



CITY OF HAGERSTOWN, MARYLAND

Public Works Department

(301)739-8577 ext. 178

August 12, 2020

To: Scott Nicewarner, City Administrator

From: Eric B. Deike, Director of Public Works

RE: Electric Vehicle Charging Services Agreement

RECOMMENDATION

Staff is recommending the City enter into an Electric Vehicle Charging Services Agreement with the Electric Vehicle Institute, Inc. (EVI) whereas drivers would be charged for the electricity used to charge their vehicles at the electric vehicle (EV) charging stations and the city would share in the revenues. Drivers are currently charged to park while using the EV charging stations and not charged for the electricity used.

DISCUSSION

In 2018, the City of Hagerstown entered into an agreement with EVI to install EV charging stations in the Elizabeth Hager Center. Four charging stations went into operation in December 2018. These were the first charging stations to be installed within the city limits.

Drivers are not charged for the electricity used to charge their vehicles. Instead, drivers are charged to park while charging their vehicles at parking meters located at the charging stations. The rate is \$1.00 per hour. Operating hours for the parking meters are the same as all other meters which is Monday - Friday from 9 AM – 5 PM. The Parking System covers the cost of the electricity used.

EVI recently approached staff about charging for the electricity used. This was always a possibility as there are credit card readers already installed in the EV charging stations. The proposal is for EVI to manage the collection of revenues and then share the revenue 50/50 with the city. The parking meters would be removed. Drivers would be charged any time, day or night, while charging their vehicles.

EVI is looking to generate some revenue to offset the maintenance costs of operating these charging stations. Charging for the electricity will create a revenue stream to help with these costs.

The city attorney reviewed the EVI contract and made a number of changes. EVI has agreed to those changes and is looking to begin charging for electricity in early September. The contract is for a five-year period.

FINANCIAL IMPACT

Current revenues are limited to the hours of operation (M – F, 9AM – 5 PM) for the parking meters. If a driver charges their vehicle anytime outside of these hours, there is no charge for parking and no charge for the electricity. Therefore, no revenue is generated.

There are some drivers that do charge their vehicle during the parking meter hours of operation. The average revenue from the four parking meters is about \$10 - \$12 per month from those that use the parking meters.

EVI is proposing a flat fee of \$2.50 plus \$0.20 per minute thereafter. A full charge on a vehicle can take 20 to 30 minutes. This would generate a revenue of approximately \$6.50 to \$8.50 of which the city would receive half (50% share) but clearly depends on the number of minutes a vehicle would be connected to a charger.

CONCLUSION

It is the recommendation of staff to enter into this agreement with EVI. The parking meters would be removed and drivers would be charged for the electricity used to charge their vehicle.

Att: Electric Vehicle Charging Services Agreement
Resolution Authorizing Execution of Electric Vehicle Charging Services Agreement
Motion Sheet for Electric Vehicle Charging Services Agreement

Cc: Jason Rodgers
Michelle Hepburn
Matthew Wade, EVI