



ANDOVER SCHOOL COMMITTEE

SC ROOM Key: *I.O. = Information Only; A.R. = Action Request*

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THURSDAY, SEPTEMBER 16, 2021
SCHOOL COMMITTEE CONFERENCE ROOM

** Please note that public comment – either during the Public Input agenda item or on specific agenda topics – should follow School Committee [policy BEDH](#) *Public Comment at School Committee Meetings* and [policy BEDH-E](#) *Guidelines for Public Comment*, including limiting remarks to 3 minutes.**

I. School Committee Meeting – Call to Order **6:00 PM**

II. Executive Session

Motion and vote to meet in executive session pursuant to Massachusetts General Laws chapter 30A, section 21(a) for the following purpose: Purpose (2) to discuss strategy in preparation for negotiations with nonunion personnel, namely Assistant Superintendents and Purpose (3) to discuss strategy with respect to bargaining with unionized personnel, namely the Andover Educational Secretaries Association (AESA) and Occupational and Physical Therapists Association, because an open session may have a detrimental effect on the bargaining position of the Committee. The Committee will reconvene in regular session at approximately 7:15PM.

III. Resume Regular Meeting **7:15 PM**

- A. Call to Order/Moment of Silence/Salute to Flag
- B. Recognitions/Communications I.O.
- C. Public Input
- D. Response to Public Input
- E. Education I.O.
 - 1. EL Summer Program Presentation (J Allen, V McNeeley, D Carty, P Otis)
- F. New Business
 - 1. Policy GCD – Professional Staff Holidays A.R.
 - 2. Capital Improvements Project FY23 I.O.
 - a. SCH 1 – School Wide Maintenance Projects
 - b. SCH 2 – Projects by Building
 - c. FAC-3 – Town and School Security Projects
 - d. SCH-5 – Major School Projects
 - e. FAC 7 – Town/School Energy Initiatives
 - 3. ESSER III I.O.
 - a. Public Input
 - 4. Financials – FY21 End of Year A.R.

This is the SC posted agenda for the upcoming meeting to the best of our knowledge at the time of posting; however, other agenda items may arise; therefore, the SC reserves the right to discuss additional items if merited.

The mission of the Andover Public Schools, in partnership with the entire Andover community, is to educate by engaging and inspiring, students to develop as self-reliant, responsible citizens who are thinkers, problem solvers, and contributors prepared to participate in an evolving global society.

G. Consent Agenda

A.R.

1. Grants/Donations to District
2. SC Meeting Minutes: August 26 SC Meeting

H. Adjournment

The School Committee intends to hold in-person meetings when practical in accordance with evolving health and safety regulations. Members of the public who attend School Committee meetings in person must wear a mask in compliance with School Committee policy [EBCFA Face Coverings](#).

GCD - PROFESSIONAL STAFF HOLIDAYS

Non-union, full-year staff shall receive the following as paid holidays: New Year's Day; Martin Luther King Day; Presidents' Day; Patriots' Day; Memorial Day; Juneteenth Independence Day; Independence Day; Labor Day; Columbus Day; Veterans Day; Thanksgiving Day; Day After Thanksgiving; Christmas Day. Any individual employment contract which proposes paid holidays other than those listed above shall require School Committee approval.

**TOWN OF ANDOVER
CAPITAL IMPROVEMENT PROGRAM FY2023 – FY2027**

PROJECT REQUEST: *School-Wide Maintenance Program*

SCH-1

Department Priority Ranking: 1
(1 = highest, 2 = next highest, etc.)

TM's Rec. for FY23: \$
Original Dept. Request: \$870,000
Submitted by: Magda Parvey, Ed.D./
 Janet Nicosia, Director
Department: School and Facilities Depts.
Funding Source: General Fund Revenue
FY22 Dept. Request for FY23: \$765,000

Project Description:

	Priority	FY2023	FY2024	FY2025	FY2026	FY2027
504 & IEP compliance (Individual Educational Plan)	1	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
ADA compliance (Accessibility)	1	\$50,000	\$55,000	\$55,000	\$60,000	\$60,000
Asbestos survey and remediation	1	\$45,000	\$45,000	\$50,000	\$50,000	\$55,000
Building envelope maintenance and repairs	1	\$40,000	\$40,000	\$40,000	\$45,000	\$45,000
Carpet and flooring replacement	1	\$50,000	\$60,000	\$60,000	\$60,000	\$65,000
Door and door hardware and installation	1	\$30,000	\$30,000	\$30,000	\$35,000	\$35,000
Electrical upgrades for new technology	1	\$30,000	\$30,000	\$35,000	\$35,000	\$40,000
Engineering	1	\$55,000	\$55,000	\$60,000	\$60,000	\$65,000
Energy conservation	1	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Fence and guardrail repairs	1	\$35,000	\$35,000	\$40,000	\$40,000	\$45,000
Furniture replacement	1	\$35,000	\$35,000	\$35,000	\$40,000	\$40,000
HVAC/energy management upgrades	1	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Lead and Copper testing and remediation	1	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Painting and parking lot striping	1	\$50,000	\$50,000	\$60,000	\$60,000	\$65,000
Plumbing upgrades	1	\$20,000	\$20,000	\$25,000	\$25,000	\$25,000
Refinish gymnasium and stage floors	1	\$25,000	\$25,000	\$30,000	\$30,000	\$35,000
Restroom renovations	1	\$50,000	\$55,000	\$55,000	\$60,000	\$60,000
School playgrounds maintenance	1	\$30,000	\$30,000	\$35,000	\$35,000	\$40,000

Security system upgrades	1	\$90,000	\$95,000	\$95,000	\$100,000	\$100,000
Sidewalk repairs and replacements	1	\$75,000	\$80,000	\$80,000	\$80,000	\$90,000
Smoke detector and fire alarm repairs	1	\$15,000	\$20,000	\$20,000	\$20,000	\$25,000
Totals		\$870,000	\$905,000	\$950,000	\$980,000	\$1,035,000

Project Justification and Purpose:

504 & IEP Compliance (Individual Educational Plan) – (Mandated IEP Building Modifications) – Funds are requested to provide building modifications on an as-needed basis when a staff member, or a student’s IEP plan, requires upgrades or modifications to the classrooms or offices to provide reasonable accommodations. These needs come up without advance notice and require immediate attention.

ADA Compliance – Funds are requested to address accessibility requirements.

Asbestos Survey and Remediation – Funds are requested to continue compliance with the AHERA law and asbestos removal.

Building Envelope maintenance and repairs – Funds are requested for the maintenance and minor repairs to building envelope systems.

Carpet and Flooring Replacement – Funds are requested to replace carpeting and flooring as needed.

Door and Door Hardware Replacement – Funds are requested to continue the ongoing program of replacing aging interior and exterior doors and door hardware.

Electrical Upgrades for New Technology – Funds are requested to provide additional electrical outlets and power to service additional needs, driven by new technology in our schools.

Engineering – Funds are requested for professional engineering fees to implement capital projects.

Energy Conservation – Funds are requested to implement minor energy conservation upgrades.

Fence and Guardrail Repairs – Fences and guardrails on school sites frequently sustain damage during the year. Funds are requested for repair or replacement as necessary, and to install new fences when the need arises.

Furniture Replacement – Funds are requested to begin replacing aging furniture at the schools.

HVAC/Energy Management Upgrades – Funds are requested to upgrade heating, ventilating and air conditioning equipment, and control system components.

Lead and Copper testing and remediation – Funds are requested for ongoing testing for lead and copper in drinking water.

Painting and Parking Lot Striping – Funds are requested for painting and parking lot striping.

Plumbing Upgrades – Funds are requested to upgrade plumbing fixtures.

Refinishing Gymnasium and Stage Floors - Funds are requested to screen and refinish approximately 92,626 square feet of gymnasium and stage floors.

Restroom Renovations – Funds are requested to renovate existing restrooms.

School Playgrounds Maintenance – Funds are requested to replace and repair playground structures and surfaces.

Security System Upgrades –Funds are requested to upgrade and repair school security systems, which include cameras systems, badge access controls, keyless entry mechanisms, electronic locks and burglar alarms.

Sidewalk Repairs and Replacements – Funds are requested to repair or replace sidewalks.

Smoke Detector and Fire Alarm repairs – Funding is requested for the ongoing repair and replacement of smoke detectors and fire alarm systems.

Town Manager Recommendation:

Fiscal Year	Dept. Request	Town Manager Recommendation
2023	\$870,000	
2024	\$905,000	
2025	\$950,000	
2026	\$980,000	
2027	\$1,035,000	

**TOWN OF ANDOVER
CAPITAL IMPROVEMENT PROGRAM FY2023 – FY2027**

PROJECT REQUEST: *School – Projects by Building*

SCH-2

Department Priority Ranking: 1
(1 = highest, 2 = next highest, etc.)

TM's Rec. for FY23: \$
Original Dept. Request: \$741,500
Submitted by: Magda Parvey, Ed. D./
Janet Nicosia, Director
Department: School and Facilities Depts.
Funding Source: General Fund Revenue
FY22 Dept. Request for FY23: \$985,000

Project Description:

	Priority	FY2023	FY2024	FY2025	FY2026	FY2027
Andover High restroom renovations		\$26,500	\$28,000	\$29,500	\$31,000	\$32,500
Andover High carpet/flooring replacement		\$40,000	\$50,000	\$50,000	\$50,000	\$60,000
Andover High stairwell/ramp rubber treads		\$40,000				
Andover High classroom renovations; flooring, paint, ceilings, lighting		\$40,000	\$40,000	\$45,000	\$45,000	\$45,000
Andover High School-Collins Center replace electrical panel			\$50,000			
Andover High Band Room Cabinets					\$100,000	
Bancroft Elementary kitchen roll down door replace with solid door		\$50,000				
Doherty Middle restroom renovations		\$55,000	\$55,000	\$60,000	\$60,000	\$65,000
Doherty Middle furniture replacements; desks, chairs, lab tables, stools		\$50,000	\$55,000	\$55,000	\$60,000	\$60,000
Doherty Middle add high velocity fans to gym					\$50,000	
Doherty Middle replace cafeteria floor				\$75,000		
Doherty Middle add fire alarm devices to all classrooms		\$40,000				
Sanborn Elementary classroom counters replacements		\$35,000	\$35,000	\$40,000	\$40,000	\$45,000
Sanborn Elementary masonry repairs		\$75,000				

South Elementary concrete and masonry repairs; walls, sills, sidewalk, entry			\$100,000			
South Elementary bathroom renovations.		\$50,000	\$50,000	\$55,000	\$55,000	\$60,000
South Elementary School paint interior.		\$65,000				
South Elementary School shed			\$85,000			
South Elementary cafeteria floor vinyl planking			\$50,000			
West Middle exterior masonry repointing and lintel replacements		\$75,000	\$75,000			
West Middle replace seat modules on Gym bleachers		\$25,000				
Wood Hill/High Plain add expansion joints to floor			\$50,000	\$50,000		
Wood Hill/High Plain kitchen roll down door replace with solid door				\$60,000		
Wood Hill/High Plain masonry walls near cafeteria repairs		\$75,000				
Wood Hill/High Plain Phase 1; reconfigure parking entrance and sidewalk			\$75,000			
Totals		\$741,500	\$798,000	\$519,500	\$491,000	\$367,500

Project Justification and Purpose:

Andover High School restroom renovations – Funds are requested to continue renovating one restroom each year.

Andover High School carpet/flooring replacement – Funds are requested to replace carpeting and other flooring within the school.

Andover High School stairwell/ramp rubber treads – Funds are requested to cover the concrete stairwell.

Andover High School classroom renovations – Funds are requested for classroom renovations such as flooring, painting, ceiling replacements and lighting upgrades.

Andover High School Collins Center – Funds will be requested to replace the electrical panel in the Collins Center.

Andover High School Band Room cabinets – Funds will be requested to replace the equipment storage cabinets in the Band Room at Andover High School.

Bancroft Elementary kitchen roll down door – Funds are requested to replace the roll down door in the kitchen, which is an open grate style, with a solid door to create a sound barrier.

Doherty Middle School restroom renovations – Funds are requested to continue renovating one restroom each year.

Doherty Middle School furniture replacement – Funds are requested to replace desks, chairs, lab tables and stools. The existing furnishings are quite old and have been repaired many times.

Doherty Middle School add high velocity fans to gymnasium – Funds will be requested to add high velocity fans to improve air circulation in the gymnasium.

Doherty Middle School cafeteria floor replacement – Funds will be requested to replace the floor in the cafeteria.

Doherty Middle School fire alarm device upgrades and installations – Funds are requested to upgrade, or install where needed, fire alarms in all classrooms at Doherty Middle school.

Sanborn Elementary School classroom counters replacements – Funds are requested to replace the countertops in classrooms at Sanborn Elementary School. These replacements will be phased over a number of years until complete.

Sanborn Elementary School masonry repairs – As part of our ongoing effort to preserve Andover's school masonry facades, funds will be requested to repoint, power wash, and seal the exterior masonry of Sanborn Elementary School.

South Elementary School concrete and masonry repairs – Funds will be requested to repair the concrete sidewalk, and to complete masonry repairs to the walls, sills and entry.

South Elementary School restroom renovations – The restrooms at South Elementary are in need of upgrades. Funds are requested to renovate two restrooms per year.

South Elementary School interior painting – Funds will be requested to paint interior spaces in South Elementary School.

South Elementary School storage shed – Funds will be requested to install a storage shed at South Elementary School.

South Elementary School cafeteria floor replacement – Funds will be requested to replace the existing flooring in the cafeteria with new vinyl planking.

West Middle School exterior masonry repointing and lintel replacement – As part of our ongoing effort to preserve Andover's school masonry facades, funds will be requested to repoint, power wash, and seal the exterior masonry of West Middle School as well as to replace the supportive lintels.

West Middle School gymnasium bleachers seat module replacement – Funds are requested to replace the seat modules on the gymnasium bleachers.

Wood High/High Plain add expansion joints to floor – Funds will be requested to add expansion joints to VCT flooring where cracking occurs.

Wood High/High Plain replace kitchen roll down door with solid door – Funds will be requested to replace the roll down door in the kitchen, which is an open grate style, with a solid door to create a sound barrier.

Wood High/High Plain masonry wall repairs – Funds will be requested to repair the masonry walls near the cafeteria.

Wood High/High Plain create additional parking – Phase one: – Funds will be requested to reconfigure a parking lot entrance and entry sidewalk as phase one of a two phase approach to create additional parking.

Town Manager's Recommendation:

Fiscal Year	Dept. Request	Town Manager Recommendation
2023	\$741,500	
2024	\$798,000	
2025	\$519,500	
2026	\$491,000	
2027	\$367,500	

**TOWN OF ANDOVER
CAPITAL IMPROVEMENT PROGRAM FY2023 – FY2027**

PROJECT REQUEST: *Town and School Security Projects*

FAC-3

Department Priority Ranking: 1
(1 = highest, 2 = next highest, etc.)

TM's Rec. for FY23: \$
Dept. Request: \$265,000
Submitted by: Janet Nicosia, Director
Department: Department of Facilities
Funding Source: General Fund Revenue
FY22 Dept. Request for FY23: \$265,000

Town Project Description:	Priority	FY2023	FY2024	FY2025	FY2026	FY2027
Deyermond Field camera installations				\$100,000		
Old Town Hall security upgrades						\$100,000
Playstead Ballfield and Track camera installations					\$90,000	
Pomps Pond and Recreation Park Install Access Readers and Emergency Call Stations		\$25,000	\$25,000			
Town Offices camera installations and upgrades.		\$90,000				
Town Offices Finance Office entry enclosure			\$80,000			
Total Town		\$115,000	\$105,000	\$100,000	\$90,000	\$100,000

School Project Description:	Priority	FY2023	FY2024	FY2025	FY2026	FY2027
All Schools: Entrance Renovations		\$100,000	\$100,000	\$100,000	\$100,000	
Multi-School Security Camera Upgrades-Schools to digital (WMS, South, Sanborn)		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Total Schools		\$150,000	\$150,000	\$150,000	\$150,000	\$50,000

Total Town and School Combined	\$265,000	\$255,000	\$250,000	\$240,000	\$150,000
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Deyermond Field security camera installations – Funds will be requested to install security cameras at the Deyermond Field, at the request of the Town and Andover Police Department. The area is difficult to monitor. Fiber will need to be run to the space through conduit, and cameras and recording devices will need to be installed.

Old Town Hall security upgrades – Funds will be requested to upgrade the card access readers, burglar alarm, and interior cameras at the Old Town Hall and Andover Town House.

Playstead Ballfield and Track camera installations – Funds will be requested to install long range cameras to monitor the area.

Pomps Pond and Recreation Park security enhancements – Funds are requested to install access card readers and emergency call stations at the Pomps Pond and Recreation Park facilities as a two phase project.

Town Offices security camera upgrades – Funds will be requested to upgrade the existing cameras at the Town Offices building.

Town Offices Finance Office entry enclosure – Funds will be requested to enclose the Finance Office entry area in the Town Offices building.

School Entrance Renovations – Andover Public School buildings are undergoing a comprehensive program of security upgrades and renovations. The new entrance vestibules that have been installed at several of our school buildings are an example of the security enhancements being undertaken to keep our school buildings safe. Funds are requested to continue constructing these high priority security vestibules throughout our school system.

Security Camera Upgrades-Schools to digital – Funds are requested to continue the upgrade of the interior camera security systems in Andover schools. The upgrades include new NVR digital recording systems and cameras at Sanborn Elementary, South Elementary, High Plain Elementary, West Middle School and Wood Hill Middle School.

Town Manager's Recommendation:

Fiscal Year	Dept. Request	Town Manager Recommendation
2023	\$265,000	
2024	\$255,000	
2025	\$250,000	
2026	\$240,000	
2027	\$150,000	

**TOWN OF ANDOVER
CAPITAL IMPROVEMENT PROGRAM FY2023 – FY2027**

PROJECT REQUEST: *Major School Projects*

SCH-5

Department Priority Ranking: 1
(1 = highest, 2 = next highest, etc.)

TM's Rec. for FY23: \$
Original Dept. Request: \$2,825,000
Submitted by: Magda Parvey, Ed.D./
 Janet Nicosia, Director
Department: School and Facilities Depts.
Funding Source: General Fund Borrowing
FY22 Dept. Request for FY23: \$7,350,000

Project Description:

	Priority	FY2023	FY2024	FY2025	FY2026	FY2027
Andover High replace Café heating system replacement and renovations					\$275,000	
Andover High Central Heating Plant upgrade			\$800,000			
Andover High Collins Center auditorium seating upgrades					\$300,000	
Andover High flooring abatement and replacement					\$150,000	
Bancroft School motorized gymnasium wall		\$150,000				
Bancroft School additional parking		\$400,000				
Bancroft School change field to turf field			\$500,000			
Doherty Middle design, then construction of elevator, renovations, and code upgrades		\$250,000		\$8,000,000		
Doherty Middle replacement of air handlers in the main building		\$300,000				
Doherty Middle replace ceilings and lighting in hallways and second floor, remove slats.				\$250,000		
Doherty Middle repointing, power washing and masonry sealing.				\$150,000		
DMS accessibility upgrades to the biology and chemistry labs.						\$150,000
Sanborn Elementary air conditioning design, then construction				\$3,500,000		

Sanborn Elementary Main Office renovation		\$275,000				
Sanborn Elementary demolition and removal of modular classrooms				\$150,000		
Sanborn Elementary side lot and rear driveway repaving		\$250,000				
Sanborn Elementary construct ADA accessible ramp to rear field		\$50,000		\$500,000		
Sanborn Elementary School new playground						\$450,000
Sanborn Elementary replace remaining concrete walkways					\$200,000	
School-wide code compliance for school sprinkler systems				\$5,000,000		
School-wide paving to roadways and parking lots.				\$5,000,000		
South Elementary air conditioning construction				\$3,200,000		
South Elementary School paving			\$900,000	\$900,000		
West Middle kitchen floor replacement		\$500,000				
West Middle Air Conditioning Design, then Construction		\$200,000		\$4,000,000		
West Middle design, then renovation of office, counters and HVAC		\$100,000		\$600,000		
West Middle porous pavement fire road					\$500,000	
Wood Hill/High Plain playground renovation and surfacing replacement (Grades 1-5)		\$350,000				
Wood Hill/High Plain playground replace and expand artificial turf					\$100,000	
Totals		\$2,825,000	\$2,200,000	\$31,250,000	\$1,525,000	\$600,000

Project Justification and Purpose:

Andover High School Café heating system and renovations – Funds will be requested to replace the current unit ventilators with a more efficient ceiling duct and window wash system, install new ceiling fans and paint the stairwells.

Andover High School Central Heating Plant upgrade – Funds will be requested to replace the boiler system.

Andover High School Collins Center seating upgrades – Funds will be requested to replace the worn seating in the Collins Center auditorium.

Andover High School flooring abatement and replacements – Funds will be requested to abate and replace flooring in areas of expansion joints in various corridors throughout the school.

Bandcroft Elementary School motorized gymnasium wall – Funds are requested to replace the manual divider wall with a motorized divider wall. The existing divider wall is difficult to operate and often gets stuck.

Bancroft Elementary School additional parking – Funds are requested to construct additional parking on the site. Funding was approved in FY2020 for the design of this project. There is insufficient parking during school events, so parents and staff members park their vehicles on the grass and the basketball court. This is especially problematic during the winter months because of snow.

Bancroft Elementary School artificial turf – Funds will be requested to replace the existing sports field with artificial turf.

Doherty Middle School elevator – This is a phased project to construct an elevator, renovate the ramp area, and provide code updates at Doherty Middle School. Funding for design services was approved at Town Meeting 2020. The revised renovation scope includes the installation of an elevator, configuration of a new second floor plaza area outside the gymnasium, construction of new, accessible, single-user restrooms near the auditorium, the installation of a new HVAC system for that area of the school building, and installation of sprinklers throughout the building.

Doherty Middle School Replacement of six main air handlers in the main building – Funds are requested to replace these units, which are original equipment from construction of the building.

Doherty Middle School ceilings and lighting replacements – Funds will be requested to remove the slatted ceilings and replace them, along with the lighting in the second floor hallways.

Doherty Middle School masonry maintenance – Funds will be requested to repoint, power wash and seal the exterior masonry at Doherty Middle School.

Doherty Middle School accessibility upgrades – Funds will be requested to bring the biology and chemistry labs into compliance with the Americans with Disabilities Act.

Sanborn Elementary construction for new heating and air conditioning – Design funds were approved in FY2021 for new heating and air conditioning. Construction funds will be requested in a future CIP.

Sanborn Elementary Main Office renovation – Funds are requested to renovate and reconfigure the Main Office.

Sanborn Elementary School demolition and removal of the modular classrooms – The modular building was installed in the year 2000 as a temporary structure and has reached the end of its useful life. Funds will be requested to demolish and remove this building.

Sanborn Elementary side lot and rear driveway repaving – Funds are requested to repave the side parking lot and the rear driveway at Sanborn Elementary School.

Sanborn Elementary ADA accessible ramp to rear field – Funds are requested to construct an ADA compliant ramp to access the rear field.

Sanborn Elementary new playground – Funds will be requested to construct a new ADA compliant playground at the school.

Sanborn Elementary walkways replacement – Funds will be requested to replace the remaining concrete walkways at Sanborn Elementary school.

School-wide code compliance – Funds will be requested to remedy code compliance issues in Andover school buildings by installing, or making necessary improvements to sprinkler systems district wide.

School-wide paving of roadways and parking lots – Funds will be requested to improve or replace crumbling or otherwise failing pavement surfaces throughout the district.

South Elementary installation of air conditioning – Funds will be requested to install air conditioning throughout the school. FY2020 funds were for design and engineering for this project.

South Elementary School paving – Funds will be requested for site renovations. This was identified in the school wide master plan that was completed in 2012. The existing sidewalk, driveways, and parking lots have numerous deficiencies, including, but not limited to; broken pavement, curbing and walkways. A portion of this project was completed in FY16, with the reconstruction of the playground, pavement and the addition of a rear access road to accommodate parent pick up and drop off. This CIP request reflects this previous work.

West Middle kitchen floor replacement – Funds will be requested to replace the kitchen floor in the West Middle School kitchen. Drainage will need to be improved, including relocation of some drains and the addition of others. Due to new plumbing codes, existing drains and grease traps will need to be upgraded.

West Middle School air conditioning – Funds will be requested to design and engineer, then install, air conditioning throughout West Middle School. This would be a two-phase project, with initial funding for design and engineering, followed by construction two years later to allow adequate time for the design phase.

West Middle School main office renovation – Funds are requested to design a renovation of the West Middle school office. This would be a two-phase project, followed by construction two years later to allow adequate time for the design phase. HVAC improvements will be included in this project.

West Middle School porous pavement – Funds will be requested to replace the porous pavement fire road.

Wood Hill/High Plain playground surfacing replacement – Funds are requested for design to replace the pour-in-place rubber surfacing at all the Wood Hill Middle and High Plain Elementary school playgrounds.

Wood Hill/High Plain playground – Funds will be requested to replace and expand the artificial turf area of the playground at Wood Hill Middle/High Plain Elementary.

Town Manager’s Recommendation:

Fiscal Year	Dept. Request	Town Manager’s Recommendation
2023	\$2,825,000	
2024	\$2,200,000	
2025	\$31,250,000	
2026	\$1,525,000	
2027	\$600,000	

**TOWN OF ANDOVER
CAPITAL IMPROVEMENT PROGRAM FY2023 – FY2027**

PROJECT REQUEST: *Town / School Energy Initiatives*

FAC-7

Department Priority Ranking: 1
(1 = highest, 2 = next highest, etc.)

TM's Rec. for FY23: \$
Original Dept. Request: \$975,000
Submitted by: Janet Nicosia, Director
Department: Department of Facilities
Funding Sources: General Fund Borrowing
FY22 Dept. Request for FY23: \$715,000

Project Description:

Town	Priority	FY2023	FY2024	FY2025	FY2026	FY2027
Memorial Hall Library LED chandeliers for atrium		\$120,000				
Memorial Hall Library, replace chiller with more efficient unit			\$175,000			
Public Safety Center - LED retrofit				\$95,000	\$95,000	
Total Town		\$120,000	\$175,000	\$95,000	\$95,000	\$0

Schools	Priority	FY2023	FY2024	FY2025	FY2026	FY2027
AHS Collins Center - Install New Roof Top Units			\$500,000			
AHS Collins Center - Design and install standalone heating system						\$580,000
Andover High School transformers replacement				\$100,000		
Doherty Middle School - Window replacements, Phase 1 & 2 (Green Repair-Phase 1 only)		\$350,000	\$350,000			
Doherty Middle School - Convert auditorium lighting to LED technology		\$115,000				
Doherty Middle School - Upgrade Gym ventilation		\$300,000				
Sanborn School - Retrofit classroom lighting to LED		\$90,000	\$90,000			
West Middle - Retrofit lighting to LED				\$90,000	\$90,000	
Wood Hill/High Plain stage lighting retrofit				\$100,000		

Wood Hill/High Plain replace boilers					\$550,000	
Total Schools		\$855,000	\$940,000	\$290,000	\$640,000	\$580,000

Total Combined		\$975,000	\$1,115,000	\$385,000	\$735,000	\$580,000
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Project Justification and Purpose:

Memorial Hall Library LED lighting – Funds are requested to install energy efficient LED technology chandeliers in the atrium at Memorial Hall Library.

Memorial Hall Library air conditioning – Funds will be requested to replace the chiller at Memorial Hall Library with a more energy efficient unit.

Public Safety Center LED lighting – Funds will be requested to retrofit the lighting in the Public Safety Center with more energy efficient LED technology.

Andover High School Collins Center installation of new roof top units – Funds are requested to replace the roof top units at the Collins Center. The units are more than 20 years old and it is expected that we will be able to receive utility incentives to retrofit them with higher efficiency units.

Andover High School Collins Center standalone heating system – Funds will be requested to design and install a standalone heating system for the Collins Center for the Performing Arts.

Andover High School transformers replacement – Funds are requested to replace the transformers throughout Andover High School.

Doherty Middle School window replacements – Funds are requested for phase one of a two phased window replacement project for Doherty Middle School. Under the Green Repair program, the Town may be eligible for

Doherty Middle School auditorium lighting conversion to LED – Funds are requested to convert the auditorium lighting to more efficient LED technology.

Doherty Middle School gymnasium ventilation and exhaust– Funds are requested to replace a 40 year old fan with a more powerful and variable speed fan, which will be linked to the energy management system and will use the CO2 sensor to maintain sufficient ventilation. Gyms are used intermittently and there is energy savings when sensors are added to detect occupancy and air quality.

Sanborn School retrofit classroom lighting to LED - Funds are requested to retrofit the classrooms to more efficient LED fixtures with controls. The current fluorescent fixtures cast dim and uneven lighting. Fluorescent tube lights are being phased out due to their harsh pulse light and because they require hazardous materials recycling due to the mercury used in their manufacturing. The new lights will also be fit with occupancy sensing so that lights will shut off when areas are unoccupied.

West Middle School LED lighting – Funds will be requested to retrofit the current lighting at West Middle School with energy efficient LED fixtures. The new fixtures will be fit with occupancy sensing so that lights will shut off when areas are unoccupied.

Wood Hill/High Plain stage lighting retrofit – Funds will be requested to retrofit the stage lighting in the Wood Hill/High Plain auditorium to energy efficient LED technology.

Wood Hill/High Plain boilers replacements – Funds will be requested to replace the boilers at Wood Hill/High Plain with high efficiency boilers.

NOTE: Andover Energy Division may apply for grants and/or incentives to fund the cost, or reduce the cost, of some of the projects identified above.

Estimated Annual Operating or Maintenance Cost or Savings: Reduction in O&M cost

Town Manager's Recommendation:

Fiscal Year	Dept. Request	Town Manager Recommendation
2023	\$975,000	
2024	\$1,115,000	
2025	\$385,000	
2026	\$735,000	
2027	\$580,000	

FY21 ANDOVER PUBLIC SCHOOLS

GRANTS and CONTRIBUTIONS

SCHOOL	DONATOR	AMOUNT
AHS	TRUSTEES OF PUNCHARD FREE SCHOOL for Hailstorm Project	\$1218.21
WMS	ANDONA for Classroom Library	\$2,000