

Memorandum

To: Boards and Commissions

From: Greg Meszaros, Director, Austin Water



Date: May 4, 2021

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

The Austin City Council approved an amendment to Austin Water's (AW) Financial Policy No. 8 to provide for enhanced Board and Commission and citizen reviews of AW's new growth-related capital improvement projects (CIP) located in the Drinking Water Protection Zone (DWPZ). This ordinance (No. 20130117-017) took effect on January 28, 2013 and as part of the 2021 annual budget process, AW is presenting the new growth-related projects to Boards and Commissions as set forth in the ordinance.

The revised 2013 Financial Policy No. 8 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, Environmental Board, Planning Commission, and the Zoning and Platting Commission.

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 5-year capital spending plans.

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 Projects Summary

CIP Projects Supplemental Information and Map

**Austin Water
Infrastructure Management**

**Financial Policy No. 8
Drinking Water Protection Zone
Projects Summary**

FY22-26 CIP Plan Development

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 FY22-26 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 FY22-26 Capital Improvement Program Spending Plan
Summary for Projects Located in the DWPZ per Financial Policy No. 8

| Subproject | Service | FY22 | FY23 | FY24 | FY25 | FY26 | FY22-26 Spending Plan |
|---|------------|---------|---------|---------|---------|---------|-----------------------------|
| 1) Southwest Parkway Southwest B Elevated Reservoir (2127.016) | Water | \$0.04M | \$0.26M | \$0.14M | \$1.91M | \$1.00M | \$3.35M |
| 2) Loop 360 Elevated Reservoir (2127.017) | Water | \$0.00M | \$0.00M | \$0.00M | \$0.20M | \$0.35M | \$0.55M |
| 3) Southwest Parkway Transmission Main (6935.025) | Water | \$0.11M | \$0.18M | \$0.60M | \$1.47M | \$0.70M | \$3.05M |
| 4) Lost Creek Water Main Improvements (6935.028) | Water | \$0.00M | \$0.00M | \$0.00M | \$0.34M | \$0.10M | \$0.44M |
| 5) Rock Harbour Lift Station Improvements (3168.057) | Wastewater | \$0.48M | \$1.13M | \$2.09M | \$0.60M | \$0.24M | \$4.54M |
| 6) Northwest Area Lift Station Improvements: Boulder Lane Lift Station (3168.085) | Wastewater | \$0.10M | \$0.10M | \$0.10M | \$0.17M | \$0.27M | \$0.74M |
| 7) Four Points Center Force Main Improvements (6943.032) | Wastewater | \$0.01M | \$0.00M | \$0.00M | \$0.00M | \$0.00M | \$0.01M |
| 8) Southland Oaks Wastewater Improvements (6943.055) | Wastewater | \$0.07M | \$0.00M | \$0.00M | \$0.00M | \$0.00M | \$0.07M |

FY22-26 Spending Plan TOTAL \$12.75M

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, Environmental Board, Planning Commission, and the Zoning and Platting Commission.

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 5-year capital spending plans.”

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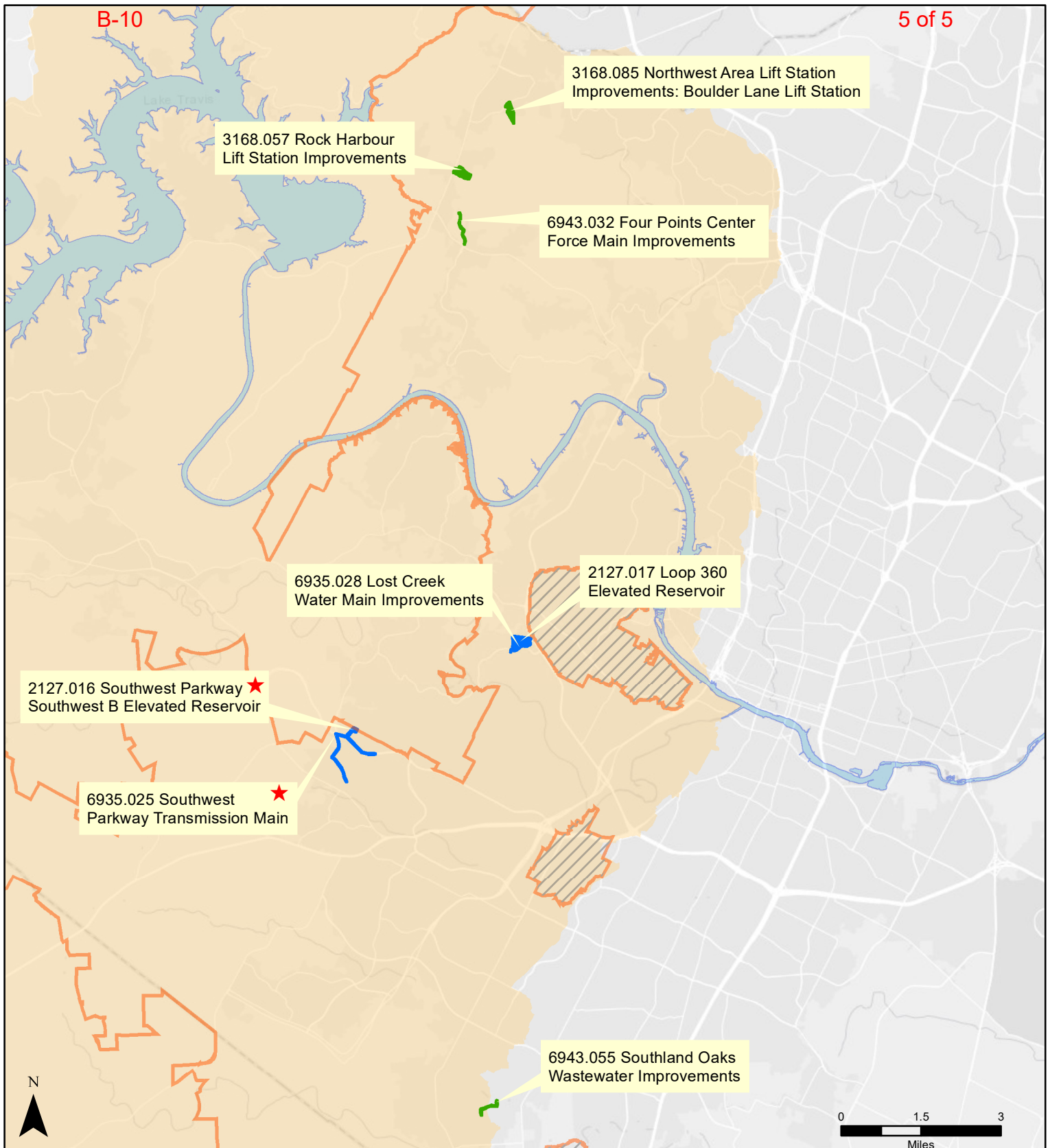
**Financial Policy No. 8
Drinking Water Protection Zone
Projects Summary**

FY22-26 CIP Plan Development

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 | FY22-26 Spending Plan | FY27+ Spending Plan | Total |
|---|---|--------------------------------------|------------------------------------|--------------|
| 1) Southwest Parkway Southwest B Elevated Reservoir (2127.016) | Construct a 2-million gallon elevated reservoir on Southwest Pkwy near Amarra Drive. | \$3.35M | \$0.00M | \$3.35M |
| 2) Loop 360 Elevated Reservoir (2127.017) | Proposed new elevated storage tank to serve portions of the south Loop 360 area. Area is currently served by a hydro tank. The elevated tank will help increase water storage capacity and improve reliability. | \$0.55M | \$6.65M | \$7.20M |
| 3) Southwest Parkway Transmission Main (6935.025) | Construct 3,700 linear feet of 24-inch water main along Southwest Pkwy from Terravista Dr. west to a new elevated reservoir. Construct 6,600 linear feet of 24-inch water main along Old Bee Caves Rd. and Travis Cook Rd to the new elevated reservoir. | \$3.05M | \$0.42M | \$3.47M |
| 4) Lost Creek Water Main Improvements (6935.028) | Improvements to Lost Creek water distribution system (formerly Lost Creek MUD) to increase system reliability. | \$0.44M | \$2.74M | \$3.19M |
| 5) Rock Harbour Lift Station Improvements (3168.057) | Flows at Rock Harbour Lift Station have exceeded design capacity and 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. | \$4.54M | \$0.00M | \$4.54M |
| 6) Northwest Area Lift Station Improvements: Boulder Lane Lift Station (3168.085) | Flows at Boulder Lane Lift Station have exceeded design capacity and 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. | \$0.74M | \$2.64M | \$3.38M |
| 7) Four Points Center Force Main Improvements (6943.032) | Increase Four Points Center Lift Station force main from an 8-inch to a 12-inch for capacity reasons. The force main is located on Four Points Drive and River Place Drive in the Bull Creek wastewater-shed. | \$0.01M | \$0.00M | \$0.01M |
| 8) Southland Oaks Wastewater Improvements (6943.055) | Install 2,700 linear feet of 30-inch wastewater main in the Bauerle Ranch Park that will cross Slaughter Creek. | \$0.07M | \$0.00M | \$0.07M |



Outside Impact Fee Jurisdiction

Impact Fee Boundary

Water

Wastewater

Drinking Water Protection Zone

★ New to 5yr Plan

FY 22-26 CIP Development DWPZ Project Summary



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. 2021

Austin Water
Infrastructure Management Division
Prepared 4/27/2021