

PROJECT INFORMATIONProject Name: **Electric Feeder Underground Conversion**Project #: **ELE009**Year First Shown in CIP: **1992**Funding Status: **Partially Funded**Is this a Budget Amendment? ☒Amendment Date: **05/15/2024****PROJECT DESCRIPTION:**

The program to convert main feeder overhead lines to underground began in 1992. The program focus has been on improving reliability and overall system backup capabilities. Those lines that provided the greatest reliability improvements in a financially responsible manner have been undergrounded. LPC's distribution system is currently 78% underground and 22% overhead. The costs continue to increase to complete underground conversion projects. To continue funding these projects would require electric rate increases and therefore the projects are evaluated in conjunction with other City projects, such as redevelopment work and road widening projects. If the evaluation of the conversion project is beneficial, the conversion project is funded and completed. The unfunded amount of \$68.5 million represents the amount required to underground the remaining overhead electric infrastructure, which includes 1,034 transformers, 172 miles of primary lines and 140 miles of secondary lines. It is anticipated that the project would take 10 years to complete, so 1/10 of the cost is shown each year in Unfunded Years 1-4 and the remaining amount is in Year 5 to show the overall project cost. The projected costs include removal of existing overhead lines, material, labor and boring costs plus a contingency amount for the unknown costs associated with metering, easements and permitting. This amount is only for the undergrounding of electric infrastructure, there is also an associated expense to underground the broadband infrastructure in the amount of \$17 million shown as unfunded in project BRB006 Broadband Underground Conversion.

PROJECT JUSTIFICATION:

Redevelopment may require additional underground conversions. LPC will coordinate any required work during the Design Review Process. Anticipated project is work to be done along Martin Street and 2024 potential project is East Rogers Road.

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 type="checkbox"/> GP3: Housing, Services, Amenities & Oppt for All |
| <input checked="" type="checkbox"/> GP4: A Safe, Healthy, and Adaptable Community | <input 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 type="checkbox"/> St. Vrain Creek Corridor | <input type="checkbox"/> Hover Street Corridor |
| <input type="checkbox"/> Midtown / North Main | <input checked="" type="checkbox"/> Area of Change | <input type="checkbox"/> Downtown / Central Business District (CBD) |

Other Related Plans/CIP Projects:

BRB006 Broadband Underground Conversion

Related Equity Insight:

Does not directly support Equity but would have a disproportionate impact if reduced

PROJECT COSTS:

	2024/Yr1	2025/Yr2	2026/Yr3	2027/Yr4	2028/Yr5	Project TOTAL
	6,924,915	7,350,000	7,250,000	7,300,000	41,600,000	70,424,915

SOURCE OF FUNDS:

Funded	2024	2025	2026	2027	2028	2024-2028 TOTAL
Electric	74,915	500,000	400,000	450,000	500,000	1,924,915
Unfunded	Year 1	Year 2	Year 3	Year 4	Year 5	Unfunded TOTAL
Electric	6,850,000	6,850,000	6,850,000	6,850,000	41,100,000	68,500,000

LOCATION MAP:**Electric Feeder Underground Conversion**