

Final Report for AB 2766 Discretionary Fund

Contract # ML18130

SuperShuttle International, Inc.

February 1, 2021

Prepared for the Mobile Source Air Pollution Review Committee (MSRC) under the AB 2766
Discretionary Fund Work Program.

Acknowledgements

The City of Lake Forest entered into a contract with ARB Structures (“ARB”) for the design and construction of the Civic Center Parking Deck Project (“Project”). The Project included the construction of 308 parking stalls. The City’s contractor installed electric vehicle charging stations as well as equipment and photovoltaic panels capable of producing 200kW of electric power. The City provided a 25% match for the project. The balance of the funding came from The Mobile Source Air Pollution Reduction (“MSRC”) Local Government Partnership Program. This report is being submitted in fulfillment of ML18130 for the installation of 11 electric vehicle charging stations for a total of 21 charging ports.

Disclaimer

The 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 (SCAQMD). The mention of commercial products, their courses or their uses in connection with material reported is not to be construed as either an actual or implied endorsement of such products.

Project Description and Work Performed

The City of Lake Forest contracted with ARB to design and build the parking deck for the Civic Center Campus. As part of that work, ARB installed 11 electrical vehicle charging stations in the City’s parking deck structure. The scope of work for the EVSE project included purchase and installation of 11 electric vehicle charging stations and total of 21 charging ports with electrical, paving, striping and electric vehicle legend improvements to facilitate use application and ease of access to the charging stations. The total project cost was \$106,480. The contractor installed the Chargepoint stations on both the lower and upper levels of the parking structure. The City’s contractor completed the work and the City issued a Notice of Completion on July 3, 2018.

Problems Encountered

There are no significant problems or logistical issues to report. ARB installed the Chargepoint facilities in conjunction with ongoing site improvements at the Civic Center. The City did not begin occupying its Civic Center Campus until December 16, 2019. The site was not accessible to the public due to ongoing construction. Prior to relocation, City staff worked with Chargepoint to activate each charging station and monitors the performance of each station through a web-based dashboard developed and managed by Chargepoint. Once the City officially relocated its operations in late 2019, the charging stations were made available to the public on a 24-hour basis.

Emissions Benefits

The electric charging stations encourage the use of electric vehicles by expanding the infrastructure network available to the public. In this way, the City’s available 21 charging ports provide charging opportunities for regional and local commuters. As more residents purchase electric vehicles, the charging stations available at the Lake Forest Civic Center will continue reducing greenhouse gas emissions.

Photographs & Outreach

See Exhibit A for information on the City's Public Outreach Plan. Please see Exhibit B for photos of the installed vehicle charging stations.

Summary and Conclusions

The funding provided by the grant allowed the City to successfully install the electric vehicle charging stations. The City's Civic Center currently has one of the highest concentrations of charging stations in the community.

EXHIBIT A

CITY OF LAKE FOREST ELECTRIC VEHICLE CHARGING STATIONS PUBLIC OUTREACH PLAN

The City of Lake Forest is pleased to submit our proposed Public Outreach Plan to satisfy the project requirements in the above-referenced contract.

Project Status

The parking structure at the Lake Forest Civic Center, 100 Civic Center Dr., Lake Forest, CA 92630, is equipped with 11 operating EV charging stations, providing 21 charging ports.

Public Outreach Plan Components

After reviewing the attached Categories of Ideas for Public Outreach for Local Governments and evaluating possible outreach ideas, The City of Lake Forest will implement the following public outreach activities:

- **Social Media**
 - Post an announcement using the MSRC electronic badge on City's Facebook page (@lakeforestca, 6,976 followers).
 - Post an announcement using the MSRC electronic badge on City's Twitter account (@LakeForestCA, 3,376 followers).
 - Post an announcement using the MSRC electronic badge on the City's Instagram account (City of Lake Forest, 1,826 followers).
 - Post an announcement using the MSRC electronic badge on the Lake Forest Nextdoor page (17,400 members).
 - Post story using the MSRC electronic badge on City website annually (www.lakeforestca.gov).

- **Print Media**
 - One article annually in The Leaflet City magazine, mailed to all residents six times a year. The City's 2019 satisfaction survey found The Leaflet is residents' No. 1 source of City news and information.
 - One news release to the Orange County Register, the newspaper of record for Lake Forest. The release will also be distributed to various online publications.

- **Other Outreach**
 - Focus on Civic Center EV chargers in "Mayor's Minute" video for the City's social-media channels and website.
 - Creation of a PowerPoint slide for inclusion in annual "Leadership Academy" (35 participants) and other presentations, as appropriate.

- Include information about the charging stations as part of scheduled presentations to Lake Forest homeowner associations.

The City of Lake Forest will document our outreach activities and provide documentation in the form of photographs, hard copies of flyers/public notices/news releases, etc., and other supporting information with our final project report.

EXHIBIT B

