

# Town of Abington School Feasibility Study

information & data  
gathered as of August 26, 2013

Submitted to  
Mass. School Building Authority  
on 9/18/13  
for review and comment

<b>1</b>	Major Milestones Timeline
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<b>3</b>	Site Evaluations Summary
<b>4</b>	Educational Visioning Summary Document
<b>5</b>	Educational Programming Document
<b>6</b>	Introduction Document
<b>7</b>	Space Summary Documents
<b>8</b>	Options Considered Document <span style="color: green;">16 pages</span>
<b>9</b>	Evaluation Matrix
<b>10</b>	Draft of Cost Analysis Options
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## summary of options considered

Many options were considered as part of the overall analysis of the best possible option for solving educational and physical deficiencies and the overcrowding within the school facilities in the Town of Abington. Some primary objectives emerged as part of the analysis, and these objectives provided clear criteria for consideration and evaluation of the options. The objectives include but are not limited to:

1. Provide sufficient 21st Century educational space for middle school students within the Town of Abington.
  - Provide new/renovated facilities to accommodate current/future middle school students.
  - Create a middle school which allows the 5/6 population to co-exist with the 7/8 populations in a “school within a school” model. The limited 7/8 population has traditionally resulted in compromised programming and teaming opportunities in Abington. Adding additional grades to this school would allow the two schools (5/6 and 7/8) to share many resources and expand educational opportunities, but would maintain any necessary separations. The educational visioning and planning process revealed that combining students in Grades 5 through 8 provides educational benefits, organizational benefits, and creates a number of desired efficiencies.
2. Provide sufficient 21st Century educational space for high school students within the Town of Abington.
  - Provide new/renovated facilities to accommodate current/future high school students.
3. Locate the middle school and the high school on the same site in a co-located middle/high school that separates middle and high school students but also allows students to share facilities on a single campus to increase efficiency and available resources.
  - The feasibility study revealed that the small size of the Town of Abington and its resulting (small) student enrollment presents several challenges when planning an educational facility that includes the appropriate resources. For example, if the middle school and high school continue to operate as independent and separated facilities, they have respective populations of 665 and 450. An auditorium facility would be highly utilized at the high school, but the 450 student population would only justify an auditorium with a seating capacity of 300 (as per MSBA regulations). This would limit the school use of such a facility and, more importantly, would render it too small for community use. However, combining the two school facilities on the same site in a co-located school (Two separate schools with connecting shared facilities) will justify an auditorium which seats 750. Co-locating the two populations also justifies better resources and more space for the media center, student dining, and other shared student and community facilities, such as gymnasium space.
  - Co-locating the middle and high schools expands educational opportunities which can be offered to middle school students, such as advanced placement coursework.
  - Co-locating the middle and high schools increases project-based learning opportunities in specialty lab areas through the sharing of facilities.

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- Co-locating the middle and high schools creates administrative, staffing, and maintenance efficiencies.
4. Execute a single project which maximizes impact across all grade levels.
    - Multiple projects would require that the Town approve each project independently. The MSBA procedures for reimbursement and support recognize one project per submittal. If multiple projects are being considered, each one would need to be submitted independently, and there is no guarantee that future projects will be considered/approved.
    - The options analysis demonstrates that scenarios that include multiple school projects on multiple sites results in a longer timeline, inflationary increases, and more uncertainty.
  5. Resolve overcrowding across all grade levels with a single project.
    - The capacity and enrollment analysis indicates that removing 6th grade from the elementary schools and placing it within newly created middle school space relieves current overcrowding in Grades 1 through 5. Furthermore, removing 5th grade from the elementary school environment creates sufficient capacity in the elementary schools to allow for expansion of full-day kindergarten opportunities and the closing of the outdated, inefficient Center School. Any proposed option which could resolve issues at the middle school, high school elementary schools, and kindergarten simultaneously, in a single project, would have significant educational and financial benefits to the Town.
  6. Provide newly created Pre-Kindergarten (PK) space at the high school.
    - The educational visioning and programming process revealed that creating PK classrooms at the high school could allow for the support and expansion of a highly enrolled Child Development Program at the high school, expanding opportunities for students there. It would have the added benefit of creating sufficient PK space to allow for the closing of Center School (if kindergarten is moved to the elementary schools as a result of the 5th grade being moved to newly created middle school space).
  7. Preserve existing playfields and expand athletic, recreation, and community outdoor playfield space.
    - As with all small communities, playfield space for community, recreation, and school groups and teams is at a premium. Options which sustain or expand existing playfield opportunities are highly desirable.
  8. Minimize impact to the Town, community, and school department throughout construction.
    - Although it is understood that there will be some impact as part of the development of any new project, options which minimize such impact are desirable.
    - Minimize impact to the educational environment by limiting construction in direct proximity to school occupied spaces. Shorter construction durations which minimize impact to the school and community are obviously more desirable.
  9. Maximize MSBA support and available grant funding.
    - Although it is understood that some portions of the project may not be eligible for MSBA

grant reimbursement funding, options which maximize the available grant reimbursement funding are highly desirable.

10. Maintain central location of school facilities within the Town.

- The sharing of resources among the schools and community is one of the primary efficiencies associated with the proximity of existing schools, particularly the middle school and the high school facilities. Options which continue to locate/maintain school facilities within a central location in the Town and in close proximity to other Town facilities and playfields will benefit the school department and the entire community.

11. Any proposed option should be educationally appropriate, fiscally responsible, and provide a solid long-term solution to school and facility needs in the Town.

The following is a summary of initial options considered as part of a review of facility and school needs:

#### **Option 1**

- Construct a new 5-12 co-located middle/high school with PreK facilities on the existing high school site. The existing high school would be demolished upon completion of the new facility.
- Utilize the existing Beaver Brook Elementary School (Grades 1-4) as a K-2 (full-day K).
- Utilize the existing Woodsdale Elementary School (Grades 5-6) as a 3-4.

This option completes a single building project which resolves overcrowding across all grade levels (PK-Grade 12). It would allow the inefficient and outdated Center and Frolio schools to be closed for school uses, as it creates sufficient capacity to allow all programs, including additional full-day K opportunities, to exist.

One MAJOR advantage of combining grades 5-12 into a single building project is that it creates a large enough student population to trigger MSBA support and reimbursement for resources such as a 750 seat auditorium. Any scenario that does not combine the middle school and high school populations would result in smaller facilities with less MSBA supported resources.

There are many challenges associated with planning multiple school projects over the next 10 years in Abington. An option which resolves all current overcrowding and provides appropriate educational space for all students in grades PK-12 creates an attractive alternative for ALL parents and community members. Unknowns associated with future projects are eliminated, and the Town can be certain that a single project will satisfy the Town and school needs for many years to come.

#### **Option 1B**

- Renovate and expand the existing Abington High School for use as a 5-12 co-located middle/high school with PreK facilities on the existing high school site. This option would

require phased construction on the existing high school site while the school continues to be occupied. It would require more time to complete than Option 1, but would keep portions of the existing high school in place through comprehensive renovation and expansion.

- Utilize the existing Beaver Brook Elementary School (Grades 1-4) for Grades K-2 (full-day K).
- Utilize the existing Woodsdale Elementary School (Grades 5-6) for Grades 3-4.

This option completes a single building project which resolves overcrowding across all grade levels (PK-Grade 12). It would allow the inefficient and outdated Center and Frolio schools to be closed for school uses, as it creates sufficient capacity to allow all programs, including additional full-day K opportunities, to exist.

One MAJOR advantage of combining grades 5-12 into a single building project is that it creates a large enough student population to trigger MSBA support and reimbursement for resources such as a 750 seat auditorium. Any scenario that does not combine the middle school and high school populations would result in smaller facilities with less MSBA supported resources.

There are many challenges associated with planning multiple school projects over the next 10 years in Abington. An option which resolves all current overcrowding and provides appropriate educational space for all students in grades PK-12 creates an attractive alternative for ALL parents and community members. Unknowns associated with future projects are eliminated, and the Town can be certain that a single project will satisfy the Town and school needs for many years to come.

### **Option 2**

- Construct a new 6-12 co-located middle/high school with PreK facilities on the existing high school site.
- Utilize Center School (Currently Grade PK-K) for continued use as Kindergarten with no additional full-day K opportunities
- Utilize the existing Beaver Brook Elementary School (Currently Grades 1-4) for Grades 1-3.
- Utilize the existing Woodsdale Elementary School (Currently Grades 5-6) for Grades 4-5.

One MAJOR advantage of combining grades 6-12 into a single building project is that it creates a large enough student population to trigger MSBA support and reimbursement for resources such as a 750 seat auditorium. Any scenario that does not combine the middle school and high school populations would result in smaller facilities with less MSBA supported resources.

This Option is similar to Option 1; however it does not create sufficient capacity to allow for the closing of Center School or additional full-day K opportunities. This option would require the Town to revisit facility needs for Kindergarten students at some point in the future and would require the Town to continue to incur the operational and maintenance costs associated with continuing to operate the Center School. In this option, the Frolio School would be closed for school uses.

### Option 2B

- Renovate and expand the existing Abington High School for use as a 6-12 co-located middle/high school with PreK facilities.
- Utilize Center School (Currently Grade PK-K) for continued use as Kindergarten with no additional full-day K opportunities.
- Utilize the existing Beaver Brook Elementary School (Currently Grades 1-4) for Grades 1-3.
- Utilize the existing Woodsdale Elementary School (Currently Grades 5-6) for Grades 4-5.

One MAJOR advantage of combining grades 6-12 into a single building project is that it creates a large enough student population to trigger MSBA support and reimbursement for resources such as a 750 seat auditorium. Any scenario that does not combine the middle school and high school populations would result in smaller facilities with less MSBA supported resources.

This Option is similar to Option 1B; however it does not create sufficient capacity to allow for the closing of Center School or additional full-day K opportunities. This option would require the Town to revisit facility needs for Kindergarten students at some point in the future and would require the Town to continue to incur the operational and maintenance costs associated with continuing to operate the Center School. In this option, the Frolio School would be closed for school uses.

**All of the following options (Options 3 through 7B) include two or more separate building projects. MSBA will only consider one building project at a time, so under these scenarios, the Town would have to re-apply to the MSBA for building projects beyond the first project, and such projects would also have to be approved/funded by the Town as separate projects, with each separate project needing its own Town Meeting and ballot election. There would obviously be some delay before the MSBA could consider subsequent projects, and there is no guarantee when/if the subsequent projects would be approved. Although these options would allow the Town to make a smaller initial investment, each of them proves significantly more expensive in the long run (for all Options 3 through 7B) and would take many more years to complete.**

### Option 3

- Project 1: Construct a new 6-12 co-located middle/high school on the existing high school site.
- Project 2: Renovate Frolio Middle School for Grades 4-5 elementary.
- Utilize the existing Beaver Brook Elementary School (Currently Grades 1-4) for grades PK-1.
- Utilize the existing Woodsdale Elementary School (Currently Grades 5-6) for Grades 2-3.
- Close the Center School (Currently Grades PK-K), as PK and K would be accommodated at the re-organized Beaver Brook Elementary School.

One MAJOR advantage of combining grades 6-12 into a single building project is that it creates a large enough student population to trigger MSBA support and reimbursement for resources

such as a 750 seat auditorium. Any scenario that does not combine the middle school and high school populations would result in smaller facilities with less MSBA supported resources.

This Option is similar to Option 2; however it utilizes a renovation project at the Frolio to resolve current PK-5 overcrowding. The renovation of the Frolio is an expensive project and may not provide an ideal elementary school environment, but this option is included as a means for keeping the Frolio operational as a school. The Town would have to re-apply to the MSBA for the Frolio building project subsequent to the completion of the 6-12 school, and such project would also have to be approved/funded by the Town as a separate project, requiring separate Town Meeting and ballot election. There would obviously be some delay before the MSBA could consider the Frolio project, and there is no guarantee when/if the project would be approved. For purposes of estimating the projected costs, it is assumed that the Frolio project would not commence until at least four years after the 6-12 project.

### **Option 3B**

- Project 1: Renovate and expand the existing Abington High School for use as a 6-12 co-located middle/high school.
- Project 2: Renovate Frolio Middle School for Grades 4-5 elementary.
- Utilize the existing Beaver Brook Elementary School (Currently Grades 1-4) for grades PK-1.
- Utilize the existing Woodsdale Elementary School (Currently Grades 5-6) for Grades 2-3.
- Close the Center School (Currently Grades PK-K), as PK and K would be accommodated at the re-organized Beaver Brook Elementary School.

One MAJOR advantage of combining grades 6-12 into a single building project is that it creates a large enough student population to trigger MSBA support and reimbursement for resources such as a 750 seat auditorium. Any scenario that does not combine the middle school and high school populations would result in smaller facilities with less MSBA supported resources.

This Option is similar to Option 2; however it utilizes a renovation project at the Frolio to resolve current PK-5 overcrowding. The renovation of the Frolio is an expensive project and may not provide an ideal elementary school environment, but this option is included as a means for keeping the Frolio operational as a school. The Town would have to re-apply to the MSBA for the Frolio building project subsequent to the completion of the 6-12 school, and such project would also have to be approved/funded by the Town as a separate project, requiring separate Town Meeting and ballot election. There would obviously be some delay before the MSBA could consider the Frolio project, and there is no guarantee when/if the project would be approved. For purposes of estimating the projected costs, it is assumed that the Frolio project would not commence until at least four years after the 6-12 project.

### **Option 4**

- Project 1: Construct new Abington High School for Grades 9-12.
- Project 2: Renovate/modify existing Frolio Middle School for continued use as a 7-8

middle school.

- Project 3: Renovate/expand Beaver Brook Elementary School (Currently Grades 1-4) for use as PK-3.
- Project 4: Renovate/expand Woodsdale Elementary School (Currently Grades 5-6) for Grades 4-6.
- Close the Center School (Currently Grades PK-K), as PK and K would be accommodated at the re-organized Beaver Brook Elementary School.

This option has many inherent educational and financial disadvantages. However, it is included to demonstrate the high cost and inefficiencies associated with continuing the current grade configurations and separate sites utilized for grades 7-12 by proposing to create a new 9-12 high school at the high school site and a renovated 7/8 Frolio school. This option does not provide ANY significant overcrowding relief until the execution of the third project, as the first two projects primarily involve modernizing educational opportunities and facilities for grades 7-12. The renovation of the Frolio is an expensive project and may not provide an ideal middle school environment for grades 7/8, but this option is included as a means for keeping the Frolio operational as a school, and continuing the current grade configurations in 7/8 and 9-12. One of the many disadvantages of this option is that the 9-12 high school is very small (in comparison to most high schools) and does not justify MSBA support of many resources such as a full size auditorium and larger community use spaces. The Town would have to re-apply to the MSBA for each of the three projects that occur subsequent to the completion of the 9-12 school, and such projects would also have to be approved/funded by the Town as separate projects, requiring separate Town Meeting and ballot election votes. There would obviously be some delay before the MSBA could consider the subsequent projects, and there is no guarantee when/if the project would be approved. For purposes of estimating the projected costs, it is assumed that the projects would not commence until at least four to seven years after the 9-12 project.

#### **Option 4B**

- Project 1: Renovate/modify existing Abington High School for use as a 9-12 high school.
- Project 2: Renovate/modify existing Frolio Middle School for use as a 7-8 middle school.
- Project 3: Renovate/expand Beaver Brook Elementary School (Grades 1-4) for use as PK-3.
- Project 4: Renovate/expand Woodsdale Elementary School (Grades 5-6) for Grades 4-6.
- Close the Center School (Currently Grades PK-K), as PK and K would be accommodated at the re-organized Beaver Brook Elementary School.

This option has many inherent educational and financial disadvantages. However, it is included to demonstrate the high cost and inefficiencies associated with continuing the current grade configurations and separate sites utilized for grades 7-12 by proposing a renovated/expanded 9-12 high school at the high school site and a renovated 7/8 Frolio school. This option does not provide ANY significant overcrowding relief until the execution of the third project, as the first two projects primarily involve modernizing educational opportunities and facilities for grades 7-12. The renovation of the Frolio is an expensive project and may not provide an ideal middle school environment for grades 7/8, but this option is included as a means for keeping

the Frolio operational as a school, and continuing the current grade configurations in 7/8 and 9-12. One of the many disadvantages of this option is that both the high school and middle school are very small (in comparison to most high schools and middle schools) and do not justify MSBA support of many resources such as a full size auditorium and larger community use spaces. The Town would have to re-apply to the MSBA for each of the three projects that occur subsequent to the completion of the 9-12 school, and such projects would also have to be approved/funded by the Town as separate projects, requiring separate Town Meeting and ballot election votes. There would obviously be some delay before the MSBA could consider the subsequent projects, and there is no guarantee when/if the project would be approved. For purposes of estimating the projected costs, it is assumed that the projects would not commence until at least four to seven years after the 9-12 project.

#### **Option 5**

- Project 1: Construct new Abington High School for Grades 9-12.
- Project 2: Renovate/expand Beaver Brook Elementary School (Currently Grades 1-4) for use as PK-4.
- Project 3: Renovate/expand Woodsdale Elementary School (Currently Grades 5-6) for Grades 5-8.
- Close the Center School (Currently Grades PK-K) and the Frolio School, as the grade levels currently accommodated by these schools would be relocated to expanded facilities at Beaver Brook Elementary and Woodsdale Elementary.

This option has many inherent educational and financial disadvantages. However, it is included to demonstrate the high cost and inefficiencies associated with creating the majority of the required additional space at the Beaver Brook Elementary and Woodsdale Elementary schools. This option does not provide ANY significant overcrowding relief until after the execution of all three projects, as the first project involves creating a new the 9-12 high school, the second project involves relieving PK-4 overcrowding and expanding educational opportunities for these grade levels, and the third project involves modernizing and expanding 5-8 facilities and relieving overcrowding for these students. This option becomes extremely expensive because the expansion at each of the existing elementary schools would trigger a requirement for comprehensive renovations and code compliance within the existing buildings. These buildings are in relatively good condition, and if they are not expanded, only minimal capital projects would have to be executed in the foreseeable future.

One of the additional disadvantages of this option is that both the high school remains very small (in comparison to most high schools and middle schools) and does not justify MSBA support of many resources such as a full size auditorium and larger community use spaces. Additionally, the Town would have to re-apply to the MSBA for each of the two projects that occur subsequent to the completion of the 9-12 school, and such projects would also have to be approved/funded by the Town as separate projects, requiring separate Town Meeting and ballot election votes. There would obviously be some delay before the MSBA could consider the subsequent projects, and there is no guarantee when/if the project would be approved. For purposes of estimating the projected costs, it is assumed that the projects would not commence until at least four to seven years after the 9-12 project.

### **Option 5B**

- Project 1: Renovate/modify existing Abington High School for use as a 9-12 high school.
- Project 2: Renovate/expand Beaver Brook Elementary School (Currently Grades 1-4) for use as PK-4.
- Project 3: Renovate/expand Woodsdale Elementary School (Currently Grades 5-6) for Grades 5-8.
- Close the Center School (Currently Grades PK-K) and the Frolio School, as the grade levels currently accommodated by these schools would be relocated to expanded facilities at Beaver Brook Elementary and Woodsdale Elementary.

This option has many inherent educational and financial disadvantages. However, it is included to demonstrate the high cost and inefficiencies associated with creating the majority of the required additional space at the Beaver Brook Elementary and Woodsdale Elementary schools. This option does not provide ANY significant overcrowding relief until after the execution of all three projects, as the first project involves creating a renovated/expanded 9-12 high school, the second project involves relieving PK-4 overcrowding and expanding educational opportunities for these grade levels, and the third project involves modernizing and expanding 5-8 facilities and relieving overcrowding for these students. This option becomes extremely expensive because the expansion at each of the existing elementary schools would trigger a requirement for comprehensive renovations and code compliance within the existing buildings. These buildings are in relatively good condition, and if they are not expanded, only minimal capital projects would have to be executed in the foreseeable future.

One of the additional disadvantages of this option is that both the high school remains very small (in comparison to most high schools and middle schools) and does not justify MSBA support of many resources such as a full size auditorium and larger community use spaces. Additionally, the Town would have to re-apply to the MSBA for each of the two projects that occur subsequent to the completion of the 9-12 school, and such projects would also have to be approved/funded by the Town as separate projects, requiring separate Town Meeting and ballot election votes. There would obviously be some delay before the MSBA could consider the subsequent projects, and there is no guarantee when/if the project would be approved. For purposes of estimating the projected costs, it is assumed that the projects would not commence until at least four to seven years after the 9-12 project.

### **Option 6: Two Stages – Two New School Buildings**

- Project 1: Construct a new Abington Middle School for Grades 5-8. Then subsequent to the completion and occupancy of the new middle school:
- Project 2: Construct a new Abington High School for Grades 9-12 with Pre-K.
- Utilize the existing Beaver Brook Elementary School (Currently Grades 1-4) as a K-2 (full-day K).
- Utilize the existing Woodsdale Elementary School (Currently Grades 5-6) as a 3-4.
- Close the Center School (Currently Grades PK-K) and the Frolio School, as the grade levels currently accommodated by these schools would be relocated to expanded facilities at the other schools.

This option is similar to Option 1, except it separates the 5-12 co-located school project into two separate projects on the high school site; a new middle school project and a new high school project. One MAJOR disadvantage of this approach is the Town is only authorized (Through MSBA) for a single project, and would have to re-apply to the MSBA for the 9-12 high school project. Such project would have to be approved/funded by the Town as a separate project, requiring separate Town Meeting and ballot election votes. There would obviously be some delay before the MSBA could consider the subsequent high school project, and there is no guarantee when/if the project would be approved. For purposes of estimating the projected costs, it is assumed that the high school project would not commence until at least four years after the middle school project, resulting in significant inflationary costs. Another significant disadvantage of executing two separate projects is that each of the schools represents a single stand-alone building with a relatively small student population (compared to most middle and high schools), and does not justify MSBA support of many resources such as a full size auditorium and larger community use spaces. If the two schools are combined into a single co-located school (Like Options 1 through 3b) they form a larger facility with more MSBA support of such resources.

#### **Option 6B: Two Stages – Two New/Renovated School Buildings**

- Project 1: Construct a new Abington Middle School for Grades 5-8. Then subsequent to the completion and occupancy of the new middle school:
- Project 2: Renovate/Expand new Abington High School for Grades 9-12 with Pre-K.
- Utilize the existing Beaver Brook Elementary School (Currently Grades 1-4) as a K-2 (full-day K).
- Utilize the existing Woodsdale Elementary School (Currently Grades 5-6) as a 3-4.
- Close the Center School (Currently Grades PK-K) and the Frolio School, as the grade levels currently accommodated by these schools would be relocated to expanded facilities at the other schools.

This option is similar to Option 1B, except it separates the 5-12 co-located school project into two separate projects on the high school site; a new middle school project and a renovation/addition high school project. One MAJOR disadvantage of this approach is the Town is only authorized (Through MSBA) for a single project, and would have to re-apply to the MSBA for the 9-12 high school project. Such project would have to be approved/funded by the Town as a separate project, requiring separate Town Meeting and ballot election votes. There would obviously be some delay before the MSBA could consider the subsequent high school project, and there is no guarantee when/if the project would be approved. For purposes of estimating the projected costs, it is assumed that the high school project would not commence until at least four years after the middle school project, resulting in significant inflationary costs. Another significant disadvantage of executing two separate projects is that each of the schools represents a single stand-alone building with a relatively small student population (compared to most middle and high schools), and does not justify MSBA support of many resources such as a full size auditorium and larger community use spaces. If the two schools are combined into a single co-located school (Like Options 1 through 3b) they form a larger facility with more MSBA support of such resources.

### Option 7

- Project 1: Construct new Abington co-located Middle/High School for Grades 7-12 with PK.
- Project 2: Renovate/expand Beaver Brook Elementary School (Currently Grades 1-4) for use as K-4.
- Woodsdale Elementary School receives no work and continues as a Grades 5-6 school.
- Close the Center School (Currently Grades PK-K), as PK and K would be accommodated at the high school and Beaver Brook Elementary School respectively.
- Close the Frolio, as grades 7/8 would be accommodated at the co-located middle/high school.

This option is similar to options 1 and 2, except it defers dealing with the overcrowding in grades K-6 until the execution of a second project. The Town is only authorized (Through MSBA) for a single project, and would have to re-apply to the MSBA for the Beaver Brook Elementary School renovation and expansion. Such project would have to be approved/funded by the Town as a separate project, requiring separate Town Meeting and ballot election votes. There would obviously be some delay before the MSBA could consider the subsequent Beaver Brook project, and there is no guarantee when/if the project would be approved. For purposes of estimating the projected costs, it is assumed that the Beaver Brook Elementary School project would not commence until at least four years after the 7-12 middle/high school project.

This option requires that the Beaver Brook Elementary School be expanded in order to provide the additional space required to resolve PK-6 overcrowding. Such expansion triggers expensive regulatory compliance within the existing school which would not be necessary if the facility was not expanded. This results in a more expensive option than those identified in options 1 and 2.

Additionally, this option does not address all of the educational disadvantages identified in the educational visioning and educational programming documents with regard to maintaining a 7/8 middle school configuration. The continued existence of a 7/8 middle school configuration does not meet the middle school educational goals and priorities identified within these documents.

### Option 7B

- Project 1: Renovate/modify existing Abington High School for use as a collocated Middle/High School for Grades 7-12 with PK.
- Project 2: Renovate/expand Beaver Brook Elementary School (Currently Grades 1-4) for use as K-4.
- Woodsdale Elementary School receives no work and continues as a Grades 5-6 school.
- Close the Center School (Currently Grades PK-K), as PK and K would be accommodated at the high school and Beaver Brook Elementary School respectively.
- Close the Frolio, as grades 7/8 would be accommodated at the co-located middle/high school.

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This option is similar to options 1B and 2B, except it defers dealing with the overcrowding in grades K-6 until the execution of a second project. The Town is only authorized (Through MSBA) for a single project, and would have to re-apply to the MSBA for the Beaver Brook Elementary School renovation and expansion. Such project would have to be approved/funded by the Town as a separate project, requiring separate Town Meeting and ballot election votes. There would obviously be some delay before the MSBA could consider the subsequent Beaver Brook project, and there is no guarantee when/if the project would be approved. For purposes of estimating the projected costs, it is assumed that the Beaver Brook Elementary School project would not commence until at least four years after the 7-12 middle/high school project.

This option requires that the Beaver Brook Elementary School be expanded in order to provide the additional space required to resolve PK-6 overcrowding. Such expansion triggers expensive regulatory compliance within the existing school which would not be necessary if the facility was not expanded. This results in a more expensive option than those identified in options 1B and 2B.

Additionally, this option does not address all of the educational disadvantages identified in the educational visioning and educational programming documents with regard to maintaining a 7/8 middle school configuration. The continued existence of a 7/8 middle school configuration does not meet the middle school educational goals and priorities identified within these documents.

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- Option 1: New 5-12 co-located middle/high school with Pre-K facilities on existing high school site
- Option 1B: Renovation/expansion of existing Abington HS for use as 5-12 co-located middle/high school with Pre-K facilities on existing high school site
- Option 2: New 6-12 co-located middle/high school with Pre-K facilities on existing high school site
- Option 2B: Renovation/expansion of existing Abington HS for use as 6-12 co-located middle/high school with Pre-K facilities
- Option 3
- Project 1: new 6-12 co-located middle/high school on existing high school site
  - Project 2: renovation of Frolio MS for grades 4-5 elementary
- Option 3B
- Project 1: renovation/expansion of existing Abington HS for use as 6-12 co-located middle/high school
  - Project 2: renovation of Frolio MS for grades 4-5 elementary
- Option 4
- Project 1: new Abington HS for grades 9-12
  - Project 2: renovation/modification of existing Frolio MS for use as 7-8 middle school
  - Project 3: renovation/expansion of Beaver Brook ES (grades 1-4) for use as PK-3
  - Project 4: renovation/expansion of Woodsdale ES (grades 5-6) for grades 4-6. Close Center School.
- Option 4B
- Project 1: renovation/modification of existing Abington HS for use as 9-12 high school
  - Project 2: renovation/modification of existing Frolio MS for use as 7-8 middle school
  - Project 3: renovation/expansion of Beaver Brook ES (grades 1-4) for use as PK-3
  - Project 4: renovation/expansion of Woodsdale ES (grades 5-6) for grades 4-6



#### Option 5

- Project 1: new Abington HS for grades 9-12
- Project 2: renovation/expansion of Beaver Brook ES (grades 1-4) for use as PK-4
- Project 3: renovation/expansion of Woodsdale ES (grades 5-6) for grades 5-8. Close Center School and Frolio School.

#### Option 5B

- Project 1: renovation/modification of existing Abington HS for use as 9-12 high school
- Project 2: renovation/expansion of Beaver Brook ES (grades 1-4) for use as PK-4
- Project 3: renovation/expansion of Woodsdale ES (grades 5-6) for grades 5-8. Close Center School and Frolio School.

#### Option 6

- Project 1: new Abington MS for grades 5-8
- Project 2: new Abington HS for grades 9-12 (subsequent to completion/occupancy of new middle school)

#### Option 6B

- Project 1: new Abington MS for grades 5-8
- Project 2: renovation/expansion of existing Abington HS for grades 9-12 (subsequent to completion/occupancy of new middle school)

#### Option 7

- Project 1: new Abington co-located MS/HS for grades 7-12 with Pre-K
- Project 2: renovation/expansion of Beaver Brook ES (grades 1-4) for use as K-4

#### Option 7B

- Project 1: renovation/modification of existing Abington HS for use as co-located MS/HS for grades 7-12 with Pre-K
- Project 2: renovation/expansion of Beaver Brook ES (grades 1-4) for use as K-4

