



Massachusetts School Building Authority

Deborah B. Goldberg
Chairman, State Treasurer

John K. McCarthy
Executive Director

October 5, 2015

Mr. Brian E. Lynch, Superintendent
Middleborough Public Schools
Flora M. Clark Administration Building
30 Forest Street
Middleborough, MA 02346

Re: Town of Middleborough, Middleborough High School

Dear Superintendent Lynch:

I would like to thank you and your team for meeting with Massachusetts School Building Authority (the “MSBA”) staff on August 3, 2015, during which enrollment projections and methodologies were reviewed for Middleborough High School (the “Proposed Project”) in the Town of Middleborough (the “District”), and for the subsequent letter dated September 8, 2015. As discussed, the next critical step is for the MSBA and the District to agree on the design enrollment for Middleborough High School.

Middleborough High School presently serves the entire District’s grade 9 through 12 enrollment, and accordingly, this analysis will be particularly focused on the enrollment projections for those grades. The table below illustrates the District’s K-12 enrollment during the most recent ten year period including enrollment for the current school year (2014-2015) as reported by the Department of Elementary and Secondary Education (the “DESE”). The total grade 9-12 enrollment in Middleborough as reported by the District for the most recent school year is 778 students, which reflects a decrease of 192 students (-20%) from the grade 9-12 enrollment reported in 2005, which was the maximum grade 9-12 enrollment reported in the preceding ten years. Additionally, the current year’s grade 9-12 enrollment reflects a decrease of approximately 84 students (-10%) from the average grade 9-12 enrollment reported during the preceding ten year period.

Year	K-4	5-8	9-12	Total
2005	1,787	869	970	3,626
2006	1,706	868	935	3,509
2007	1,680	885	893	3,458
2008	1,701	908	875	3,484
2009	1,688	897	865	3,450
2010	1,653	892	852	3,397
2011	1,630	873	815	3,318
2012	1,586	817	845	3,248
2013	1,580	801	792	3,173
2014	1,486	804	778	3,068

The MSBA understands that the District is proposing a design enrollment to accommodate approximately 1,000 students in grades 9-12 at Middleborough High School. The enrollment in grades 9-12 reported to the DESE for the 2014-2015 school year at the Middleborough High School was 778 students.

With respect to future enrollments, the MSBA's base enrollment forecast indicates the District's grade 9-12 enrollment will continue to experience a declining trend over the next 10 years. The average grade 9-12 base enrollment forecast for the projected period through the 2023-2024 school year is approximately 690 students.

As a result of a sensitivity analysis performed by the MSBA on this base enrollment projection and further discussion with the District, the following adjustments have been made to the base enrollment projection:

- Out-of-District Enrollment
 - In order to adjust for fluctuations to the out-of-district enrollment patterns of the District's residents over time, the MBSA has made an additional adjustment to the base enrollment projection;
 - In order to make this adjustment, the MSBA adjusted the grade to grade survival ratios for grades K-5 by a total of 3.3% throughout a four year period in the projection; and
 - This adjustment added approximately 20 students to the average grade 9-12 enrollment as compared to the projection without this adjustment.

- Development
 - Based on the discussions between the District and the MSBA, and the anticipated development information provided by the District, the MSBA enrollment model has been adjusted to use the five-year 75th percentile cohort survival rate for 2017 and 2018, rather than the five-year average cohort survival rate, which is utilized throughout the base enrollment forecast; and

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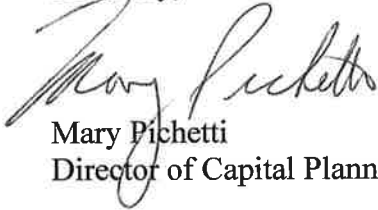
Middleborough High School Enrollment Letter

- This adjustment added approximately 10 students to the average total grade 9-12 enrollment as compared to the projection without this adjustment. As a result of analysis on the base enrollment projection, the adjustment to the base projection described above, and based on the historical enrollment trends of the District, the MSBA recommends a design enrollment of 720 students for the Middleborough High School.

The MSBA believes that this design enrollment recommendation will position the District to efficiently meet space capacity needs throughout future enrollment variations. Please sign and return the attached certification within 14 calendar days to confirm agreement on this design enrollment. If the District feels that this design enrollment does not meet the needs of the District, please respond to this letter via e-mail to Katie DeCristofaro and propose three meeting/conference call times for which the District can be available to discuss enrollment.

If you have any questions regarding this matter, please do not hesitate to contact me or Katie DeCristofaro (Kathryn.DeCristofaro@MassSchoolBuildings.org) at 617-720-4466.

Sincerely,



Mary Pichetti
Director of Capital Planning

Cc: Legislative Delegation
Allin Frawley, Chair, Middleborough Board of Selectmen
Robert G. Nunes, Middleborough Town Manager
Richard J. Young, Chair, Middleborough School Committee
Kathleen Piatelli, Director of Business and Finance, Middleborough Public Schools
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File: 1.2 Enrollment Projections (Region 6)