

PROJECT INFORMATIONProject Name: **Electric Vehicle Charging Stations**Project #: **ELE104**Year First Shown in CIP: **2021**Funding Status: **Funded**Is this a Budget Amendment? ☒Amendment Date: **09/28/2021****PROJECT DESCRIPTION:**

Electric Vehicle (EV) Charging Station projects include the purchase and installation of EV charging stations at strategic locations throughout the City for city fleet vehicles and public vehicles. The typical station type is a dual port, level 2 ChargePoint charging station.

The estimated cost for each dual port level 2 EV charging station ranges from approximately \$6,000 to \$12,000 depending on whether it is for fleet vehicles or it will be a publically accessible station. Installation costs typically range from \$1,500 to \$5,000 depending on the availability of electric connection and the proximity of necessary infrastructure. EV charging stations qualify for Regional Air Quality Council (RAQC) grants under Charge Ahead Colorado (CAC). Grant funding will pay up to 80% of the total station and installation costs up to \$6,000 for fleet stations and \$9,000 for publically accessible stations.

PROJECT JUSTIFICATION:

Longmont aims to encourage widespread adoption of EVs. In 2016, Longmont adopted its Sustainability Plan, which includes increasing EV adoption through incentives and improved infrastructure with the goal of powering most vehicles by clean electricity. EV vehicles and charging stations will also play an important part in the City's Transportation Roadmap, Distributed Energy Resource plan, and Electrification Plan. EV charging infrastructure is crucial to encouraging EV adoption and sustaining local growth of the EV market.

SUPPORTING ENVISION LONGMONT GUIDING PRINCIPLES AND FOCUS AREA ALIGNMENT:

- | | | |
|--|---|---|
| <input 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 type="checkbox"/> GP4: A Safe, Healthy, and Adaptable Community | <input checked="" type="checkbox"/> GP5: Responsible Stewardship of Our Resources | <input 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 type="checkbox"/> Area of Change | <input type="checkbox"/> Downtown / Central Business District (CBD) |

Other Related Plans:

Related CIP Projects:

PROJECT COSTS:

	2021	2022	2023	2024	2025	2021-2025 TOTAL
	90,000	0	0	0	0	90,000

SOURCE OF FUNDS:

	2021	2022	2023	2024	2025	2021-2025 TOTAL
Funded						
Electric	90,000	0	0	0	0	90,000

LOCATION MAP:**VARIOUS LOCATIONS**