


COUNCIL COMMUNICATION

 CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number:	22-368	Meeting:	August 8, 2022
	Agenda Item:	42	Roll Call:	22-1260
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Approving and authorizing the execution of the Iowa Department of Transportation (IDOT) Agreements for the Iowa Volkswagen Settlement Environmental Mitigation Trust Project: 7th & Center and 9th & Locust Parking Garages.

SYNOPSIS:

Recommend approval of IDOT Agreement Numbers 22-VW-167 and 22-VW-168 for the Iowa Volkswagen Settlement Environmental Mitigation Trust Project: 7th & Center and 9th & Locust Parking Garages for the installation of two (2) Dual Level 2 electric vehicle charging stations.

FISCAL IMPACT:

Amount: \$59,120

Funding Source: Various funding being:

- \$15,000 – 7th & Center Street Park & Ride Garage - Iowa's Volkswagen Settlement Environmental Mitigation Trust Project funds.
- \$15,000 – 9th & Locust Parking Garage - Iowa's Volkswagen Settlement Environmental Mitigation Trust Project funds.
- \$29,120 – 2022-23 CIP, Page 64, Parking Facility Rehabilitation/Repair Program, PG016, G.O. Bonds.

ADDITIONAL INFORMATION:

- On April 4, 2022, by Roll Call No. 22-0519, City Council authorized the submittal of Iowa's Volkswagen Settlement Mitigation Trust for Zero Emission Vehicle Supply Equipment grant to the IDOT. The application included two (2) Dual Level 2 electric charging stations at both the 7th & Center Street Park & Ride and 9th & Locust Parking Garages.
- The City has been awarded funding for the installation of two (2) Dual Level 2 electric vehicle charging stations at both 7th & Center Street Park & Ride and 9th & Locust Parking Garages. Installation in the 7th & Center Park & Ride will be located on level one (1) of the garage adjacent to the elevator lobby. Installation in the 9th & Locust facility will be located on the ground floor level in the metered space area to provide the greatest degree of availability and visibility for the units to the motoring public.

- The installation of equipment will be phased to occur in the City’s Fiscal Year (FY) 2023 or FY 2024, as allowable under the terms of the award agreement. City parking revenues are used as matching funds for the grant.
- In 2016, the Environmental Protection Agency (EPA) filed a complaint alleging Volkswagen violated the federal Clean Air Act with the sale of motor vehicles between 2009 and 2016 equipped with "defeat devices" designed to perform differently during normal vehicle operation than during emissions tests, exceeding the EPA compliant levels of nitrogen oxides (NOx) during normal use.
- Volkswagen agreed to settle some of the allegations with the creation of an Environmental Mitigation Trust to fund a specific set of mitigation actions that will reduce NOx emissions.
- Iowa will receive approximately \$21 million in trust funds for NOx mitigation projects. The IDOT has been designated the lead state agency to administer the funds.
- In 2020 and 2021, the City of Des Moines was awarded funding from the first and second cycles of Iowa's Volkswagen Settlement Environmental Mitigation Trust for Zero Emission Vehicle Supply Equipment. A total of eight (8) units were installed in FY 2021 and FY 2022 as a part of these grants in the 3rd & Court, 4th & Grand, 5th & Keo, and 9th & Locust parking facilities. With the FY 2024 installation, since the first cycle of trust funding in 2020 (FY 2021), the City will have installed 12 Dual Level 2 electric vehicle charging stations in City parking garages, serving 24 parking spaces, utilizing the trust funding.
- After the FY 2024 installations, the City will have 24 public electric vehicle charging stations serving 43 public parking spaces amongst the eight (8) City parking garages.

Summary of Public EV Charging Stations in City of Des Moines Parking Garages (Updated 7/29/2022)							
Parking Garage	# of Levels	Year Constructed	Total # of Spaces	Existing # of Public Spaces with Access to EV Charging Station	Total # of Public Spaces w/ Access to EV Charging Station after FY 2024 Installation	# of Existing Public EV Charging Stations	Total # of Public EV Charging Stations after FY 2024 Installation
3rd and Court Parking Garage (210 2nd Avenue)	5	1994	750	6	6	4	4
4th and Grand Parking Garage (400 Grand Avenue)	7	1980/1984	1061	4	4	4	4
5th and Keo Parking Garage (525 5th Avenue)	8	1985	600	6	6	4	4
7th and Center Street Park and Ride Parking Garage (830 Sixth Avenue)	5	1999	1824	0	4	0	2
9th and Locust Parking Garage (801 Locust Street)	7	1991	1130	8	12	4	6
East 2nd Parking Garage (402 East Second Street)	6	2017	475	4	4	2	2
East 4th and Des Moines Parking Garage (555 East 4th Street)	1	2019	133	1	1	1	1
5th and Walnut Parking Garage (235 5th Avenue)	11	2021	625	6	6	1	1
TOTAL			6598	35	43	20	24

PREVIOUS COUNCIL ACTION(S):

Date: April 4, 2022

Roll Call Number: [22-0519](#)

Action: [Authorizing](#) submittal of applications in the third funding cycle of Iowa's Volkswagen Settlement Environmental Mitigation Trust for Zero Emission Vehicle Supply Equipment in April 2022. ([Council Communication No. 22-157](#)) Moved by Gatto to adopt. Second by Boesen. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Approval of the procurement using Iowa statewide agreements of the equipment, materials, services, and labor to obtain and install the electric vehicle charging stations.

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