



Duxbury Public Schools Building Committee Fact Sheet – January 2011

At Town Meeting and the Town Election in March, the School Building Committee (SBC) will seek voter approval for architectural and engineering fees for schematic design of a new middle school and high school. Since Town Meeting approved funding of a Feasibility Study in 2009, a study was done to assess existing conditions and provide options for addressing those conditions in both buildings. In 2010, the SBC determined a preferred option for a middle school and high school on the site of the existing middle school. The Massachusetts School Building Authority (MSBA) has invited Duxbury to collaborate in the model school program, an important step in securing reimbursement from the state for a school building project.

The goals of the school building project are to find the most cost-effective, educationally appropriate solution to:

- Meet the needs of a 21st Century educational program for the DMS and DHS communities
- Provide flexibility and functionality for educational programming, the use of technology and enrollment
- Provide and operate safe, secure, accessible, code-compliant and energy-efficient schools
- Address the aging conditions and failing systems of both DMS and DHS
- Resolve issues with the layout of DMS and DHS that impact the educational program
- Maintain distinct identities of DMS and DHS

Duxbury Middle School - grades 6-8

Built in 1960 as junior/senior high school

Addition built in 1974

Square footage: 150,220 sf

Planned operating capacity: 700 students

Current enrollment: 842

Deficiencies:

- Aged and deteriorating building and systems including boilers, mechanical, electrical, roofing, flooring, exterior windows, doors, walls, plumbing, HVAC, temperature controls
- Number, size and configuration of classrooms.
 - Layout does not support team teaching model
 - Open space has been used to add classrooms
 - Interior rooms lack windows or AC
- Overcrowded cafeteria
- Inadequate special education, OT and PT spaces
- Insufficient health, guidance and main offices
- Inadequate technology (computer and language lab) and technology education space
- Insufficient library/media center (space has been taken for classrooms; student use is restricted due to roof leaks)
- Not in compliance with accessibility and other code requirements

Duxbury High School – grades 9-12

Built in 1968

Addition built in 1974

Square footage: 215,136 sf

Planned operating capacity: 1,035

Current enrollment: 962

Deficiencies:

- Aged and deteriorating building and systems, including boilers, mechanical, electrical, roofing, flooring, exterior windows, doors, walls, plumbing, HVAC, temperature controls
- Inadequate science classrooms
- Overcrowded cafeteria
- Inadequate special education space
- Interior classrooms with no windows
- Insufficient guidance, health and main office space
- Inadequate technology center space
- Insufficient storage space
- Insufficient teacher workroom space
- Not in compliance with accessibility and other code requirements
- Inefficient building layout
- Insufficient insulation
- Inadequate library/media center space

History of Construction Activity and Long-range Planning for Duxbury Public Schools

1926 Duxbury High School built; later known as upper Alden school; closed in 1992; currently houses the Duxbury Free Library (with extensive renovations)

1949 Alden Elementary School built (original two-story building)

1954 Alden addition built (one-story attached building)

1960 Duxbury Jr./Sr. High School built; currently houses Duxbury Middle School

1968 Duxbury High School built

1974 Chandler School built, additions made to current Duxbury Middle and High Schools

2000 Master Facilities Plan approved

2001-03 Additions built on Chandler and Alden elementary schools; Performing Arts Center built as addition to Alden for district and town use. Town gets 67% reimbursement

2004 The state imposes moratorium on new building project requests

2007 Request submitted to new Massachusetts School Building Authority (MSBA) for work needed on Chandler roof, DMS and DHS

2008 SBC reconvened to plan replacement of older Chandler roof and initiate planning for Duxbury Middle and High Schools

2009 SBC requests funds for a feasibility study for DMS, DHS and for replacement of the roof on the original sections of Chandler School. Voters approve; completed roof project receives 40% reimbursement

2010 Feasibility Study completed and presented at Town Meeting. MSBA invites Duxbury to collaborate on a middle and high school project in the model school program. Reimbursement estimated to be 40%



Duxbury Middle School

Next Steps

January-February 2011:

- Tour model schools
- SBC selects Owner's Project Manager
- SBC interviews architects and considers model school designs

March 2011: SBC seeks voter approval for architectural and engineering fees for schematic design of a middle and high school

Fall 2011: Seek voter approval for construction funds



Duxbury High School