

# EXECUTIVE BRIEF REGULAR MEETING

**AGENDA DATE:** April 28, 2020

**TITLE:**

Resolution No. 13-2020 – Electric Vehicle Charging Infrastructure Phase I Application

**SUMMARY:**

The resolution authorizes the submission of an application to the Florida Department of Environmental Protection for funding up to \$500,000 under the Electric Vehicle Charging Infrastructure Phase I program. The City's application requests funding for the development of an electric vehicle charging station to help mitigate mobile sources of emissions where people live, work and visit.

**BACKGROUND AND JUSTIFICATION:**

The Diesel Emissions Mitigation Program (DEMP) utilizes funds from the Volkswagen Settlement Act and the U.S. Department of Environmental Protection Agency's Diesel Emission Reduction Act to fund projects that reduce mobile emissions such as nitrogen oxides, particulate matter and organic hazardous air pollutants. Florida became a beneficiary under the resulting Environmental Mitigation Trust Agreement for State Beneficiaries on January 30, 2018. The Florida Department of Environmental Protection has been assigned as the Lead Agency for oversight of these funds.

In accordance with requirements under the Mitigation Trust, the Florida Department of Environmental Protection has published a Beneficiary Mitigation Plan for the State that identifies allowable mitigation actions and funding amounts. Approximately \$25 million has been allocated for electric vehicle charging infrastructure.

The Florida Department of Environmental Protection has a Request for Applications to provide funding for Electric Vehicle Charging Infrastructure Phase 1. The primary objective of Phase 1 is to provide sufficient fast charging opportunities in the event of an evacuation due to natural disaster. Accordingly, twenty-seven segments of major interstate corridors, including I-95, have been identified as eligible for funding. These include the two interchanges in Lake Worth Beach.

The sites proposed for charging stations cannot be located on the actual interstate or within the interchange. Accordingly, the City's application identifies the development of a charging site on 6<sup>th</sup> Avenue South immediately west of its intersection with South Dixie Highway. This location is within the allowable distance to the I-95 interchange, thereby providing easy access to and from the interstate.

The City's application incorporates a team that includes market leaders in the design, development, deployment and operations of electric vehicle (EV) charging infrastructure. It will partner with Chargepoint, a company that operates the largest and most open EV charging network in the world, and has completed numerous past projects that demonstrate relevant technical and business experience necessary to support the installation, management, and

maintain EV charging infrastructure. ChargePoint has been in operation since 2007 and currently operates over 111,000 total charging spots.

The City's application is due to the Florida Department of Environmental Protection by its extended deadline of May 7, 2020.

**MOTION:**

Move to approve/disapprove Resolution No. 13-2020 authorizing the submission of the City's Electric Vehicle Charging Infrastructure Phase 1 application to the Florida Department of Environmental Protection.

**ATTACHMENT(S):**

Fiscal Impact Analysis – not applicable  
Resolution