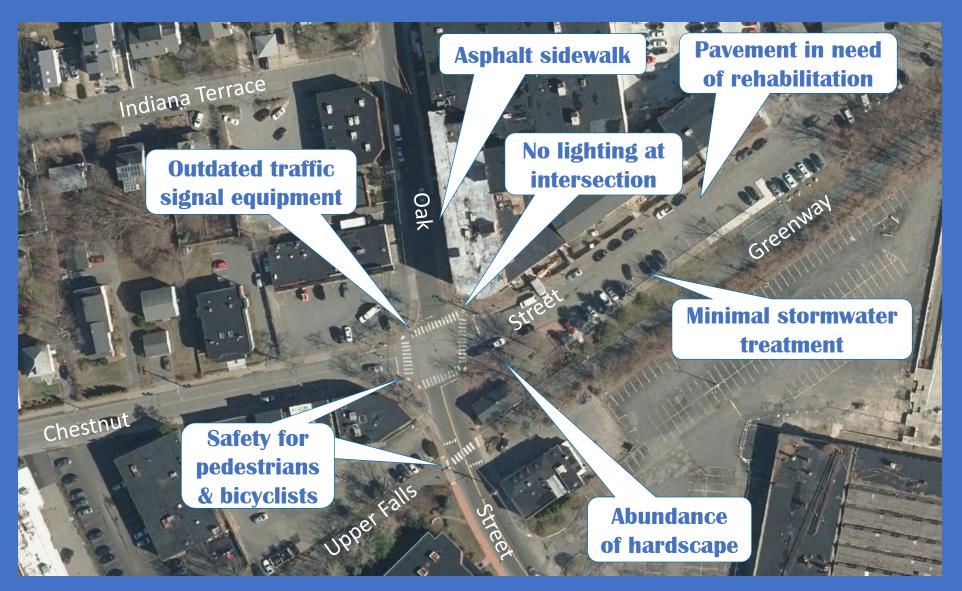




Newton Upper Falls Area Council
Pettee Square Improvement Project Update
February 15, 2024

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 -6" DIA BOLLARD, TYP **PARKING** LOT 6" RAISED GRANITE CURB PLANTER WITH EVERGREEN GROUNDCOVER AND PERENNIALS, 18" DEPTH PLANTING SOIL, TYP EX. TREES-(2) BIKE RACKS 1234 DETECTABLE WARNING **CHESTNUT** LIMIT OF PROPOSED PAVERS, ENTIRE WIDTH MODULAR SUSPENDED -OF CROSSING, TYP PAVEMENT SYSTEM BRICK-STAMPED 6' BENCH-TO MATCH SITE CONCRETE SIDEWALK, FURNITURE FAMILY, TYP -EX. TREES 6" RAISED GRANITE CURB PLANTER WITH EVERGREEN GROUNDCOVER AND PERENNIALS, 18" DEPTH PLANTING SOIL, TYP (2) BIKE RÁCKS MONOLITHIC **GRANITE PETTEE** 1215 SQUARE SIGN **CHESTNUT** 18" TALL GRANITE SEATWALL BRICK-STAMPED BRICK-STAMPED CONCRETE PLAZA CONCRETE PLAZA HIGH BRANCHING TREE CANOPY RELOCATED TRASH & (HONEY LOCUST) IN 4' X 4' TREE RECYCLING BINS 6" RAISED GRANITE CURB PLANTER WITH EVERGREEN GROUNDCOVER AND PERENNIALS, 18" DEPTH PLANTING SOIL, TYP THE DEPOT • CAFE -EX. TREES PROPOSED ELECTRIC STATIONARY ADA AND VEHICLE CHARGER 6' BENCH-TO MATCH SITE STANDARD GAME FURNITURE FAMILY, TYP TABLES-TO MATCH SITE (2) BIKE RACKS **FURNITURE FAMILY** -(2) BIKE RACKS EXISTING CONCRETE CIRCULAR ALTERNATIVE DETECTABLE WALL DETERIORATING & TO BE WARNING PAVERS AT FLUSH REPLACED WITH LARGER METAL EDGE EDGE TO GIVE THE EXISTING TREE -6" DIA BOLLARD, TYP THE BEST CHANCE OF SURVIVAL DETECTABLE WARNING PETTEE SQUARE STREETSCAPE CONCEPT PAVERS, ENTIRE WIDTH OF CROSSING, TYP 2021-06-23

Materials





Stamped Concrete Walkway



Stamped Asphalt Road



Running Bond Pattern Burnt Red Color





Granite 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

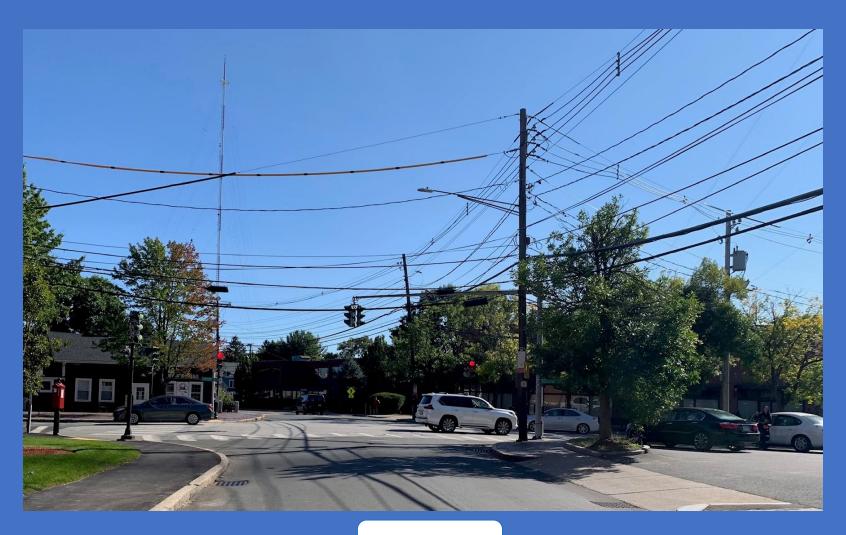
Photographs taken in West Newton

Ornamental Rectangular Rapid Flashing Beacon "RRFB"



Photograph taken in Auburndale

Existing Photo



Artistic Rendering



TOMORROW

Example Intersections



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



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



Garfield Street at Oxford Street, Garfield historic district Cambridge, 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