



**City of Yorba Linda**

**MSRC Local Government Partnership Program**

**Final Report for Contract No. ML18043**

**Prepared for the Mobile Source Air Pollution Review Committee (MSRC) under  
the AB 27665 Discretionary Fund Work Program**

**By  
Community Development Department, City of Yorba Linda  
December 7, 2021**

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## **Acknowledgements**

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This report was submitted in fulfillment of Contract No. ML18043 for the Yorba Linda Public Library and Cultural Arts Center Electric Vehicle Charging Station Project by the City of Yorba Linda under the partial sponsorship of the Mobile Source Air Pollution Reduction Review Committee (MSRC). Work was completed as of November 5, 2021.

## **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.

## **Summary and Conclusions**

### **Scope and Purpose**

The City of Yorba Linda (City) was pleased to receive the announcement and invitation to participate in the MSRC “Local Government Partnership Program” on September 1, 2017. As described in the program information materials, the program provided an additional, discretionary funding reservation for local agencies that currently participate in the AB 2766 Subvention Fund Program to assist with funding eligible high priority clean air projects in order to “jumpstart” implementation of the South Coast AQMD’s 2016 Air Quality Management Plan. Based on the amount of air quality improvement funding the City already receives through the AB 2766 Subvention Fund Program, the City had a Reserved Funding Amount of \$87,990.00.

To qualify to participate in the Local Government Partnership Program, the City was required to:

- 1) Review the Program Opportunity Notice & Invitation to Negotiate;
- 2) Participate in the MSRC-sponsored Webcast that took place at 10:00 a.m. on October 3, 2017;
- 3) “Opt-in” to the MSRC Local Government Partnership Program by informing the City Council of this unique funding opportunity; and
- 4) Submit a Project Plan per the Program Opportunity Notice describing how the City wishes to partner to clean our air.

As described in the City’s application for grant funding, City staff reviewed the opportunity and invitation to negotiate materials and participated in the webcast held on October 3, 2017, at 10:00 a.m. Secondly, staff presented the program opportunity using the MSRC-supplied PowerPoint presentation to the Yorba Linda City Council at the November 7, 2017, City Council meeting, and the City Council adopted Resolution No. 2017-5526 “opting in” to the Program. Finally, the City prepared and submitted a project plan for consideration by the MSRC Board for grant funding.

The City of Yorba Linda was in the process of designing and developing a new public library and cultural arts center (LAC) within the City’s town center. The LAC was planned to include fifteen (15) publicly available (on 24-hour basis) Level II electric vehicle (EV) charging stations (i.e., charging ports or handles) to help support EV expansion throughout the community, including the City’s concomitant transition of its own passenger vehicle fleet to zero emissions vehicles.. The City proposed to fund a portion of the EV charging infrastructure with the MSRC grant, together with matching funds from the City’s AB 2766 Subvention Fund account. The City and MSRC executed Contract No. ML18043 for partial funding of this project on September 9, 2018.

## Detailed Project Description

The LAC EV charging station project was completed in two phases along with construction of the LAC project. Phase 1 consisted of implementation of the first seven (7) of fifteen (15) total charging stations<sup>1</sup>. Due to need to provide accessible charging capacity, Phase 1 included three (3) single port chargers, and two (2) dual port chargers as shown in the photo below. This phase also included all of the pre-wiring and backbone infrastructure for expansion of the stations to include eight (8) more charging handles as part of Phase 2 installation, for a total of fifteen (15).



The Phase 1 chargers (x7) were completed and energized when the LAC was completed in November of 2020. Phase 2 installation of four (4) additional, dual port chargers (i.e., 8 charging ports or handles) were installed and energized on November 5, 2021. With installation and energizing of these remaining eight (8) charging ports, the LAC EV charging station project is now complete. This project supports the City's growing number of EVs by providing charging capability in a public venue that is readily accessible to the public on a 24-hour basis. The additional benefit of this bank of EV charging stations is that it supports the charging needs of LAC-based employees who may choose to purchase an EV, as well as many residents who live in multi-family housing in the nearby vicinity who do not have the ability to install home-based EV charging equipment. Finally, the LAC charging station bank provides an opportunity for EV motorists who may not live locally but are on an extended trip to top off their batteries in a safe

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<sup>1</sup> The term "station" is used interchangeably here with the terms "handle" or "port" to describe the actual charging apparatus that supports one vehicle space. A total of 15 vehicle charging spaces were provided as part of this project, each served by its own corresponding charging port or handle. An amendment to Contract No. ML18043 (i.e., Contract No. ML18043A) clarifying this terminology was approved by the MSRC Board on October 22, 2021.

and convenient location that also provides them an opportunity to visit the public library and/or nearby restaurants and retail businesses.

#### Recommended Future Actions

Based on the City's experience with initiating the installation of EV charging systems and equipment (EVSE) for the LAC, the City has undertaken a second, major EVSE initiative at City Hall that will support the transition of the City Hall based passenger vehicle fleet to zero emissions vehicles. The City will be using AB 2766 subvention program funds to assist with funding for this project, which is nearly complete at this time. The City is excited to begin retiring its fleet of combustion engine powered vehicles through purchase of an initial ten (10) EVs in the first quarter of 2022. Eight (8) additional combustion engine powered vehicles at City Hall are slated for replacement in approximately 2024. It has been further recommended that the City continue to expand EVSE and fleet transition at other City facilities (e.g., community center, parks, etc.) in the ensuing months and years. Finally, it has been recommended that the City continue to monitor EV technology innovations to find other opportunities for transitioning local government activities and services to an electrified base (i.e., mowers and blowers, stand-by power for emergency services, medium and heavy duty vehicle fleet, etc.).



**Appendix 1**  
**Project Photographs**



LAC



Phase 1 Chargers (x7 ports)



Phase 2 Chargers (x8)



Single-Port Charger



Dual-Port Charger



Signage (Typical)

## Appendix 2 Media/Outreach Materials

### City Website News Release re New EV Charging Stations¶

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Screen-shot of front-page "Latest News" item on the City's Website.¶



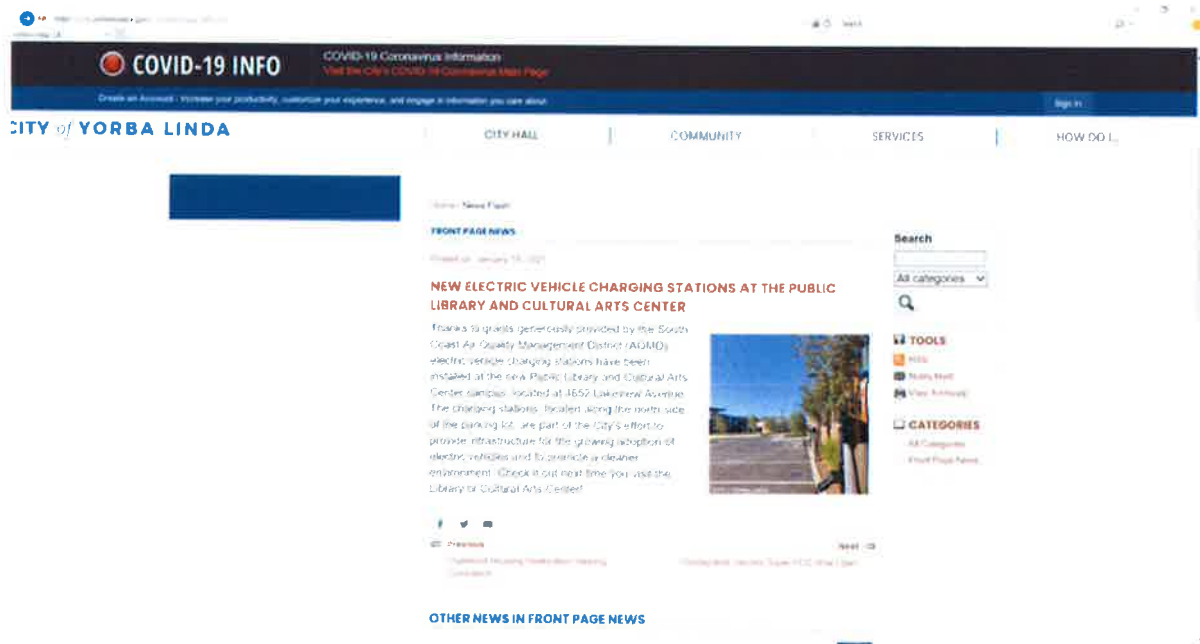
#### **NEW ELECTRIC VEHICLE CHARGING STATIONS AT THE PUBLIC LIBRARY AND CULTURAL ARTS CENTER**

Thanks to grants generously provided by the South Coast Air Quality Management District (AQMD), electric vehicle charging stations have been installed at the new Public Library and Cultural Arts Center campus, located at 4852 Lakeview Avenue.

[Read on...](#)



Story link from front page news reference¶



## City E-Newsletter screenshots promoting opening of library and arts center





### New Library is Now Open for Grab and Go Services

The City's new Public Library is now open for Grab & Go Service including mobile pick-up and materials borrowing. Reservations are required and can be made with a valid Yuba Linda Public Library card via the Library's website. Hours for Grab & Go Service are:

- Monday through Thursday 11:00 a.m. - 7:00 p.m.
- Saturday 9:30 a.m. - 5:00 p.m.
- Sunday & Holiday Closed

To learn more about this service, and to schedule your reservation today, please visit [ylib.us/grabgo](http://ylib.us/grabgo). The pick-up of books is available during library operating hours and does not require a reservation. Hours are subject to change based on COVID-19 restrictions.



### Sign up for AlertOC Emergency Alerts Now!

Recent and long-standing residents are urged to demonstrate why it is more important than ever for residents to register to receive emergency updates through AlertOC, the County's mass notification system. Residents may receive emergency alerts to include disaster notifications, evacuation orders, public health emergencies, public safety emergencies, or any emergency information as defined by the City. Residents can register for AlertOC or manage their existing profile by visiting [AlertOC.org](http://AlertOC.org), or by texting ALERTOC to 687777. Also, it is a good idea to verify your contact information is up to date by logging on to the AlertOC website, especially after changing your residence or phone number.



### Deck the Door & Deck the Store Contest Launches

Join the Yuba Linda Chamber of Commerce and the Yuba Linda Women's Club for a Merry Holiday decorating competition! Deck the Door entries can be submitted for residential doors and may include patches, and Deck the Store entries are open to business storefronts. The four decorating categories are traditional, festive, religious, and humor. Registration is currently open and ends December 14 at noon. Entry fees for the Deck the Door contest is \$25 per category, and the Deck the Store fee is \$40. One hundred percent of donations will benefit the Yuba Linda Veterans Clinic & Yuba Linda Chamber Foundation Scholarship Program. For more information, entry details, and contest rules, visit [yorklindschamber.org](http://yorklindschamber.org).



### Winter Guide is Coming

Winter is coming, which means the Parks and Recreation Department's Winter Guide will be out soon. For more details about this catalog of the Department's offerings, please visit the Department's website, [yorklindschamber.org](http://yorklindschamber.org), and sign up to receive updates from the City. Registration will open for residents on December 15 at 10 a.m., and December 23 at 10 a.m. for nonprofits.

Due to the evolving nature of the COVID-19 situation, all programs and registration dates are tentative and subject to change. Look for additional information in future issues of the Parks and Recreation newsletter and social media. Based on current restrictions, certain classes will be required to run outdoors with continued modifications.

## Promotional ad in City catalogs and other periodicals

