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CITY MANAGER'S OFFICE

Memo

To: John Russo, City Manager/O.C. Great Park Executive Director
From: Mayor/O.C. Great Park Director Christina Shea *CS*
Date: March 13, 2020
Re: Orange County Great Park Agenda Item Request

The California Air Resources Board has identified the transportation sector as the State's most significant contributor of air pollutants and climate-changing gases. To combat this problem, California has set a goal of having 5 million zero-emission vehicles (ZEV) on the road by 2030 (some have urged that the target be increased to 7.5 million).

From 2011 through 2019, it has been reported that there were 700,110 zero-emission electric cars sold in California, with annual sales increasing each year. In the third quarter of last year, the third highest-selling vehicle model was an electric ZEV, and the popularity of ZEVs will likely increase as more manufacturers convert their model lines to include electric motors. To further entice ZEV sales, policymakers have created incentives to help the State reach its 2030 goal.

With the increase in zero-emission electric vehicles, there has become an increased demand for charging stations. I believe that this demand may provide the City with a service opportunity for our residents and a possible revenue opportunity for the City.

While residents visit our facilities and parks, I believe that it would be helpful to provide them with the option of being able to charge their vehicles.

Currently, the Great Park has parking stalls designated for electric vehicles (EVs), but only a limited number of them are equipped with charging stations. I request that a discussion/action item be added to the March 24th Great Park Board meeting agenda to review:

- The current number of EV parking stalls, and anticipated EV stalls planned for the Great Park,
- Plans to provide EV charging stations at the Great Park, and,
- A review of related revenue opportunities being explored by the City and alternative approaches (including, but not limited to sponsorship or advertising models) that might be taken by the City.

Please have Staff prepared to provide answers to these discussion items.

cc: City Council/O.C. Great Park Board Members
City Attorney
City Clerk

Memo

To: Orange County Great Park Board of Directors
Via: John Russo, Executive Director 
Via: Pamela Baird, Deputy Director of Great Park Finance and Administration
From: Steve Torelli, Senior Management Analyst
Date: March 19, 2020
Re: **Electrical Vehicle Charging Stations at the Great Park**

On March 13, 2020, Director Shea submitted a memo requesting an update on several matters relating to Electric Vehicle (EV) charging stations and capacity at the Orange County Great Park:

1. The current number of EV parking stalls, and anticipated EV parking stalls planned for the Great Park,
2. Plans to provide EV charging stations at the Great Park; and
3. A review of related revenue opportunities being explored by the City and alternative approaches (including, but not limited to sponsorship or advertising models) that might be taken by the City.

The City has 48 Level 2 spaces designated for EV charging at the Great Park (see attached map). These spaces are plumbed (conduit in place from the parking stall to a nearby utility enclosure), however do not have electrical wiring or charging stations configured. Great Park Ice, which operates on leased City property, has seven charging stations, serving 14 spaces. Updated California Building Codes require six percent of new non-residential parking lot spaces to be EV spaces, which applies to future parking lots and facilities.

The City has long sought to provide EV charging solutions to, not only the Great Park, but also additional facilities. At the Great Park Board's recommendation, and City Council's direction, staff will prepare a Request for Proposals (RFP) for installation, operation, management, and maintenance for an EV charging network at the Orange County Great Park and all City facilities. Respondents to this RFP would be asked to propose financial arrangement types (in the form of lease or operating agreement) and opportunities to capitalize with additional advertising or sponsorship opportunities.

Memo – EV Charging Stations

March 18, 2020

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During Great Park Improvement Area design and construction, the City opted to add infrastructure for both Photovoltaic (PV) and Electric Vehicle (EV) programs. At the time of development, it was decided to await for a citywide program for implementation of both elements.

Attachment: Map of EV Stations

ATTACHMENT 1

