

PROJECT INFORMATION

Project Name: **Water Distribution Rehabilitation and Improvements**
 Year First Shown in CIP: **1989**
 Is this a Budget Amendment?

Project #: **WTR066**
 Funding Status: **Funded**
 Amendment Date: **07/14/2021**

PROJECT DESCRIPTION:

Water line rehabilitation and improvement projects are selected based on the criteria listed in the Justification section. The following facilities are scheduled for rehabilitation, but these facilities may change as additional operation and maintenance information becomes available. Based on the findings of an assessment scheduled in 2020, funding is shown in 2021 and 2022 to repair corrosion protection systems on larger steel and ductile iron water transmission lines. An additional \$50,000 is also budgeted each year for minor repairs.

2021: Abandon 6810 feet of 1917 12-inch cast iron water line in Longs Peak Avenue, Judson Street and 3rd Avenue. Install 2150 feet of 12-inch water line in Gay Street (3rd Avenue to Longs Peak Avenue). Install 470 feet of 8-inch water line in 3rd Avenue (Gay Street to Bowen Street). Install 2000 feet of 12-inch water line in 3rd Avenue (Gay Street to Main Street). Install 320 feet of 6-inch water line in 5th Avenue (Bowen Street to Gay Street).

2022: Install 2600 feet of 8-inch water line in Atwood Street (5th Avenue to 9th Avenue). Install 660 feet of 8-inch water line in East 4th Avenue/East 5th Avenue alley (Martin Street to Kensington Street). Install 660 feet of 8-inch water line in East 5th Avenue/Marshall Place alley (Martin Street to Kensington Street). Install 660 feet of 8-inch water line in Saint Clair Avenue (Kensington Street to Lashley Street). Install 900 feet of 8-inch water line in Sunnyside Lane and 4th Avenue/5th Avenue alley (Reed Place to Lashley Street).

2023: Install 700 feet of 8-inch water line in Juniper Street/Summer Street alley (12th Avenue to Mountain View Avenue). Install 3030 feet of 8-inch water line in Longs Peak Avenue, Longview Court and Loomis Court (Hover Street to Sunset Pool). Install 2230 feet of 8-inch water line in Sunset Golf Course (north perimeter and west of Sunset Pool).

2024: Install 420 feet of 8-inch water line in 8th Avenue (Gay Street to Bross Street). Install 4600 feet of 12-inch water line in Coffman Street (2nd Avenue to 9th Avenue). Install 720 feet of 8-inch water line in Main Street / Coffman Street alley (9th Avenue to 10th Avenue).

2025: Install 900 feet of 8-inch water line in 22nd Avenue (Hover Street to Stuart Street). Install 2750 feet of 8-inch water line in Danbury Drive and 500 feet of 8-inch water line in Cambridge Drive (17th Avenue to north Danbury Drive). Install 1070 feet of 8-inch water line in Sherrimar Street (21st Avenue to 22nd Avenue). Install 1230 feet of 8-inch water line in Steele Street (21st Avenue to 22nd Avenue). Install 700 feet of 8-inch water line in Wedgewood Avenue (Cambridge Drive to Hover Street).

PROJECT JUSTIFICATION:

This project will improve water service to the affected areas that are currently being served by old, deteriorating lines that have experienced frequent breaks; improve fire flows and water quality, reduce maintenance and improve maintenance access; and repair or replace minor items at existing water storage tanks, pump stations and control valve vaults. Annual operating and maintenance costs that result from water line breaks and repairs will be reduced. In general, the project will improve the overall delivery of treated water to existing areas. Other than GP2, providing safe drinking water supports all Envision guiding principles. This project serves all but the newest neighborhoods in the 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 Grwth & Economic Vitality-Innov & Col |
| <input type="checkbox"/> Sugar Mill / Highway 119 Gateway | <input checked="" type="checkbox"/> St. Vrain Creek Corridor | <input 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: | T-1 Street Rehabilitation Program | |

PROJECT COSTS:

| | 2021 | 2022 | 2023 | 2024 | 2025 | 2021-2025 TOTAL |
|--|-----------|-----------|-----------|-----------|-----------|-----------------|
| | 3,455,940 | 1,877,240 | 1,612,880 | 1,842,410 | 1,725,690 | 10,514,160 |

SOURCE OF FUNDS:

| | 2021 | 2022 | 2023 | 2024 | 2025 | 2021-2025 TOTAL |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------------|
| Funded | | | | | | |
| Water - Operating | 3,455,940 | 1,877,240 | 1,612,880 | 1,842,410 | 1,725,690 | 10,514,160 |

LOCATION MAP:

Water Distribution Rehabilitation and Improvements



Location