



Date: May 23, 2023

Honorable Mayor and Council Members:

Danielle LaPointe, Administrative Technician and Becky Bucar, Assistant Public Works Director

Title: **Federal Highway Administration (FHWA) Charging and Fueling Infrastructure (CFI) Discretionary Grant Application Authorization**

Jen Callaway, Town Manager

Recommended Action: Staff recommends Town Council authorizes staff to submit a 2023 FHWA Charging and Fueling Infrastructure Grant Application as outlined in the staff report.

Discussion:

The Town of Truckee has the opportunity to apply for Federal Highway Administration (FHWA) funding through the Charging and Fueling Infrastructure (CFI) Community Program grant. The purpose of the Community Program is to strategically deploy electric vehicle (EV) charging infrastructure, hydrogen fueling infrastructure, propane fueling infrastructure, and natural gas fueling infrastructure located on public roads or in other publicly accessible locations. The CFI Program is intended to accelerate an electrified and alternative fuel transportation system that is convenient, affordable, reliable, equitable, accessible, and safe. The FHWA will prioritize rural areas and low- and moderate-income neighborhoods that may disproportionately experience the consequences from climate change and other pollutants.

Town Staff would like to submit an application to the Community Program for the “Access to Community Electrification” (ACE) Master Plan Project with the following components:

- Consistent with the proposed Electric Vehicle Charging Infrastructure Master Plan and Implementation CIP (C2407), conduct a feasibility study to develop an Electric Vehicle Infrastructure Master Plan (EVIMP), which will include the following (\$250,000):
 - Consideration of short- and long-term demand for electric vehicle charging stations.
 - Community engagement and collaboration process, which will consider environmental justice and have a focus on engaging underrepresented or disadvantaged populations, workforce development, and educational programs.
 - Evaluation of potential Town-owned site locations and infrastructure needs (electric, civil, ADA-compliance, etc.).
 - A focus on future-proofing and only having to “dig once” to install EV infrastructure. The design will be developed to allow installation of all conduits, electrical services, and other necessary infrastructure to accommodate future expansion.
 - Develop preliminary designs for the long-term infrastructure improvements and complete designs for the first phase of implementation to be funded with the grant.
 - Develop a method for infrastructure procurement and financing options, including potential contract terms, charging fees, long-term maintenance costs, and carbon credits.

- Two implementation projects including:
 - Installation of two to four Level II and/or Direct Current Fast Chargers (DCFC) at Town Hall
 - Installation of two to four Level II and/or DCFC chargers at the Public Services Center

While the study and EVIMP are expected to cost about \$250,000, staff is still working to develop infrastructure implementation costs. At this time, staff anticipates the total requested grant amount will be less than or equal to \$1,500,000. The required match amount for federal grants is twenty percent (20%), which will not exceed \$300,000 for the CFI Community Program grant application. Authorization of this grant application would be a commitment to provide the local required match if awarded FHWA funding.

The requested funds from the FHWA Charging and Fueling Infrastructure program will help the Town meet its goal of reducing GHG emissions by providing infrastructure needed to support the growing adoption of electric vehicles. Staff is recommending that the Council authorize staff to submit an application and authorize the Town Manager to execute all necessary documents and provide all supporting information.

Priority:

<input type="checkbox"/> Enhanced Communication	<input checked="" type="checkbox"/> Climate and Greenhouse Gas Reduction	<input type="checkbox"/> Housing
<input checked="" type="checkbox"/> Infrastructure Investment	<input type="checkbox"/> Emergency and Wildfire Preparedness	<input checked="" type="checkbox"/> Core Service

Fiscal Impact:

Should the Town be successful in securing FHWA CFI Community Program funding, it would provide up to \$1,500,000 in funding toward implementation of Electric Vehicle planning and infrastructure and a total of \$300,000 would be required for match. The source of the match would likely be General Fund, consistent with the Electric Vehicle Charging Infrastructure Master Plan and Implementation project (C2407), which is currently proposed in the draft budget.

Public Communication:

Nothing outside this Staff Report and associated agenda posting.

Attachments:

Attachment A- DRAFT Project Abstract for CFI Grant Submittal