



Legislation Text

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Resolution Approving License Agreement with Brightfield Transportation Solutions for the Installation of an Electric Vehicle Charging Station

Department: Transportation
Council District: 3

Public Hearing: N/A
Advertising Date/By: N/A

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PURPOSE:

Brightfield Transportation Solutions approached the Transportation department about a public-private partnership that would allow an electric vehicle (EV) charging station with solar panels to be constructed in a City parking lot. The attached resolution needs to be approved to authorize the City Manager to enter into this agreement and allow the construction of the charging station.

BACKGROUND:

Brightfield Transportation Solutions is a company located in Asheville, NC with the mission of designing and deploying durable solar-integrated electric vehicle (EV) infrastructure and advancing the EV market development. Brightfield approached the Transportation department about a public-private partnership that would allow the construction of a solar powered EV charging station to be constructed in a City parking lot. After reviewing the options, the preferred location was the Elm-Greene parking lot.

If approved, Brightfield will construct a shelter with solar panels that will cover two, Level 2 EV charging stations. There will also be a DC fast charger placed at this location. The license agreement would allow for a 10-year partnership over which time Brightfield will be responsible for all maintenance and power costs associated with the charging station. Brightfield will pay the City \$1 per year to be located in the City lot.

Currently, there are no public EV charging stations in the downtown area. This charging station will create 8-10 parking spaces (depending upon layout) that would have access to the chargers. During the first 2 years of the agreement, parking spaces adjacent to the charging station will be non-restrictive meaning non-electric vehicles will be allowed to park in those spaces. There will be signage asking that spaces adjacent to the charging station be left available for electric vehicles if other parking is available. Beginning in year 3 of the agreement, 1 space will be restricted to electric vehicles only. The need to restrict additional spaces will be reviewed on an annual basis with additional spaces potentially being designated as demand increases.

BUDGET IMPACT:

Brightfield Transportation Solutions will be responsible for the construction, installation, and maintenance of

the charging station along with the monthly electrical costs associated with this project. No City funds will be required for this project. Parking Operations does not anticipate a loss in revenue as parking is readily available in this lot during daytime hours when the City charges for parking.

RECOMMENDATION / ACTION REQUESTED:

The Transportation Department recommends and requests that the City Council approve the attached resolution authorizing the City Manager to enter into a license agreement with Brightfield Transportation Solutions for the construction and maintenance of an electric vehicle charging station downtown.