

•Project Title: EIFS Wall Replacement Project

2023-111

•Cost FY24: \$400,000    Potential Funding Sources: General Fund Bond Issue

- **Project Description** - A wall section in the Barnstable High School Cobb Astro Park has experienced leaks and de-bonded exterior insulation finish system (EIFS). This project will consist of demolition and replacement of the existing wall section EIFS, sheathing, and metal stud framing. The replacement will consist of Phenolic Rainscreen panels.
  - **Phenolic panels** - Are a flat panel based on thermosetting resins, homogenously reinforced with wood fibers and manufactured under high pressure and temperature. Using special techniques, the panels have an integrated, decorative surface with pigmented resins. The resultant properties make the product particularly suitable for a wide range of exterior applications. Phenolic panels are resistant to weather and sun and because it is closed pore, it does not attract dirt. Cleaning is easy and inexpensive.
- This appropriation will also fund the investigation and assessment of the existing conditions at all remaining locations with EIFS at Barnstable High School.



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- Cost FY24: \$400,000    Potential Funding Sources: General Fund Bond Issue

- **Project Justification** – The leaks and de-bonding have caused extreme deterioration of the sheathing and studs framing. There has been a temporary repair made in order to make the existing condition safe. However, the existing conditions require replacement as a permanent solution.





•Project Title: District Wide Door and Window Replacement 2023-112

•Cost FY24: \$1,000,000 Potential Funding Sources: General Fund Bond Issue

- **Project Description** – This is a continuation of the appropriation from FY23 to replace windows that have increasingly become inoperable. Many of these windows have been secured closed due to safety concerns. The current windows and doors are drafty and damp and will be replaced with energy efficient units.
  - New doors will be integrated with BPS RFID entry system. This allows the schools to be more secure on a day-to-day basis.
  - Main Entrance Doors will be upgraded to include redundancy through a locked vestibule. The current system allows a visitor to be buzzed into the building and then screened at the front desk. The new system will secure the interior doors and the screening system to be in the locked vestibule, allowing visitors to be screened before they are given access to the building.
  
- **Project Justification** – The existing doors and windows are becoming a safety and security concern. With continuous maintenance needed to ensure normal operation and safe conditions.



- Project Title: DPS Campus Wide Paving and Sidewalk Repair 2023-113

- Cost FY24: \$350,000 Potential Funding Sources: General Fund Reserves

- **Project Description** - Re-surface parking lots and repair sidewalks as needed. Many of the existing sidewalks have degraded over time, causing holes and heaves.
- **Project Justification** – Safety and Maintenance. Many of the existing parking lots and sidewalks have degraded over time, causing holes and potential hazards.
  - These locations will continue to deteriorate causing the hazard to increase until properly repaired.





•Project Title: Barnstable High School Culinary Arts Kitchen 2023-114

•Cost FY24: \$500,000 Potential Funding Sources: General Fund Bond Issue

- **Project Description:** Design and installation of a full service commercial/culinary arts type kitchen at the Barnstable High School. The project would include HVAC, commercial exhaust, equipment and all necessary infrastructure to support a Culinary Arts/Massachusetts Skills Capital Grant Program.
- **Project Justification:** Addition of this facility would provide the necessary teaching space to prepare students who are interested in pursuing a career in the food service industry. Barnstable public schools has already received a matching grant for \$50,000 for equipment and design. Additionally, BHS has applied for additional grant funding for this project with the potential of up to \$500,000 for equipment.
  - The existing space is not code compliant (gas fired stoves without exhaust hoods).
  - Existing program can only accommodate 100 students.
  - 80-100 students waiting list per year.
  - Advisory board with the community
  - Internships in the community
  - Articulation credit with Cape Cod Community College

•Project Title: Campus Wide Mechanical Upgrades ( Burners, Boilers, HVAC & Pump Systems )

2023-115

•Cost FY24: \$250,000    Potential Funding Sources: General Fund Reserves

- **Project Description:** District Wide Boiler, Burners and Pump Upgrades.
- **Project Justification:** Much of our existing equipment is over 30 years old and requires replacement and or upgrades.
  - Denial or postponement of this project could result in heating system failure with the possibility of facility damage due to frozen pipes, etc.
  - BWB, Centerville, and Hyannis West all have boilers that are over 50 years old.



•Project Title: Knight Hall Chiller / PAC Chiller

2023-116

•Cost FY24: \$250,000    Potential Funding Sources: General Fund Reserves

- **Project Description:** Replacement of the Knight Hall chiller is scheduled for FY24 and Performing Art Center Chiller for FY27.
- **Project Justification:** The Knight Hall Chiller is no longer operational leaving the space without proper cooling until replaced.
  - This space becomes extremely warm during class in the late spring and early fall.





•Project Title: Sports Fields Upgrades, Phase II

2023-117

•Cost FY24: \$1,000,000    Potential Funding Sources: General Fund Reserves

- **Project Description:** This project is a continuation of a three phase plan to improve the athletic playing fields at Barnstable High School ( BHS ). The FY 24 appropriation would be used for the engineering and planning segment of Phase 2 Field Improvements. This phase includes improvement to the varsity softball field. The work would consist of leveling/grading/reorientation of current field and improvements to natural turf surfaces and irrigation system.
  - Reorientation of the field would allow softball to utilize the support buildings constructed during Phase I.
  - Value Engineering: Natural Grass vs Artificial Turf
  
- **Project Justification:** Softball is the only outdoor sports team that has not had an upgrade to their playing fields thus far.
  - Upgrades to our sports facilities will bring the playing areas to Division I standards proving safer conditions while attracting student athletes and pay for play sports organizations.



- Project Title: Sports Fields Upgrades, Phase II

2023-117

- Cost FY24: \$1,000,000    Potential Funding Sources: General Fund Reserves





•Project Title: West Villages Elementary Carpet Removal 2023-118

•Cost FY24: \$750,000    Potential Funding Sources: General Fund Reserves and Transfers from existing projects.

- **Project Description:** Removal of all carpeting through the school and replace with a resilient flooring system.
  - Options: Rubber, Terrazzo, or Luxury Vinyl Planks.
    - All options would eliminate the need for annual stripping and waxing. This would save both on material and labor. The majority of the summer weeks are spent stripping and waxing the floors.
  
- **Project Justification:** This is our only school remaining with carpet in every classroom. These carpets are original to the building and becoming more and more difficult to maintain. Removal of carpets will improve the Indoor Air Quality of the entire school.

➤ **Transfers:**

Project	Original Appropriation	Balance
2019-101	\$450,000	\$441,549.50
2019-102	\$250,000	\$239,605.55
<b>Total</b>	<b>\$750,000</b>	<b>\$681,156.05</b>
<b>Reserves</b>		<b>\$ 68,843.95</b>