

PROJECT INFORMATION

Project Name: **Price Park Tank Replacement**
 Year First Shown in CIP: **2014**
 Is this a Budget Amendment?

Project #: **WTR183**
 Funding Status: **Partially Funded**
 Amendment Date: **07/14/2021**

PROJECT DESCRIPTION:

The Price Park Reservoir site is the location of the City's original open air water storage reservoirs constructed in 1882. The 7 million gallon (MG) reservoir was built south of the original reservoirs in 1923 as an open air reservoir. A 11 million gallon per day (MGD) pump house and 100,000 gallon water tower were constructed in 1940 and the original reservoirs were replaced with a 2 MG reservoir in 1955. The site underwent major rehabilitation projects from the 1970s through early 1990s during which control facilities were replaced, both reservoirs were covered and the 2 MG reservoir, pump house and water tower were taken out of service due to their condition and the construction of other tanks in the water distribution system. The 7 MG reservoir currently only supplies water by gravity to one pressure zone that uses approximately 10% of the overall water demands.

The 2013 water master plan recommended that the 7 MG reservoir be replaced with a single above ground 5 MG tank and new yard piping and control facilities. A circular tank would significantly reduce the footprint of the structures and improve water pressure and fire flow within the pressure zone served by the reservoir while improving water quality. The 2020 tank design study updated the risk analysis in 2013 water master plan and recommended that an 8 MG tank with a 12 MGD pump station be constructed. The larger tank and new pumps and control equipment will improve the ability of the site to deliver water to the entire City to meet current and future needs and provide water service during emergencies.

PROJECT JUSTIFICATION:

This project will improve water service to the pressure zone generally located south of First Avenue and east of South Sunset Street by replacing aging structures; raising the water pressure to meet the Quality of Life benchmark; and reducing water age in the reservoir. Increasing the tank size and adding a pump station will improve the resilience of water distribution system. This project was identified in the Integrated Treated Water Master Plan as a recommended project. Except for GP2, providing safe drinking water supports all Envision guiding principles. This project services the entire City.

SUPPORTING ENVISION LONGMONT GUIDING PRINCIPLES AND FOCUS AREA ALIGNMENT:

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> GP1: Livable Centers, Corridors & Neighborhoods | <input type="checkbox"/> GP2: Complete, Balanced & Connected Transp Sys | <input checked="" type="checkbox"/> GP3: Housing, Services, Amenities & Oppt for All |
| <input checked="" type="checkbox"/> GP4: A Safe, Healthy, and Adaptable Community | <input checked="" type="checkbox"/> GP5: Responsible Stewardship of Our Resources | <input checked="" type="checkbox"/> GP6: Job Growth & Economic Vitality-Innov & Col |
| <input checked="" type="checkbox"/> Sugar Mill / Highway 119 Gateway | <input checked="" type="checkbox"/> St. Vrain Creek Corridor | <input checked="" type="checkbox"/> Hover Street Corridor |
| <input checked="" type="checkbox"/> Midtown / North Main | <input checked="" type="checkbox"/> Area of Change | <input checked="" type="checkbox"/> Downtown / Central Business District (CBD) |

Other Related Plans: Integrated Treated Water Supply Master Plan
 Related CIP Projects: MUW-66 Water Distribution Rehabilitation and Improvements

PROJECT COSTS:

	2021/Yr1	2022/Yr2	2023/Yr3	2024/Yr4	2025/Yr5	Project TOTAL
	36,238,342	0	0	0	0	36,238,342

SOURCE OF FUNDS:

Funded	2021	2022	2023	2024	2025	2021-2025 TOTAL
Water - Operating	11,641,175	0	0	0	0	11,641,175
Water - Bonds	13,004,892	0	0	0	0	13,004,892
Water - Construction	6,542,275	0	0	0	0	6,542,275
Unfunded	Year 1	Year 2	Year 3	Year 4	Year 5	Unfunded TOTAL
Water - Operating	5,050,000	0	0	0	0	5,050,000

LOCATION MAP:

Price Park Tank Replacement

