

BOARD OF EDUCATION
FACILITIES STANDING COMMITTEE

Tuesday, December 14, 2021 (VIRTUAL)
6:00 p.m.

MINUTES

I. Call to Order

Committee Chairperson Richard Lavariere called the meeting of the Facilities Standing Committee of the Newington Board of Education to order at 6:05 pm.

II. Roll Call

Board of Education Facilities Standing Committee members present at the meeting were Richard Lavariere, Committee Chairperson and Danielle Drozd.

Committee Member(s) Absent: Sam Sharma

Additional Board Members Present: Amy Perrotti, Anastasia Yopp

Administrators present at the meeting were Dr. Maureen Brummett and Lou Jachimowicz

III. Public Participation

None

IV. New Business

The committee discussed the Capital Improvement Plan for 2022-2027. The committee recommended the CIP plan move forward and be reviewed by the full Board.

The Committee requested a report of costs on the care and upkeep of a turf field in comparison to grass fields we currently have. (Report Attached)

The Committee requested the status of the Chromebook insurance account. (Report Attached)

The Committee requested an alternate plan for the Board's CIP account for 2021-2022. (Report Attached)

V. Public Participation

None

VI. Adjournment

Danielle Drozd moved to adjourn the meeting.

Richard Lavariere seconded the motion.

Motion passed unanimously

The meeting was adjourned at 7:21 p.m.

DATE: December 15, 2021
TO: Dr. Maureen Brummett, Superintendent of Schools
FROM: Craig Holland, Director of Information Technology
SUBJECT: **QUESTIONS REGARDING CIP FOR TECHNOLOGY**

Which grade levels are being recommended for replacement for next year

- The Chromebooks for the coming year will be for Grade K, 5 and 9.
- Due to the extreme delays in manufacturing and shipping due to COVID, these devices were strategically purchased with end of year funds from the 2020-2021 school year to ensure they arrive in time for the start of the 2022-2023 school year.
- At this time, the replacement has a \$0 impact on the current budget request.

What is the balance in our self-insured fund?

- This fund is designed to supplement the operational expenses of the Chromebook fleet.
- The repair account has a balance of \$181,805.11.
- These funds are used periodically to replenish Chromebook parts, Chromebook carrying bags, and spare devices.

Date: December 15, 2021

Memo to: BOE Facilities Subcommittee Members

Memo from: Lou Jachimowicz
Chief Finance and Operations Officer

Subject: Turf Field and Drainage Information

At last night's Facilities Subcommittee meeting, several questions were raised about the cost of Field Turf maintenance along with drainage associated with the fields. I spoke with Bill DeMaio, Newington's Park & Recreation Director, and he provided me the following information:

1. **Grass Field Care:** The upkeep of grass playing fields includes fertilizing, mowing, watering, painting/repainting of field markers and boundaries for game needs (i.e. soccer, football, etc.), and herbicide applications if a field becomes diseased.
2. **Turf Field Care:** Twice annual full field sweep to remove all sharp objects and debris that gets lodged in the turf along with spot repairs to reseed the field turf where there is damage or splits along the seam lines.
3. **Mr. Demaio did not have a firm cost analysis to rely on during our discussion but he characterized that the annual maintenance costs for turf fields are less than for grass fields. Because of the substantial upfront cost to install a turf field, Mr. DeMaio felt that the overall cost to install and maintain a turf field would be close to cost neutral when compared to the ongoing costs to maintain a grass field. This would be a consideration in any decision regarding field turf installation.**
4. **The major benefit field turf offers is extended playability. At this time, NHS schedules approximately 15 games per year during the fall season at Alumni Stadium between Football and Boys/Girls Soccer. The schedule is limited because the fields needs at least a few days each week between events to become game ready again. This is not the case with turf fields. Games and practices can be scheduled on turf fields 7 x 24 if desired. There is no down time required during key sport seasons to rest the field.**
5. **A secondary benefit of a turf field would be the diminished demands on secondary fields (i.e. JV/Freshman/Practice football fields. The turf field could pick up some of this load with reduced maintenance needed on the grass fields.**
6. **An additional benefit of a turf field is an extended playing/practice season. Especially in early spring, when grass fields are not ready for play, a turf field is ready for use as soon as snow is cleared. Currently, Clem Lemiere field is used by NHS baseball, softball, and lacrosse in March and early April prior to the grass fields being ready for play.**

Field Drainage:

I reviewed the architectural drawings this morning to determine the drainage set up at both Alumni Field as well as at the four soccer fields along Veterans Drive. Pertinent information is as follows:

At the Veteran's Drive soccer complex, a series of yard drains runs end to end between the four soccer fields with an additional run of drains along the fence line between field # 1 and the student parking lot. There are also multiple yard drains along the south side of the fields. There are also two yard drains on the north side of the fields which serve the same purpose. The grading plan is designed to direct water to the drains. The entire area for the four soccer fields also has a natural slope which facilitates surface drainage for these fields (Plan Ref: HS-22 / L-4).

At Alumni Field, the football field has a series of yard drains that go around the entire field. These are just inside the running track that circles the field. The field is also crowned (north to south in the center of the field) to provide better natural surface drainage that brings rainwater to the yard drain system (Plan Ref: HS-67 / L-1).

IF a turf field is installed, Mr. DeMaio also described that a "Herringbone" type of drainage system with curtain drains around the perimeter of the field could be done. This would allow the field to shed a tremendous amount of water in a short amount of time to maintain playability even in adverse conditions.

**PROJECTED USE OF THE PUBLIC SCHOOL CIP RESERVE FUND
For Fiscal 2021-22 (Revised)**

Project Title	2021-22 *Initial	Notes	2021-22 *Revised	Notes
Athletic Improvements	\$25,000	T/B/D	\$10,000	Partial Deferral for 2021-22
District-Wide Lavatory Improvements	\$25,000	T/B/D	\$0	Deferred for 2021-22
District-Wide HVAC Upgrades	\$50,000	T/B/D	\$50,000	Failed Equipment Replacement
District-Wide Carpet/Floor Replacement	\$50,000	Typical Replacement List	\$20,000	Typical Replacement List
District-Wide Furniture Upgrades	\$25,000	Typical Replacement List	\$0	Deferred for 2021-22
District-Wide Painting	\$50,000	Typical Replacement List	\$20,000	Typical Replacement List
District-Wide Playground Renovations	\$50,000	Typical Maintenance	\$10,000	Possible Rubber Surface Replacement – Partial Deferral for 2021-22
District-Wide Security & Safety	\$100,000	Security Vestibule – JP or RC	\$100,000	Security Vestibule – JP or RC
District-Wide Technology Infrastructure	\$0	T/B/D	\$50,000	Next Generation Teaching Walls, True Infrastructure
District-Wide Lighting Improvements	\$15,000	T/B/D	\$0	Deferred for 2021-22
John Paterson Windows + PCB/Asbestos	\$200,000	Phase 1 of Multi-Phase Project	\$40,000	Phase 1 of Multi-Phase Project - Partial Deferral for 2021-22
District-Wide Roof Replacements	\$200,000	NHS Art/STEM	\$200,000	NHS Art/STEM
District-Wide Corridor/Exterior Doors	\$25,000	T/B/D	\$0	Deferred for 2021-22
District-Wide Building Systems & Controls	\$25,000	T/B/D	\$0	Deferred for 2021-22
District-Wide Environmental Services	\$55,000	T/B/D - Abatement	\$0	Deferred for 2021-22
District-Wide Sidewalks & Concrete	\$25,000	T/B/D	\$0	Deferred for 2021-22
District-Wide Electrical Infrastructure	\$25,000	T/B/D	\$0	Deferred for 2021-22
District-Wide Blacktop/Paving	\$65,000	JP Rear Parking Lot	\$200,000	JP Rear Parking Lot – Expanded Scope – Also Possible JW Work
Track/Tennis/Basketball Surface Restoration	\$100,000	NHS Track	\$100,000	NHS Track
District-Wide Vehicles	\$40,000	Maintenance Vehicle	\$350,000	Maintenance Vehicle and 3 School Buses
TOTAL	\$1,150,000		\$1,150,000	

Possible Project Reallocations:

Additional HVAC Upgrades; Painting; Carpeting; Electrical Upgrades; Security Device Replacements, Elementary Playscapes
All Amounts are Preliminary Estimates - Shaded Boxes Indicate Amounts that are Either Fully or Partially Expended.

**PROJECTED USE OF THE PUBLIC SCHOOL CIP RESERVE FUND
For Fiscal 2021-22 (Revised)**

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Athletic Improvements	\$25,000	T/B/D	\$25,000	T/B/D
District-Wide Lavatory Improvements	\$25,000	T/B/D	\$25,000	T/B/D
District-Wide HVAC Upgrades	\$50,000	T/B/D	\$50,000	Failed Equipment Replacement
District-Wide Carpet/Floor Replacement	\$50,000	Typical Replacement List	\$20,000	Typical Replacement List
District-Wide Furniture Upgrades	\$25,000	Typical Replacement List	\$20,000	Typical Replacement List
District-Wide Painting	\$50,000	Typical Replacement List	\$20,000	Typical Replacement List
District-Wide Playground Renovations	\$50,000	Typical Maintenance	\$50,000	Possible Rubber Surface Replacement
District-Wide Security & Safety	\$100,000	Security Vestibule – JP or RC	\$100,000	Security Vestibule – JP or RC
District-Wide Technology Infrastructure	\$0	T/B/D	\$50,000	Next Generation Teaching Walls, True Infrastructure
District-Wide Lighting Improvements	\$15,000	T/B/D	\$15,000	T/B/D
John Paterson Windows + PCB/Asbestos	\$200,000	Phase 1 of Multi-Phase Project	\$60,000	Phase 1 of Multi-Phase Project – Possible Deferral
District-Wide Roof Replacements	\$200,000	NHS Art/STEM	\$200,000	NHS Art/STEM
District-Wide Corridor/Exterior Doors	\$25,000	T/B/D	\$25,000	Possible Door Sets at NHS
District-Wide Building Systems & Controls	\$25,000	T/B/D	\$50,000	Expansion of EMS Systems - DW
District-Wide Environmental Services	\$55,000	T/B/D - Abatement	\$25,000	T/B/D - Abatement
District-Wide Sidewalks & Concrete	\$25,000	T/B/D	\$25,000	T/B/D
District-Wide Electrical Infrastructure	\$25,000	T/B/D	\$40,000	Possible Work at JP Parking Lot
District-Wide Blacktop/Paving	\$65,000	JP Rear Parking Lot	\$200,000	JP Rear Parking Lot – Expanded Scope – Also Possible JW Work
Track/Tennis/Basketball Surface Restoration	\$100,000	NHS Track	\$100,000	NHS Track
District-Wide Vehicles	\$40,000	Maintenance Vehicle	\$50,000	Maintenance Vehicle
TOTAL	\$1,150,000		\$1,150,000	

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The Timing of Certain Projects May Change. Projects May Move Back/Move Ahead as Needed.