

Belmont Middle and High School Building Project Update

SELECT BOARD MEETING

AUGUST 28, 2023

BMHS Project Nearing Completion

- \$295m Belmont Middle and High School Building Project approved by Belmont voters in 2018 debt exclusion
 - \$79.4m in funding support from State through MSBA
- Project completed on time
 - High School (9-12) phase opened September 2021 (despite pandemic challenges)
 - Middle School (7-8) phase opening next week, September 6th (ribbon cutting ceremony 8:30 AM)
- Project completed within taxpayer budget approved in 2018
 - Supported by \$1.6m in federal relief funds to cover a portion of unexpected COVID expenses
 - Elimination of proposed field improvements west of Harris Field to compensate for balance of COVID expenses
- Next steps....
 - Punch list completion and project wrap-up with construction manager and design team
 - Installing and energizing roof solar panels
 - MSBA final audit and final grant payment of approximately \$4m (expected in 2025)

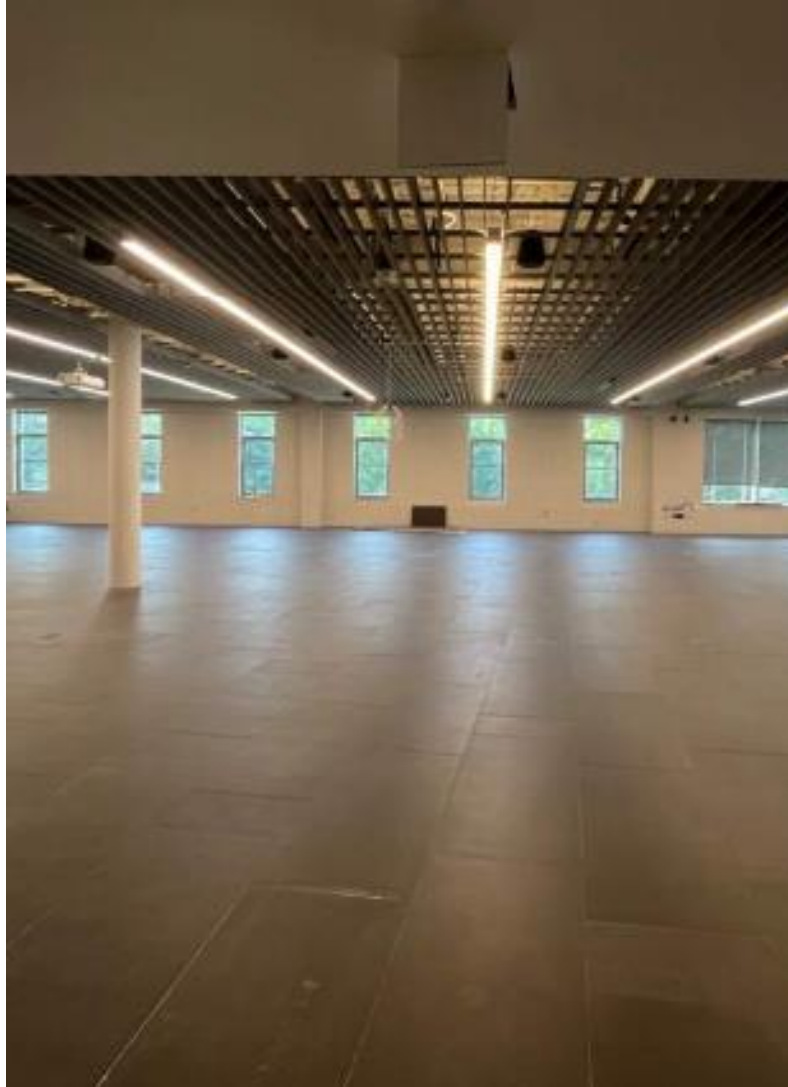
Rooftop Solar Panel Installation Progress

- Commitment from Building Committee from “Day 1” to maximize coverage of BMHS new flat roof with solar panels to help meet ZNE goal
- Managing through recent panel installation challenges and incremental costs associated with high wind loads at roof and connection to Belmont Light grid network
 - Requiring mechanical attachment of some panels to roof
 - Adding new transformer switching equipment
 - Incremental costs absorbed by project contingency budget
- PV panel installation currently underway
 - Completion expected in November 2023
- Energizing system anticipated in January 2024
 - Requires building electrical shut down and new transformer equipment installation
 - Working in collaboration with Belmont Light to expedite schedule
- BMHS roof solar panels to provide meaningful progress toward Climate Action Plan goals
 - 100% of BMHS roof covered in solar panels generating 1.25mW of annual electrical production
 - Generation expected to provide approximately 1/3 of annual electrical energy demands of building
 - Project anticipated to achieve ZNE Class D certification

Middle and High School Entrances



Middle School Classroom, Cafeteria, Stair



New Athletic Fields and Parking



Renovated Pool



New Auditorium



Solar Panel Installation



Rooftop Solar Layout

