

Electric Vehicle Charging Station Support Program



Thank you for your interest in the Personal Electric Vehicle Funding Program. **Please return this application by 9/1/2016 to plugin@duke-energy.com.** We anticipate committing the funds by 12/31/2016. All applicants will be advised by that time. If not all funds are used, applicants whose proposals could not be fulfilled in the first round will be considered again.

Contact Information

Organization Name

Preferred Contact

Title

Address

Phone Number

Email Address

Proposal Details

This information may have been provided on the letter of interest as an indication of potential participation. The information provided here supersedes the LOI. Financial compensation for this group is proposed to be 100% of qualifying Electric Vehicle Charging Stations costs up to \$5,000 per charge port, \$20,000 per site, and \$50,000 per entity (all apply).

If unsure of whether stations will be level 1 or level 2, please leave blank.

Location	Total	Level 1	Level 2	Estimated Avg Time User is Parked	Anticipated Installation Date	Other Relevant Information

Are you able to pay for the charging station up front and be reimbursed or do you require the funding in order to purchase the equipment? Applicants requiring funding prior to installation must submit detailed cost estimates and commitments. The funding arrangement will not impact whether the proposal is chosen.

Have you already received quotes for installation? If so, please attach them.

Use the space below to provide any information you think is relevant to Duke Energy regarding this funding. Examples may include how it will help you achieve your goals, evidence of current need or usage of existing charging stations in the area.

The Town of Carrboro is renowned for being one of the most progressive and forward thinking Towns in North Carolina. Providing PEV charging stations will not only align with the Town's goal of carbon footprint reduction but also allow it's like minded citizens to participate in the evolution of transportation. There is only one charging station located in Town and it is well utilized. In addition, Carrboro is located directly next to Chapel Hill which increases the number of local residents who desire and would benefit from PEV charging stations. Orange County's 18% increase in PEV ownership was the highest in the Triangle this past year.

Is there any support you plan to supply to the charging station in order to ensure utilization and/or education about electric vehicles? This is not a requirement for participation.

The Town will educate the community through multiple standard community communication tools such as posting informative fliers on the Town's website and through email distribution. We will also provide an information session detailing PEV facts and benefits to the Town during an advertised open public meeting. The Town plans to utilize online software to create a dashboard displaying usage data and provide calculated carbon savings such as emission reductions.

Are there any questions that you have for Duke Energy that you need in order to best complete this application?

The Town is in discussions with commercial vendors, with privately run parking lots, to investigate alternative options for parking stations. These locations include the local Harris Teeter as well as the only parking garage in Town which is located next to restaurants and hotels.

Please submit drawings of proposed locations with this application. One should show where the charging stations would be located specifically and facilities users would be able to walk to. The other should show the general area, giving a feel for the area around the location including major thoroughfares.

Signature

Date

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Signature

26 August 2016

Date



CITY OF CARRBORO
CARRBORO, NORTH CAROLINA

Submitted by:

ABM Electrical Power Solutions

5809-104 Departure Drive

Raleigh, NC 27616

Luke Farkas

C: 919-985-6536 O: 919-877-1008

Luke.Farkas@ABM.com

August 10, 2016

LF1025



James D. Freeman, PE, LEEDAP, CEM
Public Works Director
Town of Carrboro
100 Public Works Drive
Carrboro, NC 27510

Subject: **EV Charging Station**

Proposal: **LF1025**

Dear Mr. Freeman

Thank you for giving ABM Electrical Power Solutions, LLC (ABMEPS) the opportunity to provide and install 4 Dual port EV Charging stations and 2 Single Port Charging Stations

Investment

Line	ABM Part Number	Description	QTY:	Unit Price	Extended Price
1	CT4021-GW1	Dual bollard charging station w/ cable mgmt (gateway)	4	\$6,489.00	\$ 25,956.00
2	CT 4011-GW1	Single bollard charging station w/ cable mgmt (gateway)	2	\$4,510.00	\$ 9,020.00
3	Assure	First year of Assure included	6	\$0.00	\$ -
4	CTSW-SAS-COMM-1	Commercial service plan- 1 year prepaid per port per year	10	\$280.00	\$ 2,800.00
5	ABM-Pro Act	Bolt Down, Provisioning, activations and training	6	\$960.00	\$ 5,760.00
6	Shipping		6	\$150.00	\$ 900.00
7				Sub Total:	\$ 44,436.00
8				Sales Tax:	\$ -
9				Equipment Total:	\$ 44,436.00
10	Electrcial Make Ready	Done by Other			
11				Total cost	\$44,436.00

Each dual station quoted consists of 2 charging ports capable of charging 2 electric vehicles at one time. Network services are mandatory for initial provisioning of stations, and must remain active to track utilization, energy dispensed, greenhouse gases avoided, service and maintenance issues, station location, and other pertinent data. Stations are guaranteed 98% uptime for the first year, and for every year up to 5 thereafter with the addition of an Assure plan

Location

Location #1: (1) CT 4011GW1 \$5,900

Location #2: (1) CT 4011GW1 \$5,900

Location #3: (1) CT 4021GW1 \$8,159

Location #4: (1) CT 4021GW1 \$8,159

Location #5: (1) CT 4021GW1 \$8,159

Location #6: (1) CT 4021GW1 \$8,159

Recommended Items

2 years of ChargePoint Assure Maintenance \$1,410 per station

Optional 2-year Commercial Charge Point network service Plan \$500 per port

Excluded from Scope of Work

1. All prep installation work to be done by other to including concrete pad (if needed) and J Bolts.

Clarifications and Exceptions

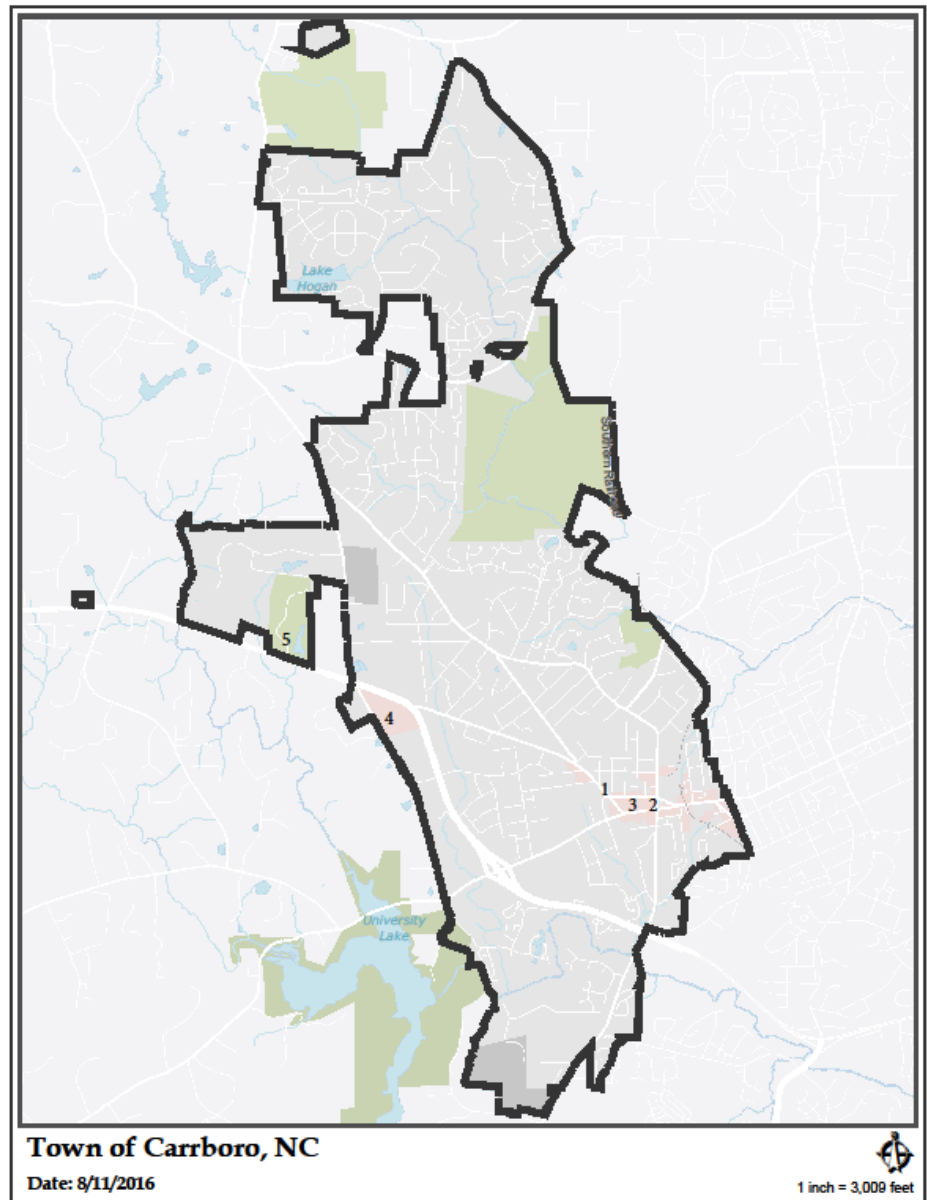
1. Quote is based on performing work during normal business hours Monday – Friday 7am-4pm
2. On-site lost time delay man-hours at no fault to ABMEPS Technicians, and approved extra testing, if needed will be an extra per ABMEPS current labor rate
3. Proposal includes one mobilization for provisioning and install. Additional mobilization will be charged at T&M Rates.
4. Purchase Order (PO), should include Acceptance of Terms, Freight account number to use, and special requirements.
5. All invoices are net 30 days or prepaid
6. Work may not begin without a signed proposal or an issued formal purchase order. Additional work, other than listed on proposal, is to be completed on a time and materials basis. Where appropriate, an additional proposal will be provided

We look forward to the opportunity to serve you. If you should have any questions, please feel free to contact me.

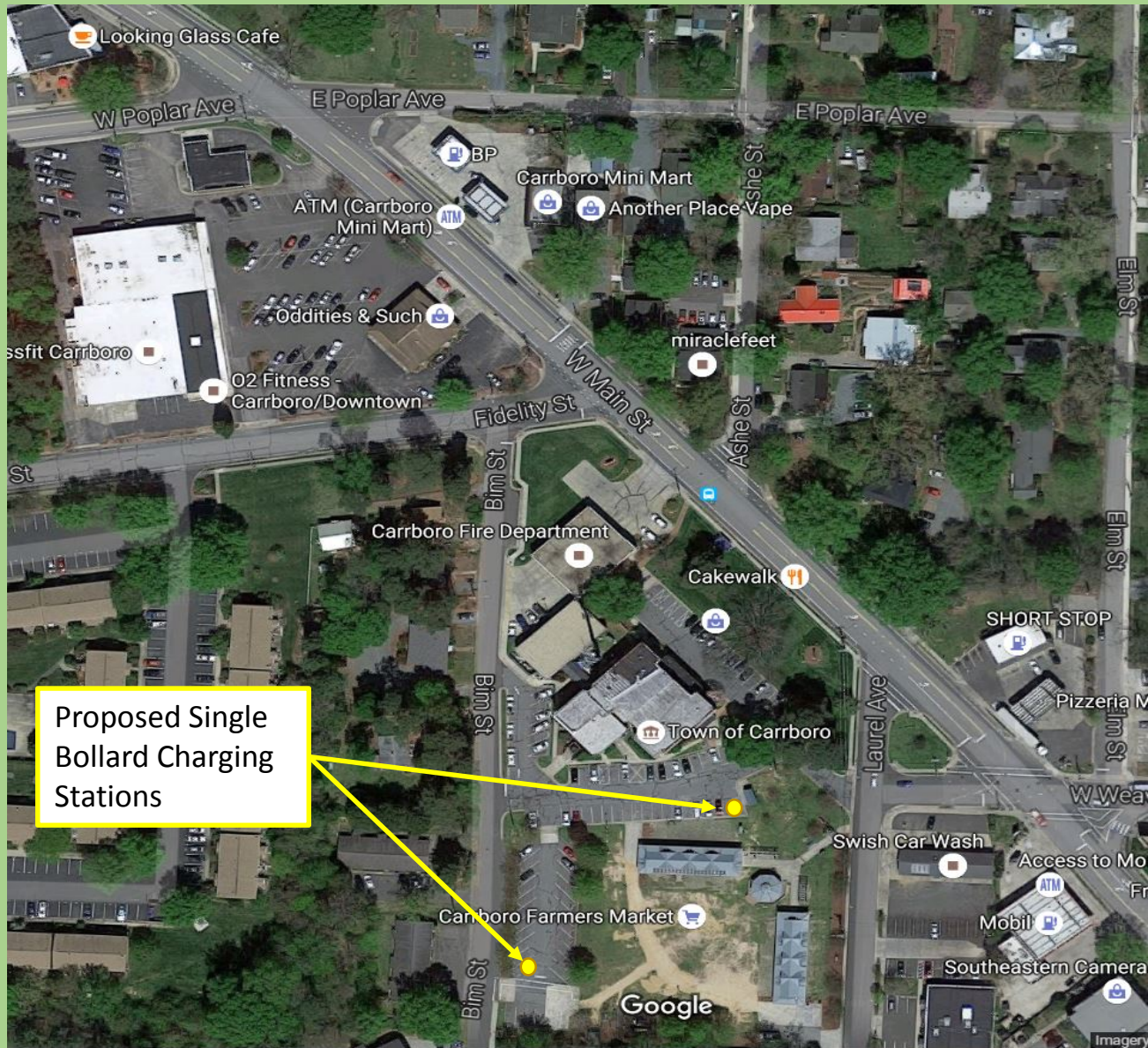
R. Luke Farkas

Outside Sales Engineer
ABM Electrical Power Solutions
919-985-6536

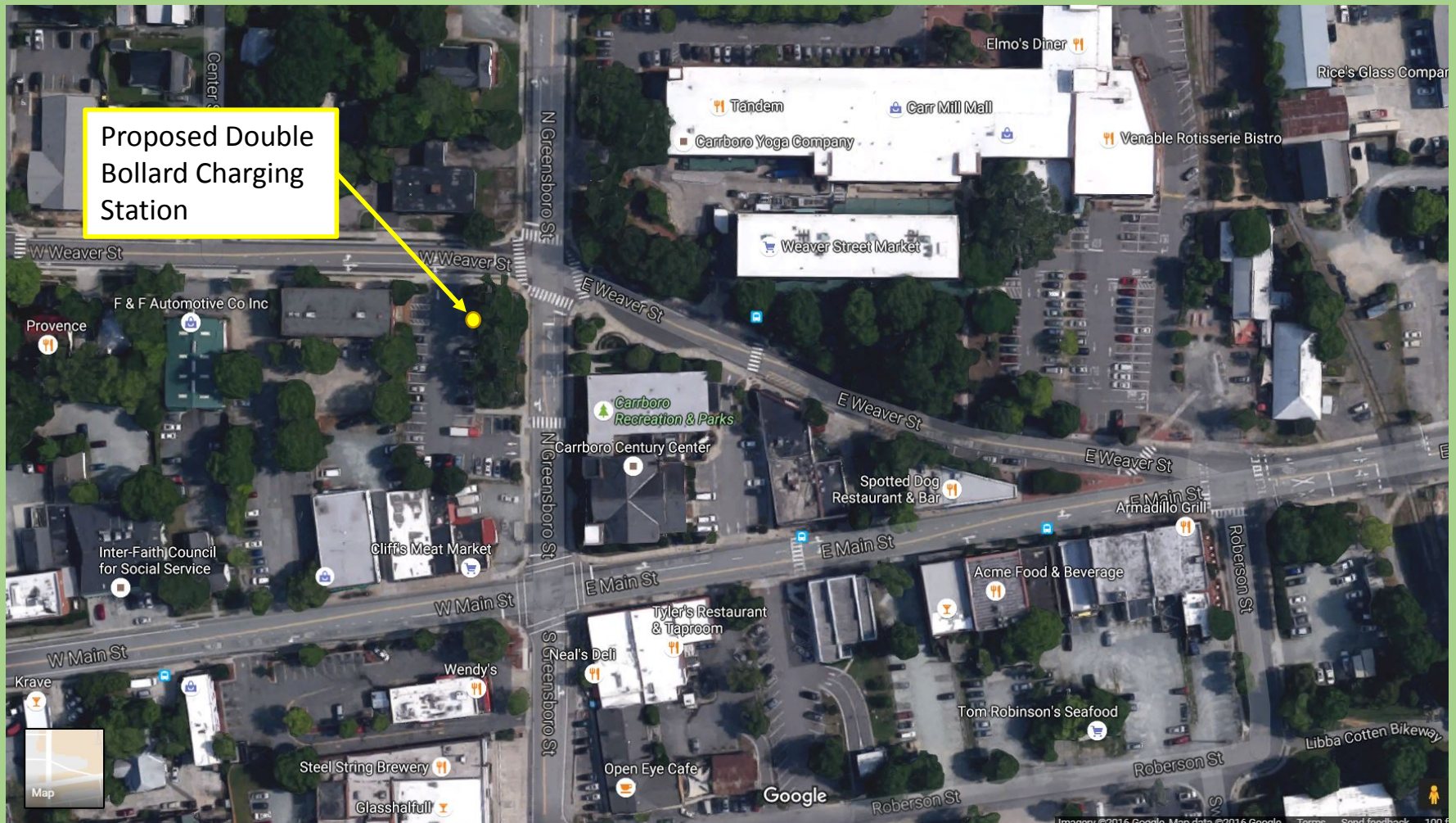
Proposed PEV Charging Station Locations



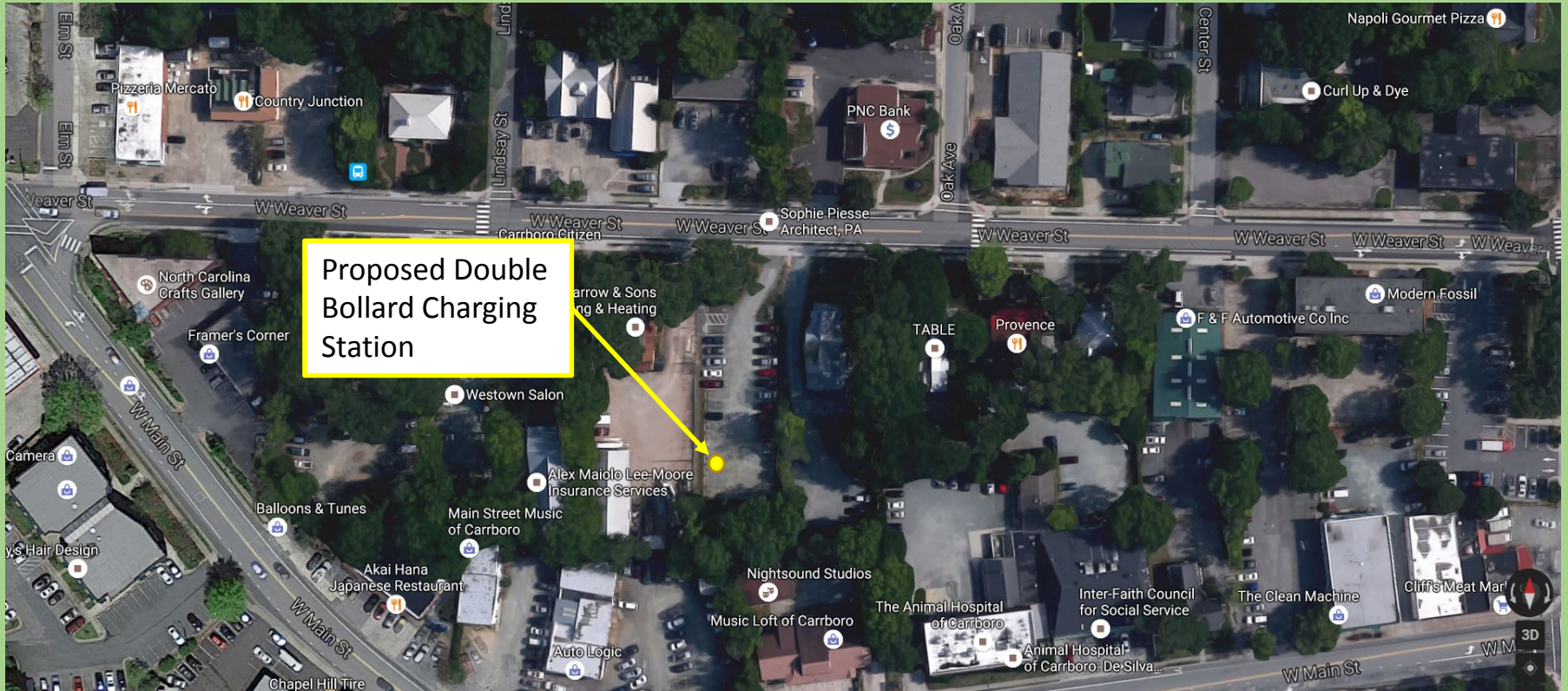
1) Carrboro Farmers Market and Town Hall



2) Carrboro Century Center Parking Lot



3) Carrboro Weaver St Parking Lot



4) Carrboro Plaza



5) Hank Anderson III Community Park

