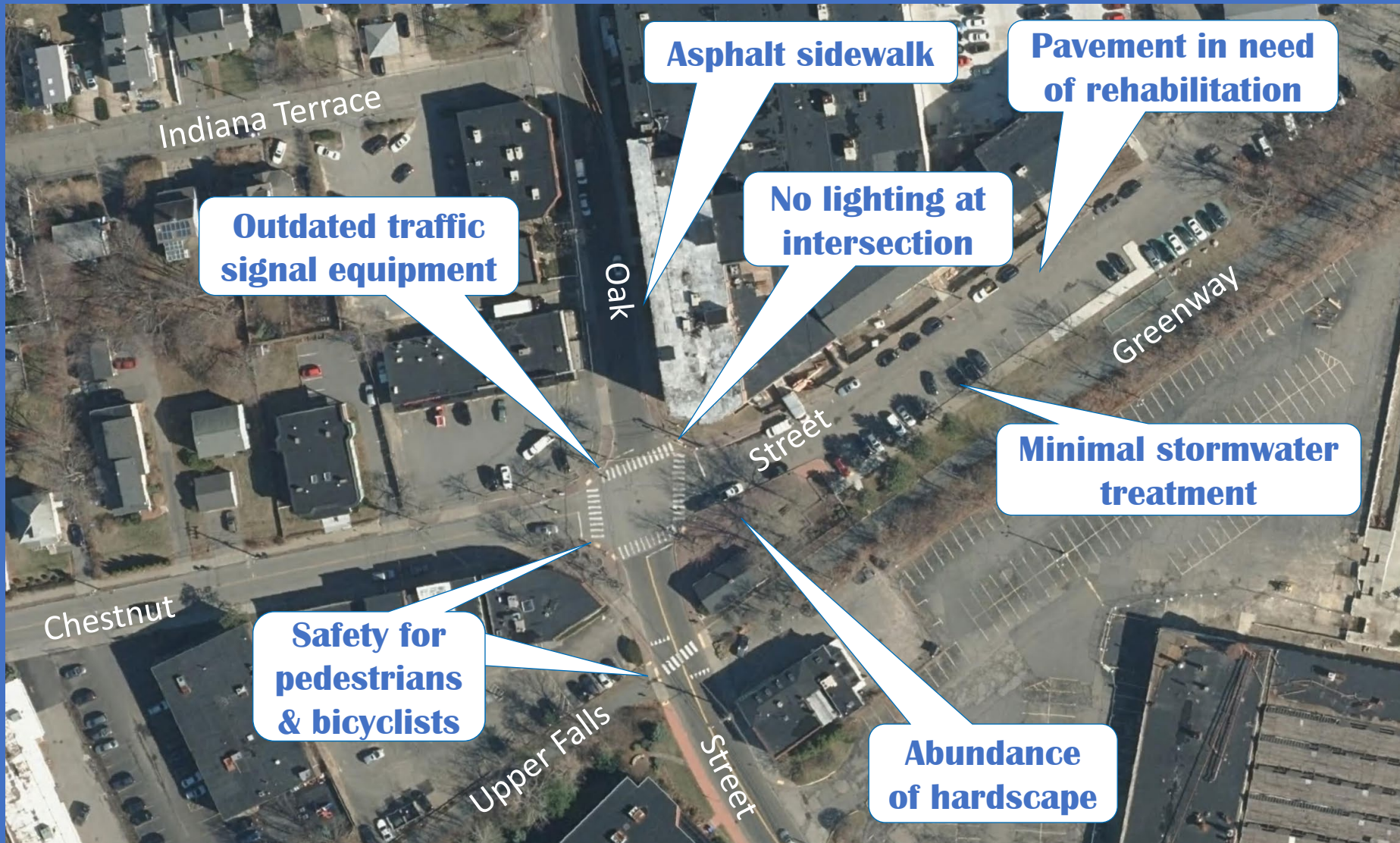




**Newton Upper Falls Area Council
Pettee Square Improvement Project Update
February 15, 2024**

Existing Conditions



Project Goals

- Introduce streetscape and beautification opportunities
- Maintain historic character of area
- Create an attractive, functional space for residents, local businesses, and Greenway users
- Improve safety and accessibility for all users
- Enhance traffic operations
- Implement traffic calming measures
- Install stormwater improvements where feasible

Project Process

- Spring 2020 – MassWorks grant for design funding
- September 2020 – Held Public Information & comment meeting
- January 2021 – Upper Falls Area Council
- November 2020, June & July 2021 – Upper Falls Historic District Commission
- July 2021 – Public Facilities Committee
- 2021 – 2023 – Project design process
- Fall 2023 – Construction start

Collaborative effort, including:

- DPW
- Planning
- Parks & Rec
- Newton ADA/504 Coordinator
- Newton Fire Dept
- Engineering design consultant, TEC

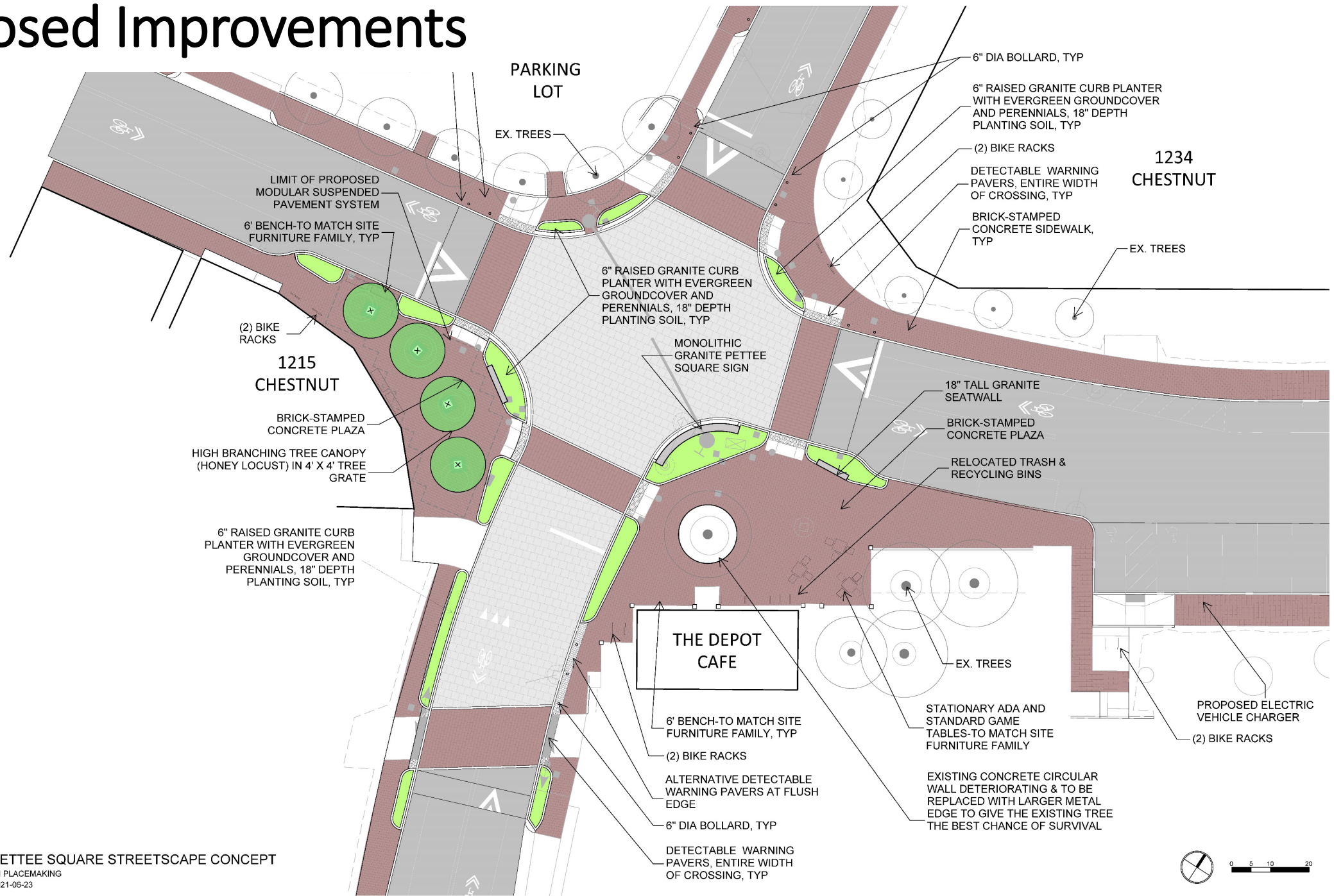
Pettee Square Traffic Data

- 9 vehicle crashes in the past 5 years
- 2017 pedestrian volume count peak hours:
 - 18 in the morning (7am-9am), 22 in the evening (4pm-6pm)
- With Northland pedestrian projection
 - 66 in the morning (7am-9am), 121 in the evening (4pm-6pm) without shuttle service
- 85th percentile speed along Oak Street westbound toward Chestnut Street recorded as 34 mph
- Speed limit is 25 mph on all intersection approaches

Raised Intersection Benefits

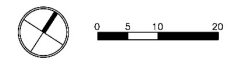
- Create a safe, slow-speed pedestrian crossing
- Reinforce slow vehicle speeds
 - One of the most predictable traffic calming methods in reducing vehicle speeds
- Encourage motorists to yield to pedestrians
- Create a public space comfortable for pedestrians
 - Strong visual cue to be aware of non-motorized users
 - Proactive measure (not reactive) to accommodate anticipated increase in pedestrians
- Appropriate for emergency vehicle routes
- Consistent with City of Newton and MassDOT best practices including Vision Zero and Complete Street Initiatives

Proposed Improvements

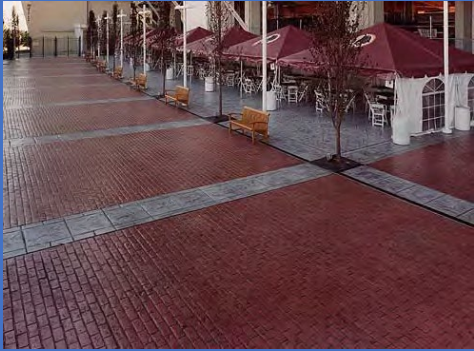


PETTEE SQUARE STREETSCAPE CONCEPT

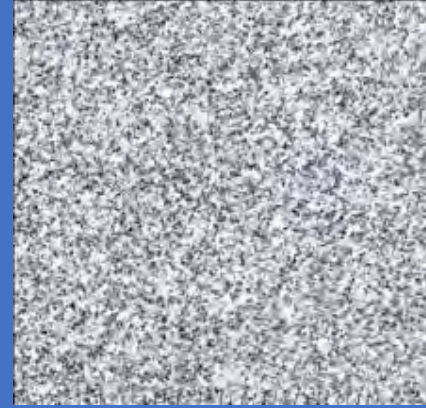
IBI PLACEMAKING
2021-06-23



Materials



Stamped Concrete Walkway



Granite Wall



Stamped Asphalt Road



Running Bond Pattern
Burnt Red Color



Granite Seat Wall



Granite Curb

Materials



Playing Table
(Dumor_448-34GM)



Bike Rack
(Dero - Black)



Trash and Recycling Receptacles
(SD42)



Bollards
(B-1 Bollard Collection)



Bench - Black
(Dumor_493m)

Materials



Ornamental Mast Arms

Ornamental Street Lighting

Photographs taken in West Newton

Ornamental Rectangular Rapid Flashing Beacon “RRFB”



Photograph taken in Auburndale

Existing Photo



TODAY

Artistic Rendering



TOMORROW

Example Intersections



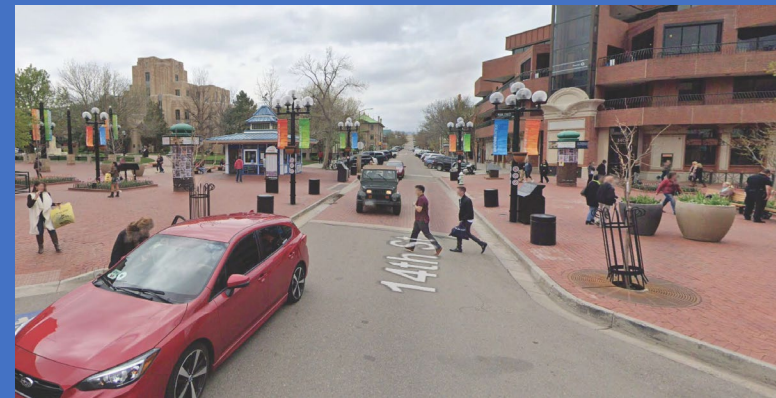
Woodland Road at Lake Avenue,
Auburndale historic district Newton, MA



Garfield Street at Oxford Street,
Garfield historic district Cambridge, MA



Pleasant Street (Route 5) at
Railroad Ave/ Manahan Rail Trail,
Central Business Architecture District Northampton, MA



14th Street at Pearl Street,
Downtown historic district Boulder, CO

Pettee Square Current Status and Next Steps

- Construction started in November 2023
 - Drainage
 - Underground conduit
- Mobilization for full construction project in spring 2024
- DPW has informed contractor about Village Day (fall 2024), will ensure that construction zone is clean
- Substantial completion of project expected by end of 2024