

Monterey County Capital Improvement Plan - 5 Year Plan

23/24 thru 27/28

Project #: Admin 2021-01 EV**Project name: Electric Charging Stations at Various County Facilities**

Type Equipment
Funding Status First Year - Funded
Useful Life 20 Years
Contact Cora Panturad, 831-755-5338

Department Administration
Project Phase Design/Planning
Fund TBD
Dept. Priority 1

Description

This project is to install multiple EV charging stations across the County facilities to provide vehicle charging for County fleet, employees, and the public in certain scenarios. Central Coast Community Energy (3CE) is also offering \$20,000 per project to support installation and hardware costs. Various facilities across the County would be good candidates, such as the Monterey or Salinas Courthouse, the Natividad Jail or hospital, the Health Department Building, and others. These sites will likely require more extensive site preparation. Site readiness would typically be performed through JOC contractors with EV hardware and installation provided through cooperative contracts. County funding is required for all site readiness which varies per project depending on existing conditions and the extent of upgrades required.

Justification

The County Fleet and employee commute make up the two largest sources of emissions for County operations. To meet the goals of our Municipal Climate Action Plan and the targets of SB32, the County needs to electrify their fleet and encourage the use of electric vehicles by County staff. The County can save money by switching to electric and hybrid vehicles because the cost of fuel can be 60% less than the cost of fuel for a regular internal combustion engine vehicle, more than making up for the difference in vehicle price. Stations should be installed strategically to coordinate with other parking lot projects. Free EVCS hardware becomes available to the County annually, and the County can leverage tens of thousands of dollars of funding by taking advantage of these free hardware opportunities if installation can be funded.

Project Status and Goals/Tasks to be Completed in the 1st Year of the CIP:

Coordinate EV installation as funding becomes available into existing County facilities and future improvement projects. The cost estimate for this project is based on two minimal site preparation projects, not including EV installations, final connections and commissioning.

Budget	Previous FYs	Current FY	23/24	24/25	25/26	26/27	27/28	Total
Design/Environmental			\$65,000					\$65,000
Construction Management			\$38,000					\$38,000
Construction			\$250,000					\$250,000
Contingency			\$32,000					\$32,000
Total			\$385,000					\$385,000

Funding Sources	Previous FYs	Current FY	23/24	24/25	25/26	26/27	27/28	Total
Fund 478			\$385,000					\$385,000
Total			\$385,000					\$385,000

Priority Score (Max 100): 30

F1 – Immediate Health/Safety:	0
F2 – Future Health/Safety:	0
F3 – Significant Health/Safety :	0
F4 – Security Issue:	0
F5 – Voluntary ADA Improvement:	0
F6 – Improve Public/Staff Experience:	10

F7 – < 3 Yrs to End of Useful Life:	0
F8 – Improve System Efficiency:	5
F9 – Green Energy Element:	10
F10 – Matching Funds:	5
F11 – Reduce Repair Costs:	
F12 – Repairs Cost Effective:	

GARE Score (Maximum 6):	2
Contribute to Community Civic Engagement:	0
Resident/Stakeholder Involved Planning:	0
Smart Growth Neighborhood Services:	1
Improve Quality of Life/Race/Health Equity:	0
Improve Open Space/Environment:	1
Improve Services to Vulnerable Populations:	0