Austin

MEMORANDUM

To: Environmental Commission, Resource Management Commission, and Water and Wastewater Commission

From: Shay Ralls Roalson, P.E., Austin Water Director

Date: May 28, 2026

Subject: **Board and Commission Review of Capital Improvement Projects in the Drinking Water Protection Zone**

The purpose of this memorandum is to provide a report of Capital Improvement Projects (CIP) located within the City's Drinking Water Protection Zone (DWPZ), in accordance with Austin Water's Financial Policy No. 8.

The DWPZ designation and the associated financial policy, adopted by City Council, are included in the Appendix and outline the requirements for identifying, reviewing, and obtaining Board and Commission input on capital projects within western Austin and Travis County. The DWPZ is subject to development regulations to protect water quality and contains critical water resources that support both the environment and the community.

Together, these policies establish the process through which capital projects in the DWPZ are submitted as part of the annual budget process as part of Austin Water's comprehensive five-year capital improvement plan.

The Fiscal Year 27–31 CIP includes projects located throughout the Austin metropolitan area, including the DWPZ. These projects are essential improvements to maintain and enhance Austin Water's services and operational standards. Austin Water has a robust and comprehensive asset management and capital planning program, in which condition, capacity, and level of service are reviewed annually to validate these investments in resiliency, preparedness, and proactive infrastructure management.

The CIP projects in the DWPZ are shown in the attached CIP Subproject Supplemental Information Summary and Map.

Should you have any questions, please contact Randi Jenkins, Deputy Director of Technical Services of Austin Water at randi.jenkins@austintexas.gov or 512-972-0133.

Index of Attachments

Attachment 1: Table outlining the CIP subprojects located within the Drinking Water Protection Zone, including their descriptions, current status, and associated five-year and total spending plans.

Attachment 2: DWPZ Map displaying the geographic location of all active CIP subprojects within the Drinking Water Protection Zone.

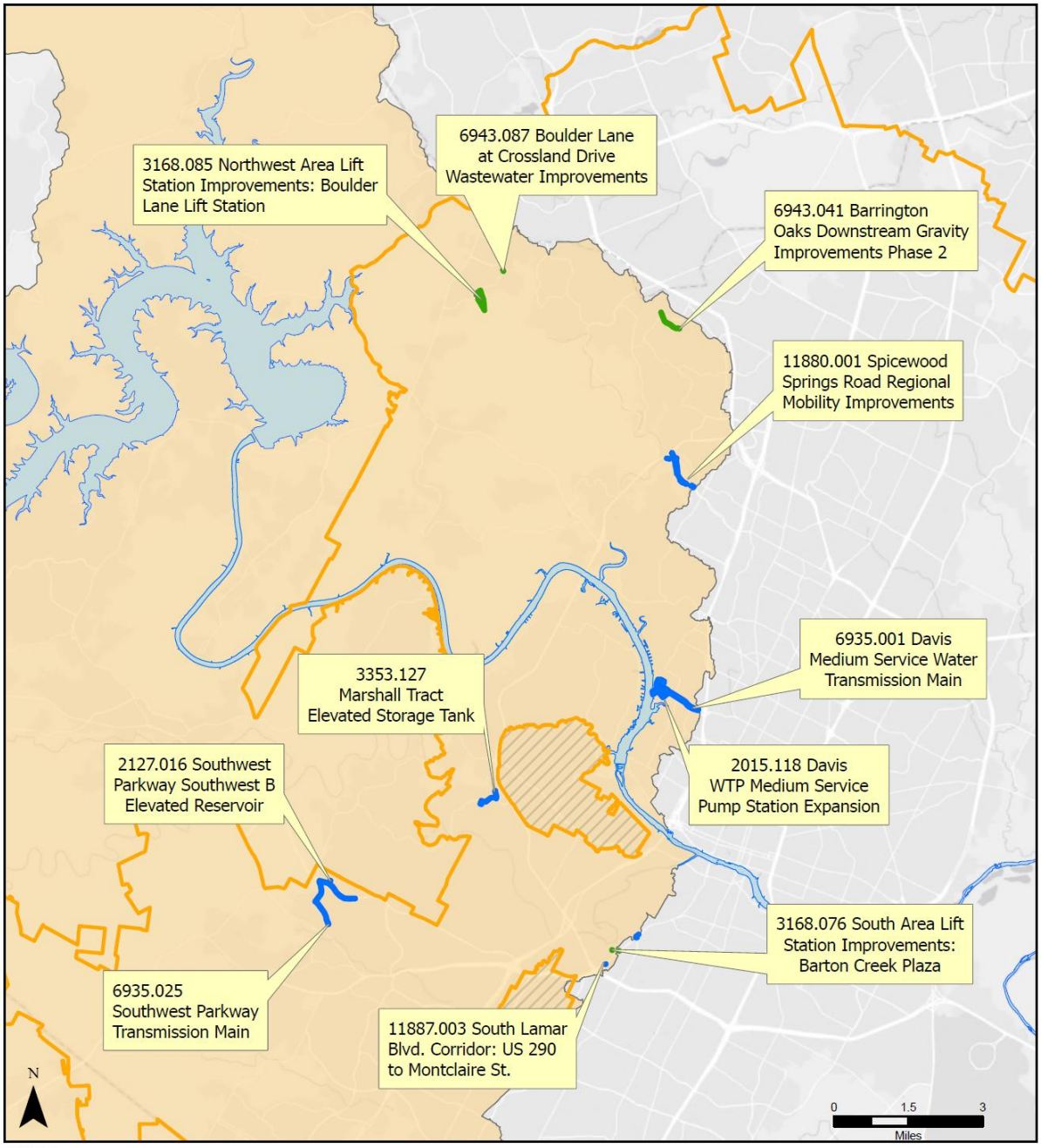
Attachment 3: Appendix provides supporting definitions.

ATTACHMENT 1: PROJECT SUMMARY

Subproject ID	Subproject Name	Subproject Description	Project Status	FY27-31 Spending Plan	Total Spending Plan
2015.118	Davis WTP Medium Service Pump Station Expansion	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.	Preliminary Phase	$11.59M	$44.60M
2127.016	Southwest Parkway Southwest B Elevated Reservoir	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.	Design Phase	$26.50M	$27.86M
3168.076	South Area Lift Station Improvements: Barton Creek Plaza	This project will modify the existing lift station to improve reliability and efficiency, helping prevent sanitary sewer overflows, protecting water quality, and ensuring better service for customers.	Design Phase	$0.30M	$8.61M
3168.085	Northwest Area Lift Station Improvements: Boulder Lane Lift Station	This project will modify the existing lift station to improve reliability and efficiency, helping prevent sanitary sewer overflows, protecting water quality, and ensuring better service for customers.	Construction Phase	$5.21M	$5.21M
3353.127	Marshall Tract Elevated Storage Tank	Cost reimbursement project located at 1300 Lost Creek Blvd for elevated water reservoir and approximately 4,000 feet of 16-inch water main.	Construction Phase	$9.73M	$9.73M
6935.001	Davis Medium Service Water Transmission Main	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.	Design Phase	$23.31M	$175.96M

Subproject ID	Subproject Name	Subproject Description	Project Status	Spending Plan	Total Spending Plan
6935.025	Southwest Parkway Transmission Main	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.	Design Phase	$16.70M	$16.70M
6943.041	Barrington Oaks Downstream Gravity Improvements Phase 2	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.	Preliminary Phase	$0.02M	$4.02M
6943.087	Boulder Lane at Crossland Drive Wastewater Improvements	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.	Preliminary Phase	$0.01M	$0.20M
11880.001	Spicewood Springs Road Regional Mobility Improvements	The project includes design and construction of improvements that include a roadway expansion from two lane section to a four lane divided roadway, signals, medians, waterlines, bicycle and pedestrian facilities, and driveway reconstruction.	Construction Phase	$7.09M	$7.09M
11887.003	South Lamar Blvd. Corridor: US 290 to Montclaire St.	The project includes design and construction of improvements that include bicycle and pedestrian facilities, intermittent medians, intersection improvements, new and upgraded traffic signals, bus stops, water, wastewater and storm drain improvements.	Design Phase	$8.53M	$13.17M

ATTACHMENT 2: MAP



Outside Impact Fee Jurisdiction
Impact Fee Boundary
Drinking Water Protection Zone
Water
Wastewater

FY 27-31 CIP Development
DWPZ Project Summary

Austin Water

Austin Water
Infrastructure Management Division
Prepared 4/21/2026

This map has been produced by the City of Austin for its needs and purposes and is not warranted for any other use.
No warranty is made by the City regarding its accuracy or completeness.

ATTACHMENT 3: APPENDIX

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, Planning Commission, Zoning and Platting 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."

Austin Water Financial Policy No. 8, effective August 11, 2021:
"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."