

Elementary School Building Project

**Tom Gauthier, Chair
Shannon Gascoyne, Vice Chair**



Amherst Schools
Built for the Future

Historical Overview

- 2018: JFAC formed with town volunteers, elected officials, & school administration
- March 2020: Voters approve \$150,000 Architect & Engineering fees as part of district budget for Amherst facilities design phase
- 2020: Lavallee Bresniger Architects and Harvey Construction hired to develop facilities options
- 2020: ASB does not move forward LBA designs to public hearing
- 2021: Banwell Architects, DEW Construction, and Tighe and Bond engineers were hired to develop facility options
- 2022: Warrant article failed for complete reno of Amherst Middle School and new construction for a consolidated Clark-Wilkins Elementary, PK-5, \$83,000,000



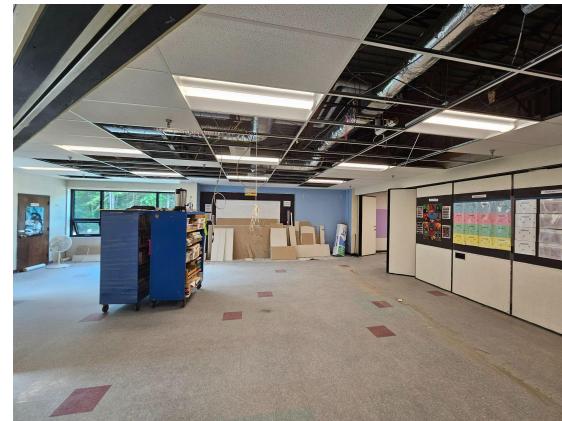
Historical Overview

- 2023: Summer, Small section of roof at AMS completed
- 2023: ASB holds hearing and votes to utilize Capital Reserve Funds for Phase II HVAC/Roof at Amherst Middle School to begin Summer '24
- 2023: Warrant article failed for new construction for a consolidated Clark-Wilkins Elementary, PK-5, \$54,250,179
- 2024: Reduced footprint, New Wilkins Elementary, 1-5, \$49,997,214 - 54% voter support at polls, 60% required to pass
- Summer 2024: Phase II HVAC/Roof at Amherst Middle School (12 classrooms) completed
- Fall 2024: Review and confirmation of design specifications, line by line analysis of General Construction, Soft Costs, Contingencies- \$52,921,828



Amherst Middle School Project

Before



Amherst Middle School Project

After



Key Considerations

➤ Community Feedback

- Community Feedback Surveys and Sessions
 - Cost & Scope
 - Concerns for future of Clark School
- Summer '23 Amherst School Board Facilities Retreat
- Designed and Fully Costed Multiple Options
 - AMS complete renovation and addition
 - Renovation/Addition at Wilkins School
 - “Build to Suit” on Wilkins Site
 - K-5 Consolidation, 1-5 Consolidation maintain Clark
 - Educational Program revisions for reduced grades (1-5) and refined

➤ Clark School Remains PK-K

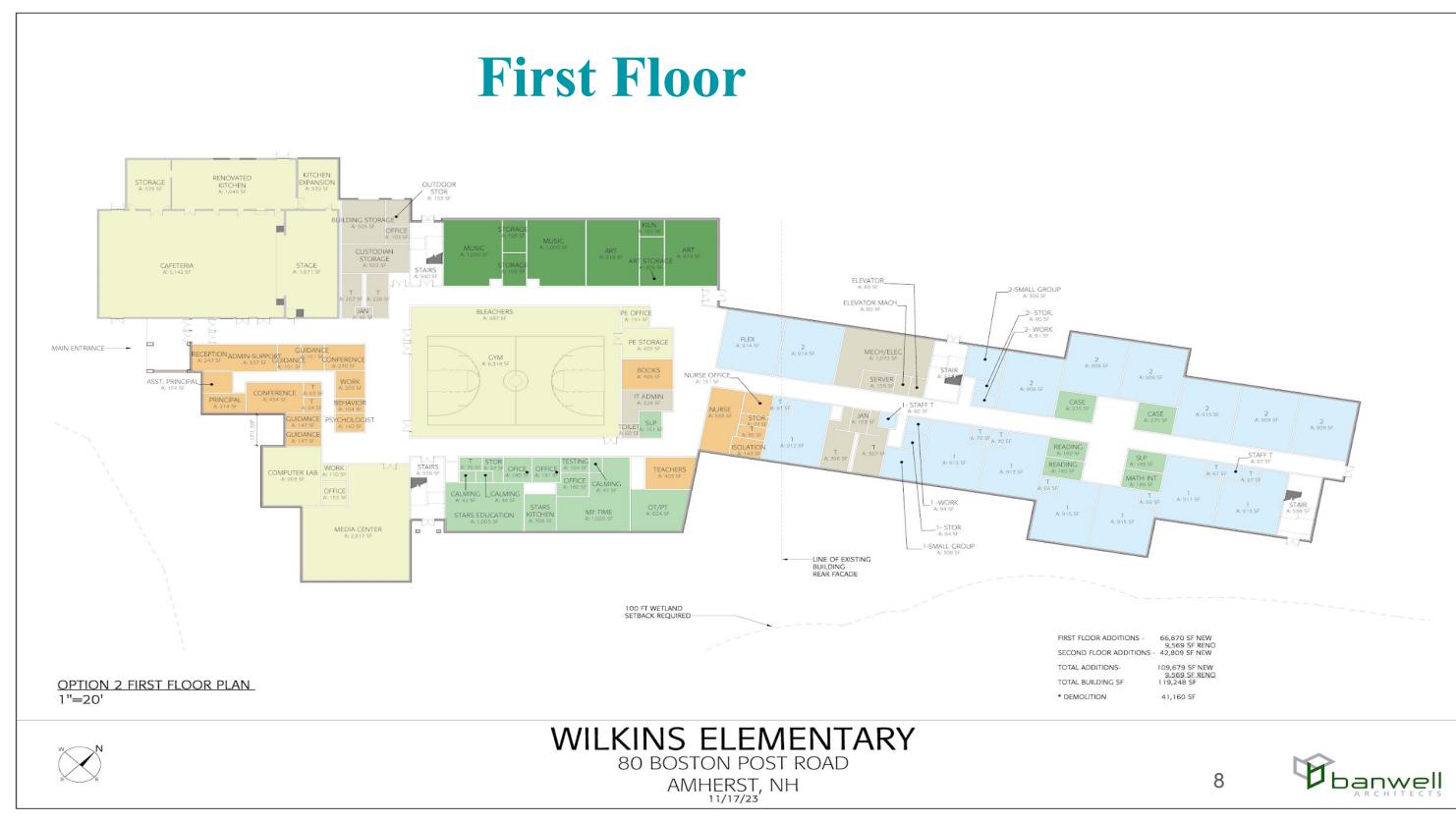
- Explored possibility of early childhood program at SHS



Conceptual Exterior Front



First Floor



Second Floor



OPTION 2- SECOND FLOOR PLAN
1"=20'

WILKINS ELEMENTARY
80 BOSTON POST ROAD
AMHERST, NH

FIRST FLOOR ADDITIONS -	66,870 SF
	9,569 SF
SECOND FLOOR ADDITIONS -	42,809 SF
TOTAL ADDITIONS-	109,679 SF
	9,569 SF
TOTAL BUILDING SF	119,248 SF
* DEMOLITION	41,160 SF



Site Plan



Anticipated Construction Schedule

- Summer 2025 - Construction Documents Design & Bidding
- Summer 2026 - Groundbreaking
- Spring/Summer 2028 - Construction Complete



11

Elementary School Building Project

Project Features *Student Experience*



12

Impact on Student Learning

- **Research and evidence based instructional strategies drive ASD**
- **Buildings impact the ability to implement great instruction**
 - Loss of instructional time
 - High noise/high distraction
 - Programming driven by the lunch schedule
 - Lack of temperature control
 - Classroom size
 - Lack of accessibility



13

Elementary School Building Project

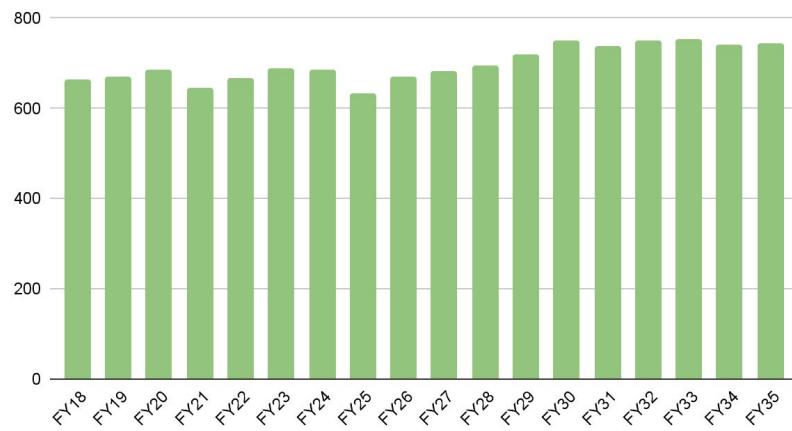
Project Features *Functional Spaces*



14

Supports Current & Future Enrollment

Enrollment Grades 1-5 Current and Projected



Conceptual General Classroom Design



16

Conceptual Art Classroom Design



17

Conceptual Individual Instruction Design



18

Conceptual Corridor Design



Conceptual Music Classroom Design



20

Conceptual Gymnasium Design



21

Elementary School Building Project

Safety & Security



22

Safety and Security

- Removes Need for Detached Portables
- Front Entrance Designed to Meet Homeland Security Emergency Management Specifications
- Enhanced Secure Exterior Doors
- Upgraded Alarm and Phone System
- Comprehensive Camera System
- Improved fire safety system (voice evacuation system) in compliance with current code



Safety and Security

- Outdated Hallway Gate
- Undersized Exit Doors
- Non-Smoke Rated Corridor Doors



Elementary School Building Project

New Systems



25

Facility Systems Review

Mechanical, Electrical, Plumbing Systems

- Energy efficient systems
- Updated equipment and better placement for improved maintenance and operations
- Meets current codes and guidelines (current systems grandfathered)
- Consistent all-season temperature control
- Improved ventilation system
- High efficiency condensing equipment
- New mechanical, electrical, plumbing systems



26

Facility Systems Review (cont.)

Mechanical, Electrical, Plumbing Systems

- Better roof drainage and storm water protection system
- New main switchboard and panels replace *end of life* (1967) equipment
- Adds an emergency generator
- Exterior emergency egress lighting at exits
- Replacing fluorescent lighting with more efficient LED fixtures
- Automatic lighting controls



27

Facility Systems Review

- Wood Shed Attached to Building
- Walls not extending up to Roof
 - Smoke Safety Issue
 - Acoustic Issue
- Wood Attic Catwalk



Facility Systems Review

- Gaps in Corridor Smoke Wall
- Non-Smoke Rated Doors and Transaction Window
- Handrails Missing



29

Facility Systems Review

- Non-ADA Toilets,
Doors, and Sinks



Elementary School Building Project

Traffic Flow



31

Wilkins Site



- Allows up to 75 cars to queue off of the road and on site during pick-up/drop-off
- Increases parking capacity for school and community events



32

Elementary School Building Project

Considerations & Comparisons



33

Elementary School Building Project

Year	2024 Proposal (FY25)	2025 Proposal (FY26)
Bond Amount	\$49,997,214	\$52,921,828
Term/Type	25 Year Level Principal	20 Year Level Debt
Interest Rate	4.0%	*3.84%
Total Cost	\$76,247,088	\$77,088,877
Square Footage	119,248	119,248
Grades	1-5	1-5
Clark School	Maintains PreK & Kindergarten	Maintains PreK & Kindergarten

55,242 sq.ft Wilkins Current Square Footage

**Estimated Interest Rate based on Jan 2025 bond sale*



34

What are the costs at Wilkins?

Status Quo

5th Grade remains at AMS
Portables Replaced

*\$34,791,647

Proposed Project

Grades 1-5

\$52,921,828

**5% escalation consistent with proposed project estimate*



35

Status Quo Projects (High Level)

Project	Timeframe	Cost
Maintenance Projects, Security Systems, Food Service Systems, Asbestos Removal, Portables	Years 1-5	\$12,068,401
Maintenance Projects, HVAC, Electrical, Fire Panel Replacement, Security Systems, Windows, Plumbing Fixture Replacement, Food Service Systems, Portables	Years 6-10	\$21,583,401
Maintenance Projects	Years 15-20	\$1,139,845
Total		\$34,791,647



Status Quo Funding Plan (*Estimate*)

Bond	Years	Principal	Interest	Total Cost
Bond #1	1-5	\$12,068,401	\$1,415,732	\$13,484,133
Bond #2	6-15	\$21,583,401	\$5,125,301	\$26,708,702
Bond #3	16-20	\$1,139,845	\$143,024	\$1,282,869
TOTAL	20	\$34,791,647	\$6,684,057	\$41,475,704



Status Quo Tax Impact (*Estimate*)

Bond *	Years	Annual Payment	Annual Tax Impact
Bond #1	1-5	\$2,696,827	\$1.12
Bond #2	6-15	\$2,670,870	\$1.11
Bond #3	16-20	256,574	\$.11

**Based on Level Debt Financing*



Status Quo Project Considerations

- Maintenance upgrades are to current structure and equipment
- Asbestos abatement would need to be phased throughout years 1 - 5
- Multiple mobilizations to complete mechanical, electrical, and plumbing upgrades construction period
- Student relocation to temporary portables needed to accommodate these upgrades
- Square footage does not change
- Additional portables/office trailer needed for space needs
- Bathrooms not ADA compliant
- 5th grades remains at AMS
- Traffic and parking remain the status quo
- No additional gym or playground space for the school/town



Elementary School Building Project

Financing



40

NH Municipal Bond Bank (NHMBB)

- Provides Tax-Exempt Financing to School Districts by pooling its borrowing with other NH local governments
- Competitive Interest Rates
- Highly Rated by Moody's (Aa2) and S&P (AA+)
- Low Cost of Issuance
- Streamlined Borrowing Process
- Offer Level Debt and Level Principal Financing Schedules
- Bonds eligible for refinancing after 10 years
 - Based on maturity date and market interest rates
 - NHMBB refunds existing bond and passes savings to borrower
 - Results in reduction in debt service payments



41

Financing Options Considered-Level Principal

Term	Year 1		Year 2		Year 3	
	Payment	Tax Impact	Payment	Tax Impact	Payment	Tax Impact
20	\$1,323,045	\$0.55	\$4,633,111	\$1.92	\$4,529,488	\$1.87
25	\$1,323,045	\$0.55	\$4,170,334	\$1.73	\$4,084,730	\$1.69
30	\$1,323,045	\$0.55	\$4,108,556	\$1.70	\$4,027,262	\$1.67



Financing Options Considered-Level Debt

Term	Year 1		Year 2		Year 3	
	Payment	Tax Impact	Payment	Tax Impact	Payment	Tax Impact
20	\$1,323,045	\$0.55	\$3,804,335	\$1.57	\$3,801,816	\$1.57
25	\$1,323,045	\$0.55	\$3,346,924	\$1.39	\$3,343,513	\$1.38
30	\$1,323,045	\$0.55	\$3,233,694	\$1.34	\$3,226,888	\$1.34



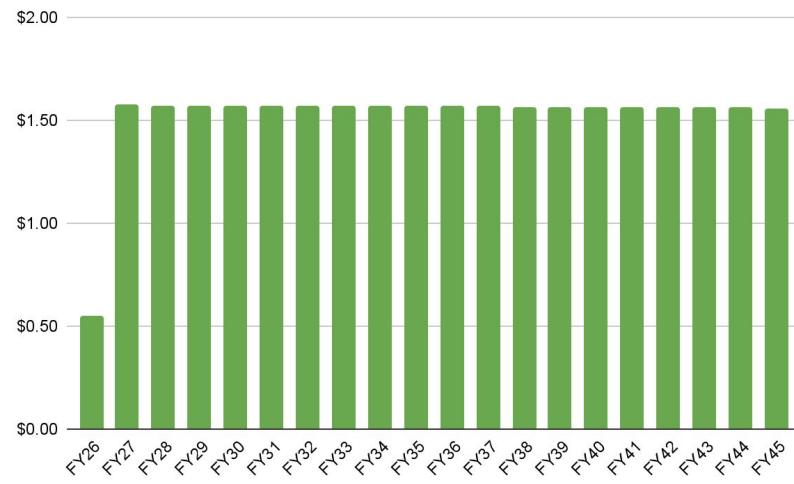
**NHMBB using 3.84% for 20-year term bonds based on most recent bond sale.*

Financing Assumptions

Bond Amount	\$52,921,828
Term	20 Years
Interest Rate *	3.84%
Payment Type	Level Debt
Total Cost	\$77,088,877



Estimated Tax Impact & Cost-20 Year Bond



45

Estimated Tax Impact & Cost-20 Year Bond

Year	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35
Est. Tax Impact	\$0.55	\$1.57	\$1.57	\$1.57	\$1.57	\$1.57	\$1.57	\$1.57	\$1.57	\$1.57
*Est. Cost/ Ave. Home	\$264	\$759	\$759	\$759	\$759	\$759	\$759	\$759	\$759	\$759

Year	FY36	FY37	FY38	FY39	FY40	FY41	FY42	FY43	FY44	FY45
Est. Tax Impact	\$1.57	\$1.57	\$1.57	\$1.57	\$1.57	\$1.57	\$1.56	\$1.56	\$1.56	\$1.56
*Est. Cost/ Ave. Home	\$759	\$759	\$759	\$759	\$759	\$759	\$752	\$752	\$752	\$752

**Average Home Value \$482,000*



46

Elementary School Building Project

Summary



47

Proposed Project Summary

➤ Functional Spaces with Classic Design

- Developmentally appropriate educational space Grades 1-5
- Space designed to meet curriculum and student needs
- Aligned tightly with current and projected enrollment
- ADA accessibility

➤ Enhanced Safety & Security

- Removes Need for Detached Portables and Office Trailer
- Front Entrance Designed to Meet Homeland Security Emergency Management Specifications
- Comprehensive Camera, Alarm, Phone, and Improved Fire Safety Systems



48

Proposed Project Summary

➤ **New Systems**

- Addresses aging, out of compliance, end of life systems with energy efficient systems
- Provides excellent indoor air quality and temperature control

➤ **Improved Traffic Flow**

- Removes up to 75 cars from Boston Post Road
- Expands parking capacity



49