



FINAL REPORT

CONTRACT NO. ML16046A (DOWNTOWN PUBLIC PARKING LOT)

INSTALLATION OF ELECTRIC VEHICLE CHARGING STATIONS PROJECT

City of El Monte

April 14, 2020

Prepared for the Mobile Source Air Pollution Reduction Review Committee (MSRC) under the AB2766 Discretionary Fund Work Program.

ACKNOWLEDGEMENTS

- ChargePoint, Inc.
- City of El Monte Public Works Department
- City of El Monte City Manager's Department
- Mobile Source Air Pollution Reduction Committee
- NOVA Electric

This report was submitted in fulfillment of Contract ML16046A and Installation of Electric Vehicle Charging Stations Project by the City of El Monte under the (partial) sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed as of November of 2020.

DISCLAIMER

This statement and conclusions in this report are those of the contractor and not necessarily those of the Mobile Source Air Pollution Reduction Review Committee (MSRC) or the South Coast Air Quality Management District (South Coast AQMD). The mention of commercial products, their sources or their uses in connection with material reported herein is not to be construed as either an actual or implied endorsement of such products.

EXECUTIVE SUMMARY

The City of El Monte and the Mobile Source Air Pollution Reduction Review Committee (MSRC) executed Contract No. ML16046A to install two (2) dual Level II Electric Vehicle Charging (EVC) Stations at the downtown public parking lot (Southeast Corner of Santa Anita and Valley Boulevard), also known as, the Valley Mall parking lot. Both dual EVCs are accessible to the public 24 hours a day and 7 days a week.

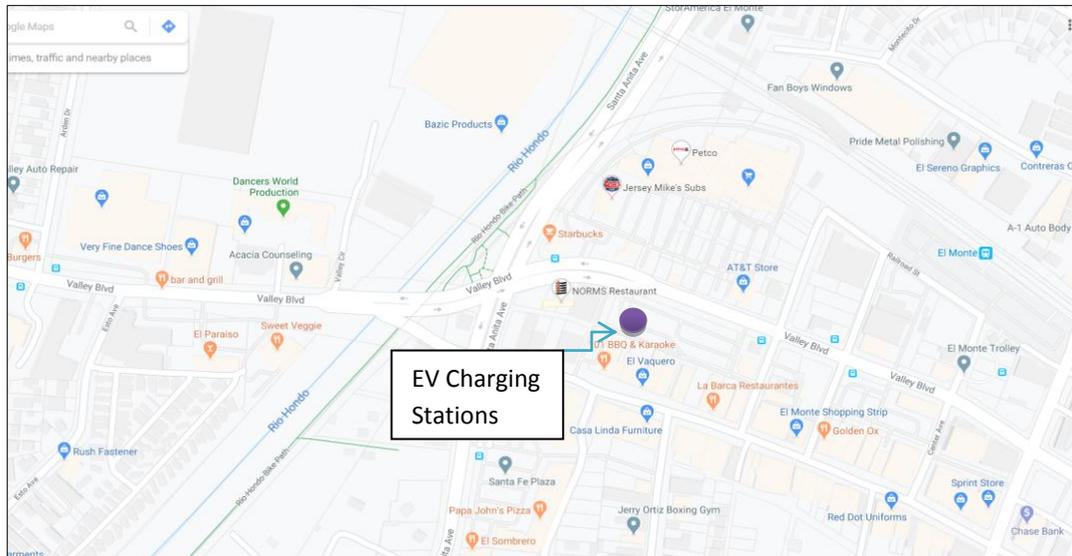
On June 7, 2016, City Council approved the Clean Air Transportation funding from the Mobile Source Air Pollution Reduction Review Committee (MSRC) for the purchase and installation of Electric Vehicle Charging Stations. The Program co-funds clean air projects, the City utilized AB 2766 Motor Vehicle Registration Fee Subvention Funds and Proposition C Local Return to co-fund the project.

The Electric Vehicle Charging (EVC) stations were selected based on the criteria such as electrical accessibility, available load capacity, ADA requirements, and public visibility and nearby alternative means of transportation. Each location has dual Level II EVC stations. Two (2) dual EVC stations were installed at the downtown parking lot.

ChargePoint, Inc. was awarded a National Joints Powers Alliance (NJPA) cooperative purchasing contract to sell and install ChargePoint-branded EVC stations for both projects under Contract No. ML16046A. Through a competitive process, the Green Giant Landscape, Inc. won the Service Contract Agreement for the construction work to be done under this contract. Due to unforeseen circumstances NOVA Electric completed the underground electric work and installation of the EVC stations.

ChargePoint, Inc. provided the charging station equipment and is now responsible for the post-construction billing and management services. In addition, ChargePoint, Inc. provided the hardware and support cloud-based data services to allow customers to insert a payment card and access the ChargePoint payment system. ChargePoint, Inc. deducts a processing fee for each transaction and returns net revenues to the City of El Monte.

The City of El Monte completed the project in November of 2019.



Discussion:

In 2015 the Clean Transportation Funding from the Mobile Source Air Pollution Review Committee (MSRC) became available exclusively to cities and counties within the South Coast Air Quality Management District (SCAQMD). This ‘Local Government Match Program’ provided co-funded clean air projects implemented by cities and counties that utilize their Motor Vehicle Registration Fee Subvention funds, commonly referred to as AB2766 Subvention Funds. Eligible project categories for this Local Government Match Program were refined to better support cities’ and counties’ air quality improvement needs. As a result, developed funding and incentives that would encourage the accelerated transition to fund projects that invest in cleaner vehicles and fueling alternative infrastructure.

In 2015, the City of El Monte met that requirement and submitted an application for approval to install two (2) dual accessible to the public EV Level II charging stations. On June 7, 2016, City Council approved the purchase needed EVC infrastructure for the project location.

The grant project to install two (2) dual electric vehicle charging stations will be the first effort by the City to provide accessible to the public charging stations for the El Monte community in the downtown parking lot area. Each charging station has two ports; a total of four (4) vehicles will be able to charge at any given time.

Results and Conclusions:

Prior to the installation of the Electric Vehicle Charging Stations, the City owned two single port EV chargers at the Metrolink Station parking lot. With the installation of the EVCs at the downtown parking lot, it increased access to EVCs for EV users by four additional charging ports (2-dual) in the vicinity. The EVC stations will help the City achieve local succession in the reduction of mobile source pollutants.

Project Documentation:

Two dual-port EV Charging Stations (Downtown Parking Lot):



Electric Vehicle Charging EVC Station Infrastructure with MSRC Logo/Decal:





Outreach Material:

Uploaded outreach material to the City's website and posted at City facilities newsstands and/or bulletin boards



City of El Monte
Public Works, Transportation Services

Electric Vehicle Chargers Now Available at Valley Mall Parking Lot & Metrolink Station Parking Lot



The City of El Monte Electrifies

The City of El Monte is working to increase fueling alternatives by providing needed electric vehicle (EV) infrastructure to EV users in the community.

As of February 2020, the City installed 34 electric vehicle (EV) charging station ports. These ports are now accessible to the public at City Hall, Metrolink Station and Valley Mall parking lots.

The new EV charging stations installed at the Metrolink Station and Valley Mall parking lots were co-funded by the Mobile Source Air Pollution Reduction Review Committee (MSRC), AB 2766 and Proposition C Local Return.

Electric Vehicle (EV) Charging at City-owned EV Stations

- Download and create an account with the ChargePoint App.
- To charge your EV at a City facility, type one of the following addresses:
 - 10925 Railroad Street for the Metrolink Station parking lot
 - 10707 Valley Mall for Valley Mall parking lot
 - 11333 Valley Blvd for City Hall parking lot
- The current EV user charge rate at these locations is set at \$0.30 cents per kWh.



If you have any questions or concerns regarding the EV charging stations, please contact Transportation Services at 626-580-6617.

The above outreach material can be found on the City's website under the following link:

<https://www.ci.el-monte.ca.us/326/Transportation-Division>

ELECTRIC VEHICLE CHARGING STATIONS IN THE CITY OF EL MONTE

The City of El Monte now offers Electric Vehicle (EV) Charging Stations for public usage. You can find a City-owned EV Charging Station at the following public parking lots: City Hall, downtown (i.e., Valley Mall parking lot) and Metrolink Station. You must download and create an account on the ChargePoint App in order to charge your EV at the stated locations. There is a \$0.30 cent fee per kWh when charging at one of three locations. For more information, please click on the link below:

[City of El Monte EV Charging Station](#)



EMPLOYMENT



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