THE CITY OF ASHEVILLE

STAFF REPORT

Council Meeting Date: November 9, 2021

Subject: Donation of Electric Vehicle Charging equipment from Brightfield Transportation Solutions, Inc.

Staff Resource(s): Greg Shuler, Public Works Director
Jakob Klodt, Fleet Manager
Amber Weaver, Sustainability Officer

Action Requested: Acceptance of a donation of electronic vehicle charging station equipment and associated equipment located in the Public Works parking lot on Charlotte Street and the Aloft parking deck on Biltmore Ave from Brightfield Transportation Solutions, Inc.

Background:

- In 2014, the City of Asheville leased property to Riding Partners, Inc., Riding Partners was acquired by Brightfield Transportation Solutions, Inc., a local Electric Vehicle (EV) charging station company, to install a solar canopy EV station off of South Charlotte Street in the Public Works parking lot and standard EV station in the Aloft parking deck.
- In 2020, both Brightfield charging station equipment began to malfunction and the City received complaints from the public and visitors about its unreliability, at which time a committee of stakeholders, from across multiple departments within city government was convened to assess the situation and determine next steps.
- After conversations with Brightfield it was determined that the equipment in its current condition was not functioning and would need to be replaced.
- Brightfield was asked to remove and replace the non-operational EV equipment and the lease was terminated, but due to their lack of assets to remove and replace the equipment offered to donate the equipment located at the public works Charlotte Street parking lot and the Aloft garage on Biltmore Ave.
- Currently the EV charging equipment is not operational however, City Staff with assistance from Brightfield were able to identify potential grant opportunities and vendors that would be able to assist the City with removing, replacing, and updating the non-operational equipment.
- Accepting the donation will allow staff the opportunity to further explore both grant and procurement options.
- The donation from Brightfield would include the following equipment:
    - Solar Canopy
    - Meter Bases
    - Panel Boxes
    - Electrical Conduit and Wiring
    - Two (2) Signet DCFC Chargers
    - Two (2) ChargePoint Level 2 Chargers
- The charging equipment located within the Aloft Garage on Biltmore Ave will be removed and the parking spaces returned to general public use.
- The charging equipment at the South Charlotte street lot will be removed and replaced, to provide service to the City's fleet of vehicles supporting Council's goals of utilizing renewable energy in City operations.

Council Goal(s):

- A Clean and Healthy Environment
- A Fiscally Resilient City

Committee(s):

- None

Pro(s):

- Supports Resolution 11-77 80% Carbon Reduction Goal
- Supports Resolution 18-279 100% Renewable Energy Goal
- Electric Vehicle charging for City Fleet vehicles will offset existing petroleum fuel expenses

Con(s):

- The City will be responsible for updating, removing, replacing, and maintaining the donated EV Charging Stations.

Fiscal Impact:

- The asset value of the electric vehicle charging stations, conduit and solar panels donated to the City are below. Costs associated with the City will consist of replacement of outdated charging stations and software.

DONATED ASSET	ASSET VALUE	ASSET COSTS FOR CITY
Solar Canopy	$10,000.00	$0.00
Meter Bases	$1,500.00	$0.00
Panel Boxes	$1,500.00	$0.00
Electrical Conduit + Wiring	$7,000.00	$0.00
Two (2) Signet DCFC Chargers	$0.00	N/A
Two (2) ChargePoint Level 2 Chargers	$0.00	$7,000.00
Software	$0.00	$1,500.00 per year

Suggested Motion:

- Move to accept a donation of Electronic Vehicle Charging stations and other associated equipment located in the Public Works parking lot on Charlotte Street and the Aloft parking deck on Biltmore Ave from Brightfield Transportation Solutions, Inc.

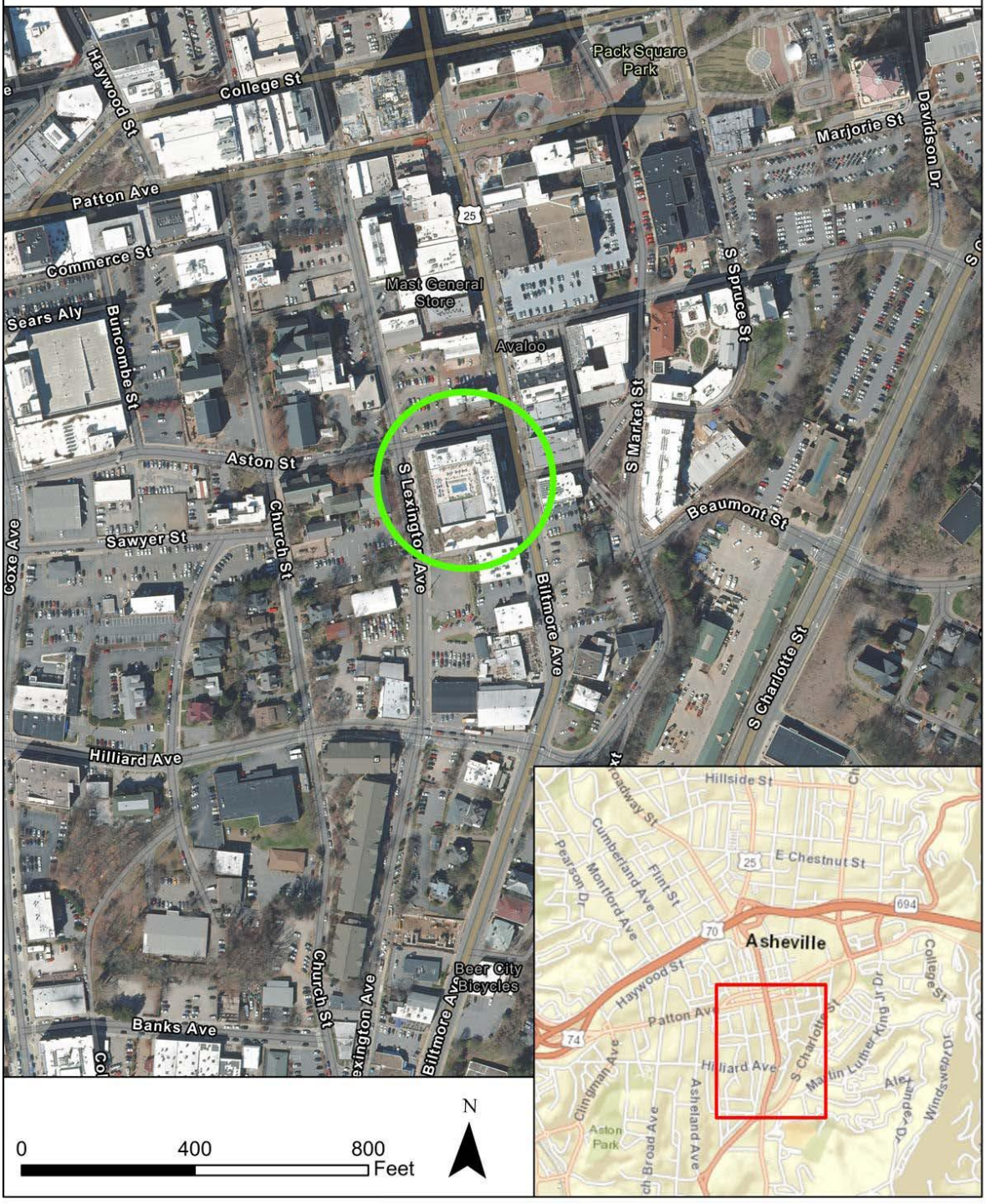
Attachment(s):

- Vicinity Map: 161 South Charlotte Street
- Vicinity Map: 61 South Lexington Avenue
- Resolution

LOCATION OF SOLAR CANOPY EV CHARGING STATION @ 161 SOUTH CHARLOTTE STREET



LOCATION OF EV CHARGER (ALOFT PARKING DECK)
@ 61 SOUTH LEXINGTON AVENUE



RESOLUTION NO. 21-____

RESOLUTION AUTHORIZING THE ACCEPTANCE OF A DONATION OF ELECTRONIC VEHICLE CHARGING STATIONS AND ASSOCIATED EQUIPMENT FROM BRIGHTFIELD TRANSPORTATION SOLUTIONS, INC. AND AUTHORIZING THE CITY MANAGER TO ENTER INTO A DONATION AGREEMENT FOR THE SAME

WHEREAS, the City of Asheville has authority pursuant to Article 2 of Chapter 160A of the North Carolina General Statutes to acquire and hold any property, real or personal; and

WHEREAS, per City Council Resolution No. 18-279, the City established a goal to transition to 100% renewable energy from fossil fuel energy by December 31, 2030; and

WHEREAS, Asheville City Council adopted Resolution No. 11-77, the City establing a goal to reduce its carbon footprint; and

WHEREAS, in 2014, the City and Brightfield entered into a lease of Electronic Vehicle charging stations and associated equipment, and as the lease is terminated, Brightfield wishes to donate the equipment identified under the lease to the City; and

WHEREAS, the City desires to accept the donation from Brighfield's donation, as it will assist the city in reaching both its renewable energy and carbon reducing goals;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ASHEVILLE THAT:

A donation for Electronic Vehicle charging stations and associated equipment from Brightfield Transportation Solutions, Inc. is accepted and the City Manager is hereby authorized to enter into a donation agreement for the same.

Read, approved, and adopted this the 9th day of November,, 2021.

_____ _____

City Clerk Mayor

Approved as to form:

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City Attorney