POTENTIAL FACILITIES IMPROVEMENT PROJECT

(Overview of Capital Needs)

Presentation to the Bethlehem Central School District Board of Education

Wednesday, May 19, 2021
Our mission...

TO EDUCATE AND PREPARE ALL STUDENTS TO REACH THEIR POTENTIAL, DISCOVER THEIR PURPOSE, AND BE ENGAGED COMMUNITY MEMBERS.
RECAP OF
March 3, 2021
April 21, 2021
MEETINGS

● 5-year facilities plan updated Feb. 2021, total of $46.7M

● District/Architect team has identified a “short list” of ~$35M (169 separate elements of work)

● Info requested by the Board to be presented tonight, 5/19/21
PROJECT FUNDING

- NYS Building Aid at approx. 70% of eligible costs
- Capital Reserves will reduce amount of bonded indebtedness by about $15M-$17M
- Budget Neutral: Debt service costs fully offset by building aid, due to significant use of reserves
BREAKDOWN OF PROPOSED PROJECTS

Total by Building

Transportation and O & M $1,175,051
3.3%
Hamagrael Elementary $4,411,534
12.3%
Eagle Elementary $545,148
1.5%
Glenmont Elementary $2,474,928
6.9%
Slingerlands Elementary $2,335,117
6.5%
Elsmere Elementary $729,296
2.0%
Middle School $9,316,144
25.9%

TOTAL $35,910,940

High School $14,923,722
41.6%
ADDITIONAL INFORMATION IN RESPONSE TO QUESTIONS FROM THE APRIL 21, 2021 BOE MEETING

Synthetic turf and MS tech classrooms
PROPOSED LOCATION SYNTHETIC TURF FIELD
PROPOSED PROJECT TURF FIELD

- Replace Grass Field #2 with Synthetic Turf
- Includes drainage, bleachers, lights, scoreboard, flag pole, small concession area, press box/storage area, mid curtain, safety control netting and a perimeter fence, better ADA accessibility
- Would be used for Physical Education classes and Athletic practices and games
SYNTHETIC TURF 101

General Construction of a Synthetic Turf Field
SYNTHETIC TURF 101

1. Synthetic Turf Fields and the rubber infill are warranted for 12 years and last approximately 15 years with proper maintenance.

2. The rubber fill can be washed and reused many times.

3. General cost to replace artificial turf carpet = $750,000-$950,000.

4. Synthetic turf carpet & rubber fill is NOT hazardous or regulated waste. Disposal cost is around $125,000 - $150,000.
SYNTHETIC TURF 101
TYPES OF FILL MATERIAL & COST

1. **Standard Fill Material** (Field complex size is ~ 100,000 sq ft)
   a. SBR (most common) - $5.00/sq ft

2. **Alternative Fill Material** (additional cost compared to SBR)
   a. EDPM - $1/sq ft
   b. Enviro fill & pad - $2.25/sq ft
   c. Brock fill & pad - $1.75/sq ft
   d. Cork (not suitable for northeast region)
Federal/state agencies have power to regulate fields, and have not issued prohibitions or cautions. No known definitive research that today’s generation of synthetic fields pose health concerns (i.e. PFAs or Carcinogens)

A 2008 NYS Department of Health report concluded that organic compounds emitted (off gassed) from synthetic turf or the infill material do not pose an inhalation or dermal absorption health concern for athletes or other users.

Source:
A 2008 NYS Department of Health report concluded that there were no major differences in overall injury rates between natural and synthetic turf.

SYNTHETIC TURF VS GRASS COST SAVINGS

- Labor and material savings from no mowing, trimming, seeding, fertilizing, pest control, field marking or watering
BCMS PROJECT TECH CLASSROOMS

- Renovate 3 classrooms (old computer labs)
- Create high tech learning environment with interactive whiteboards and 3D Printer
- Provide flexible furniture & room divider
- New classrooms would house the 6th grade Computer Literacy Program and Engineering Basics I & II
- Provide the possibility of expansion of the Digital Literacy Program
PROJECT TIMELINE

- March 3, 2021 – BOE Introduction of anticipated bond scope, cost and schedule
- May-July 2021 – Refine Scope/Costs, Public Presentations/Outreach
- August 11, 2021 - BOE Bond Resolutions & SEQRA & Final Scope/Cost
- September 28, 2021 – Bond Referendum Vote (45 day notice after BOE resolution)
- May 2022 - Project design completed
- June 2022 - Feb 2023 - SED Review and Approval (~ 9 months)
- Feb 2023 - March 2023 - Bidding completed and contracts awarded (~ 2 months).
- April 2023 - December 2024 - Construction Phase
PROJECT INFORMATION

- Regular updates will be available on the district website at [bethlehemschools.org](http://bethlehemschools.org)

NEXT STEPS

● Additional information desired by the Board?

● Plan for moving ahead:
  ○ Stakeholder groups being used to review key project elements
  ○ Continued public discussion with Board until project defined
  ○ More communication with public and solicit feedback
  ○ Project approval by Board at August meeting
  ○ Community vote end of September