



Business, Finance and Planning

TO: School Committee

FROM: Liam Hurley, Assistant Superintendent/Chief Financial & Administrative Officer
Stephanie Gilman, Director of Planning, Project Management & Sustainability
David Stickney, Director of Facilities

DATE: October 27, 2022

RE: FY2024-FY2028 Five-Year Capital Improvement Plan (CIP)

The City of Newton FY2024-FY2028 Five-Year Capital Improvement Plan (CIP) was delivered to the City Council on October 17, 2022. The draft CIP project list for the School Department was presented to the School Committee on October 3, 2022, and was outlined and described in the October 3, 2022 memo to the School Committee. The October 3rd memo is attached for your reference.

As previously noted, a number of major capital building projects that had previously been put on hold due to the pandemic were restarted last year and have made great progress since being restarted. The restarted NECP project began construction a year ago and will be completed in December 2022. In January 2023, NECP staff and students will start the new year in the newly renovated building at 687 Watertown Street. The Lincoln-Eliot School project also continues to move forward and is anticipated to be completed in the summer of 2025. The Countryside School project is in the feasibility phase, which is funded with ARPA funds. ARPA funding has also been allocated for the Underwood and Ward Facility and Enrollment Study.

The attached Five-Year FY24-FY28 School CIP includes ten (10) infrastructure projects - five (5) mechanical infrastructure projects (heating system improvements and boiler replacement projects) and five (5) roof replacement projects. The School CIP also lists the major capital building projects for the Newton Early Childhood Program, Lincoln-Eliot Elementary School at 150 Jackson Road, Countryside, Franklin, Ward / Underwood and Horace Mann Elementary Schools.

The School CIP project list, as described in the October 3, 2022 memo, will be discussed and any additional questions will be answered. A vote of approval of the School's FY24-FY28 CIP is requested.

In addition to the School Department CIP project list, there are also a number of school related projects that fall under the Public Buildings Department, the Parks, Recreation and Culture Department or the Department of Public Works. These projects are listed below and are described in the full Five-Year CIP spreadsheet:

- Lincoln-Eliot Auditorium at 150 Jackson Road
- Newton North High School Field Lights
- Newton South High School Brandeis Field Lights
- Horace Mann School Playground
- Burr Elementary School Field Development
- Brown / Oak Hill Middle School Fields
- Albemarle Park/Russ Halloran Park Fields and Lighting
- Crafts Street at Albemarle Street Intersection Improvements (SRTS Grant Project)
- Electric Vehicle Charging Stations
- Newton South High School Synthetic Turf Field Replacement
- Newton North High School Synthetic Turf Field Replacement
- Sidewalk Improvement Projects

The CIP is continually revised and refined, and is updated approximately every six months. This update of the Five-Year Capital Improvement Plan from Mayor Fuller also included a proposed increase to the tax levy with a general operating override and two debt exclusion overrides, both of which are proposed to support major school capital building projects, NPS academic programs and services, as well as investments in parks, athletic fields and courts, environmental sustainability initiatives, urban trees, programs and services for older adults, and improvements to roads and sidewalks to make them safer and more accessible for walking, biking, riding and driving.

The proposed \$9,175,000 operating override includes \$4.5M for schools to support academics, mental health services, and technology, and \$775,000 for the Horace Mann School addition and renovation project.

The proposed debt exclusion overrides total \$5.8M of annual bonding to complete the Countryside and Franklin Elementary School building projects.

All Capital Improvement Plan documents are posted on the [City of Newton CIP Webpage](#) including the complete [FY2024-FY2028 CIP Book](#). Information about the override and a link to the recording of the Mayor's presentation can be found on the City's website at [City of Newton Override 2023](#).

Schools CIP by Priority FY2024-FY2028

								Total	Total	Total	Total	Total	Total	Total
								\$ 152,702,634	\$ 44,633,490	\$ 127,527,773	\$ 81,192,380	\$ 104,925,500	\$ 40,801,600	\$ 23,628,000
Priority	Dept	Asset Category	Project Title	Project Description / Justification	Est Cost in FY2023	Priority Factor	Funding Source	Approved Funding	FY2023 to be Docketed/ Approved	FY2024	FY2025	FY2026	FY2027	FY2028
135	Schools	Building	Bowen School - Mechanical Upgrades	Replace interior air handlers in first year. Direct Digital Controls conversion.	\$ 500,000	28.1	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
136	Schools	Building	Bigelow School - Accessibility Upgrades	Upgrade toilet rooms, elevator, door hardware and signage for accessibility.	\$ 1,000,000	28.0	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
140	Schools	HVAC/Boilers	FA Day School - VAV Coil Work	Replace variable air volume (VAV) coil work.	\$ 400,000	27.7	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -
141	Schools	Complete Streets	Schools - Repave Parking Areas	Repave parking areas and sidewalks in poor condition at, Brown, Mason Rice, Oak Hill, Williams and Peirce.	\$ 400,000	27.5	Bonding/Other Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
143	Schools	Building	Brown School - Accessibility Upgrades	Upgrade existing elevator for code compliance, signage, hardware, and reconfigure locker rooms for accessibility.	\$ 750,000	27.2	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
144	Schools	Building	Mason Rice School - Accessibility Upgrades	Upgrade hardware, toilet rooms, and water fountains for accessibility.	\$ 500,000	27.0	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
145	Schools	Building	Mason-Rice School - Mid-Range Renovation/Addition	Feasibility Study/Design and construction, including electrification.	\$ 15,000,000	26.9	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
146	Schools	Building	FA Day School - Accessibility Upgrades / Replace Elevator	Upgrades for ADA Compliant elevator, toilet rooms, door hardware, and signage.	\$ 750,000	26.7	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
148	Schools	Building	Mason Rice School - Mechanical Upgrades	Direct Digital Controls conversion and upgrade heating distribution system.	\$ 1,000,000	26.5	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
149	Schools	Building	Peirce/Williams Feasibility/Addition	Feasibility Study/Design and Construction, including electrification of Williams, to add capacity.	\$ 30,000,000	26.3	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
150	Schools	Building	Peirce School - Plumbing Upgrades	Upgrades to toilet rooms and water fountains.	\$ 500,000	26.3	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
155	Schools	Building	Bowen School - Accessibility Upgrades	Upgrades to toilet rooms, signage, hardware, railings and assembly spaces for accessibility.	\$ 500,000	25.2	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
157	Schools	Building	Williams School - Space and Building System Improvements	Address building system needs and possible cafeteria and classroom addition.	\$ 1,500,000	24.6	Bonding/Alternate Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
158	Schools	Roof	Burr School - Replace Roof	Replace the total building roofing system installed in 1999.	\$ 995,000	24.6	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
188	Schools	Building	Bigelow School - Mechanical Distribution Upgrades	Project to replace unit ventilators, valves, controls, and distribution system components that are beyond their useful life.	\$ 500,000	19.3	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
190	Schools	Building	Underwood School - Electrical Upgrades	Upgrades to electrical panels and sub-panels and emergency generator.	\$ 100,000	19.0	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
197	Schools	Building	Mason Rice School - Electrical Upgrades	Replace emergency generator, electrical panels and sub-panels.	\$ 325,000	16.6	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
198	Schools	Infrastructure	EV Bus Infrastructure	Project to determine a location and create the infrastructure needed to support an EV bus fleet.	TBD	16.2	Bonding/State Grants/Other Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
203	Schools	HVAC/Boilers	Oak Hill School - Mechanical Upgrades - Roof Top Units and Distribution System	Replace Roof top air handling units and distribution system to electrify the systems.	\$ 250,000	13.5	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
210	Schools	Building	Bigelow School - Replace Windows and Doors	Replace aging windows and exterior doors to improve comfort, operation, and energy efficiency.	\$ 1,400,000	9.8	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
215	Schools	Building	Williams School - Mechanical Upgrades	HVAC distribution upgrades in the boiler room and throughout the school, and electrify the systems.	\$ 200,000	9.2	Bonding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Need:					\$ 861,339,962			\$ 152,702,634	\$ 44,633,490	\$ 127,527,773	\$ 81,192,380	\$ 104,925,500	\$ 40,801,600	\$ 23,628,000