



## UNH-Durham Public EV Charging Location Plan

Initial Draft for Strafford Regional Planning Commission – April 13, 2022

The University of New Hampshire and Town of Durham have worked collaboratively to implement policies, install infrastructure and lay plans for expansion of public EV charging since 2015. This document represents initial priority locations for new infrastructure and current status of planning and design for both UNH and the Town.

### Milestones

- 2013:** Town of Durham installs courtesy Level 2 charging at Town Library on Madbury Road
- 2015:** University and Town of Durham shared local match on successful application to NHDES for funding and installation of a dual port Level 2 station in the town-owned Pettee Brook parking lot downtown. This is now a Chargepoint™ network station managed by the Town.
- 2018:** UNH Transportation Policy Committee and Energy Task Force adopted a set of shared policy principles and priorities guiding installation of EV charging infrastructure (EVSE) on the UNH-Durham campus.
- 2019** UNH installs eight Level 1 and Level 2 chargers to accommodate it's growing University EV fleet
- 2020:** UNH was ready to issue an RFP for design and engineering and vendor selection for installation of Level 2 chargers in two campus Visitor Lots in coordination with clarification on PUC rules regarding power supply on the UNH campus. This project was deferred during the COVID crisis.

The University and Town have a prioritized set of university/municipally owned locations offering destination-based charge opportunities approximately 1 mile from US4 (the region's major east-west corridor) as well as <1/2 mile from NH 108 & 155A. The proposed sites provide access to University and downtown attractions and connection to an Amtrak Downeaster rail station and free local transit. The sites offer visitor services during Level 2 and Level 3 charging dwells.

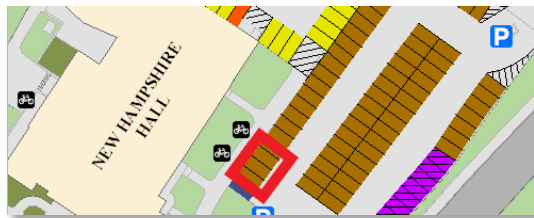




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Site #	Sponsor	Location	Suggested Charge Level	Status
A	Town	<b>Pettee Brook Parking Lot</b> (Pettee Brook Lane)	Level 2+ Level 3	Installed Chargepoint™ dual-port (2015). Town recommends additional dual port with possible Level 3 (expansion eval pending)
1	UNH	<b>Edgewood Rd Visitor Lot</b> (Edgewood @ Main)	Level 2+	concept site eval done
2	UNH	<b>Campus Crossing Visitor Lot</b> (Mill Rd)	Level 2+	concept site eval done
3	UNH	<b>Lot B</b> (McDaniel Drive)	Level 2	concept site eval done
4	UNH	<b>College Rd Visitor Lot</b> (College Rd @ South Dr)	Level 2+	site eval pending
5	Town- UNH	<b>Depot Road</b> municipal parking lot/Dairy Bar UNH train station	Level 3	site eval pending in coordination with 2023-24 FTA funded rail station sitework

## University-Managed Site Concepts: Edgewood, Campus Crossing and College Rd Visitor Lots and Lot B



Site 1 Edgewood Road Visitor Lot



Site 2 Campus Crossing Visitor Lot



Site 3 Lot B



Site 4 College Road Visitor Lot

## Town-Managed Site Concepts: Pettee Brook & Depot Lots



Site 5 Depot Lot @ train station



Site A Pettee Brook Lot Expansion