

July 9, 2025

2025 Capital Improvement Program Mid-Year Update

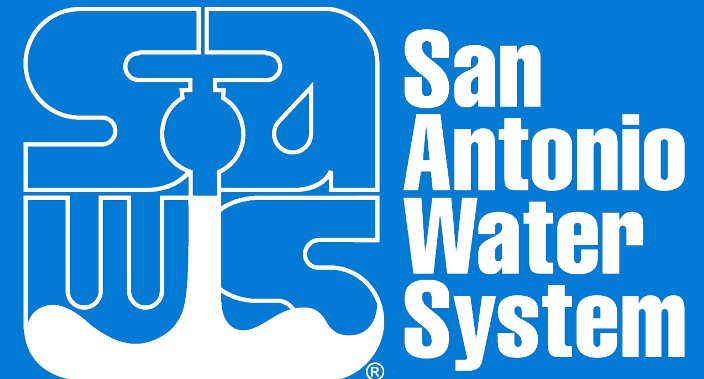
Mark Schnur & Thomas Graham

Project Controls

Marisol Robles

Program Manager - Small Business Opportunities

2025 CIP – Mid-Year Update



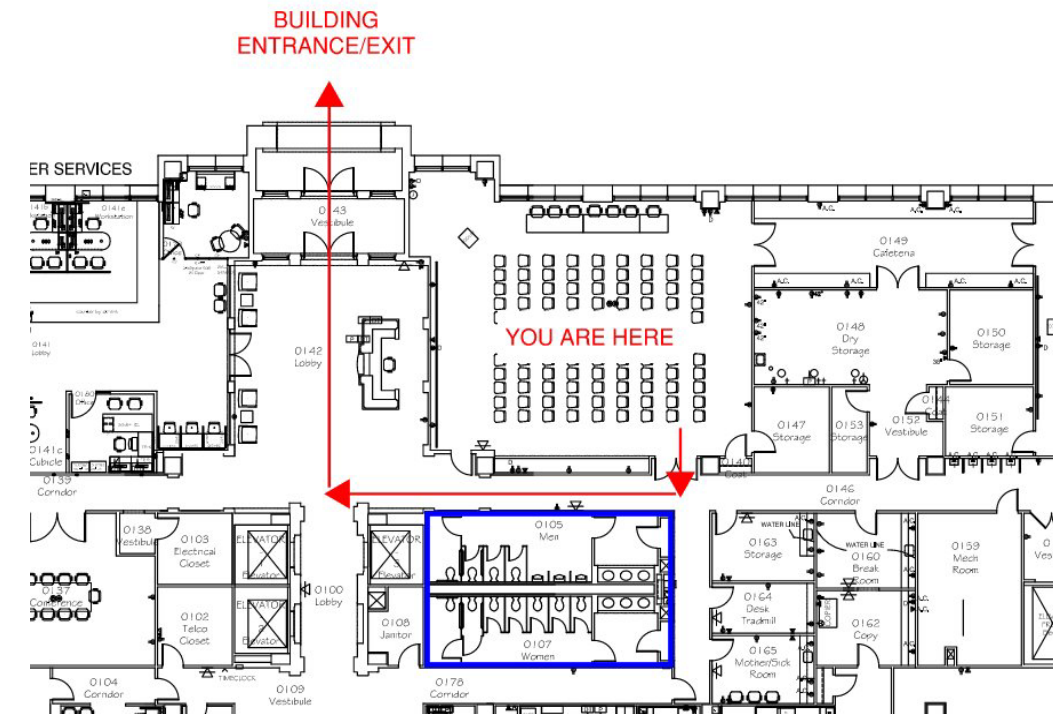
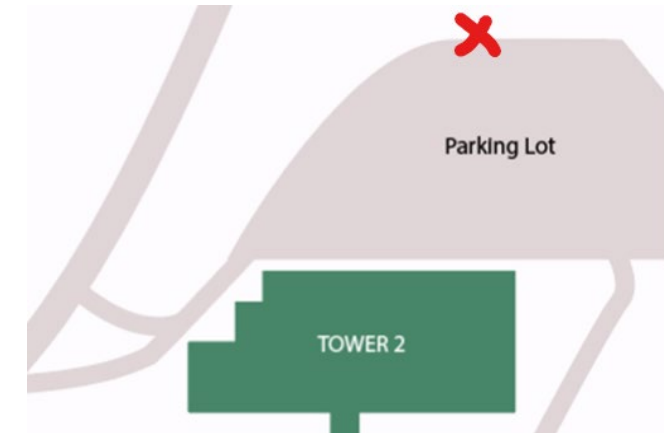
Safety

July 8 Housekeeping

- Tower 2 Emergency Egress
- Restrooms
- Phones on silent

Safety is a SAWS Core Value

- If you **see something** you think looks unsafe, **say something**
- Our goal is for everyone to go home safely each day!

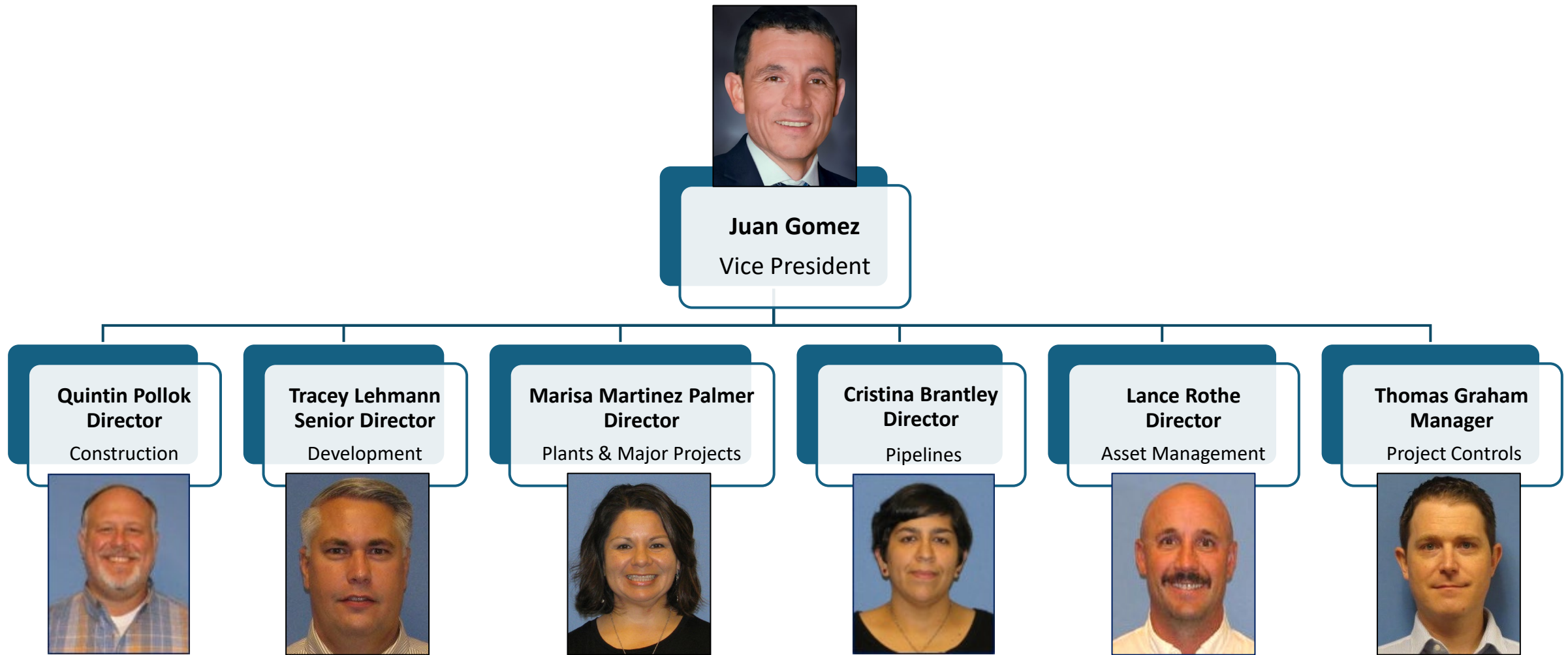


2025 CIP – Mid-Year Update

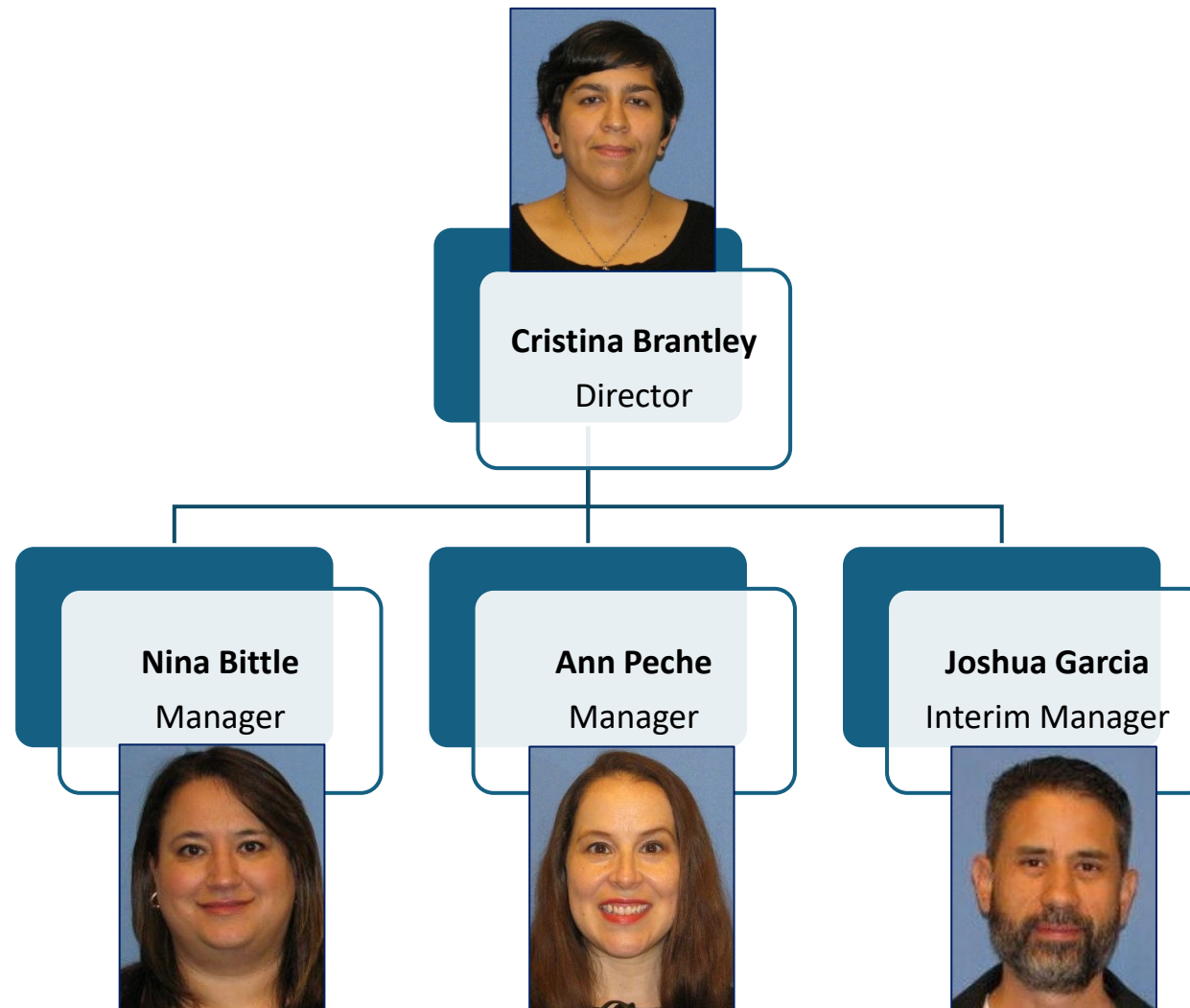
Agenda

1. SAWS Teams
2. CIP Planning
3. 2025 CIP Overview
4. 2025 CIP Execution Status
5. 2026-2030 CIP
6. Small Business Opportunities Program

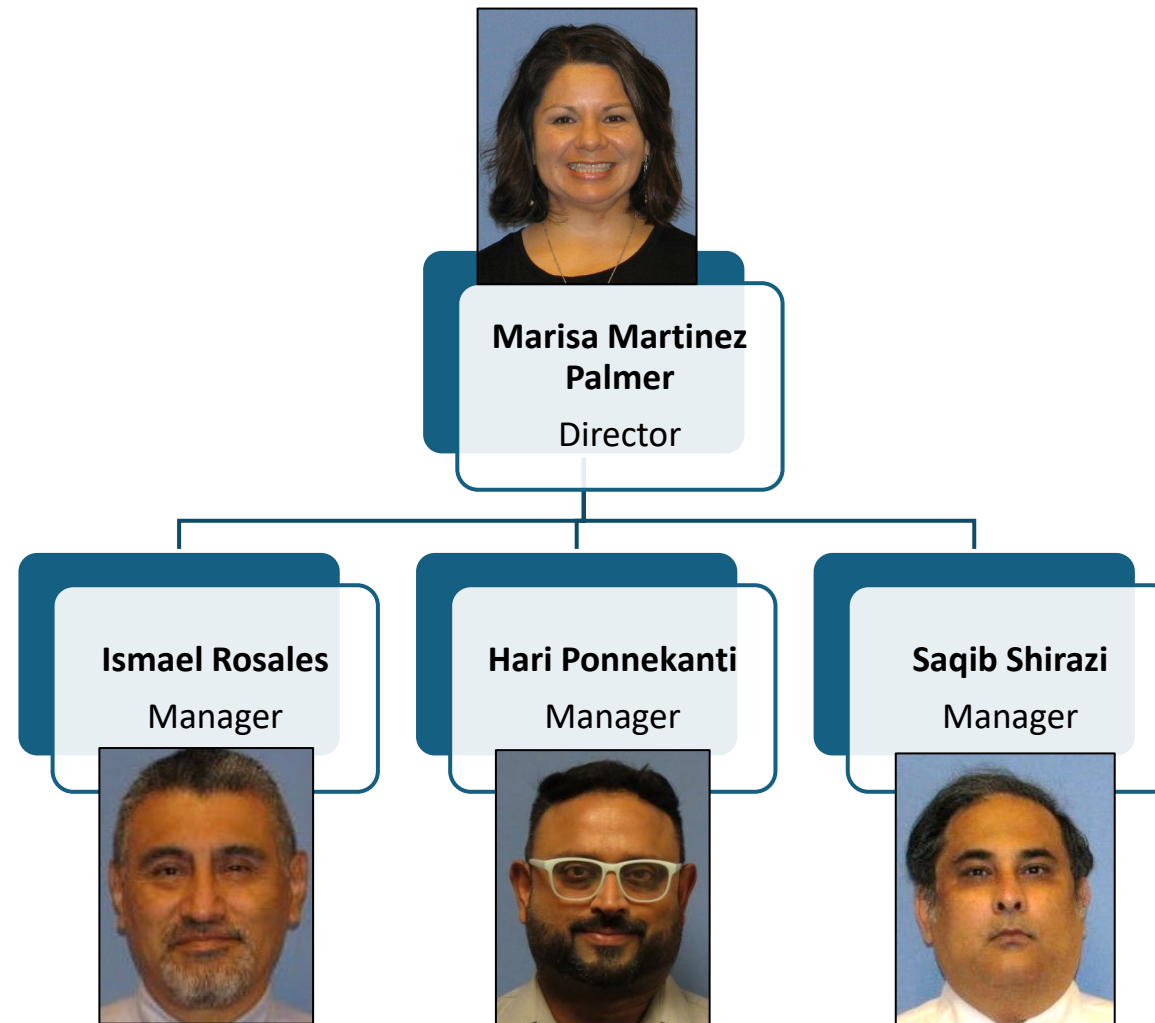
Engineering and Construction Department



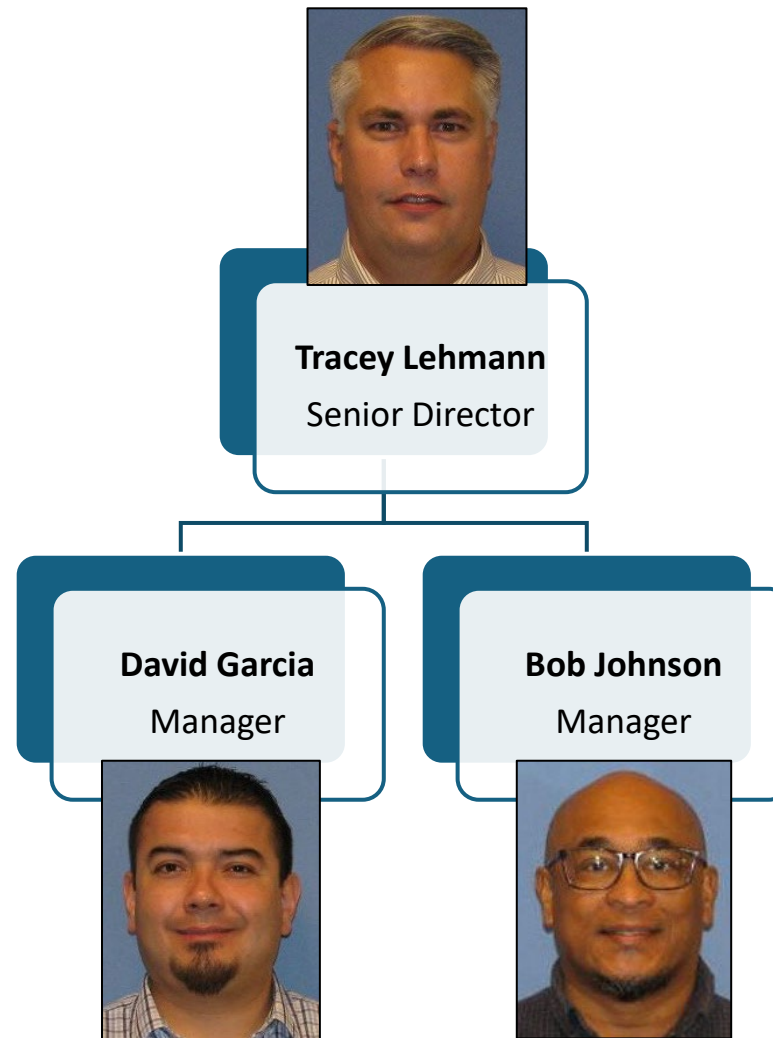
Pipelines Engineering



Plants and Major Projects



Development Engineering

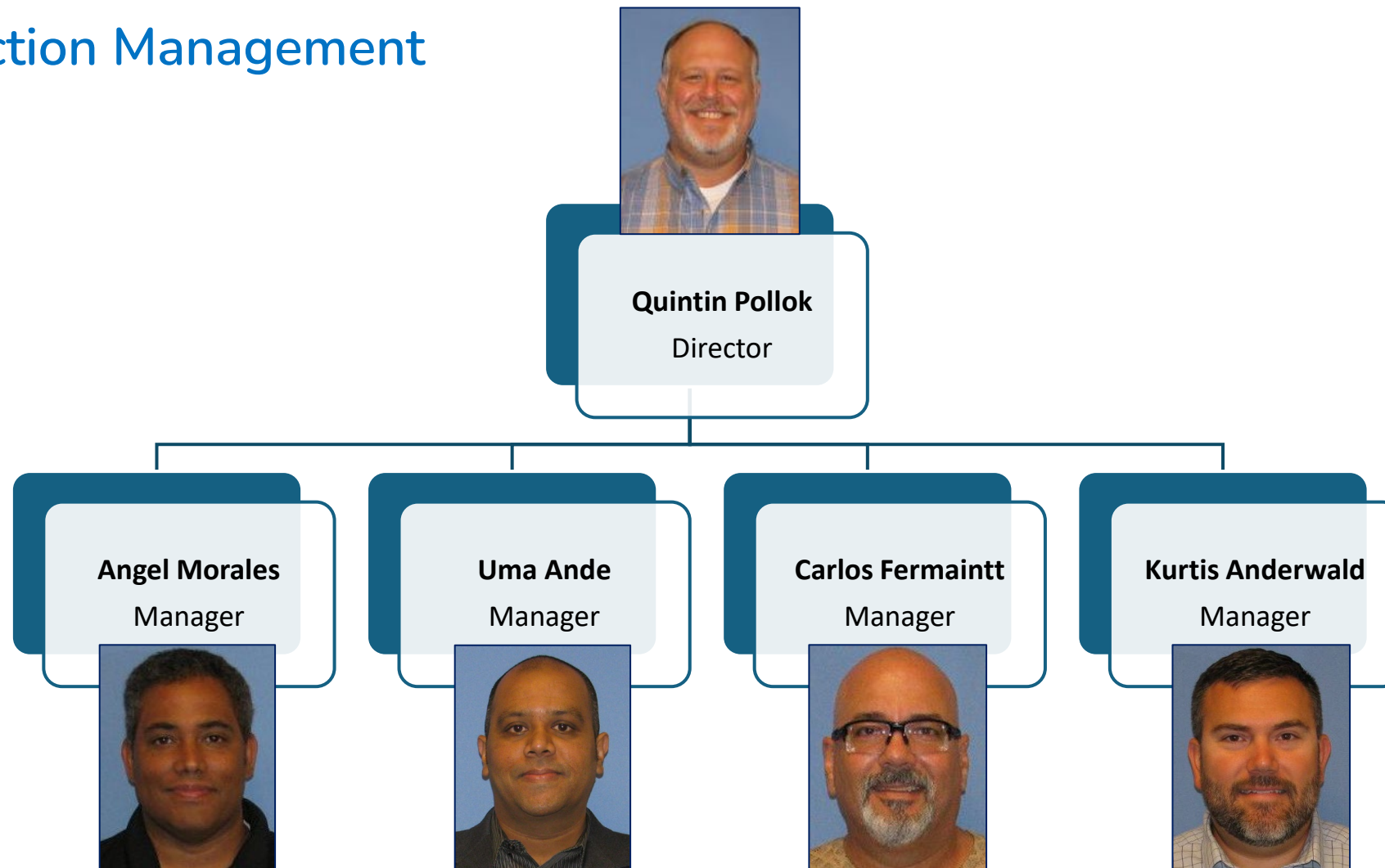


Asset Management



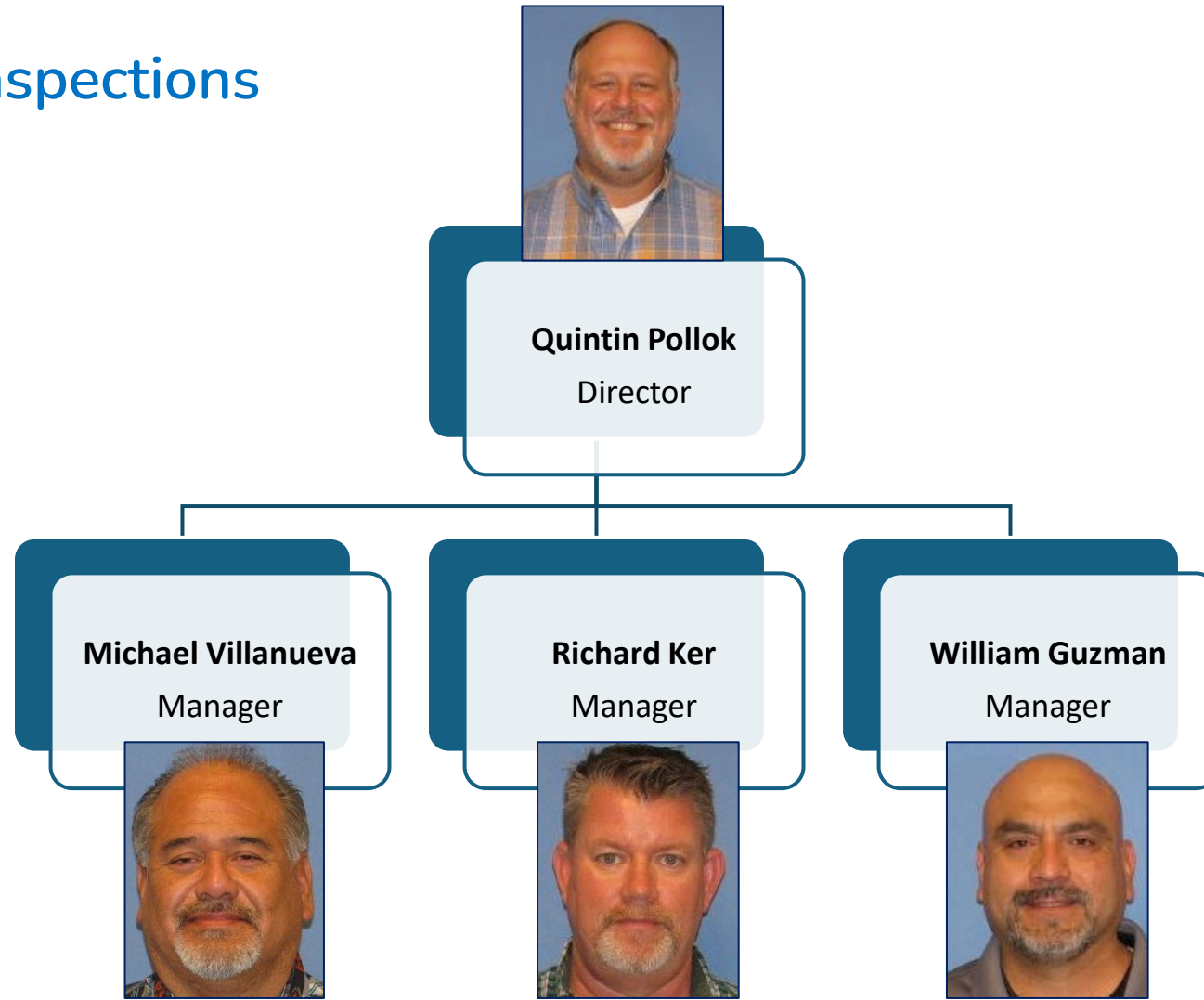
Construction

Construction Management

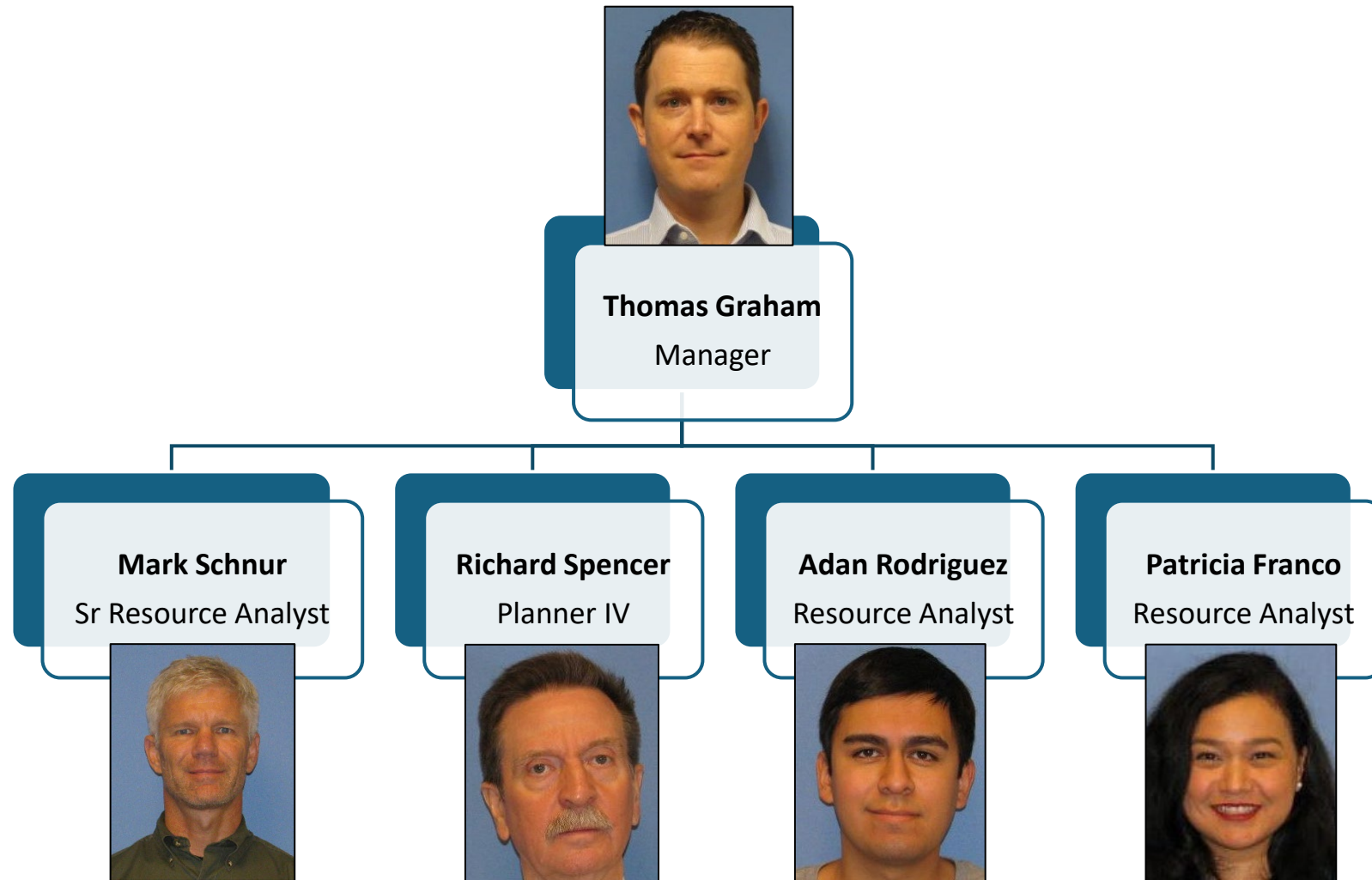


Construction

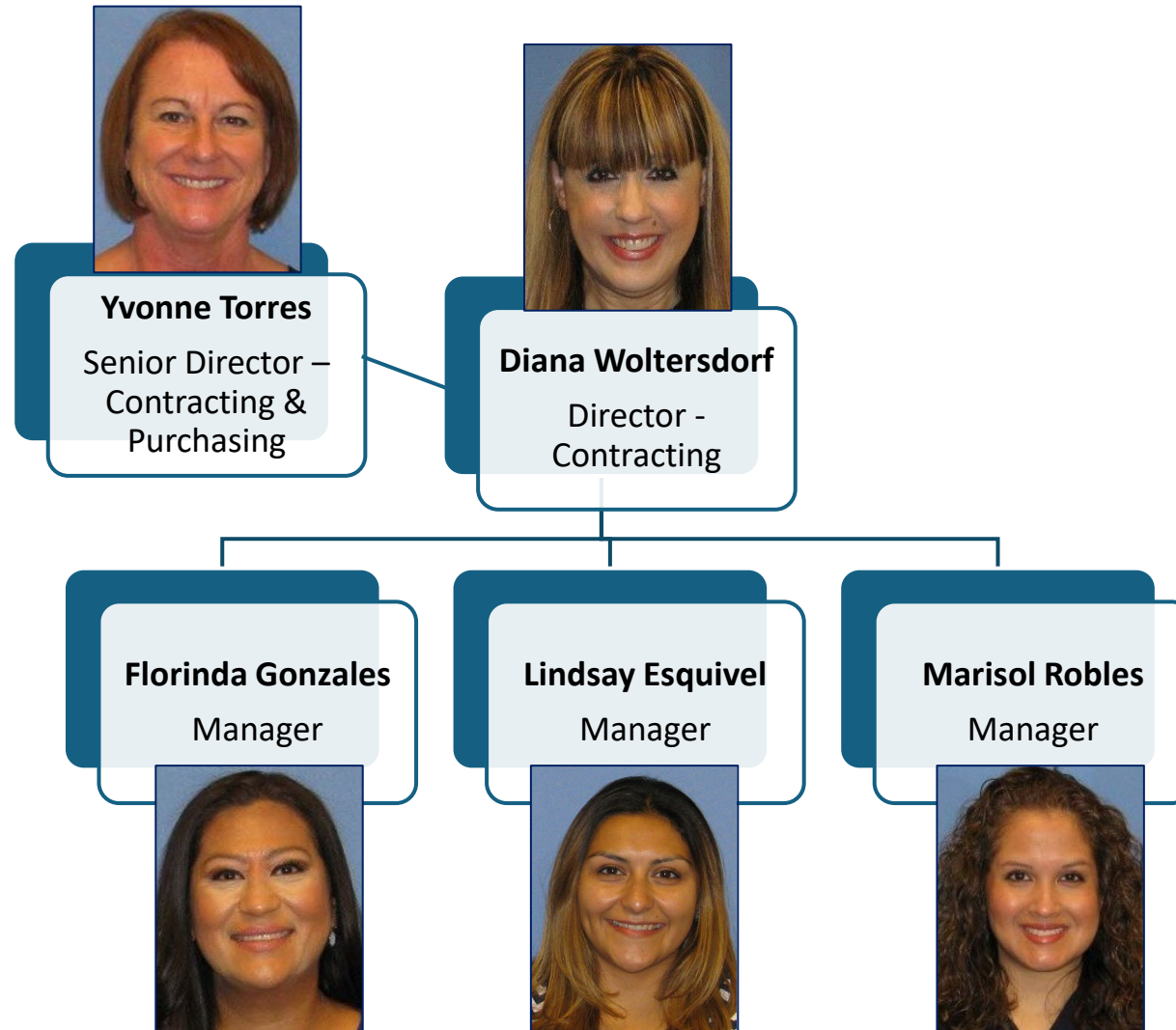
Construction Inspections



Project Controls



Contracting & Purchasing Department



Capital Improvement Program Planning

Our Mission

Sustainable, **Affordable Water Services**

Planning Documents & Master Plans

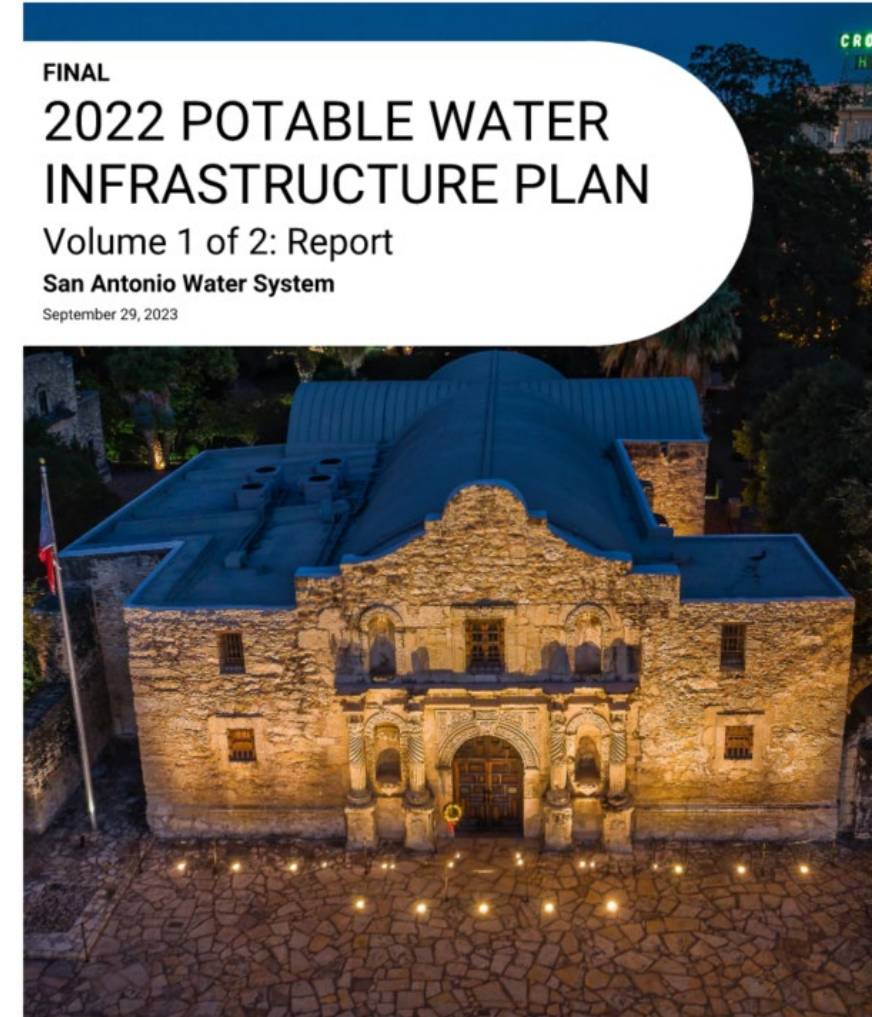
- Assist in identification of:
 - Infrastructure needs
 - Critical scope
 - Projects
 - Timelines / Sequencing
 - Constructability
 - Budgets (Five-Year plan)



Potable Water Infrastructure Plan

Addresses future capacity needs

- Objectives accomplished
 - Existing system performance evaluated
 - Future performance and needs predicted (to 2050)
 - Updated and calibrated hydraulic model
 - Patton Tank and Main in design (2027 construction)
 - \$400M in 2029-2035 CIP plan



Water Management Plan

What is the Water Management Plan (WMP)?

- Approved by Board in June 2025
- Guiding document to meet long-term water needs of SAWS' customers
 - Population projections
 - Water demands
 - Conservation programs and goals
 - Current and future supplies
 - Updated approximately every five years
 - ASR Treatment Capacity Expansion in design





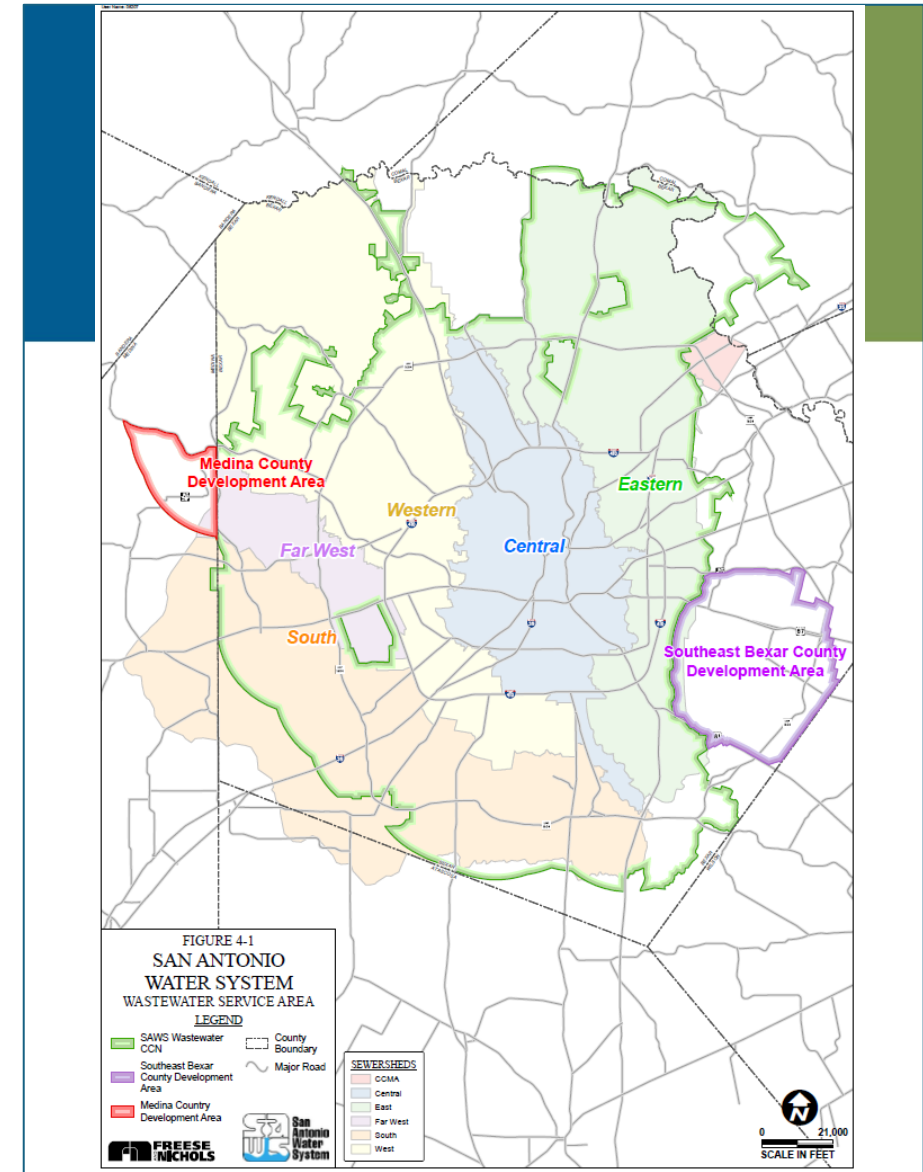
Wastewater Facilities Master Plan

\$770M in the Five-Year CIP (2025-2029)

- Looks at the holistic needs of SAWS Wastewater Treatment Facilities over a 30-year horizon
- Considers growth, future regulatory requirements and condition of the facilities
- Leon Creek WRC Hydraulic and Solids Improvements to award in December 2025
- Steven M. Clouse WRC Rehabilitation to award 2nd Qtr 2026
- RFQ for design at Salado Creek and Medio Creek WRC anticipated 4th Qtr 2025 or 1st Qtr 2026

WW Infrastructure Plan

- Covers SAWS collection system, and Southeast and Medina Development Areas (SEDA and MDA)
- Includes WRCs and Lift Stations
- Approximately \$215M in current CIP plan from short-term projects
 - Short-term – 2026
 - Intermediate – by 2039
 - Long-term – by 2050
 - Development – by 2080
- Potential for \$770M additional CIP through 2035



Asset Replacement Planning

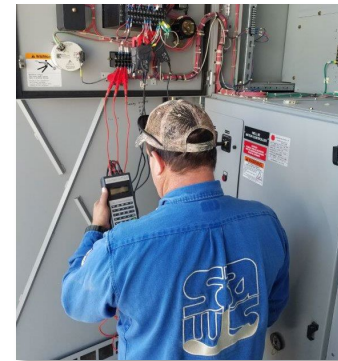
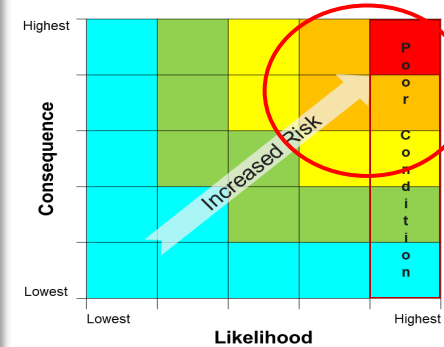
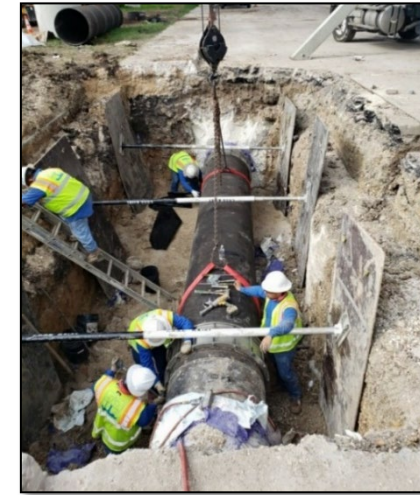
Master Planning & Asset Management

- Sewer Main Replacement – using risk matrix comprised of consequence of failure and likelihood of failure
- Water Main Replacement – using AI failure prediction model and work order history to determine condition
- Vertical Assets – Assigning condition scores based on age and staff feedback

Asset Management Program Focus

Current Programs

- Data Standards and Data Management Plan Implementation
- Condition Assessments Water Mains and Pump Station Assets
- Risk Determination for Pump Station Assets
 - Likelihood of Failure & Consequence of Failure
- Remaining Effective Life & Replacement Cost Determination
- CIP Planning and Prioritization Process



Opinion of Probable Construction Costs (OPCCs)

Understanding the Challenge

- Estimates at 30, 60, 90 & 100% design
- Estimate transparency
- Understanding of basis of estimate
- Adjustment factors being utilized
- Sources for pricing
- Escalation and Contingency
- Short memo summarizing assumptions, market adjustments, etc.



2025 CIP Overview

2025 CIP – Engineering and Construction

Budget Overview

\$625.7M - 2025 Capital Improvement Program (CIP) budget

\$454.5M - Engineering and Construction Planned Projects

\$63.4M - Governmental Engineering

\$18.9M - Owner Controlled Construction Changes (OCCC)

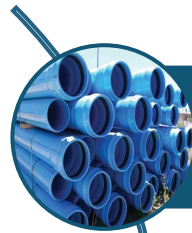
\$88.9M - Acquisitions, Overhead, D&C, Chilled Water

**47 Engineering and Construction projects
(13 Design & 34 Construction)**



2025 CIP – Plants and Major Projects

- 13 Planned Facility Projects
 - **6 Design** and 7 Construction projects
- \$165M budget



Water Delivery
\$53.5 Million



Wastewater
\$78.9 Million



Water Resources
\$32.6 Million



2025 CIP – Pipelines Projects

- 23 Planned Pipelines Projects
 - **3 Design** and 20 Construction projects
 - \$ 192M budget
- 80-100 Governmental projects, \$63.4M budget



Water Delivery – 13 planned projects
\$152.4 Million



Wastewater – 10 planned projects
\$39.6 Million

Key Components of 2025 CIP - Design

\$43.8M Budget

Awarded
June 2025

Aquifer Storage & Recovery Plant
Treatment Capacity Expansion

Projected
Award
August 2025

Water Main Replacement Engineering
Contract (Water Stewardship Initiative)

Evaluating RFQ
Responses

Facilities Design Projects

Evaluating RFQ
Responses

Sewer Main Replacement
Design Projects



2025 CIP – Design Projects

13 Projects

Advertisement Status	Projects	\$
Advertised	12	\$42,785,840
Not Advertised	1*	\$1,036,904

* Development project (on hold)

of Projects

2 - Water Mains

3 - WW Mains

7 - Facilities

1 - Water Resources

Award Status	Projects	\$
Awarded	2	\$25,764,177
Not Awarded	11	\$18,058,567

Water Design Projects

Water Stewardship (NRW)

- Program Goal
 - Expedite replacement of at-risk mains with a targeted approach
 - Goal: < 30 main breaks / 100 miles
 - Annual Professional Services Contracts to support design
- 2023 and 2024 WMR Packages
 - High risk (UPRR/TxDOT)
 - Construction funding 2025 - 2026
- 2025 WMR Packages
 - Priority 1 projects, 20.1 miles
 - Construction funding currently in 2027
- 2026 and beyond
 - Priority 2 – 5 projects, 57 miles
 - Construction funding 2028 - 2031





Operation and Maintenance Projects

Engineering (Operations Support)

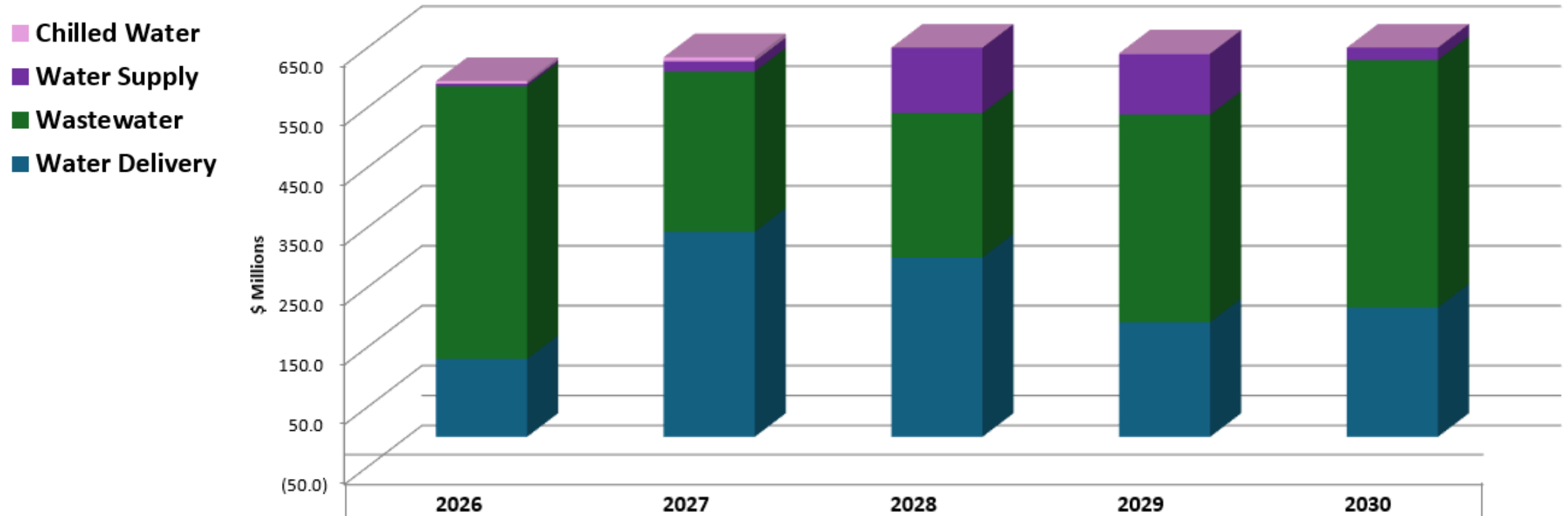
- 2025 Water Storage Tank Rehabilitation Design Services
 - Statement of Qualifications due July 10, 2025

2026-2030 CIP

SAWS CIP 2026-2030

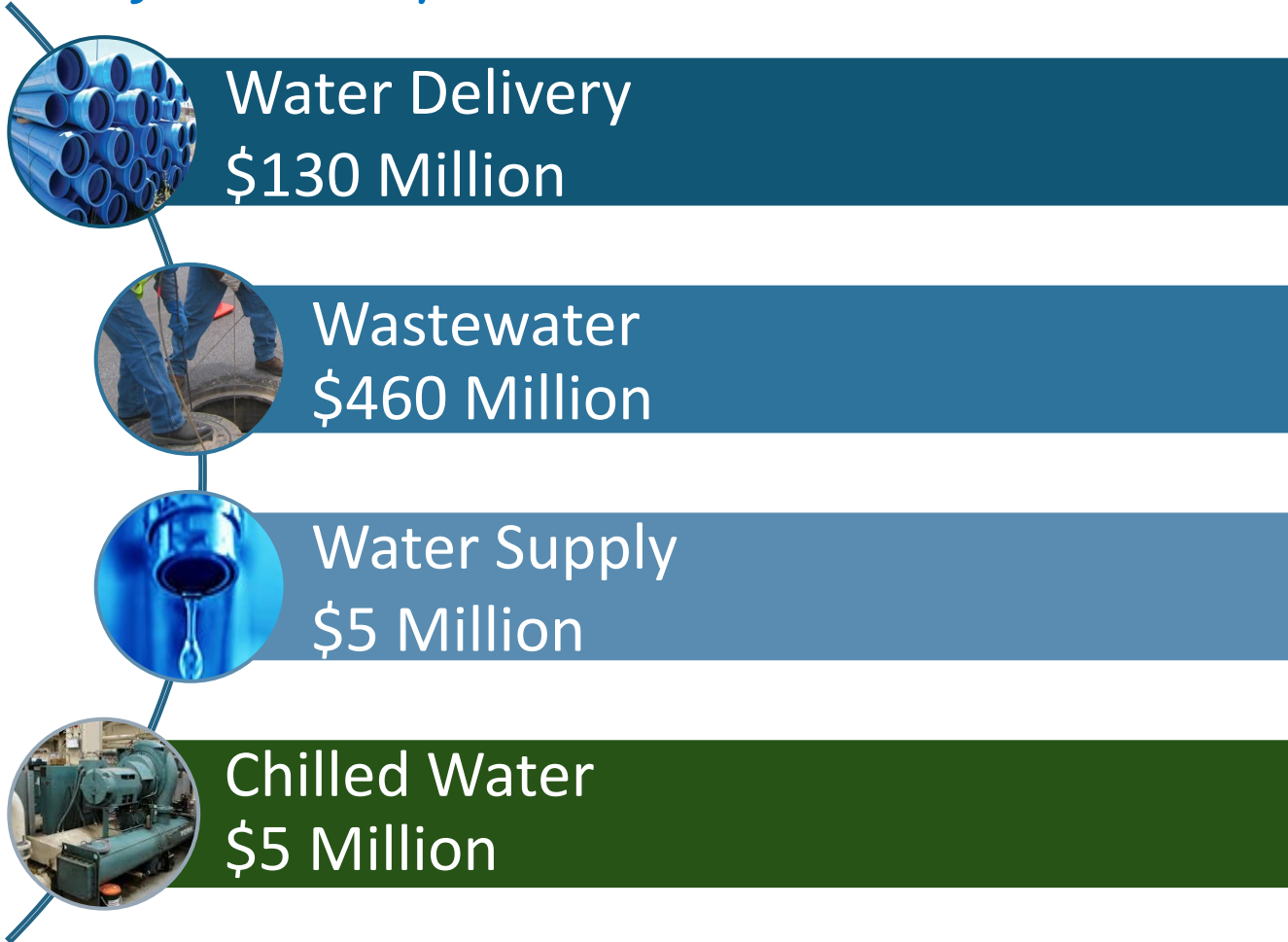
\$3.2B in next five years!

Current Five-Year Forecast, projecting an annual CIP budget between \$600M & \$680M



SAWS 2026 CIP – Draft Budget

Projections By Core Business



TOTAL
~\$600M

\$530M Construction
\$40M Design
\$30M Acquisition/OH

80% Replacement
20% Growth

2026 CIP – Draft Budget

Engineering and Construction Project Overview

Plants and Major Projects

- 9 Projects
 - **6 Design**; 3 Construction
- \$333M Budget

Planned Design Projects

- SMC WRC Tertiary Hydraulic and Process Capacity Improvement
- MCWRC Rehabilitation Improvements Phase 1
- Salado Creek WRC FEB Diversion Structure Improvements
- Lift Station Rehab Phase 6
- Facilities Engineering Work Order Contracts

Pipelines

- 15 Projects
 - **4 Design**; 11 Construction
- \$173M Budget

Planned Design Projects

- Redland Rd Water Main
- Water Main Replmt Eng Contract
- Inflow and Infiltration Reduction
- Cibolo Canyon LS Elimination and Relief Line (E-54 Phase 2)

SAWS CIP – Additional Resources

- General information on doing business with SAWS
 - <https://www.saws.org/business-center/>
- CIP project data sheets
 - <https://www.saws.org/infrastructure/cip/>

SAWS Contract Opportunities

Contract Solicitations

Business Center

Contract Solicitations

Login

Update Your Account

Archive

Bid Opening Results

Bid Tabs

Forms

Contract & Project Management System

Future Contract Opportunities

Procurement Bids

Construction & Materials

Contract Solicitations

Vendors are invited to submit proposals for various contracts seeking goods and services, and view current invitations to bid. Register for access to new contract opportunities, planholders lists, and more.

[Register Now >](#)

San Antonio Water System is accepting submissions until the closing date:

Results **1 - 18** of **18**

Type	Solicitation No.	Job No.	Project Name	Due Date	Update	Details
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Vendors & Contractors Login

Email

Password

[Forgot Password](#)

Sign In

How can you as a Consultant or Subconsultant help?

CIP Commitments – 2025 and beyond

- Project management (scope, budget, schedule)
- 30% Design is critical – field visits, scope/constructability, Con est vs. budget
- Understand Special Conditions early in design, coordinate prior to bid
- “At-risk” work is not allowed per contract
- Quality (letters, reports, plans, specs, OPCCs, ...)
- Timely and effective communication and invoicing (including at close out)
- Effective and proactive support during construction
- Intentional workshops and progress meetings – draft agendas in advance
- Project ownership until the end (as-builts and close out)
- Coordination with SAWS and contractors
- Bad news early – identify and solve problems

Small Business Opportunities Program (SBOP)

- Marisol V. Robles, SBOP Manager

SBOP Eligibility

- Relevant Marketplace:
 1. Bexar, Comal, Guadalupe, Hays, Kendall, Travis, and Williamson
- Certification:
 1. Small Business Enterprise Certification (SBE)
 2. Historically Underutilized Business (HUB)
 3. SCTRCA dba Supply SA (www.sctrca.org)
- Eligible companies must be certified prior to participating in the Program
- Certification Time

Aspirational SBOP Goal

Contract-Specific

- Based on availability of local Minority and Woman-owned Business Enterprises
- SBEs
- Must meet SBOP requirements
- Board of Trustees & SBOP goals

Post-Award Compliance: Construction

Subcontractor Payment and Utilization Reporting (SPUR) System

- SPUR System: Payment reporting for all subconsultants
 1. Post-award additions or replacements
 2. All tiers of subconsultants
 3. Consistent payment reporting & communication

SBOP Support

Roxanne “Roxy” Eguia	Marisol V. Robles	Susan M. Rodriguez
SBOP Specialist	SBOP Manager	Senior SBOP Specialist
Roxanne.Eguia@saws.org	Marisol.Robles@saws.org	Susan.Rodriguez@saws.org
210-233-3980	210-233-3420	210-233-3070

- Call or email anytime during business hours with questions or meeting requests.
- Standing SBOP Support Hour on the last Tuesday of each month at 2:30 p.m. Contact SBOP staff to join.

Small Business Opportunities Program (SBOP)

- Marisol V. Robles, SBOP Manager

Thank you for your attendance.

