



Memorandum

To: Boards and Commissions

From: Shay Ralls Roalson, Director, Austin Water

Date: June 25, 2025

Subject: Board and Commission and Citizen Review of new Growth-related Capital Improvement
Projects in Drinking Water Protection Zone

In accordance with Austin Water's (AW) Financial Policy No. 8, which is adopted by City Council annually as part of the annual budget adoption process, AW is providing a report of new growth-related capital improvement projects (CIP) located in the Drinking Water Protection Zone (DWPZ). The financial policy, which requires certain Board and Commission review of applicable projects, reads as follows:

Capital improvement projects for new water and wastewater treatment plants, capital expansions, and growth-related projects that are located in the Drinking Water Protection Zone (DWPZ) will be identified and submitted, as part of the annual budget process, to the following Boards and Commissions: Water and Wastewater Commission, Resource Management Commission, and the Environmental Board.

These Boards and Commissions will review growth-related DWPZ capital projects spending plans, obtain Board and Commission and citizen input, review consistency with Imagine Austin Comprehensive Plan, review effect on growth within the DWPZ, and make recommendations on project approval for inclusion in Austin Water's five-year capital spending plan.

This summer, AW representatives will be distributing a brief report to the Commissions on the CIP projects located in the DWPZ related to the financial policy.

Attachments:

CIP Subprojects Summary
CIP Subprojects Supplemental Information and Map



The City of Austin is committed to compliance with the Americans with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request.

Each year, as part of the City of Austin Budget approval process, Austin Water submits a plan for the capital improvements program (CIP) spending for the upcoming five-year period. Austin Water's FY26-30 CIP Plan includes projects located across the Austin metropolitan area, including the Drinking Water Protection Zone (DWPZ). In compliance with Austin Water's Financial Policy No. 8, the capital improvement projects for new water and wastewater treatment plants, capital expansions, and growth related projects that are located in the DWPZ are presented below for consideration by City of Austin Boards and Commissions. These projects represent improvements required to meet Austin Water standards for operability and customer service. While additional capacity may be added in accordance with current design standards, the intent of these projects is to meet the demands of existing or agreed upon future customers rather than promoting additional growth. A map showing specific project locations is provided along with additional project information in the appendix.

Table 1.

Austin Water FY26-30 Capital Improvement Program Spending Plan
Summary for Projects Located in the DWPZ per Financial Policy No. 8

Subproject	Service	FY26	FY27	FY28	FY29	FY30	FY26-30 Spending Plan
1) Davis WTP Medium Service Pump Station Expansion (2015.118)*	Water	\$0.00M	\$0.00M	\$1.78M	\$1.23M	\$1.00M	\$4.01M
2) Southwest Parkway Southwest B Elevated Reservoir (2127.016)	Water	\$0.58M	\$1.35M	\$8.84M	\$6.87M	\$0.21M	\$17.84M
3) Rock Harbour Lift Station Improvements (3168.057)	Wastewater	\$0.07M	\$0.00M	\$0.00M	\$0.00M	\$0.00M	\$0.07M
4) South Area Lift Station Improvements: Barton Creek Plaza (3168.076)	Wastewater	\$0.15M	\$0.15M	\$0.00M	\$0.00M	\$0.00M	\$0.30M
5) Northwest Area Lift Station Improvements: Boulder Lane Lift Station (3168.085)	Wastewater	\$3.82M	\$1.56M	\$0.00M	\$0.00M	\$0.00M	\$5.38M
6) TxDOT Loop 360 at Westlake Drive Water & Wastewater Relocation (3212.178)*	Water	\$0.34M	\$0.00M	\$0.00M	\$0.00M	\$0.00M	\$0.34M
7) Marshall Tract (3353.127)	Water	\$1.85M	\$9.73M	\$0.00M	\$0.00M	\$0.00M	\$11.58M
8) Davis Medium Service Water Transmission Main (6935.001)	Water	\$1.20M	\$3.80M	\$3.80M	\$3.80M	\$2.95M	\$15.55M
9) Southwest Parkway Transmission Main (6935.025)	Water	\$0.78M	\$0.29M	\$3.41M	\$4.51M	\$1.14M	\$10.12M
10) Small Diameter Waterline Replacement Program IDIQ (6935.088)*	Water	\$0.25M	\$0.25M	\$0.02M	\$0.00M	\$0.00M	\$0.52M
11) Barrington Oaks Downstream Gravity Improvements Phase 2 (6943.041)	Wastewater	\$0.00M	\$0.00M	\$0.00M	\$0.02M	\$0.20M	\$0.22M
12) Eanes Wastewater Replacement (6943.072)*	Wastewater	\$0.00M	\$0.00M	\$0.00M	\$0.00M	\$0.07M	\$0.07M
13) Boulder Lane at Crossland Drive Wastewater Improvements (6943.087)	Wastewater	\$0.00M	\$0.00M	\$0.00M	\$0.00M	\$0.01M	\$0.01M
14) Spicewood Springs Road Regional Mobility Improvements (11880.001)	Water	\$3.24M	\$1.39M	\$0.00M	\$0.00M	\$0.00M	\$4.63M
15) South Lamar Boulevard Corridor: Barton Springs Road to US 290 (11887.003)*	Water	\$1.62M	\$1.62M	\$1.62M	\$1.62M	\$1.62M	\$8.08M

* new to 5YR plan

FY26-30 Spending Plan TOTAL: **\$78.73M**

APPENDIX

Per Council Ordinance 970905-A, effective September 5, 1997:

“Drinking Water Protection Zone means the areas within the Barton Springs Zone, the Barton Creek Watershed, all Water Supply Rural Watersheds, and all Water Supply Suburban Watersheds that are in the City’s planning jurisdiction.”

Austin Water Financial Policy No. 8, effective January 28, 2013:

“Capital improvement projects for new water and wastewater treatment plants, capital expansions, and growth-related projects that are located in the Drinking Water Protection Zone (DWPZ) will be identified and submitted, as part of the annual budget process, to the following Boards and Commissions: Water and Wastewater Commission, Resource Management Commission, and the Environmental Board.

These Boards and Commissions will review growth-related DWPZ capital projects spending plans, obtain Board and Commission and citizen input, review consistency with Imagine Austin Comprehensive Plan, review effect on growth within the DWPZ, and make recommendations on project approval for inclusion in Austin Water Utility’s five-year capital spending plans.”

Table A1.

Planning Phase new infrastructure projects in the Austin Water Capital Improvement Program Plan Proposal impacting the City of Austin Drinking Water Protection Zone.

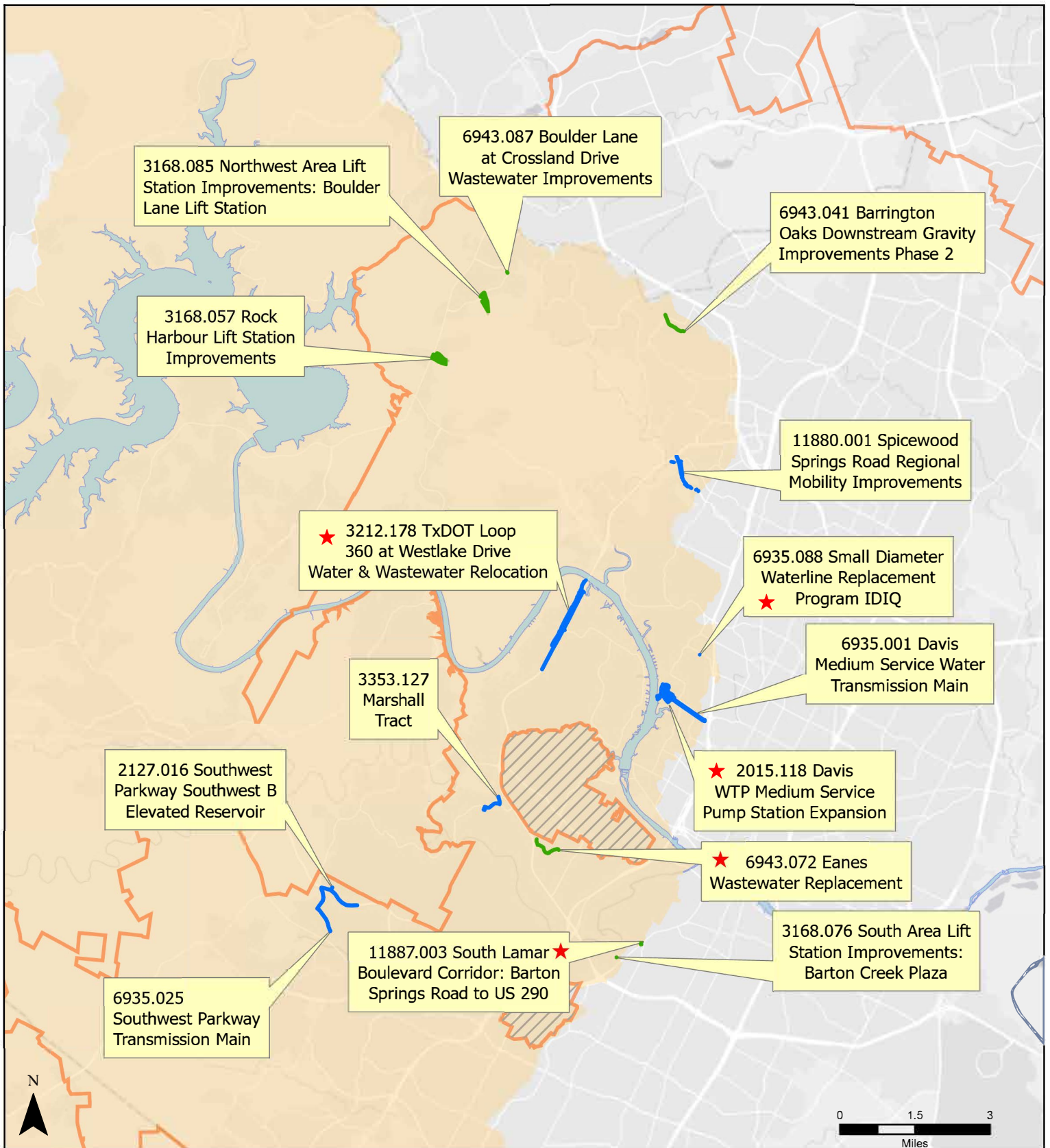
Subproject	Subproject Description	FY26-30 Spending Plan	FY31+ Spending Plan	Total
1) Davis WTP Medium Service Pump Station Expansion (2015.118)*	This project is for the expansion of the MSPS (Medium Service Pump Station Expansion) at Davis WTP from the 60 MGD firm capacity to 120 MGD firm capacity.	\$4.01M	\$40.58M	\$44.60M
2) Southwest Parkway Southwest B Elevated Reservoir (2127.016)	The Southwest B Pressure Zone has one reservoir serving approximately 7,000 customers. An additional reservoir located on Southwest Pkwy and associated transmission main, is required to provide storage and resiliency in the pressure zone.	\$17.84M	\$0.83M	\$18.67M
3) Rock Harbour Lift Station Improvements (3168.057)	Flows at Rock Harbour have exceeded the design capacity, and it is at risk of wet weather overflows. This project will increase the firm capacity and address operations and maintenance concerns as identified by the Northwest Lift Station Study.	\$0.07M	\$0.00M	\$0.07M
4) South Area Lift Station Improvements: Barton Creek Plaza (3168.076)	Improvements to the Barton Creek Plaza Lift Station that will enable it to better handle existing flow.	\$0.30M	\$8.32M	\$8.62M
5) Northwest Area Lift Station Improvements: Boulder Lane Lift Station (3168.085)	Flows at Boulder Lane have exceeded the design capacity, and it is at risk of wet weather overflows. This project will increase the firm capacity and address operations and maintenance concerns as identified by the Northwest Lift Station Study.	\$5.38M	\$0.00M	\$5.38M
6) TxDOT Loop 360 at Westlake Drive Water & Wastewater Relocation (3212.178)*	Relocation of water and wastewater lines in conflict with Texas Department of Transportation (TxDOT) roadway improvement at Loop 360 at Westlake Drive.	\$0.34M	\$0.00M	\$0.34M
7) Marshall Tract (3353.127)	Cost reimbursement project located at 1300 Lost Creek Blvd for elevated water reservoir and approximately 4,000 feet of 16-inch water main.	\$11.58M	\$0.00M	\$11.58M
8) Davis Medium Service Water Transmission Main (6935.001)	Davis Water Treatment Plant flows are limited into the Central Pressure Zone transmission system. Additional transmission capacity is needed to meet additional system demands and increase system resiliency.	\$15.55M	\$169.10M	\$184.65M
9) Southwest Parkway Transmission Main (6935.025)	The Southwest B Pressure Zone has one reservoir serving approximately 7,000 customers. An additional reservoir located on Southwest Pkwy and associated transmission main, is required to provide storage and resiliency in the pressure zone.	\$10.12M	\$0.00M	\$10.12M
10) Small Diameter Waterline Replacement Program IDIQ (6935.088)*	Austin Water coordinates with private projects and often in these redeveloped areas the water mains are less than 6-inches in diameter. These undersized mains typically cannot provide the increased demands required by the new development.	\$0.52M	\$0.00M	\$0.52M
11) Barrington Oaks Downstream Gravity Improvements Phase 2 (6943.041)	Replace and upsize existing 12-inch gravity line from manhole 114641 to manhole 42304 to increase capacity. The existing line is in poor condition and reaching capacity limitations. The project length is approximately 3,000 linear feet.	\$0.22M	\$3.80M	\$4.02M

Table A1.

Planning Phase new infrastructure projects in the Austin Water Capital Improvement Program Plan Proposal impacting the City of Austin Drinking Water Protection Zone.

Subproject	Subproject Description	FY26-30 Spending Plan	FY31+ Spending Plan	Total
12) Eanes Wastewater Replacement (6943.072)*	Replace approximately 3400 linear feet of 8-inch wastewater line with 12-inch.	\$0.07M	\$2.34M	\$2.42M
13) Boulder Lane at Crossland Drive Wastewater Improvements (6943.087)	A segment of 8-inch wastewater pipe at Boulder Ln. and Crossland Dr. needs to be upsized to provide capacity for existing flow and approved development and to prevent overflows in an environmentally sensitive area.	\$0.01M	\$0.19M	\$0.20M
14) Spicewood Springs Road Regional Mobility Improvements (11880.001)	The project includes design and construction of improvements that may include a roadway expansion from two lane section to a four lane divided roadway, signals, medians, waterlines, bicycle and pedestrian facilities, and driveway reconstruction.	\$4.63M	\$0.00M	\$4.63M
15) South Lamar Boulevard Corridor: Barton Springs Road to US 290 (11887.003)*	Design and construction of projects including bicycle and pedestrian facilities, intermittent medians, intersection improvements, new and upgraded traffic signals, bus stops, water, wastewater and storm drain improvements.	\$8.08M	\$3.03M	\$11.11M

* new to 5YR plan



3168.085 Northwest Area Lift Station Improvements: Boulder Lane Lift Station

6943.087 Boulder Lane at Crossland Drive Wastewater Improvements

6943.041 Barrington Oaks Downstream Gravity Improvements Phase 2

3168.057 Rock Harbour Lift Station Improvements

11880.001 Spicewood Springs Road Regional Mobility Improvements

★ 3212.178 TxDOT Loop 360 at Westlake Drive Water & Wastewater Relocation

6935.088 Small Diameter Waterline Replacement
★ Program IDIQ

6935.001 Davis Medium Service Water Transmission Main

3353.127 Marshall Tract

★ 2015.118 Davis WTP Medium Service Pump Station Expansion

2127.016 Southwest Parkway Southwest B Elevated Reservoir

★ 6943.072 Eanes Wastewater Replacement

6935.025 Southwest Parkway Transmission Main

11887.003 South Lamar Boulevard Corridor: Barton Springs Road to US 290 ★

3168.076 South Area Lift Station Improvements: Barton Creek Plaza

Outside Impact Fee Jurisdiction

Impact Fee Boundary

Drinking Water Protection Zone

Wastewater

Water

★ New to 5yr Plan

FY 26-30 CIP Development DWPZ Project Summary

