

**Project Summary  
Final Report**

**Contract No. ML18021  
Installation of Electric Vehicle (EV)  
Charging Stations**



**City of Signal Hill  
Public Works Department  
January 11, 2019**

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

**Acknowledgements**

Special thanks to ABM Electrical and Lightning Solutions for the construction and to Sara Russo and Jesus Saldana from the City of Signal Hill for project management. This report was submitted in fulfillment of ML18021 and Electrical Vehicle Charging Infrastructure (EVSE) Installation by City of Signal Hill under the (partial) sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed as of December 18, 2018.

**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 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.

### **Project Description & Work Performed**

Signal Hill Municipal Code Section 3.20.090 allows piggyback purchases through cooperative agreements, promoting cost savings and administrative efficiencies. The City is a member of the National Joint Powers Alliance (NJPA), which entitles the City to access competitively bid national contracts which include language regarding competitive bidding and prevailing wages. This process allows the City to piggyback on existing NJPA contracts for the purchase and installation of an EV charging infrastructure.

Signal Hill used ABM Electrical & Lighting Solutions to purchase and install two dual-port ChargePoint EV charging stations at the Civic Center Upper Level Parking Lot. ABM Electrical & Lighting Solutions was responsible for pulling required permits, construction, passing required inspections, activating, and commissioning charging stations. This work by ABM was completed on October 26, 2018.

### **Problems Encountered**

There were no problems encountered throughout this project's process.

### **Emissions Benefits**

This section does not apply to the installation of EV Charging Stations.

### **Photographs & Outreach**

Photographs of EV Charging Stations were taken at the installed location (See Attachment 1). A Public Outreach Plan was submitted. On August 6, 2018, Signal Hill presented the project to the City's Sustainable City Committee to educate those involved with sustainable projects throughout the City on the upcoming project. IN the Fall of 2018, Signal Hill promoted the project to residents of the City via the City's *City Views* newsletter, Facebook, and flyers to satisfy the public outreach component of this contract. Signal Hill additionally posted to the City's website to explain the technology, the benefits of driving electric vehicles, and showed photographs of the EV charging stations at the Upper Parking Lot. Attachment 2 is the power point presentation to the City's Sustainable City Committee.

**Summary and Conclusions**

Two dual-port EV Charging Stations were installed. Installation of EV Charging Stations are located at the following location:

Civic Center Upper Level Parking Lot      4 ports

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No extensions to the original Agreement with AQMD were needed because the project was completed within the required time frame. Having the construction site within walking distance of City Hall allowed for ease of access for all employees involved during the construction and inspection process.

# Attachment 1

## Photographs



## Attachment 2 Public Outreach Program

The City of Signal Hill implemented a public outreach program which included an article in the City's City Views newsletter, posting information on the City's website and the City's Facebook page, as well as a presentation of the project to the City's Sustainable City Committee.

### City Views Newsletter

#### **NEW EV CHARGING STATIONS**

New ChargePoint electric vehicle (EV) charging stations are now available for public use in the upper Civic Center parking lot on Legion Drive, across from City Hall. Charging fees are \$0.55/kWh. Once your vehicle is fully charged, you will have a 30-minute grace period to move your vehicle. After expiration of the grace period, a \$2.50 hourly parking fee will be charged. The ChargePoint mobile app is your key to managing and paying for your charging sessions. The stations are possible thanks to funding from the Clean Transportation grant from AQMD's Mobile Source Air Pollution Reduction Review Committee (MSRC). Additional charging stations will be available at the new Library. We encourage EV drivers and owners to take advantage of this new resource!

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# City Facebook Page Posts

**City of Signal Hill - California**  
October 22 at 8:35 AM

Friendly reminder: the Civic Center upper parking lot at N. Legion Drive and Hill Street (across from City Hall) is closed today through Friday, October 26 from 7 a.m. - 5 p.m. and from Monday, October 29 - Wednesday, October 31 from 7 a.m. - 4 p.m. Use of the lower Civic Center parking lot is restricted to City Employees only Monday - Friday 7:30 a.m. - 5:30 p.m. If you're doing business at City Hall, parking alternatives include Hill Street, the Library/Youth Center, and there is extremely limited parking on Jessie Nelson Circle. Thank you for your understanding!



**City of Signal Hill - California**  
January 18 at 12:27 PM

Don't forget to take advantage of our new ChargePoint electric vehicle (EV) charging stations located in the heart of Signal Hill on 1919 E. Hill St. and Legion Dr. (upper parking level), just across from City Hall. These new chargers are accessible 24/7. Easily activate your ChargePoint Network membership online ([www.chargepoint.com](http://www.chargepoint.com)) or call 888-758-4389. You can also install the ChargePoint app on your smartphone.



7 2 Comments 6 Shares

**City of Signal Hill - California**  
January 25 at 12:36 PM

Consider the benefits of an electric vehicle! Save money on fuel and gain EV tax credit incentives. Lower emissions also mean a better environment for us all. EV drivers and owners, be sure to visit the new Signal Hill EV Charging Station at 1919 E. Hill Street (upper parking lot across from City Hall).



3 2 Shares

**City of Signal Hill - California**  
February 1 at 12:30 PM

Traveling with an electric vehicle? Plan ahead and charge up at our Signal Hill EV Charging Stations, located at the upper Civic Center parking lot, conveniently available 24 hours a day, 7 days a week. Don't forget to download the ChargePoint app to stay on top of where the nearest EV stations can be found. More info: <http://www.cityofsignalhill.org/EVcharging>



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