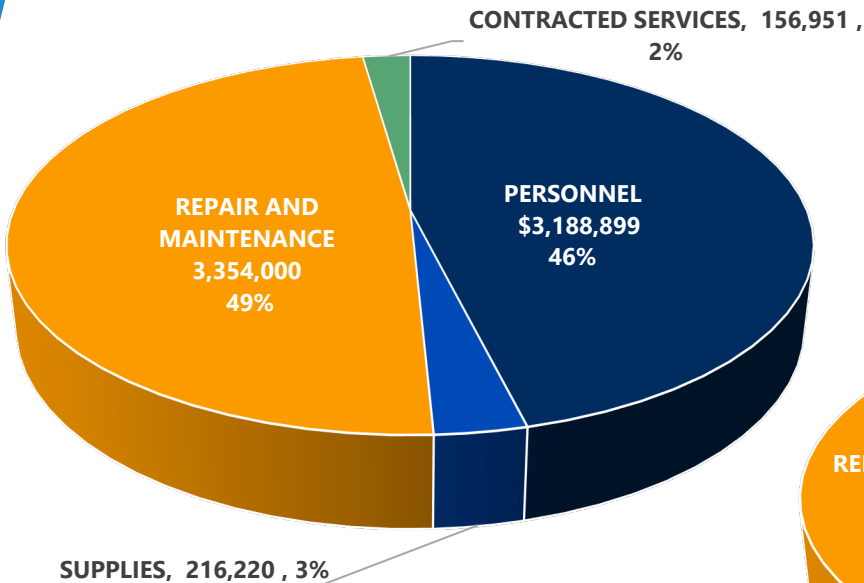


Organizational Chart

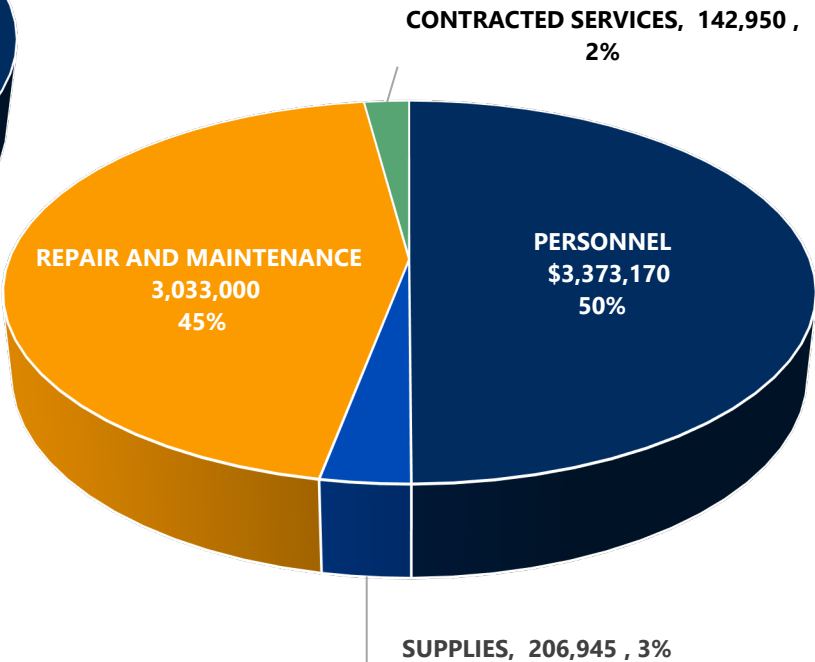


2025-2026 Operating Budget

2024 - 2025
Utilities Department



2025 - 2026
Utilities Department



2024 - 2025 Budgeted Amount	\$ 6,916,070
2025 - 2026 Budgeted Amount	\$ 6,756,065

2.31% decrease from
FY 2024-2025 to FY 2025-2026

Water Distribution

2024-2025 Completed Work Orders

- Water Taps 75
- Fire Hydrant Repair 12
- Water Breaks 80
- Water Leaks 510
- New Meter Sets 284
- Meter Exchanges 111
- Misc. Meter W.O. 463

2024-2025 Water Pipe Replacement

- ¾" – 1" Service Line 582'
- 2" PVC Water Main 183'
- 4" PVC Water Main 88'
- 6" C900 Water Main 278'
- 8" C900 Water Main 92'
- 10' C900 Water Main 34'
- 12" C900 Water Main 59'



Wastewater Collections

2024-2025 Completed Work Orders

- Sewer Stops 610
- Service Lines 178
- Main Lines 151
- Private Lines 188
- Misc. Sewer 524

2024-2025 Water Pipe Replacement

- 4" SDR 35 Service 628'
- 6" SDR35 Sewer Main 1,014'
- 8" SDR35 Sewer Main 178'
- 10" SDR 35 Sewer Main 160'
- 12" SDR35 Sewer Main 14'





Construction

2024 – 2025 Completed Projects

- **Bourland St. Water Replacement**
 - Replaced 700' of 2" pipe with new 6" pipe
 - Laid 850' of 6" pipe
 - City saved \$130,000
- **Upthegrove St. Water Replacement**
 - Laid 500' of 6" pipe
 - City saved \$50,000
- **Turtle Creek Water Loop**
 - Laid 1000' of 6" pipe and replaced all services
 - City saved \$111,000
- **Division St. Water and Sewer Replacement**
 - Laid 600' of combined utility pipes
 - City saved \$100,000

Construction

2024 – 2025 Planned Projects

- **Walnut St. Sewer Replacement**
 - Replace 600' of 6" pipe with new 6" pvc
 - City will save \$80,000

The City of Greenville will have saved approx. \$471,000 by performing these projects in house.





Household Hazardous Waste

2024-2025 Collection Amounts (lbs)

■ Flammables	350
■ Corrosives	1,649
■ Oxidizers	217
■ Pesticides	690
■ Herbicides	474
■ Fertilizers	195
■ Batteries	942
■ Automotive Fluids	1,482
■ Oil Filters	194
■ Paint/ Paint Related	2,035
■ Tires	25,792

Total lbs. disposed 4,781

Total lbs. recycled 33,961

2024-2025 Completed Projects

Washington St. Water Main

Replace 1,600' of 20" main and services from Wright St. to Stonewall St.



2024-2025 Completed Projects

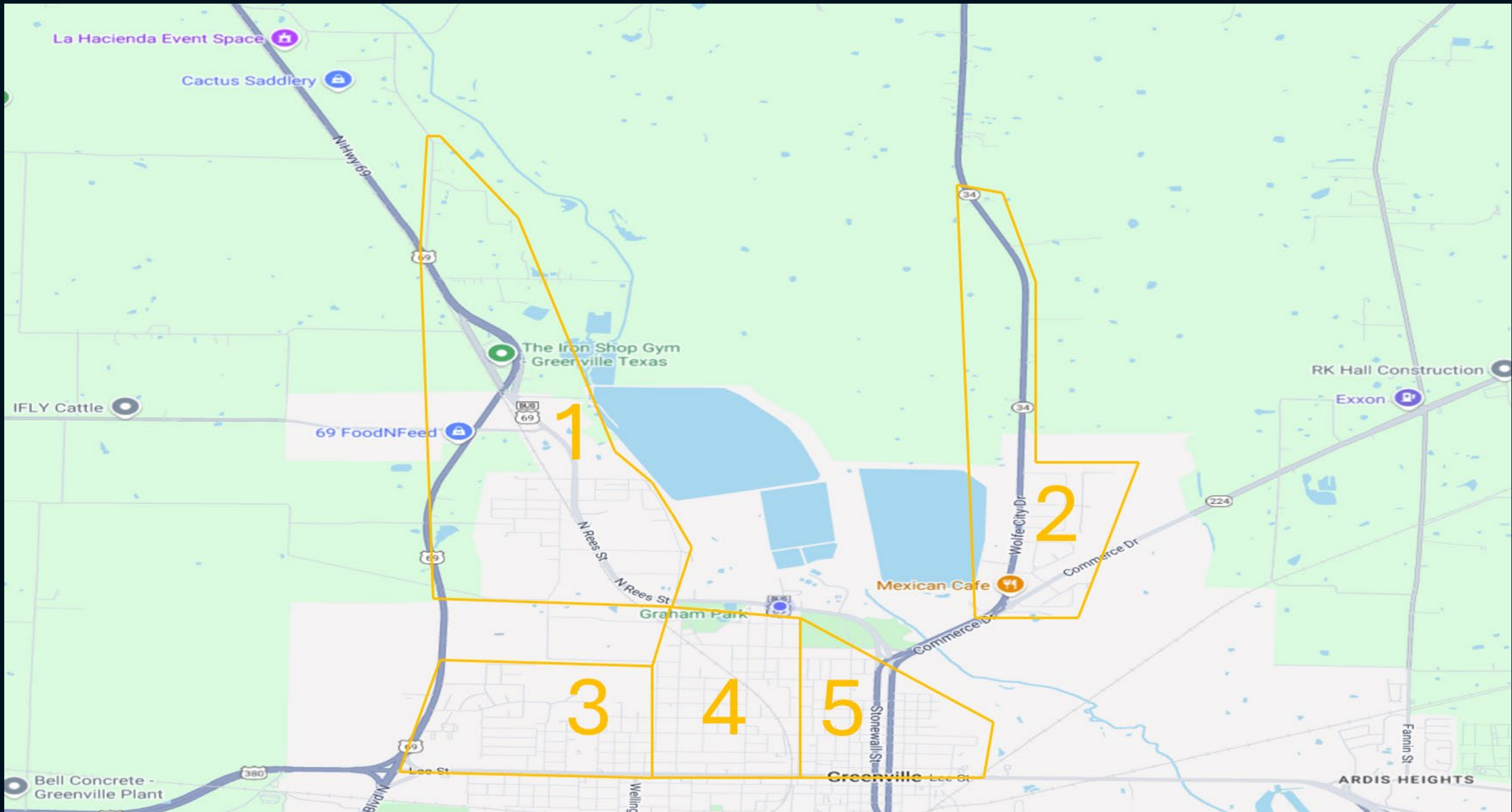
Sewer Pipebursting Project (Main, Bliss & I30 Service Rd)

Replace 4,550' of clay sewer main feeding the Wal-Mart & Graham LS



AMI Meter Project

- Peniel and Reavlon areas are completed.
- Approx. 1,000 meters have been swapped in these areas.
- Majority of materials delivered to Service Center or C&M warehouse
- Monopole installations will begin next month at Ja-Lu and WWTP



2025-2026 CIP Requests

East Loop Transmission Main Replacement

Replace the East Loop transmission main with fused PVC. The current pipe type, concrete cylinder pipe, can only be repaired by contracted welders. This project will replace roughly 6.5 miles of main, valves, side feed connections and ARV's. Phase 1 will be completed later this year. This will replace the 20" main between Anderson St. to Division St.

Phase 2	\$1,800,000
Phase 3	\$1,600,000
Phase 4	\$ 750,000
Phase 5	\$1,700,000
Phase 6	\$2,900,000
Phase 7	\$1,600,000
Project Total	\$10,350,000



2025-2026 CIP Requests

Wolfe City Dr Sewer Main Replacement Phase 1

This section of sewer main collects the west side of Reavlon. Camera investigation has shown the deterioration of the pipe walls that allows a significant amount of inflow and infiltration. The main would be replaced by pipe busting due to the close proximity of other utilities and limited ROW available next to the Hwy 34. All manholes and service would be replaced. This would be part of replacing the Reavlon sewer trunk mains that feed to the treatment plant. All the trunk mains are in similar condition.

Total Project Cost: \$900,000



2025-2026 CIP Requests

Peniel Trunk Main Replacement Phase II

The Sewer Division has made significant efforts in recent years replacing and repairing sewer mains of the west side of the Peniel community. We have seen the amount of inflow and infiltration significantly reduced during rain events. Previously, Graham Park Lift Station would be overloaded during rain events. We estimate the increase of effluent coming to the lift station has reduced 60%. This project would replace the main from north of Cordell St. to Lakewood St.

Total Project Cost: \$1,200,000



2025-2026 CIP Requests

Single Axle Dump Truck (2)

Dump Truck #222 has a lot of problems with the front suspension. The truck has become a safety hazard since the the front suspension failed earlier this year.

Cost: \$150,000

Dump Truck #1502 is starting to show significant wear. Currently the truck has a difficult time raising and lowering the bed.

Cost: \$150,000

Skid Steer Hammer Attachment

The hammer attachment is considerably weaker from extensive use since its purchase in 2017. A new hammer would speed up the process of breaking up pavement. The spike tip has dulled and also is in need of replacement.

Cost: \$15,000



2025-2026 CIP Requests

Chevy 3500 Flatbed Utility Truck

This would replace Truck #1422 that was retired this year.

Cost: \$50,000



Questions?

WASTEWATER TREATMENT PLANT

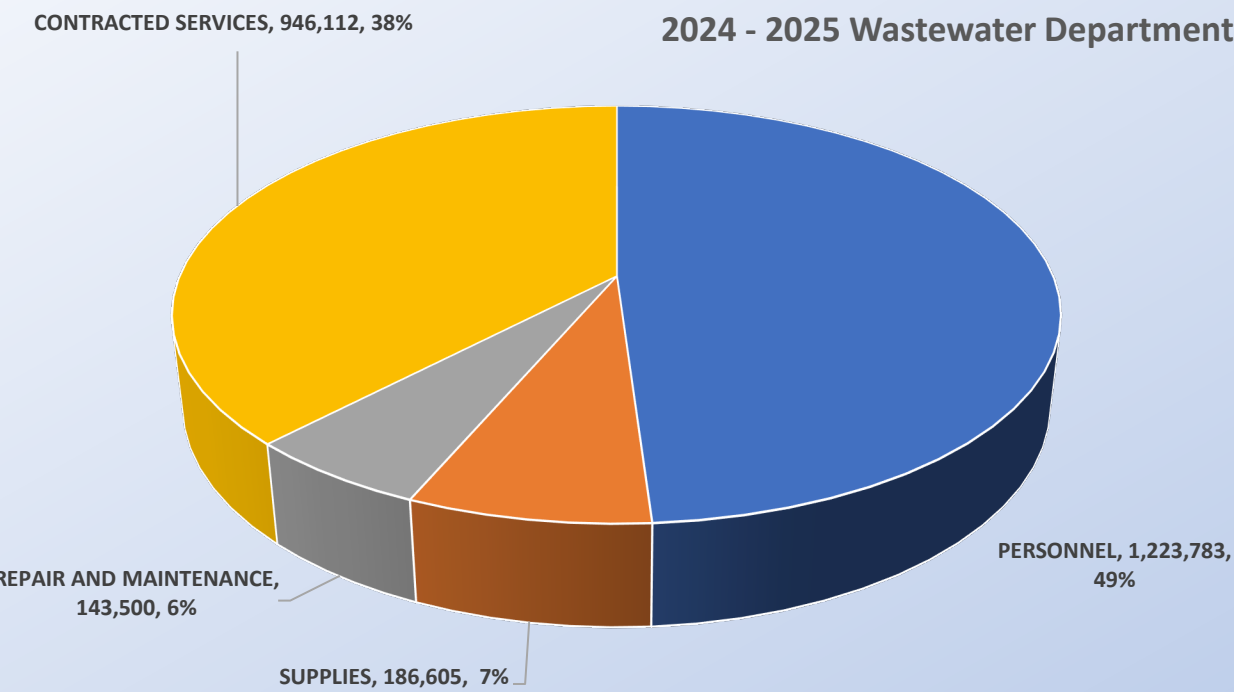
FY 2025-2026



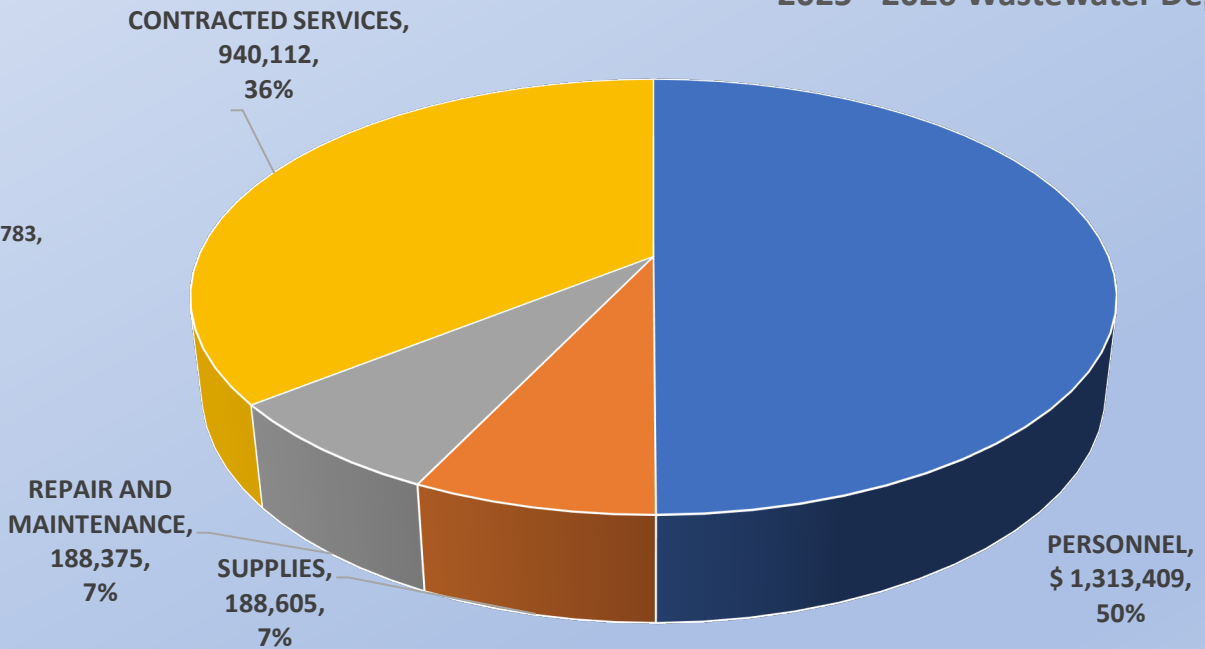
BUDGET



2024 - 2025 Wastewater Department



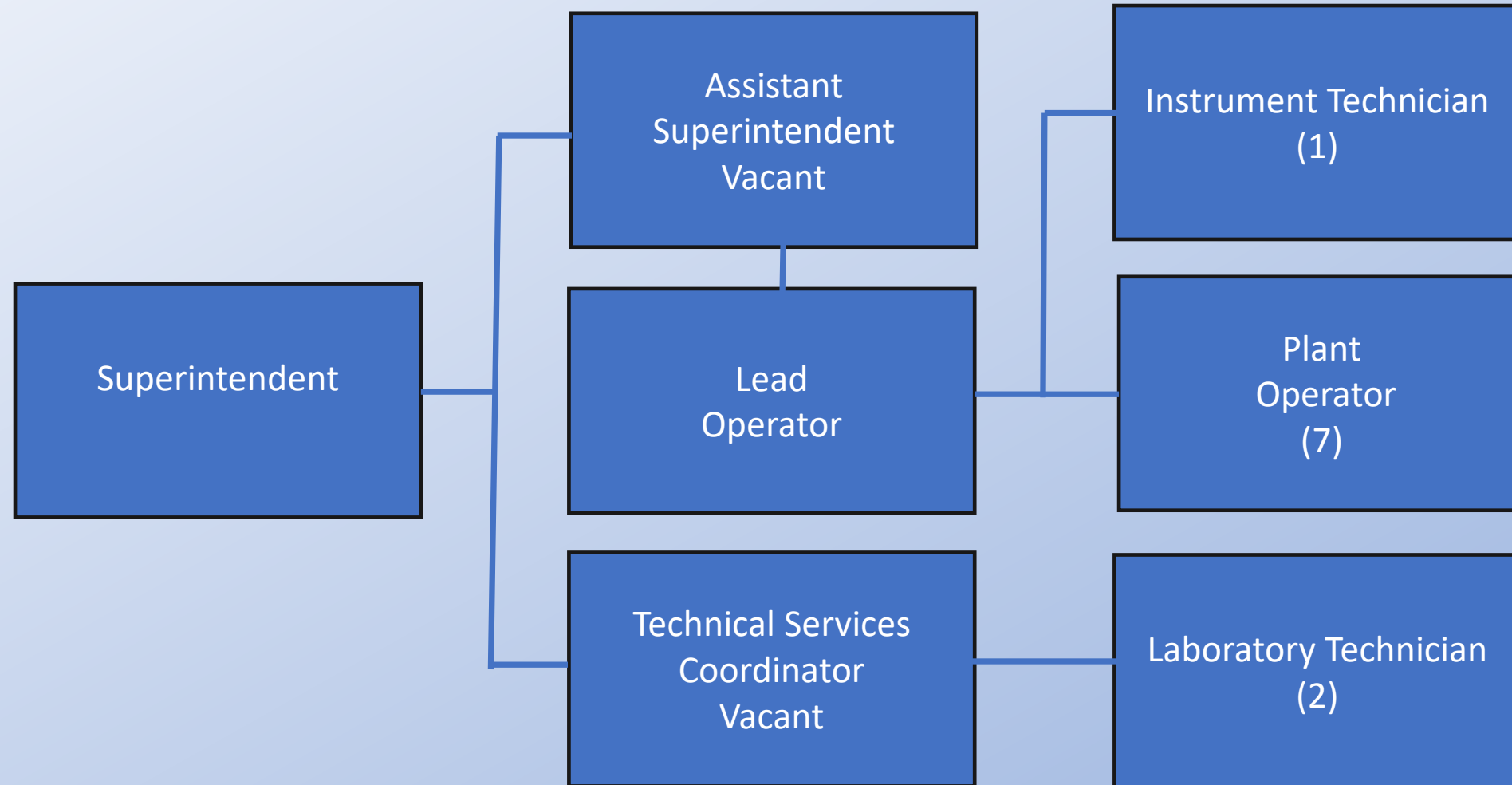
2025 - 2026 Wastewater Department



2024-2025 BUDGETED AMOUNT \$ 2,500,000
2025-2026 BUDGETED AMOUNT \$ 2,630,501

TOTAL BUDGET \$2,630,501
% Increase 24-25 to 25-26:
5.22%

WWTP STAFFING



14 POSITIONS

GOALS



- Receive and Treat 1.250 Billion Gallons Per Year to Meet All Texas Commission on Environmental Quality Permit Standards
- Return High Quality Effluent To The Sabine River Receiving Waters Preserving The Stream And Future Uses
- Maintain the Facilities for Long Service Life and Maximum ROI
- Provide 90 MG/Year Reclaimed Water to Irrigate the Municipal Golf Course
- Monitor Industrial Users Per Local, State & Federal Requirements
- Operate In-House Laboratory Per State and Federal Requirements
- Monitor Airport Stormwater Program Per State and Federal Requirements



Treated Effluent Leaving the Plant

MEASURES



- Pollutant removal Goals:
 - >92% Chemical Oxygen Demand
 - >98% Biochemical Oxygen Demand
 - >97% Suspended Solids
 - >98% Ammonia Nitrogen
- 24/7 Operator Staffing of The Facility
- 23 Buildings & Structures Maintained
- 15 Large Pumps, 8 Blowers & 28 Motorized Valves
- 3,712 Preventive Maintenance Tasks/Year
- 90 Unscheduled Maintenance Tasks/Year
- 2,940 Permit Parameters Verified/Year
- 1200 tons/Year Sludge Processed for the Landfill
- 7,452 In-House Lab Analyses/Year
- 1,231 Contract Lab Analyses /Year
- 2,170 Industrial Compliance Tests/Year – Evaluate Compliance
- 5,410 Loads Hauled Waste Received & Processed/Year Totaling 9.105 MG



Sequencing Batch Reactor Tank #1 in React Mode

CAPITAL REQUESTS



- Replace Admin Bldg. HVAC \$ 55,000



- Adding Video Surveillance at the WWTP \$20,000



QUESTIONS ?