



Legislation Text

File #: 21-0853B, Version: 1

CITY COUNCIL AGENDA ITEM

ACTION REQUESTED:

Waive the first reading and pass the ordinance amending Title 11 (Motor Vehicles and Traffic), Chapter 2 (Parking), Article A (Parking Rules), Section 23 (Electric Vehicle Charging Stations) of the Naperville Municipal Code to remove the usage fee of the electric vehicle charging stations (requires six positive votes)

DEPARTMENT: Transportation, Engineering and Development

SUBMITTED BY: Michael Prousa, TED Project Manager

BOARD/COMMISSION REVIEW:

On August 5, 2021, the Transportation Advisory Board (TAB) recommended approval to remove the usage fee of the electric vehicle charging stations from the Municipal Code. Approved (7-0). Staff concurs.

BACKGROUND:

In 2011, the City of Naperville obtained three electric vehicle charging stations (EVCS) as part of the Smart Grid Initiative. Two of the EVCS were installed at the Electric Service Center in order to test and monitor the impacts of vehicle charging on the system as well as the associated billing in upcoming electric vehicle utility rates. The third unit was installed in the Van Buren Surface Lot in Downtown Naperville.

In 2013 the City installed a fourth unit in the Van Buren Parking Facility and replaced the unit in the Van Buren Surface Lot.

In 2014, the City passed an ordinance detailing a usage fee for EVCS in the Van Buren Surface Lot and the Van Buren Parking Facility. This fee was put in place to offset the electricity cost that the City provides for the charging stations.

The cost to operate the EVCS averaged approximately \$200 per month. This included electricity, data connection fees and credit card processing fees. The revenue for the chargers during this time averaged \$133.00 per month.

DISCUSSION:

The EVCS located at the Van Buren Surface Lot and the Van Buren Parking Facility are currently out of order and must be replaced. City staff will issue a procurement for replacement later this year. In advance of this, staff in the Transportation, Engineering and Development (TED) Business Group have been working with several City departments to determine whether a EVCS user fee should continue to be required. The decision of whether or not to charge a fee will impact the specifications of the

replacement machines.

In doing research of similar municipalities in the region, staff found that most municipalities do not charge a fee to park at the charging stations. When a fee is charged, the reason cited is that the municipalities are attempting to encourage greater turnover of the EVCS parking spaces.

City staff and the Downtown Naperville Alliance recommend the elimination of the user fee as the cost to collect the fees exceeds the revenue collected. Also, the lack of a fee will encourage electric vehicle use within the Downtown and other parts of the community.

FISCAL IMPACT:

The overall cost to operate the machines will decrease as data connection and credit card processing fees will no longer be required. The electricity provided for the chargers is anticipated to cost between \$50 and \$60 per month.