

# CIP Update

• FY2025 Q2

April 24, 2025

**NBU** NEW BRAUNFELS  
UTILITIES

# Overview

- ❑ Program Status through January 2025
- ❑ Performance & Accomplishments for each line of business

## Mission

Strengthening our community by providing resilient essential services

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## Vision

Be a trusted community partner dedicated to excellence in service

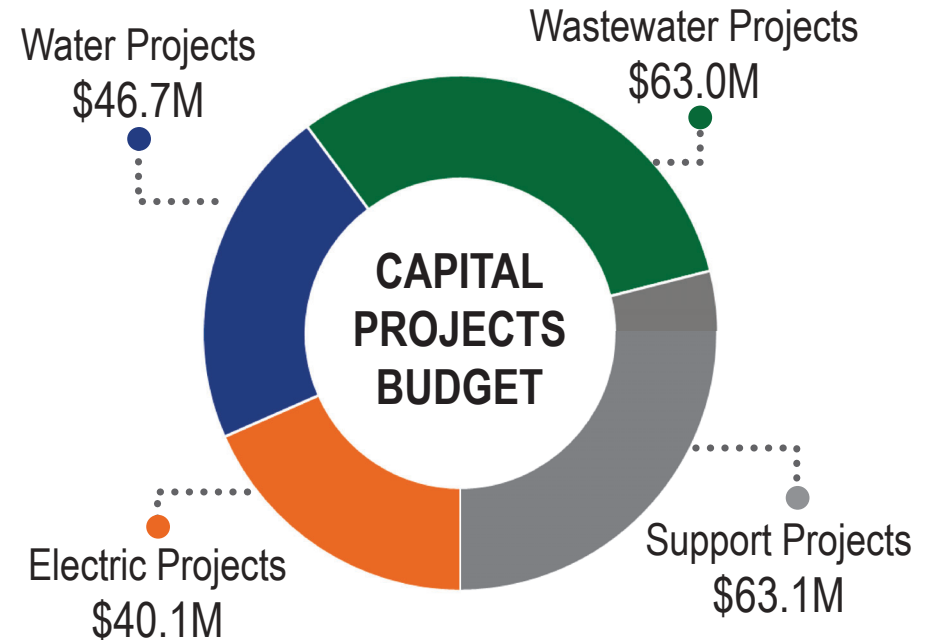
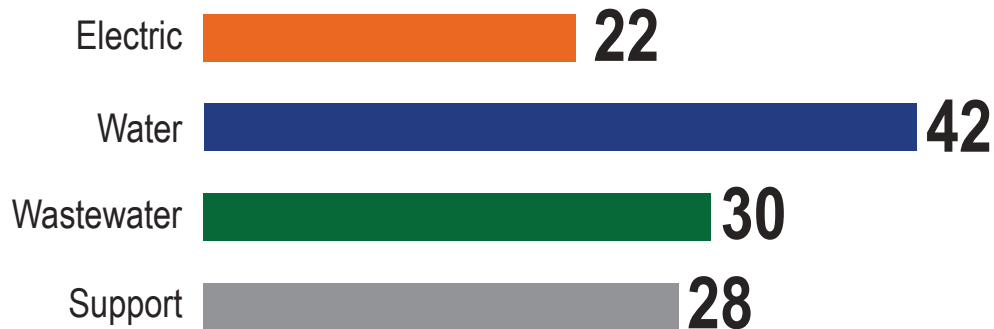
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## Core Values

Safety, Team, Integrity, Culture, and Stewardship

# FY 2025 Capital Projects

## PROJECT COUNT



### BUDGET

Developed in February 2024 based on expected project costs

**\$217,821,466**

### SPENDING

Year-to-date project spending through January 2025

**\$54,062,175**

### YTD %

Year-to-date project spending versus budget (January 2025)

**25%**

### VARIANCE

Difference between budget and year-end projected costs

**\$51,418,461**

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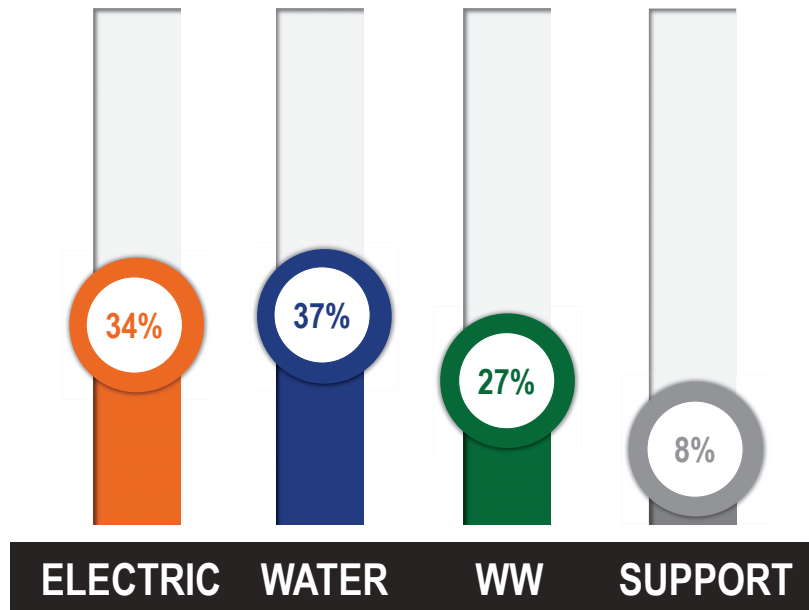
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# FY 2025 Spending vs Budget

## YTD Actual Spending vs Budget



- All lines of business less than 50% spent through Q2
- Three lines of business excluding support project to average 90% spending by the end of fiscal year
- NBU HQ site work has commenced but will not reach anticipated budget spending this fiscal year

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# Project Stage

	NOT STARTED 	PLANNING OR STUDY 	DESIGN & LAND ACQ. 	CONSTRUCTION OR EXECUTION 	COMPLETE 
 WATER	3	→ 2	→ 20	→ 16	→ 1
 WASTEWATER	2	→ 1	→ 14	→ 12	→ 1
 ELECTRIC	5	→ 0	→ 7	→ 9	→ 1
 SUPPORT	5	→ 8	→ 3	→ 9	→ 3
<b>Q2 TOTAL</b>	<b>15</b>	<b>→ 11</b>	<b>→ 44</b>	<b>→ 46</b>	<b>→ 6</b>
<b>Q1 TOTAL</b>	<b>22</b>	<b>→ 10</b>	<b>→ 45</b>	<b>→ 41</b>	<b>→ 4</b>

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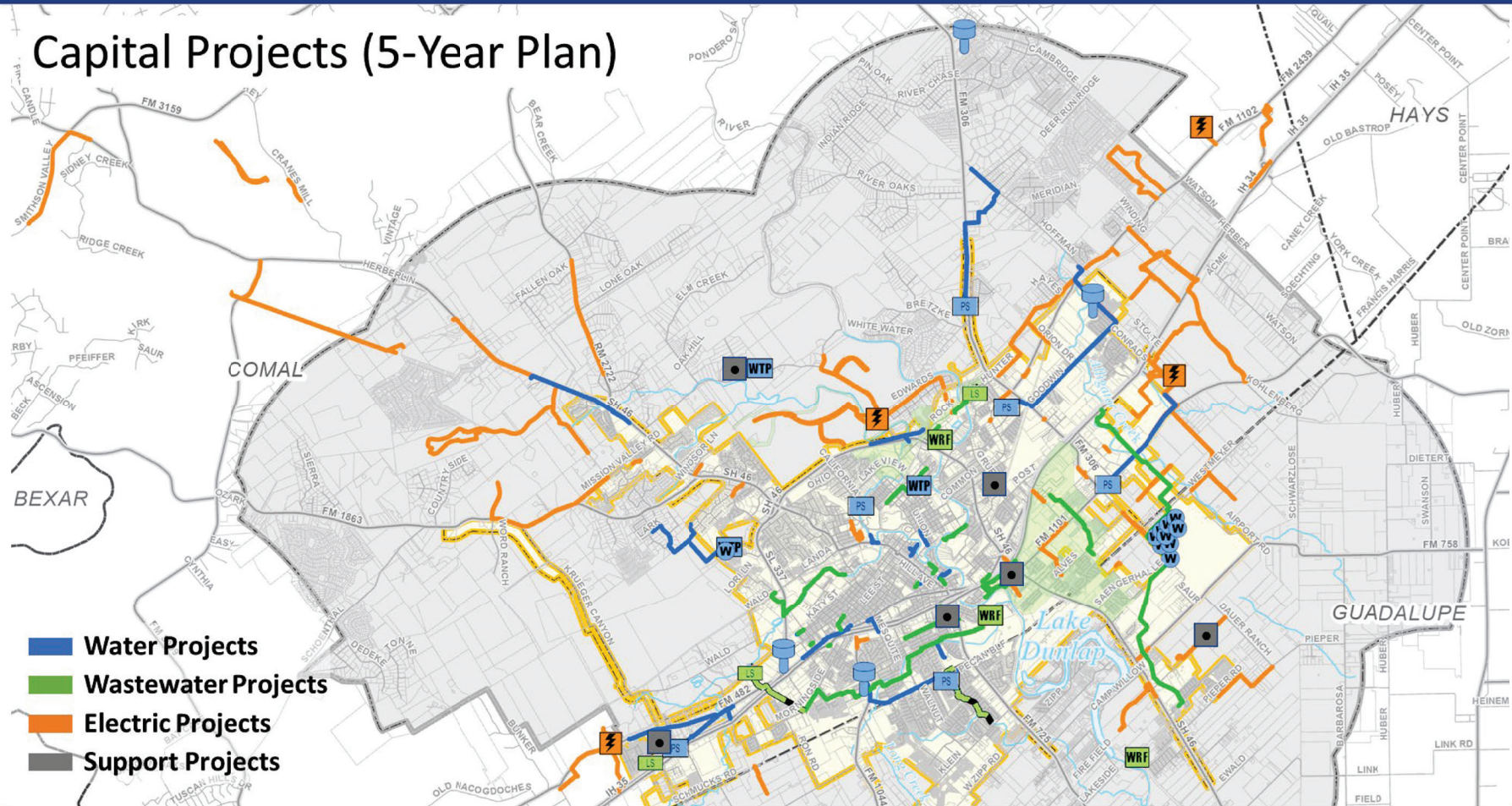
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# Capital Projects (5-Year Plan)



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# Traffic Impacts

— Current Traffic Impacts

— Traffic Impacts Expected in the next 6 months (none)

## Sewer Infrastructure Replacement Pkg 2 Phase 1

- Traffic impacts: Lane and road closures Spring 2026-Early Fall 2026
- Expected Notice To Proceed (“NTP”) : Late 2025

## Gruene Road Sewer Main Rehab/Relocation

- Traffic impacts: Lane and road closures and minor detours
- Expected NTP: October 2025

## Simon Street Improvements

- Traffic impacts: Lane closures Summer 2025-Fall 2025
- Expected NTP: May 2025

## Turn Lane / Entrance to HQ Property

- Traffic Impacts: Lane closure May 2025-September 2025

## FM 1044 EST

- Traffic impacts: Minor construction traffic, no closures
- Expected Completion: Mid-2026

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# CIP Performance and Accomplishments



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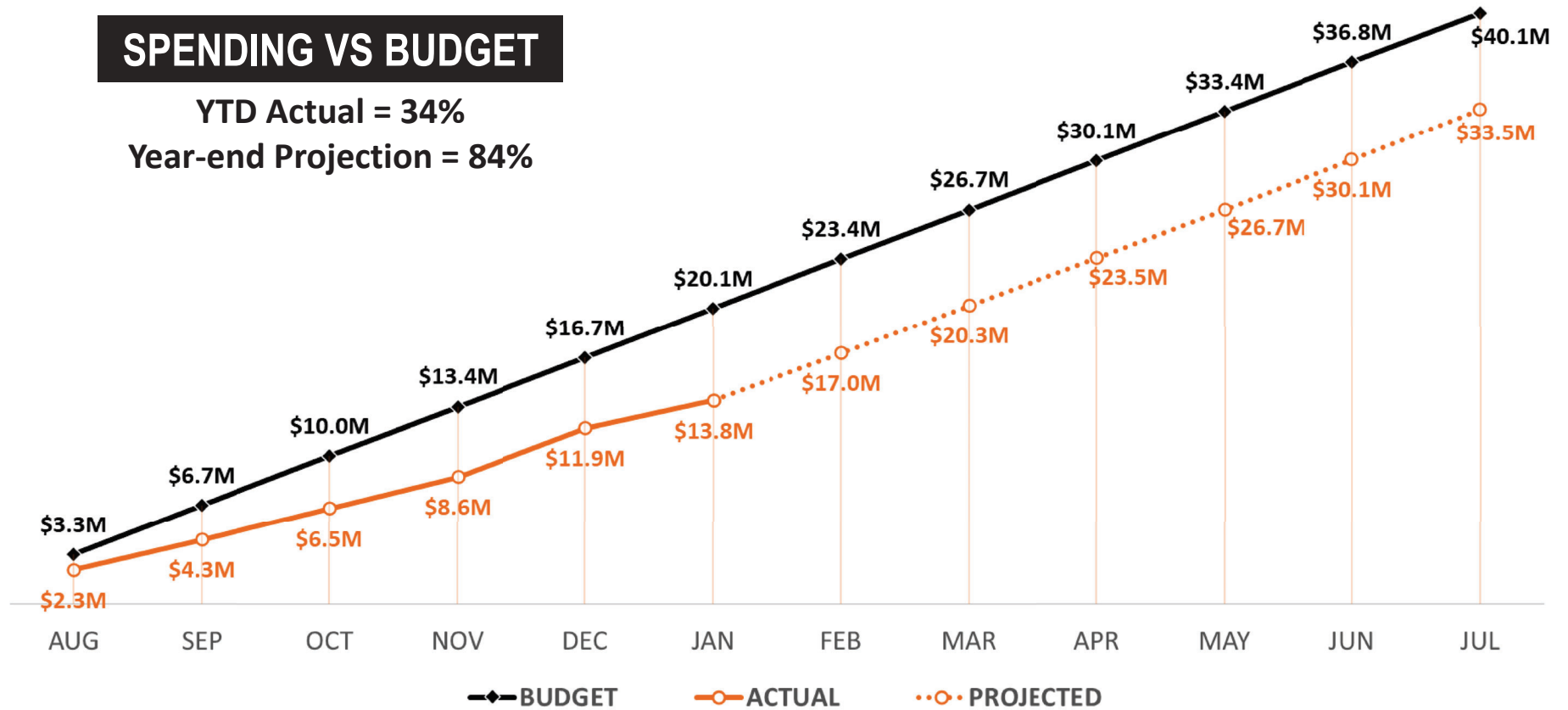




# Electric – Spending vs Budget

## SPENDING VS BUDGET

YTD Actual = 34%  
Year-end Projection = 84%



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# Q2 Electric Accomplishments

- Added 711 metered customers Q2 FY25, primarily within previously completed developments, single-family and multi-family.
- Energized service to 2 new single-family projects. Projects include
  - Gatehouse Unit #1
  - Meyer Ranch Unit #13
- For Meyer Ranch#13, completed construction of an additional 1500' of bulk-grade distribution underground along Walker Run. 230 Lots are also to be served within Meyer Ranch#13. This line segment becomes part of the HW22 feeder.
- Completed 3,000' of three-phase overhead extension from the Henne Substation to IH-35. Only the underground cable crossing to IH-35 remains, with High Density Polyethylene (HDPE) conduit ("Roll Pipe") crossing installed by the Mayfair developer. This will become the Guthrie Trail feeder, Feeder#50.
- Electric Substations installed and commissioned the FR22 Breaker, to be used as a spare breaker short term but as a future feeder source, to the Kowald Ln. feeder, within 18 months.



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# Feature Projects - Electric



## DISTRIBUTION



## TRANSMISSION



## SUBSTATION



### IH-35 NEX & IDV Schertz.

Completion: February 2025

Purpose: This pair of projects provides service to Park 35 and adjusts the three-phase overhead line in preparation for IH-35 road widening. Contract crews are substantially complete with the three-phase overhead adjustment fronting the Park 35 / IDV Schertz project and across IH-35. The IH-35 NEX scope is reimbursable to NBU by TxDOT. NBU had to order “Buy-America” poles to qualify for reimbursement.

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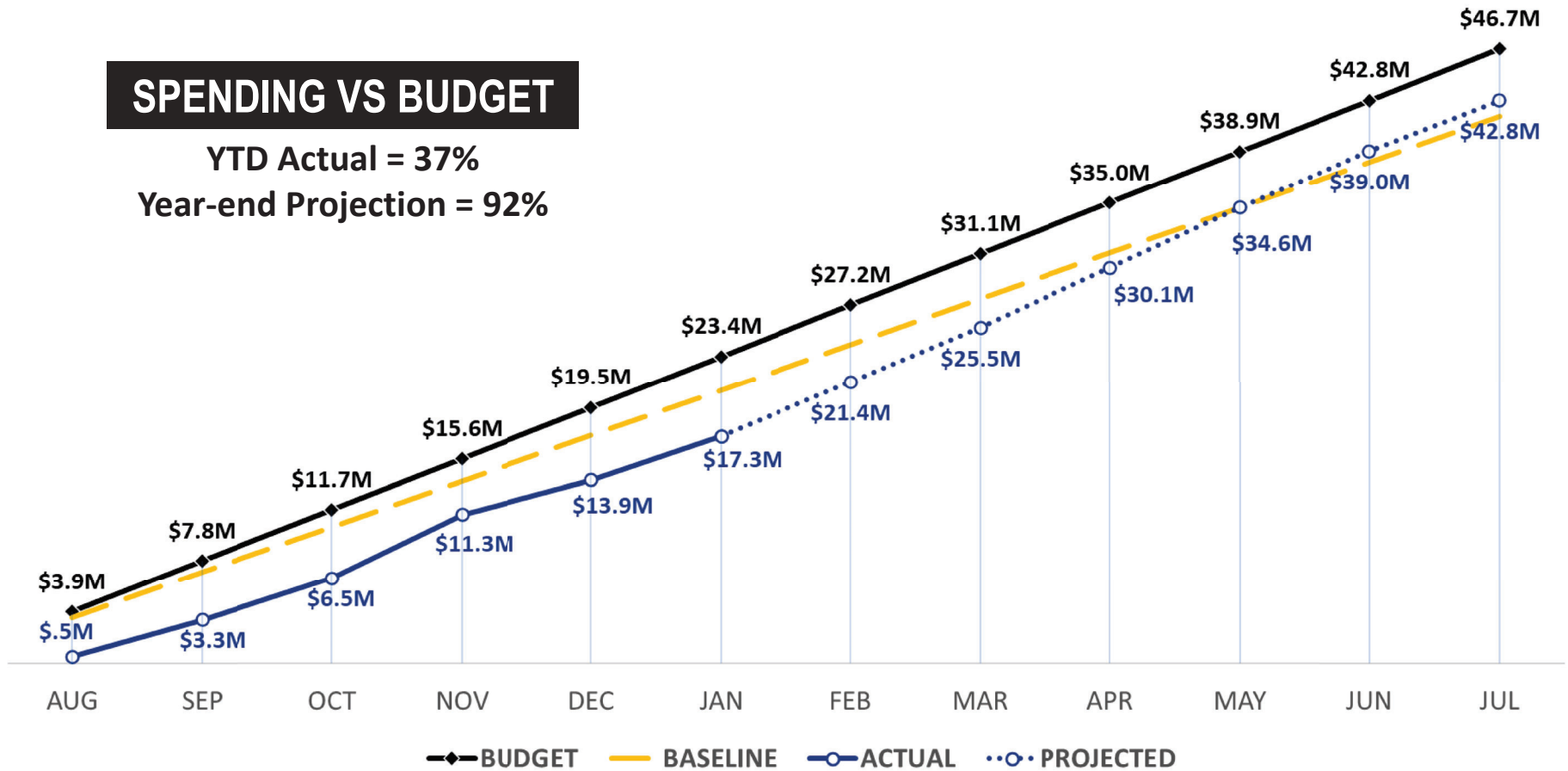
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# Water – Spending vs Budget

## SPENDING VS BUDGET

YTD Actual = 37%  
Year-end Projection = 92%



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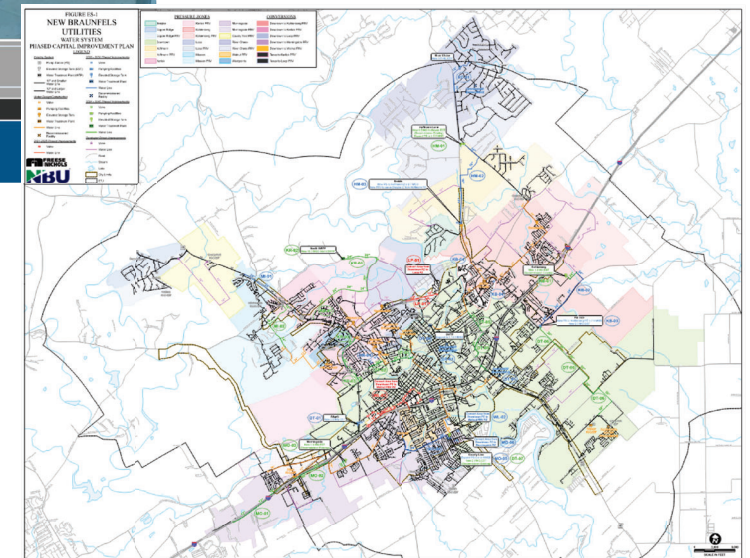
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# Q2 Water Accomplishments

- Bid process completed:
  - Simon Street Improvements
  - Sewer Infrastructure Replacement Pkg 2 Phase 2
- Landa Pump Station Expansion Substantially Complete
- Began rehabilitation of Loop 337 and County Line Ground Storage Tanks
- Kicked off 2026 W/WW Master Plan Project



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# Feature Projects - Water

## WATER

SUPPLY



TREATMENT



DISTRIBUTION PUMPING



TRANSMISSION



ELEVATED STORAGE



### Simon St Improvements

Expected Completion: Fall 2025

Purpose: Provide redundant waterline to the Guada Coma Neighborhood due to the Last Tubers Exit waterline river crossing being abandoned. The Project will also relocate and lower the sewer main to provide reliable service and allow for roadway reconstruction.

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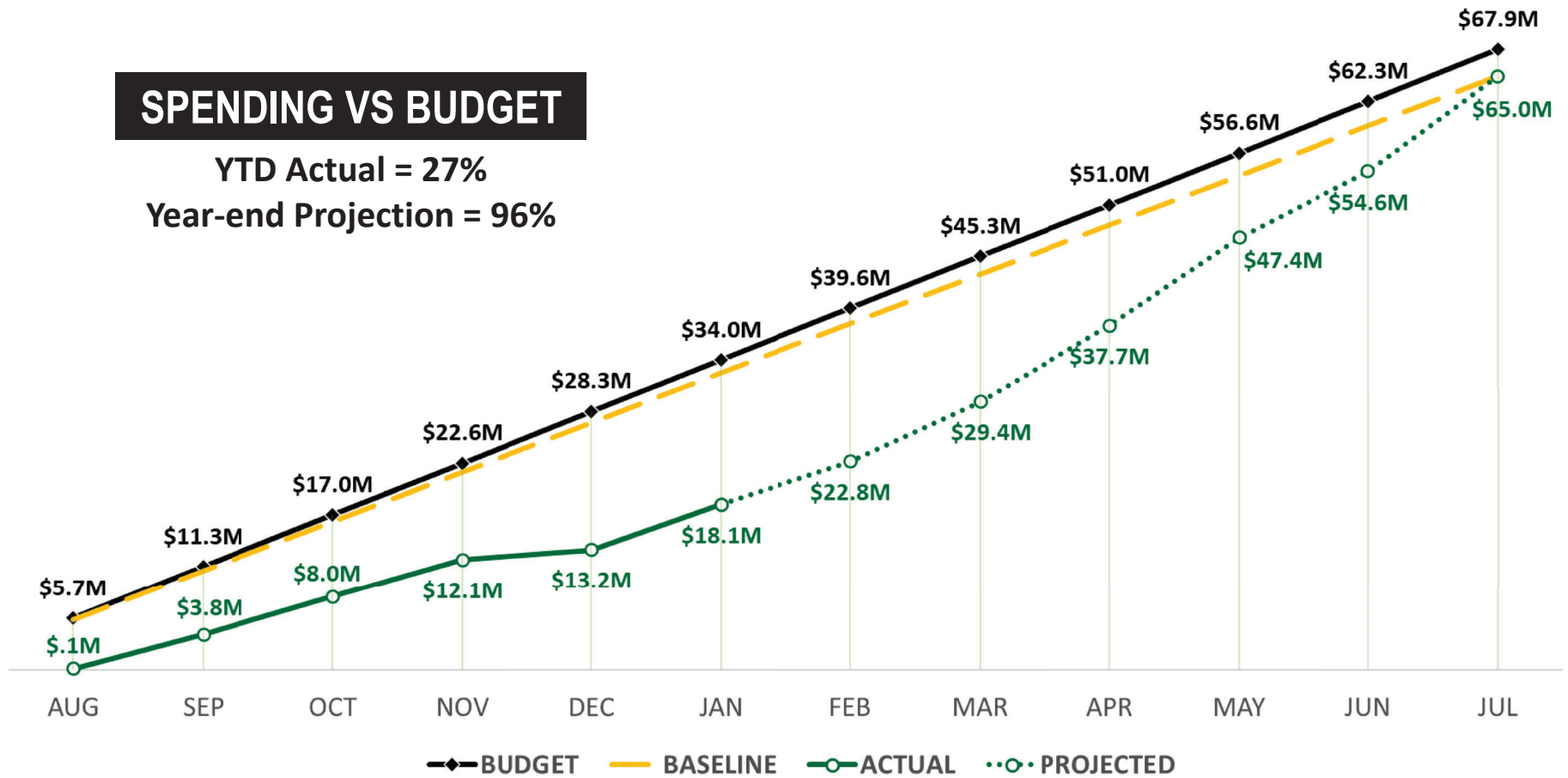
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# Wastewater – Spending vs Budget

## SPENDING VS BUDGET

YTD Actual = 27%  
Year-end Projection = 96%



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# Q2 Wastewater Accomplishments

## OVERALL SITE



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# Q2 Wastewater Accomplishments

PLANT 2



DIGESTORS



TERTIARY FILTERS



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# Feature Projects - Wastewater

## WASTEWATER

### COLLECTION



### TRANSMISSION



### TREATMENT



### South Kuehler Interceptor Phase 1

Expected completion: Summer 2026

Purpose: Construction of approximately 6,000 linear feet of 36-inch and 42-inch gravity sewer main to replace a portion of sewer main in poor condition and additionally upgrade another portion for future growth in the South Kuehler wastewater basin.

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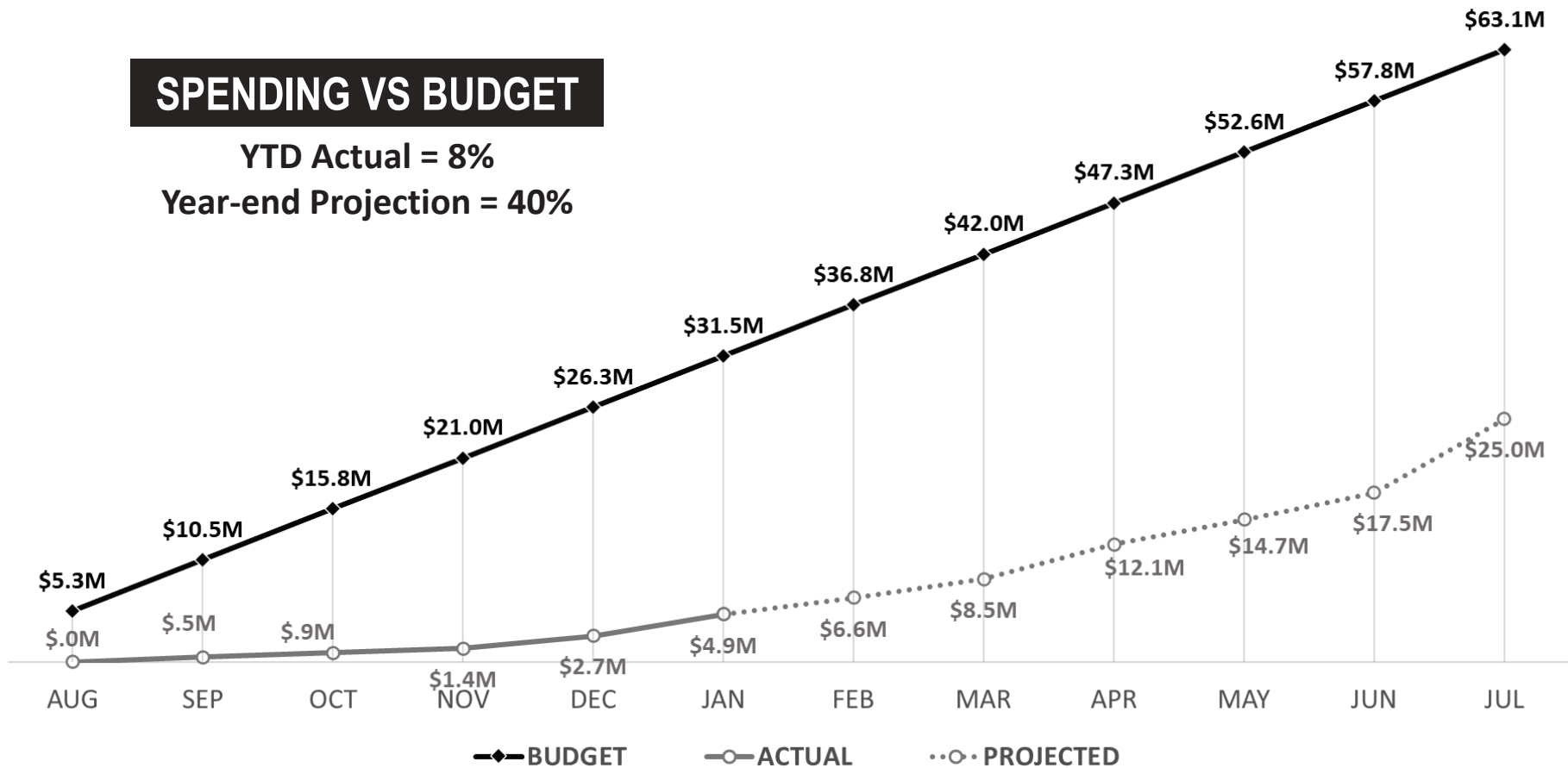
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# Support – Spending vs Budget

## SPENDING VS BUDGET

YTD Actual = 8%  
Year-end Projection = 40%



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# Q2 Support Accomplishments

## CSC Move Phase II

- **IT Department:**
  - Tested network connectivity
  - Verified all needed equipment for Customer Service move to CSC
- **Facilities Department:**
  - Ensured all furniture was properly set up
  - Scheduled the moving company
- **Collaborative Efforts:**
  - Oversaw the move of all IT equipment, files, and pre-packed crates
  - Included departments: Call Center, Applications, Cashiering, Billing, New Construction
- **Completion:**
  - Move completed during the first weekend of January
  - Customer Service operational first thing Monday morning



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# Feature Project - Support

## SUPPORT

### FLEET & FACILITIES



### INFORMATION TECHNOLOGY



### OPERATIONAL TECHNOLOGY



### DATA STRATEGY



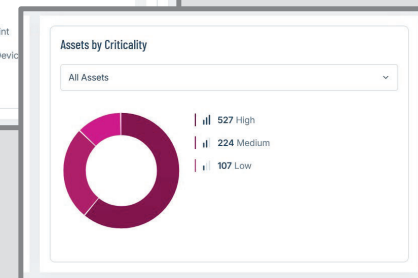
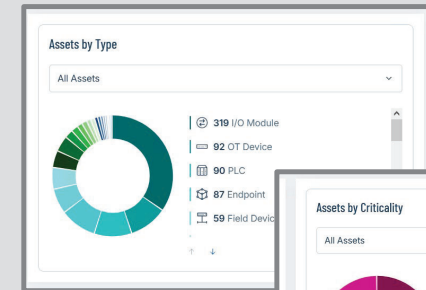
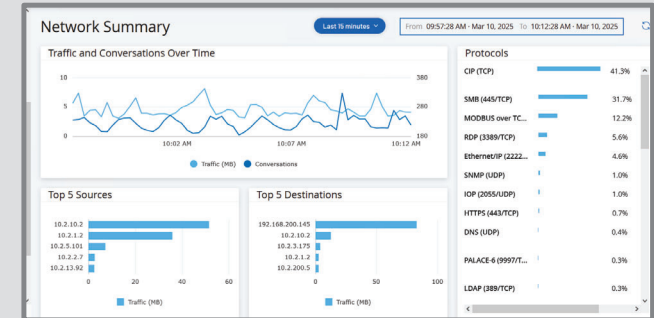
## Cybersecurity Monitoring

Completion: Q2 2025

Purpose: Installed and launched a network security product which allows additional visibility, security, and control across our water and wastewater environments.

Key benefits include:

- blind-spot elimination by monitoring network pathways in, out and between the SCADA environment
- asset and risk management by discovering network devices across the network and using GenAI, to rank risk categories
- allows stakeholders to manage vulnerabilities and close software/firmware/hardware security gaps.



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## QUESTIONS

### **Mission**

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### **Vision**

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### **Core Values**

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