



FINAL REPORT

CONTRACT NO. ML 18035

Electric Vehicle Charging Station Project

City of Westlake Village
May 9, 2019

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

Acknowledgements

Philippe Eskandar – City of Westlake Village

Dave Kelly – City of Westlake Village

David Nevarez – ChargePoint Inc.

Los Angeles County Building and Safety

Southern California Edison

ChargePoint Inc.

HP Communications Inc.

The Newhall Land and Farming Company LLC.

This report was submitted in fulfillment of ML 18035 and Electric Vehicle Charging Station Project by the City of Westlake Village under the partial sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed as of April 24, 2019.

Disclaimer: The statements 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 sources or their uses in connection with material reported is not to be construed as either an actual or implied endorsement of such products.

Executive Summary:

The Mobile Source Air Pollution Reduction Review Committee (MSRC) and the City of Westlake Village have executed a Contract No. ML18035 to install twenty-two “Level II” type publicly accessible Electric Vehicle (EV) Charging Stations.

On February 14, 2018, the City Council authorized staff to submit an application to the Mobile Source Air Pollution Reduction Review Committee’s Local Government Partnership Program (Program) for the installation of twenty-two (22) electric vehicle charging stations for public use. The Program co-funds clean air projects that utilize AB 2766 Motor Vehicle Registration Fee Subvention Funds. The City’s application was approved on May 4, 2018.

On July 25, 2018 the City Council authorized staff to enter into an agreement with ChargePoint, Inc. for the purchase of twenty-two (22) Level II Electric Vehicle Charging Stations. Additionally, on July 25, 2018, the City Council authorized staff to enter into an agreement with Southern California Edison to participate in their Charge Ready EV infrastructure program.

On November 14, 2018, the City Council also authorized and awarded the construction contract to HP Communications, Inc. utilizing the Mobile Source Air Pollution Reduction Review Committee’s Local Government Match Program funds. On March 3, 2019, the City negotiated and accepted a donation of the ChargePoint stations under their “FivePoint Charging Station Donation Program.”

Six of the Electric Vehicle Charging Stations are located at the City of Westlake Civic Center (31200 Oak Crest Drive, 91361) and an additional sixteen at the Westlake Village Community Park (31107 Thousand Oaks Blvd, 91361). The stations located at the Westlake Village Civic Center are accessible 24 hours a day, 7 days a week. The sixteen stations located Westlake Village Community Park are part of a regional recreation complex, Park & Ride facility, and home to community YMCA facility. These sixteen stations are usable 24 hours a day, 7 days a week; however, vehicular access is restricted into the facility between 10pm and 5am. The City’ Electric Vehicle Charging Stations were installed without any issues and were available for public use in April 2019 to coincide with Earth Day.

Project Description & Work Performed:

The 2016 Air Quality Management Plan (AQMP) was designed as the regional blueprint for establishing the federal air quality standards for healthful air. As a result the 2016 AQMP recognized how important it was to work with other agencies to develop funding and incentives that would encourage the accelerated transition to cleaner vehicles and mobility strategies. To “jumpstart” the awareness of the measures outlined in the 2016 AQMP the Mobile Source Air Pollution Reduction Review Committee (MSRC) offered to directly partner with cities and counties within the South Coast AQMD on a new program known as the “Local Government Partnership Program.”

The program concentrated on an accelerated transition to zero and near-zero emissions vehicles, including the essential supporting infrastructure. The Local Government Partnership Program offers to partner with cities and counties that already participate in the AB 2766 Subvention Fund program and the City of Westlake Village meeting that requirement, submitted an application for approval to install six (6) Level II charging stations at the Westlake Village Civic Center. The MSRC subsequently notified the City of Westlake Village that its project had approved.

In order to better leverage the MSRC funding, at the same time that City staff were working with MSRC staff for the Local Government Match Program, City staff applied for a grant opportunity through a Southern California Edison (SCE) program called Charge Ready. Staff had submitted application materials and justification for vehicle charging stations at the City’s newly completed Westlake Village Community Park. As a premier regional recreation facility which also serves as a Park & Ride transit hub, the Community Park presented a unique opportunity for the furtherance of clean transportation mandates.

Through the Charge Ready program, SCE invited qualifying non-residential customers to submit applications for the deployment of EVSE on their properties. The program differs from typical grant opportunities in that, should an application be accepted, SCE bears the majority of the planning, construction, and financing of an EVSE project. In turn, the grant recipient is responsible for the purchase and final installation of the EVSE once all the infrastructure and construction has been completed by SCE.

In April 2018, staff were notified that the City’s application had been accepted and passed the initial review phase. While this initial review represented progress in the application, it was only the first step of a lengthy multi-step review process. In late April, staff participated in two onsite visits with SCE and its subcontractors in order to pass the site inspection qualification of the application process. In line with staff’s expectations, SCE concurred that the Community Park was an ideal location to participate in the Charge Ready program and allowed the City’s application to proceed to the next step.

Following the onsite visits, the next step of the process required SCE to conduct a cost feasibility analysis for the Community Park location. This analysis resulted in the development of a

conceptual site plan which was presented to City staff on June 7, 2018. SCE determined that based on its cost analysis, conceptual drawings, and the benefits presented by the Community Park, the City's project application would be recommended to the next step which consists of executing a participation agreement between the City and SCE.

Through the leveraging and combining of both the SCE Charge Ready program and the MSRC Local Government Match program, City staff were able to complete the installation of twenty-two (22) publicly accessible Level II charging stations. City staff believe Westlake Village is now home to the largest number City owned publicly accessible EVSE per capita anywhere in the SCAQMD territory.

The location for the EV Charging Stations are:

Location	# of ADA Accessible Ports	Total # of Ports
Westlake Village Civic Center	2	6
Westlake Village Community Park	2	16

Procurement Process:

Staff researched potential vendors, in acquiring the EVSE by looking into features such as equipment costs, network outreach, and any incentive-based programs that could possibly be beneficial to the City. One vendor in particular, ChargePoint, offered a donation program called the "FivePoint Charging Station Donation Program." The donation agreement allows the City to receive twenty-two (22) ports worth of EVSE at no cost but did require expenses associated with the installation and delivery process.

ChargePoint is an industry leader offering a customizable turnkey solution. Their Commercial Cloud Plan handles all network and software applications. Additionally, a ChargePoint Assure Plan that covers the maintenance and management portion of the stations helps to ensure a "worry free" atmosphere. ChargePoint's offer of a mobile app and real-time data, makes it easy for the general public to find any one of their 25,000+ stations. ChargePoint provides world-class service products and support to keep stations online, provides 24/7 driver support, along with assistance in energy management to help keep energy costs down.

Once the EVSE vendor was secured staff solicited and received two (2) informal bids for the construction and installation of the stations. Bids received were as follows:

Contractor	Proposal Amount
HP Communications Inc.	\$24,618.81
Taft Electric Co.	\$94,705.00
VVD Communications	Did Not Submit
Cal Pacific Constructors Inc.	Did Not Submit

Staff reviewed all informal bids submitted and selected the low bidder, HP Communications Inc., and deemed their bid responsive and acceptable. On November 14, 2018, the City Council awarded the construction contract to HP Communications, Inc.

Results & Conclusion:

The growth of the electrical vehicle industry is increasing every day. These charging stations provide a useful service to the public and demonstrate to the community the City of Westlake Village's commitment towards reducing air pollution-producing tailpipe emissions. A total of \$357,137.12, not including City staff time was expended on the completion of this project; a breakdown of the expenses and negotiated donations are listed below. Since the installation of the twenty-two EVSE, more than 2,100 accumulated sessions have been logged and nearly 16 MWh of electricity have been delivered to EV's; significantly offsetting the use of fossil fuels.

Contractor	Scope	Cost
HP Communications Inc.	Infrastructure construction including trenching, conduit, electrical, pavement, etc.	\$24,618.81
ChargePoint Inc.	Charging station mounting hardware, installation and commissioning.	\$25,951.00
	TOTAL	\$50,569.81

Donor	Description	Value
Southern California Edison	Infrastructure construction including trenching, conduit, electrical, pavement, transformer, etc.	\$220,000.00
ChargePoint Inc.	Charging stations.	\$86,567.31
	TOTAL	\$306,567.31

Photographs & Outreach Media:

**City of Westlake Village**
April 26 at 8:00 AM · 🌐

Happy Friday Westlake Village! We promised you more electric vehicle charging stations this week and we're delivering on that promise... 6 more stations are now live at the Westlake Village Civic Center!

4 ports are located on the City Hall side in the upper level parking lot near the driveway with 2 more ports located behind the Library near the Book Nook.

Whether you live or work nearby, or are just passing through, come on over and plug in; help us all contribute to a cleaner, greener, Westlake Village!



490
People Reached

86
Engagements

Boost Post

👤 Janine Goldberg, Sophie Brown and 20 others

1 Comment 2 Shares

👍 Like

💬 Comment

🔗 Share

🌐

**City of Westlake Village**
April 22 at 4:04 PM · 🌐

Just in time for Earth Day! The first 16 publicly accessible electric vehicle charging stations in the City of Westlake Village are live and ready to help you make a positive impact on air quality in the region!

These stations are located at the Westlake Village Community Park near the soccer fields.

Stay tuned for even more stations to come online later this week at the Civic Center!



518
People Reached

71
Engagements

Boost Post

👤 Cali Love, Brent Locke and 12 others

2 Shares

👍 Like

💬 Comment

🔗 Share

🌐

**City of Westlake Village**
April 15 at 3:57 PM · 🌐

Something very exciting and dare we say...electrifying, is almost ready to come online next week, just in time for Earth Day! Can you guess what it could be?



149
People Reached

7
Engagements

Boost Post

👤 Colin Doyle Cfo, Jeff Friedman and 2 others

👍 Like

💬 Comment

🔗 Share

🌐

👤 Write a comment

👤

👤

👤



Westlake Village goes EV

City installing almost two dozen charging stations for public use

March 21, 2019

By Ian Bradley
ianbradley@theacorn.com



PLUGGED IN—The charging stations will have standardized plugs. Tesla drivers will need an adapter.

The City of Westlake Village, traveling on the road to progress, said it wants to be electric-car friendly.

At its meeting last week the Westlake Village City Council voted to install 22 electric vehicle charging stations for public use—16 at the community park on Thousand Oaks Boulevard and six at City Hall.

Westlake Village Mayor Ned Davis said the stations are the next step in the city's plan to embrace future technology; the council is also updating the city's internet infrastructure.

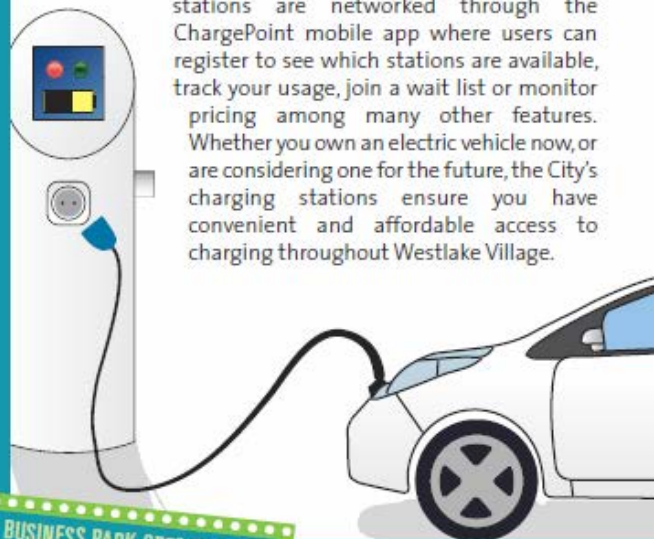
"We're really pleased with it. I'm very excited," Davis said of the charging stations. "It's in support of where we're going anyway."

Philippe Eskandar, a city administrative analyst, said the more than \$100,000 project will be covered mostly by grants from Southern California Edison and the South Coast Air Quality

ELECTRIC VEHICLE
CHARGING STATIONS
AVAILABLE NOW

The City of Westlake Village is excited to bring yet another great amenity to its residents and visitors. Beginning this month, twenty-two publicly accessible electric vehicle charging stations will come online to further the City's commitment to investing in clean air and sustainable practices. As one of the largest per-capita installations of any city around, six stations are located at the Westlake Village Civic Center and sixteen at the Westlake Village Community Park. These projects were completed in partnership and funding provided by the City of Westlake Village, the Mobile Source Air Pollution Reduction Review Committee of the South Coast Air Quality Management

The review and comment period for the EIR will last until May 15, though comments on the plan can be submitted to the City right up until the hearing date, which may be held in June. The plan was discussed at the regular City Council meeting on April 24th. Please join us for an open house on May 11 from 10:00 am to noon in the Community Room. Please plan to attend one or more of these events. Please note that these events are for educational and public comment purposes, and will not involve any decision on the draft Plan or the EIR. Such decisions can only take place at a noticed public hearing. Stay tuned to the City's website at www.WLV.org, or better yet, sign up for "North Business Park Specific Plan" alerts in the Notify Me section of the website for a text message or email when new documents are posted, or new events are scheduled. If you have questions about this plan or the accompanying EIR, please contact the Planning Department at (818) 706-1613.



Westlake Village: 2019 A Year In Review

This past year marked several significant achievements and changes for the City of Westlake Village. Here are a few highlighted major accomplishments over the last twelve months:

Capital Improvement Projects

The City of Westlake Village underwent many improvement projects this year. Some examples include the utility box screening project, street number painting, and installation of three sets of flashing crosswalk beacons. Trail stairs were built at the Westlake Village Community Park, twenty handicap ramps were built in First Neighborhood and several City Streets were paved, most notably Russell Ranch Road and Via Colinas. The City also undertook three large capital improvement projects.

Lindero Walkway and Beautification Project

The City is proud of the completed Lindero Walkway Beautification Project that opened this past September. The City Council authorized staff to construct the meandering pathway with beautiful street furniture, seat walls and a variety of plant materials, featuring a new and efficient low-watering irrigation system, all of which is supplied with Recycled Water from Las Virgenes Municipal Water District. Many trees were saved, and dozens of new trees were planted. An interesting element of the project includes the multiple storm water bio-swales. The swales help to provide bioremediation, which removes nutrients and other water pollutants from storm water before it's slowly reintroduced back into the ground.

Electric Charging Stations

Electric vehicle charging stations were installed through partnership and funding provided by the City of Westlake Village, the Mobile Source Air Pollution Reduction Review Committee of the Southern Coast Air Quality Management District, Southern California Edison's ChargeReady program and ChargePoint Inc. This is one of the largest per-capita installations of any city around! Six stations are now located at the Civic Center as well as sixteen at the Westlake Village Community Park.

101 Freeway Frontage Landscaping Project

The City's Planning Department has had a busy year filled with many changes. The department is currently in the process of restructuring and streamlining existing permit processes to provide more efficient service to the residents and businesses of Westlake Village. The department continues to work extensively on expediting permitting for properties impacted by the fires, on assisting new and growing businesses within the City and on the North Business Park Specific Plan.

North Business Park Specific Plan Update

The City held an Open House on May 11 to discuss the proposed project. A Community Advisory Committee was formed, comprised of residents that meet regularly to guide the direction of the North Business Park Specific Plan. Their role is to ensure that future developments maintain a high level of standards.

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