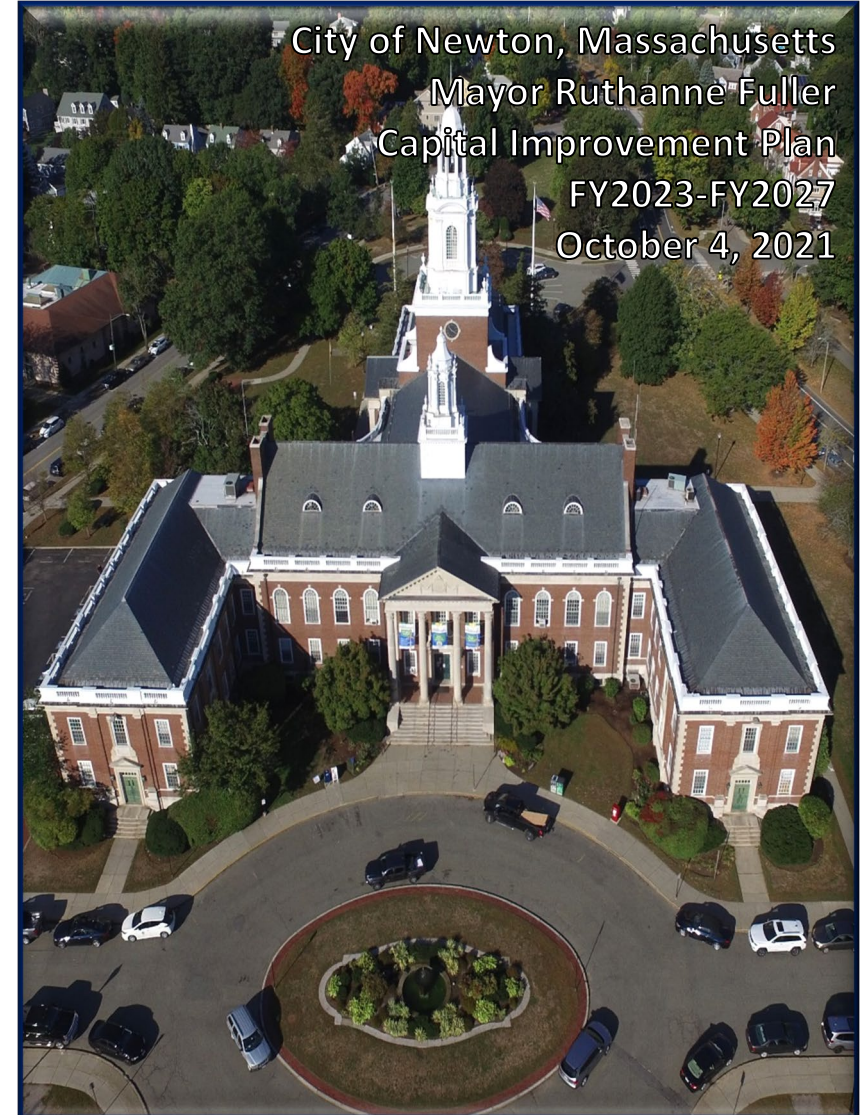


City of Newton

Capital Improvement Plan

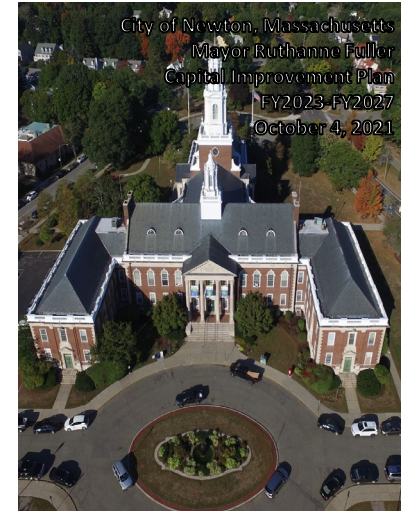
FY2023 - FY2027

Mayor Ruthanne Fuller
October 4, 2021



City of Newton, Massachusetts
Mayor Ruthanne Fuller
Capital Improvement Plan
FY2023-FY2027
October 4, 2021

FY2023-FY2027 CIP Summary



- CIP includes 222 new and continuing projects
- Investment of \$387 million during the FY2023 - FY2027 five-year period (including \$8 million to be docketed during the remainder of this FY)
- Includes 41 projects with all or some funding approved totaling \$127 million
- Substantive changes were to the CIP compared to FY22 Plan approved in June
- Eight projects were added
- Many updates were made to project descriptions, funding, time schedules and priorities.



Oak Hill Middle School Addition

Completed August 2021

3 new classrooms plus restrooms, support spaces, lockers, stormwater improvements and an accessible entrance



September 2021 Ribbon-Cutting Event



Complete Streets – Village Center Improvements

Project Components

- Upgrade traffic signal equipment
- Improve multimodal safety and operations
- Enhance streetscapes
- Improve signal coordination



West Newton Square

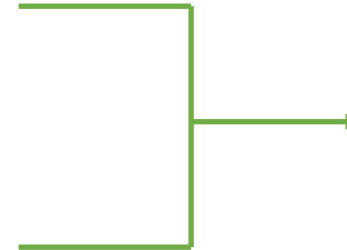


Walnut Street - Newtonville

New Projects in FY2023-FY2027 CIP

New Projects Added in FY2023 - FY2027 CIP

- Cabot Park Improvements
- Burr Elementary School Fields Development
- Brown/Oak Hill Middle School Fields Development
- McGrath Park Fields Redesign and Development
- Newton South Brandeis Field Lights
- Marty Sender Path Phase 2 - Boardwalk and Trail Improvement
- Crystal Lake Beach Improvements
- New Park at 150 Jackson Road



Athletic Field Projects

New Projects Added in Supplemental FY2022 - FY2026 CIP

- Design/Engineering of High-Priority Athletic Field Projects
- Newton North Field Lights
- Police Training Facility and Space Upgrades
- Upper Falls - Northland Splash Park
- Safe Routes to School Intersection Improvements at Albemarle/Crafts/North
- Replacement of Automatic Water Meter Infrastructure System
- Municipal Parking Lot Improvements



Athletic Field Projects

Major Project Holds From FY2022 – FY2026 CIP

- Newton Early Childhood Program (at renovated 687 Watertown Street)
 - Project was ready to bid in Spring when put on hold
 - Project bid and construction began in September
- Lincoln-Eliot at 150 Jackson Road
 - Project was in feasibility stage when put on hold
 - Design re-initiated. Design enrollment and classroom # set by School Committee
- Children's Room Expansion at Newton Free Library
 - Project was ready to bid in Spring when put on hold
 - Project bid and construction began in September
- Countryside/Franklin/Ward/Underwood/Horace Mann Elementary School Renovations
 - All planning for these projects was put on hold in Spring. MSBA submission work continues for 2021.
 - MSBA accepted Countryside into Eligibility Period. \$1.25 million in APRA funds for Feasibility Study
 - Planning for other projects and studies will resume shortly

Library Children's Room Expansion



PROJECT GOALS

Increase the room
by 4,000 square feet

Expand the size of the
Program Room

Make family-friendly ADA
compliant restrooms

Update furniture and
add activity stations

Newton Centre Playground Pavilion

Feasibility Study for Outdoor Performing Arts Stage

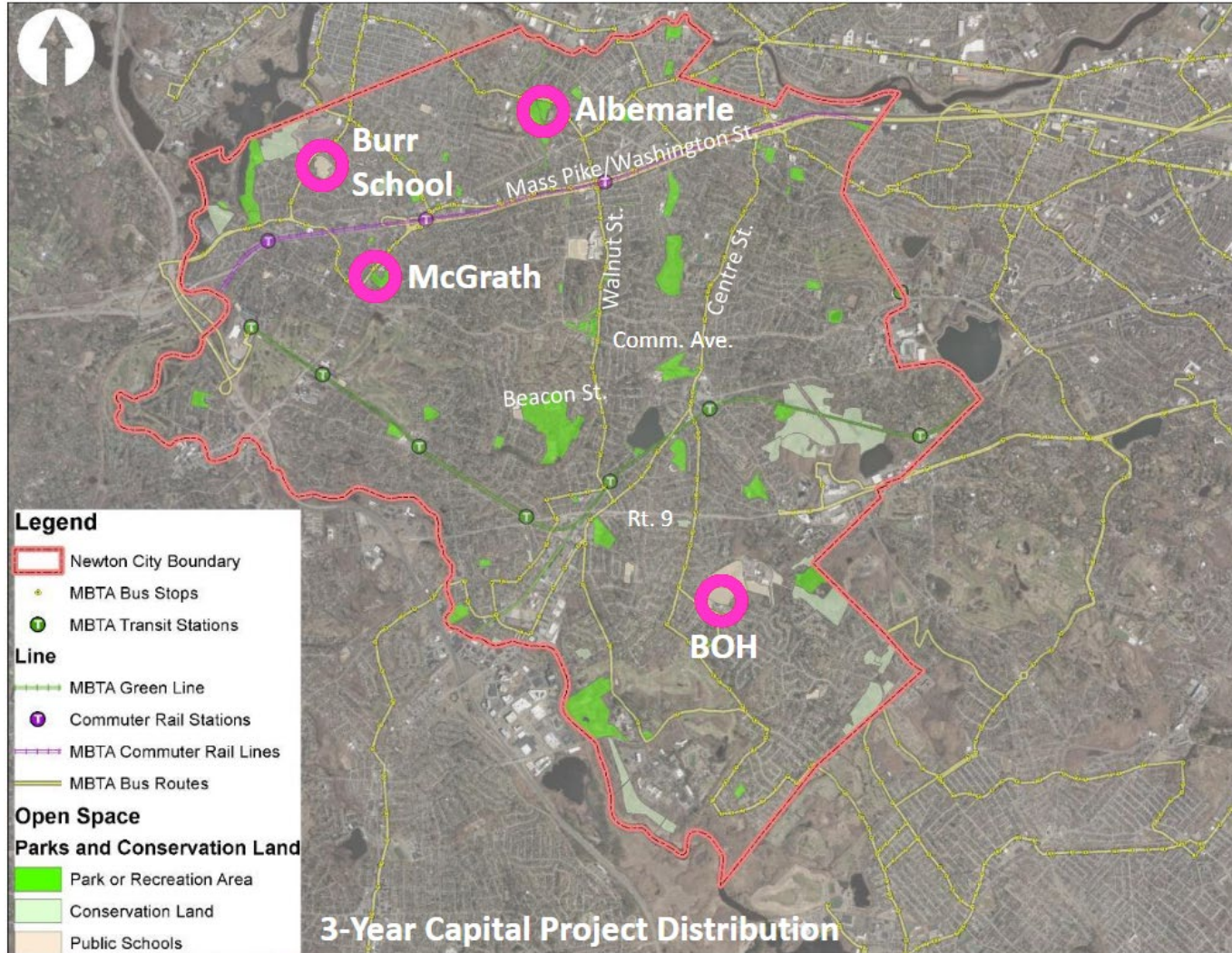
Hyde Center Stage in Action



Newton Centre Playground Hill and Tent Area



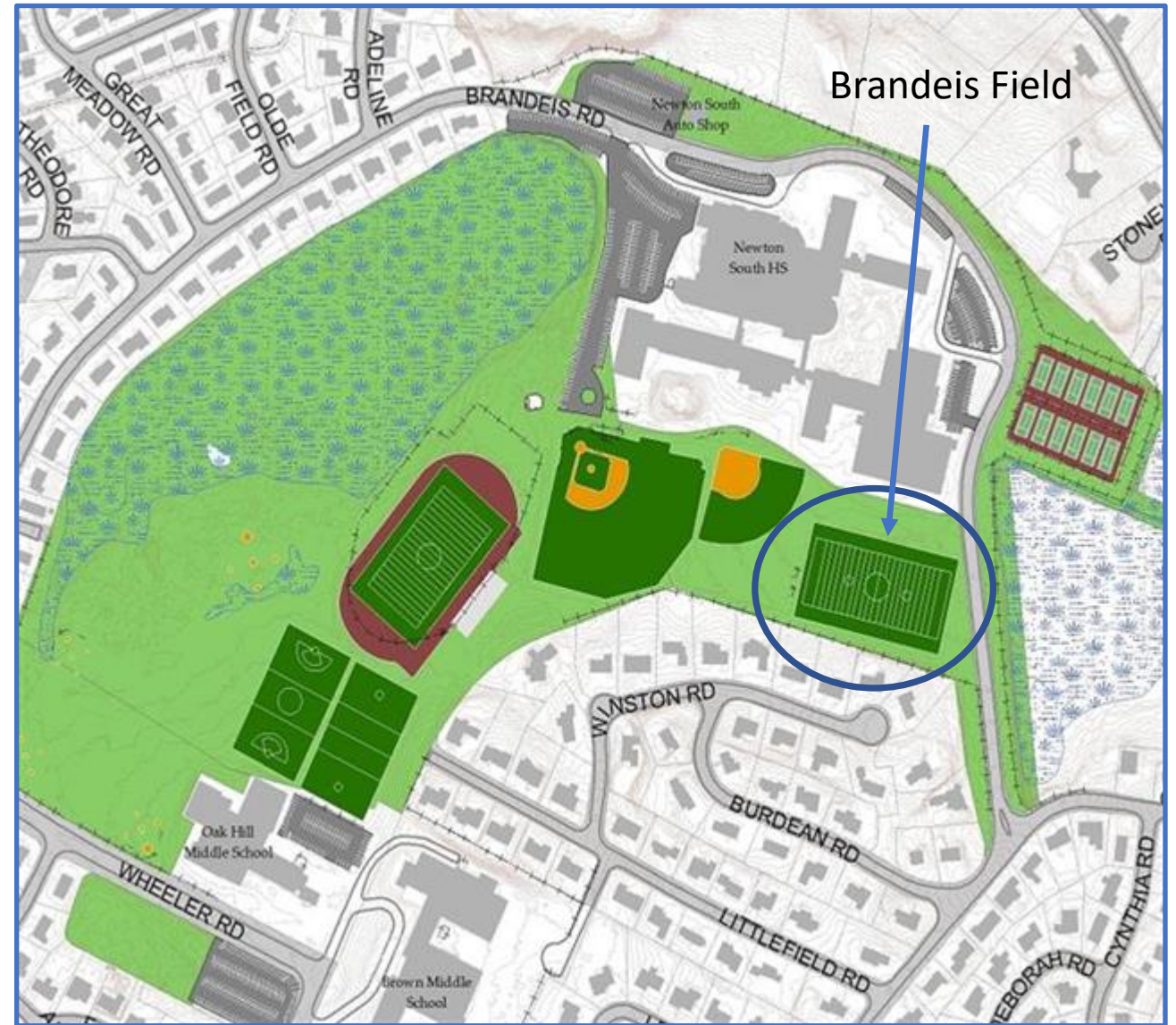
Burr, McGrath and Brown/Oak Hill Athletic Field Renovations



- Design/Engineering Funded (\$420k) by CPC and approved by Council
- These 3 grass fields are high priority
- Albemarle Field Project already in the CIP
- Forte Park and Braceland Field are also in high priority category

Newton South Brandeis Field Lights

- Late High School start time has helped create an afternoon/evening/night-time field crunch
- Brandeis Field has synthetic turf that withstands high levels of use
- Agreement will be reached between Parks, Recreation & Culture, NPS, and youth leagues on shared usage



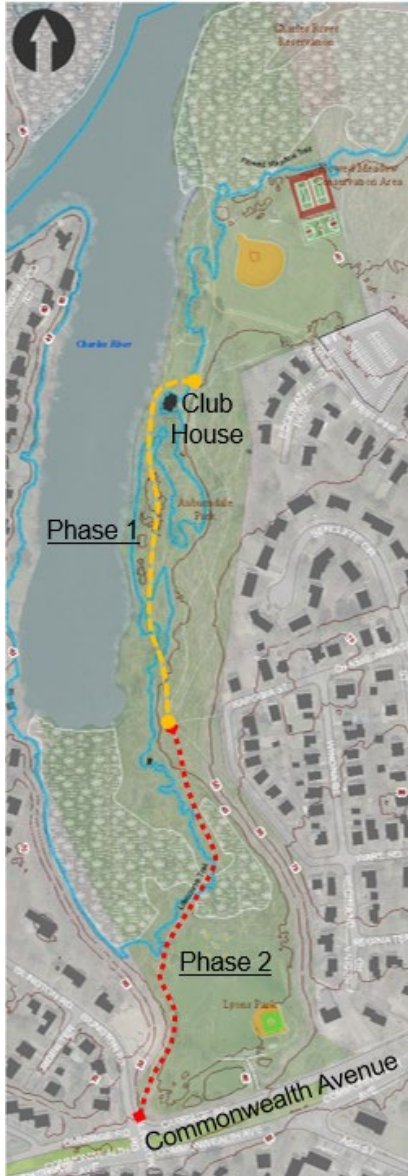
Newton South Field Map

New City Park at 150 Jackson Road

- First new City park in decades
- @2 acres at north end of larger Lincoln-Eliot School Project site
- Park designed for school and community children use, growing number of local older residents, and others
- Increase local tree canopy (and keep small existing forest)
- Improve stormwater runoff from site
- City applying for state and local grants



Marty Sender Greenway Trail (Auburndale) – Phase 2



Phase 1:

- From the clubhouse to the intersection aligned with Chaske Avenue
- Distance: Approximately 0.2 Miles
- Improve accessibility to 4 outlook areas facing the cove
- A large portion cuts through the City's floodplain
- Phase funded by CDBG
- Construction out to bid in October, 2021

Phase 2:

- From the Chaske Avenue intersection to Commonwealth Avenue
- Distance: Approximately 0.25 Miles
- Traverses the confluence of wooded wetlands and the city's flood plain at the rear of Lyons Park
- Requires planning and ConComm approval to address path through muddy conditions at the rear of Lyons Park
- CPC funding eligible

Crystal Lake “Left Beach” Improvements



- Stabilize "Left beach" and create a sustainable shoreline area for sunbathing and access into the water

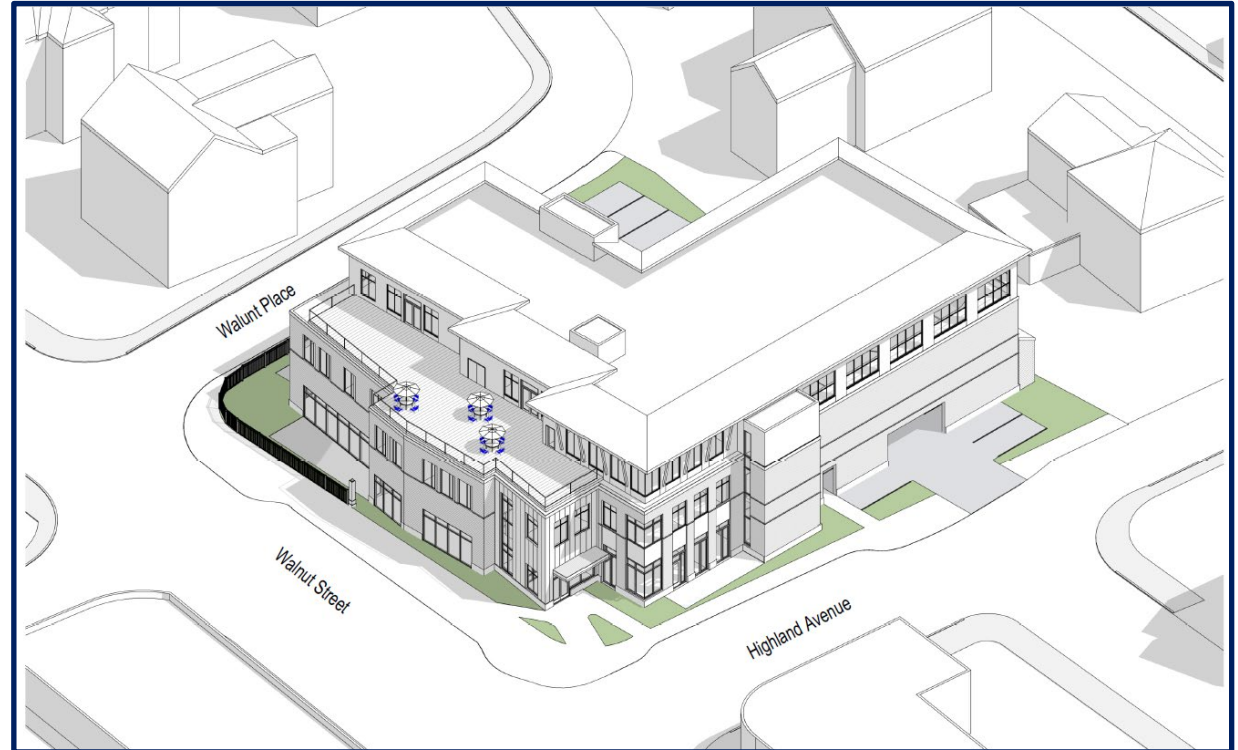
Cabot Park Improvements



- Parks, Recreation & Culture project in cooperation with City ADA Coordinator and Public Buildings (\$)
- \$100,000 allocation from remainder of Cabot School funds
- Well-used basketball facilities need replacement
- Accessible pathway(s) needed from Parkview Ave area

Newton Center for Active Living (NewCAL)

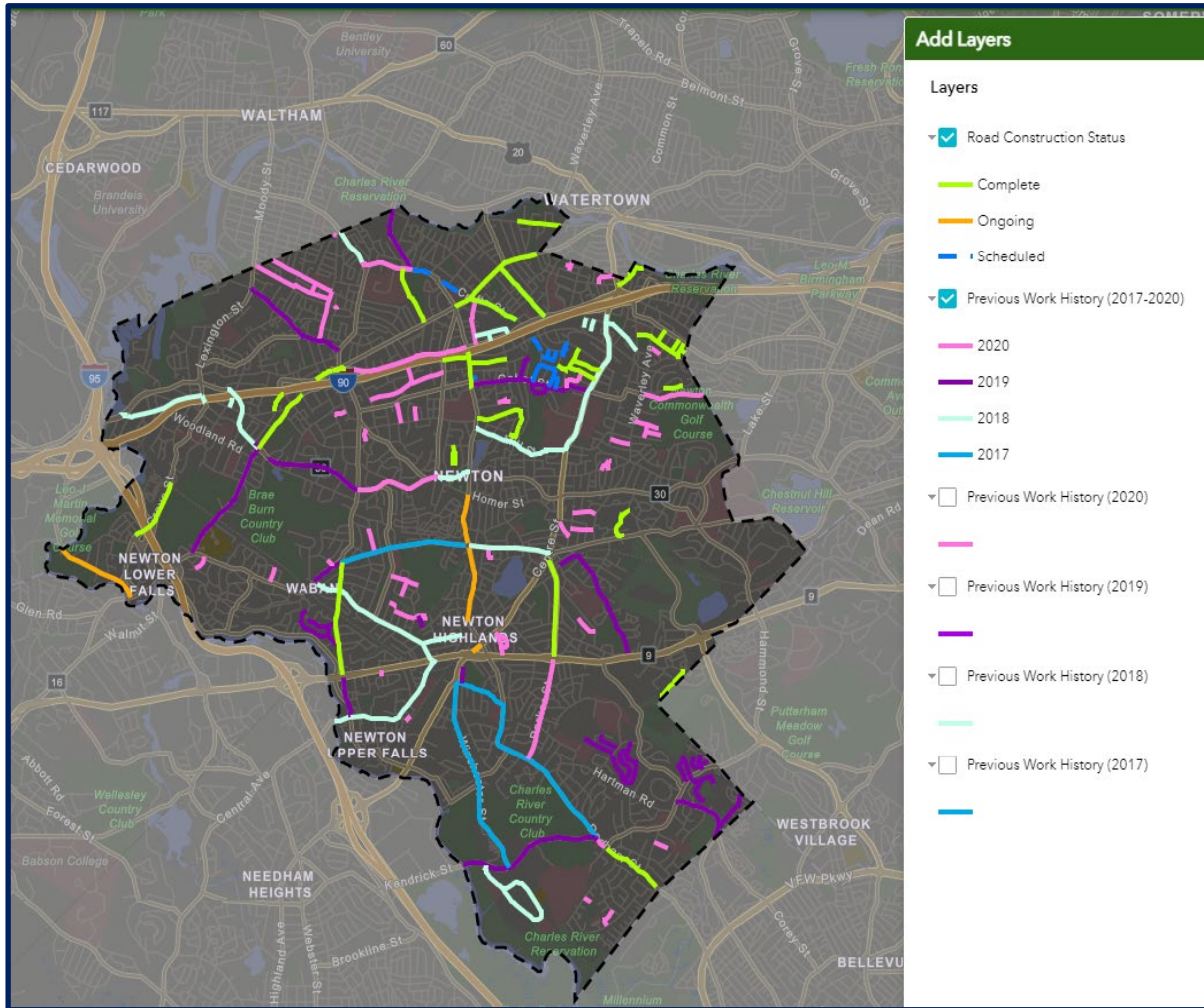
- Site now chosen
- New building option chosen
- 250+ public meetings held so far
- Mid-2025 opening date, maybe earlier
- \$16.65 million in CIP (bond funded)
- Temp home options for Senior Services under review



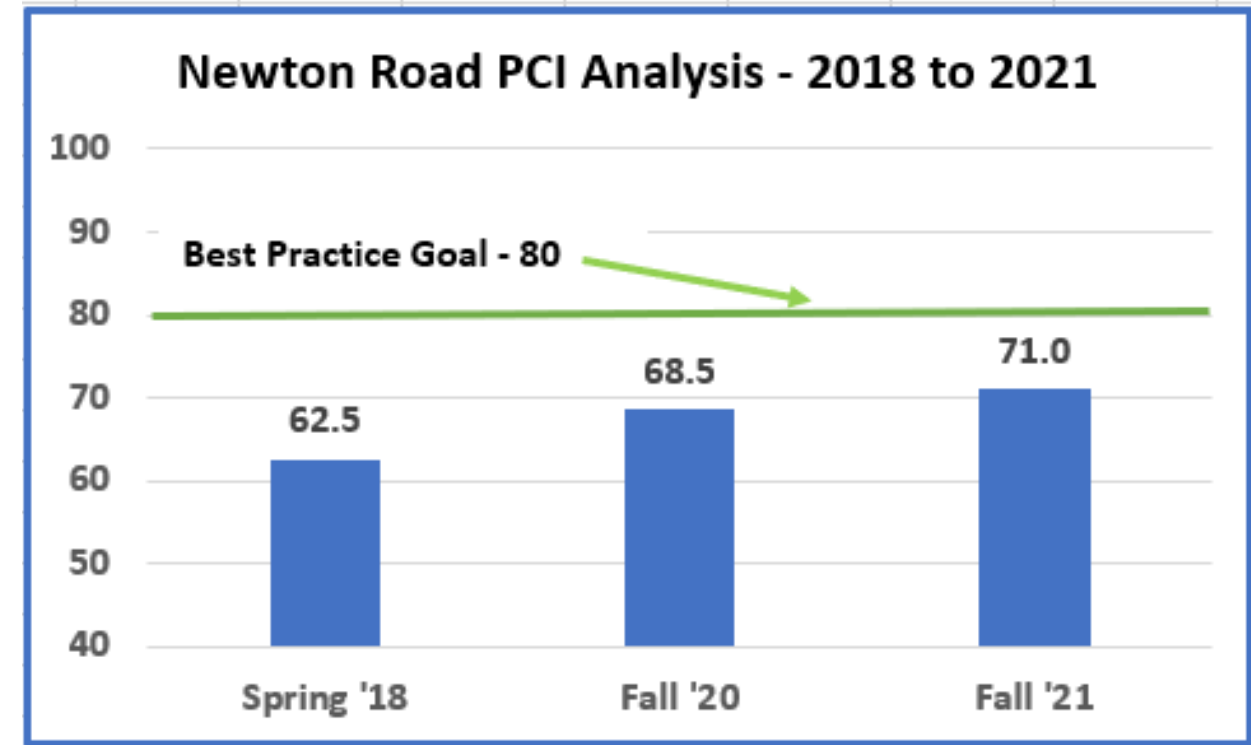
(Early image of one design option only)



Transportation Network Improvement Program



FY2017 – FY2021 Road Repair Map
(new online mapping system)



Recent major thoroughfares including:

- Washington
- Walnut
- Chestnut
- Cherry
- Centre
- Crafts
- Dedham
- Woodward
- Adams
- Watertown
- Comm Ave

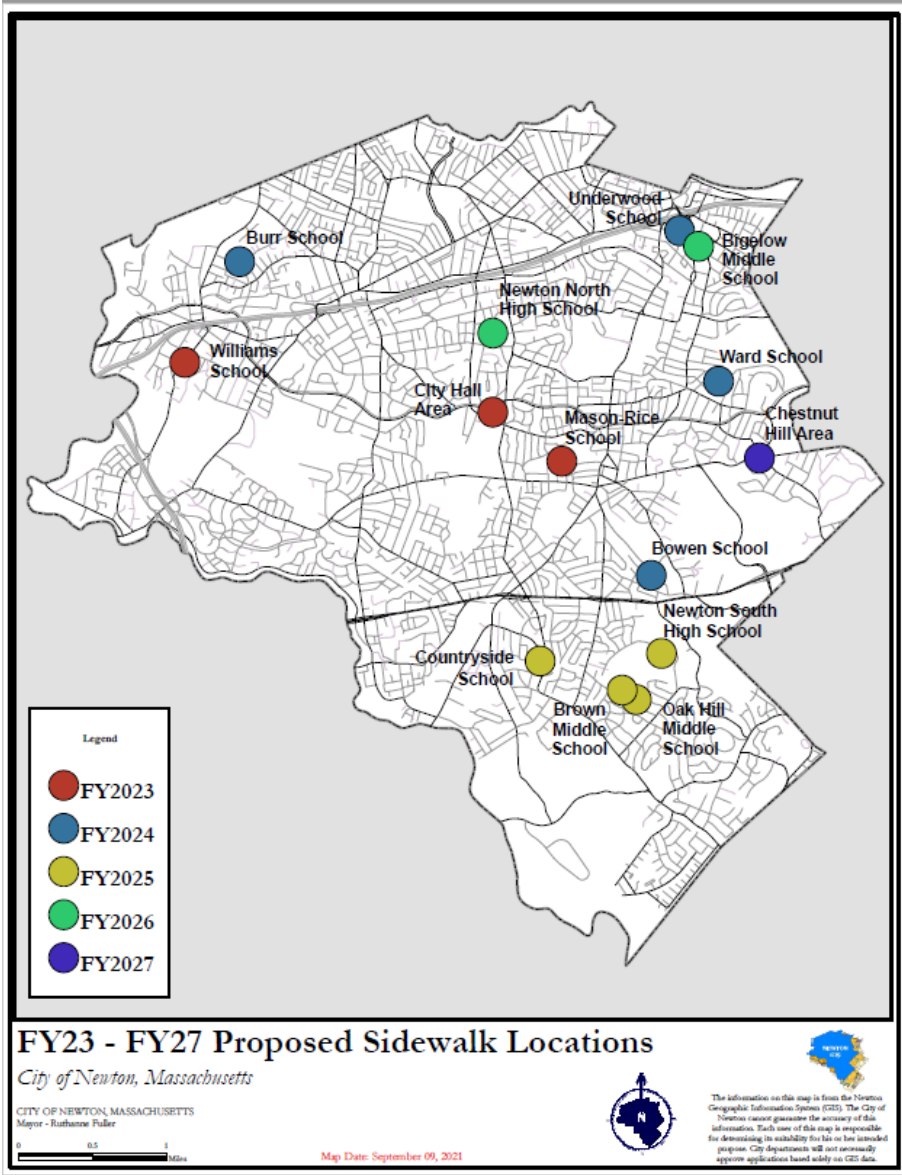


Cold-in-Place
Recycling Process
for Chestnut
Street Paving

June 2021

Sidewalk Improvements

Focus Areas



Annual Target by In-House Crews:

- Fix 2 miles existing
- Install 2 miles new

Sidewalk Condition Inventory and Plan

- DPW is completing an inventory of all sidewalks/accessible ramps
- Inventory done by mid-2022
- Then develop a sidewalk/accessible ramp prioritized list, based on asset management criteria (like roads)
- Prioritization plan expected before end of 2022.

In Larger Road Projects



Walnut Street, October 2021

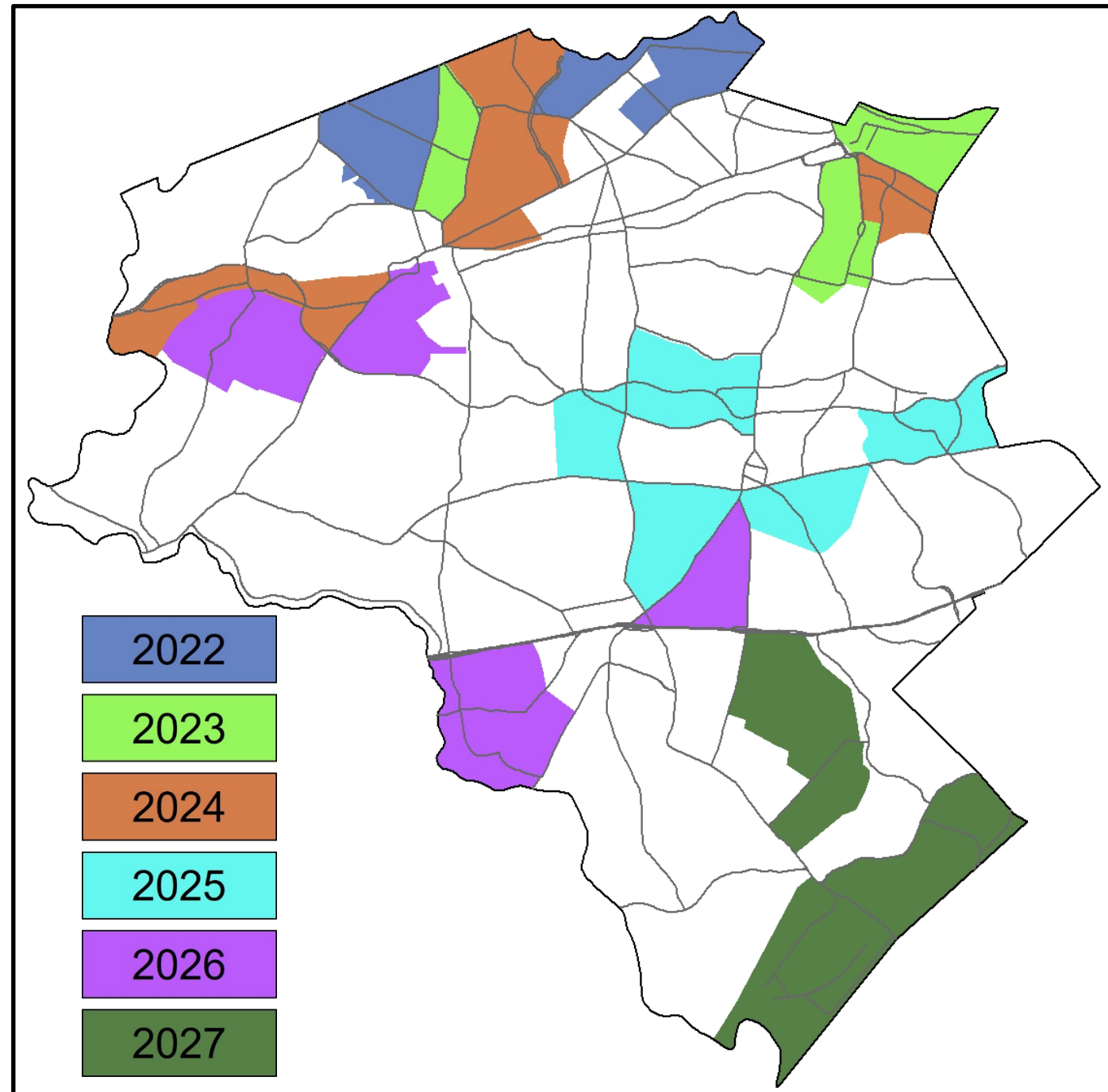
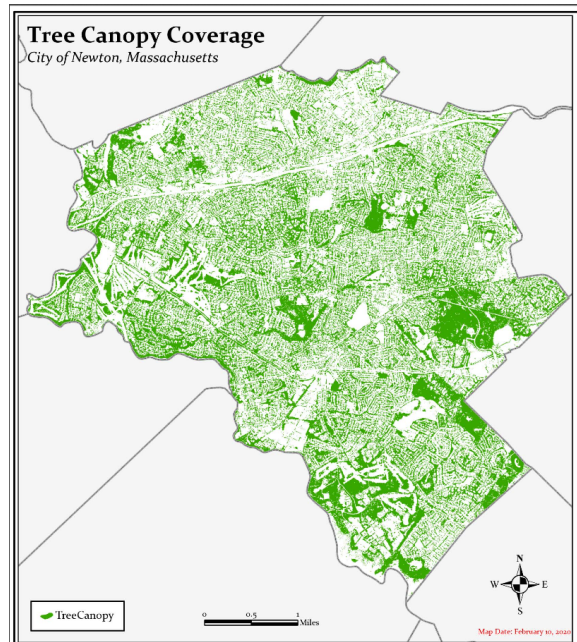
American Rescue Plan Act (ARPA) Investments to Date

Online at Mayor Fuller's
Special Projects Page [here](#)

Project	Amount	Date Announced
FY22 Municipal and School Operating Budget	\$4,603,645	5/12/2021
Road Repair & Paving	\$2,500,000	5/12/2021
Countryside School Feasibility Study	\$1,250,000	6/2/2021
Community Needs Assessment	\$50,000	7/29/2021
Library Children's Room Expansion	\$2,000,000	7/29/2021
Horace Mann Playground	\$250,000	7/29/2021
Newton Hires	\$220,000	8/5/2021
COVID-19 Building Adaptations	\$1,800,000	9/2/2021
NewCAL Design	\$500,000	9/2/2021
Bicycle/Pedestrian Master Plan	\$80,000	9/10/2021
Feasibility Design for Arts & Culture Pavilion in Newton Centre Bowl	\$50,000	9/17/2021
Revitalize Creative Newton	\$75,000	9/17/2021
Parks & Conservation Trail and Accessible Pathway Improvements	\$150,000	10/1/2021
Street Tree Program Investments	\$250,000	10/1/2021
Total to Date	\$13,778,645	

Street Tree Program Investments

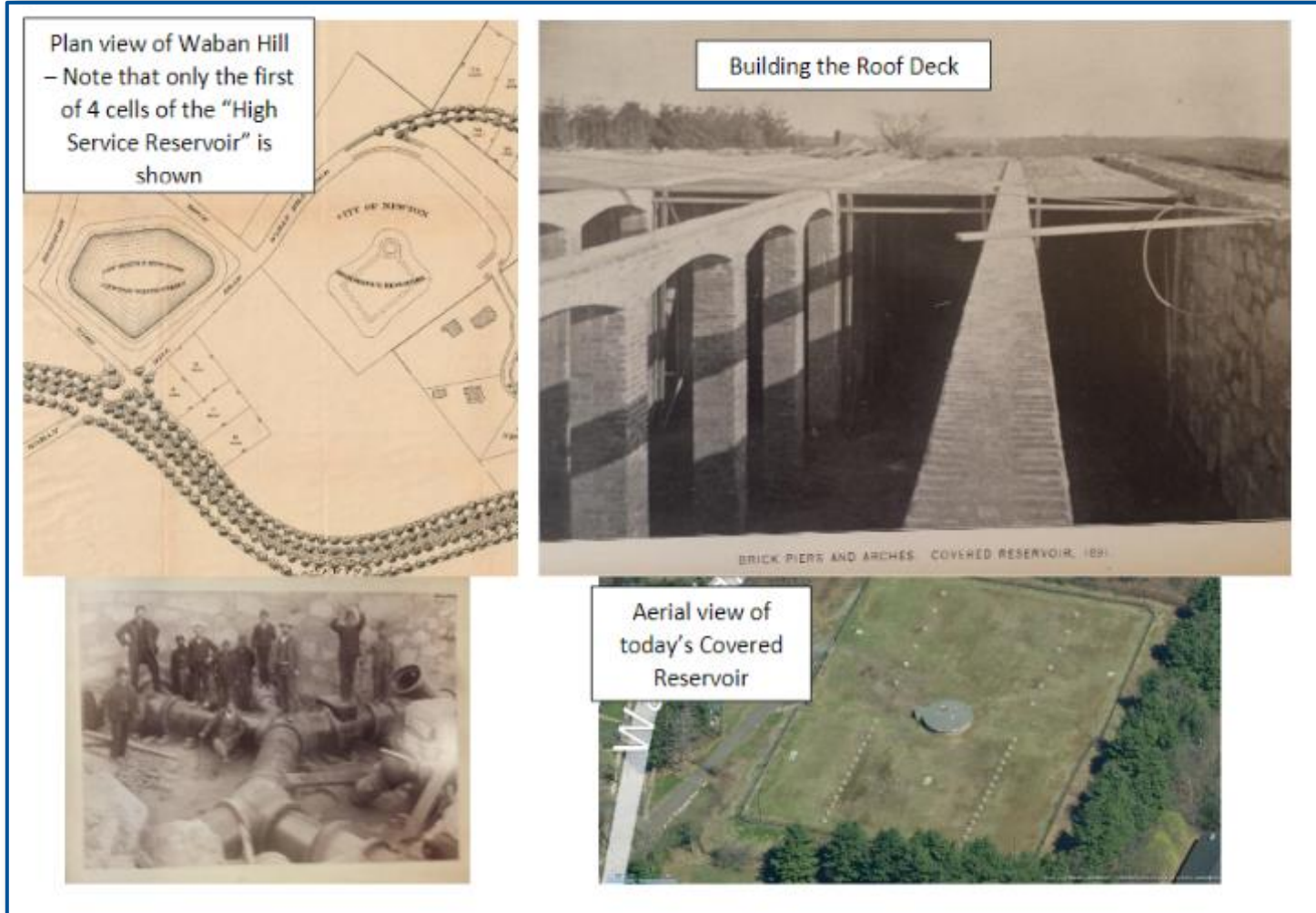
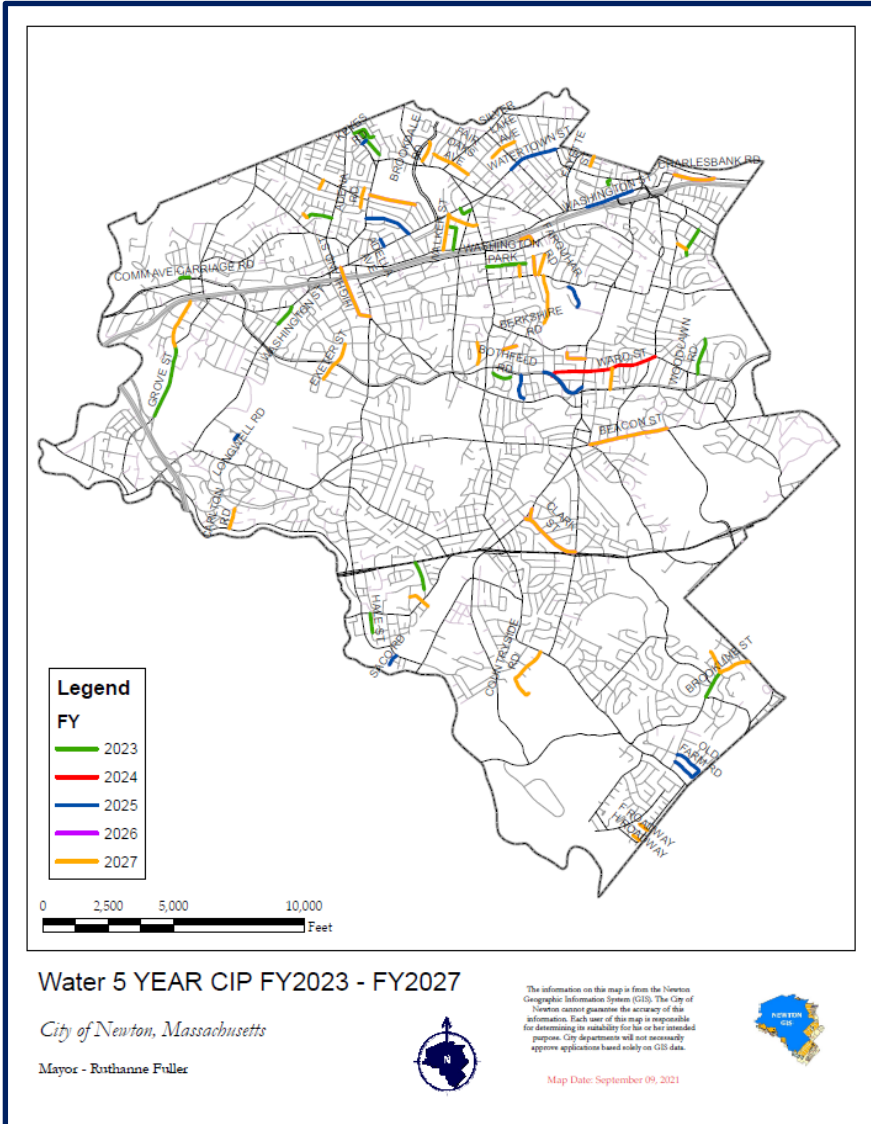
- CIP Book Details Street Tree Program planting plan 2022-2027
- \$250,000 in ARPA funds allocated to help program maintain newly planted trees
- City Forester developing first-ever Street Tree Master Plan
- Forestry Program staff set to complete City-wide inventory of trees in 2022



Water System Capital Improvement Program

Water Main Replacement, \$4.5m-\$5m/Yr

Waban Hill Covered Reservoir Improvements (FY22-23) 1891 Facility is Newton's primary in-city storage



Other CIP and Project Highlights

- Newton South Artificial Turf Replacement funds moved into FY23
- Newton North Artificial Turf Replacement funds moved into FY25
- Building Adaptations Program (\$1.8m in ARPA funds)
 - Police HQ Ventilation
 - Fire Stations #1 and #2 Ventilation
 - City Hall, War Memorial Ventilation
- Move of Emergency Dispatch from Police HQ to Fire HQ
 - Better facilities for staff doing difficult job
 - Frees up current Dispatch area for other Police needs
- Trails and Accessible Pathways
 - \$150,000 in ARPA funds for projects on Parks/Conservation Lands
 - Creation of new Trails Advisory Committee as outcome of OSR Plan
- Commercial and Residential Water Meter Replacement Program
 - 150 large commercial meters to be replaced
 - All 26,000 residential and small commercial meters, and AMI systems to be replaced over few years
 - New customer portal to be created for easy water use/bill tracking