BHS ReEnvisioning

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BHS ReEnvisioning Town Hall

October 23, 2018
“Shall the legal voters of the city authorize the city council to pledge its full faith and credit by the issuance of its general obligation orders, warrants, notes or bonds in an amount not to exceed $70 million for the purpose of making capital improvements to the existing Burlington High School property, including both new construction and rehabilitation of facilities?”
Past Public Engagement - Historical

- (2008) Educational Planning Study completed by Educational Planner Frank Locker which included extensive input from BHS staff and community revealed the need for redevelopment of the facility to provide better instruction to students.

- (2013) Black River Design was awarded an architectural contract to redesign BHS/BTC

- (2014) Design input received from teachers, students, administrators, school board, parents, and community members

- (2015) Facility Condition Assessment reveals BHS would need over $30 million investment just for deferred maintenance Ten Year Capital Needs

- (2016) Two building project options rose to the top
  - Build New
  - Partial Demolition with Renovation and Expansion

- (2017) BHS ReEnvisioning Committee was formed and tasked to gain community input.

- (2018) Community engagement, including tours, and Owner Project Requirements (OPR) report.

- August 21, 2018- Board Motion approved $70 million bond question
Why Do We Need a New Building

• Unreasonable circulation routes campus wide with excessive travel times.
• Does not meet accessibility standards for people with limited mobility. Out of compliance.
• Aging and outdated learning spaces.
• Crumbling infrastructure.
• Inefficient insulation and windows.
• Non-secure grounds and excessive number of building entrances.
• Prohibits ability to follow current safety measures (Lock Down).
• Outdated technology infrastructure.
Needs Identified by Staff and Community

• Provide athletic support spaces & PE/community athletic facilities
• Provide additional stage support space
• Provide informal student gathering spaces
• Classroom design to inspire collaboration that are unique, creative learning environments
• Occupant temperature controls
• High performance design

• Reduce travel paths/condense instructional areas for all students
• Safe and secure entry points
• 9th grade academies
• Additional Conference room space
• Enlarge cafeteria space
• Create new image/dedicated grand entrance
• Natural lighting
• Up to date technology
Project Design Priorities

- Accessibility and ADA compliance/enhancements.
- Consolidation of classroom instruction, student support and departmental spaces.
- Creation of maker spaces conducive for new technologies.
- Addresses identified deferred maintenance.
- New windows, roof and insulation to improve energy efficiency and reduce future costs.
- Upgraded systems including HVAC/AC, LED lighting and stormwater management.
- Enhanced building safety and security.
- New fire safety automatic sprinkler system installed.
- Meets criteria of a Collaborative High Performance School “CHPS”. BHS would become the first public school in the state to achieve this certification.
1. Construction of 115,000 sf of new space which wraps around the existing “A” building and ties into the existing B & F buildings.

2. Renovate 165,000 sf of existing building throughout buildings A, B & F.

3. Total 280,000 sf of renovations and new construction.

4. Demolish C & D buildings. Demolish E building or repurpose (at additional future cost) for future district programming.
Proposed Addition & Site Improvements
Proposed Building and Site Concept
Take a Video Tour of the Conceptual Front Entrance & Lobby

Click the box to see the newest concept video!

Main Street BHS
1st Floor Plan
3rd Floor Plans
4th Floor Plans
5th Floor Plans
Typical New Classroom Design
Flexible Design

Habitable Hallways

- Surveillance system
- Card reader access control
- Breakout benches
- Display space
- Security blinds
- Seminar room
- Natural daylight
- Charging stations
- Security blinds
- Writing wall
- Wifi enabled digital screen
- Seminar rooms for small groups
# Project Cost Breakdown

## Burlington High School, Burlington, Vermont

**Preliminary Square Foot Cost Analysis**

August 22, 2018

<table>
<thead>
<tr>
<th>RENOVATION/ADDITION PLAN</th>
<th>SF</th>
<th>Cost ($ million)</th>
<th>Cost/SF</th>
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<tbody>
<tr>
<td>New construction</td>
<td>115,000</td>
<td>$27,700,400</td>
<td>$241</td>
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<tr>
<td>Renovation A/B Buildings</td>
<td>128,000</td>
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<td>$156</td>
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<tr>
<td>Renovation F Building</td>
<td>37,000</td>
<td>$3,605,680</td>
<td>$97</td>
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<tr>
<td>General Conditions</td>
<td>280,000</td>
<td>$3,200,000</td>
<td>$11</td>
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<tr>
<td>Sitework</td>
<td>Allowance</td>
<td>$2,500,000</td>
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<tr>
<td>Demo/Deconstruction/Salvage</td>
<td>66,000</td>
<td>$750,000</td>
<td>$11</td>
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<tr>
<td><strong>Construction Subtotal</strong></td>
<td>280,000</td>
<td>$57,768,280</td>
<td>$206.32</td>
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<tr>
<td>Other project costs</td>
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<td>$12,242,000</td>
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<tr>
<td><strong>Project Total</strong></td>
<td>280,000</td>
<td>$70,010,280</td>
<td>$250.04</td>
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This is the additional impact resulting from the phase in of $70 million of bonded debt. It does not reflect the total tax bill that is a function of all school spending.

<table>
<thead>
<tr>
<th>Year</th>
<th>Property Tax Impact $250k home</th>
<th>Income Tax Impact $50k income</th>
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<tr>
<td>FY20</td>
<td>minimal</td>
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<tr>
<td>FY21</td>
<td>$17</td>
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<td>FY53</td>
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<td>$0</td>
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</tbody>
</table>
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